

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066711.D
 Acq On : 15 Sep 2020 22:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:44:30 AM

Quant Time: Sep 16 02:26:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	402546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	679267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	630396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	225030	52.39	ug/l	0.00
Spiked Amount						
			Recovery	=	104.78%	
35) Dibromofluoromethane	7.91	113	213485	51.26	ug/l	0.00
Spiked Amount						
			Recovery	=	102.52%	
50) Toluene-d8	10.34	98	759186	51.17	ug/l	0.00
Spiked Amount						
			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.63	95	255605	49.91	ug/l	0.00
Spiked Amount						
			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	141138	47.069	ug/l	99
3) Chloromethane	2.21	50	208925	47.694	ug/l	99
4) Vinyl Chloride	2.35	62	223805	48.817	ug/l	99
5) Bromomethane	2.77	94	165655	50.936	ug/l	100
6) Chloroethane	2.93	64	150163	52.578	ug/l	90
7) Trichlorofluoromethane	3.27	101	372839	47.084	ug/l	99
8) Diethyl Ether	3.71	74	101947	51.414	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	202401	46.510	ug/l	97
10) Methyl Iodide	4.30	142	212552	51.478	ug/l	98
11) Tert butyl alcohol	5.21	59	65425	228.797	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	192934	47.899	ug/l	99
13) Acrolein	3.92	56	67341	222.312	ug/l	98
14) Allyl chloride	4.71	41	335298	51.834	ug/l	99
15) Acrylonitrile	5.42	53	229509	264.219	ug/l	98
16) Acetone	4.16	43	187537	214.423	ug/l	97
17) Carbon Disulfide	4.41	76	628558	49.661	ug/l	97
18) Methyl Acetate	4.71	43	103927	56.112	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	494224	55.087	ug/l	98
20) Methylene Chloride	4.97	84	248825	53.430	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	240516	51.252	ug/l	99
22) Diisopropyl ether	6.37	45	730903	55.608	ug/l	98
23) Vinyl Acetate	6.30	43	2055770	281.180	ug/l	100
24) 1,1-Dichloroethane	6.26	63	430985	51.673	ug/l	99
25) 2-Butanone	7.21	43	288612	253.419	ug/l	99
26) 2,2-Dichloropropane	7.20	77	355244	46.059	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	272428	53.065	ug/l	99
28) Bromochloromethane	7.54	49	151264	48.554	ug/l	97
29) Tetrahydrofuran	7.56	42	188218	270.117	ug/l	98
30) Chloroform	7.71	83	465285	52.415	ug/l	100
31) Cyclohexane	7.98	56	359946	47.445	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	423115	52.089	ug/l	99
36) 1,1-Dichloropropene	8.11	75	338005	48.398	ug/l	99
37) Ethyl Acetate	7.29	43	138989	52.570	ug/l	99
38) Carbon Tetrachloride	8.09	117	365040	49.220	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	383394	47.995	ug/l	99
40) Benzene	8.35	78	968445	51.256	ug/l	100
41) Methacrylonitrile	7.52	41	75575m	53.993	ug/l	
42) 1,2-Dichloroethane	8.42	62	304049	51.942	ug/l	99
43) Isopropyl Acetate	8.44	43	266798	53.612	ug/l	98
44) Trichloroethene	9.11	130	255364	50.550	ug/l	98
45) 1,2-Dichloropropane	9.38	63	244009	52.240	ug/l	98
46) Dibromomethane	9.47	93	135802	52.909	ug/l	98
47) Bromodichloromethane	9.66	83	366888	52.457	ug/l	99
48) Methyl methacrylate	9.46	41	131737	52.044	ug/l	93
49) 1,4-Dioxane	9.46	88	27968	1017.221	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	680436	265.586	ug/l	100
52) Toluene	10.40	92	632567	52.262	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	327261	52.378	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	390553	52.627	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	174928	51.691	ug/l	96
56) Ethyl methacrylate	10.66	69	219959	57.276	ug/l	97
57) 1,3-Dichloropropane	10.94	76	307691	51.810	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	409390	242.725	ug/l	98
59) 2-Hexanone	10.98	43	462603	268.727	ug/l	99
60) Dibromochloromethane	11.14	129	233856	53.035	ug/l	98
61) 1,2-Dibromoethane	11.24	107	168213	51.818	ug/l	99
64) Tetrachloroethene	10.87	164	207358	48.186	ug/l	96
65) Chlorobenzene	11.67	112	634089	48.582	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	248078	51.515	ug/l	97
67) Ethyl Benzene	11.74	91	1204333	50.942	ug/l	97
68) m/p-Xylenes	11.85	106	899559	100.677	ug/l	100
69) o-Xylene	12.18	106	410947	52.045	ug/l	99
70) Styrene	12.19	104	716693	51.571	ug/l	98
71) Bromoform	12.36	173	123818	51.233	ug/l	96
73) Isopropylbenzene	12.48	105	1120891	51.221	ug/l	99
74) N-amyl acetate	12.29	43	238284	51.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	179300	48.218	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	120069m	47.853	ug/l	
77) Bromobenzene	12.76	156	245914	48.756	ug/l	99
78) n-propylbenzene	12.82	91	1334708	50.034	ug/l	99
79) 2-Chlorotoluene	12.91	91	746392	49.482	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	933933	50.475	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	58100	49.973	ug/l	97
82) 4-Chlorotoluene	13.01	91	794883	49.838	ug/l	100
83) tert-Butylbenzene	13.23	119	778440	51.044	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	952011	51.484	ug/l	99
85) sec-Butylbenzene	13.40	105	1077050	49.263	ug/l	99
86) p-Isopropyltoluene	13.52	119	1003916	50.508	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	482857	49.900	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	472444	49.030	ug/l	98
89) n-Butylbenzene	13.84	91	928453	49.124	ug/l	99
90) Hexachloroethane	14.11	117	199679	48.903	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	407162	49.107	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30706	51.083	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	260206	51.887	ug/l	99
94) Hexachlorobutadiene	15.27	225	150146	49.694	ug/l	99
95) Naphthalene	15.40	128	470726	53.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	222264	50.742	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

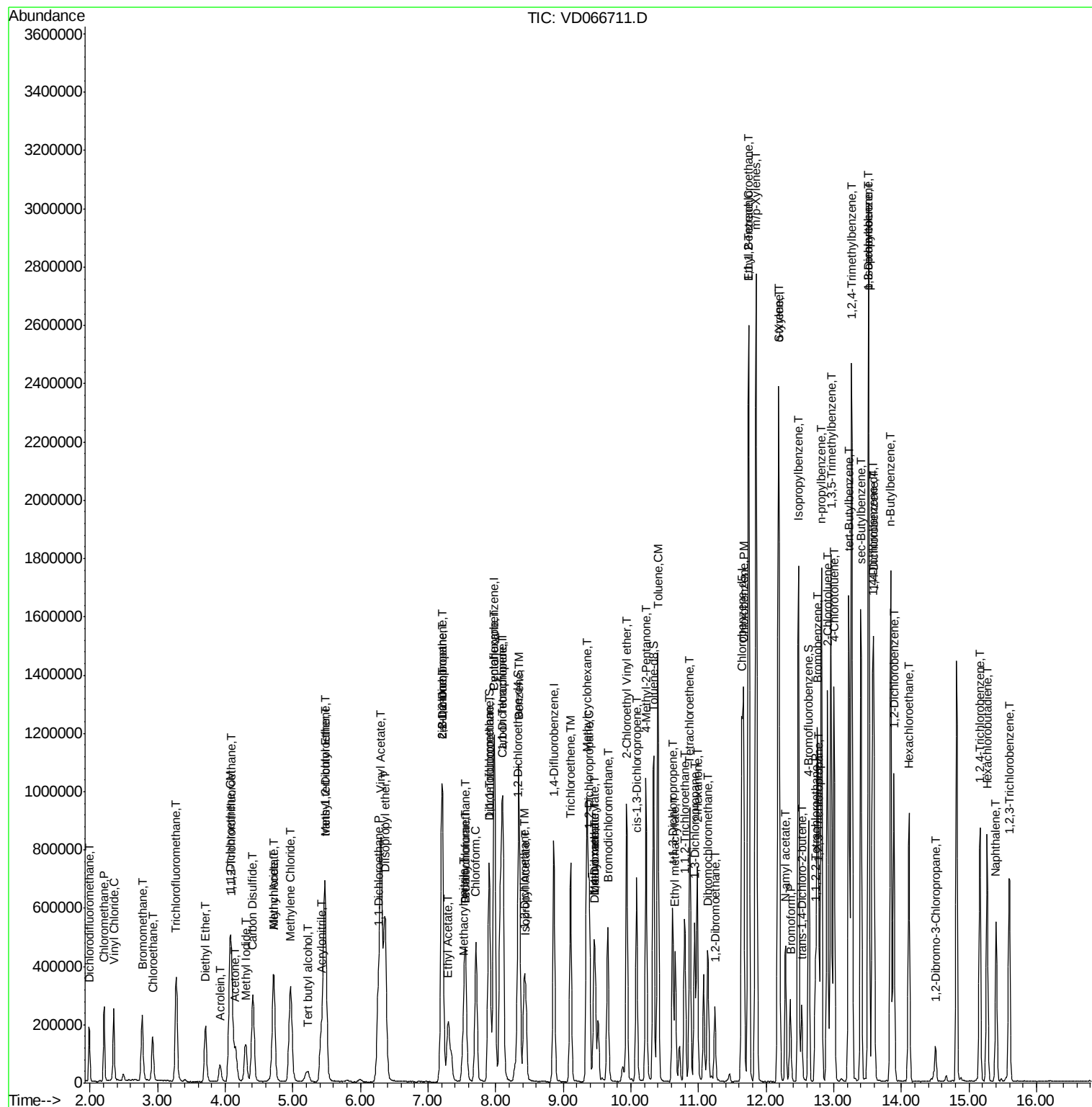
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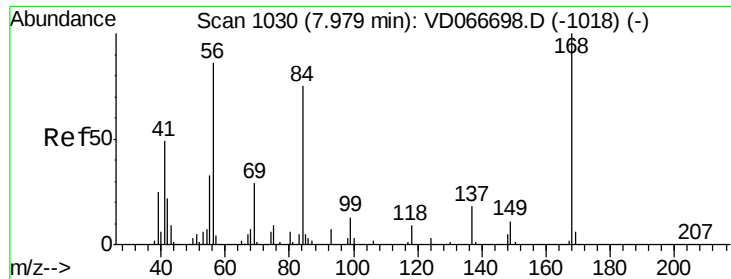
Instrument :
 MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 402546

Ion Ratio Lower Upper

168 100

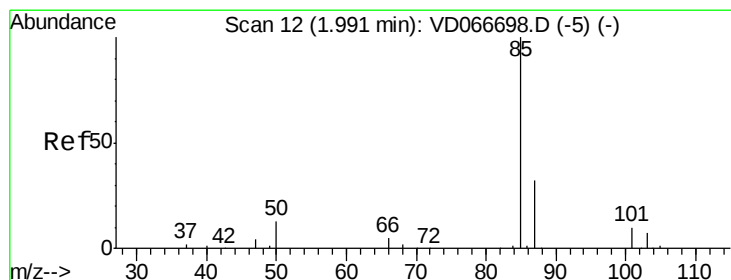
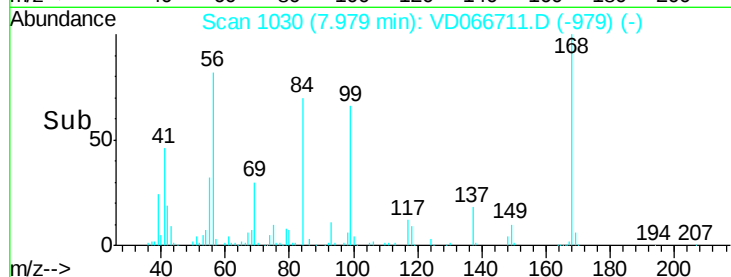
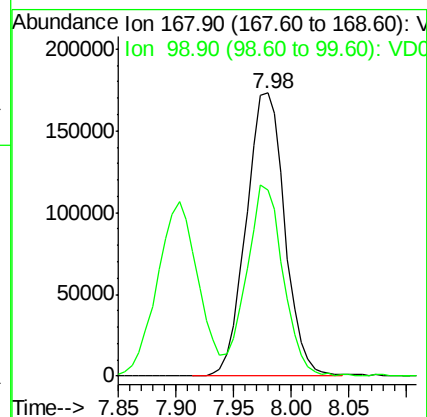
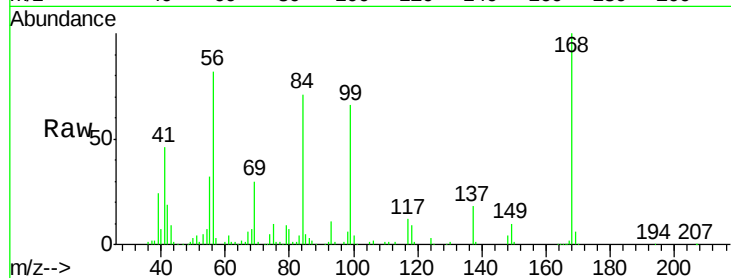
99 65.0 54.4 81.6

Manual Integrations

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9/16/2020 11:44:30 AM



#2

Dichlorodifluoromethane

Concen: 47.069 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066711.D

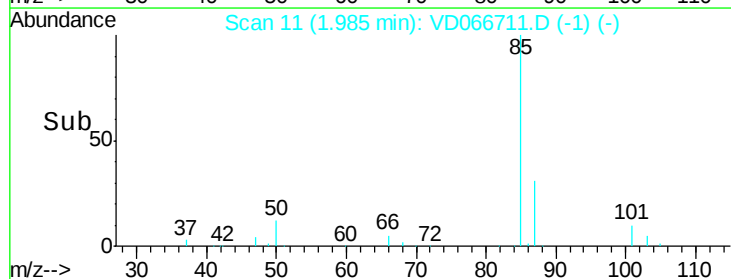
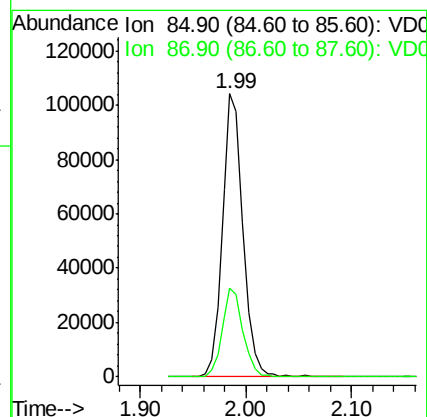
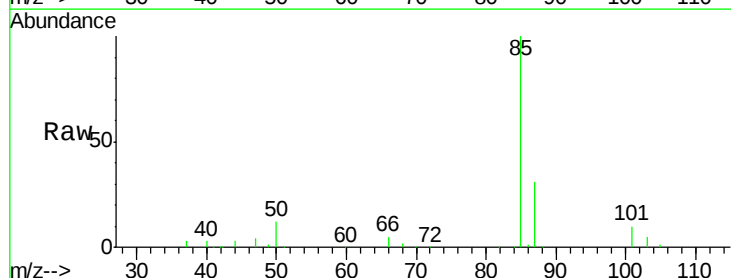
Acq: 15 Sep 2020 22:05

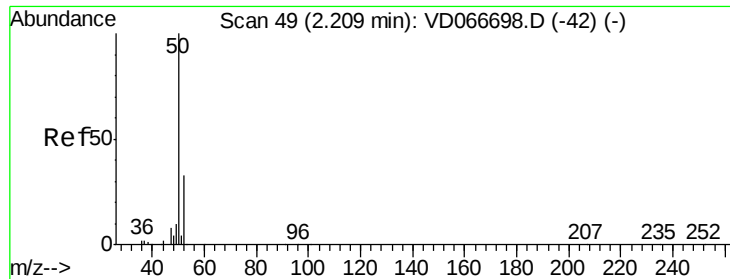
Tgt Ion: 85 Resp: 141138

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.6





#3

Chloromethane

Concen: 47.694 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 208925

Ion Ratio Lower Upper

50 100

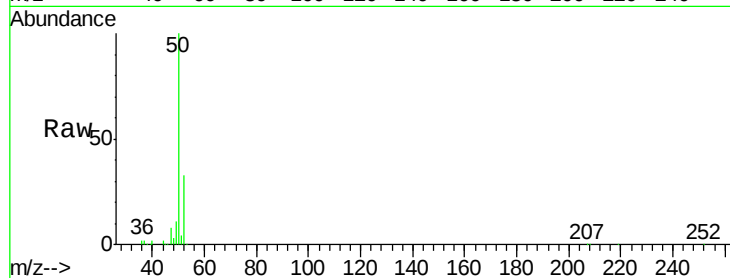
52 33.0 26.8 40.2

Manual Integrations

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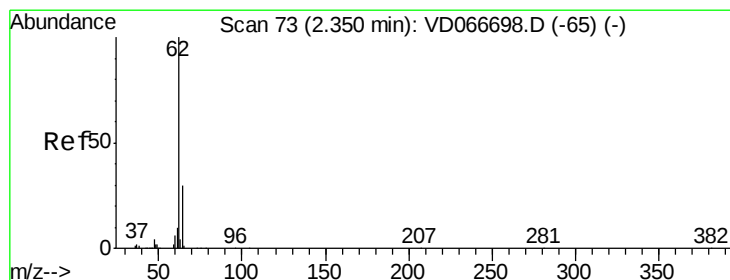
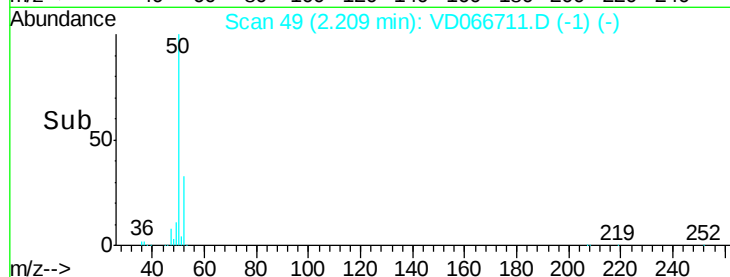
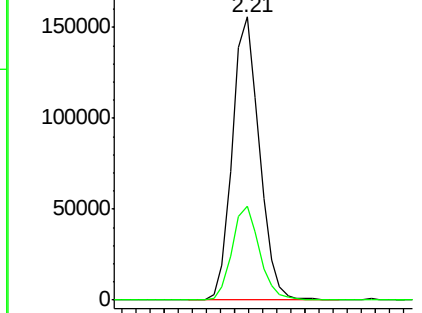
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.817 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066711.D

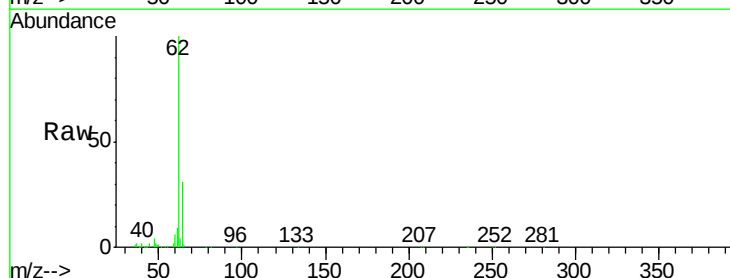
Acq: 15 Sep 2020 22:05

Tgt Ion: 62 Resp: 223805

Ion Ratio Lower Upper

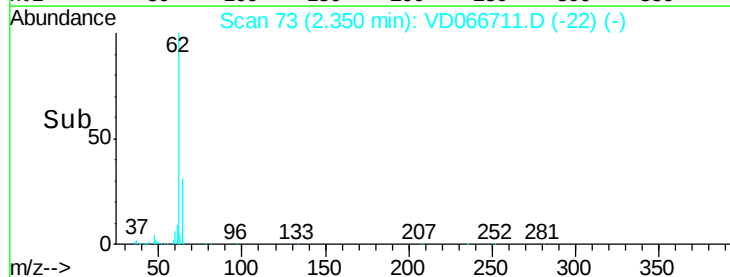
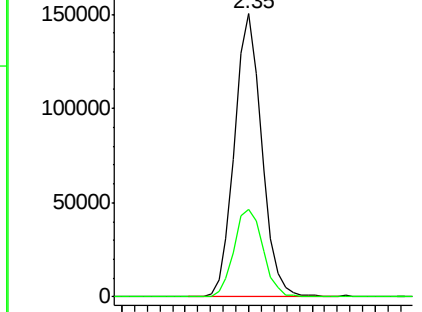
62 100

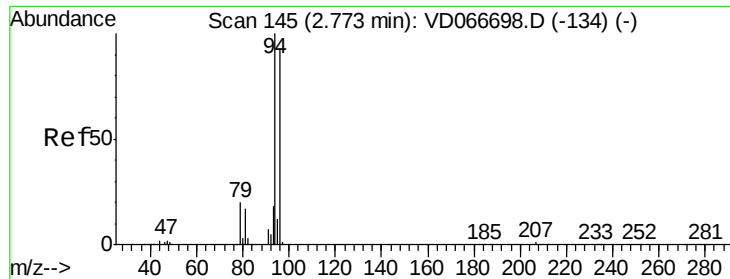
64 30.9 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 50.936 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 165655

Ion Ratio Lower Upper

94 100

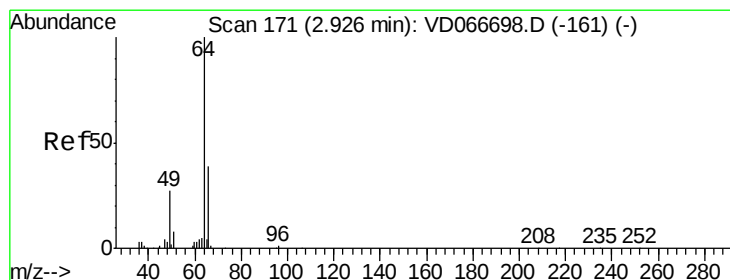
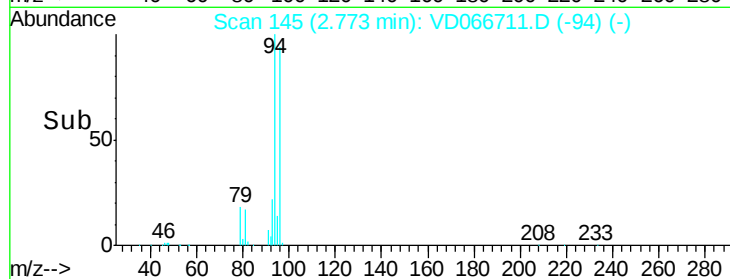
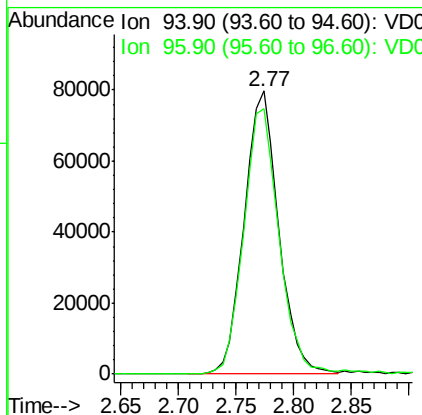
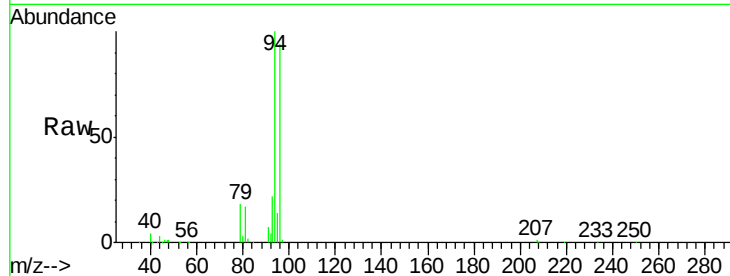
96 93.6 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 52.578 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD066711.D

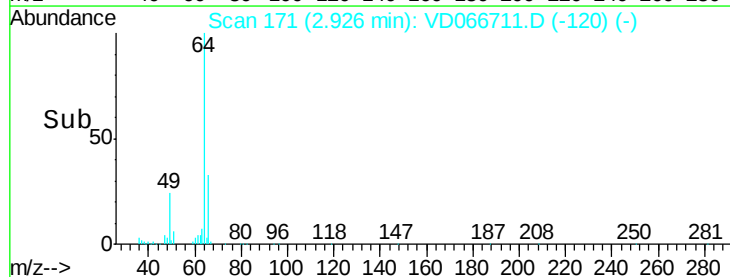
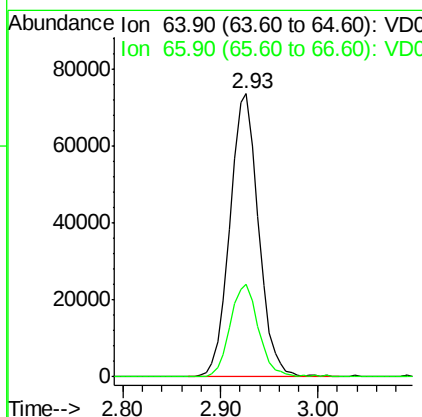
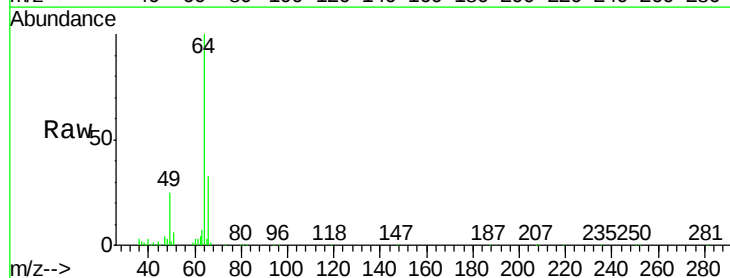
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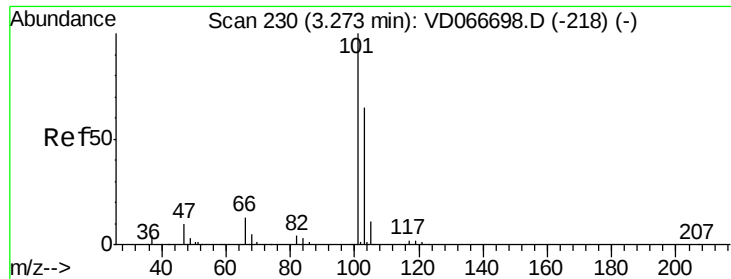
Tgt Ion: 64 Resp: 150163

Ion Ratio Lower Upper

64 100

66 32.8 30.9 46.3





#7

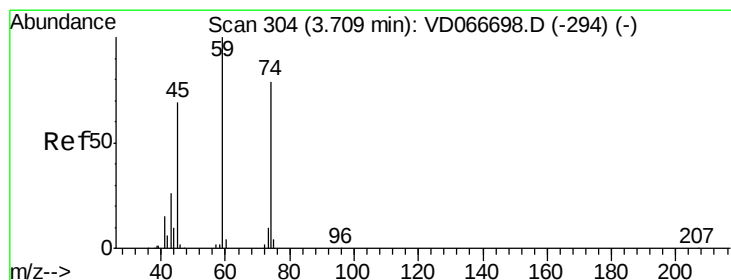
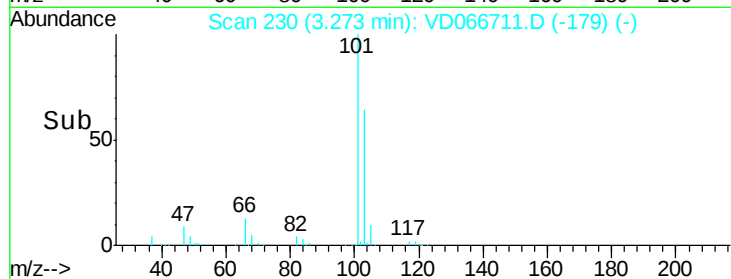
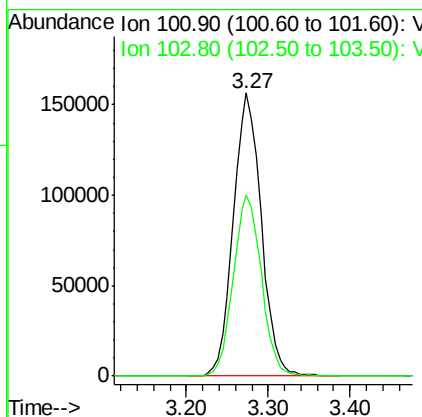
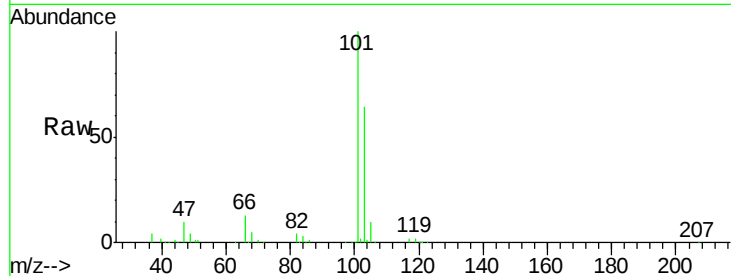
Trichlorofluoromethane
 Concen: 47.084 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.8	77.8

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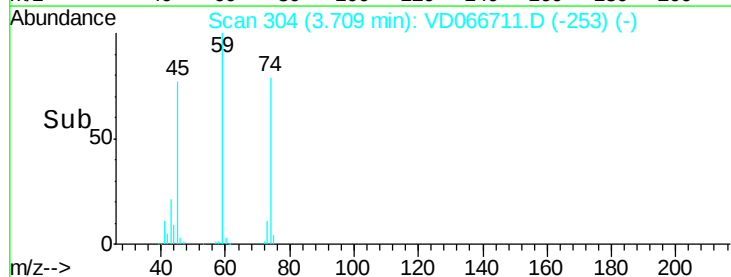
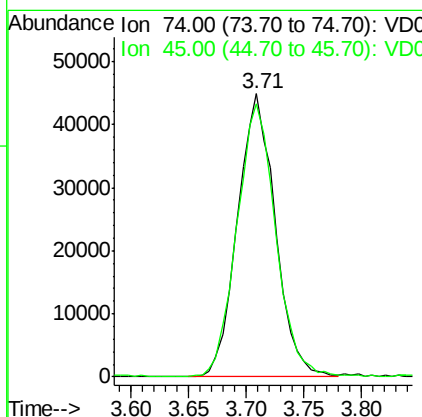
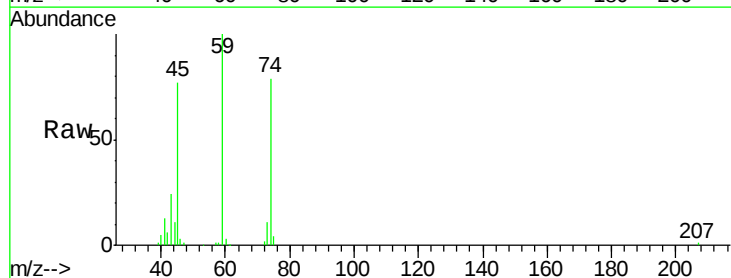
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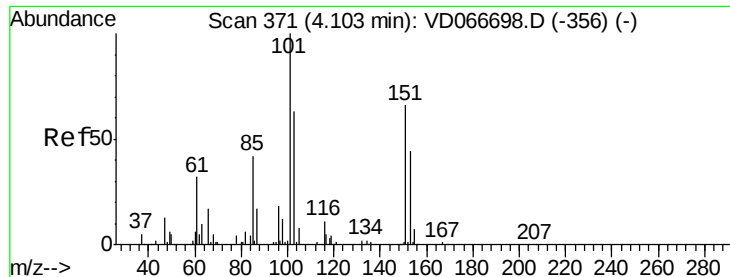


#8

Diethyl Ether
 Concen: 51.414 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	48.0	144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.510 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

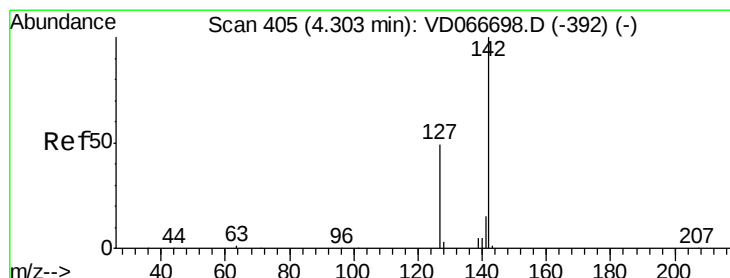
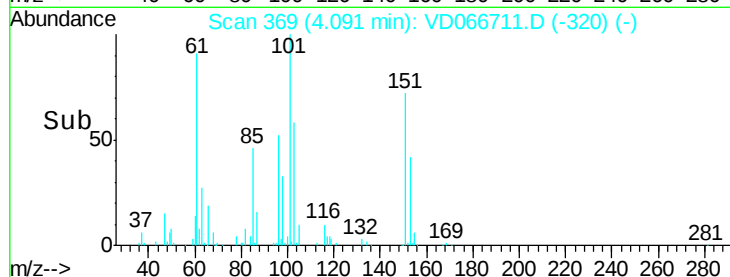
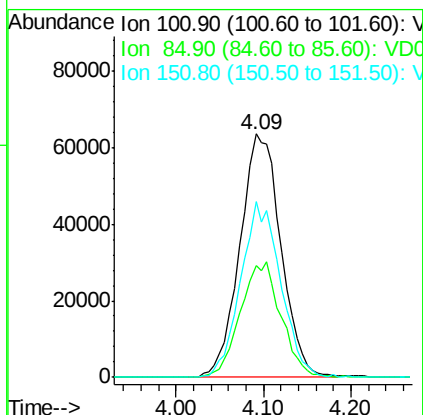
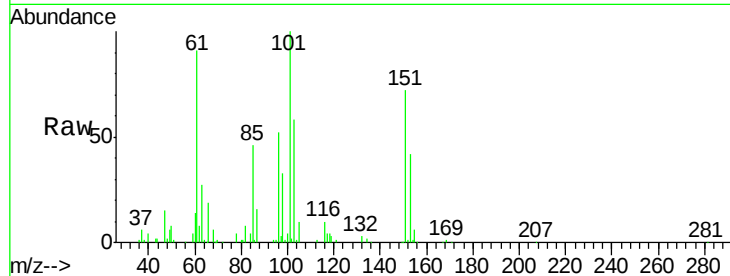
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	202401
Ion Ratio	Lower	Upper	
101	100		
85	47.2	36.3	54.5
151	70.2	58.0	87.0

Manual Integrations
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#10

Methyl Iodide

Concen: 51.478 ug/l

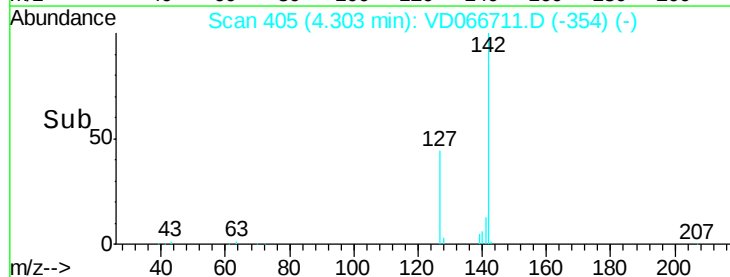
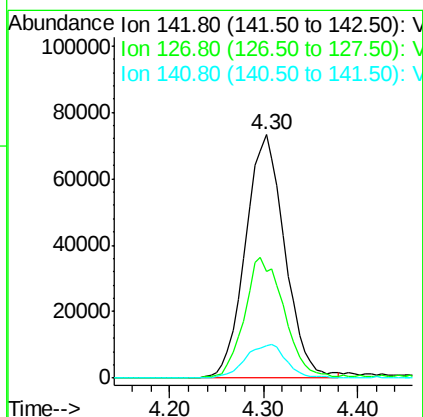
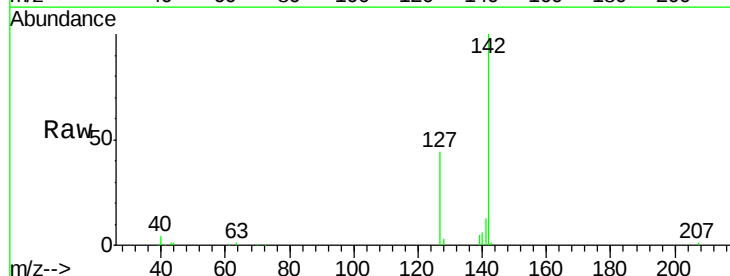
RT: 4.30 min Scan# 405

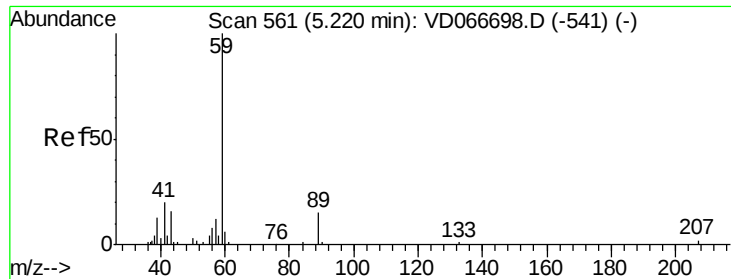
Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	142	Resp:	212552
Ion Ratio	Lower	Upper	
142	100		
127	50.1	39.0	58.4
141	14.5	11.7	17.5





#11

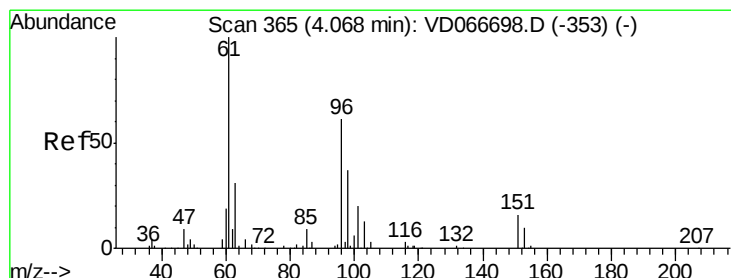
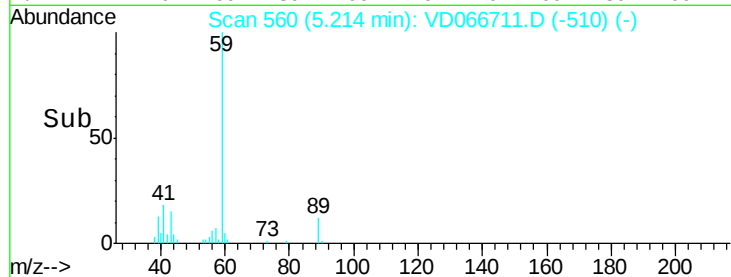
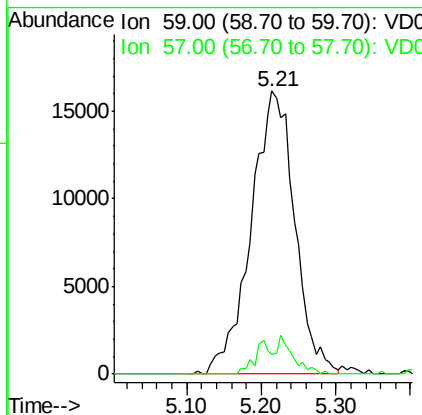
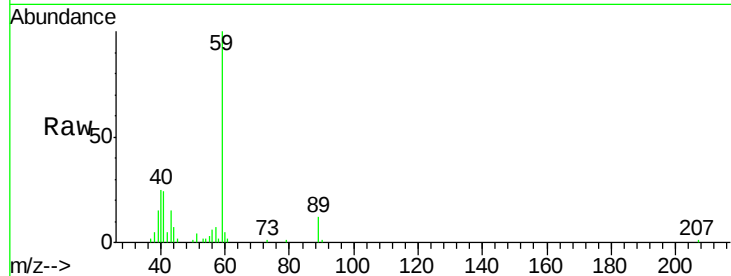
Tert butyl alcohol
 Concen: 228.797 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.1	6.7	10.1#

Manual Integrations
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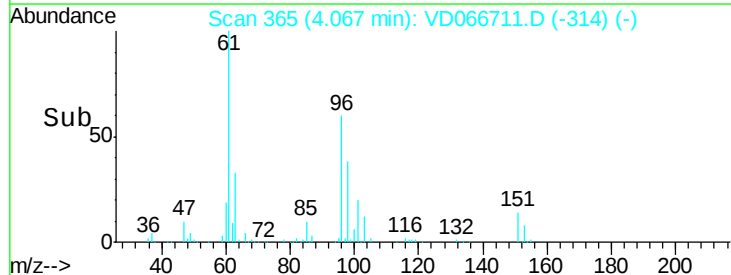
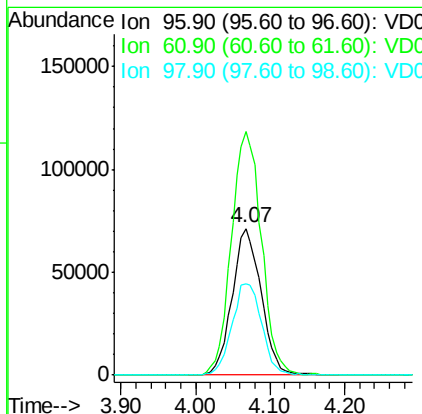
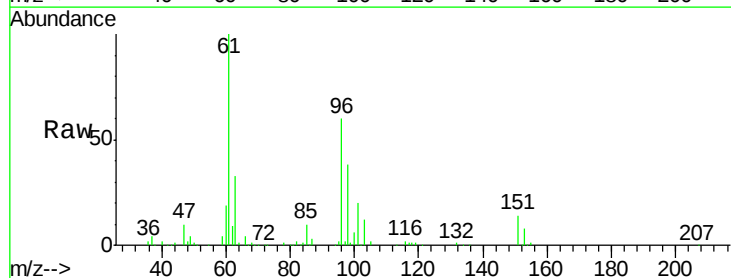
MMDadoda
 9/16/2020 11:44:30 AM

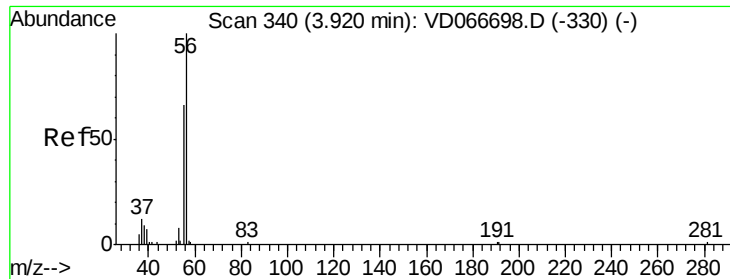


#12

1,1-Dichloroethene
 Concen: 47.899 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.2	131.9	197.9
98	62.3	49.1	73.7





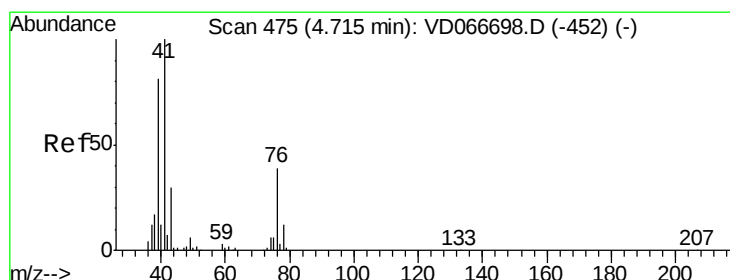
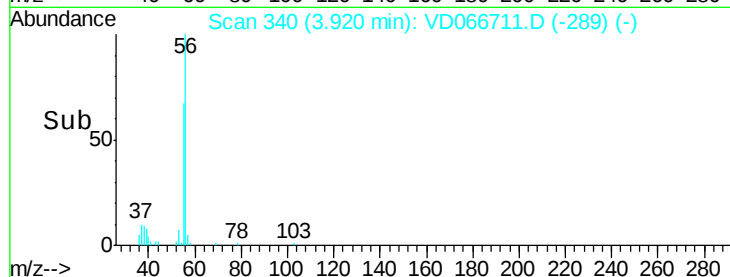
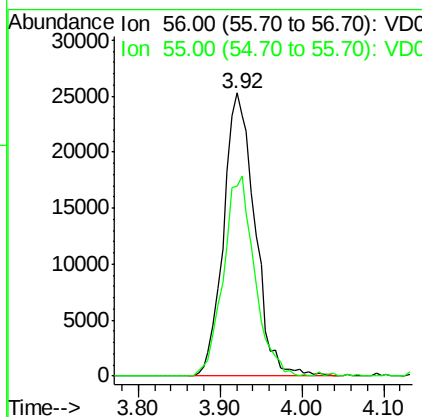
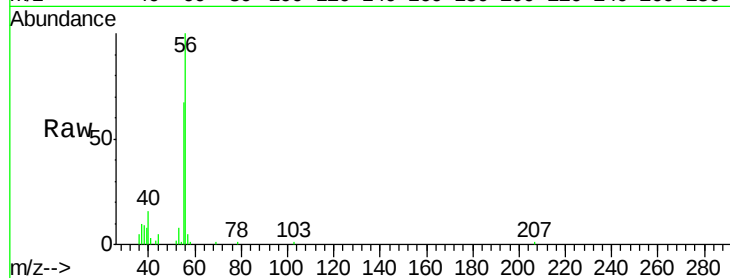
#13
Acrolein
Concen: 222.312 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	67341
Ion Ratio	100	Lower	Upper
55	70.1	54.7	82.1

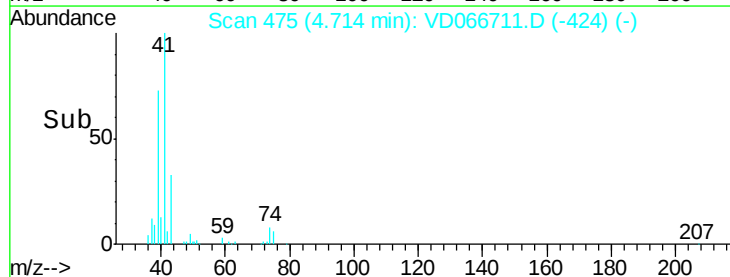
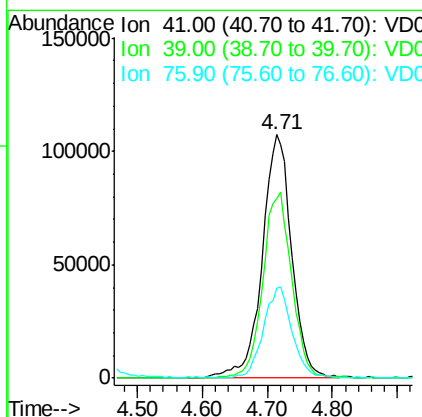
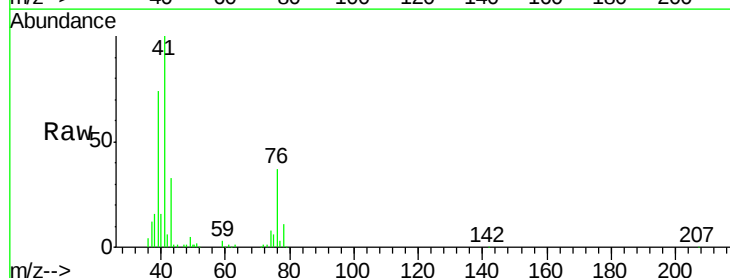
Manual Integrations
APPROVED

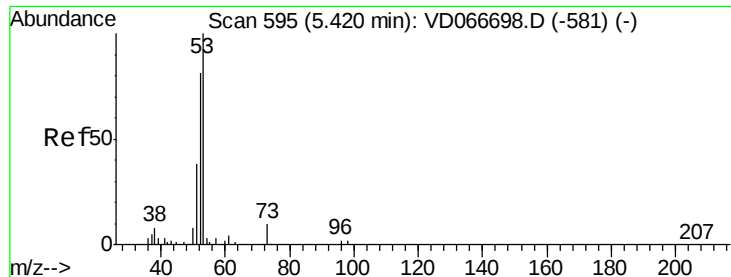
MMDadoda
9/16/2020 11:44:30 AM



#14
Allyl chloride
Concen: 51.834 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	41	Resp	335298
Ion Ratio	100	Lower	Upper
39	74.9	60.6	90.8
76	36.6	29.2	43.8





#15

Acrylonitrile

Concen: 264.219 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

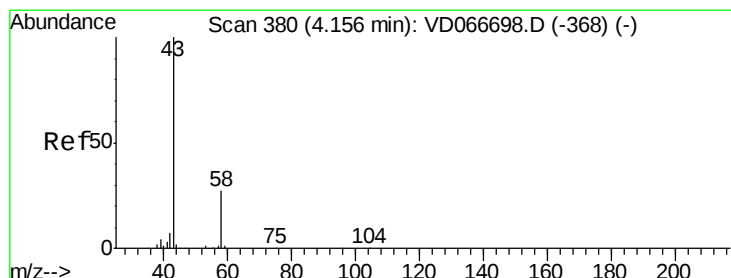
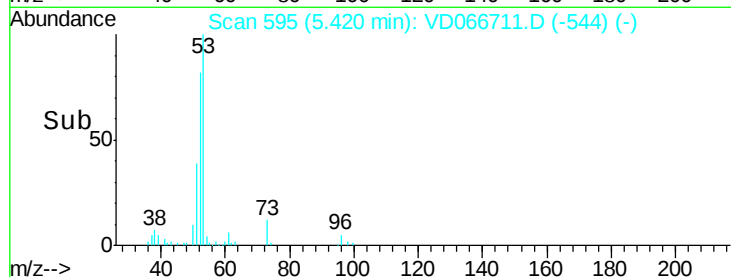
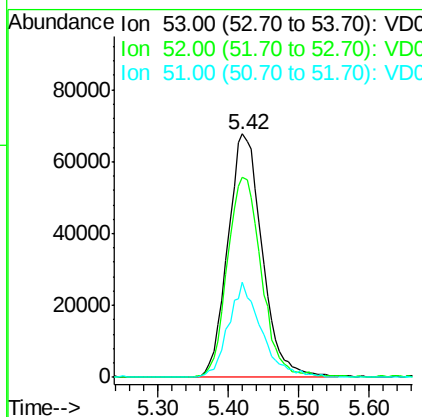
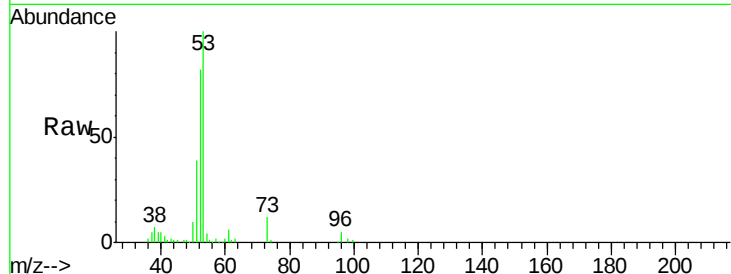
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	229509
Ion Ratio	Lower	Upper	
53	100		
52	81.2	66.6	99.8
51	37.4	31.0	46.6

Manual Integrations
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#16

Acetone

Concen: 214.423 ug/l

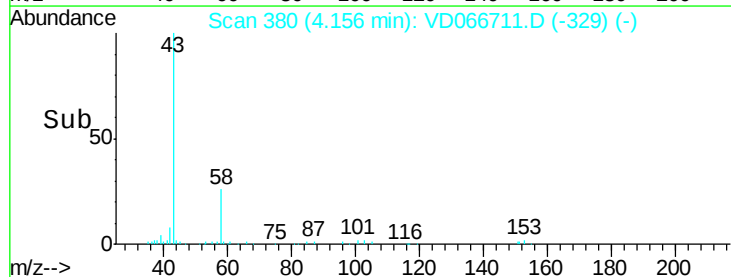
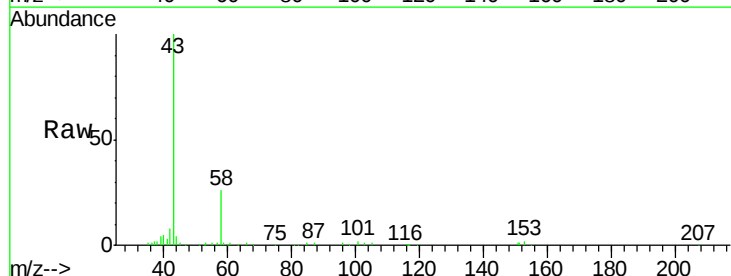
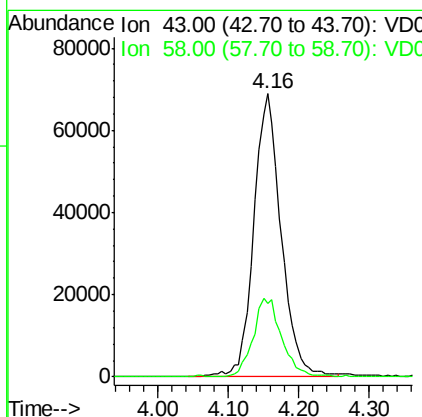
RT: 4.16 min Scan# 380

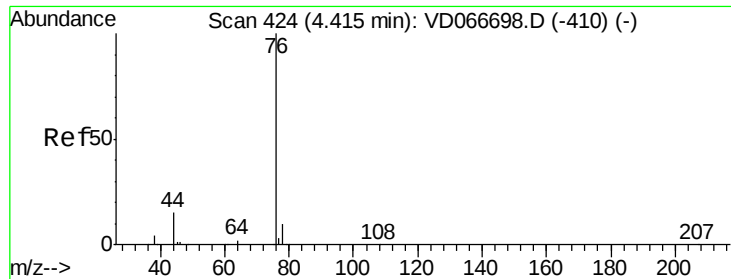
Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	43	Resp:	187537
Ion Ratio	Lower	Upper	
43	100		
58	25.8	21.9	32.9





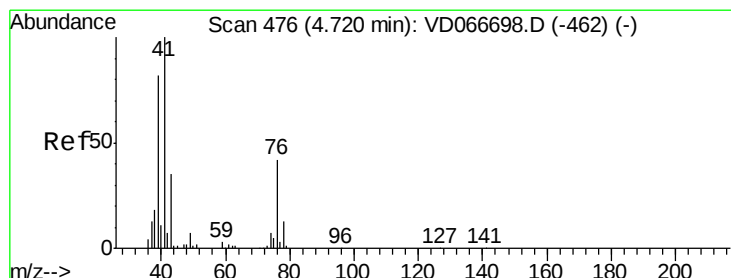
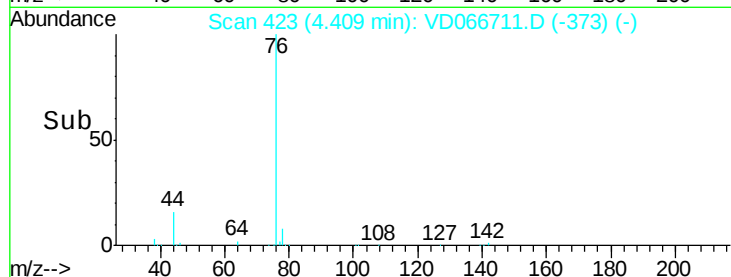
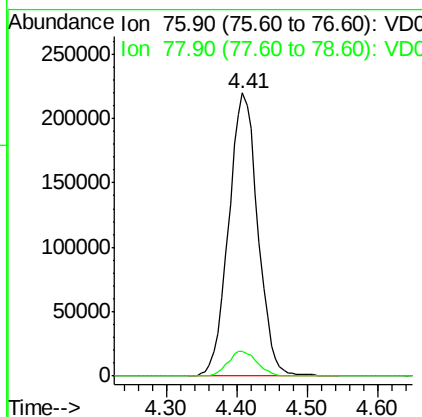
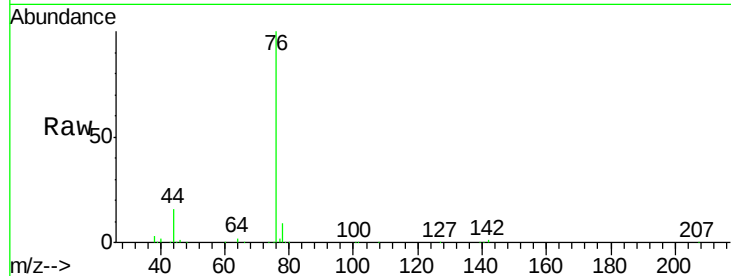
#17
Carbon Disulfide
Concen: 49.661 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	8.0	12.0

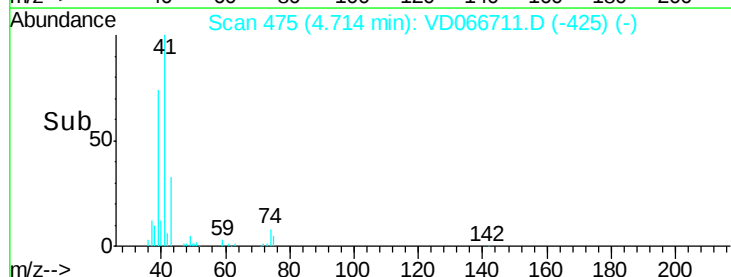
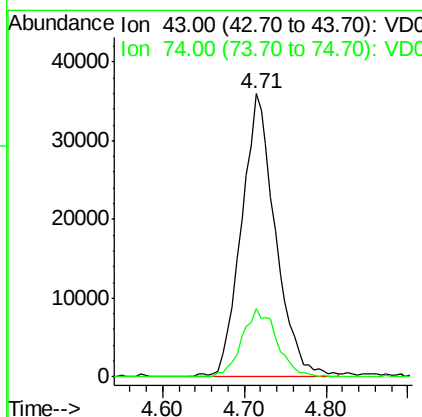
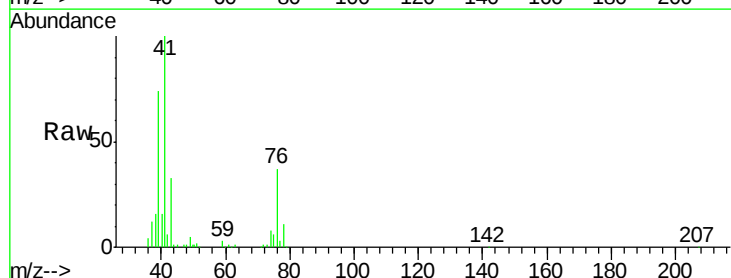
Manual Integrations
APPROVED

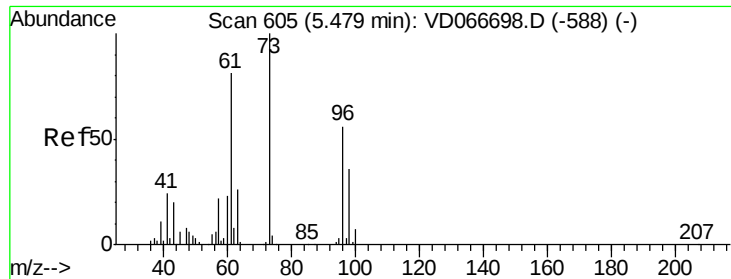
MMDadoda
9/16/2020 11:44:30 AM



#18
Methyl Acetate
Concen: 56.112 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	18.6	28.0





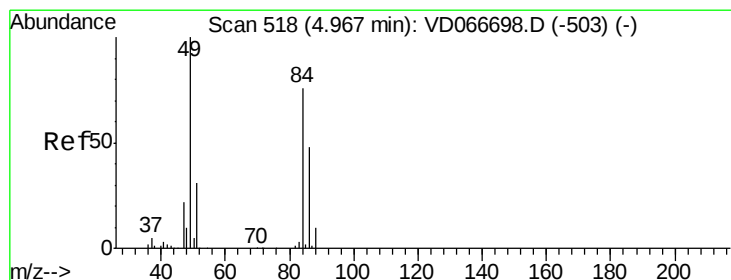
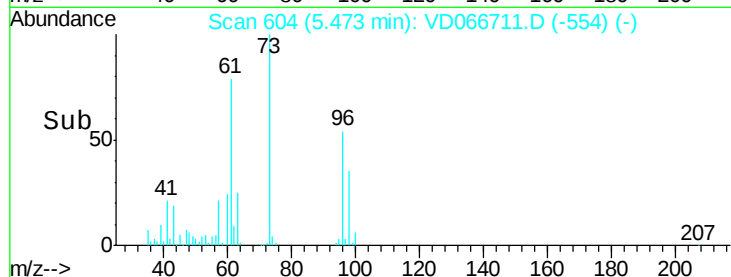
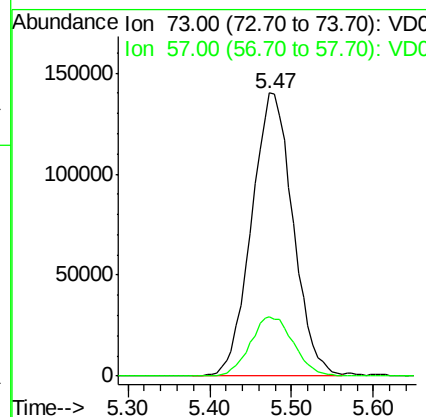
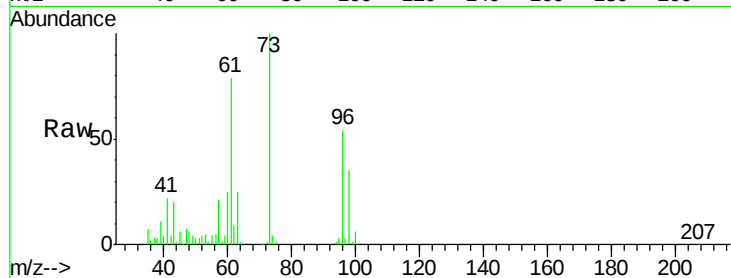
#19
Methvl tert-butvl Ether
Concen: 55.087 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 494224
Ion Ratio Lower Upper
73 100
57 21.1 17.8 26.6

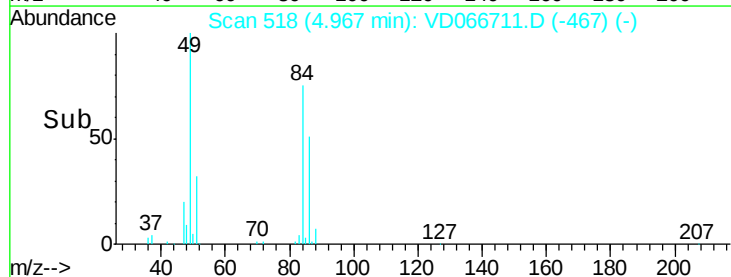
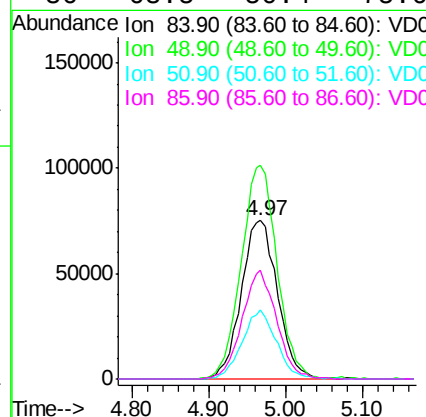
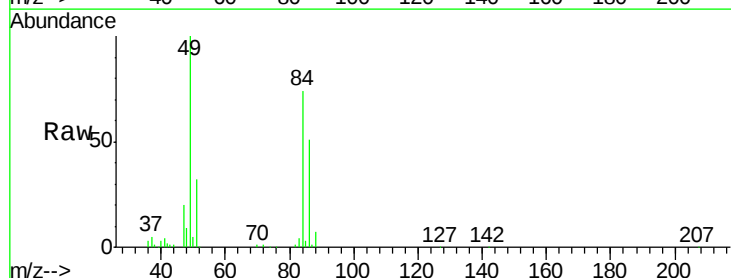
Manual Integrations
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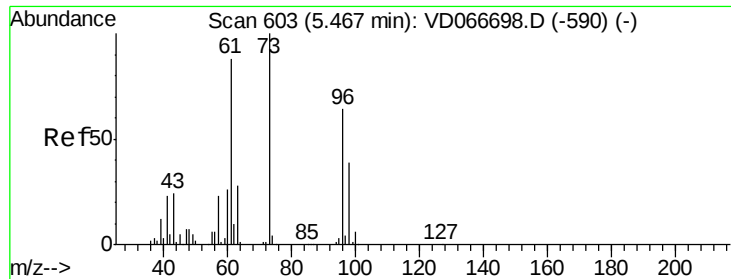
MMDadoda
9/16/2020 11:44:30 AM



#20
Methylene Chloride
Concen: 53.430 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion: 84 Resp: 248825
Ion Ratio Lower Upper
84 100
49 134.7 105.0 157.6
51 43.4 32.2 48.4
86 68.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 51.252 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

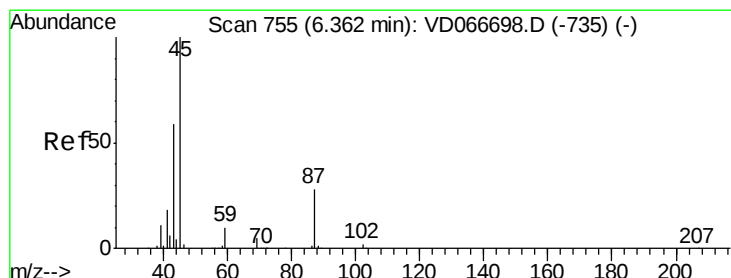
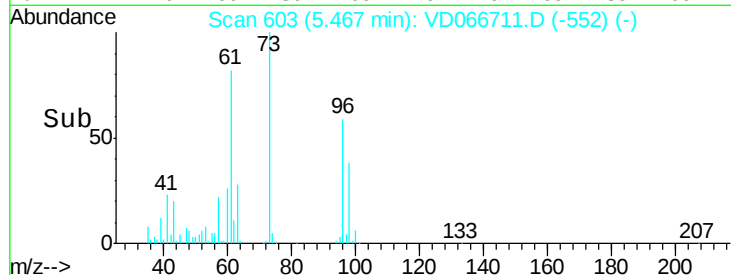
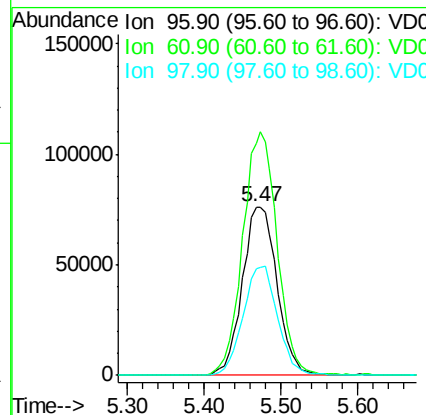
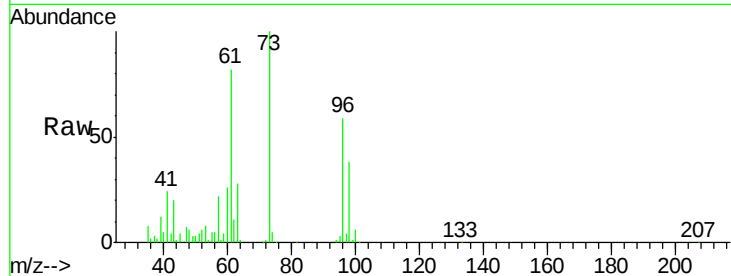
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	240516
Ion	Ratio	Lower	Upper
96	100		
61	138.0	110.6	166.0
98	63.7	49.2	73.8

Manual Integrations
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MMDadoda
9/16/2020 11:44:30 AM



#22

Diisopropyl ether

Concen: 55.608 ug/l

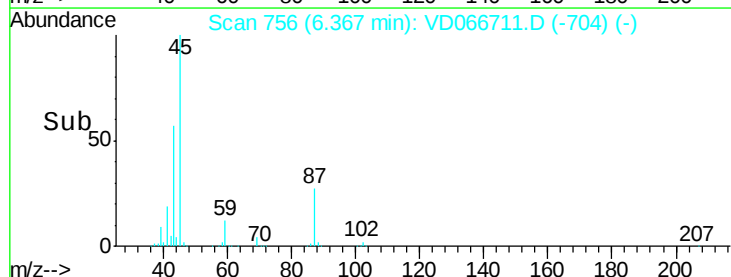
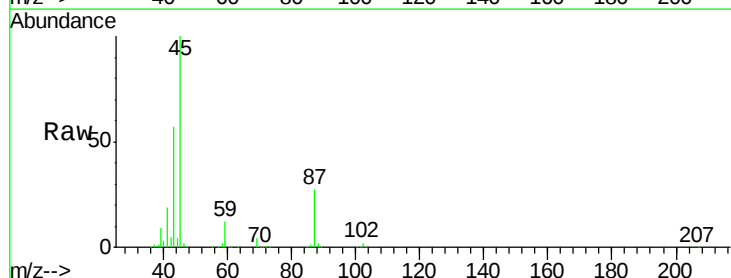
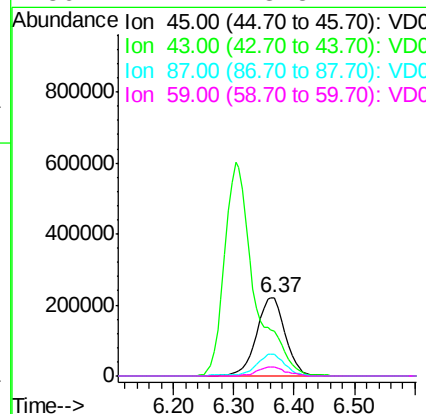
RT: 6.37 min Scan# 756

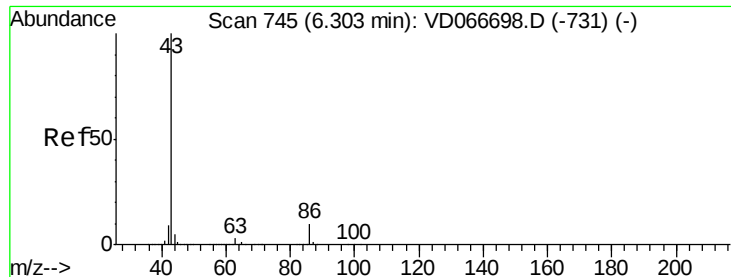
Delta R.T. 0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	45	Resp:	730903
Ion	Ratio	Lower	Upper
45	100		
43	57.1	46.9	70.3
87	27.3	22.4	33.6
59	11.7	8.5	12.7





#23

Vinyl Acetate

Concen: 281.180 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2055770

Ion Ratio Lower Upper

43 100

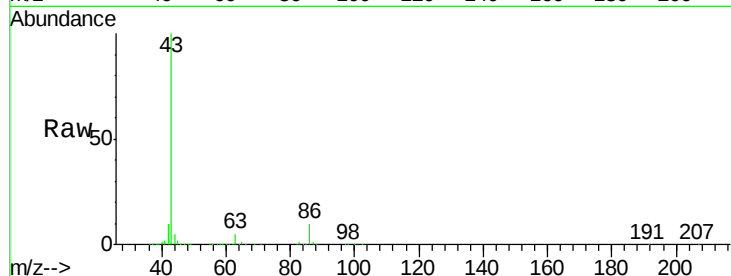
86 9.8 7.8 11.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

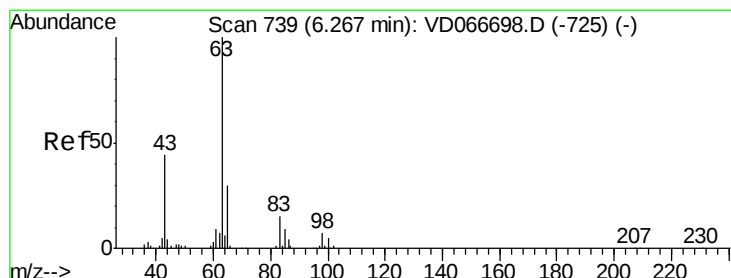
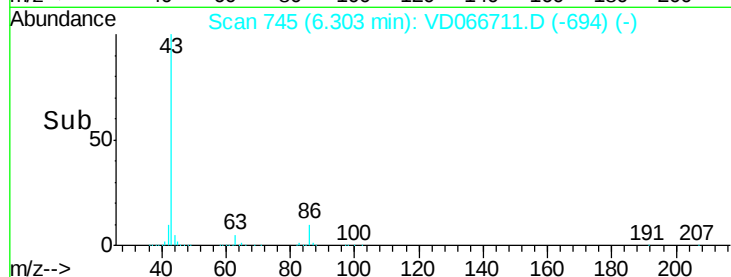
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.673 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

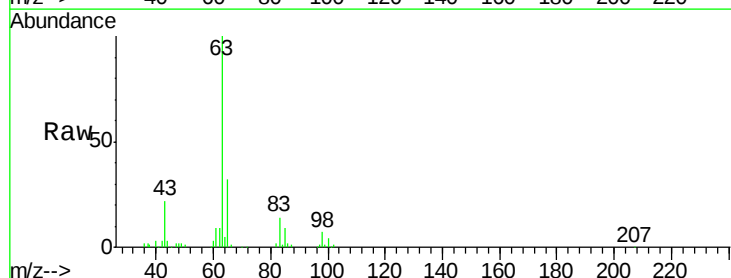
Tgt Ion: 63 Resp: 430985

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.3 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

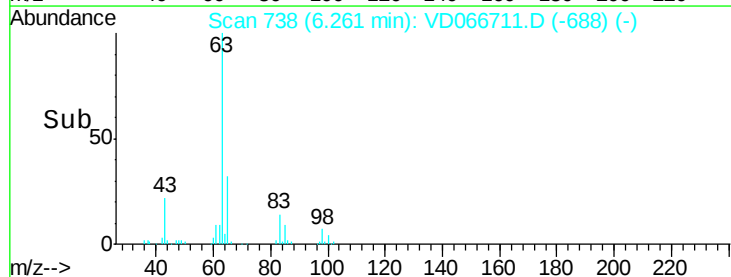
150000

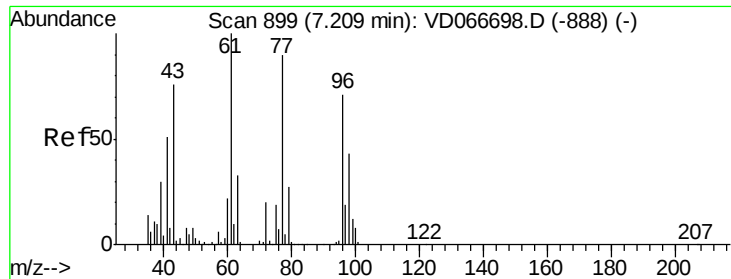
100000

50000

0

Time-->





#25

2-Butanone

Concen: 253.419 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 288612

Ion Ratio Lower Upper

43 100

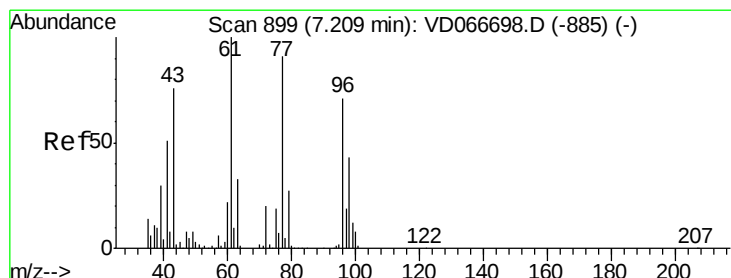
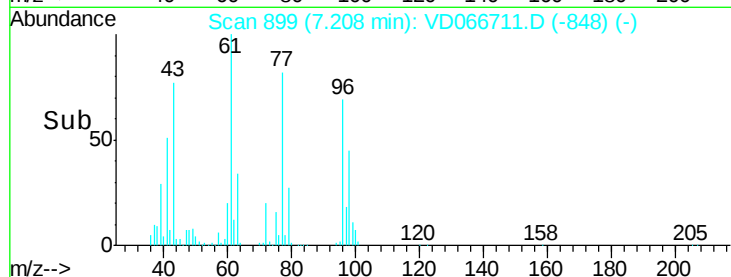
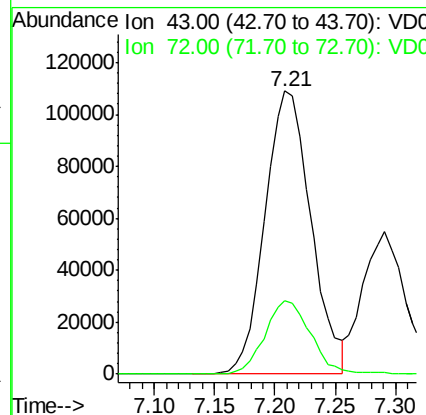
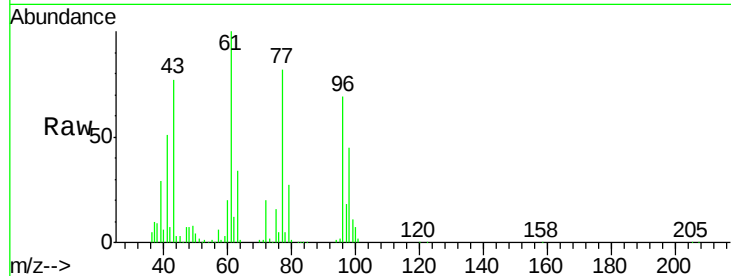
72 25.7 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.059 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066711.D

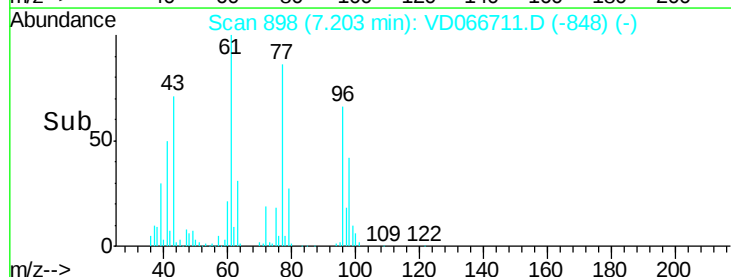
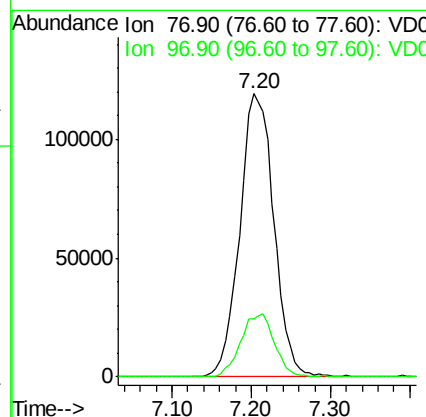
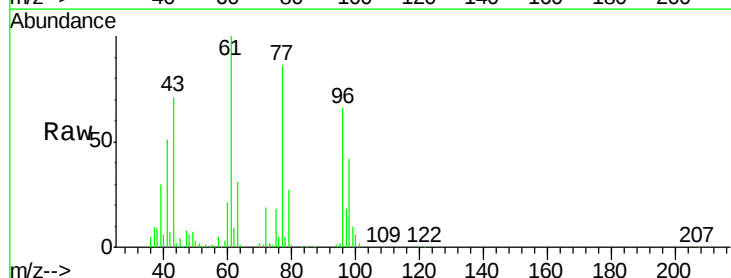
Acq: 15 Sep 2020 22:05

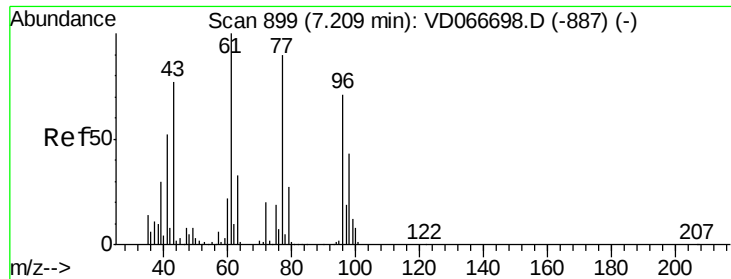
Tgt Ion: 77 Resp: 355244

Ion Ratio Lower Upper

77 100

97 22.0 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 53.065 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

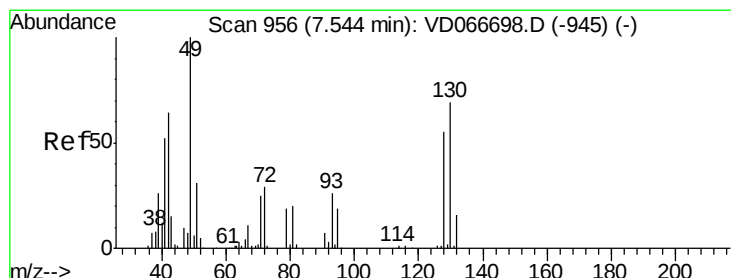
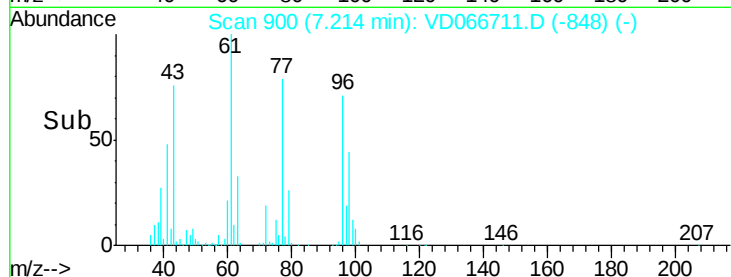
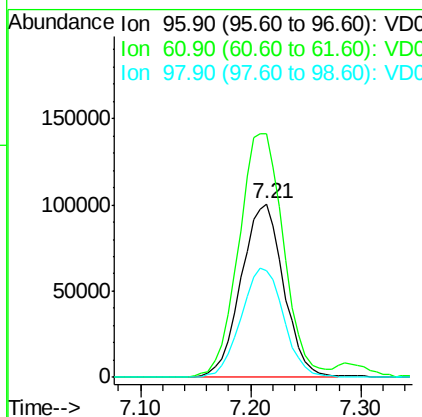
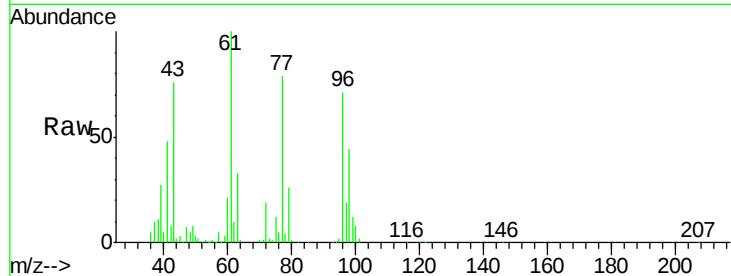
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	272428
Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	292.4
98	63.4	0.0	127.0

Manual Integrations
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#28

Bromochloromethane

Concen: 48.554 ug/l

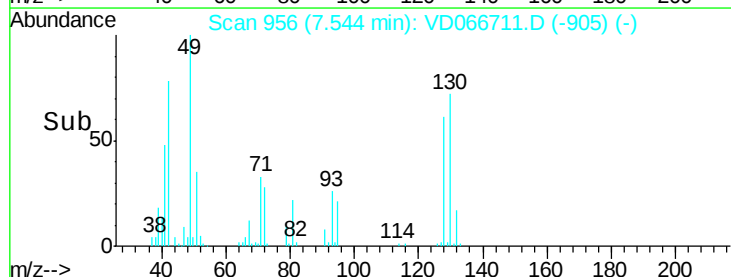
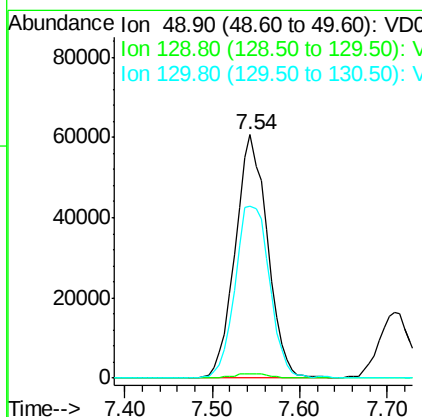
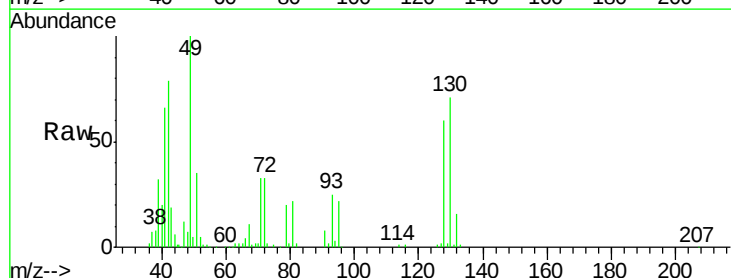
RT: 7.54 min Scan# 956

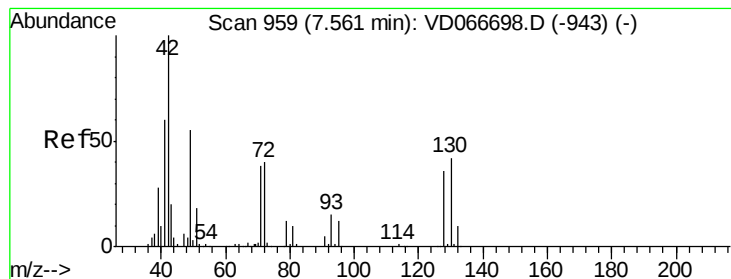
Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	49	Resp:	151264
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	75.7	58.6	88.0





#29

Tetrahydrofuran

Concen: 270.117 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

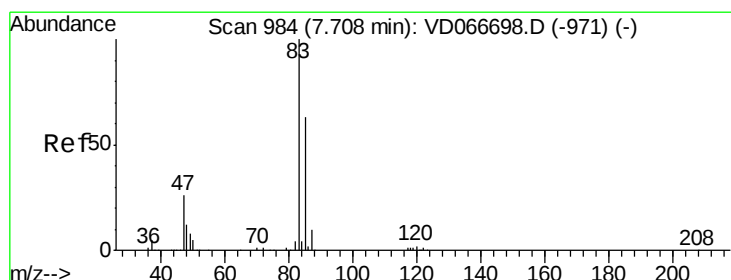
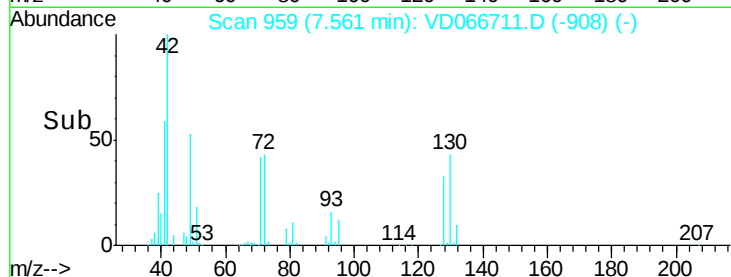
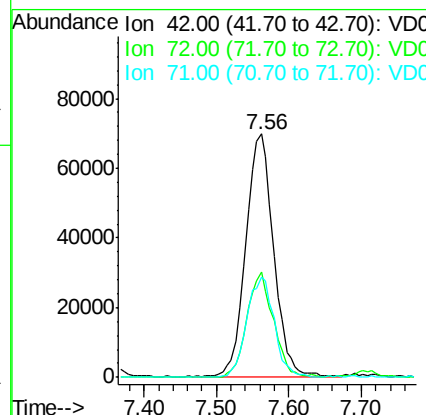
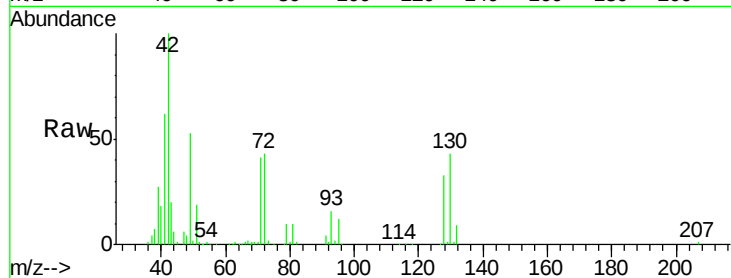
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	188218
Ion Ratio		Lower	Upper
42	100		
72	40.9	32.6	48.8
71	40.3	30.6	45.8

Manual Integrations
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#30

Chloroform

Concen: 52.415 ug/l

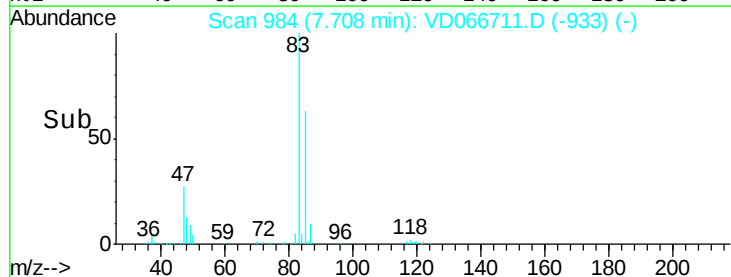
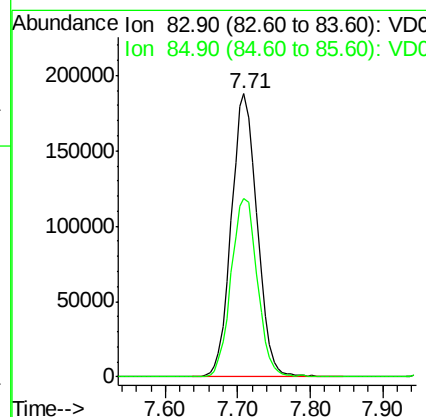
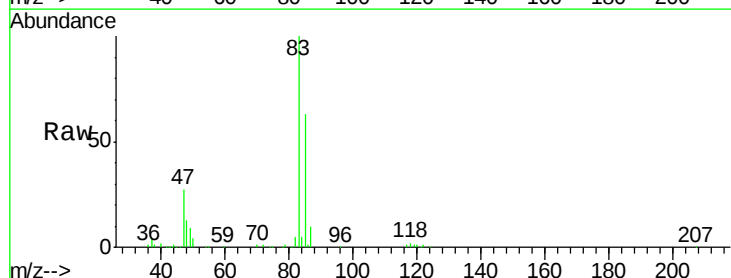
RT: 7.71 min Scan# 984

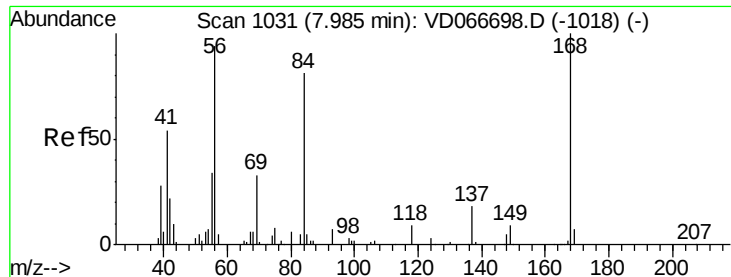
Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	83	Resp:	465285
Ion Ratio		Lower	Upper
83	100		
85	63.2	50.6	76.0





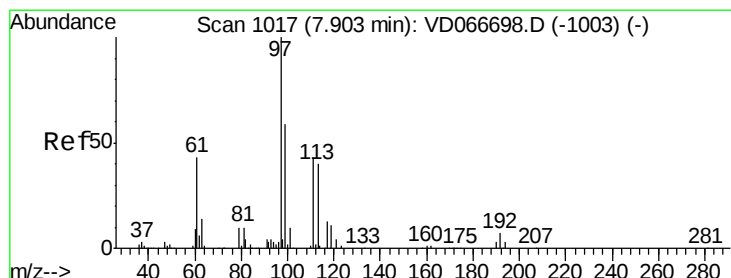
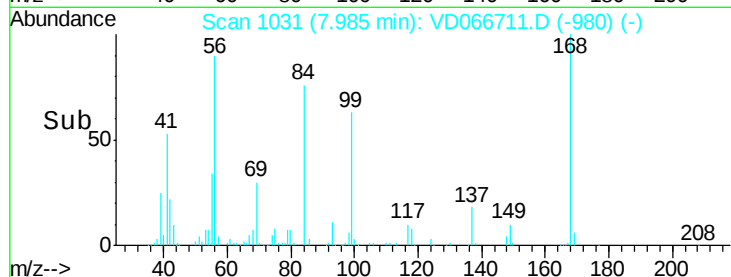
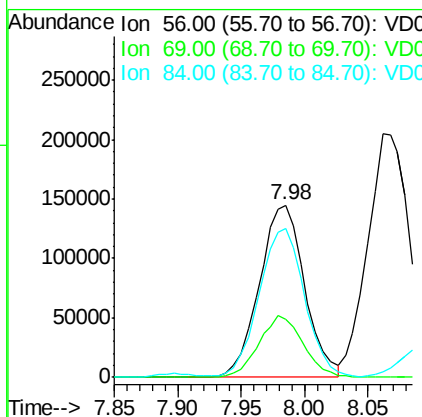
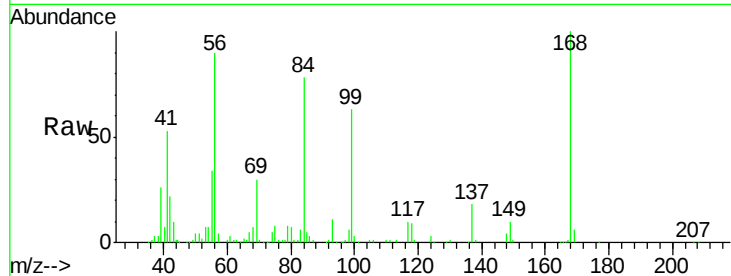
#31
Cyclohexane
Concen: 47.445 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	27.7	41.5
84	84.9	68.5	102.7

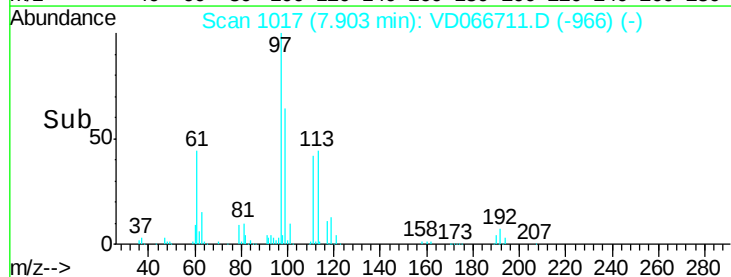
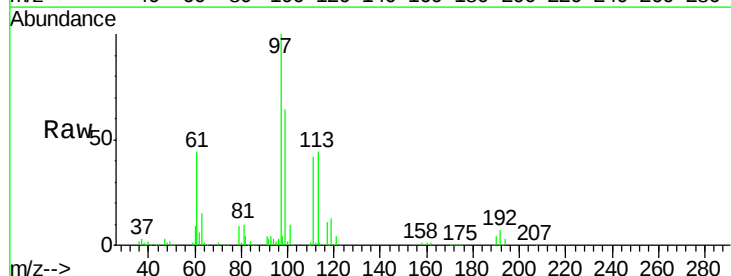
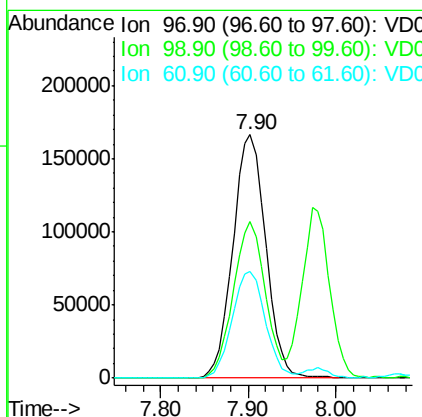
Manual Integrations
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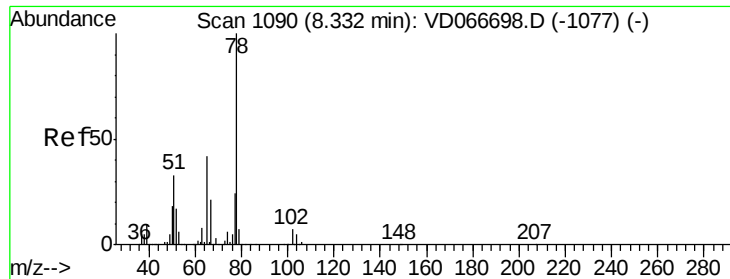
MMDadoda
9/16/2020 11:44:30 AM



#32
1,1,1-Trichloroethane
Concen: 52.089 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.2	51.0	76.4
61	44.1	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 52.394 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 225030

Ion Ratio Lower Upper

65 100

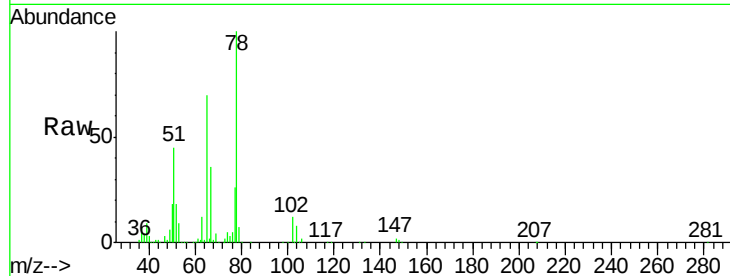
67 50.3 0.0 102.2

Manual Integrations

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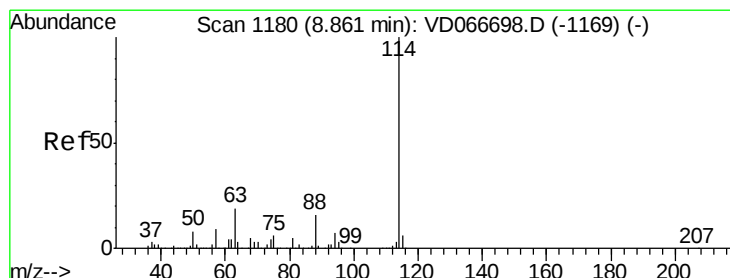
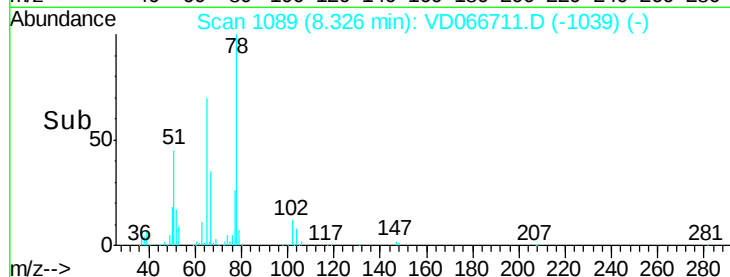
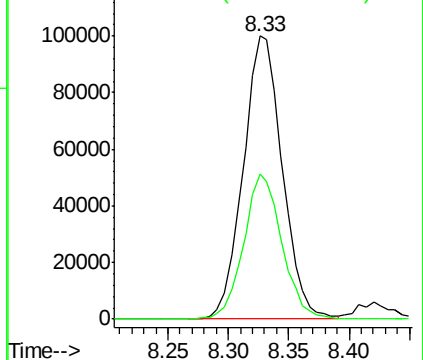
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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

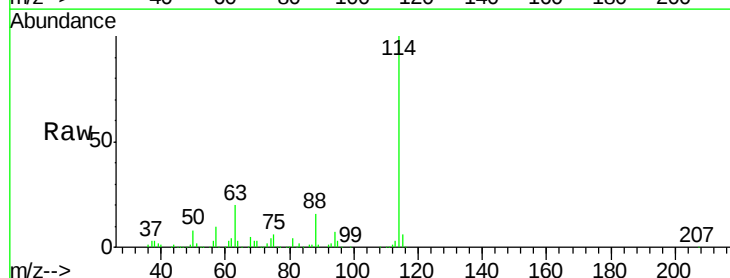
Tgt Ion: 114 Resp: 679267

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.6

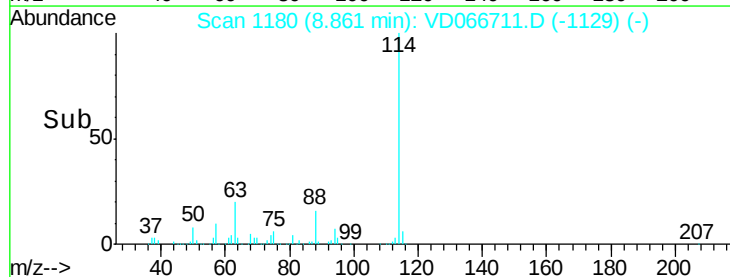
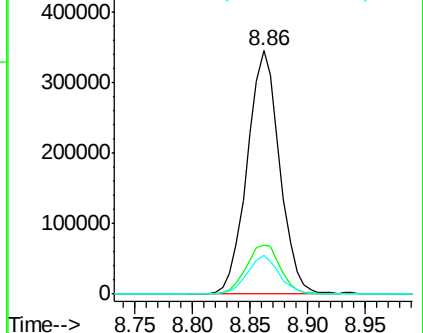
88 15.9 0.0 32.2

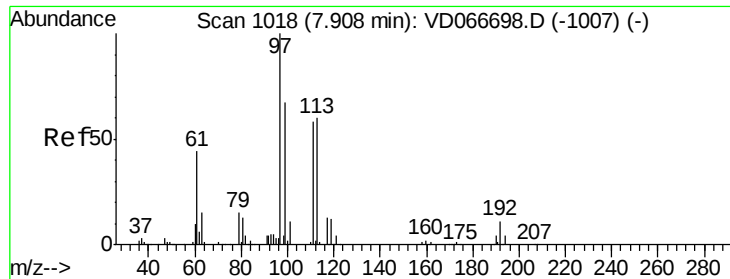


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





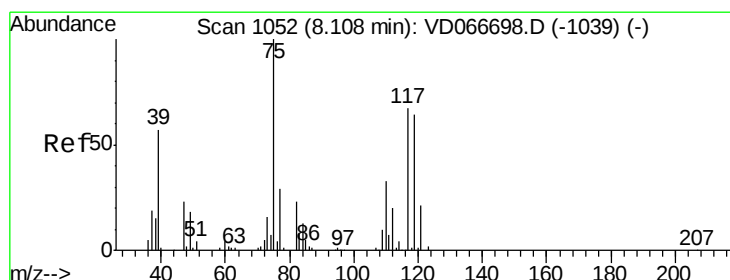
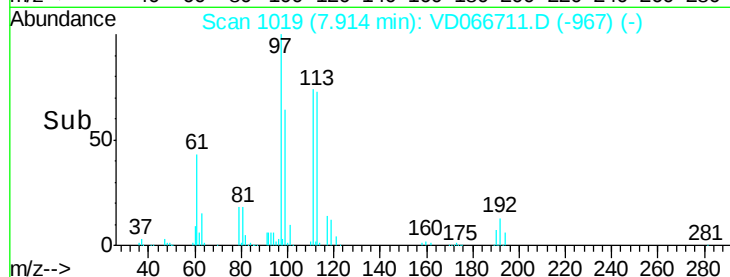
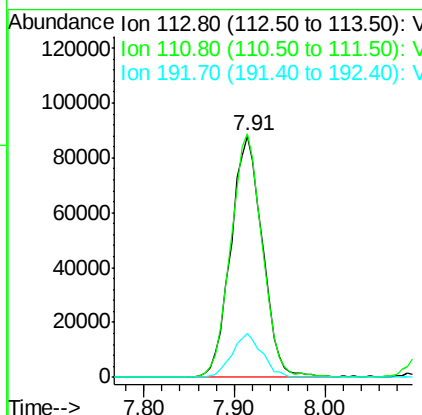
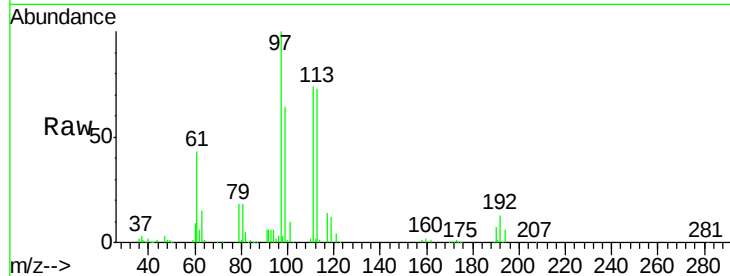
#35
 Dibromofluoromethane
 Concen: 51.262 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	213485		
111	100.5	83.2	124.8	
192	17.2	14.8	22.2	

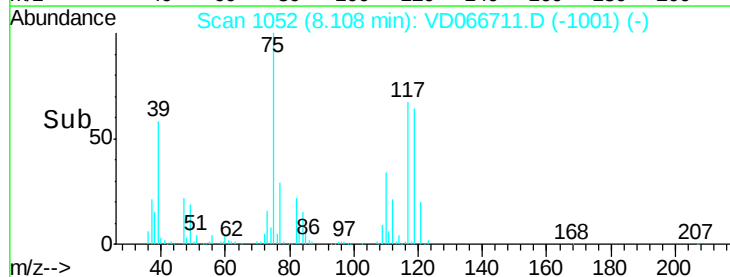
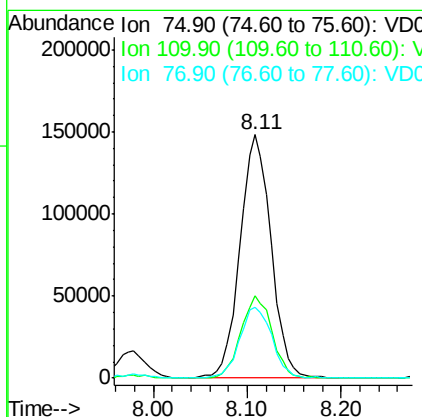
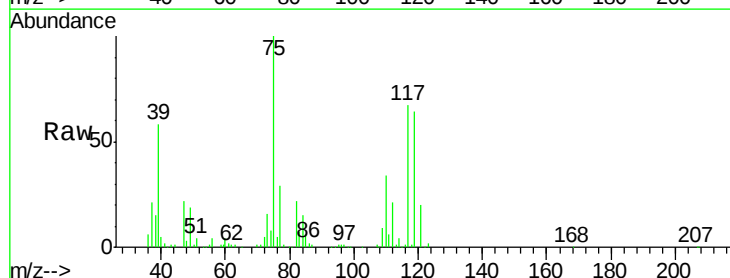
Manual Integrations
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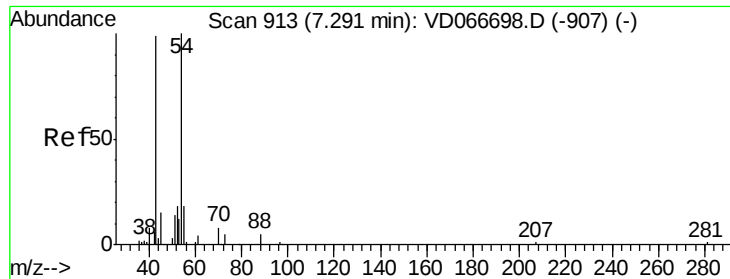
MMDadoda
 9/16/2020 11:44:30 AM



#36
 1,1-Dichloropropene
 Concen: 48.398 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	338005		
110	34.0	17.1	51.2	
77	30.4	25.0	37.6	





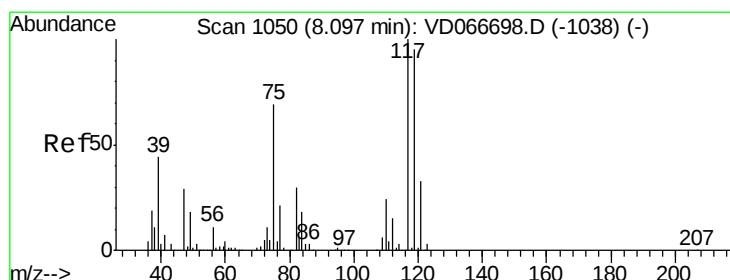
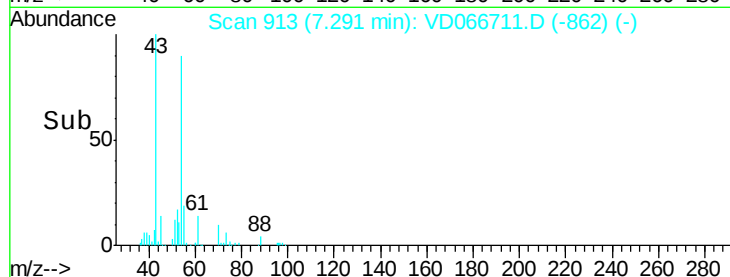
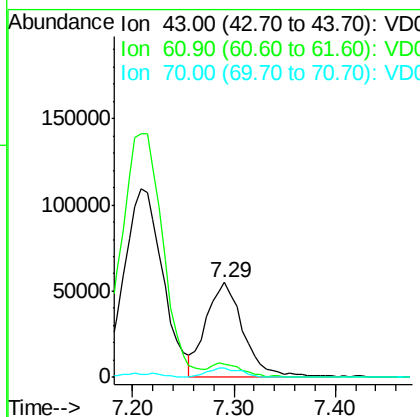
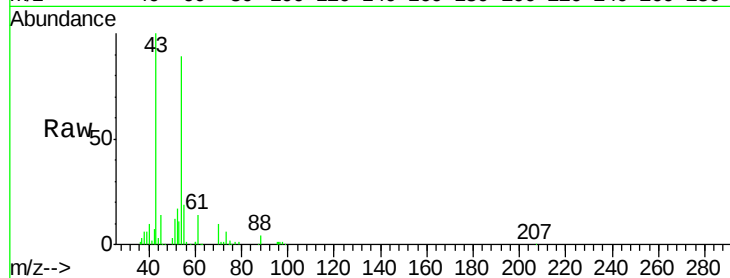
#37
Ethyl Acetate
Concen: 52.570 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.4	15.6
70	9.3	7.5	11.3

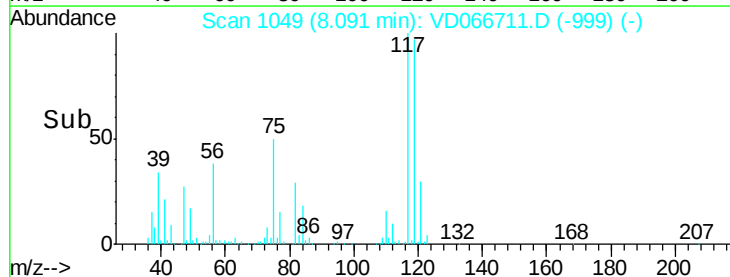
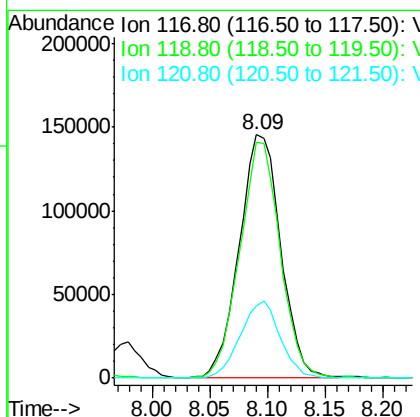
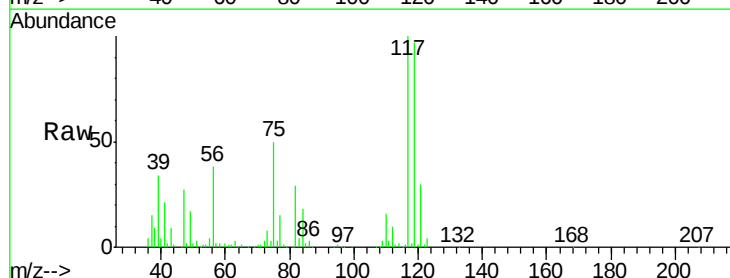
Manual Integrations
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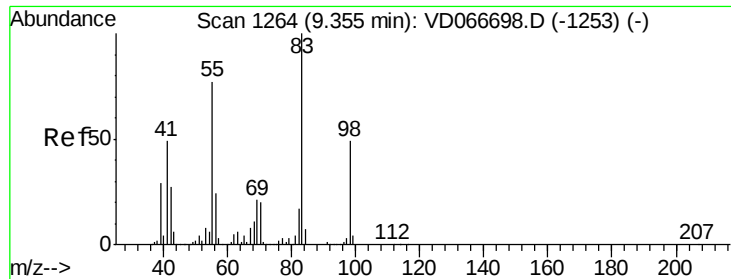
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.220 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.6
121	29.7	26.2	39.4





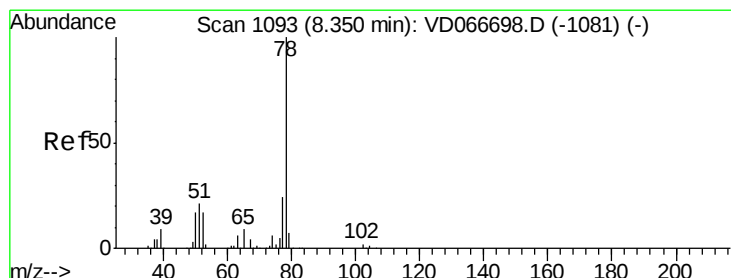
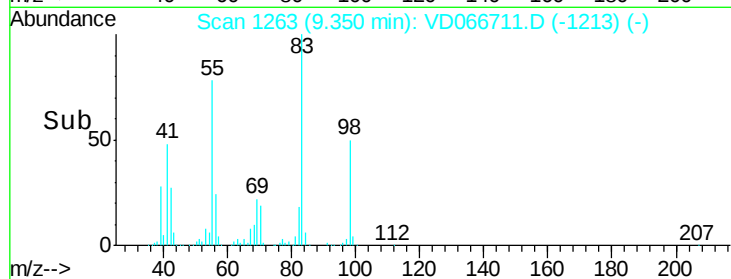
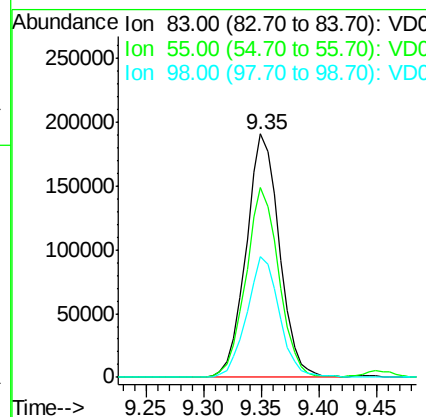
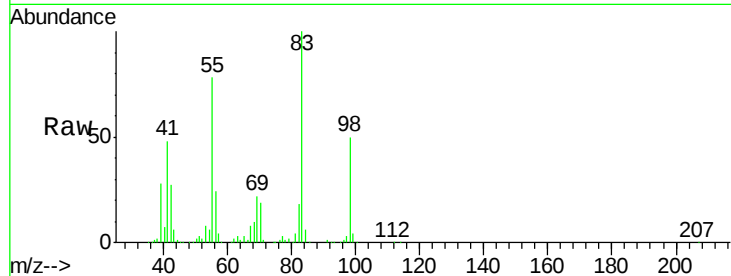
#39
Methvlcvclohexane
Concen: 47.995 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	383394		
55	78.1		61.5	92.3
98	49.8		39.3	58.9

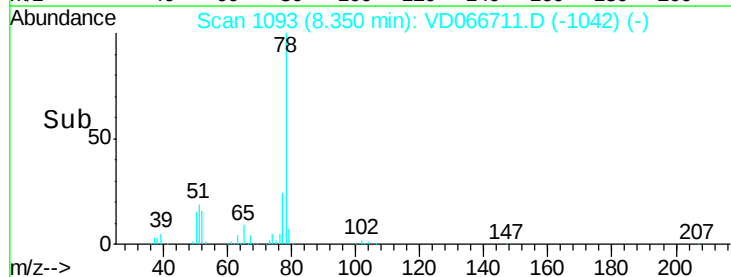
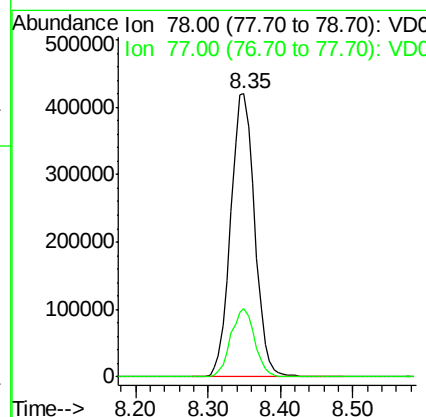
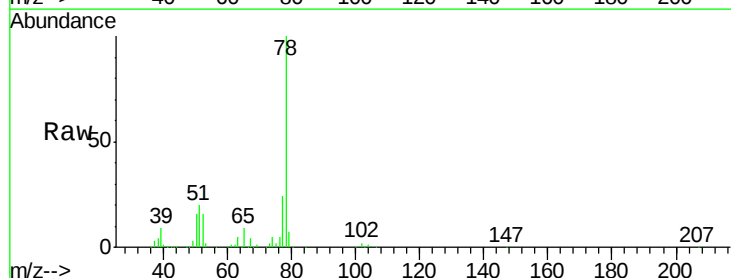
Manual Integrations
APPROVED

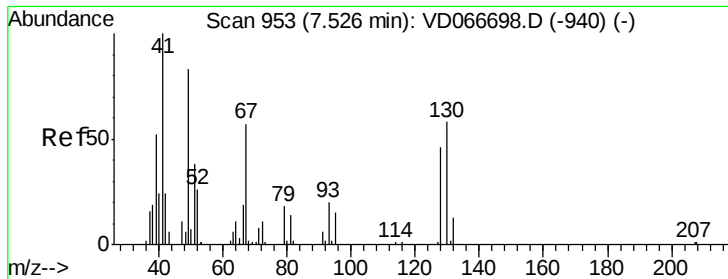
MMDadoda
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#40
Benzene
Concen: 51.256 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	968445		
77	24.1		19.3	28.9





#41

Methacrylonitrile

Concen: 53.993 ug/l m

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 75575

Ion Ratio Lower Upper

41 100

39 127.2 59.3 88.9#

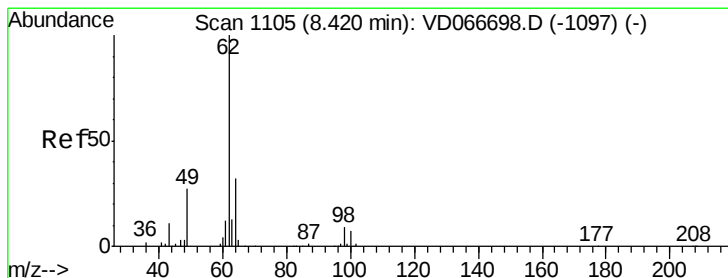
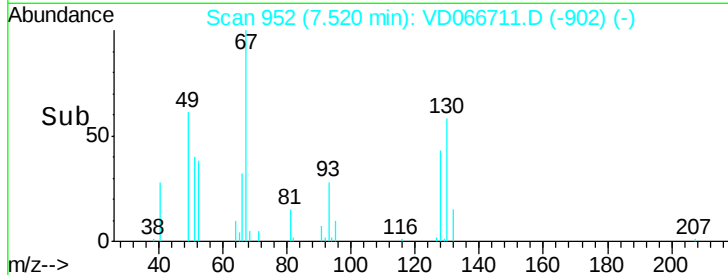
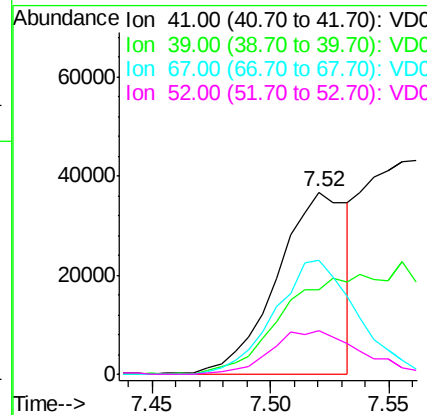
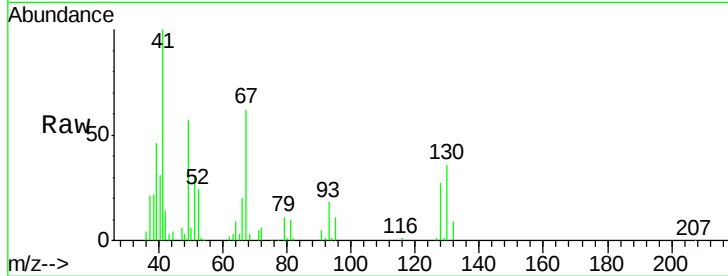
67 0.0 62.3 93.5#

52 0.0 28.0 42.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.942 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066711.D

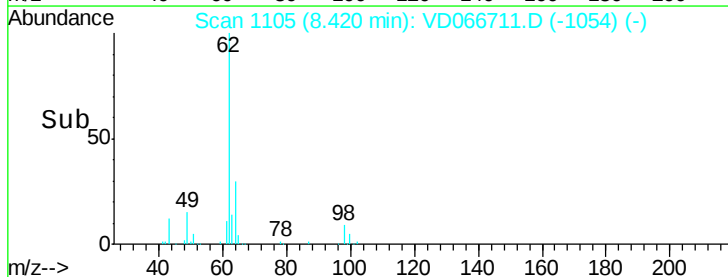
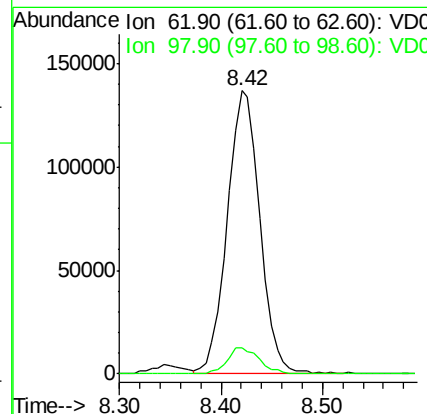
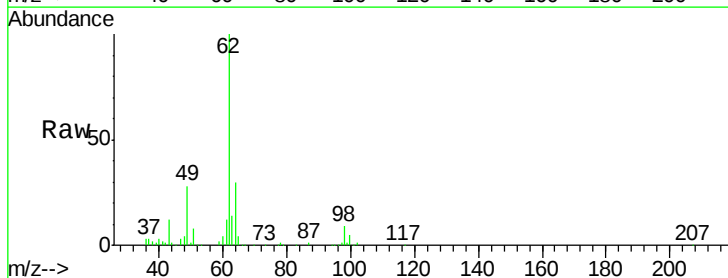
Acq: 15 Sep 2020 22:05

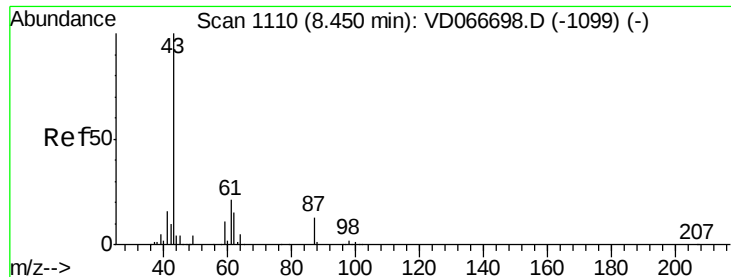
Tgt Ion: 62 Resp: 304049

Ion Ratio Lower Upper

62 100

98 9.2 0.0 17.6





#43

Isopropyl Acetate

Concen: 53.612 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

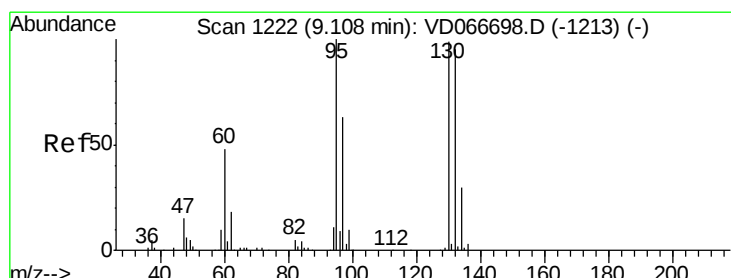
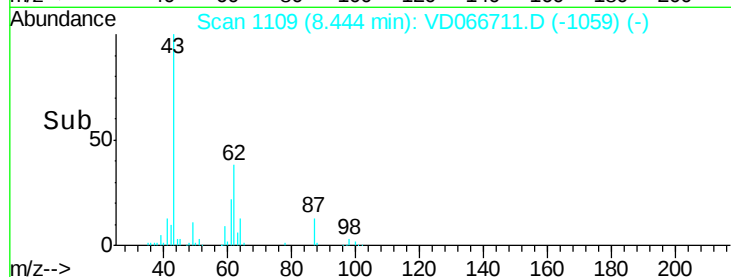
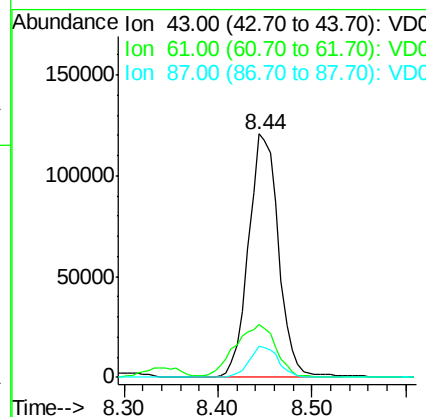
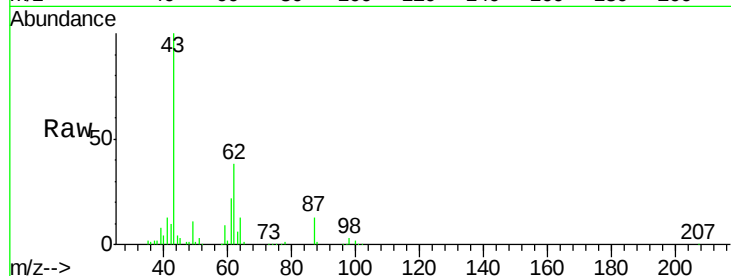
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	266798
Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.8	37.2
87	12.3	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 50.550 ug/l

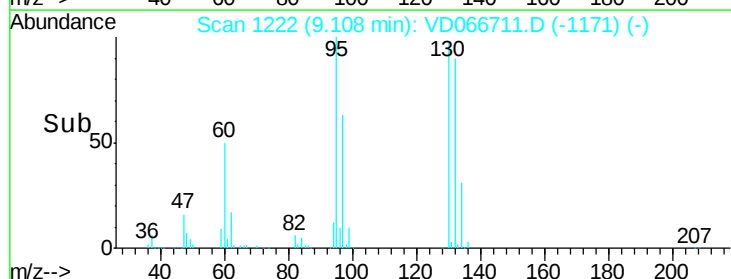
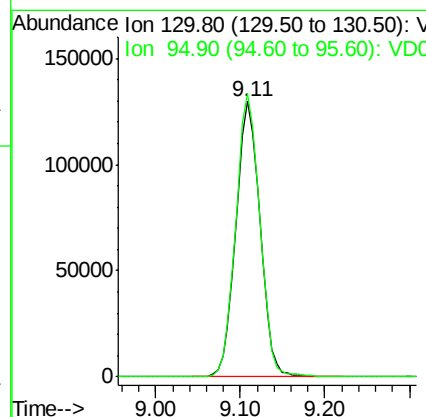
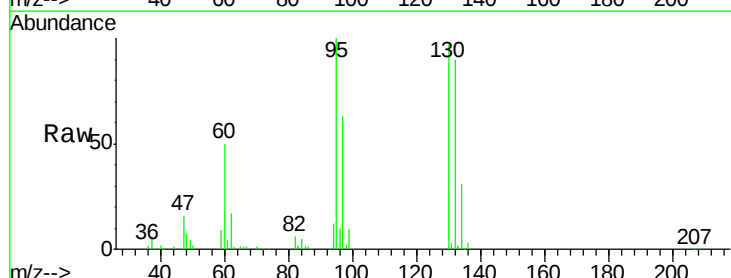
RT: 9.11 min Scan# 1222

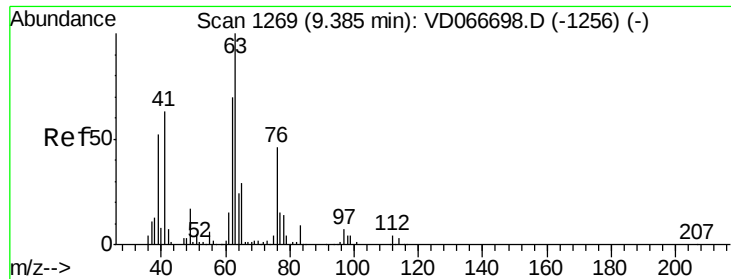
Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	130	Resp:	255364
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	201.4





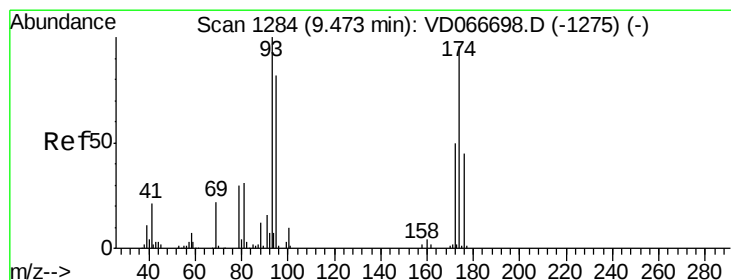
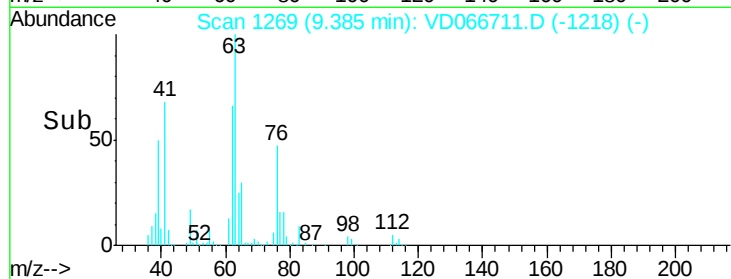
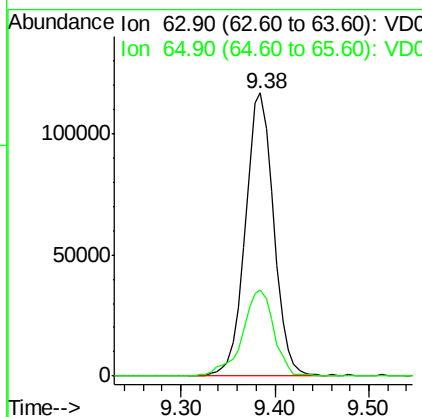
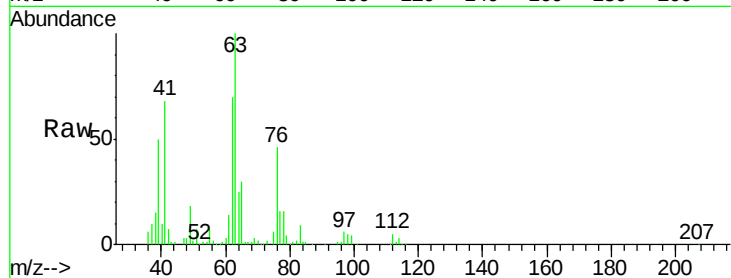
#45
 1,2-Dichloropropane
 Concen: 52.240 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	23.4	35.0

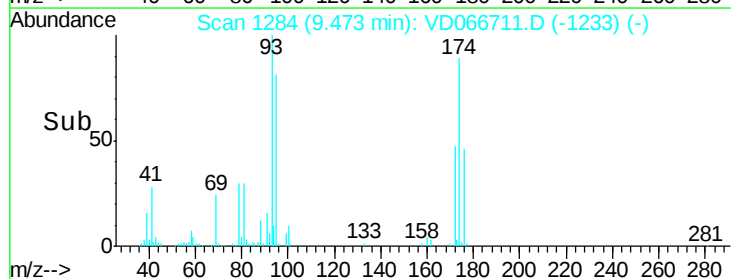
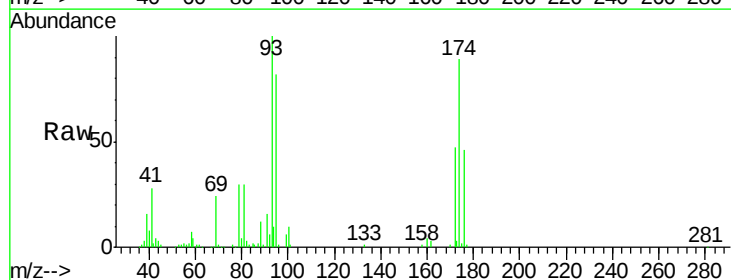
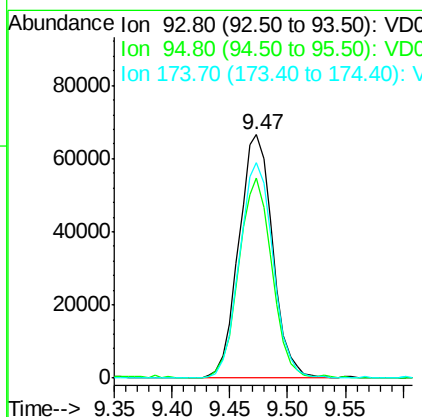
Manual Integrations
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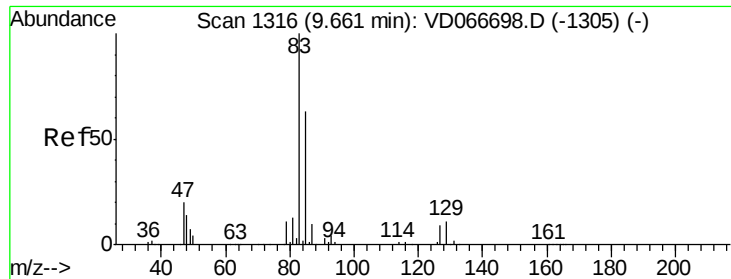
MMDadoda
 9/16/2020 11:44:30 AM



#46
 Dibromomethane
 Concen: 52.909 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.5	66.0	99.0
174	87.9	72.3	108.5





#47

Bromodichloromethane

Concen: 52.457 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

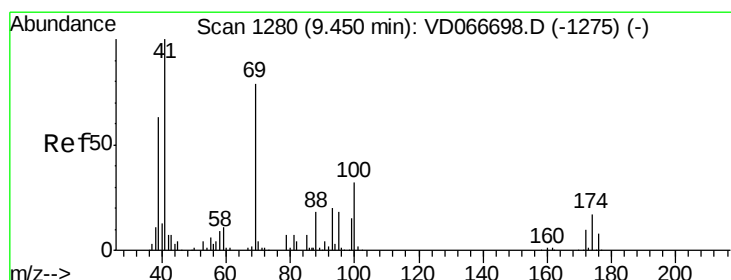
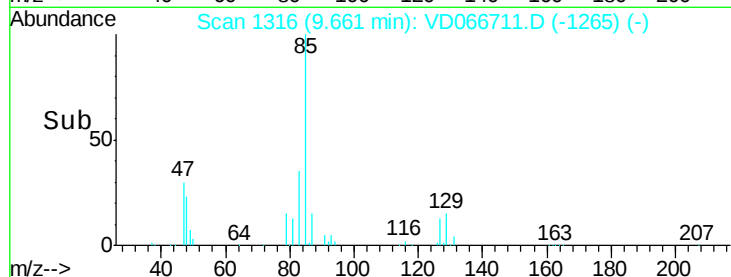
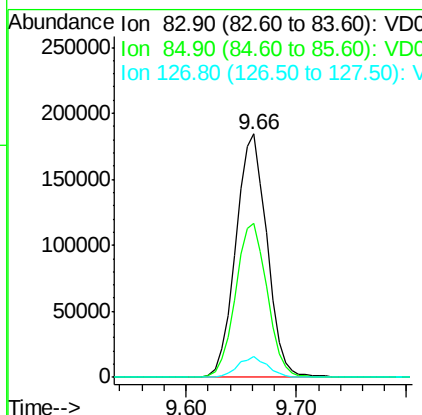
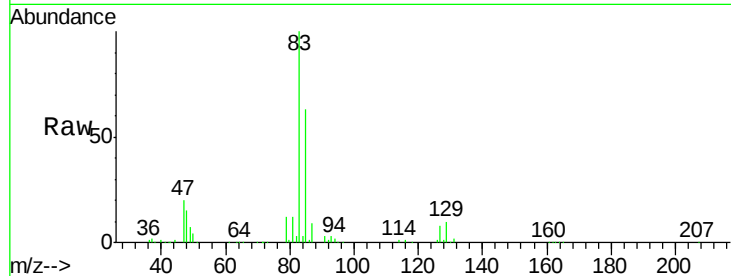
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	366888
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.1	75.1
127	8.5	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.044 ug/l

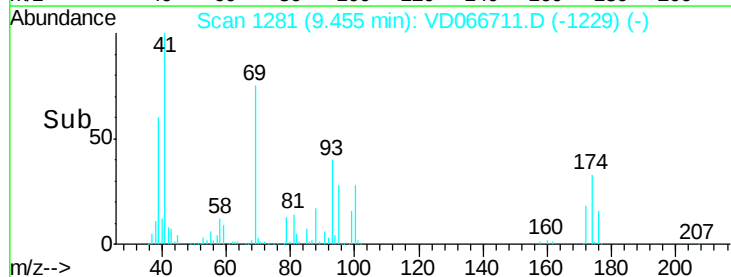
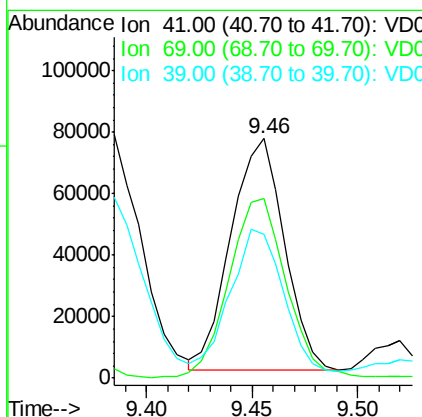
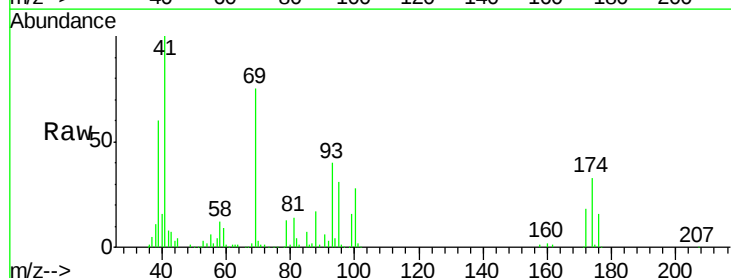
RT: 9.46 min Scan# 1281

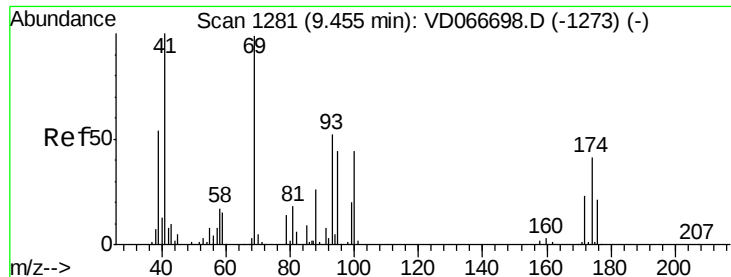
Delta R.T. 0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	41	Resp:	131737
Ion Ratio	Lower	Upper	
41	100		
69	84.7	62.4	93.6
39	60.9	44.8	67.2





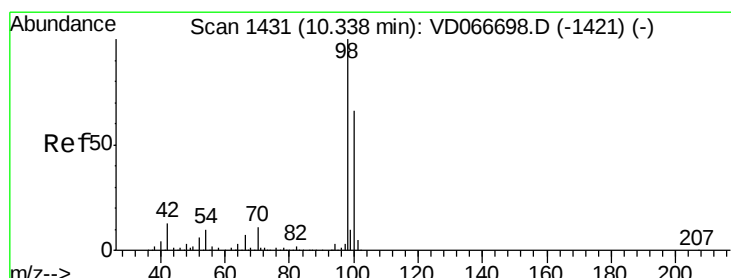
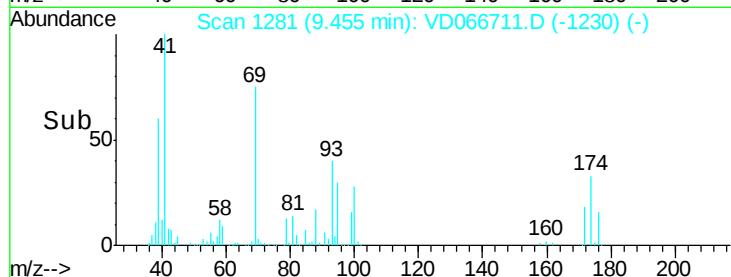
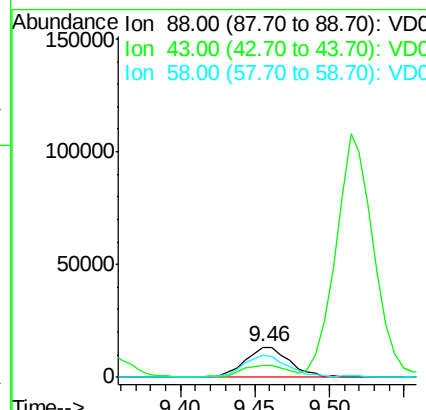
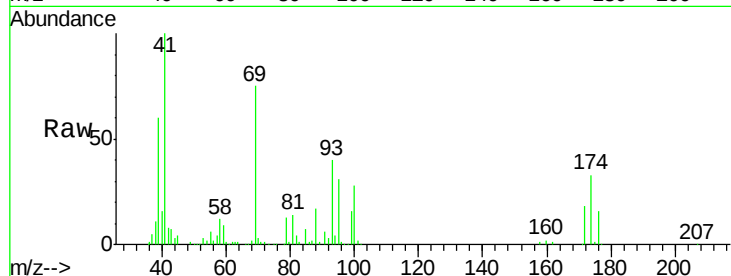
#49
1,4-Dioxane
Concen: 1017.221 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	40.6	29.3	43.9	
58	71.0	51.4	77.2	

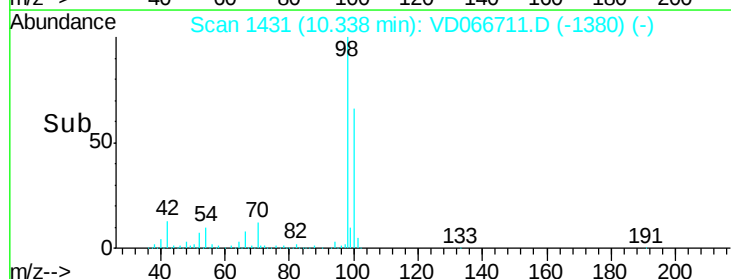
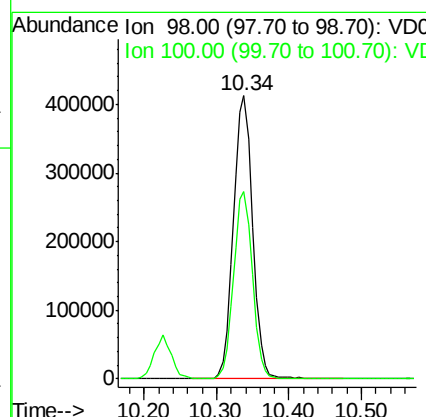
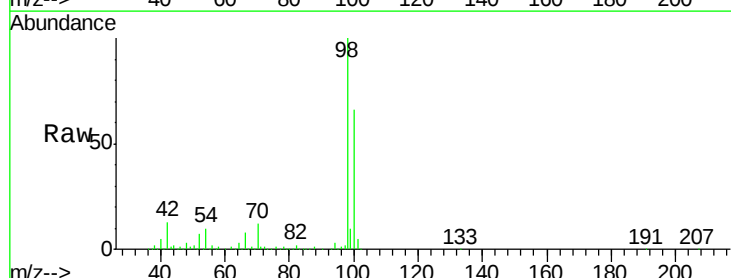
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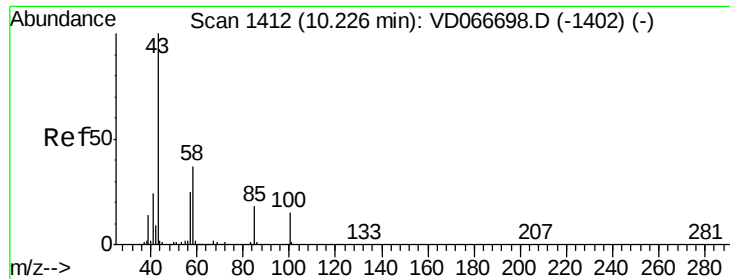
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#50
Toluene-d8
Concen: 51.167 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	65.6	52.7	79.1	





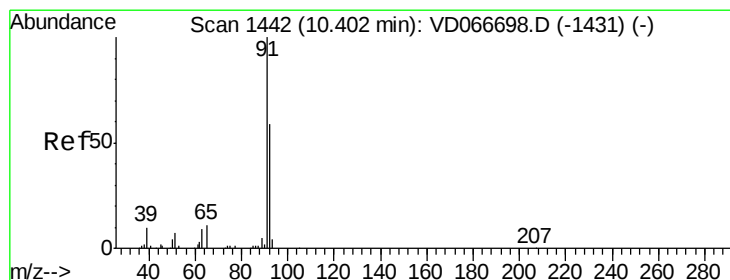
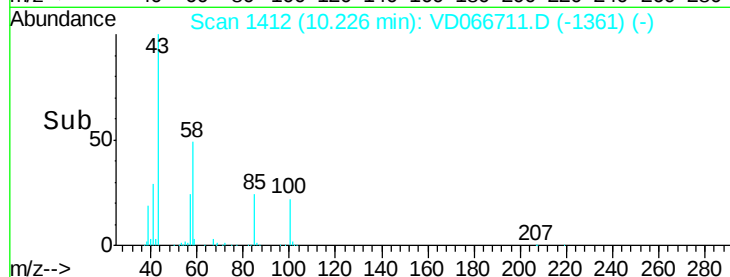
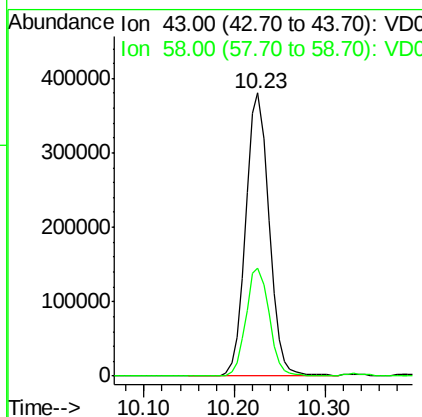
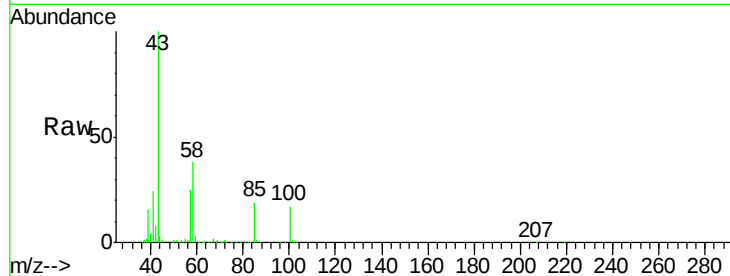
#51
4-Methyl-2-Pentanone
Concen: 265.586 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.4	45.6

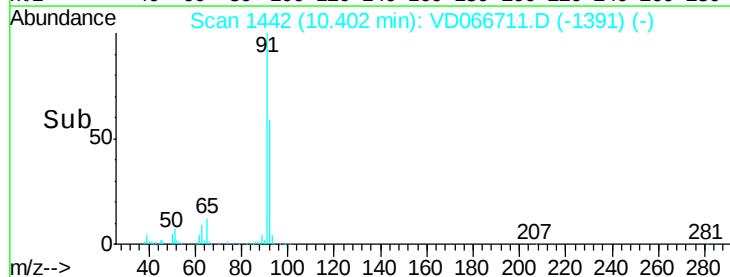
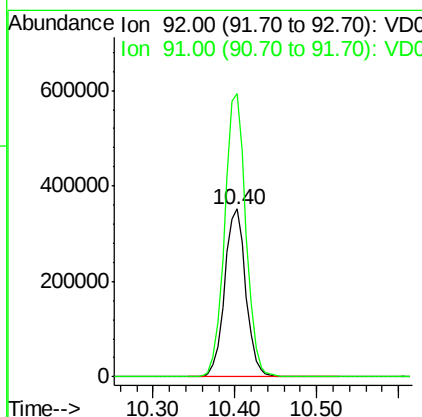
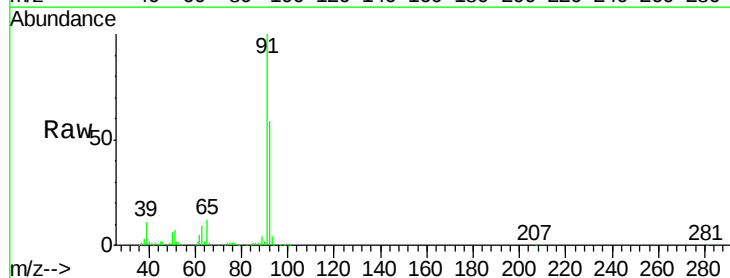
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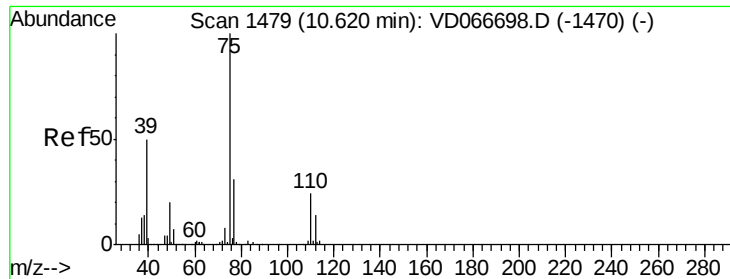
MMDadoda
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#52
Toluene
Concen: 52.262 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.3	135.8	203.8





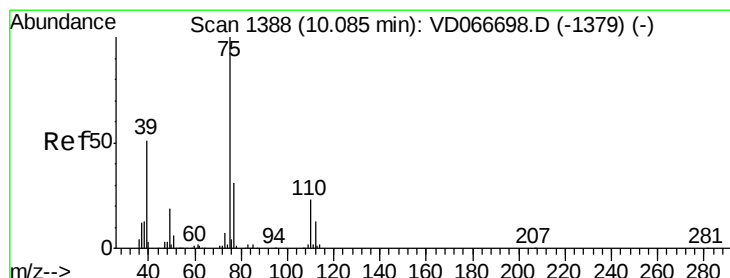
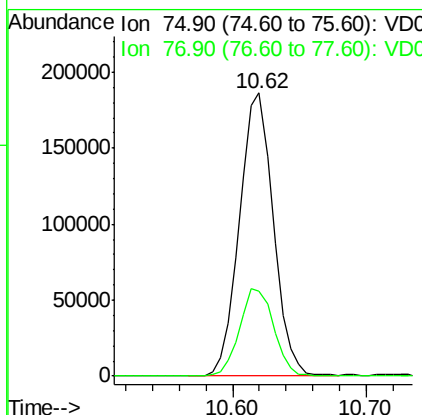
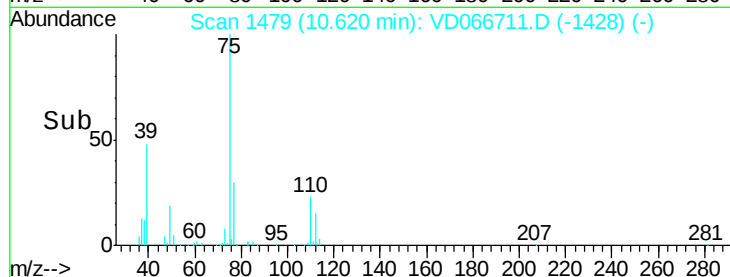
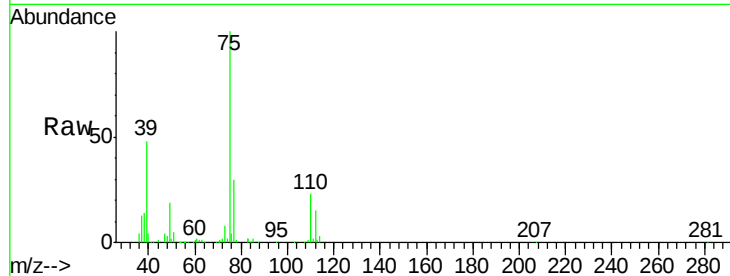
#53
t-1,3-Dichloropropene
Concen: 52.378 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.6	36.8

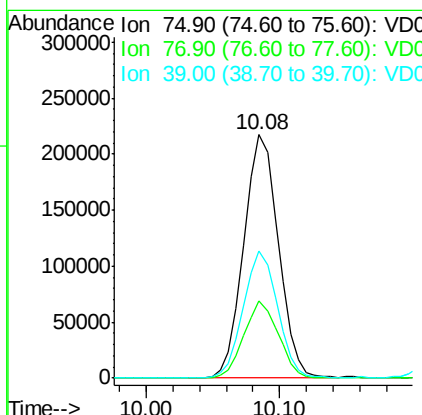
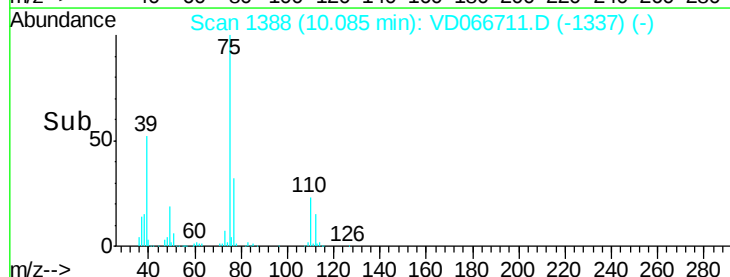
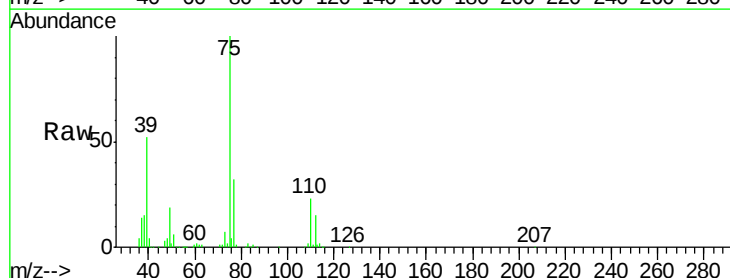
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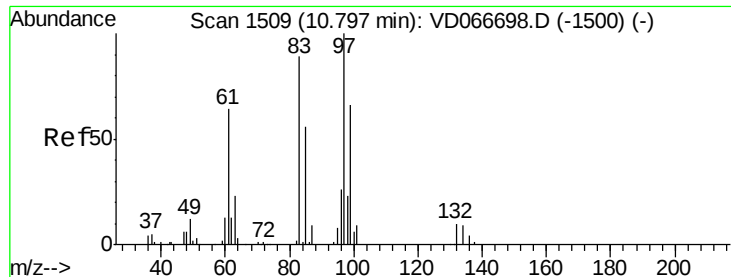
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#54
cis-1,3-Dichloropropene
Concen: 52.627 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.6
39	52.0	40.6	61.0





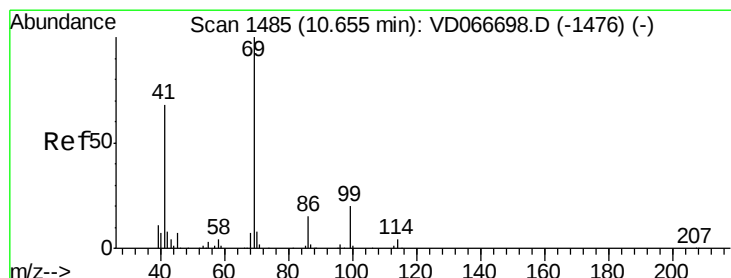
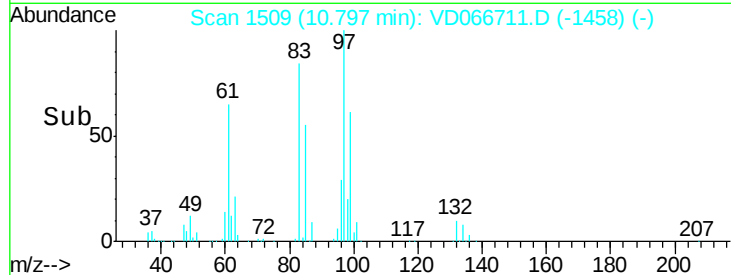
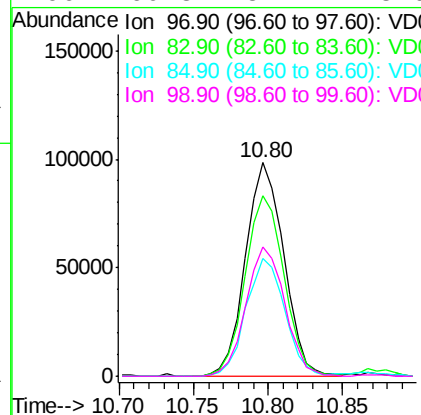
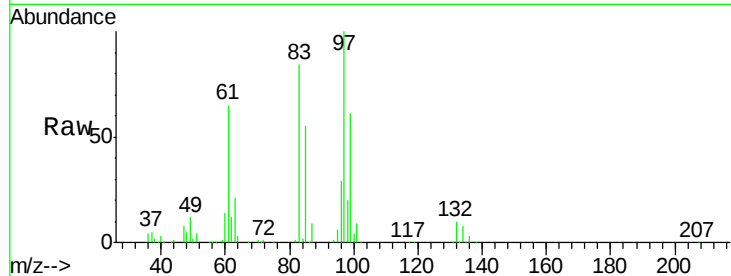
#55
 1,1,2-Trichloroethane
 Concen: 51.691 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	174928
Ion	Ratio	Lower	Upper
97	100		
83	84.5	71.4	107.2
85	55.1	44.7	67.1
99	60.8	52.4	78.6

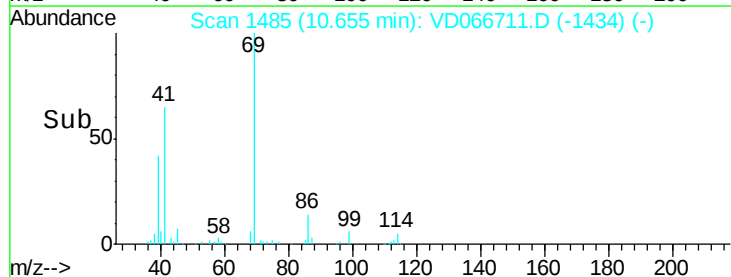
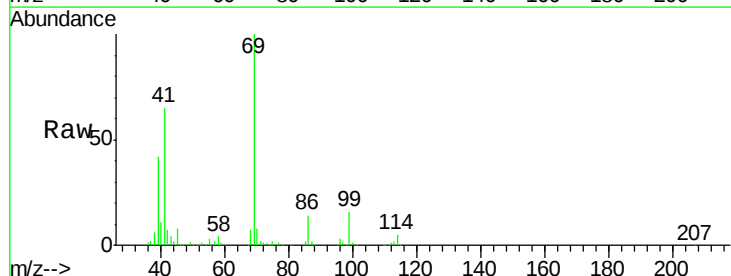
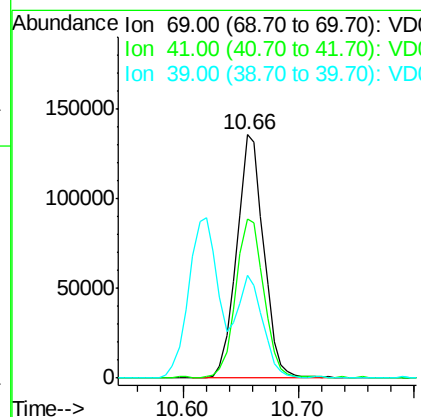
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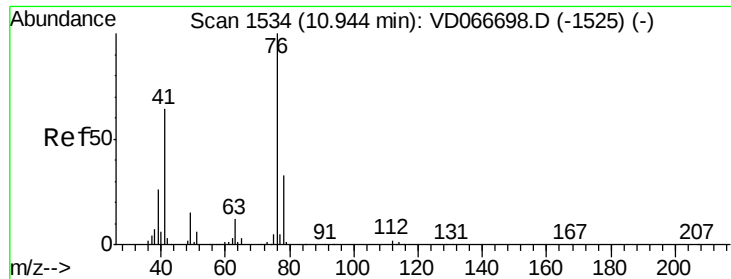
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#56
 Ethyl methacrylate
 Concen: 57.276 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion:	69	Resp:	219959
Ion	Ratio	Lower	Upper
69	100		
41	67.9	55.5	83.3
39	40.1	29.7	44.5





#57

1,3-Dichloropropane

Concen: 51.810 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 307691

Ion Ratio Lower Upper

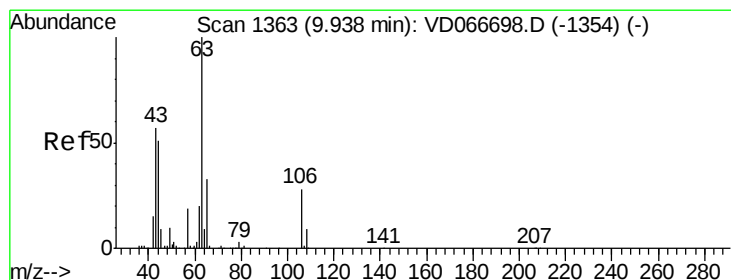
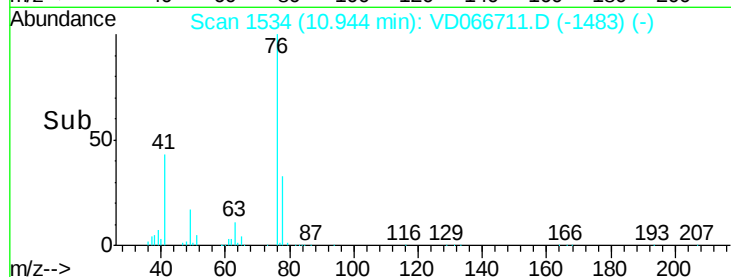
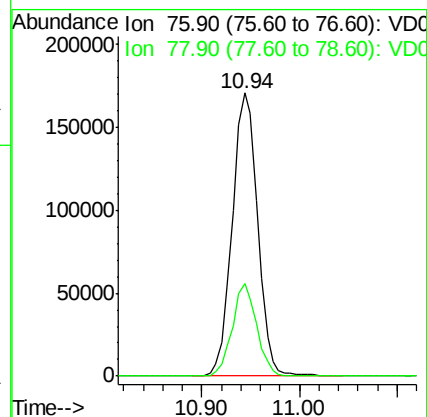
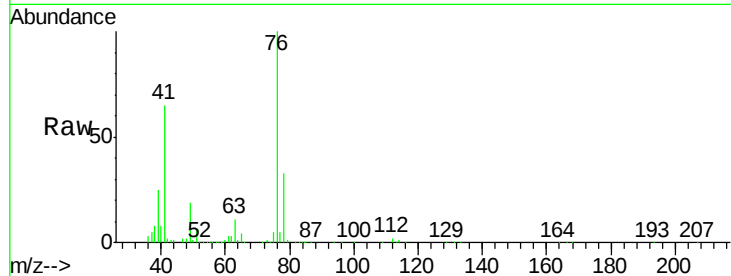
76 100

78 31.6 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 242.725 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066711.D

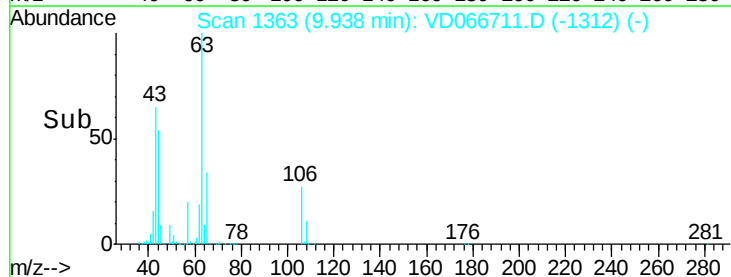
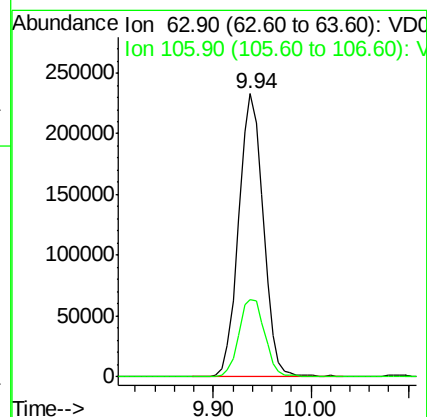
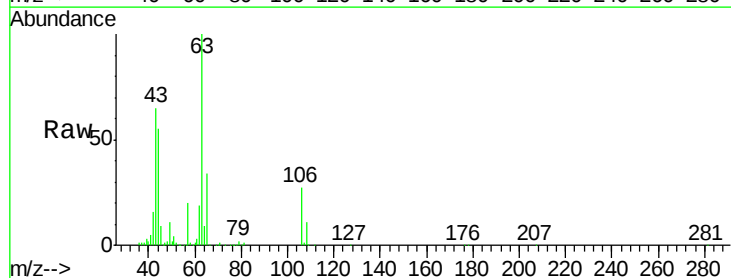
Acq: 15 Sep 2020 22:05

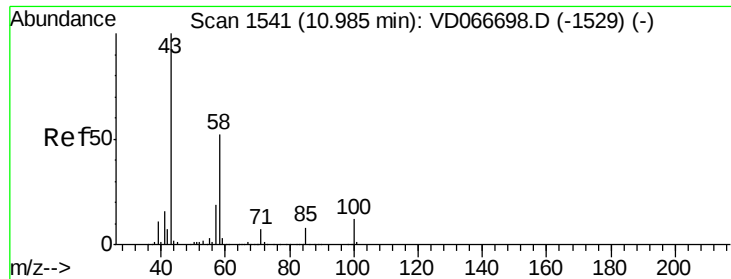
Tgt Ion: 63 Resp: 409390

Ion Ratio Lower Upper

63 100

106 28.7 22.2 33.4





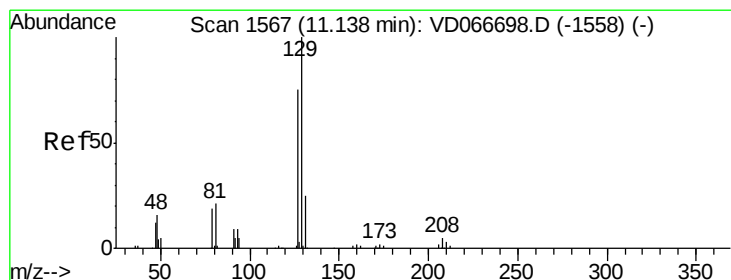
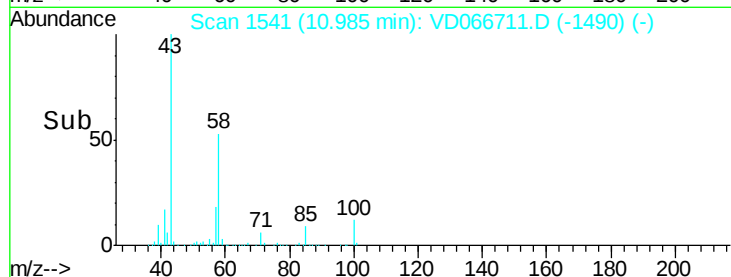
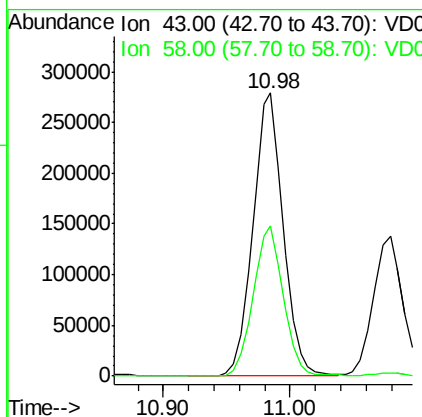
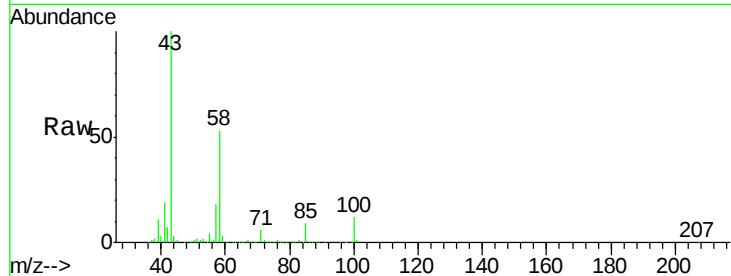
#59
2-Hexanone
Concen: 268.727 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 462603
Ion Ratio Lower Upper
43 100
58 53.0 26.2 78.5

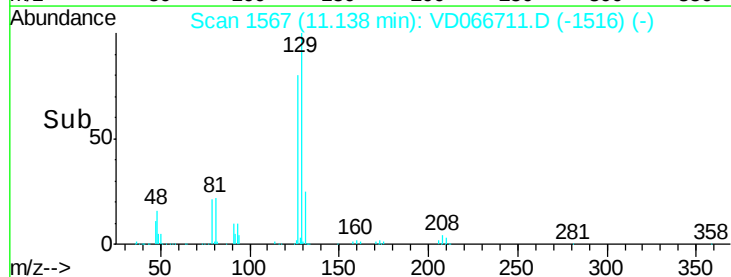
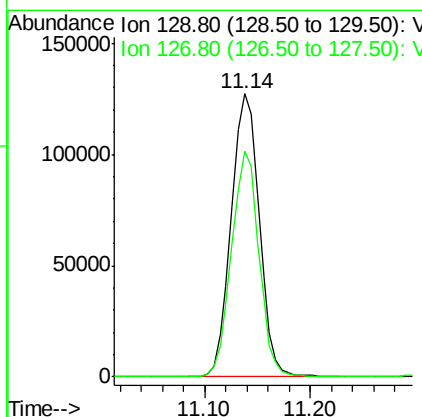
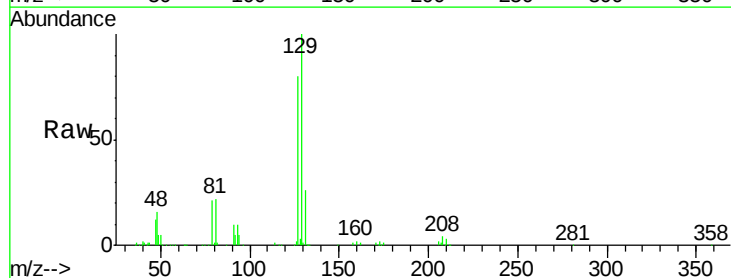
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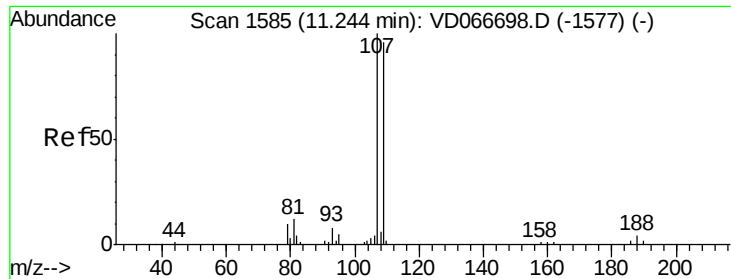
MMDadoda
9/16/2020 11:44:30 AM



#60
Dibromochloromethane
Concen: 53.035 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion: 129 Resp: 233856
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3





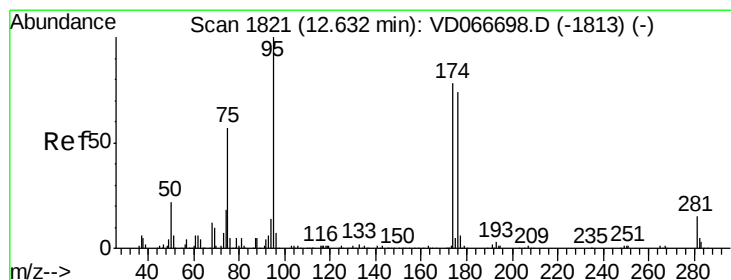
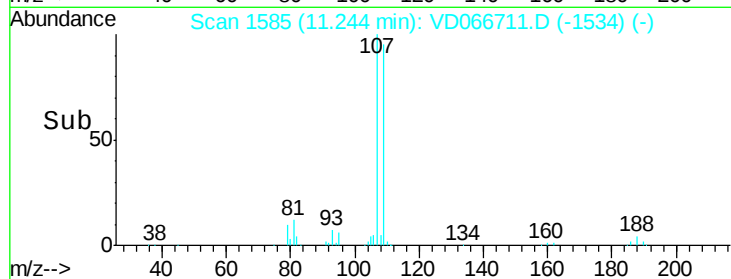
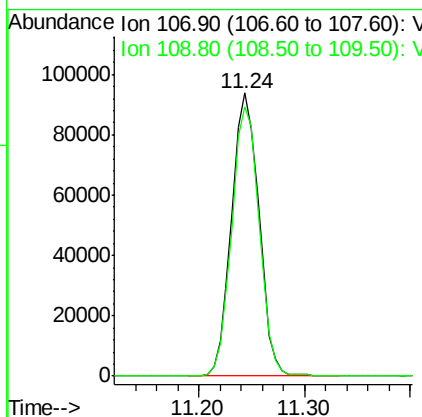
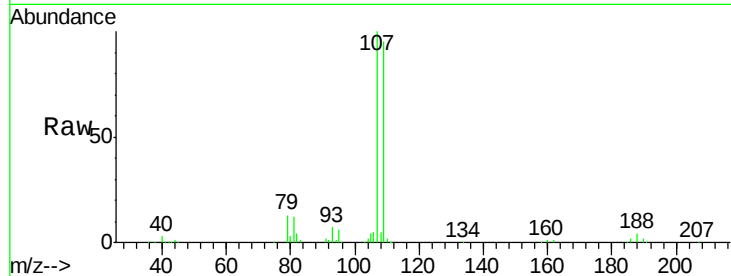
#61
 1,2-Dibromoethane
 Concen: 51.818 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	75.6	113.4

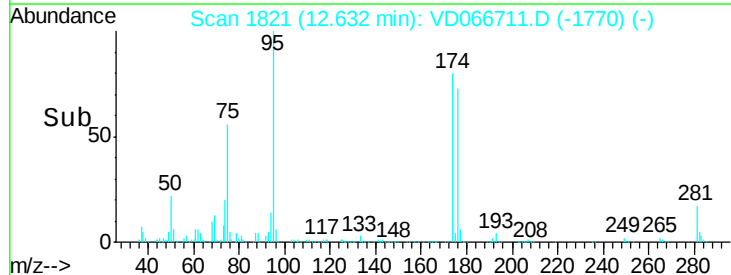
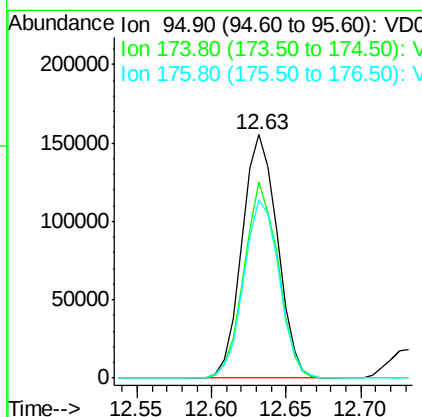
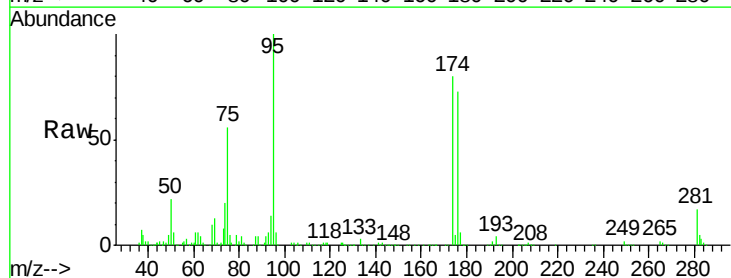
Manual Integrations
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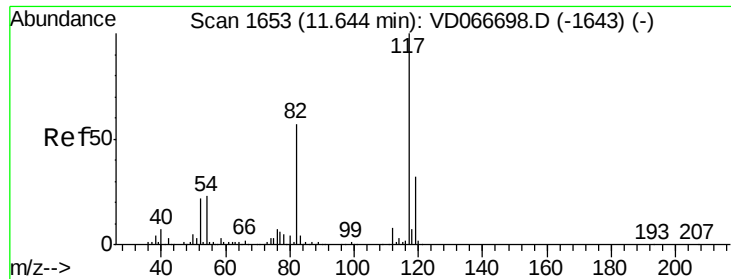
MMDadoda
 9/16/2020 11:44:30 AM



#62
 4-Bromofluorobenzene
 Concen: 49.907 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	156.6
176	73.3	0.0	150.2





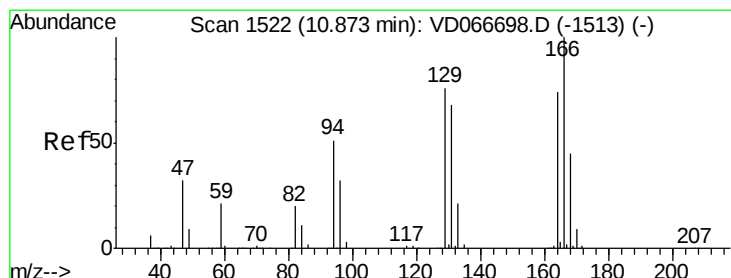
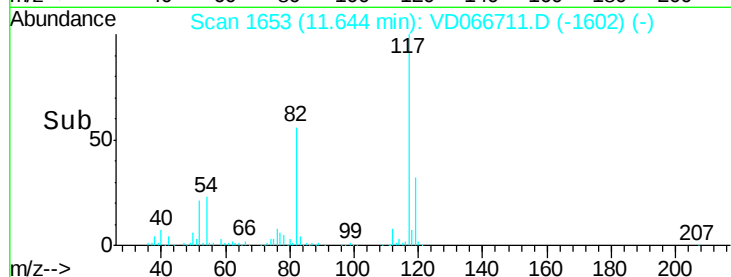
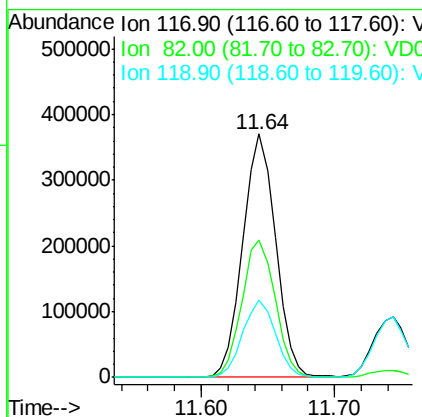
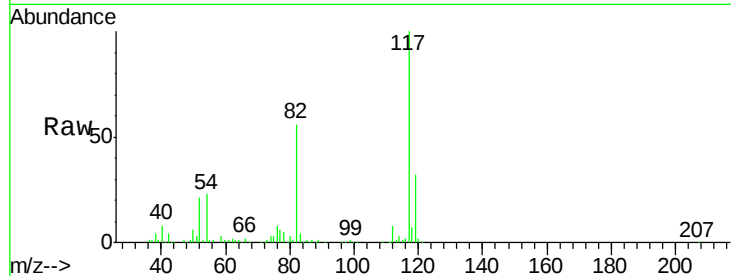
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.4	68.0
119	31.7	25.8	38.6

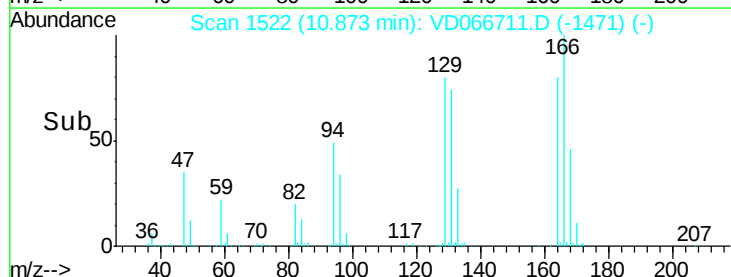
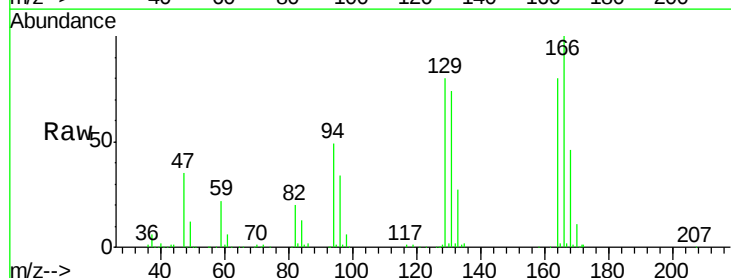
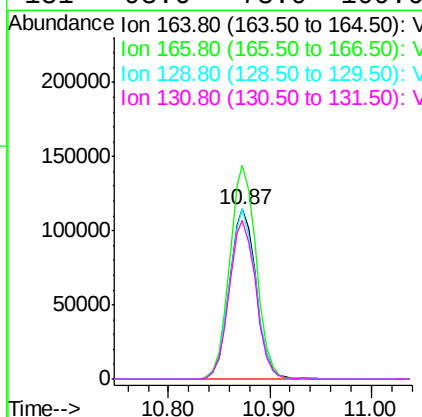
Manual Integrations
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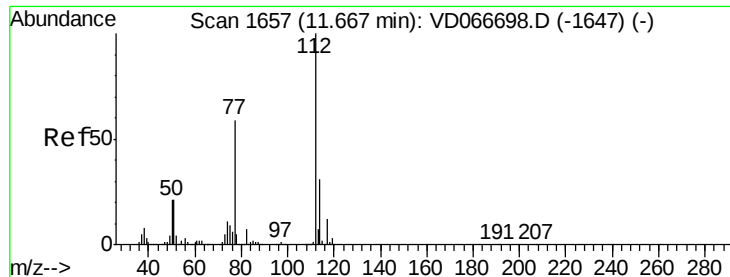
MMDadoda
9/16/2020 11:44:30 AM



#64
Tetrachloroethene
Concen: 48.186 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	107.5	161.3
129	100.5	81.4	122.0
131	93.6	73.0	109.6





#65

Chlorobenzene

Concen: 48.582 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 634089

Ion Ratio Lower Upper

112 100

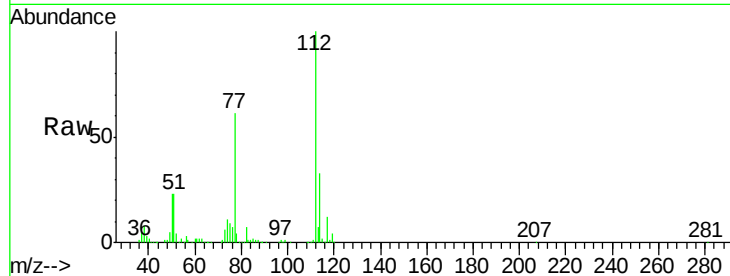
114 32.7 25.0 37.6

Manual Integrations

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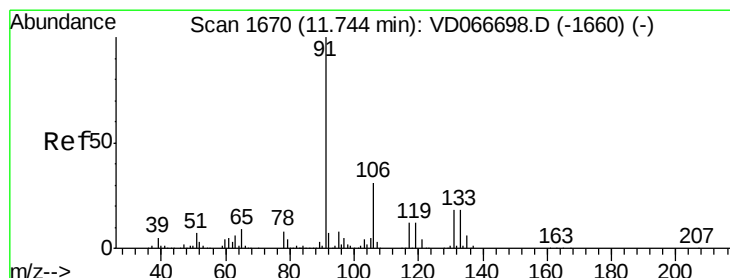
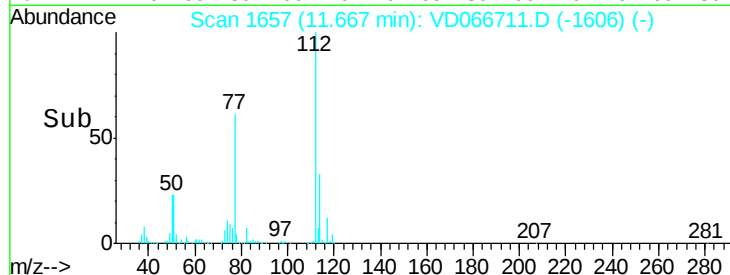
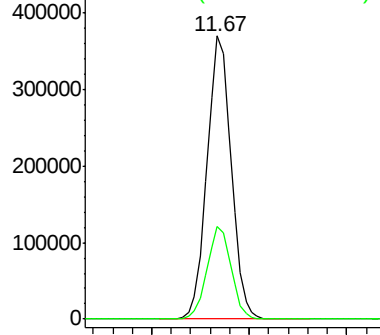
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.515 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

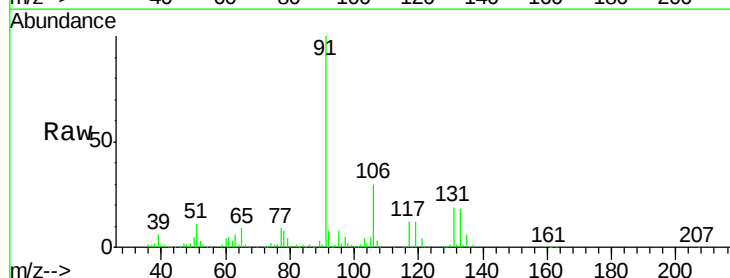
Tgt Ion:131 Resp: 248078

Ion Ratio Lower Upper

131 100

133 93.6 47.8 143.3

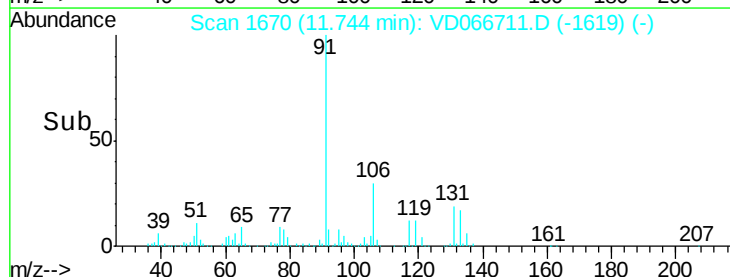
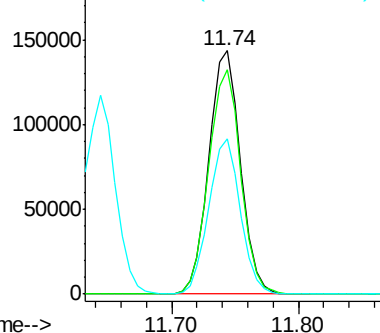
119 63.8 33.6 100.8

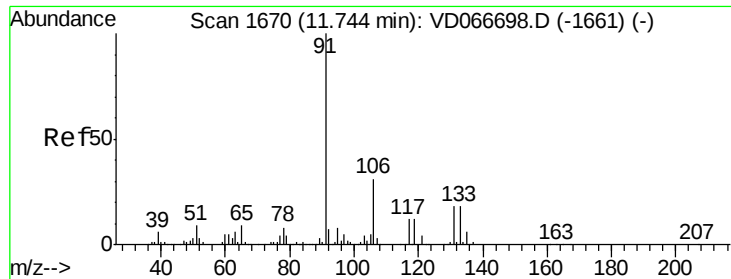


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





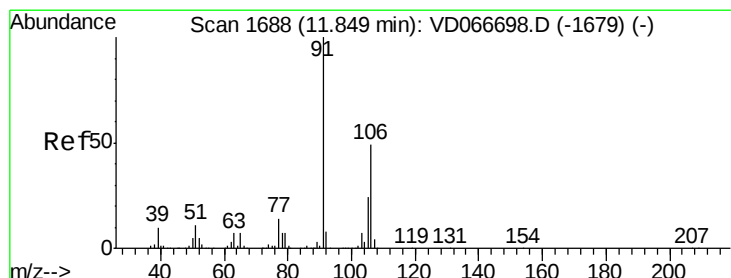
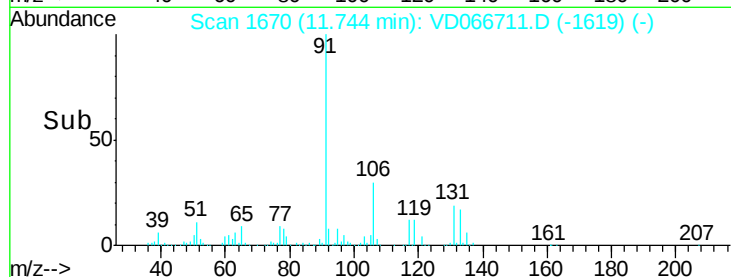
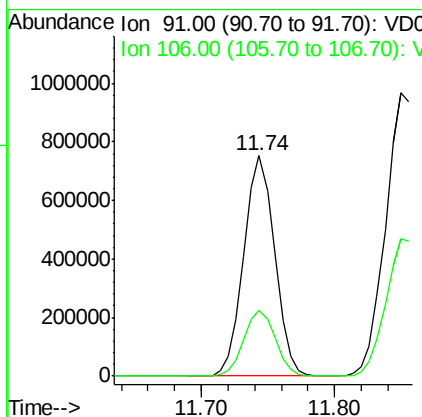
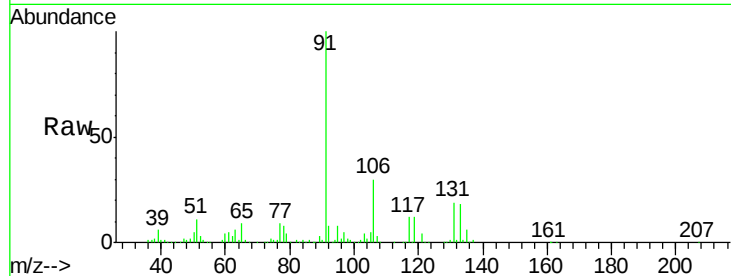
#67
Ethyl Benzene
Concen: 50.942 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1204333
Ion Ratio Lower Upper
91 100
106 29.9 25.1 37.7

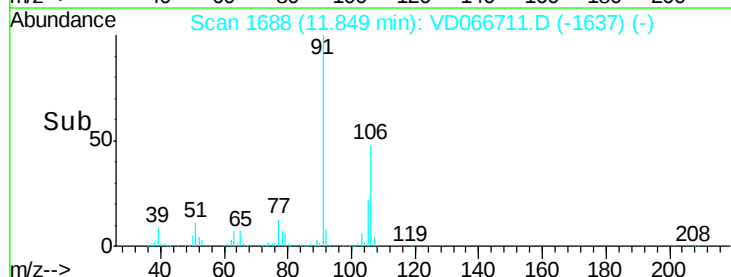
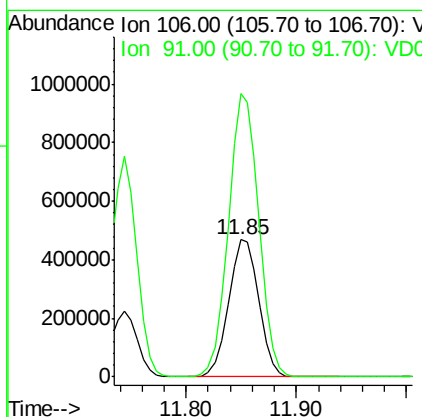
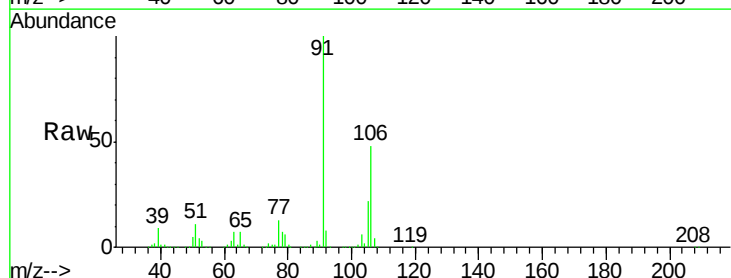
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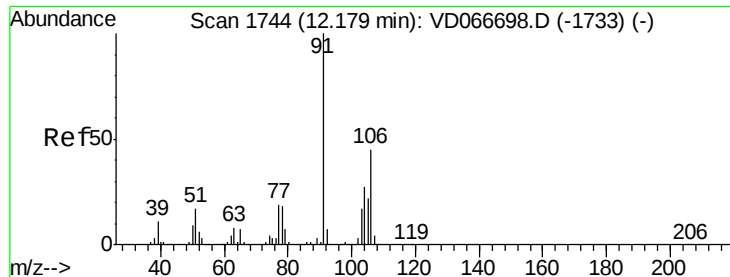
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#68
m/p-Xylenes
Concen: 100.677 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion: 106 Resp: 899559
Ion Ratio Lower Upper
106 100
91 205.7 164.8 247.2





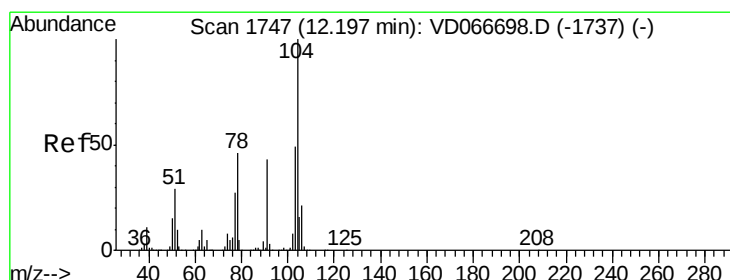
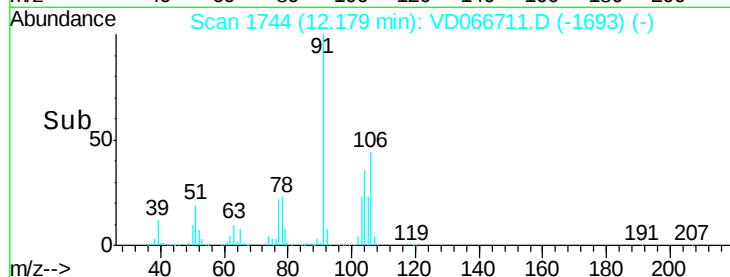
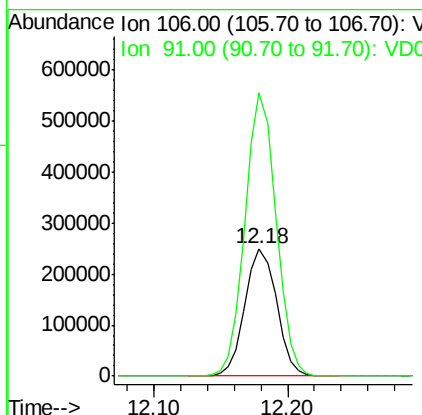
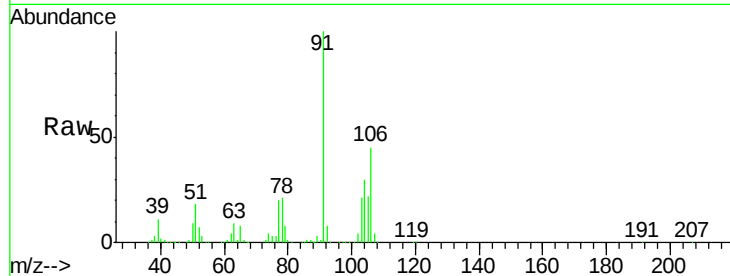
#69
o-Xylene
Concen: 52.045 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 410947
Ion Ratio Lower Upper
106 100
91 217.0 109.4 328.2

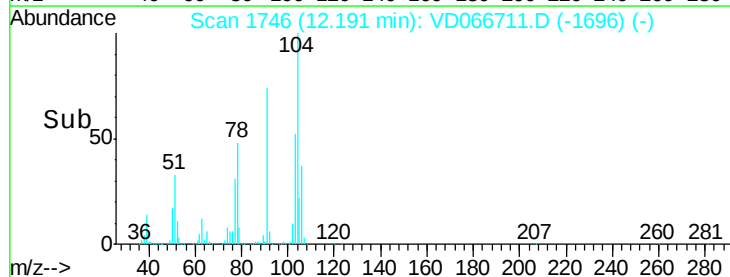
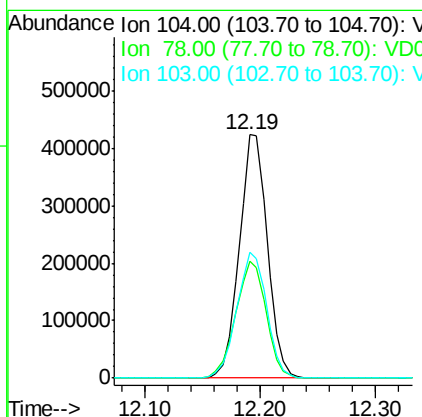
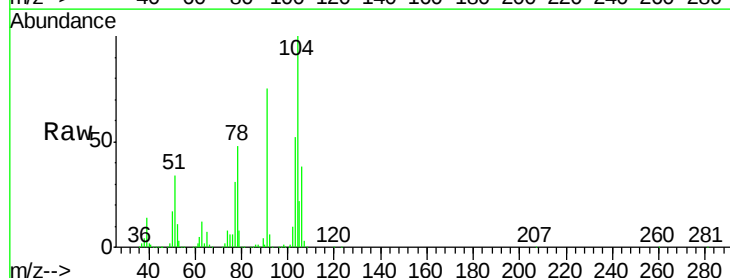
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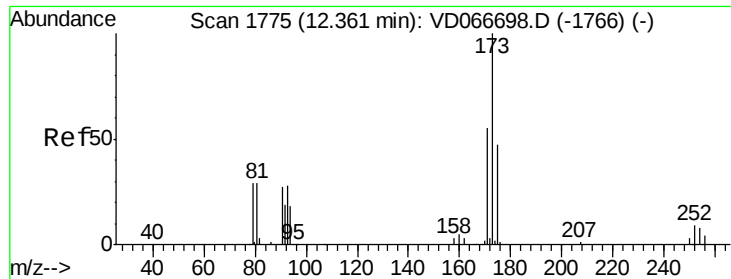
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#70
Styrene
Concen: 51.571 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion:104 Resp: 716693
Ion Ratio Lower Upper
104 100
78 51.8 40.2 60.4
103 54.7 42.5 63.7





#71

Bromoform

Concen: 51.233 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

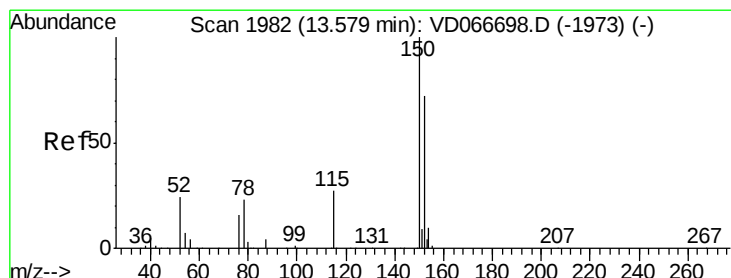
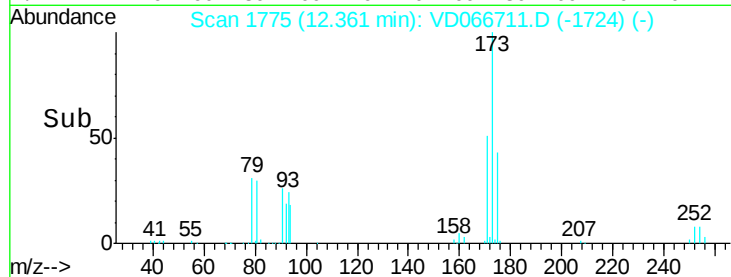
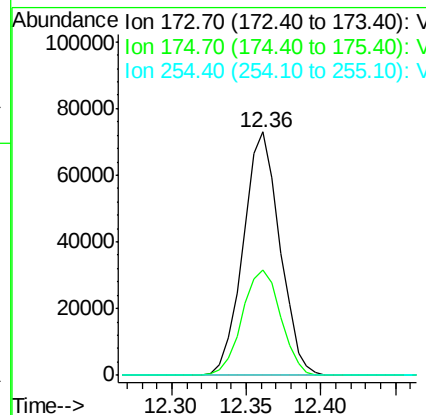
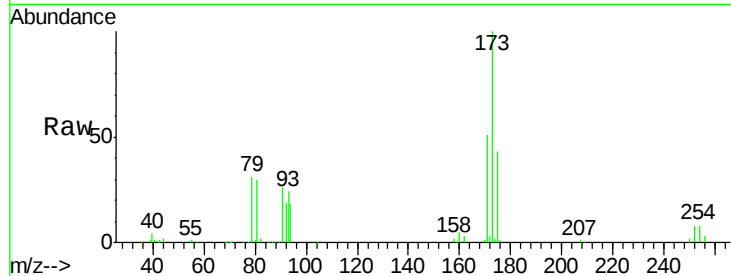
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	123818
Ion Ratio	Lower	Upper	
173	100		
175	45.6	24.3	72.8
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

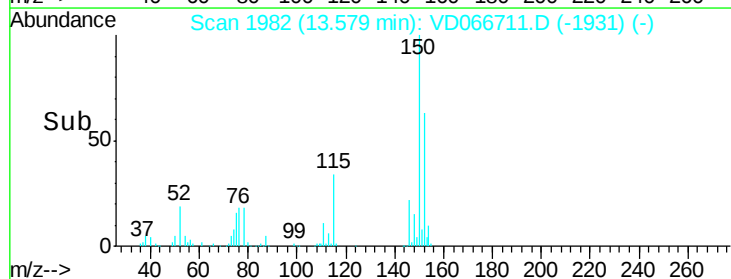
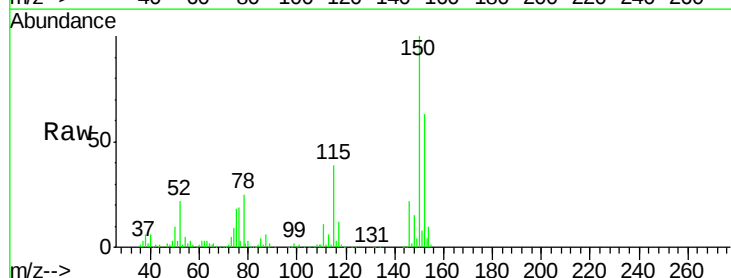
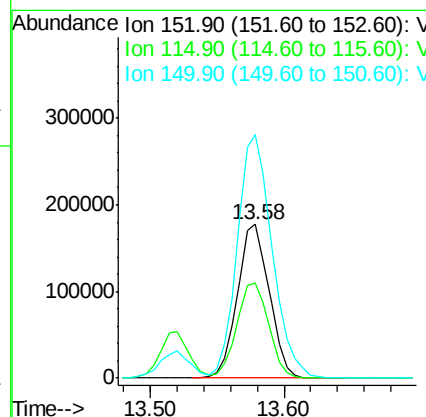
RT: 13.58 min Scan# 1982

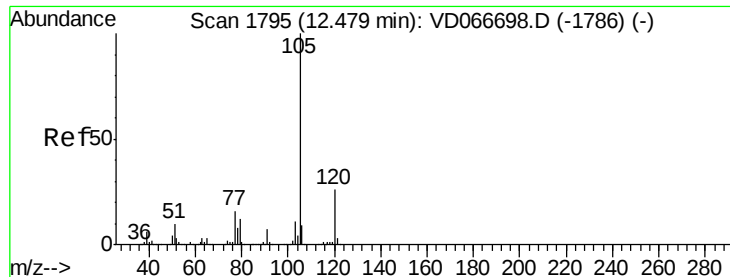
Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	152	Resp:	293137
Ion Ratio	Lower	Upper	
152	100		
115	62.4	30.5	91.5
150	173.1	0.0	344.6





#73

Isopropylbenzene

Concen: 51.221 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1120891

Ion Ratio Lower Upper

105 100

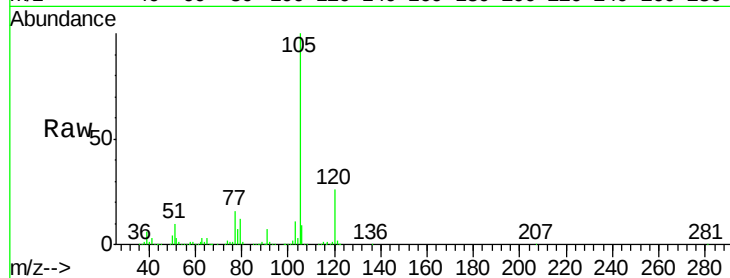
120 25.7 13.1 39.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

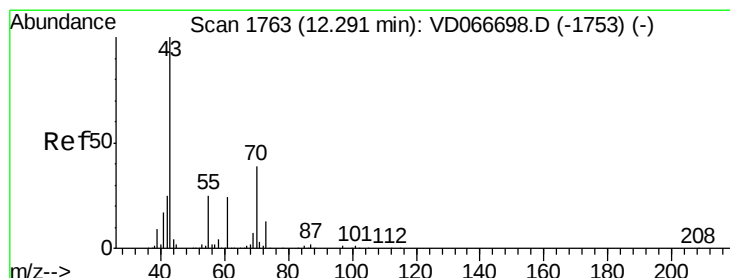
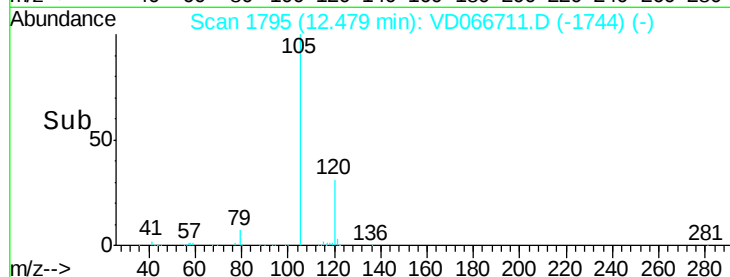
200000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 51.619 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion: 43 Resp: 238284

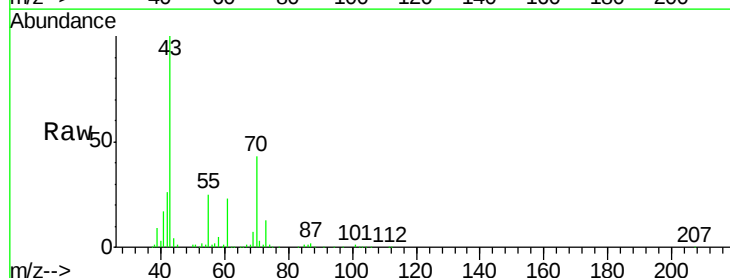
Ion Ratio Lower Upper

43 100

70 41.6 33.0 49.4

55 25.2 20.6 30.8

61 23.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

150000

100000

50000

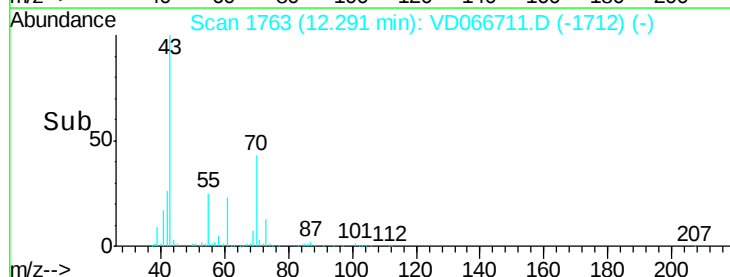
0

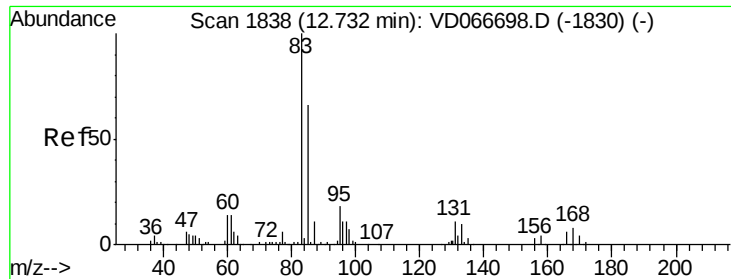
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.218 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

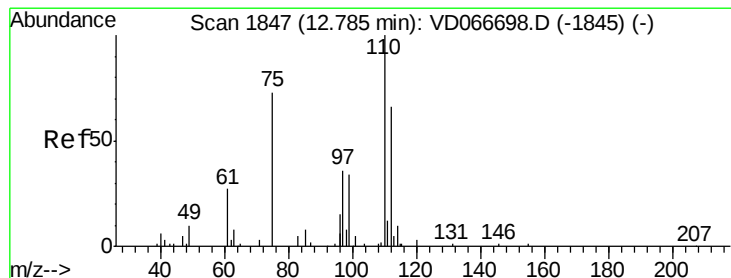
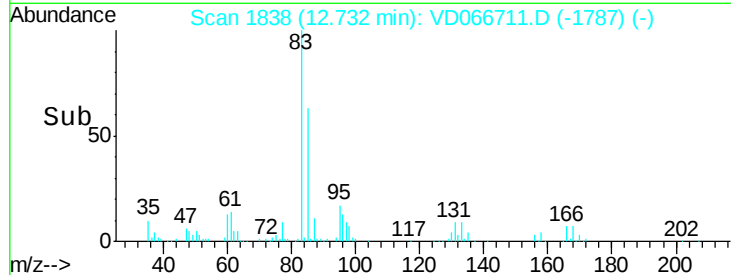
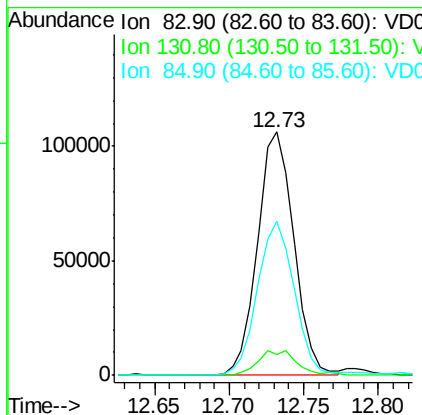
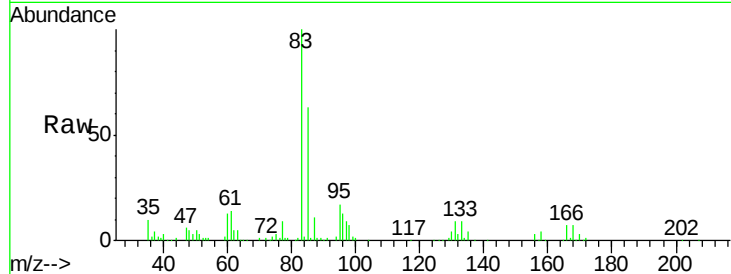
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	179300
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.8	17.3
85	63.9	33.3	99.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.853 ug/l m

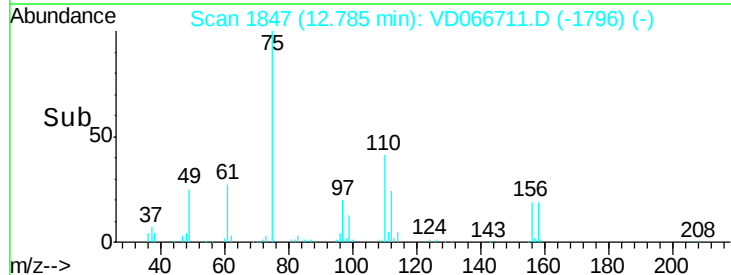
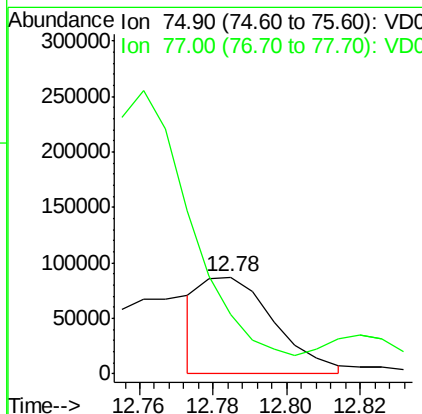
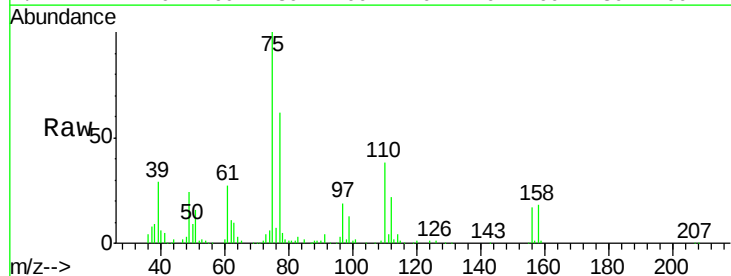
RT: 12.78 min Scan# 1847

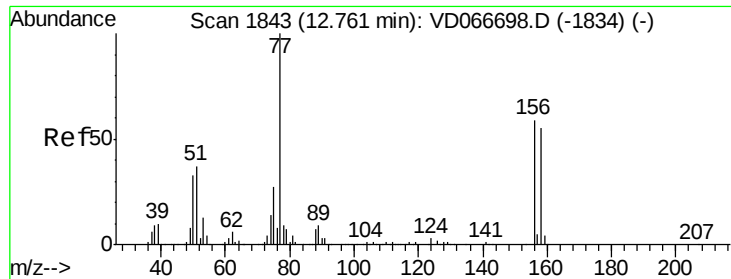
Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	75	Resp:	120069
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.756 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

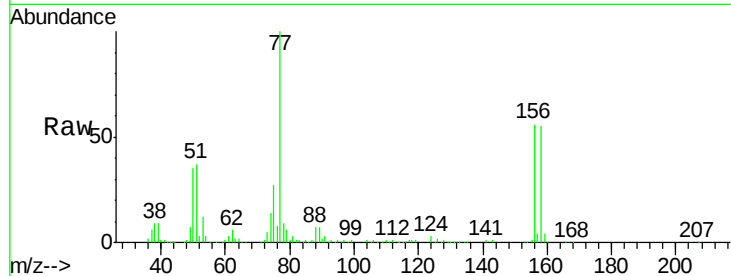
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	193.6	95.8	287.3
158	97.5	48.4	145.0

Manual Integrations
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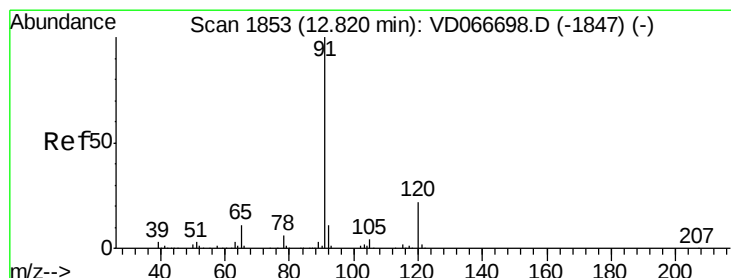
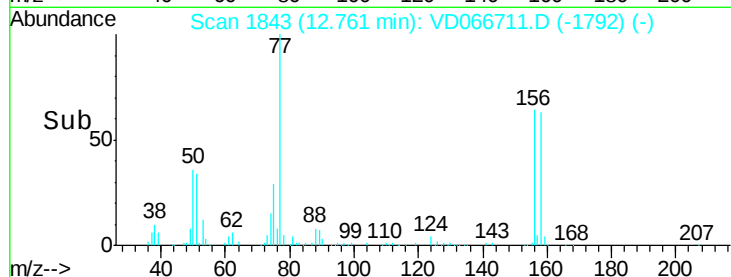
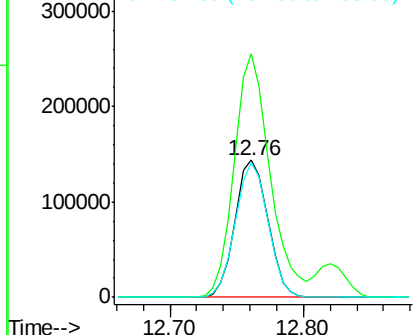
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.034 ug/l

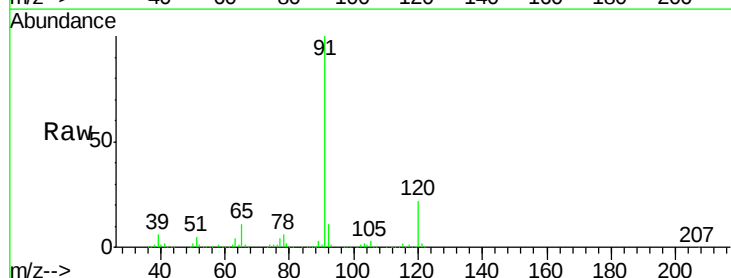
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066711.D

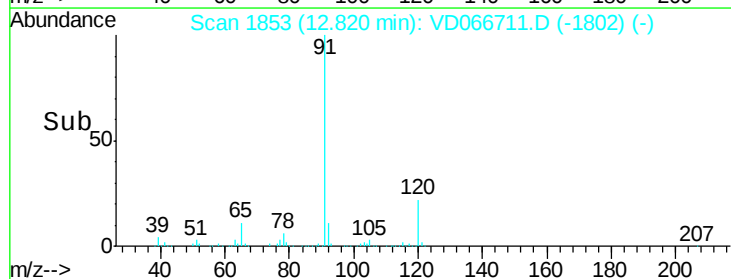
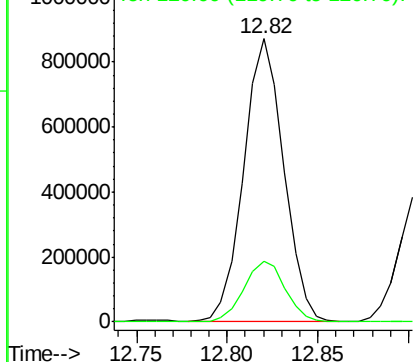
Acq: 15 Sep 2020 22:05

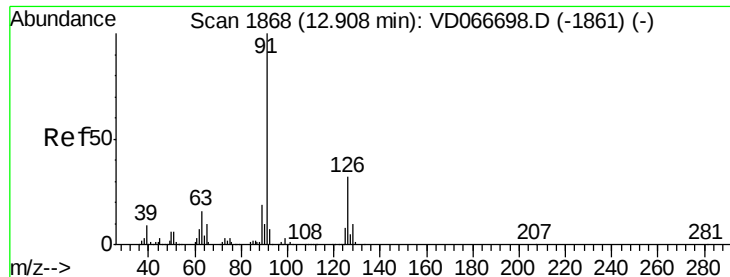
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.9	32.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.482 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 746392

Ion Ratio Lower Upper

91 100

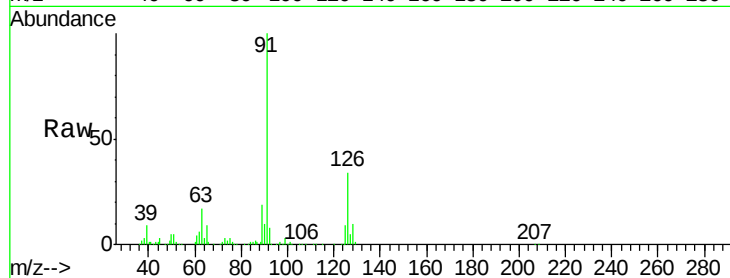
126 33.6 16.2 48.6

Manual Integrations

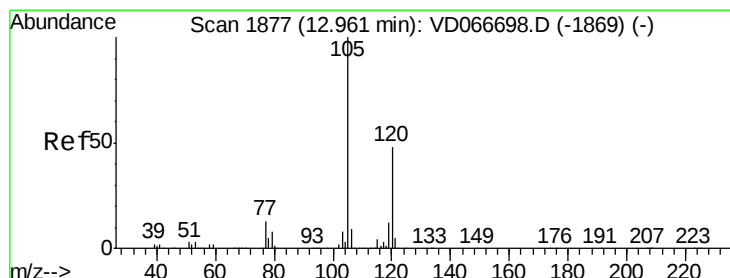
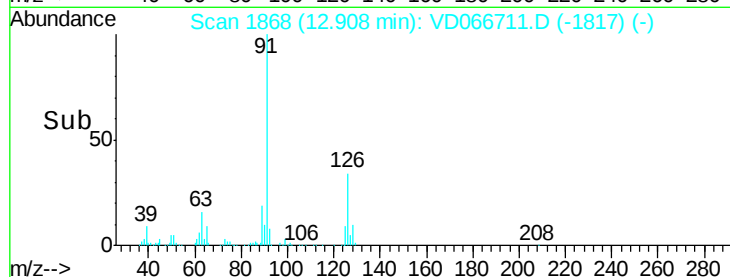
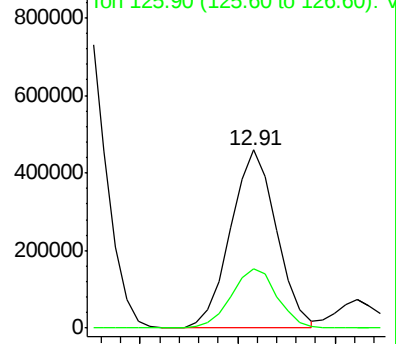
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Abundance Ion 91.00 (90.70 to 91.70): VD066711.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.475 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066711.D

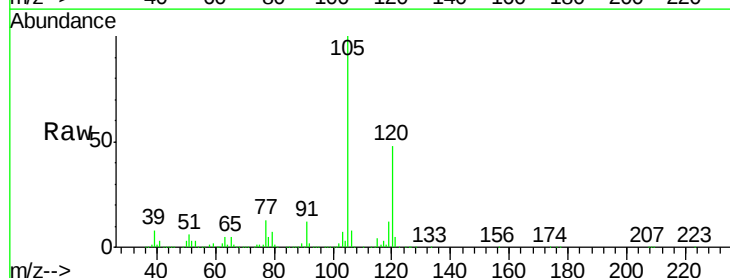
Acq: 15 Sep 2020 22:05

Tgt Ion: 105 Resp: 933933

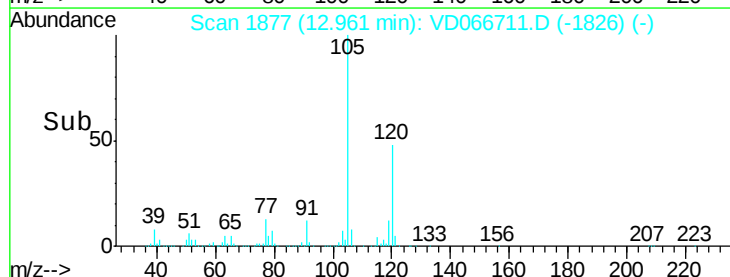
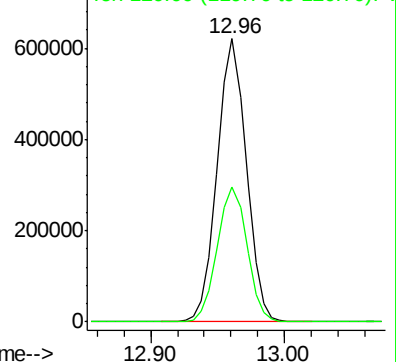
Ion Ratio Lower Upper

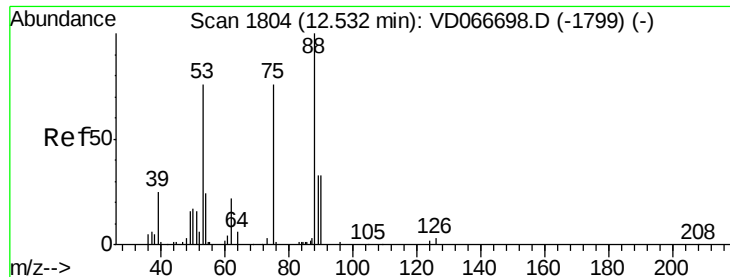
105 100

120 49.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD066711.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.973 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

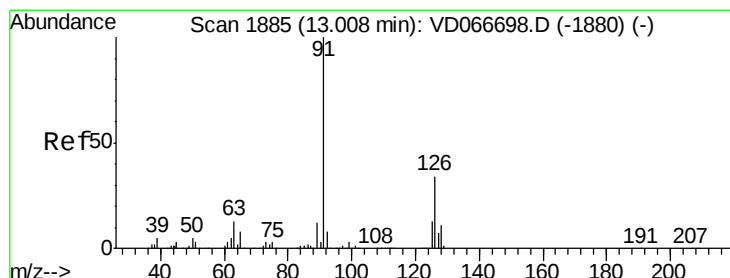
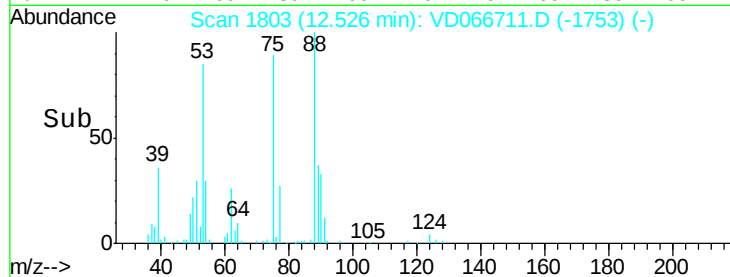
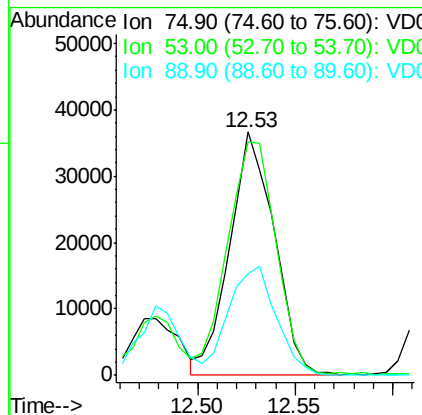
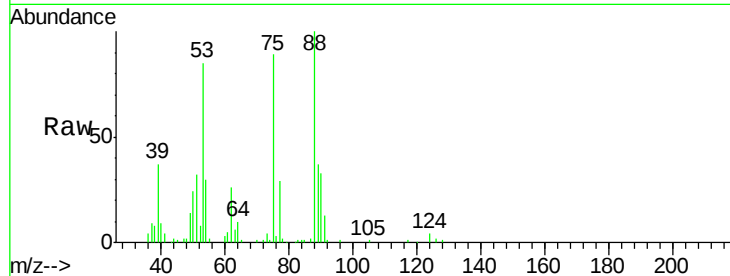
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	58100
Ion	Ratio	Lower	Upper
75	100		
53	105.6	82.2	123.4
89	47.5	39.6	59.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.838 ug/l

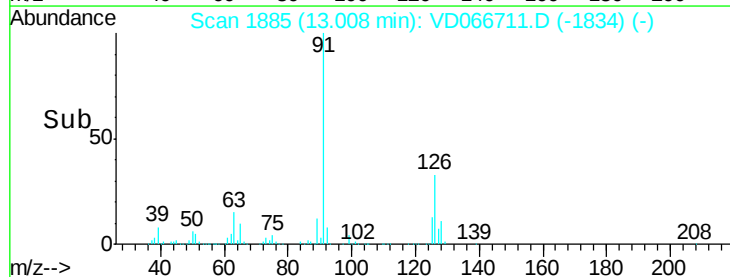
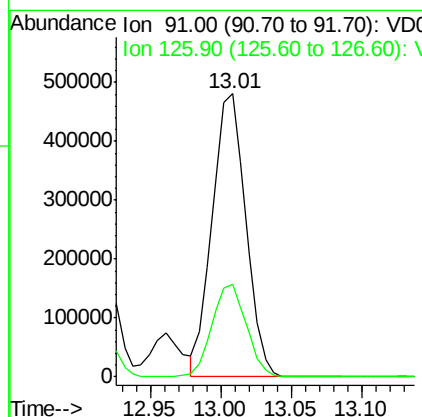
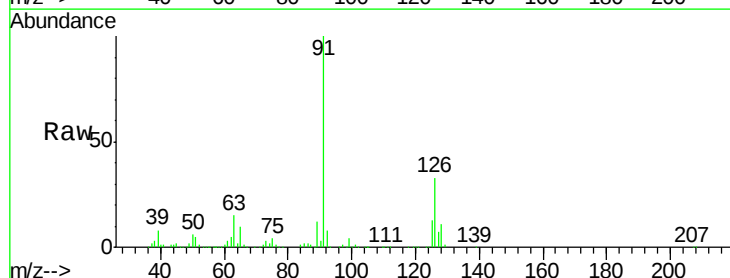
RT: 13.01 min Scan# 1885

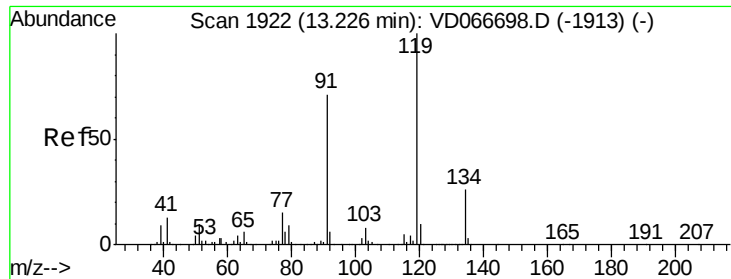
Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	91	Resp:	794883
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.8	50.4





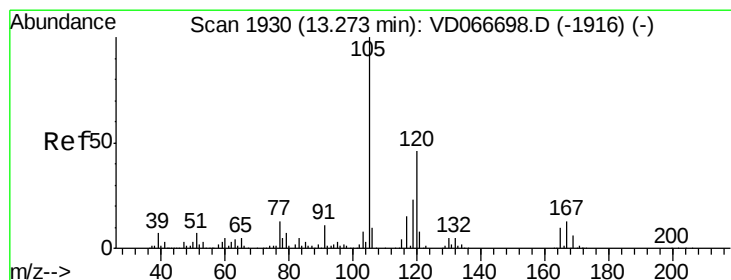
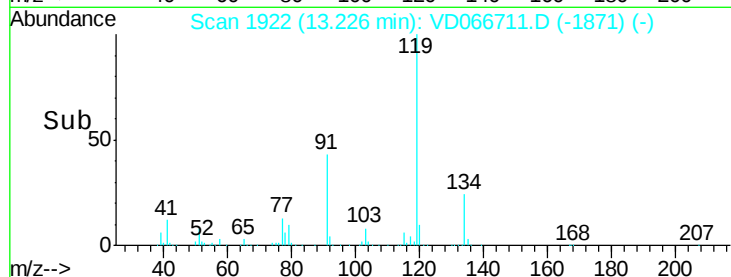
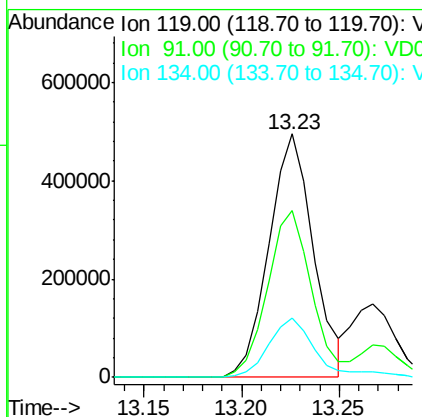
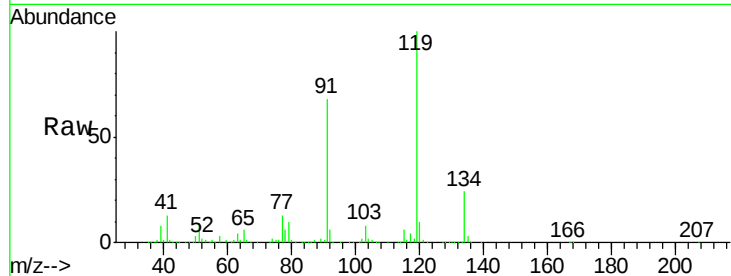
#83
tert-Butylbenzene
Concen: 51.044 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	35.0	105.1
134	26.0	13.6	40.8

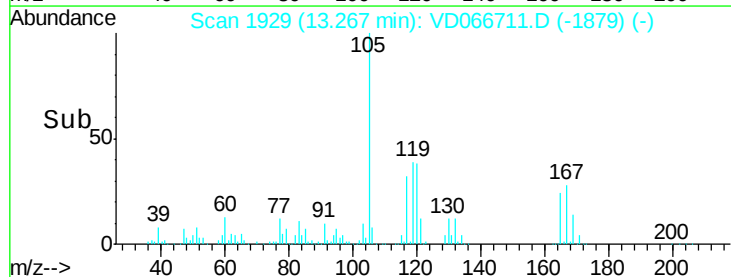
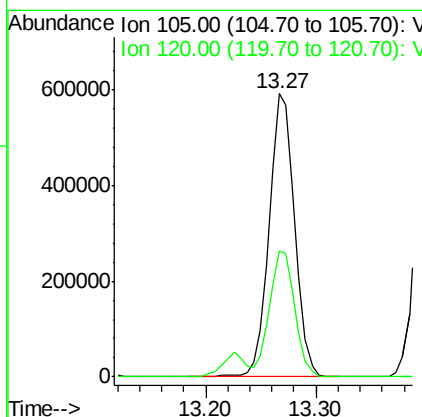
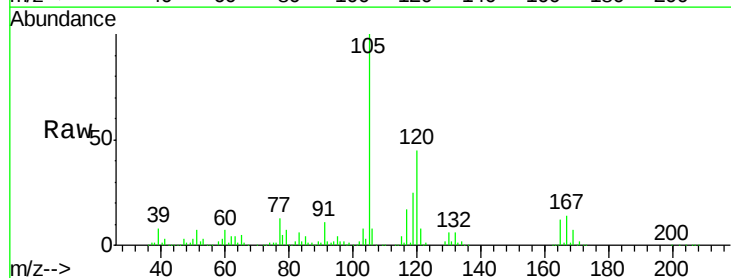
Manual Integrations
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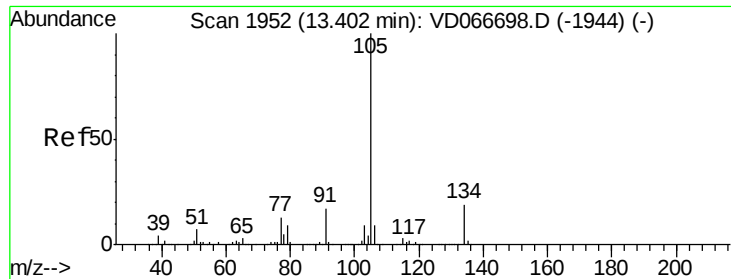
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#84
1,2,4-Trimethylbenzene
Concen: 51.484 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.2





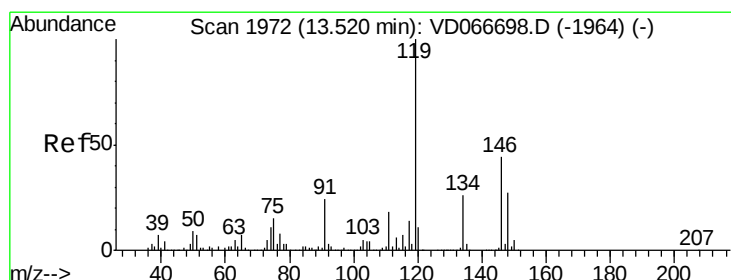
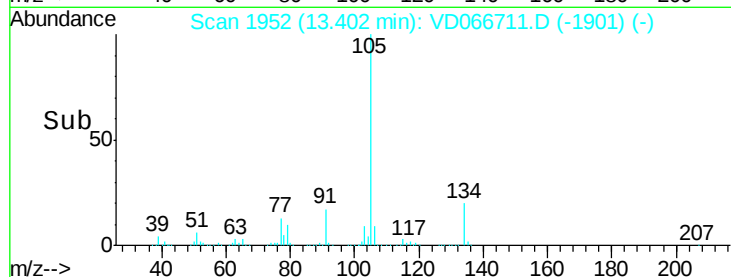
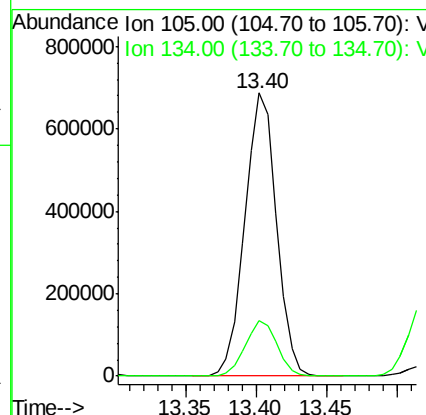
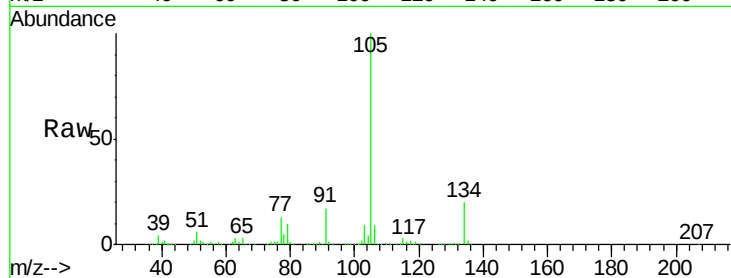
#85
 sec-Butylbenzene
 Concen: 49.263 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1077050
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0

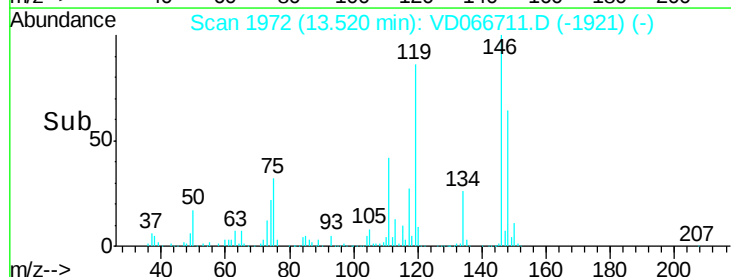
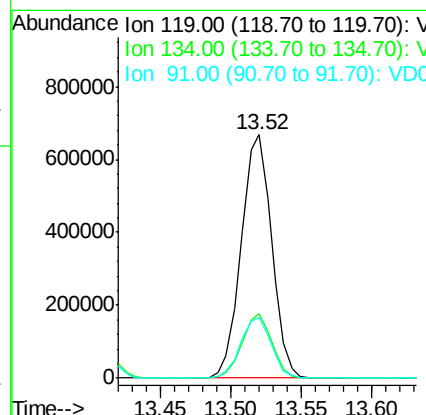
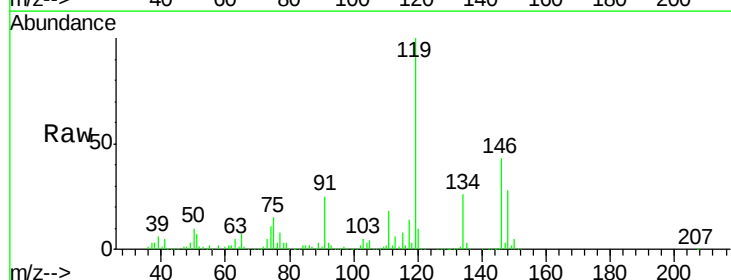
Manual Integrations
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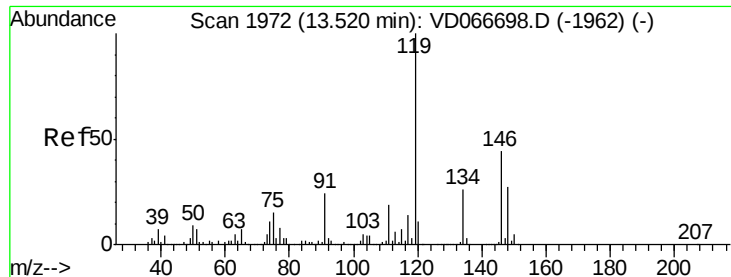
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#86
 p-Isopropyltoluene
 Concen: 50.508 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion:119 Resp: 1003916
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 25.1 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.900 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

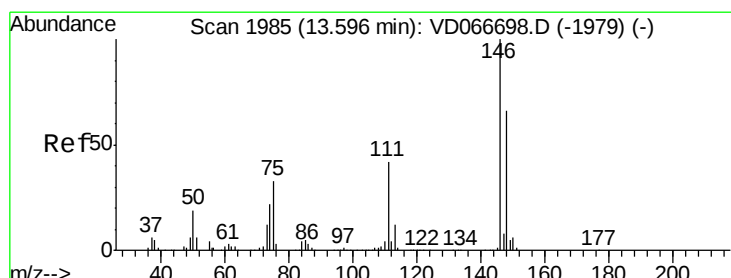
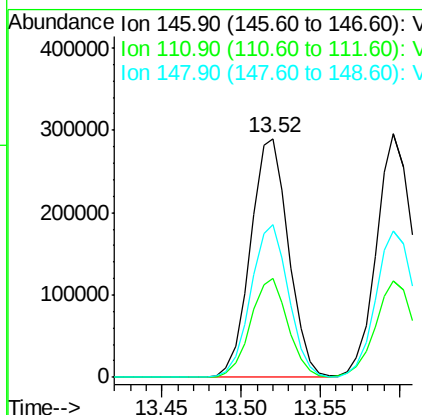
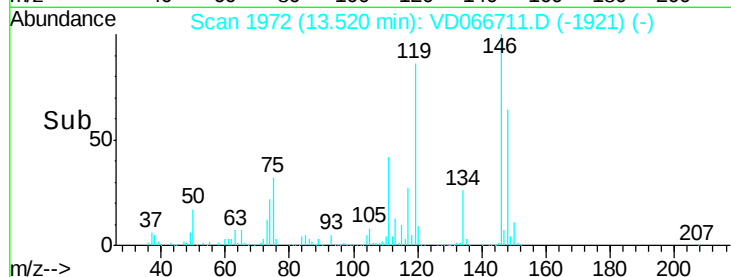
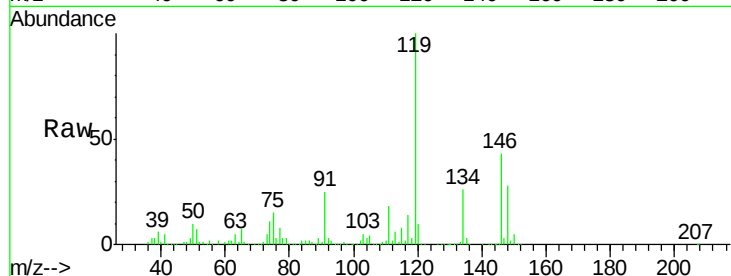
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	482857
Ion Ratio	Lower	Upper	
146	100		
111	40.7	21.1	63.3
148	63.3	31.4	94.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.030 ug/l

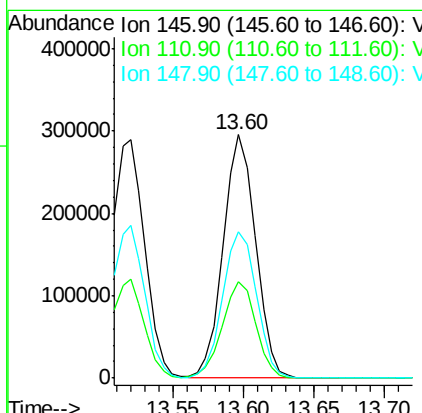
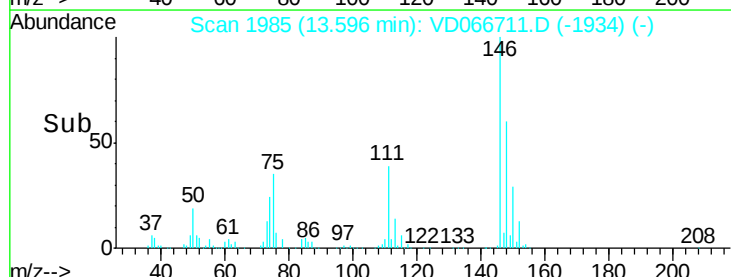
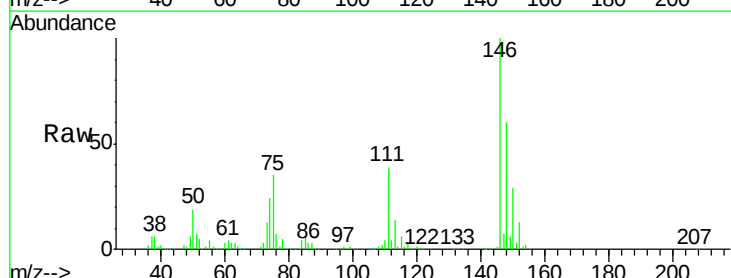
RT: 13.60 min Scan# 1985

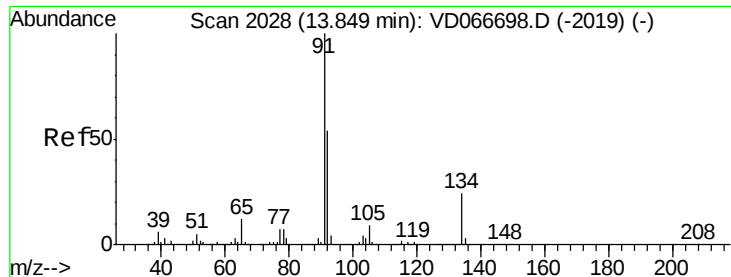
Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	146	Resp:	472444
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.5	61.6
148	63.0	32.7	98.1





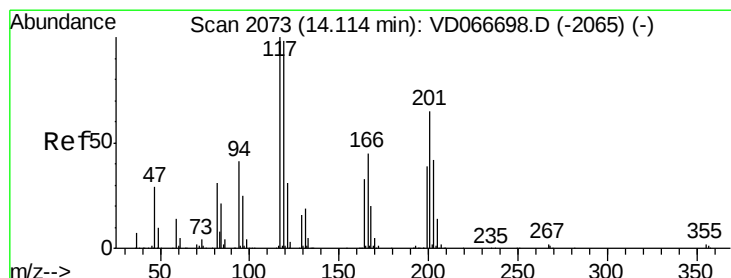
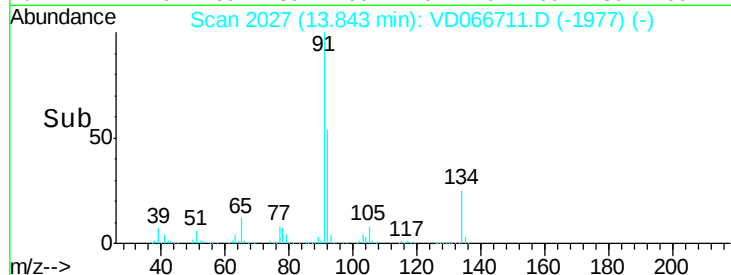
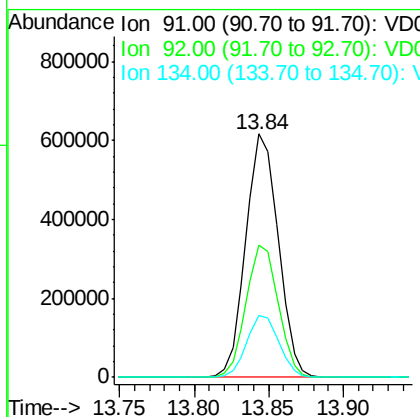
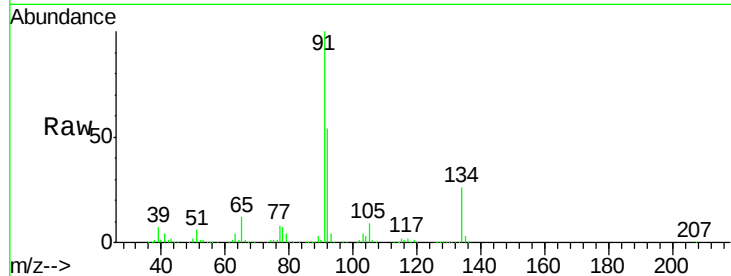
#89
n-Butylbenzene
Concen: 49.124 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.8	27.0	81.0	
134	25.4	12.4	37.0	

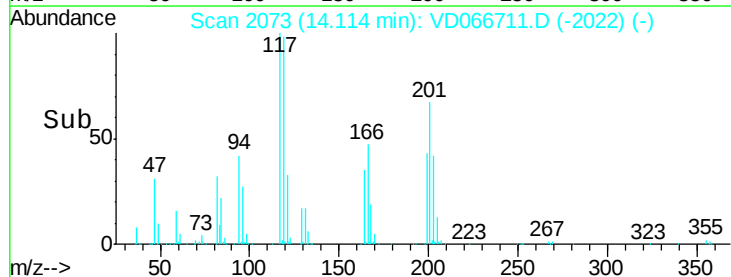
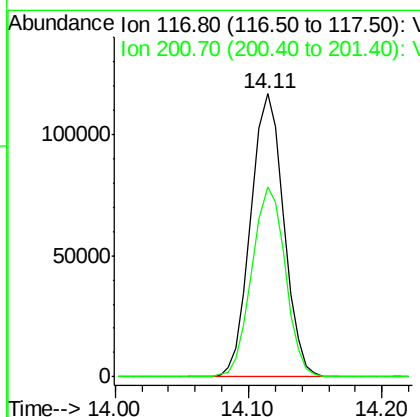
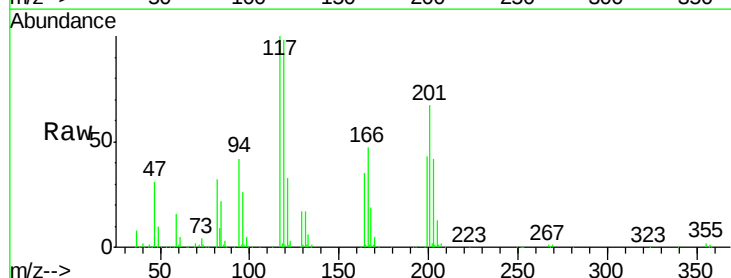
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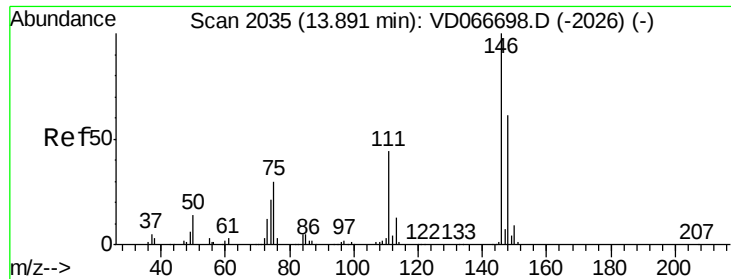
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#90
Hexachloroethane
Concen: 48.903 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	67.8	33.1	99.3	





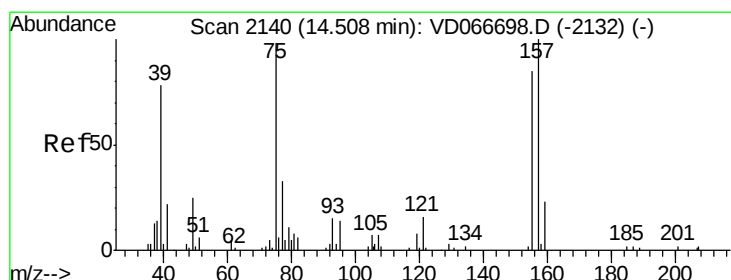
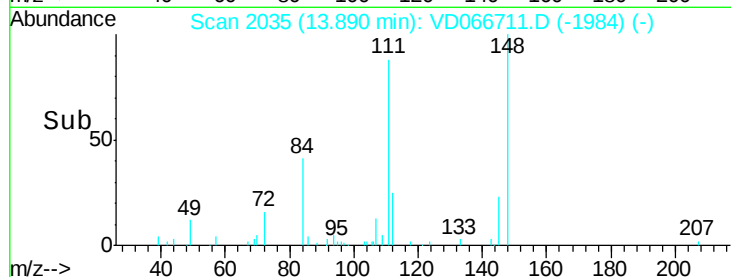
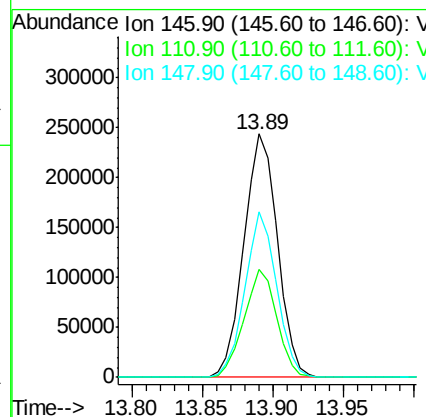
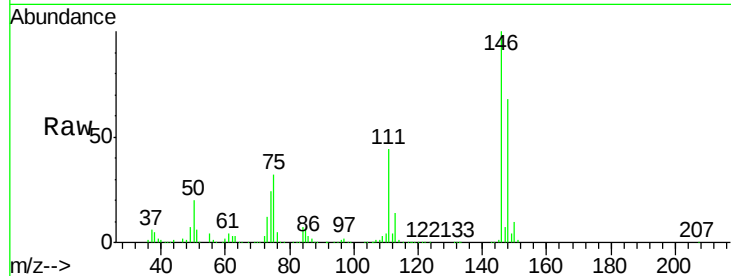
#91
 1,2-Dichlorobenzene
 Concen: 49.107 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.6
148	64.3	31.4	94.3

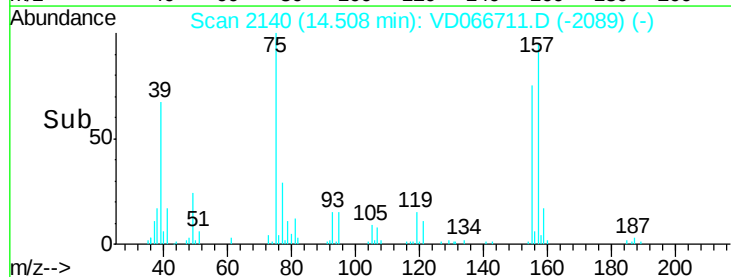
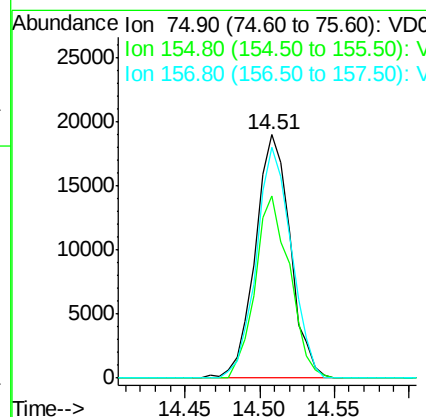
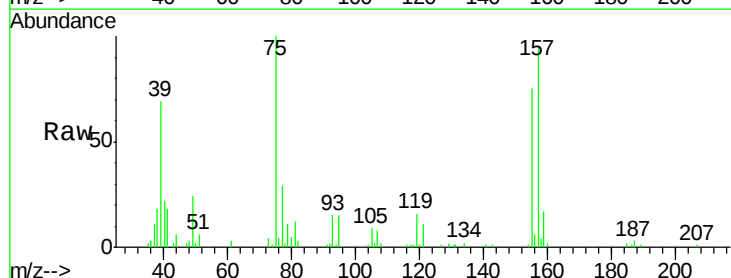
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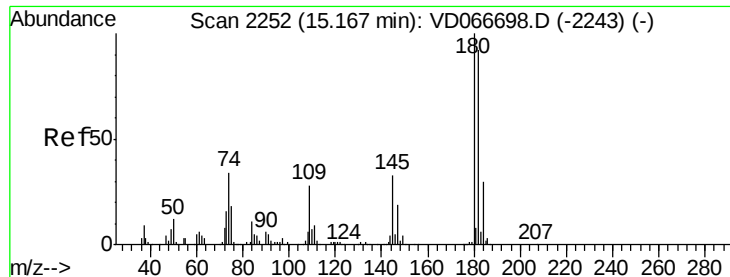
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.083 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.7	38.9	116.7
157	94.8	46.4	139.2





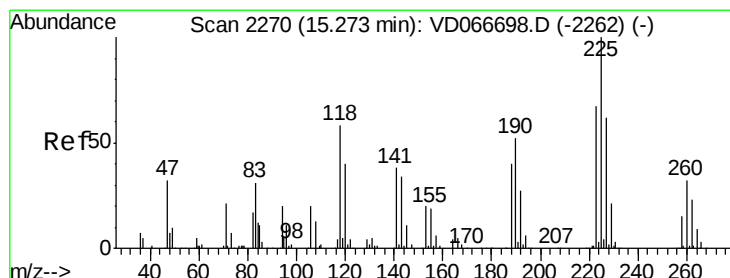
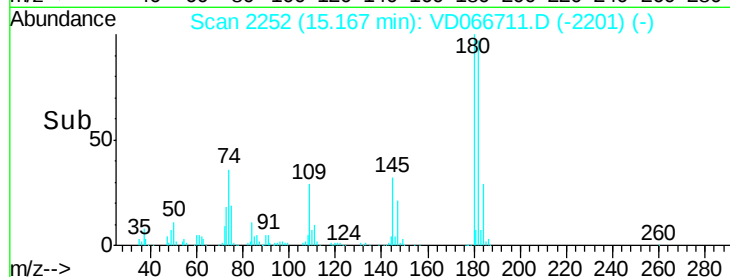
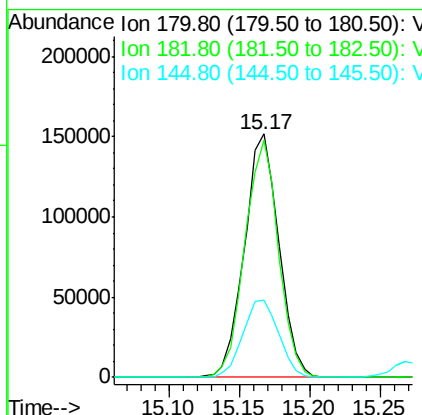
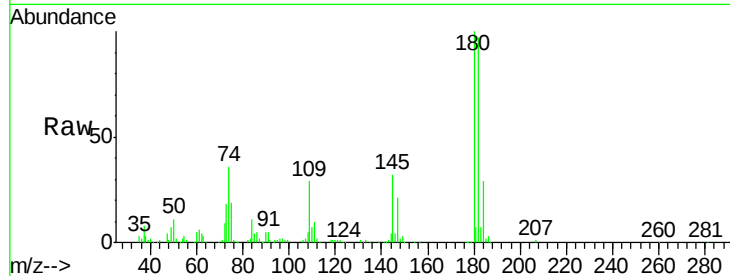
#93
 1,2,4-Trichlorobenzene
 Concen: 51.887 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	260206
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.6	139.7
145	32.9	16.5	49.5

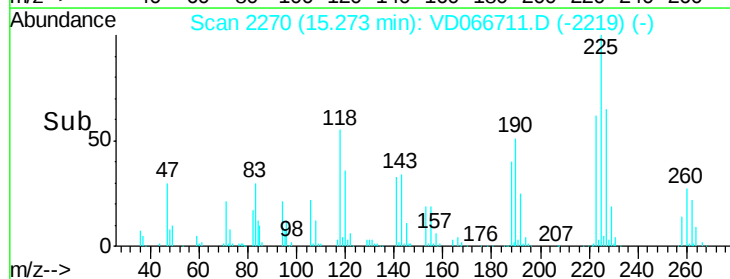
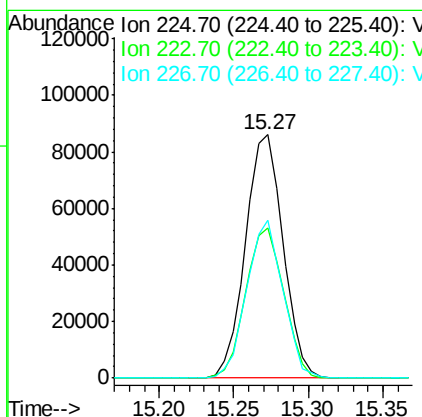
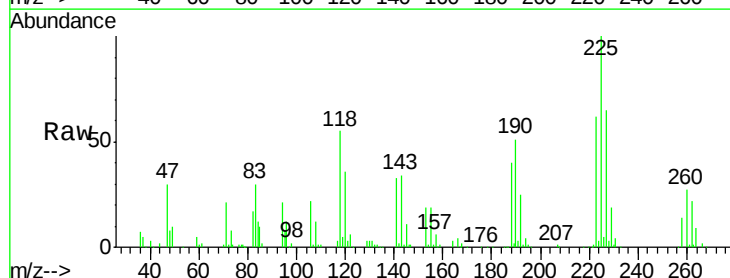
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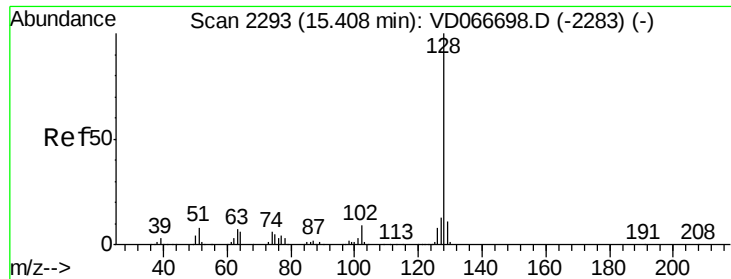
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#94
 Hexachlorobutadiene
 Concen: 49.694 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion:	225	Resp:	150146
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.9	95.9
227	62.5	31.3	93.9





#95

Naphthalene

Concen: 53.724 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

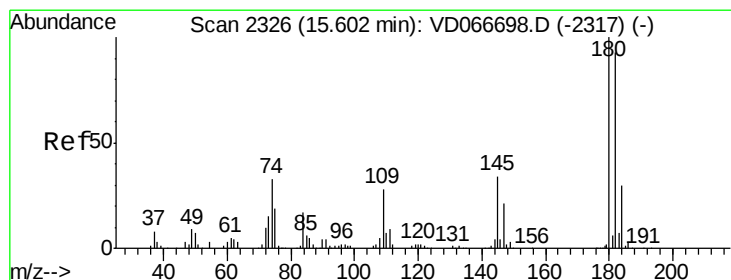
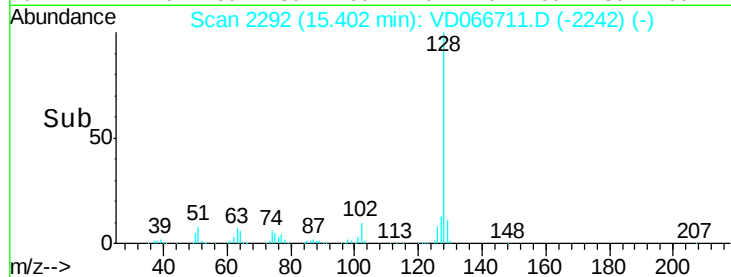
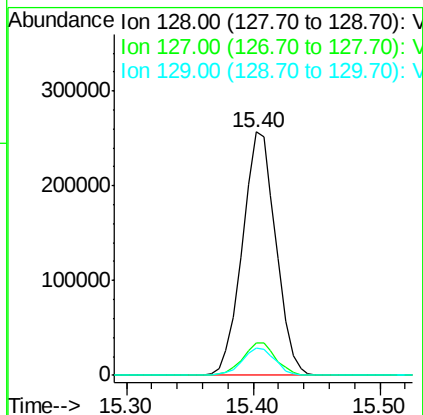
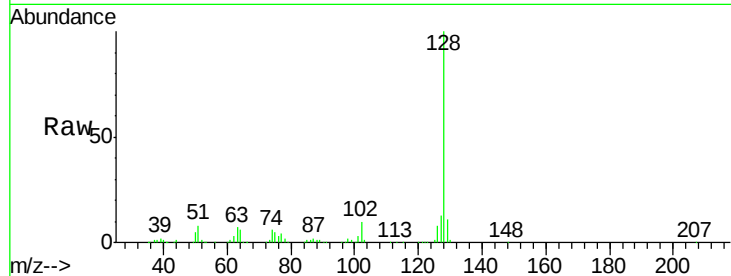
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	470726
Ion Ratio		Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.0	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 50.742 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:	180	Resp:	222264
Ion Ratio		Lower	Upper
180	100		
182	96.3	46.6	139.8
145	35.7	17.1	51.3

