

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066732.D
 Acq On : 16 Sep 2020 21:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:05:07 PM

Quant Time: Sep 17 01:40:47 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	7.97	168	379739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	640010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	592589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	273698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	210529	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
35) Dibromofluoromethane	7.91	113	202454	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.34	98	723887	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.63	95	250742	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	126261	44.367	ug/l	97
3) Chloromethane	2.21	50	182595	44.187	ug/l	97
4) Vinyl Chloride	2.35	62	185053	42.789	ug/l	95
5) Bromomethane	2.77	94	138899	45.274	ug/l	96
6) Chloroethane	2.92	64	120982	44.905	ug/l	90
7) Trichlorofluoromethane	3.27	101	332154	44.465	ug/l	96
8) Diethyl Ether	3.71	74	94078	50.295	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	185128	45.096	ug/l	100
10) Methyl Iodide	4.30	142	172838	44.374	ug/l	99
11) Tert butyl alcohol	5.21	59	66043	251.457	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	178495	46.976	ug/l	96
13) Acrolein	3.92	56	69851	244.448	ug/l	93
14) Allyl chloride	4.72	41	296597	48.605	ug/l	98
15) Acrylonitrile	5.42	53	213646	260.729	ug/l	100
16) Acetone	4.16	43	177089	214.638	ug/l	94
17) Carbon Disulfide	4.41	76	576292	48.266	ug/l #	94
18) Methyl Acetate	4.71	43	94589	54.001	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	448043	52.939	ug/l	99
20) Methylene Chloride	4.97	84	227433	51.502	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	217951	49.233	ug/l	98
22) Diisopropyl ether	6.36	45	652059	52.589	ug/l	97
23) Vinyl Acetate	6.30	43	1884778	273.276	ug/l	98
24) 1,1-Dichloroethane	6.26	63	389682	49.527	ug/l	97
25) 2-Butanone	7.21	43	269772	251.103	ug/l	98
26) 2,2-Dichloropropane	7.20	77	318779	43.814	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	242658	50.105	ug/l	99
28) Bromochloromethane	7.54	49	158904	54.070	ug/l	98
29) Tetrahydrofuran	7.56	42	178018	270.823	ug/l	97
30) Chloroform	7.70	83	420453	50.210	ug/l	100
31) Cyclohexane	7.98	56	324883	45.395	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	363478	47.435	ug/l	99
36) 1,1-Dichloropropene	8.11	75	304193	46.229	ug/l	99
37) Ethyl Acetate	7.29	43	123597	49.615	ug/l	98
38) Carbon Tetrachloride	8.09	117	323322	46.269	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	349110	46.383	ug/l	99
40) Benzene	8.34	78	875489	49.179	ug/l	98
41) Methacrylonitrile	7.53	41	69291m	52.540	ug/l	
42) 1,2-Dichloroethane	8.42	62	270914	49.121	ug/l	99
43) Isopropyl Acetate	8.45	43	242039	51.620	ug/l	99
44) Trichloroethene	9.11	130	233960	49.153	ug/l	98
45) 1,2-Dichloropropane	9.38	63	224190	50.941	ug/l	98
46) Dibromomethane	9.47	93	124550	51.502	ug/l	100
47) Bromodichloromethane	9.66	83	328056	49.782	ug/l	97
48) Methyl methacrylate	9.45	41	116777	48.964	ug/l	91
49) 1,4-Dioxane	9.46	88	26992	1041.941	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	638908	264.673	ug/l	100
52) Toluene	10.40	92	576028	50.510	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	301694	51.248	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	355148	50.792	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	167560	52.550	ug/l	95
56) Ethyl methacrylate	10.66	69	200098	55.301	ug/l	98
57) 1,3-Dichloropropane	10.94	76	285921	51.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	411818	259.141	ug/l	99
59) 2-Hexanone	10.98	43	428569	264.227	ug/l	99
60) Dibromochloromethane	11.14	129	212012	51.030	ug/l	97
61) 1,2-Dibromoethane	11.24	107	159561	52.167	ug/l	99
64) Tetrachloroethene	10.87	164	187473	46.344	ug/l	92
65) Chlorobenzene	11.67	112	589456	48.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	222971	49.255	ug/l	98
67) Ethyl Benzene	11.74	91	1091916	49.134	ug/l	98
68) m/p-Xylenes	11.85	106	832722	99.142	ug/l	98
69) o-Xylene	12.18	106	375156	50.544	ug/l	100
70) Styrene	12.19	104	668565	51.177	ug/l	99
71) Bromoform	12.36	173	114795	50.530	ug/l #	99
73) Isopropylbenzene	12.48	105	1012108	49.535	ug/l	100
74) N-amyl acetate	12.28	43	223167	51.778	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	176320	50.784	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	130906m	55.877	ug/l	
77) Bromobenzene	12.76	156	229453	48.724	ug/l	100
78) n-propylbenzene	12.82	91	1208990	48.540	ug/l	98
79) 2-Chlorotoluene	12.91	91	688794	48.907	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	862136	49.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	52057	47.956	ug/l	96
82) 4-Chlorotoluene	13.00	91	732972	49.220	ug/l	100
83) tert-Butylbenzene	13.23	119	710167	49.875	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	865971	50.157	ug/l	100
85) sec-Butylbenzene	13.40	105	987972	48.398	ug/l	100
86) p-Isopropyltoluene	13.52	119	915740	49.344	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	443692	49.109	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	435554	48.412	ug/l	99
89) n-Butylbenzene	13.84	91	851140	48.232	ug/l	99
90) Hexachloroethane	14.11	117	186784	48.994	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	380348	49.131	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28031	49.945	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	235983	50.399	ug/l	98
94) Hexachlorobutadiene	15.27	225	133382	47.281	ug/l	98
95) Naphthalene	15.41	128	445781	54.491	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	210416	51.449	ug/l	99

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

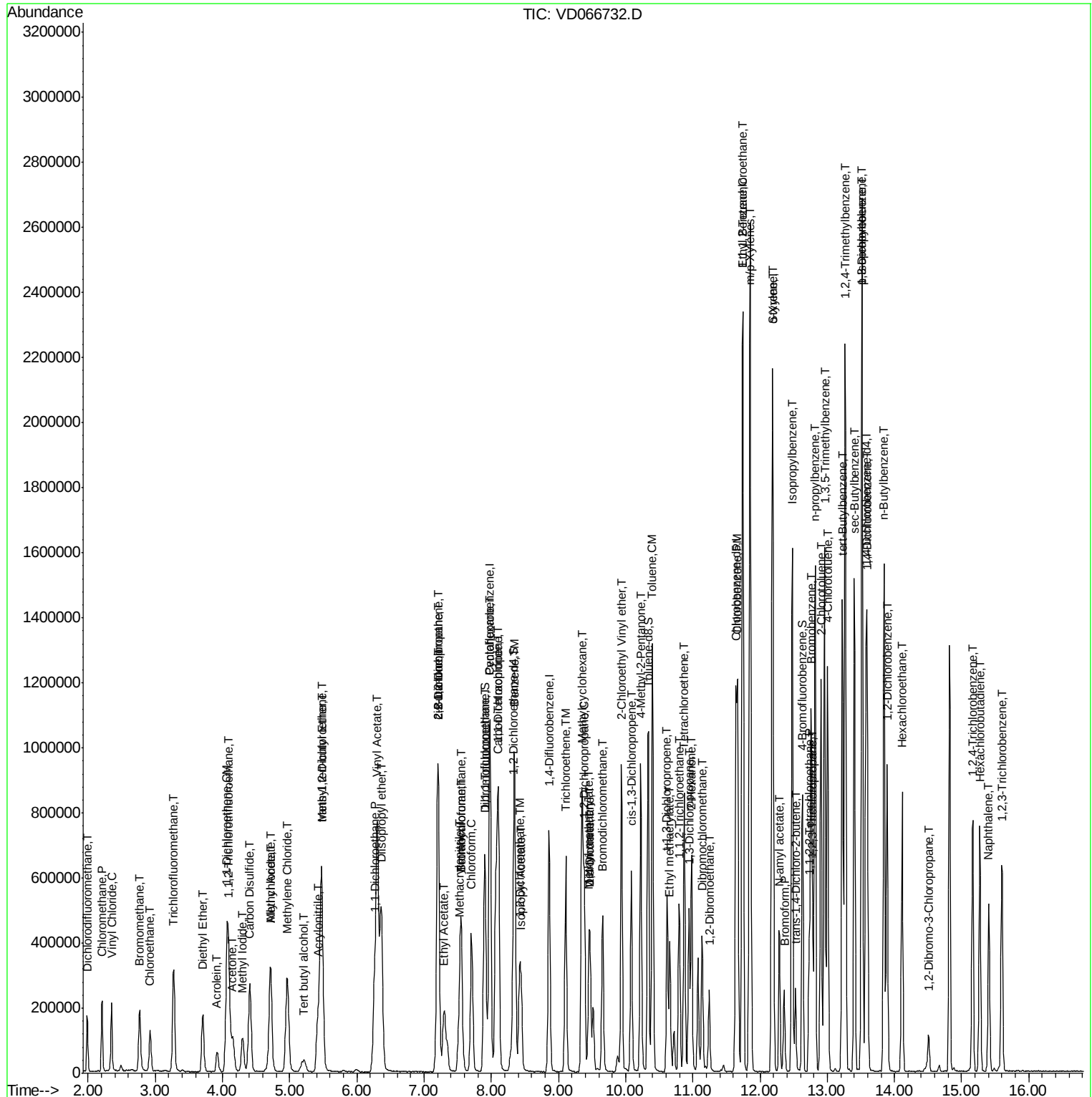
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091620\
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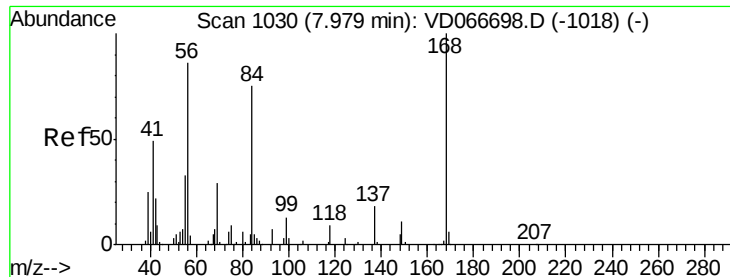
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 379739

Ion Ratio Lower Upper

168 100

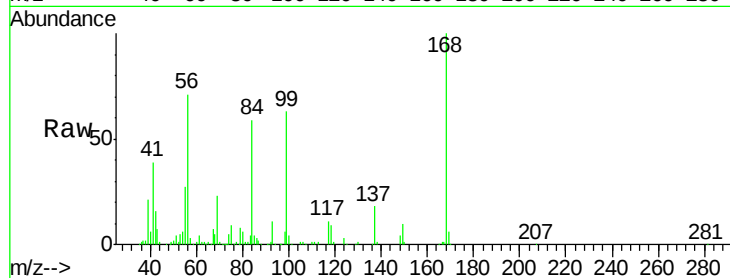
99 62.8 54.4 81.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

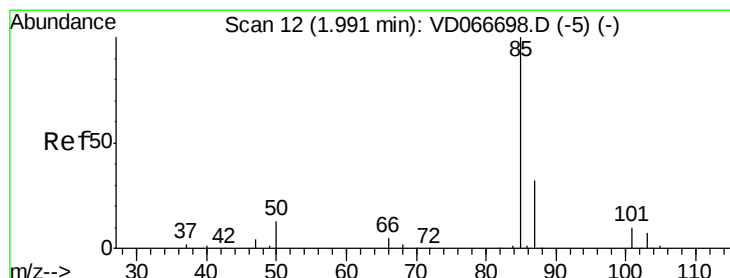
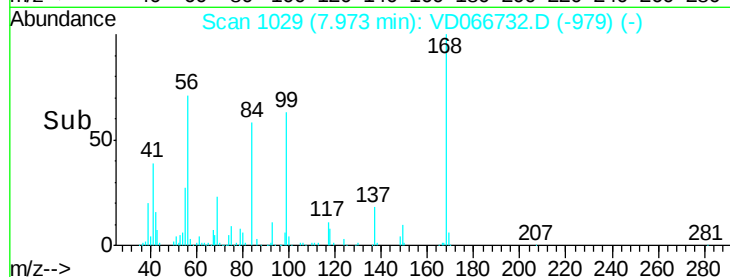
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.367 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066732.D

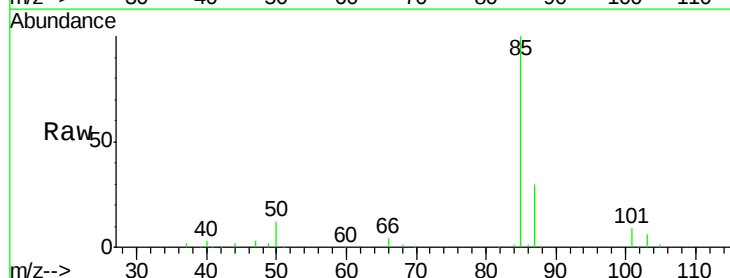
Acq: 16 Sep 2020 21:00

Tgt Ion: 85 Resp: 126261

Ion Ratio Lower Upper

85 100

87 30.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

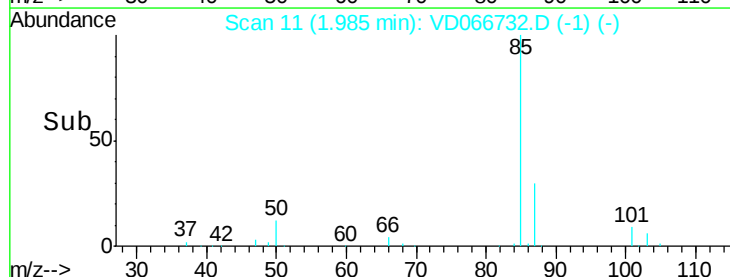
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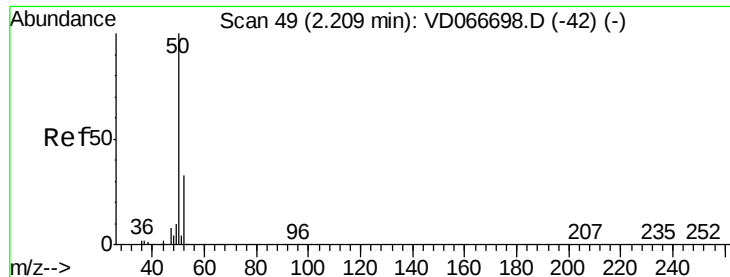
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 44.187 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 182595

Ion Ratio Lower Upper

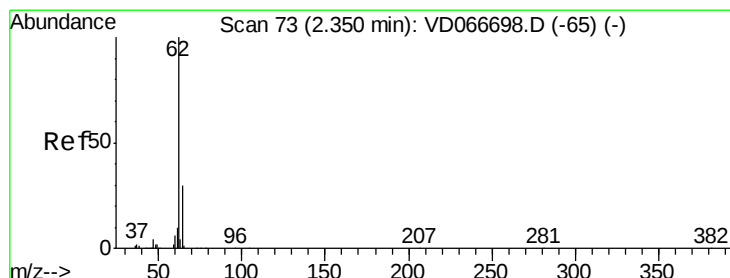
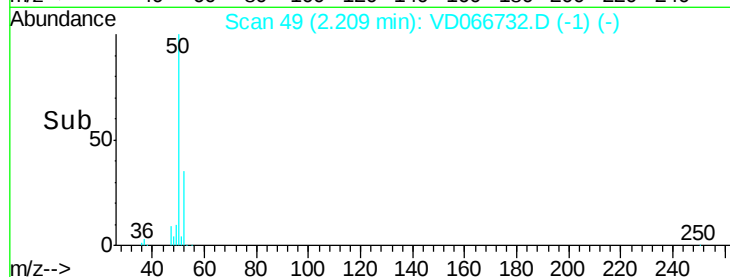
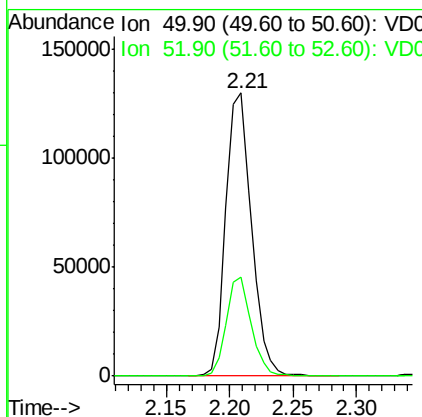
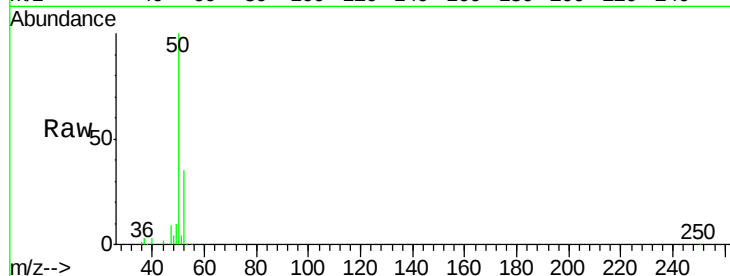
50 100

52 35.2 26.8 40.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 42.789 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066732.D

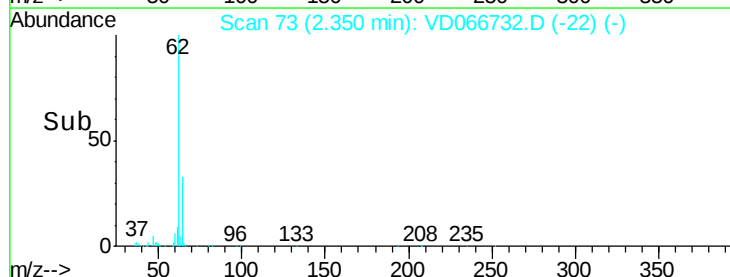
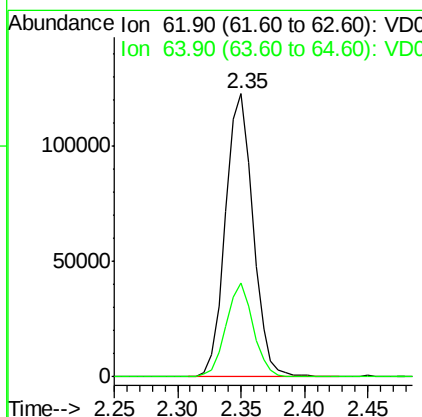
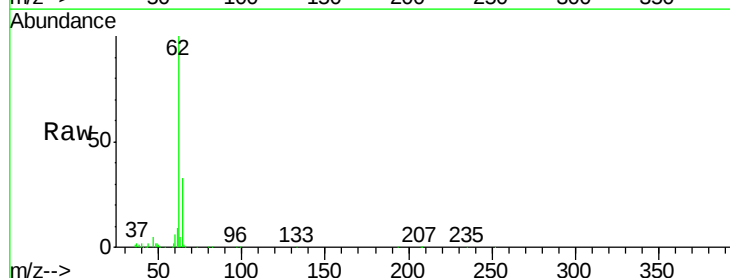
Acq: 16 Sep 2020 21:00

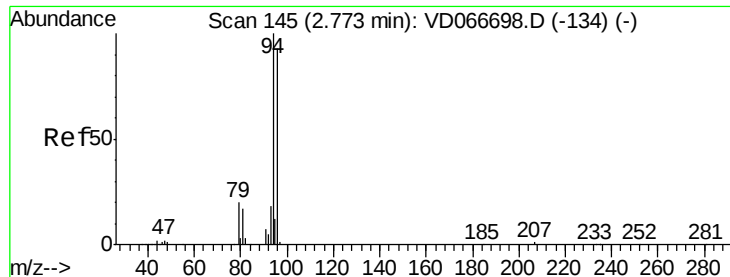
Tgt Ion: 62 Resp: 185053

Ion Ratio Lower Upper

62 100

64 33.2 24.4 36.6





#5

Bromomethane

Concen: 45.274 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 138899

Ion Ratio Lower Upper

94 100

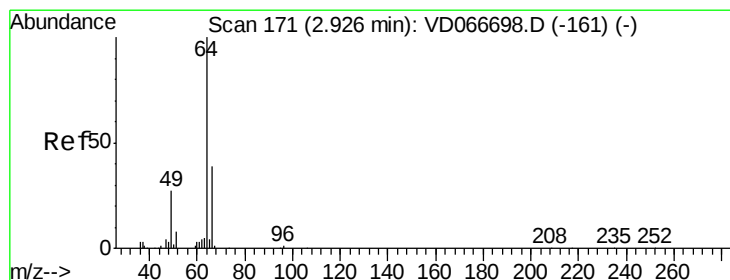
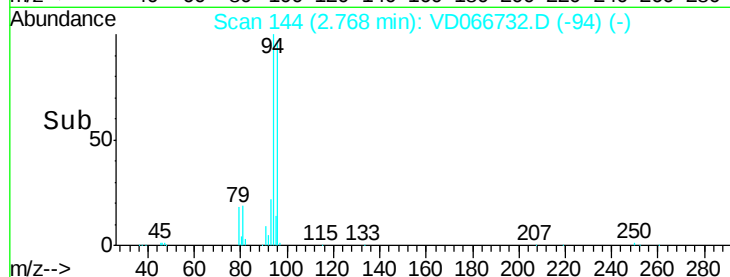
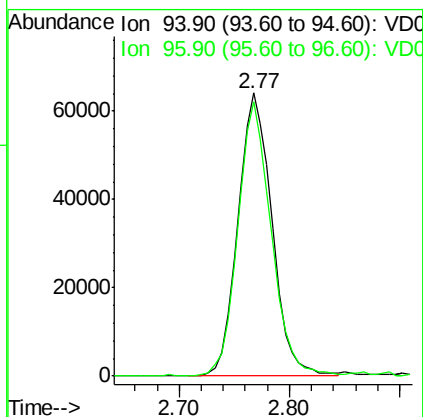
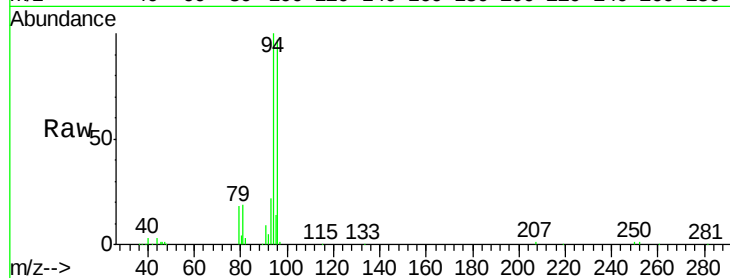
96 97.0 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 44.905 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066732.D

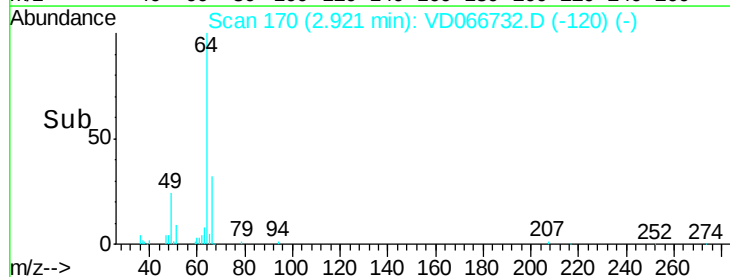
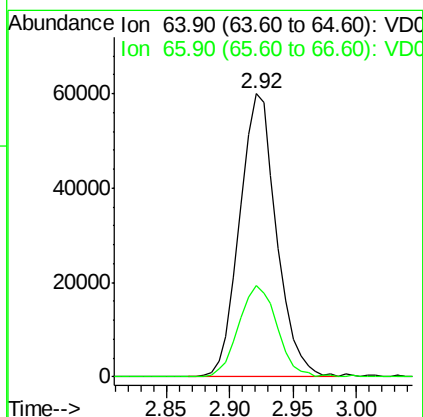
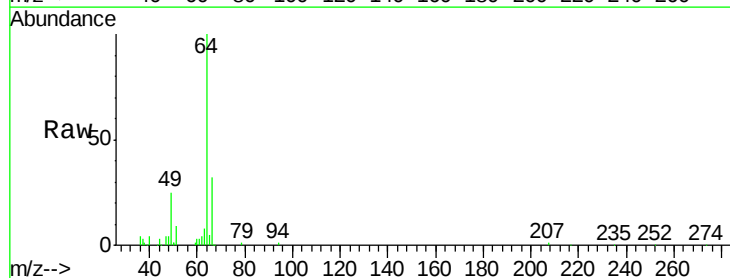
Acq: 16 Sep 2020 21:00

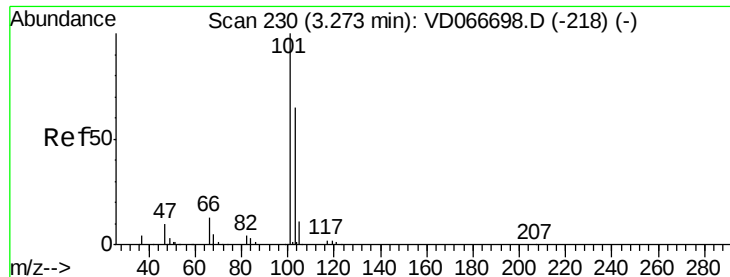
Tgt Ion: 64 Resp: 120982

Ion Ratio Lower Upper

64 100

66 32.5 30.9 46.3





#7

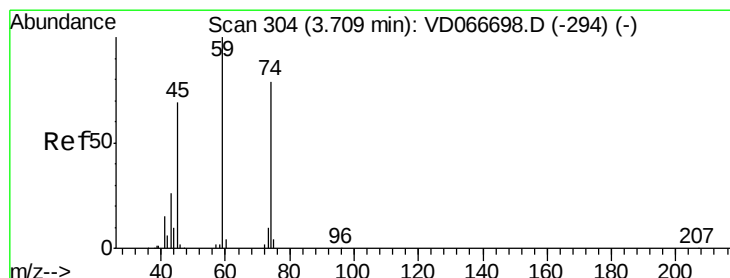
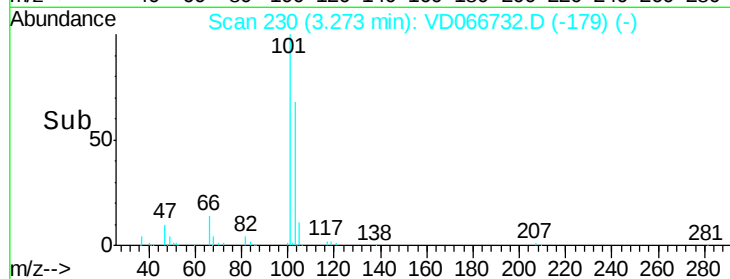
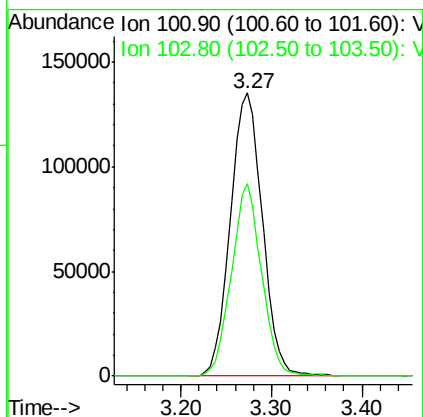
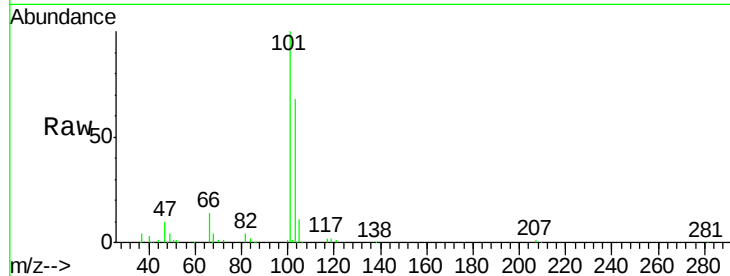
Trichlorofluoromethane
 Concen: 44.465 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.9	51.8	77.8

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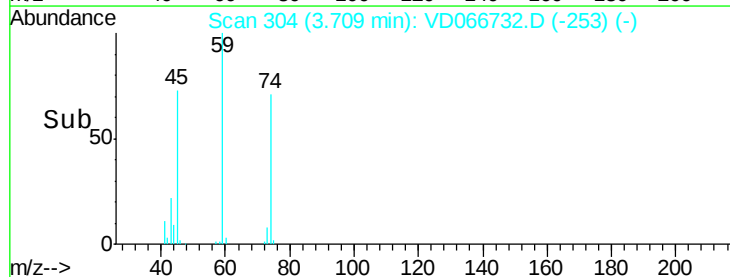
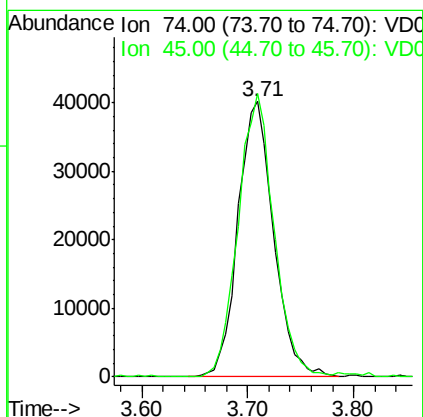
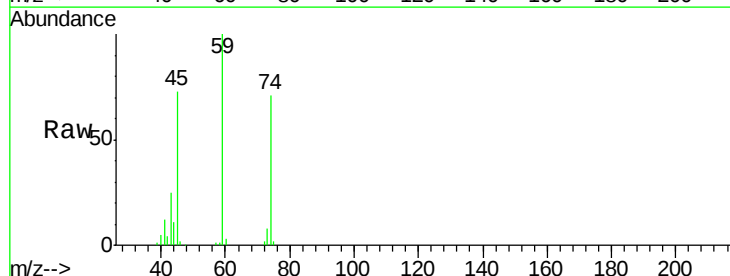
MMDadoda
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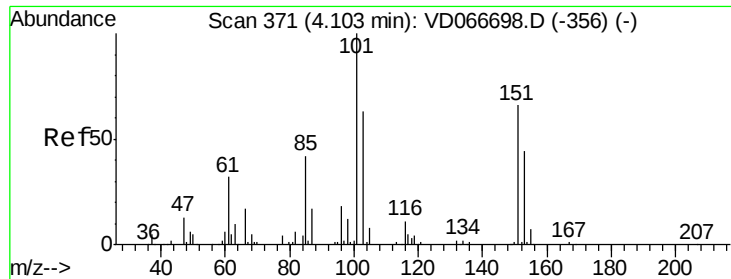


#8

Diethyl Ether
 Concen: 50.295 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.3	48.0	144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.096 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

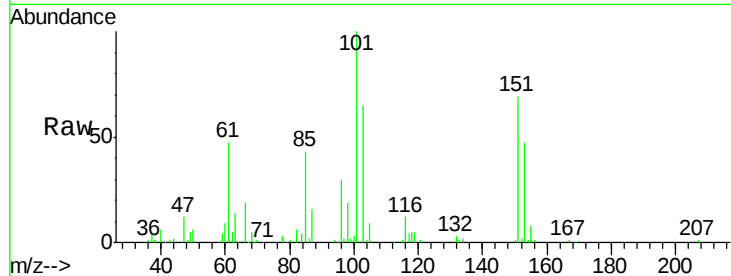
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	185128
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.3	54.5
151	72.5	58.0	87.0

Manual Integrations
APPROVED

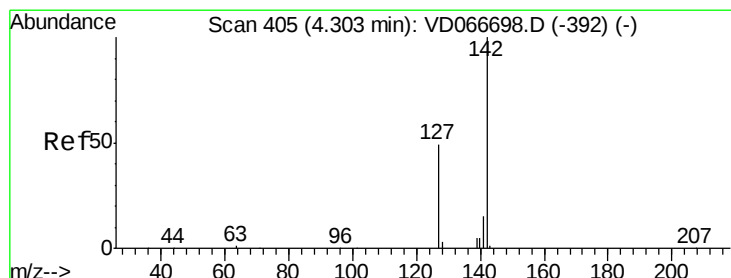
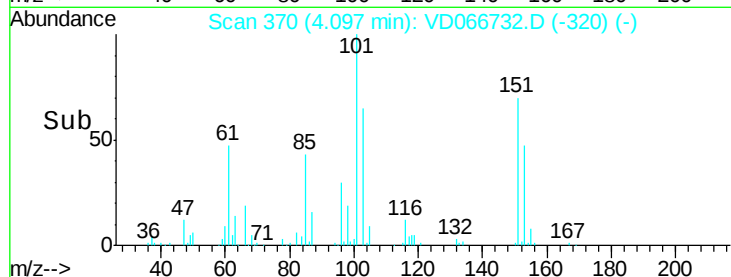
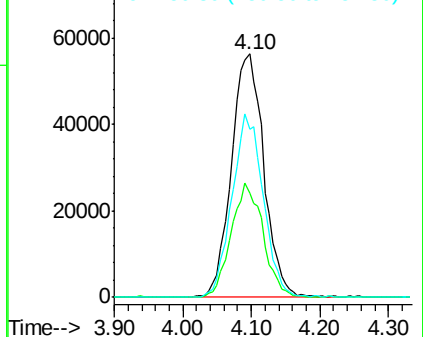
MMDadoda
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.374 ug/l

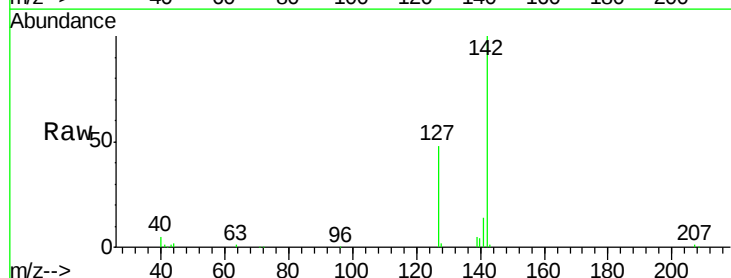
RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

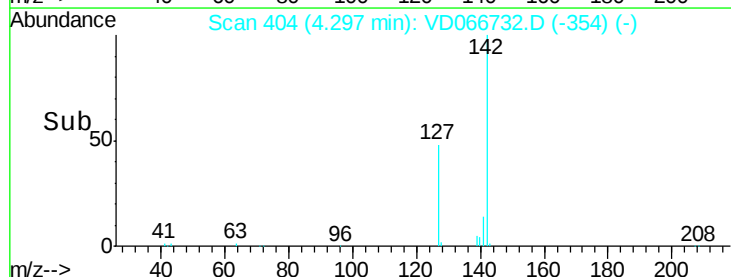
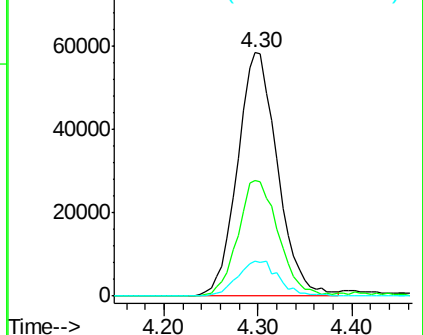
Tgt Ion:	142	Resp:	172838
Ion Ratio	Lower	Upper	
142	100		
127	48.0	39.0	58.4
141	15.0	11.7	17.5

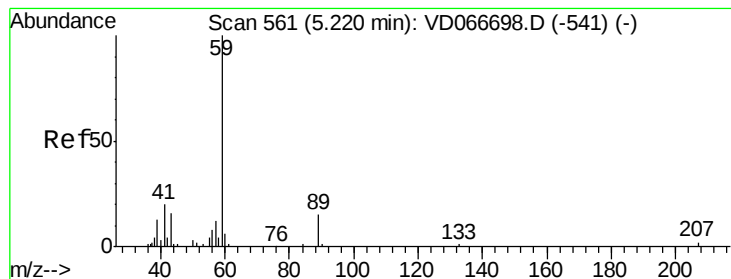


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

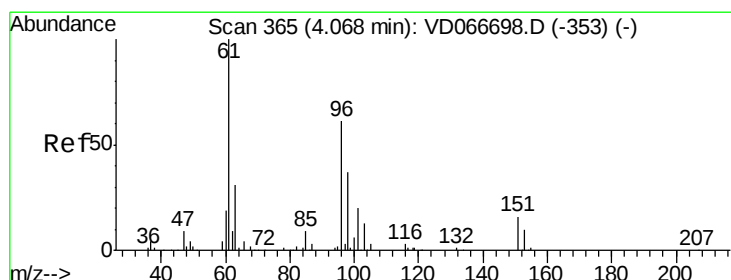
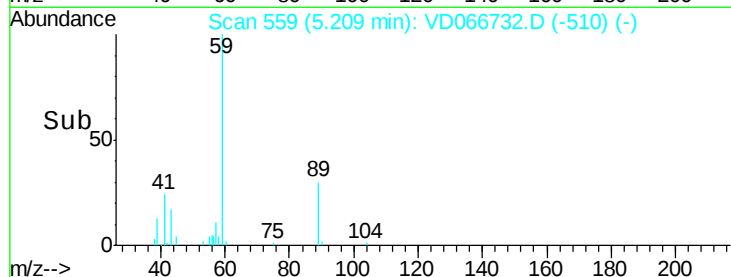
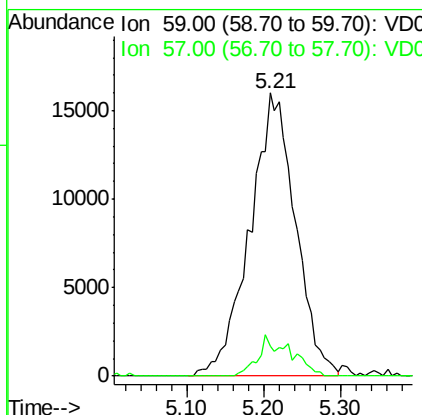
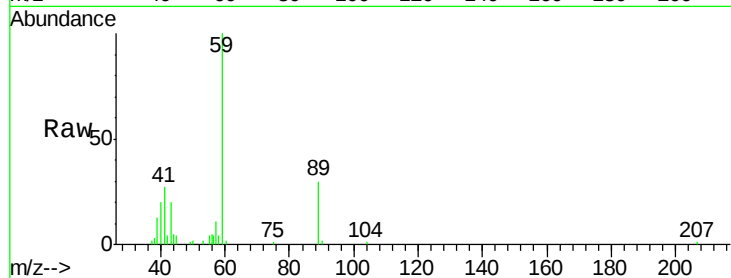
Tert butyl alcohol
Concen: 251.457 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	66043		
57	4.9	6.7	10.1#	

Manual Integrations
APPROVED

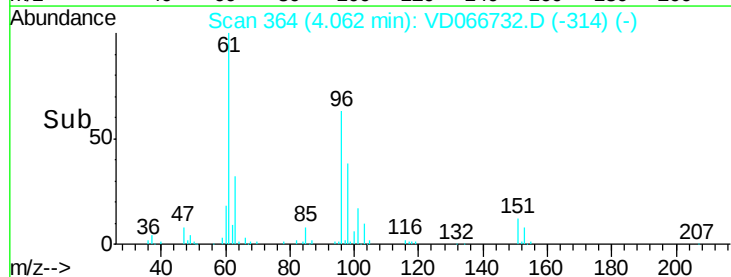
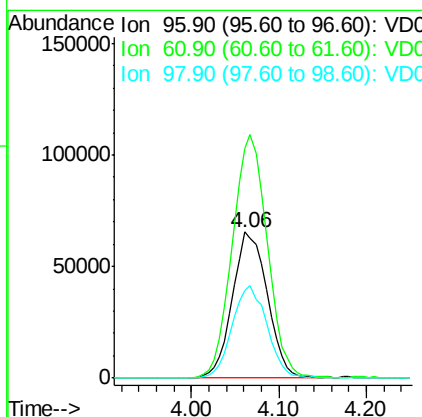
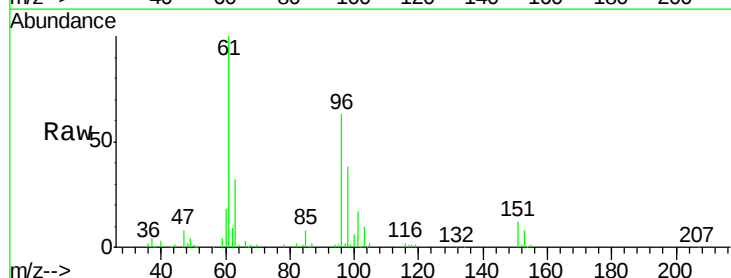
MMDadoda
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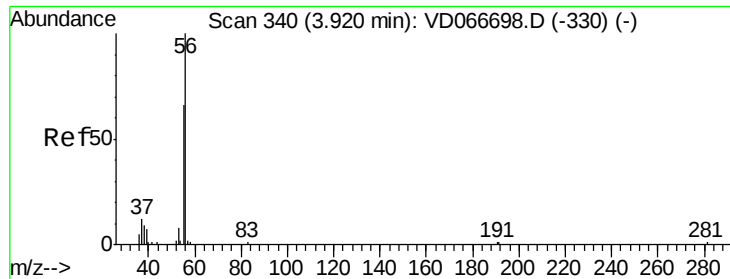


#12

1,1-Dichloroethene
Concen: 46.976 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	178495		
61	157.8	131.9	197.9	
98	60.0	49.1	73.7	





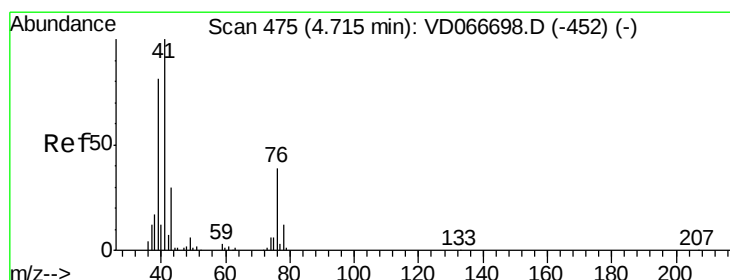
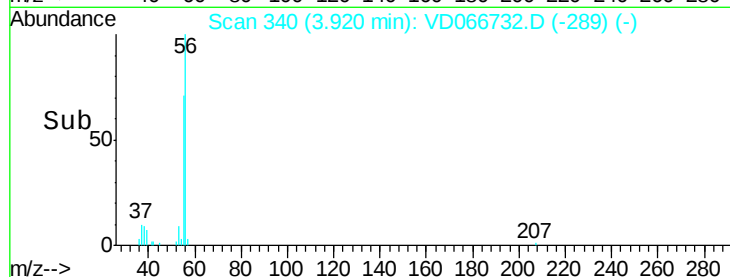
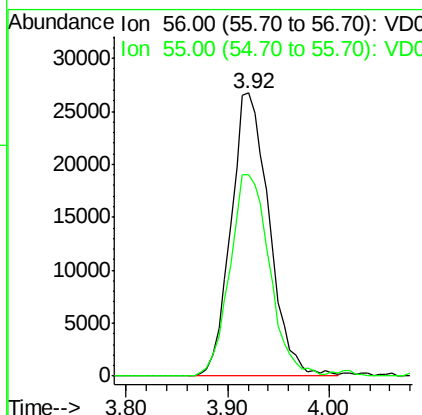
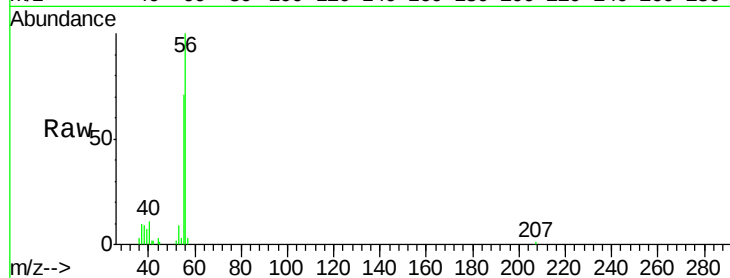
#13
Acrolein
Concen: 244.448 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	69851
Ion Ratio	100	Lower	Upper
55	74.0	54.7	82.1

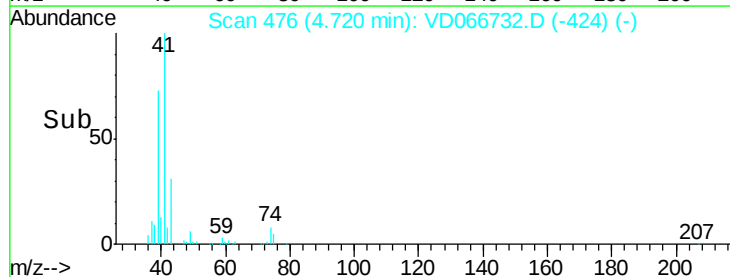
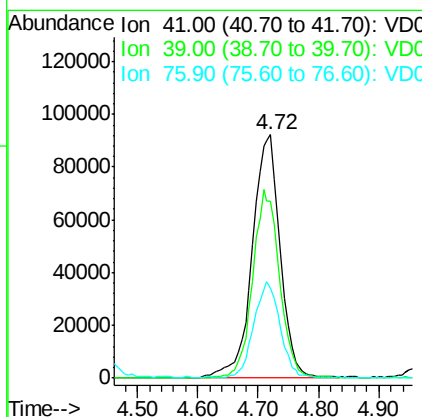
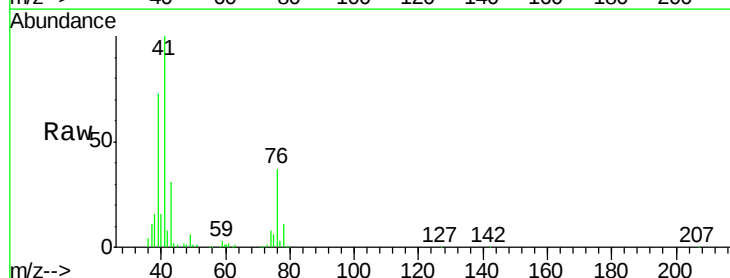
Manual Integrations
APPROVED

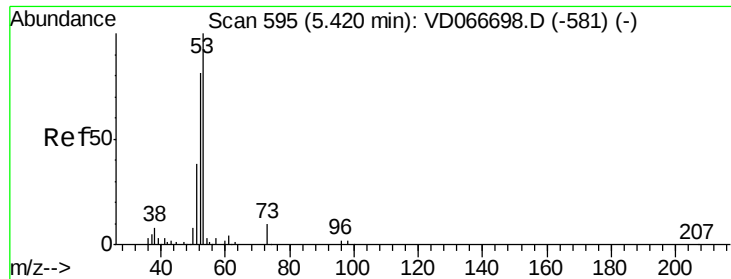
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#14
Allyl chloride
Concen: 48.605 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	41	Resp	296597
Ion Ratio	100	Lower	Upper
39	74.0	60.6	90.8
76	37.3	29.2	43.8





#15

Acrylonitrile

Concen: 260.729 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

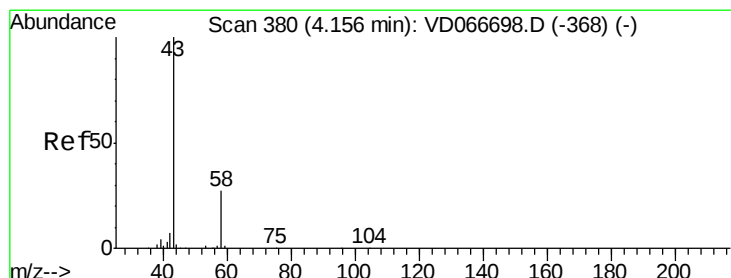
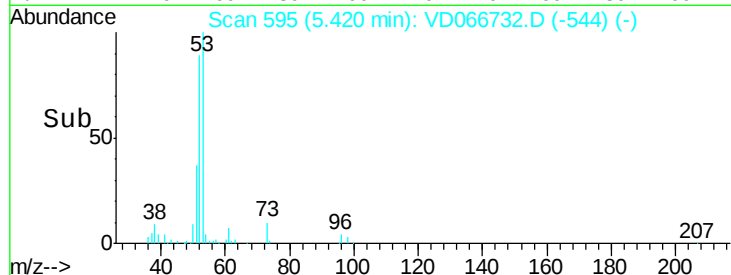
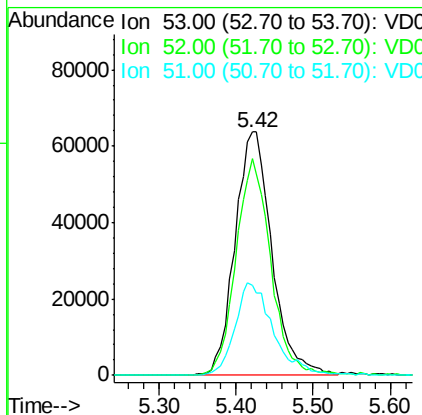
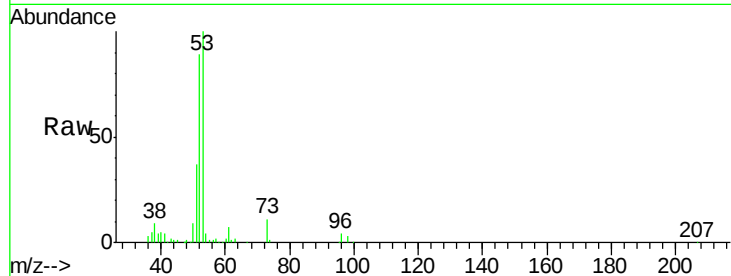
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	213646
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.6	99.8
51	39.3	31.0	46.6

Manual Integrations
APPROVED

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#16

Acetone

Concen: 214.638 ug/l

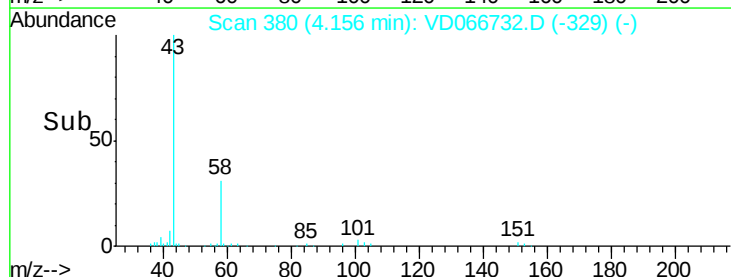
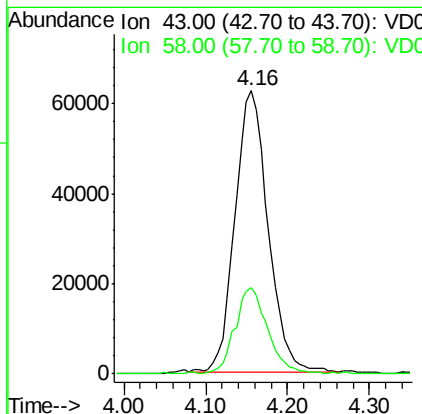
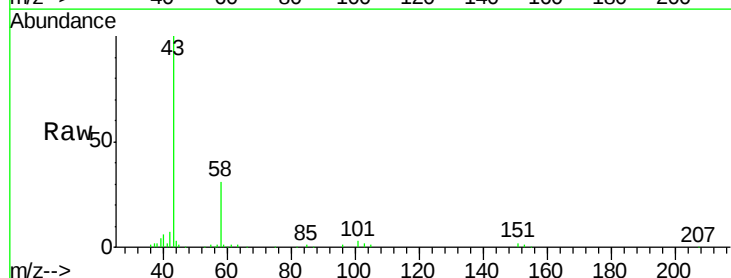
RT: 4.16 min Scan# 380

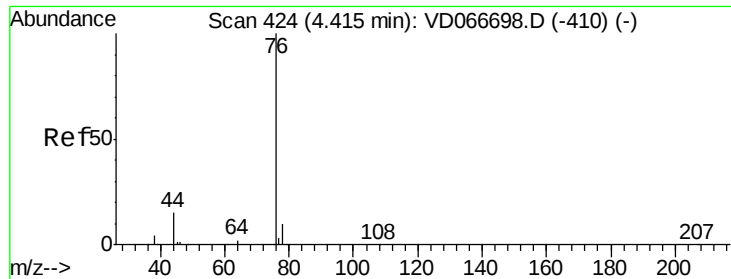
Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Tgt Ion:	43	Resp:	177089
Ion Ratio	Lower	Upper	
43	100		
58	30.5	21.9	32.9





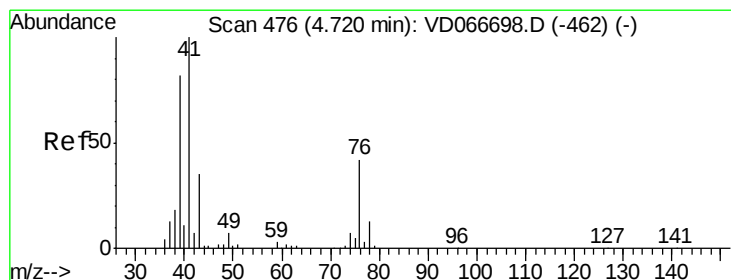
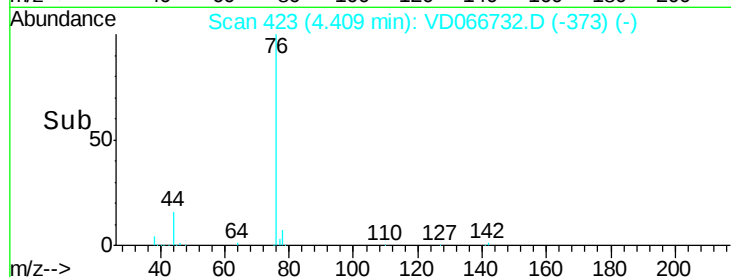
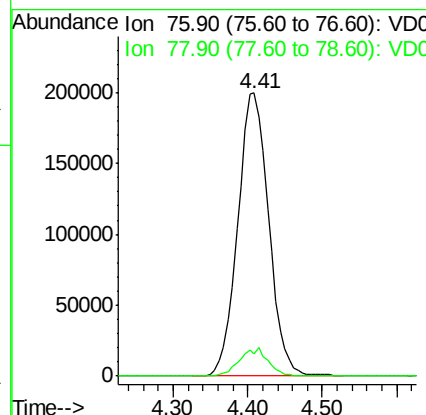
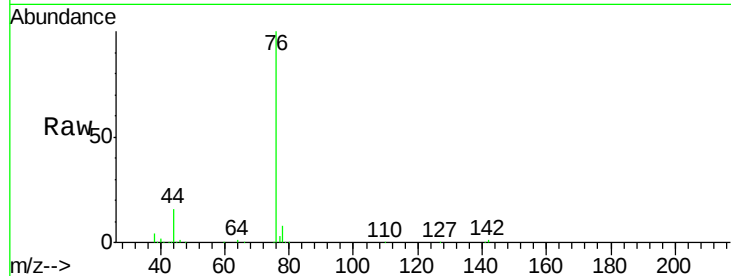
#17
Carbon Disulfide
Concen: 48.266 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.9	8.0	12.0#

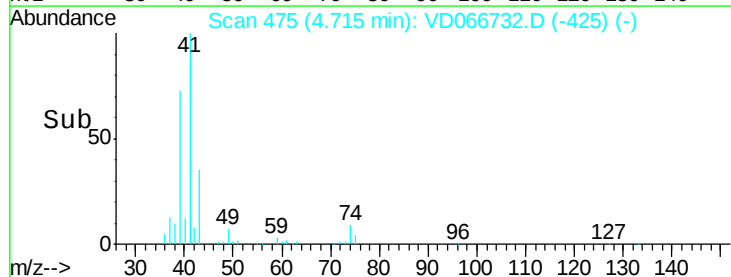
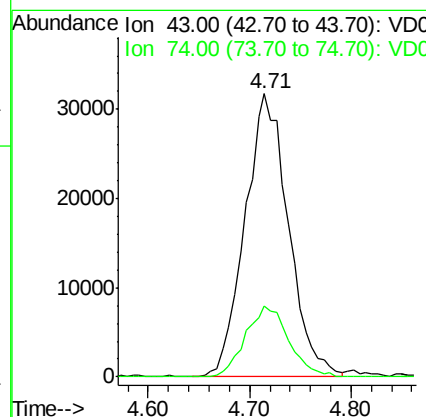
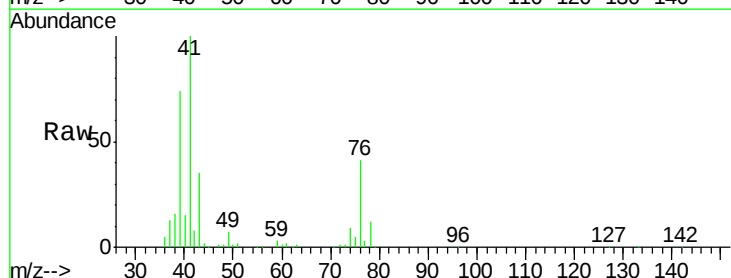
Manual Integrations
APPROVED

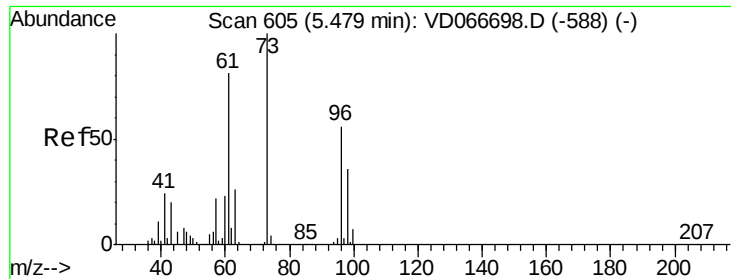
MMDadoda
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#18
Methyl Acetate
Concen: 54.001 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.6	28.0





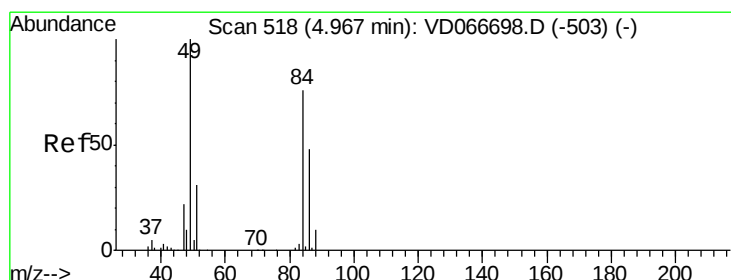
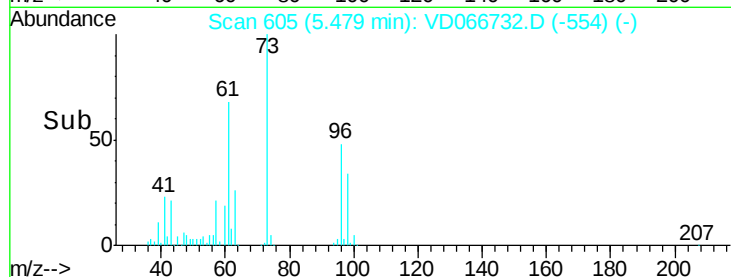
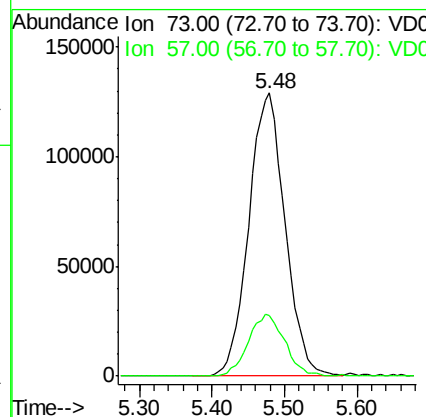
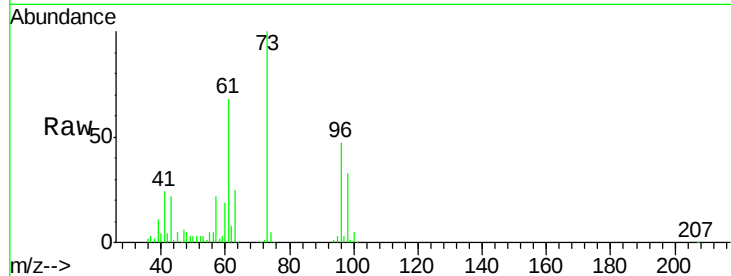
#19
Methvl tert-butvl Ether
Concen: 52.939 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 448043
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6

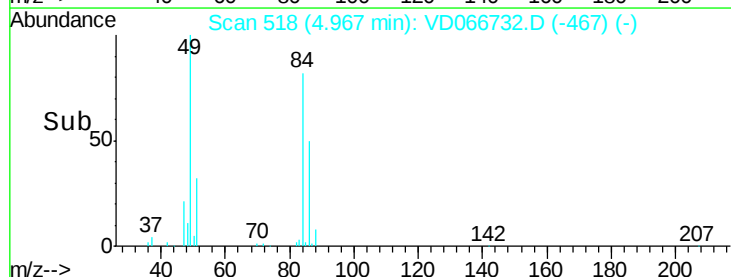
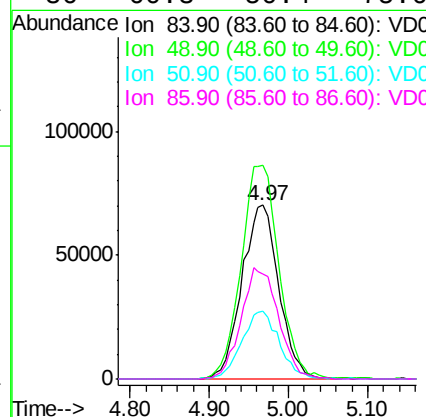
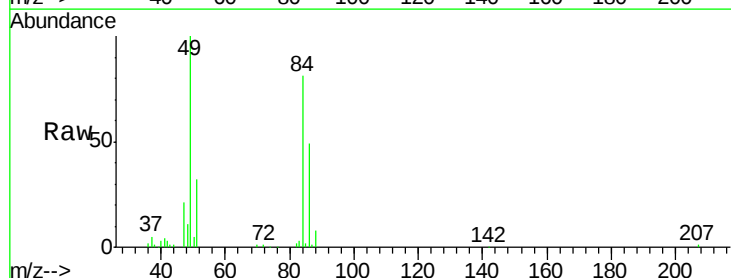
Manual Integrations
APPROVED

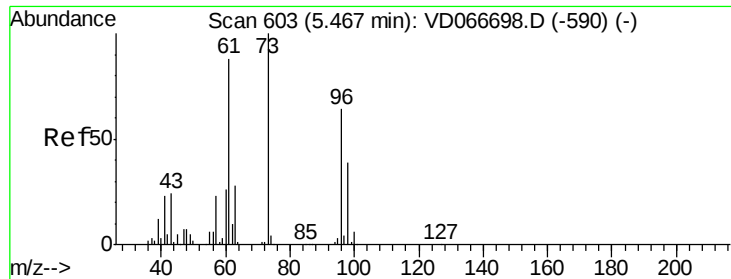
MMDadoda
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#20
Methylene Chloride
Concen: 51.502 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion: 84 Resp: 227433
Ion Ratio Lower Upper
84 100
49 122.8 105.0 157.6
51 39.2 32.2 48.4
86 60.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.233 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

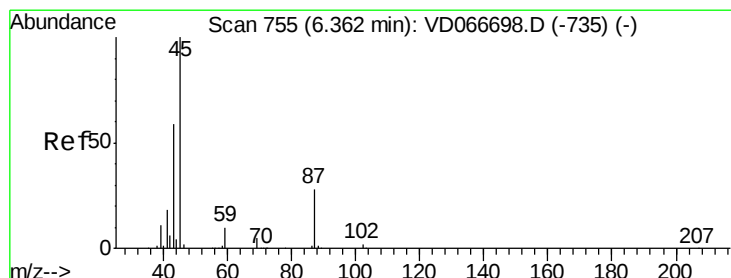
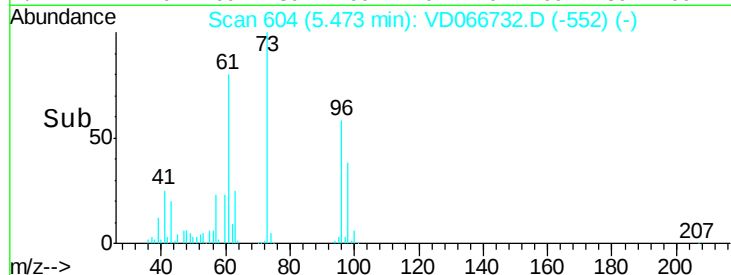
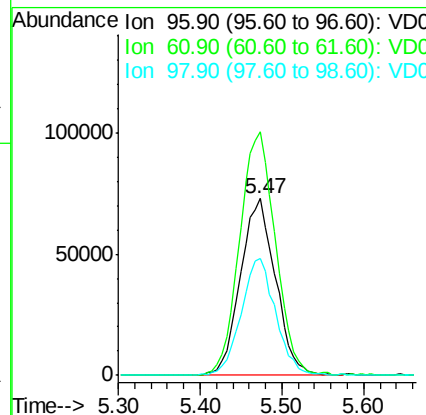
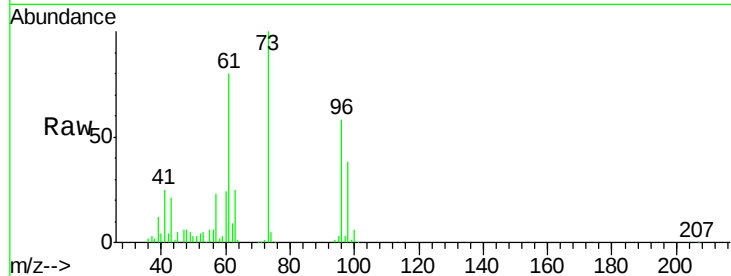
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	217951
Ion	Ratio	Lower	Upper
96	100		
61	137.8	110.6	166.0
98	66.1	49.2	73.8

Manual Integrations
APPROVED

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9/17/2020 1:05:07 PM



#22

Diisopropyl ether

Concen: 52.589 ug/l

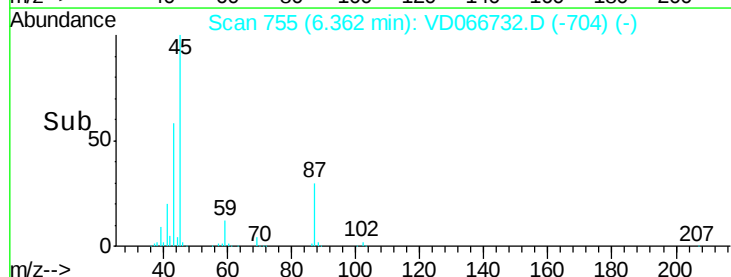
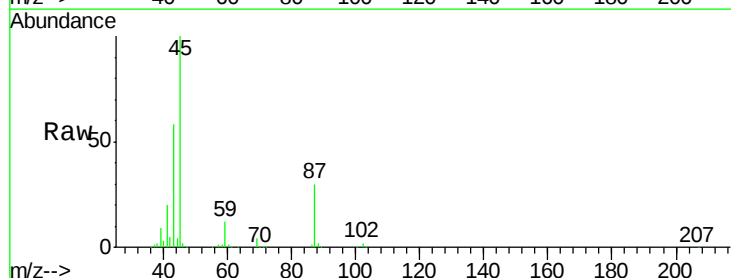
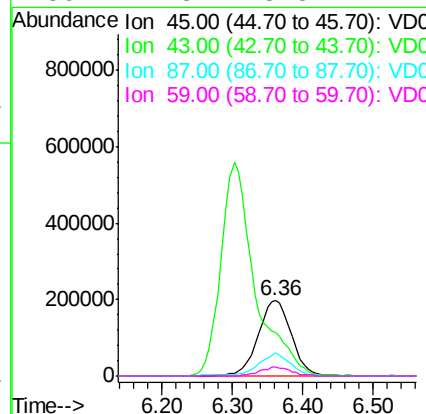
RT: 6.36 min Scan# 755

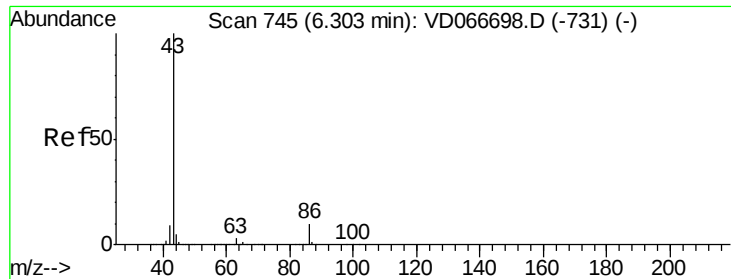
Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Tgt Ion:	45	Resp:	652059
Ion	Ratio	Lower	Upper
45	100		
43	56.8	46.9	70.3
87	29.6	22.4	33.6
59	12.3	8.5	12.7





#23

Vinyl Acetate

Concen: 273.276 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1884778

Ion Ratio Lower Upper

43 100

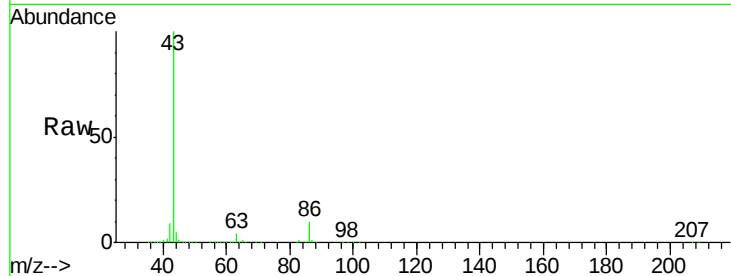
86 10.4 7.8 11.8

Manual Integrations

APPROVED

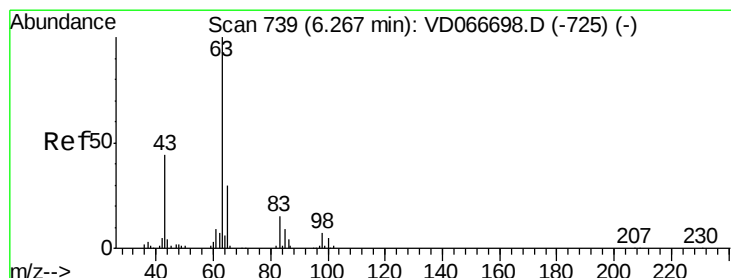
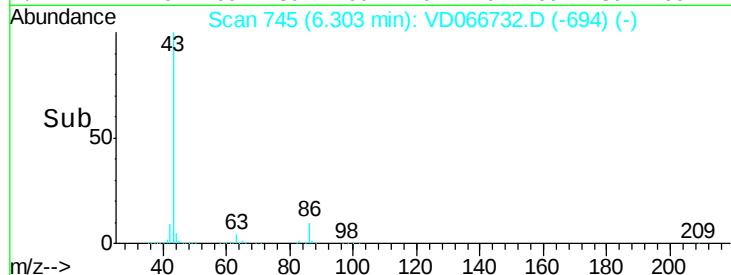
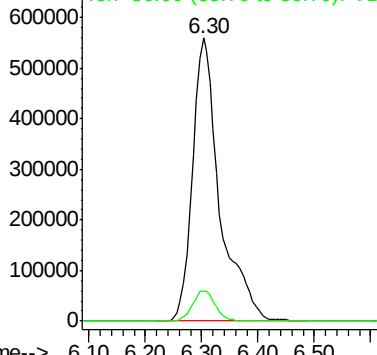
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.527 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

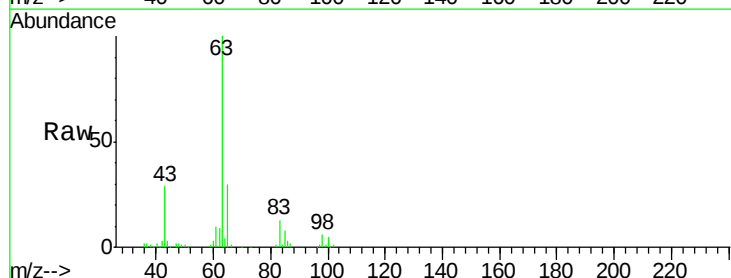
Tgt Ion: 63 Resp: 389682

Ion Ratio Lower Upper

63 100

98 5.7 3.4 10.2

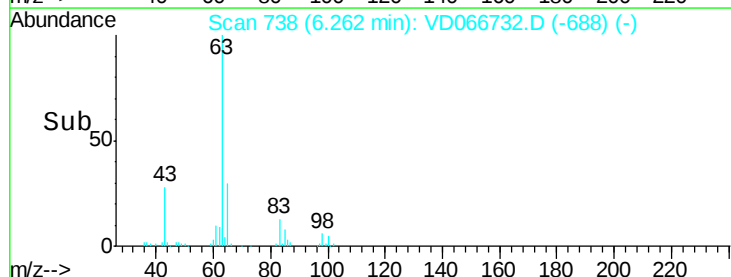
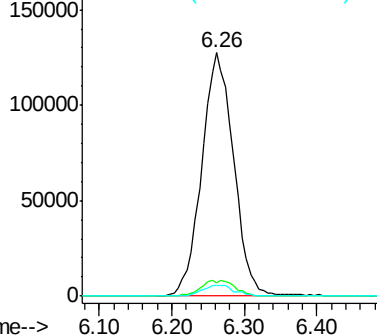
100 4.5 2.6 8.0

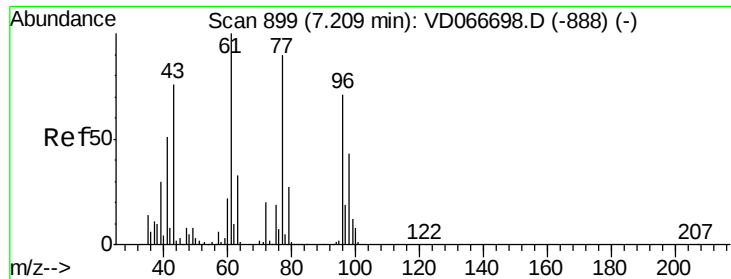


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





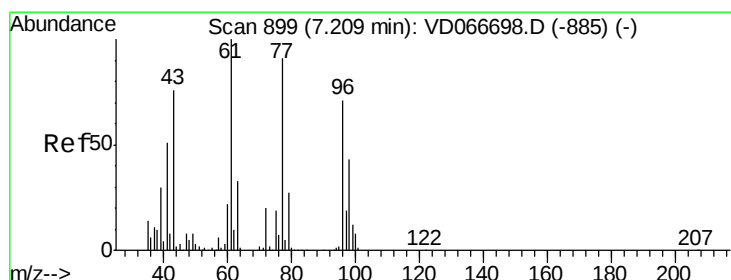
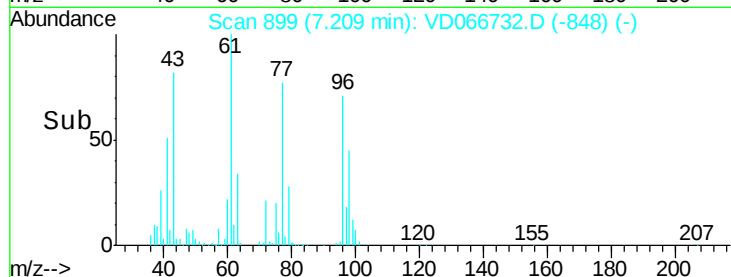
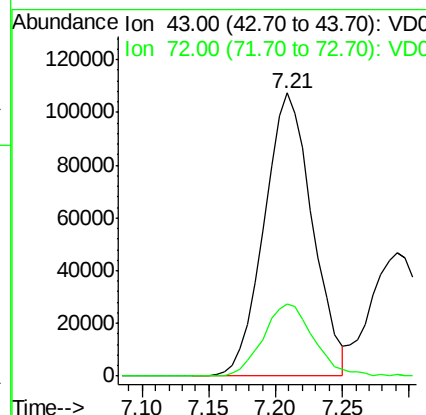
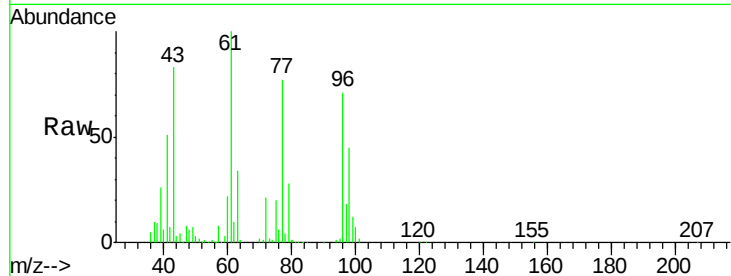
#25
2-Butanone
Concen: 251.103 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 269772
Ion Ratio Lower Upper
43 100
72 25.3 21.0 31.4

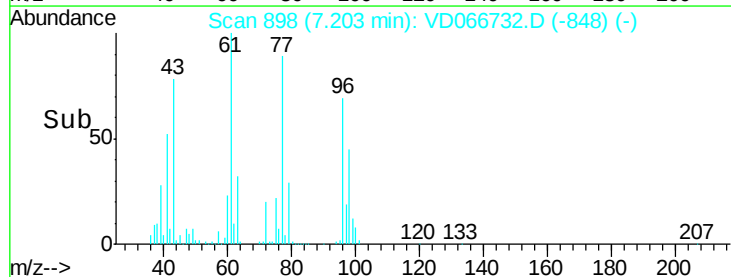
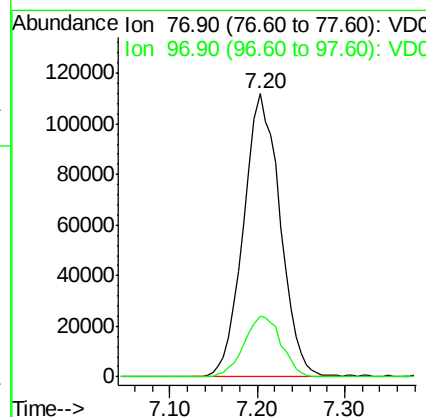
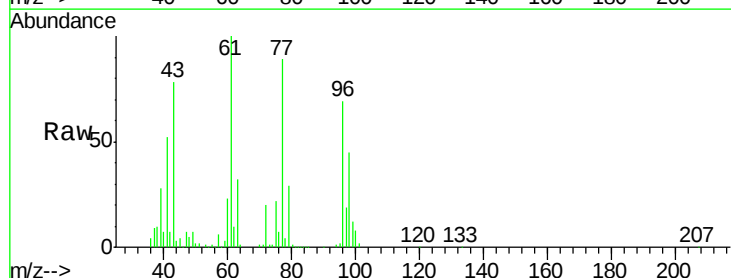
Manual Integrations
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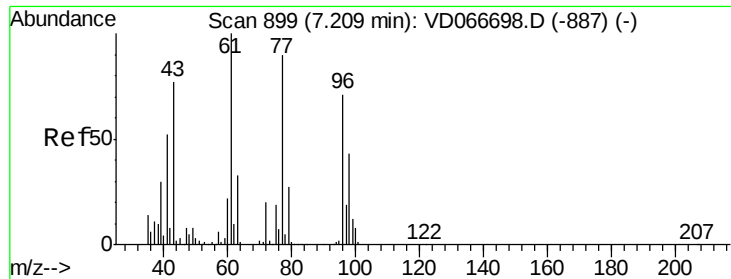
MMDadoda
9/17/2020 1:05:07 PM



#26
2,2-Dichloropropane
Concen: 43.814 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion: 77 Resp: 318779
Ion Ratio Lower Upper
77 100
97 21.8 10.6 31.8





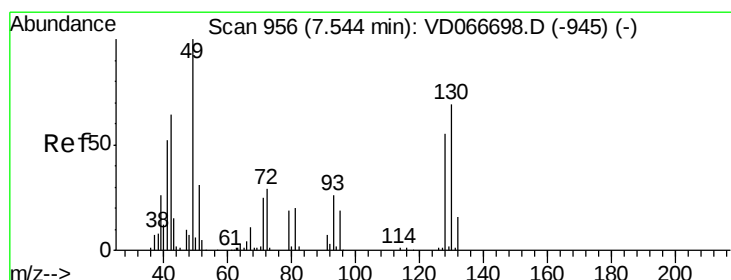
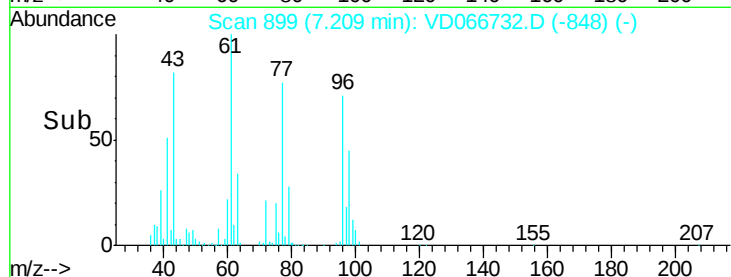
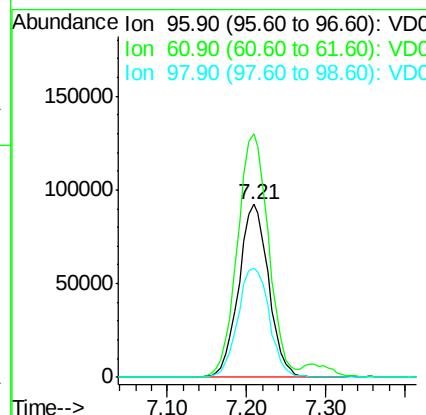
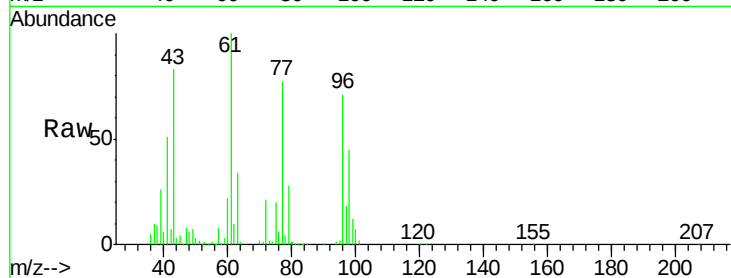
#27
 cis-1,2-Dichloroethene
 Concen: 50.105 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	242658		
61	145.4	0.0	292.4	
98	66.0	0.0	127.0	

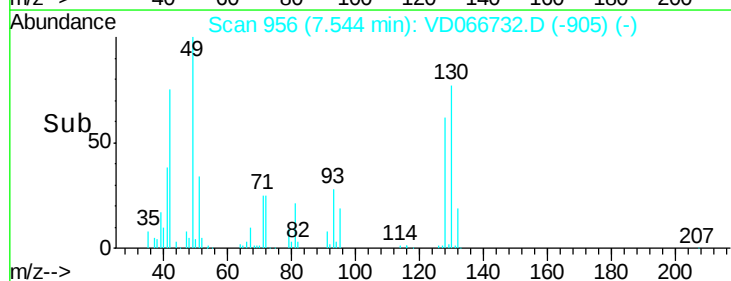
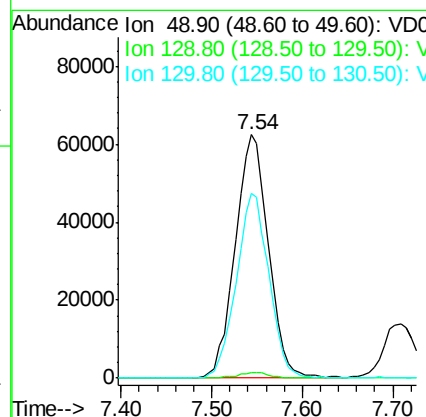
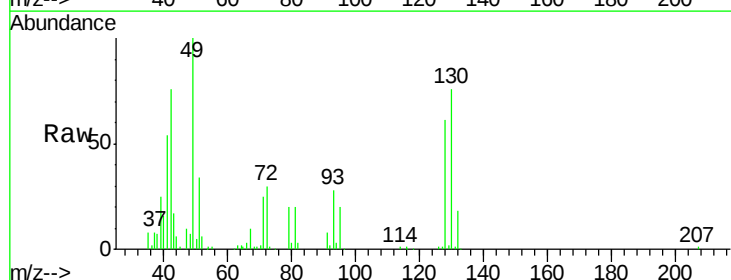
Manual Integrations
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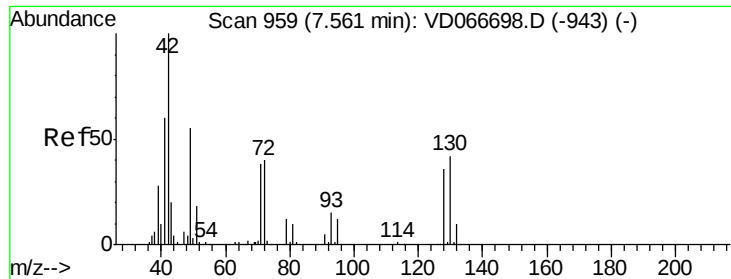
MMDadoda
 9/17/2020 1:05:07 PM



#28
 Bromochloromethane
 Concen: 54.070 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	158904		
129	2.2	0.0	3.8	
130	74.8	58.6	88.0	





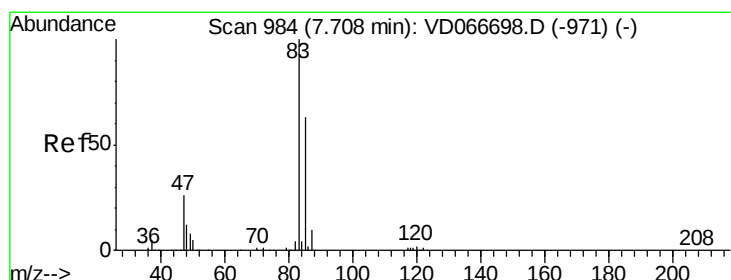
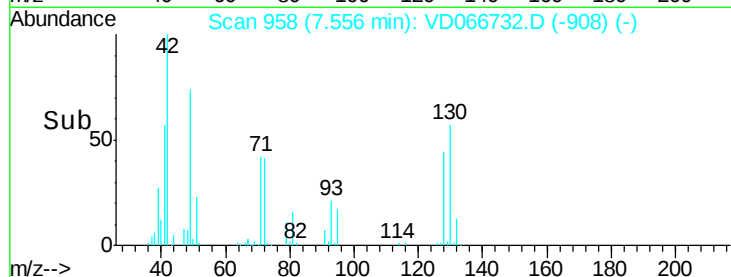
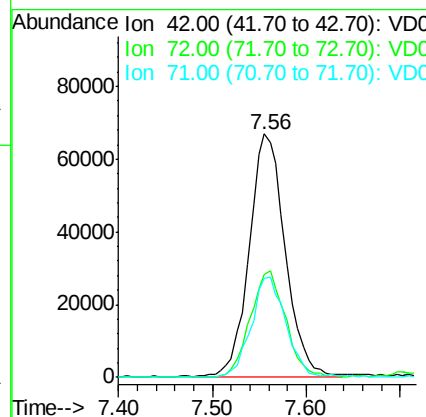
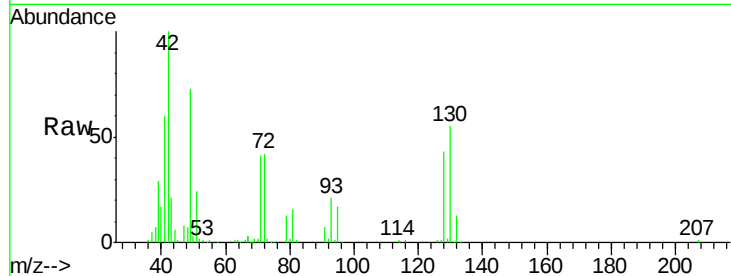
#29
Tetrahydrofuran
Concen: 270.823 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	32.6	48.8
71	39.4	30.6	45.8

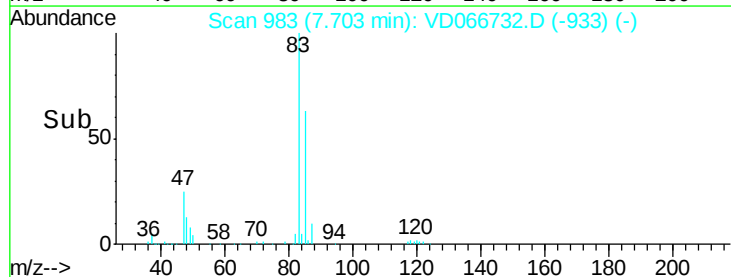
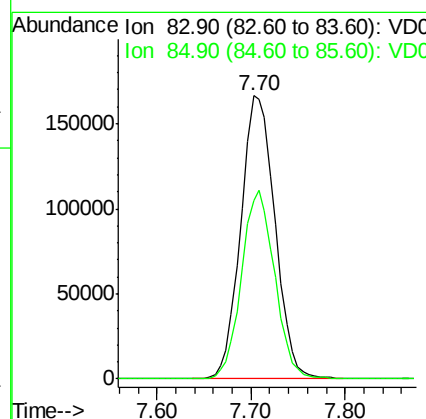
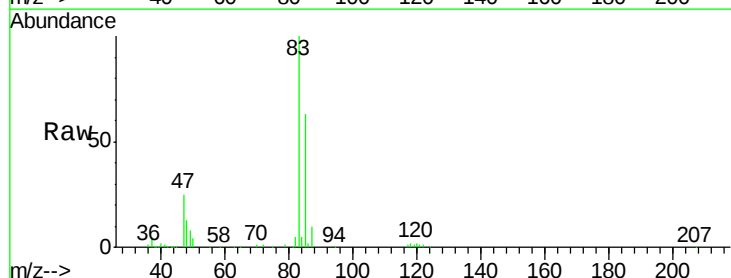
Manual Integrations
APPROVED

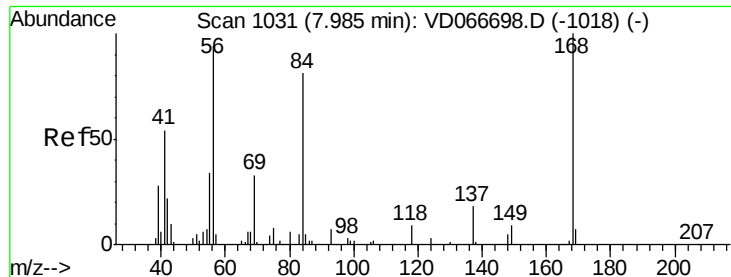
MMDadoda
9/17/2020 1:05:07 PM



#30
Chloroform
Concen: 50.210 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.6	76.0





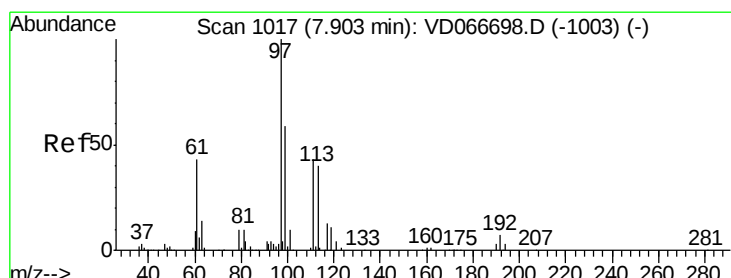
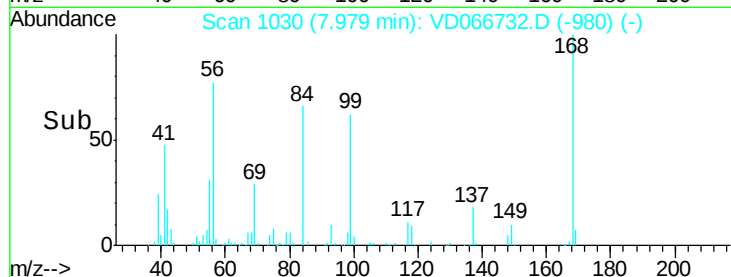
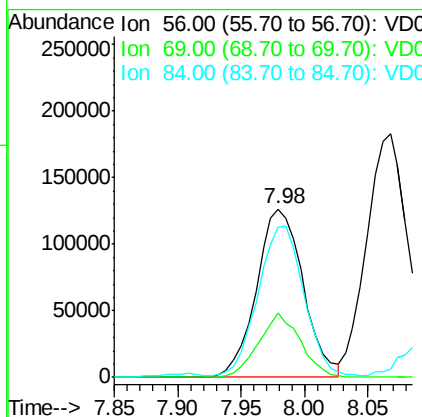
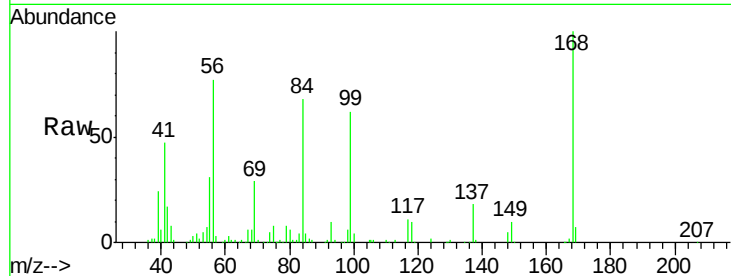
#31
Cyclohexane
Concen: 45.395 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.0	27.7	41.5
84	86.7	68.5	102.7

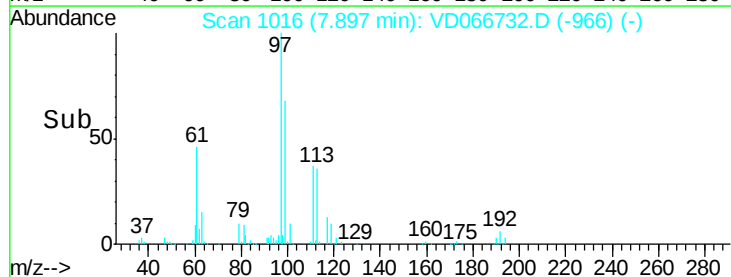
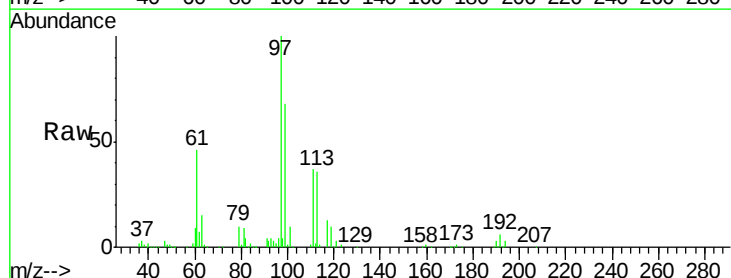
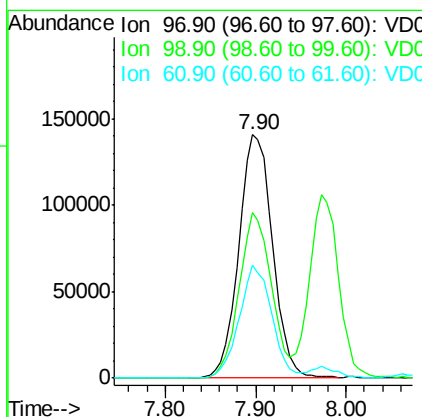
Manual Integrations
APPROVED

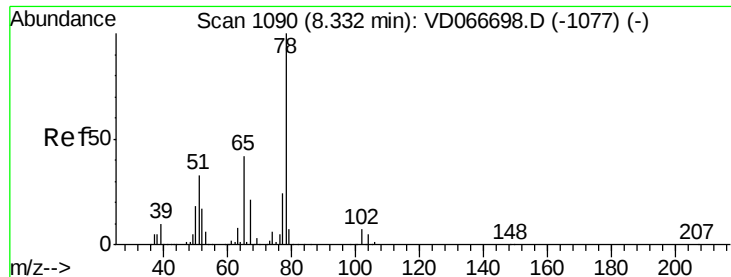
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 47.435 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.0	76.4
61	44.8	35.2	52.8





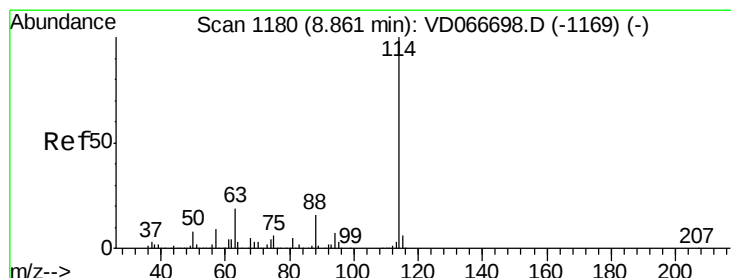
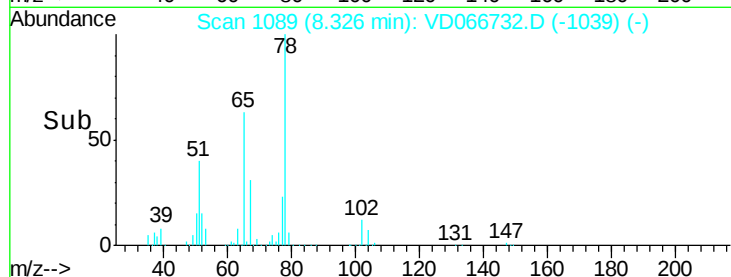
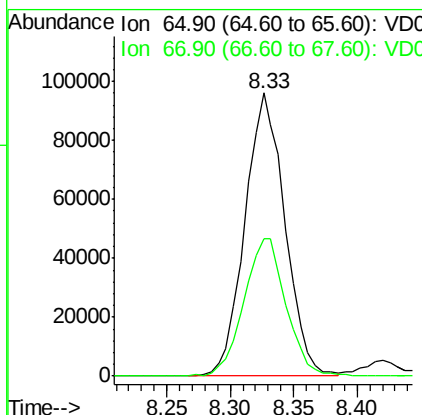
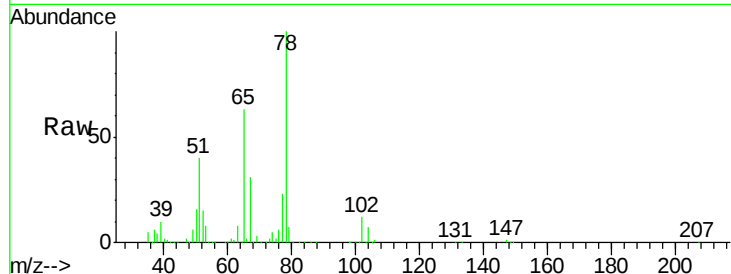
#33
 1,2-Dichloroethane-d4
 Concen: 51.962 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	210529		
67	51.4	0.0	102.2	

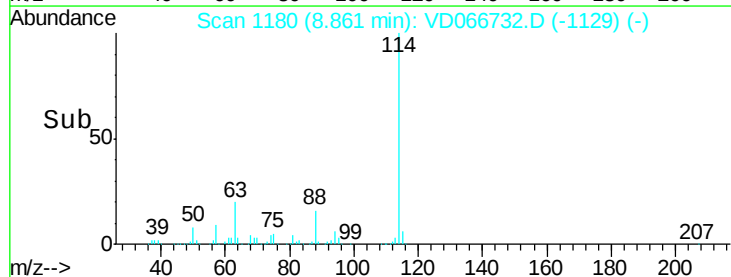
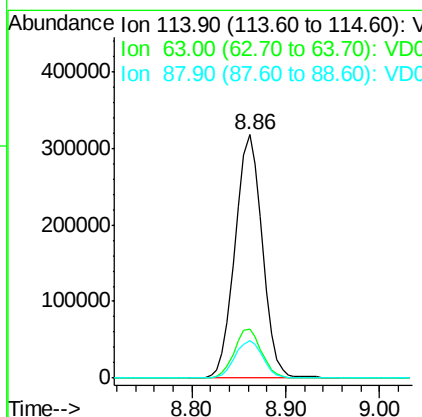
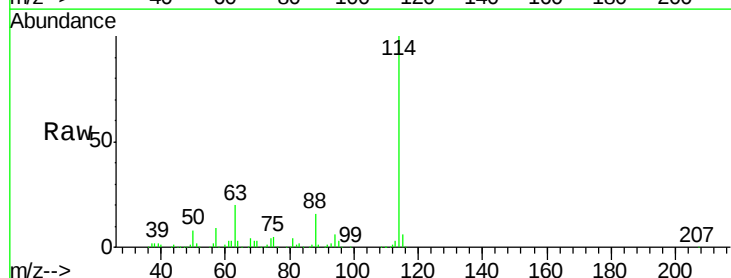
Manual Integrations
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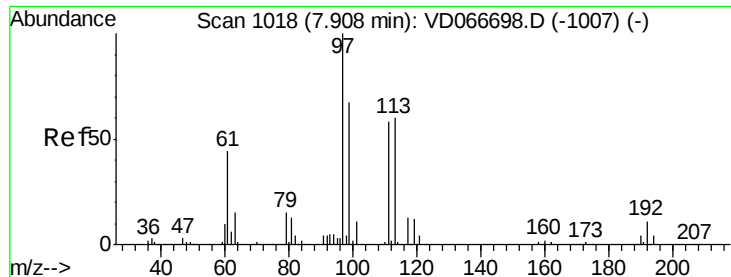
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	640010		
63	20.3	0.0	37.6	
88	15.6	0.0	32.2	





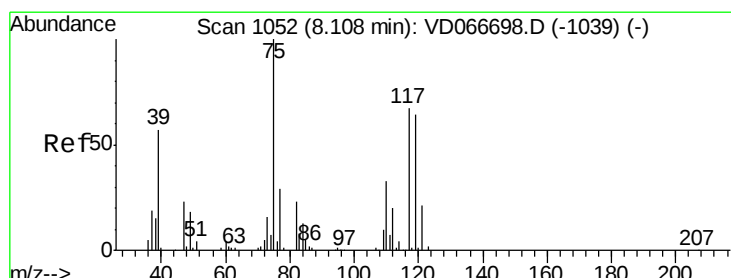
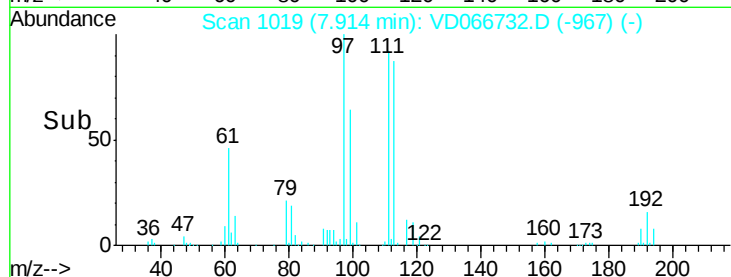
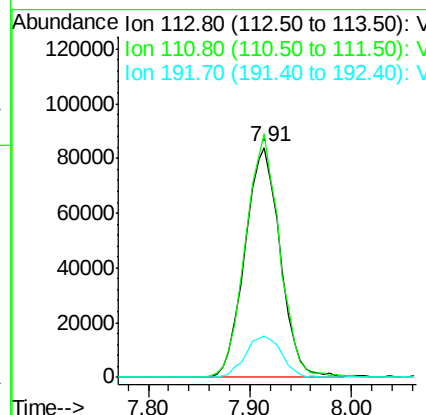
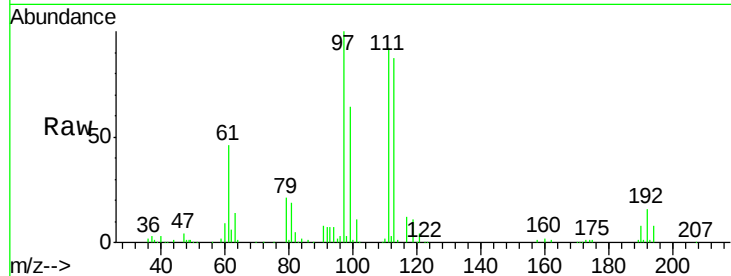
#35
 Dibromofluoromethane
 Concen: 51.595 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	202454		
111	102.9	83.2	124.8	
192	18.3	14.8	22.2	

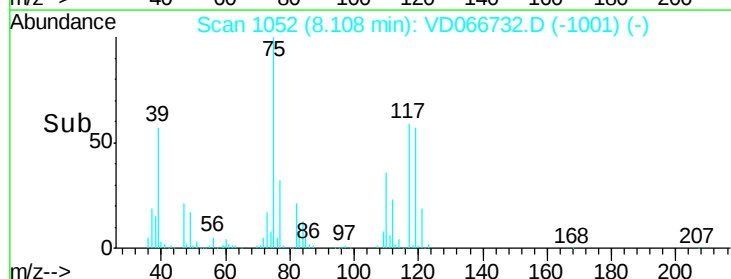
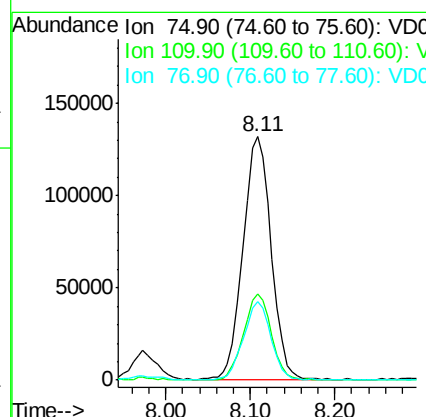
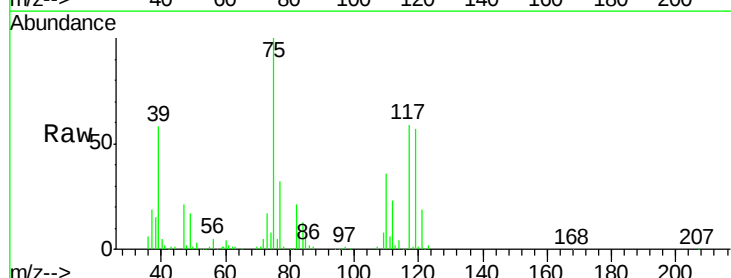
Manual Integrations
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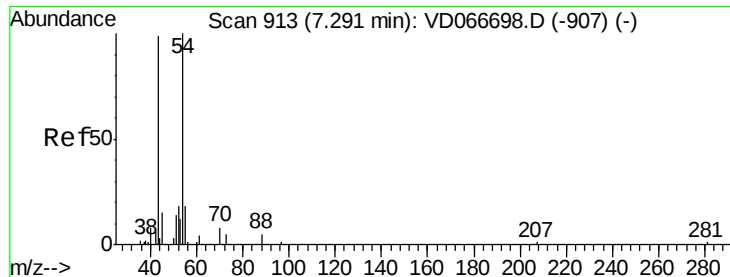
MMDadoda
 9/17/2020 1:05:07 PM



#36
 1,1-Dichloropropene
 Concen: 46.229 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	304193		
110	35.0	17.1	51.2	
77	31.7	25.0	37.6	





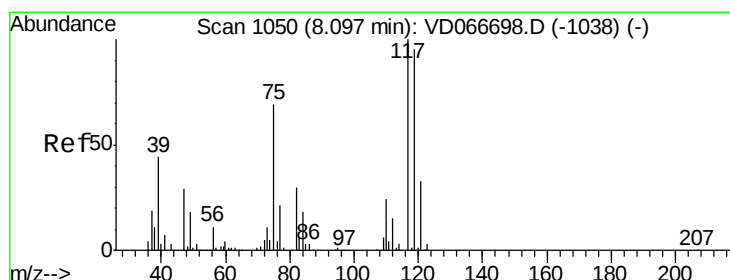
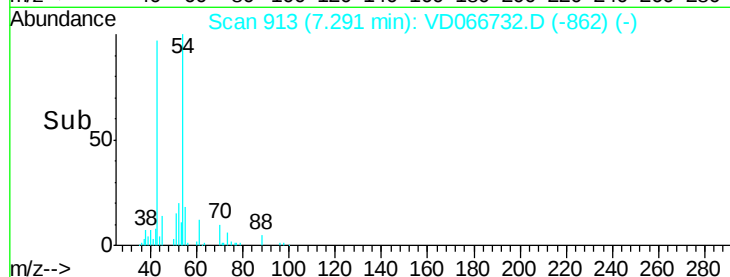
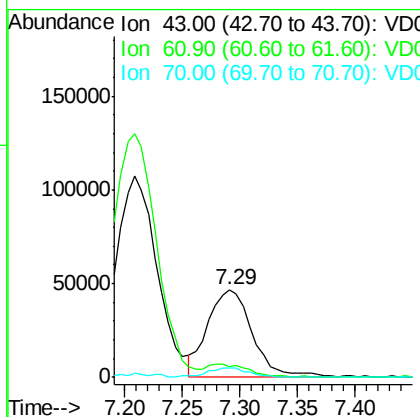
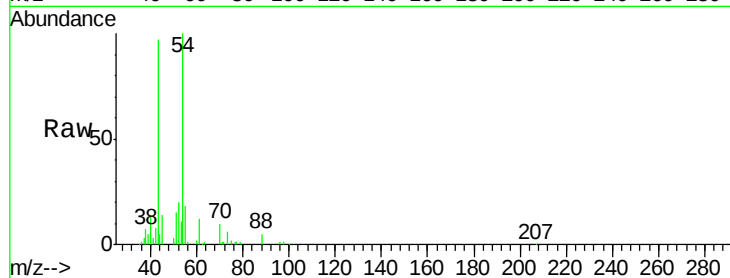
#37
Ethyl Acetate
Concen: 49.615 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.4	15.6
70	9.9	7.5	11.3

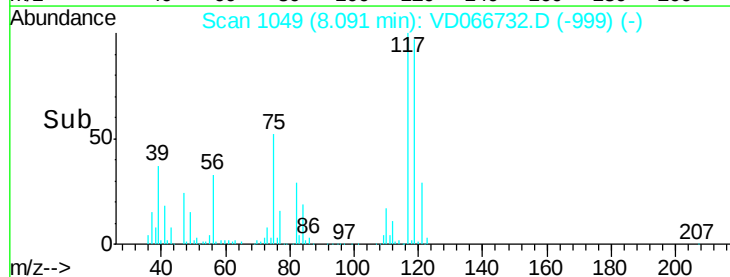
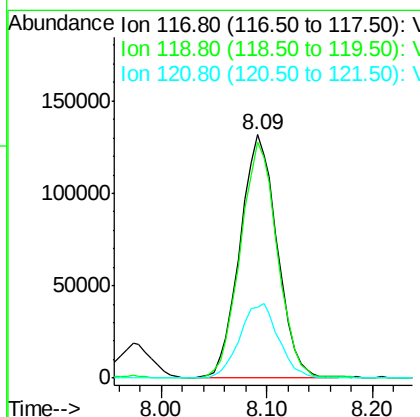
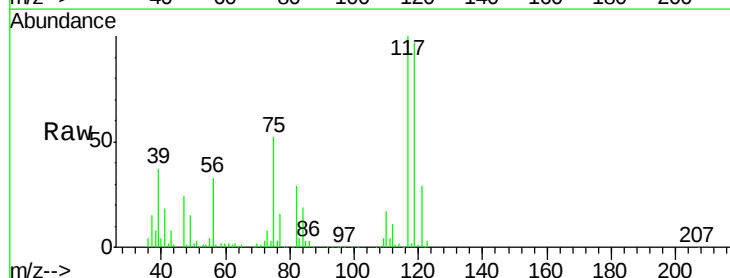
Manual Integrations
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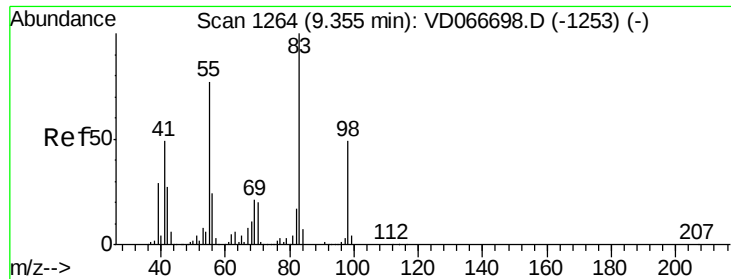
MMDadoda
9/17/2020 1:05:07 PM



#38
Carbon Tetrachloride
Concen: 46.269 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.6
121	29.0	26.2	39.4





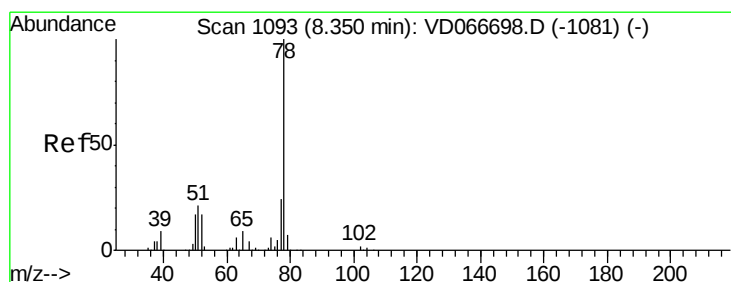
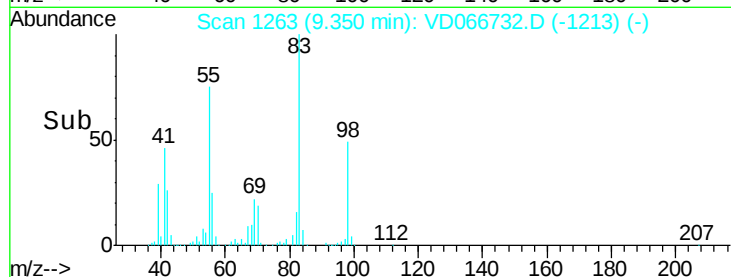
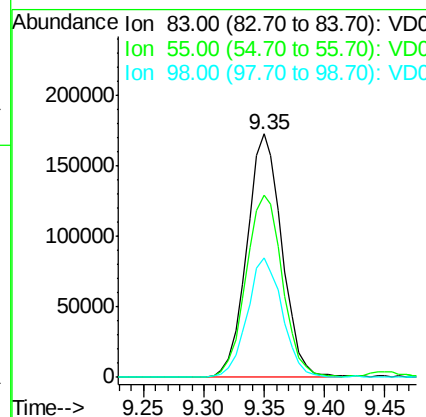
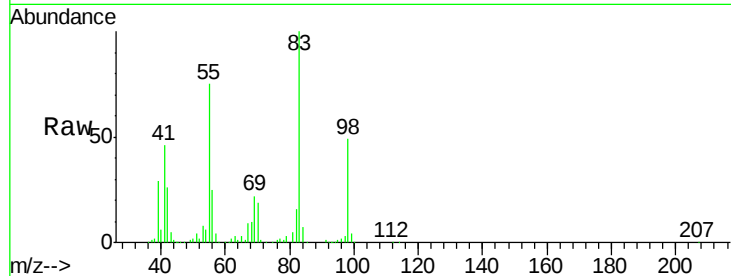
#39
Methvlcvclohexane
Concen: 46.383 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	349110		
55	74.8		61.5	92.3
98	49.1		39.3	58.9

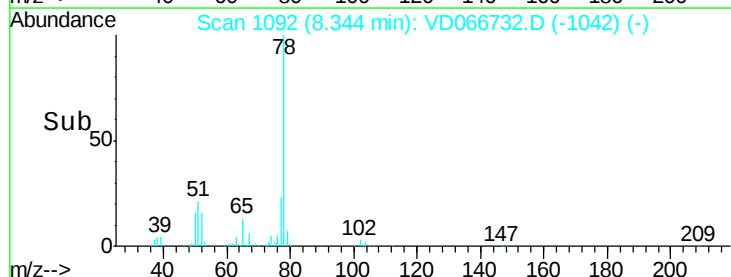
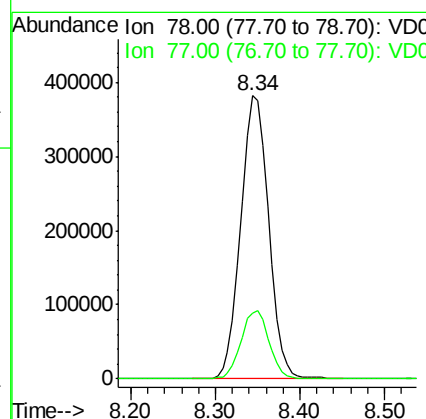
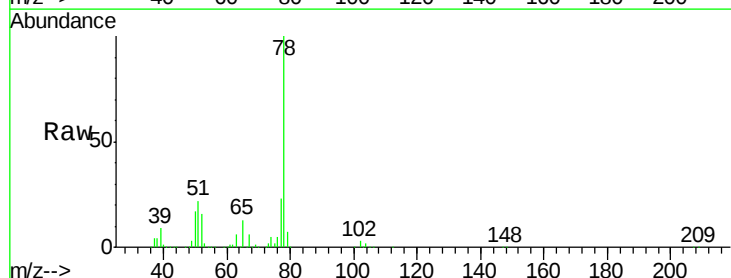
Manual Integrations
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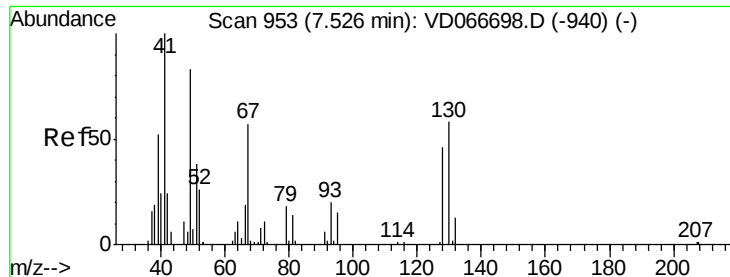
MMDadoda
9/17/2020 1:05:07 PM



#40
Benzene
Concen: 49.179 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	875489		
77	23.0		19.3	28.9





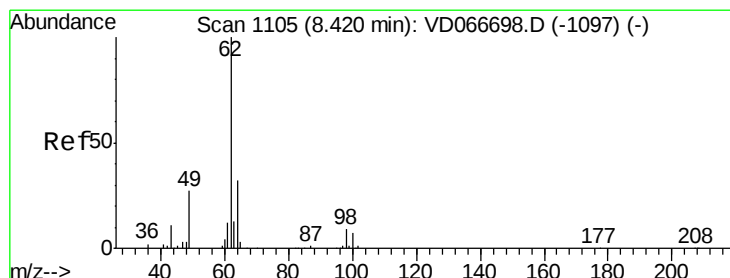
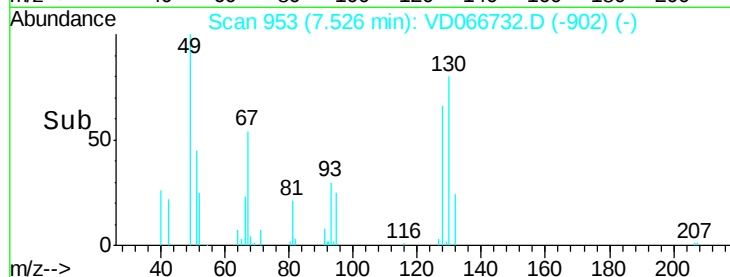
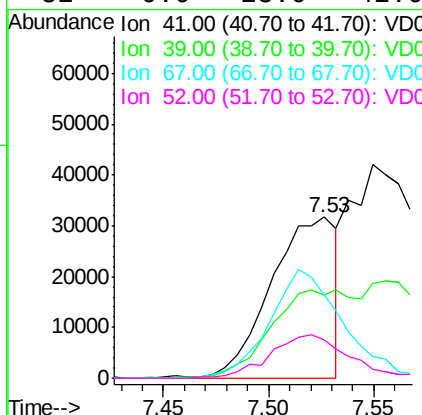
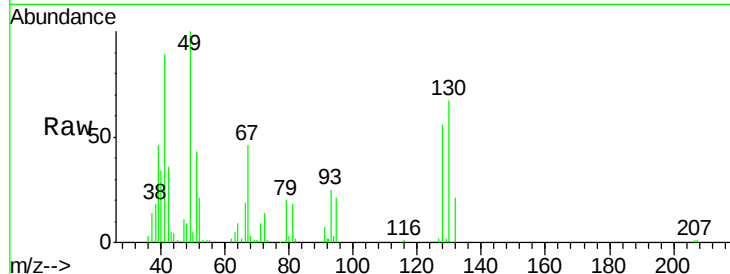
#41
Methacrylonitrile
Concen: 52.540 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.1	59.3	88.9#
67	0.0	62.3	93.5#
52	0.0	28.0	42.0#

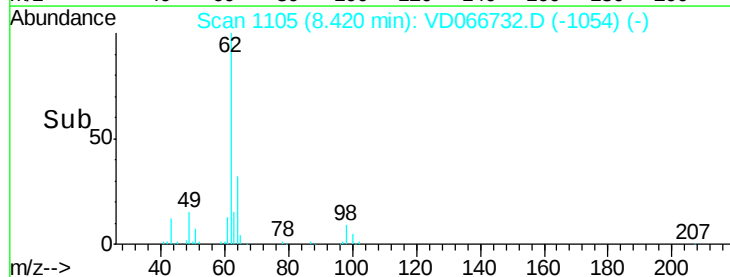
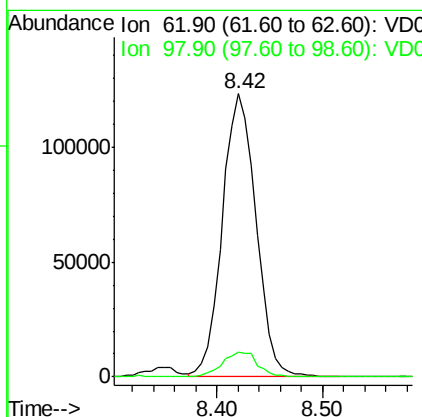
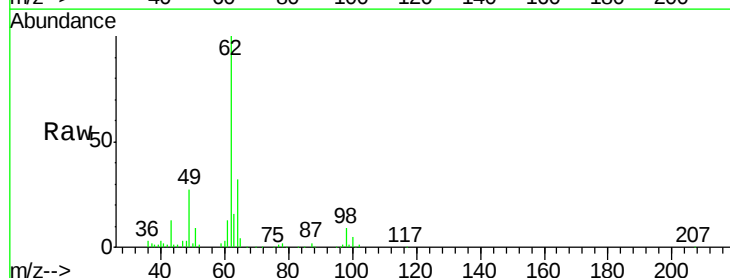
Manual Integrations
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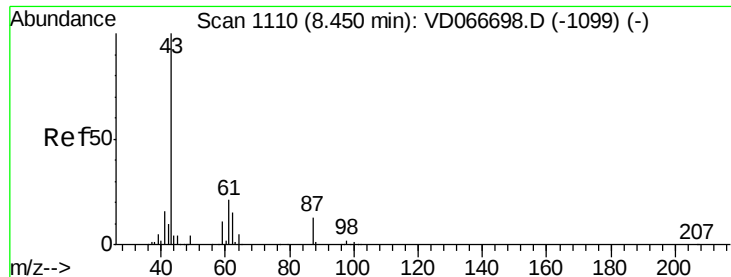
MMDadoda
9/17/2020 1:05:07 PM



#42
1,2-Dichloroethane
Concen: 49.121 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6





#43

Isopropyl Acetate

Concen: 51.620 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

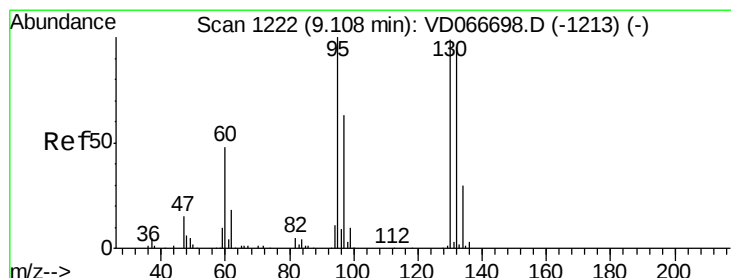
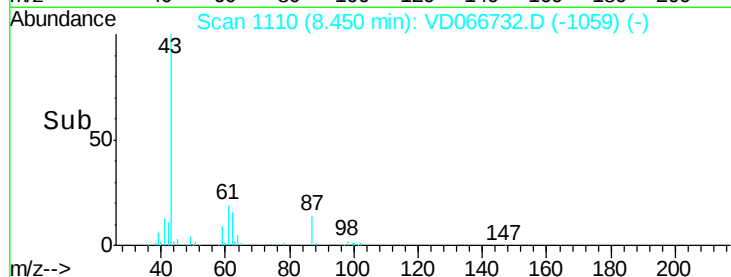
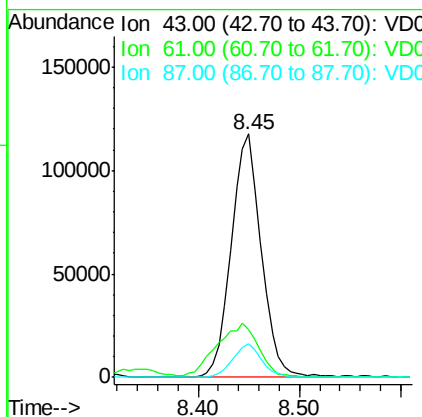
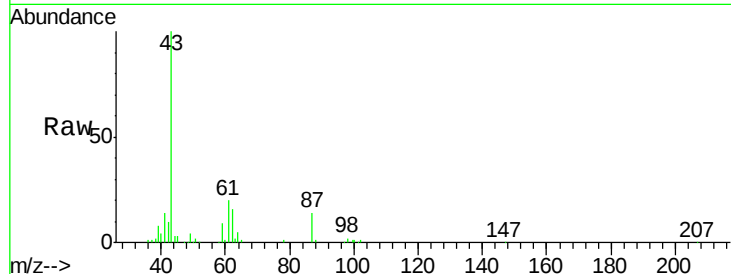
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	242039
Ion	Ratio	Lower	Upper
43	100		
61	31.2	24.8	37.2
87	13.4	10.4	15.6

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#44

Trichloroethene

Concen: 49.153 ug/l

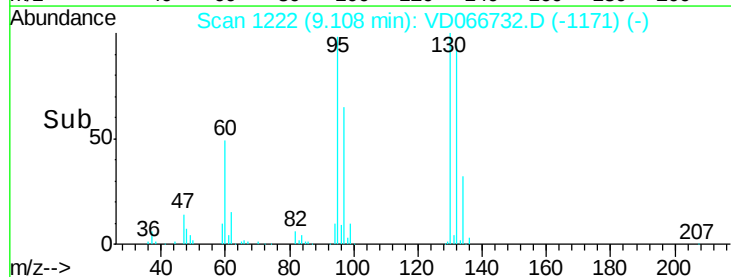
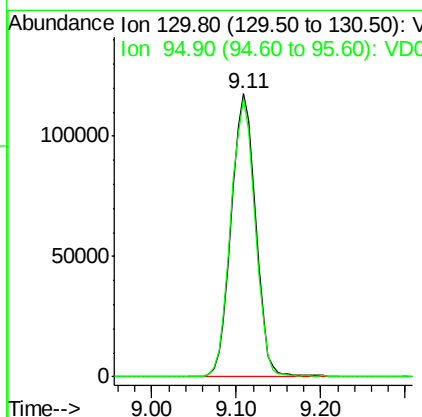
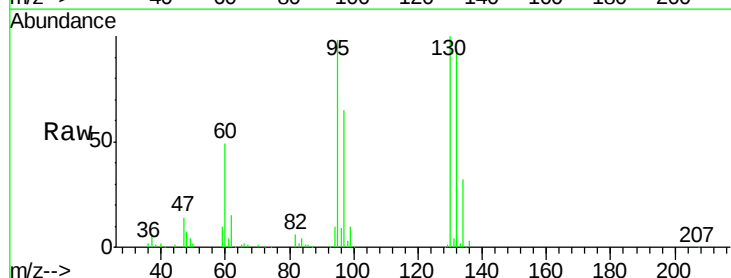
RT: 9.11 min Scan# 1222

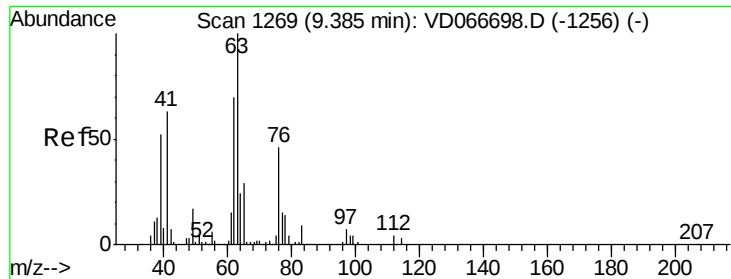
Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Tgt Ion:	130	Resp:	233960
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	201.4





#45

1,2-Dichloropropane

Concen: 50.941 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 224190

Ion Ratio Lower Upper

63 100

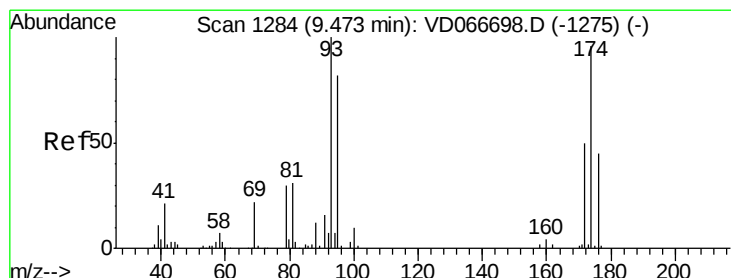
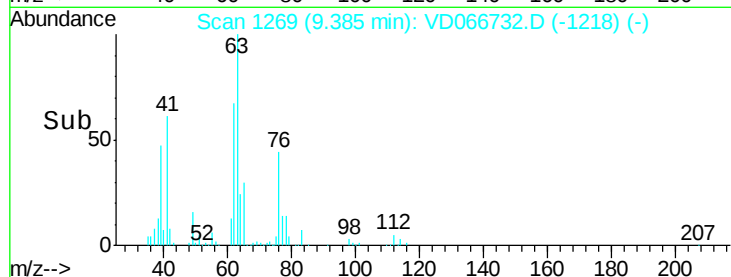
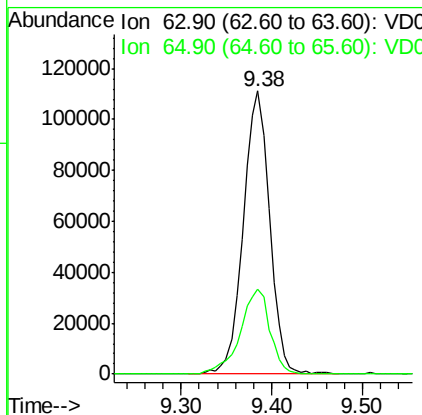
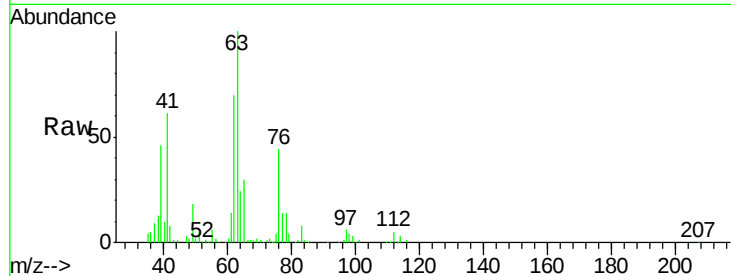
65 30.1 23.4 35.0

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#46

Dibromomethane

Concen: 51.502 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

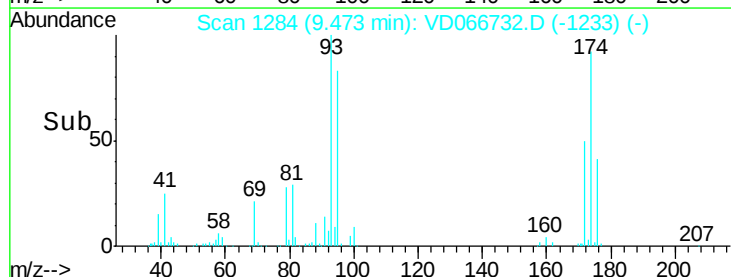
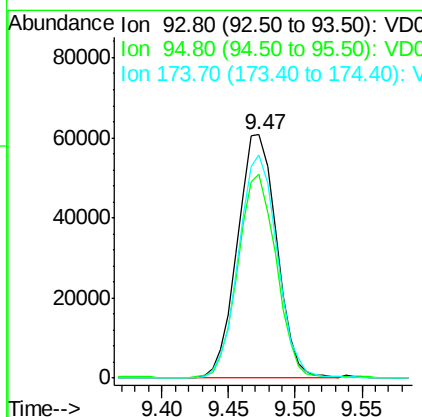
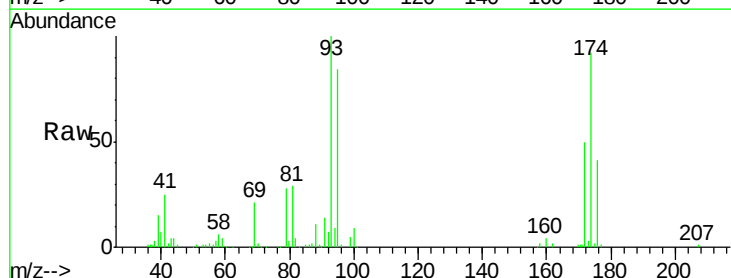
Tgt Ion: 93 Resp: 124550

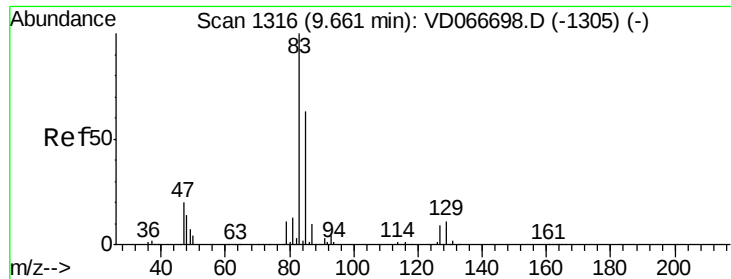
Ion Ratio Lower Upper

93 100

95 81.9 66.0 99.0

174 90.7 72.3 108.5





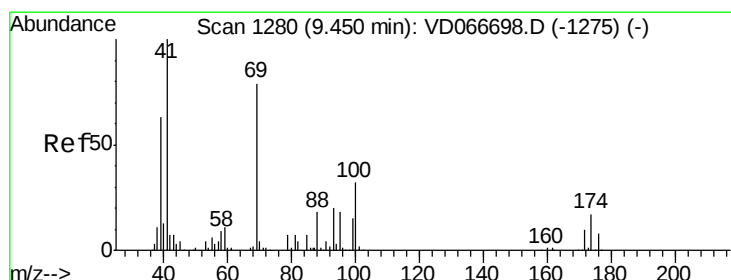
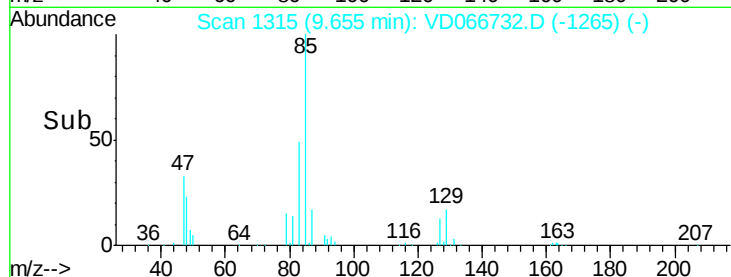
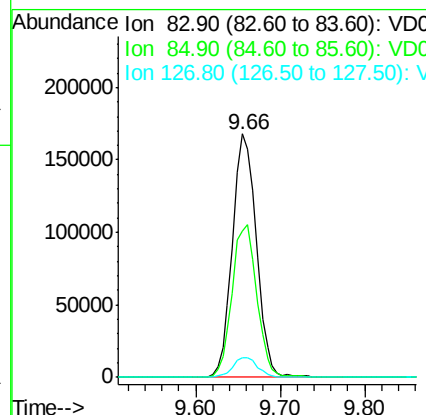
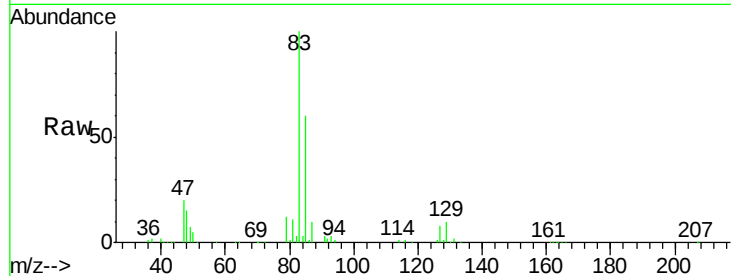
#47
Bromodichloromethane
Concen: 49.782 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	328056
Ion Ratio	100	Lower	Upper
83	100		
85	59.9	50.1	75.1
127	7.9	6.9	10.3

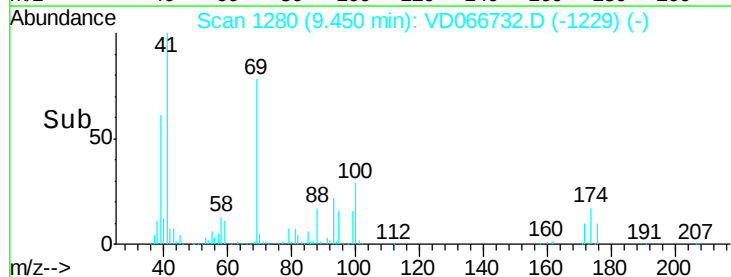
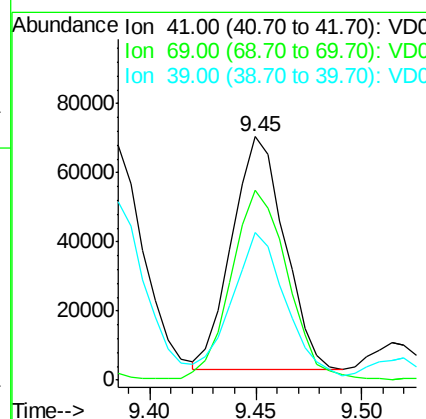
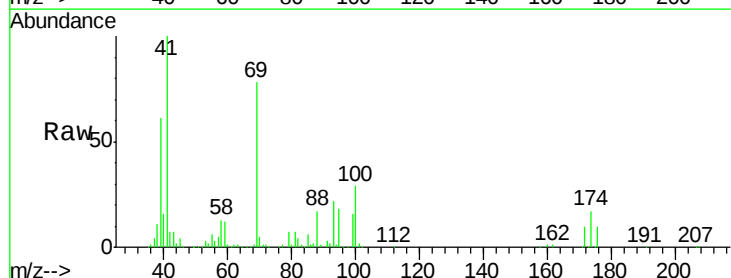
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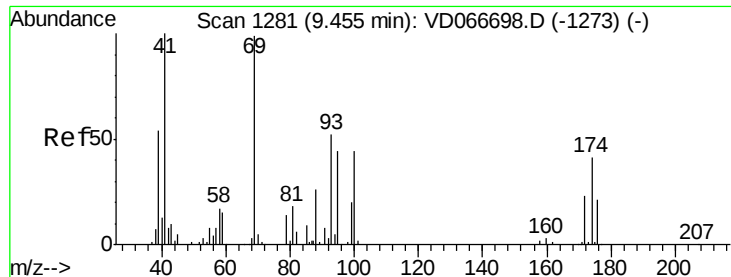
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9/17/2020 1:05:07 PM



#48
Methyl methacrylate
Concen: 48.964 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	41	Resp	116777
Ion Ratio	100	Lower	Upper
41	100		
69	86.5	62.4	93.6
39	61.3	44.8	67.2





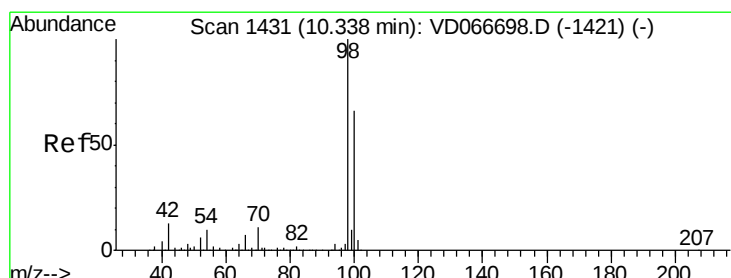
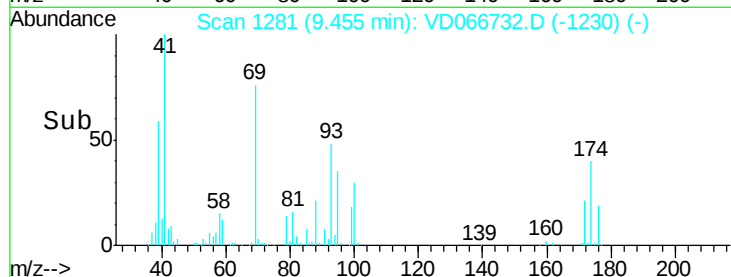
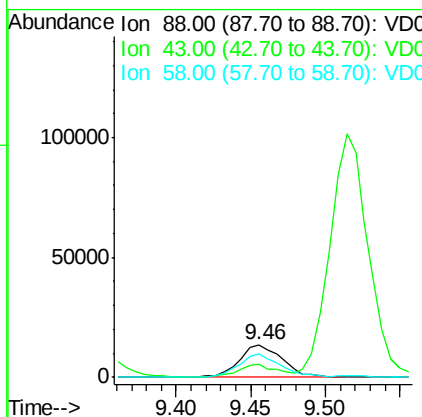
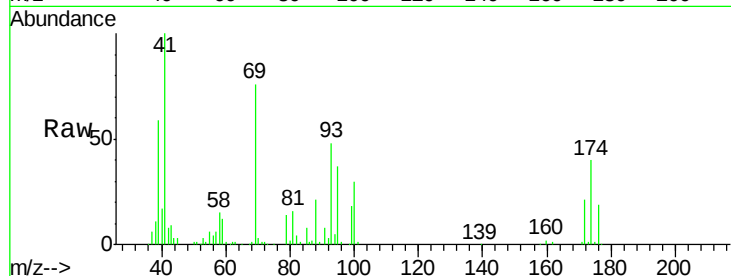
#49
1,4-Dioxane
Concen: 1041.941 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.3	43.9
58	71.4	51.4	77.2

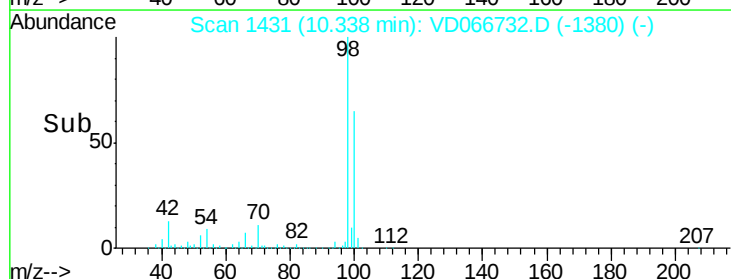
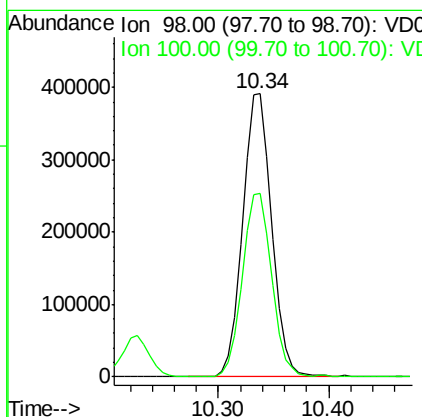
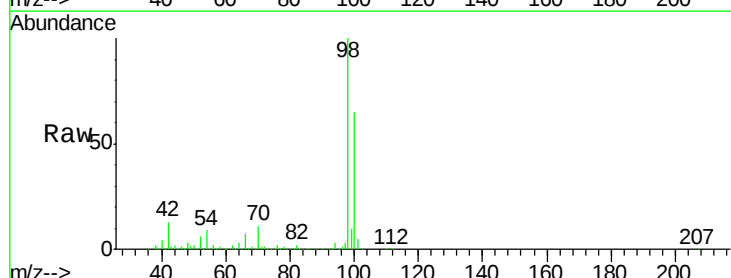
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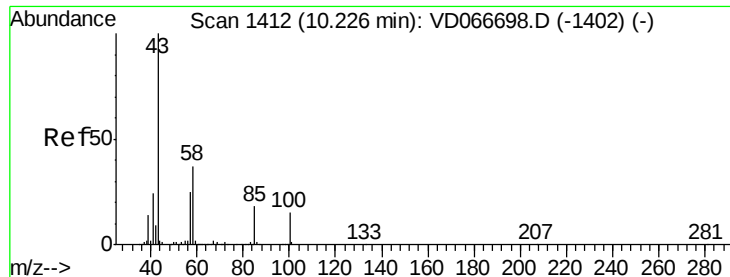
MMDadoda
9/17/2020 1:05:07 PM



#50
Toluene-d8
Concen: 51.781 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.7	79.1





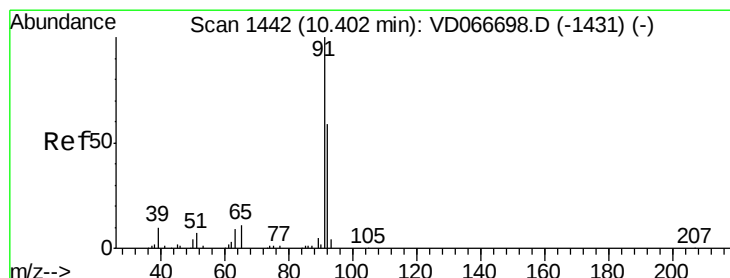
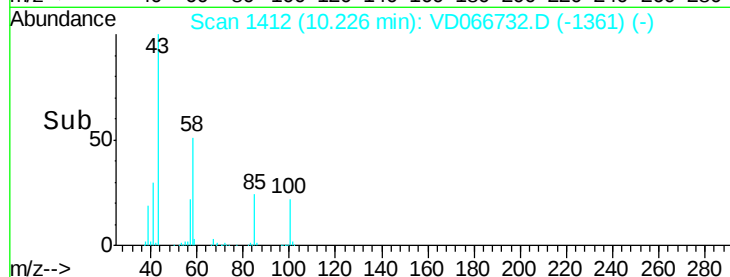
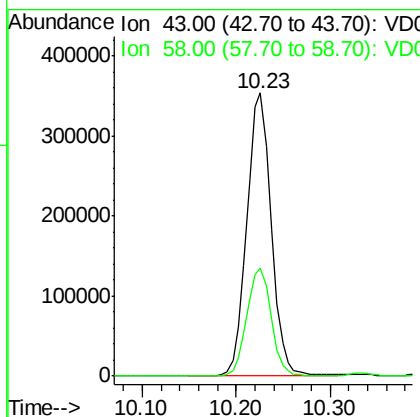
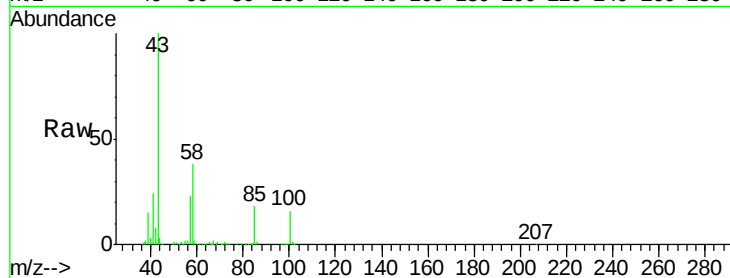
#51
4-Methyl-2-Pentanone
Concen: 264.673 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 638908
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6

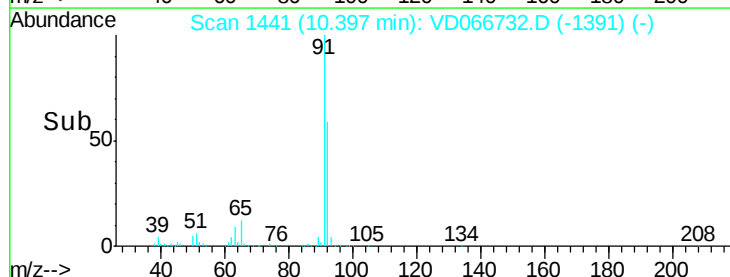
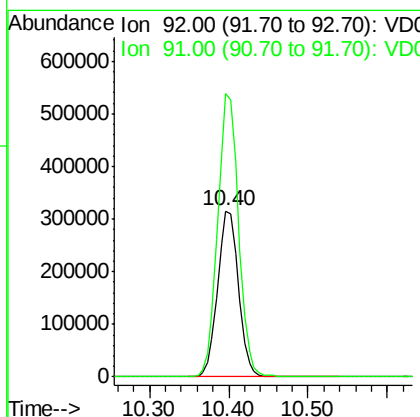
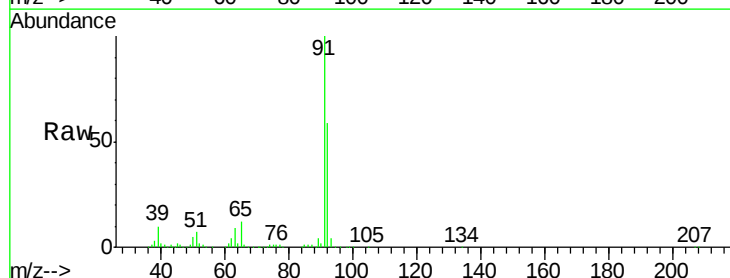
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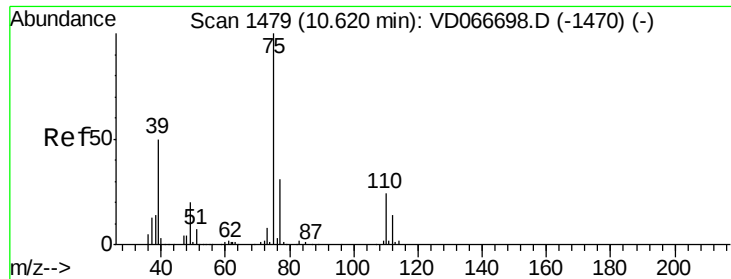
MMDadoda
9/17/2020 1:05:07 PM



#52
Toluene
Concen: 50.510 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion: 92 Resp: 576028
Ion Ratio Lower Upper
92 100
91 170.6 135.8 203.8





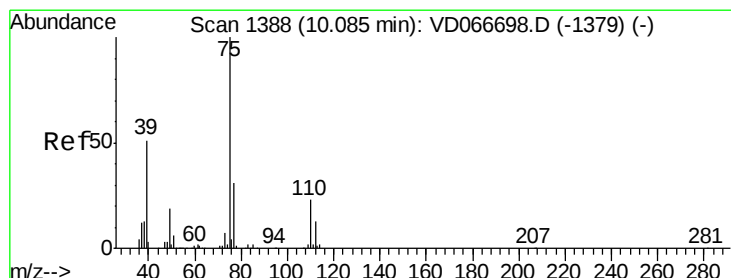
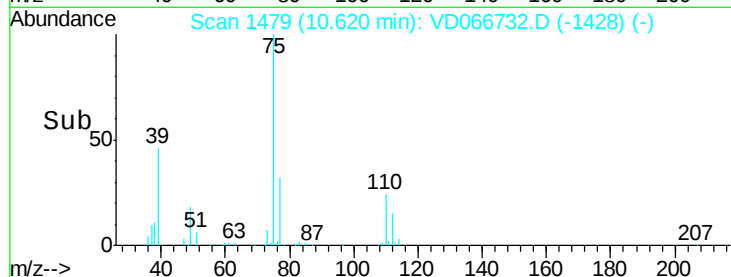
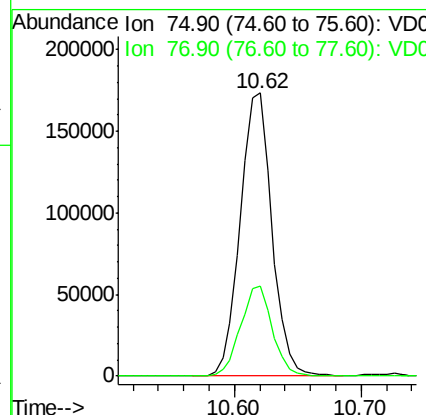
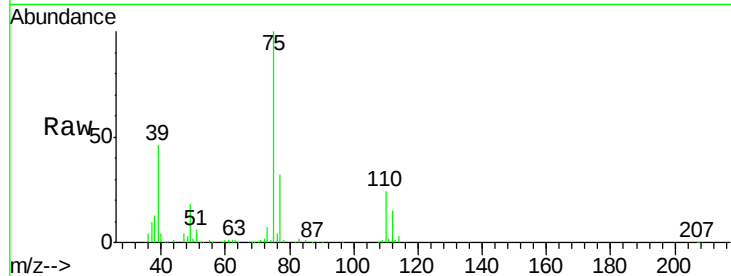
#53
t-1,3-Dichloropropene
Concen: 51.248 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 301694
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8

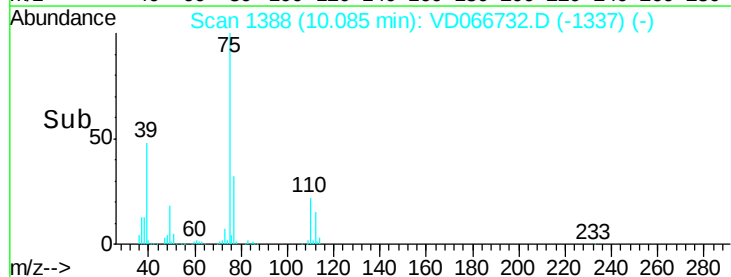
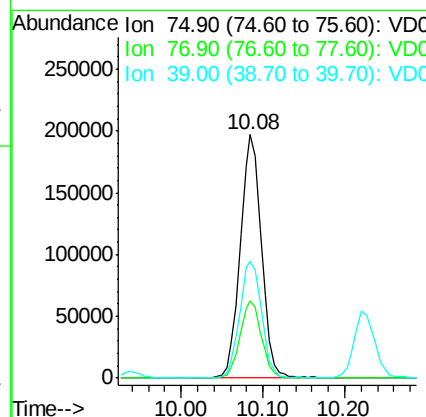
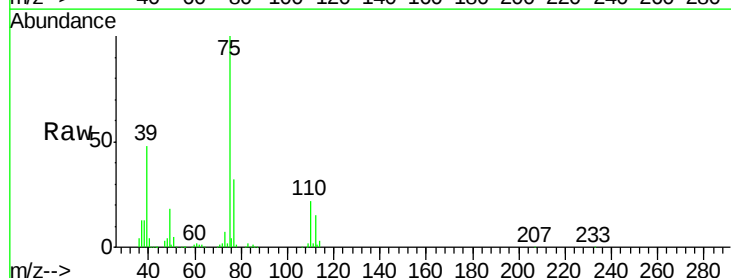
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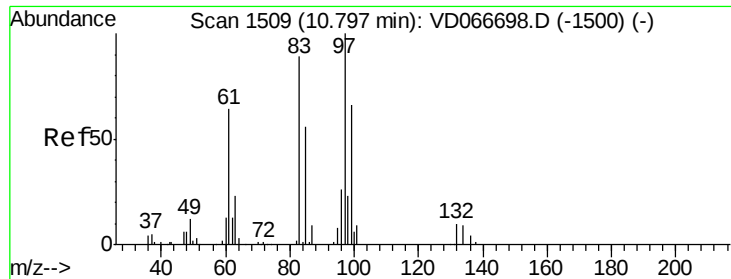
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#54
cis-1,3-Dichloropropene
Concen: 50.792 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion: 75 Resp: 355148
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 47.8 40.6 61.0





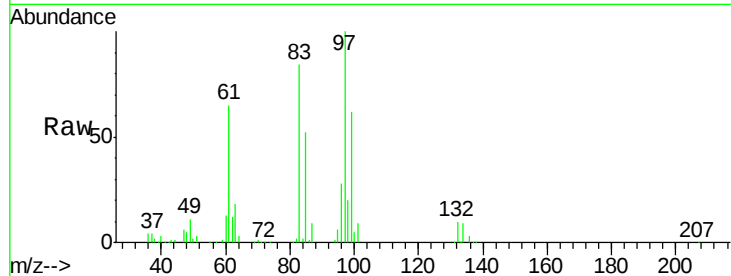
#55
 1,1,2-Trichloroethane
 Concen: 52.550 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
97	100	167560		
83	84.1	71.4	107.2	
85	51.9	44.7	67.1	
99	61.9	52.4	78.6	

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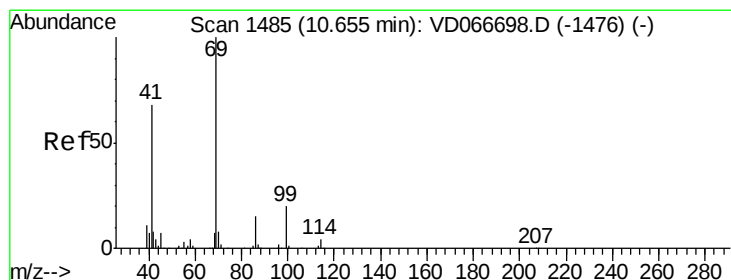
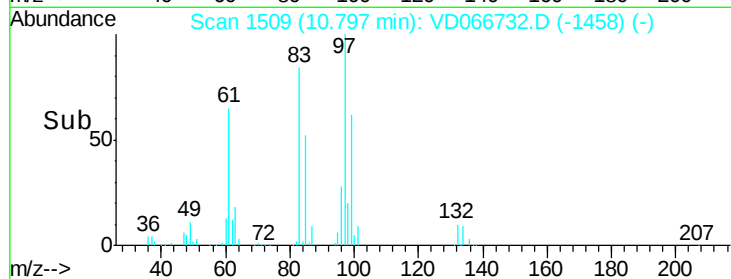
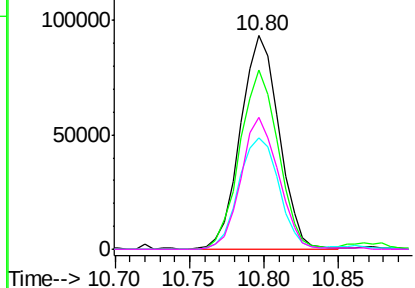


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

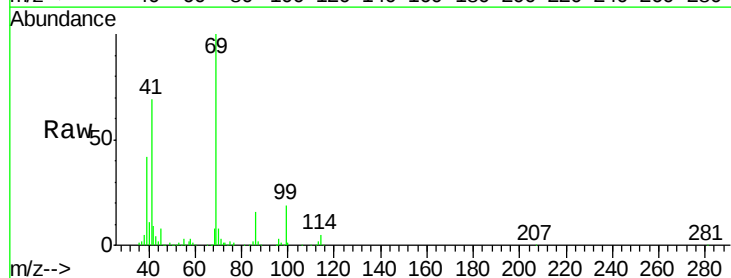
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 55.301 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

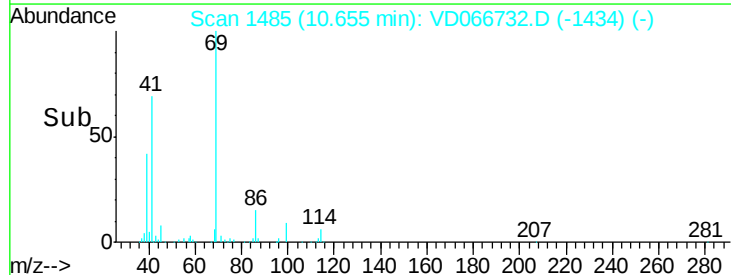
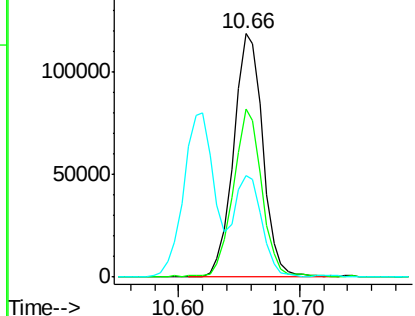
Tgt Ion	Ratio	Resp	Lower	Upper
69	100	200098		
41	68.0	55.5	83.3	
39	39.1	29.7	44.5	

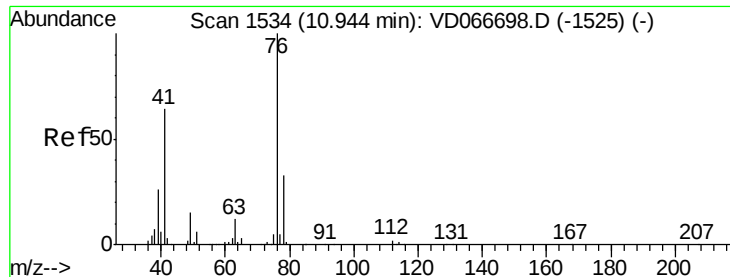


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 51.097 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 285921

Ion Ratio Lower Upper

76 100

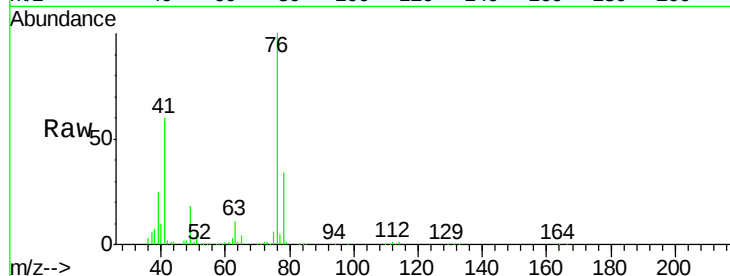
78 32.6 26.2 39.2

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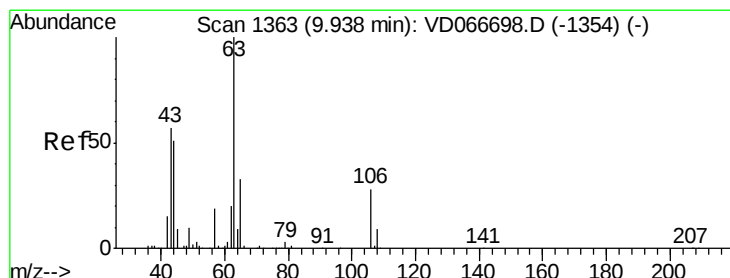
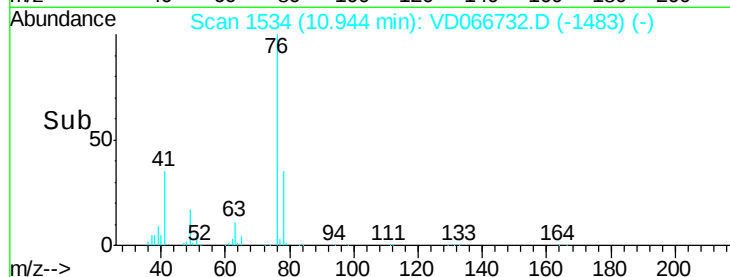
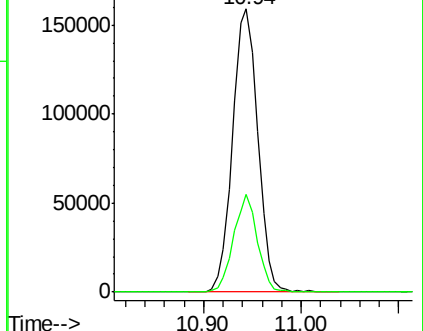
MMDadoda

9/17/2020 1:05:07 PM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 259.141 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066732.D

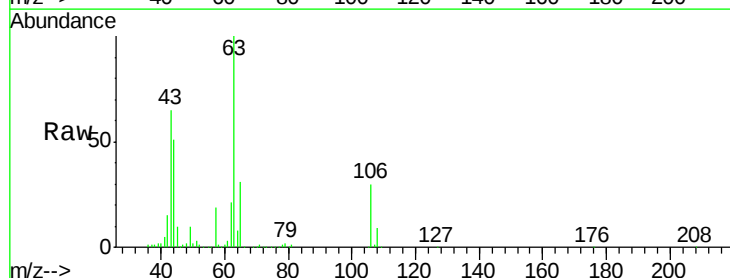
Acq: 16 Sep 2020 21:00

Tgt Ion: 63 Resp: 411818

Ion Ratio Lower Upper

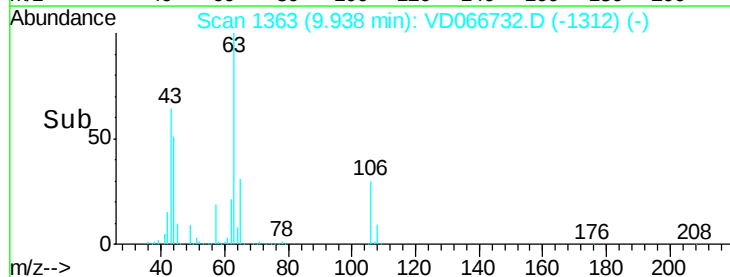
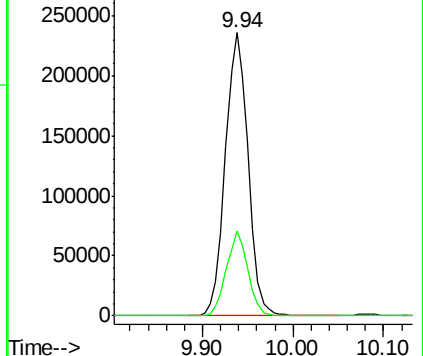
63 100

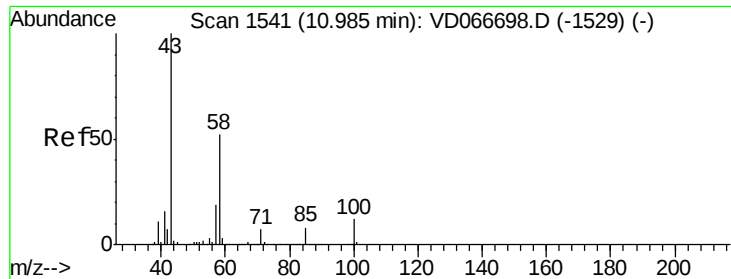
106 28.3 22.2 33.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





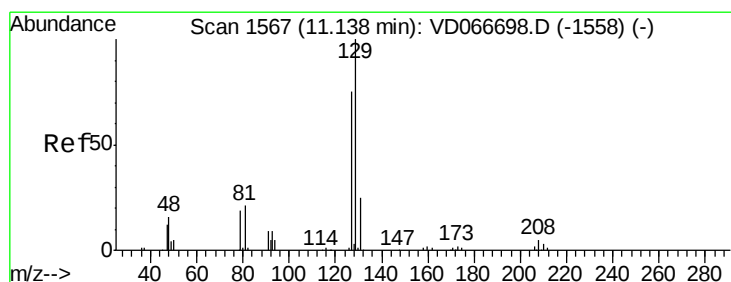
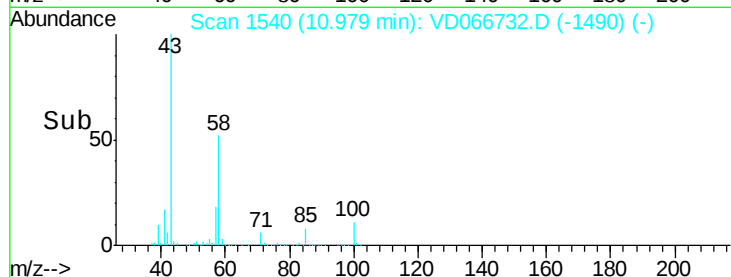
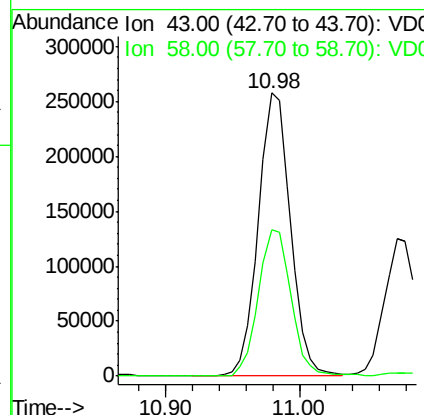
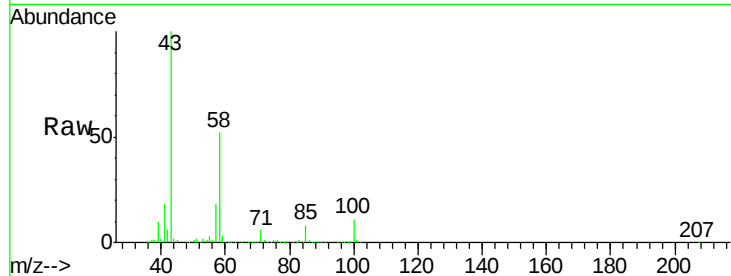
#59
2-Hexanone
Concen: 264.227 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 428569
Ion Ratio Lower Upper
43 100
58 53.0 26.2 78.5

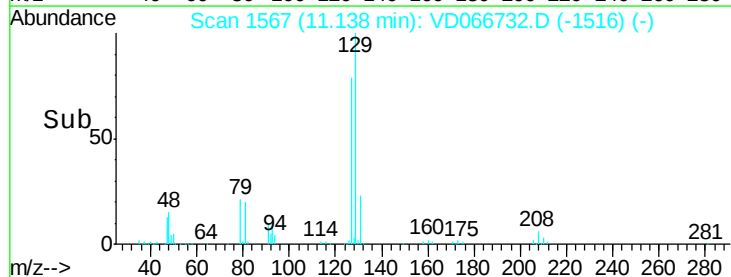
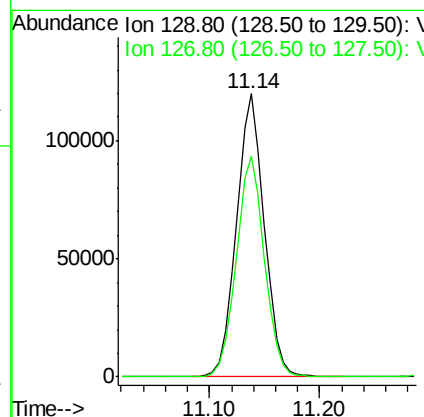
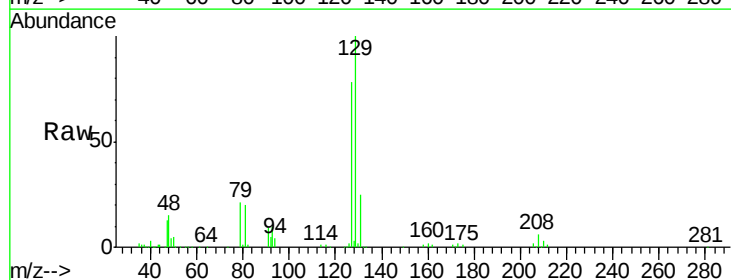
Manual Integrations
APPROVED

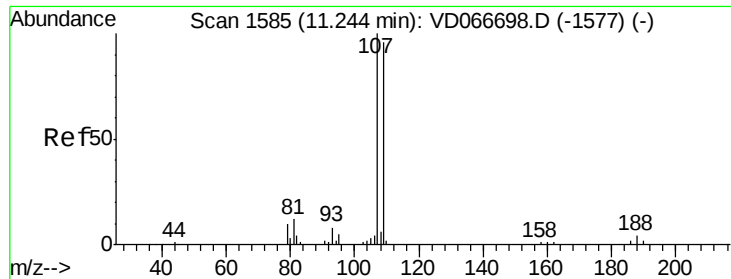
MMDadoda
9/17/2020 1:05:07 PM



#60
Dibromochloromethane
Concen: 51.030 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion: 129 Resp: 212012
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.3





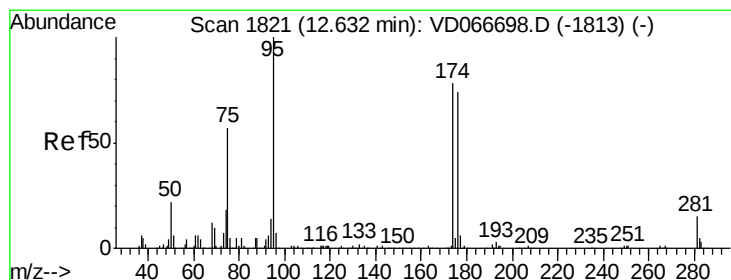
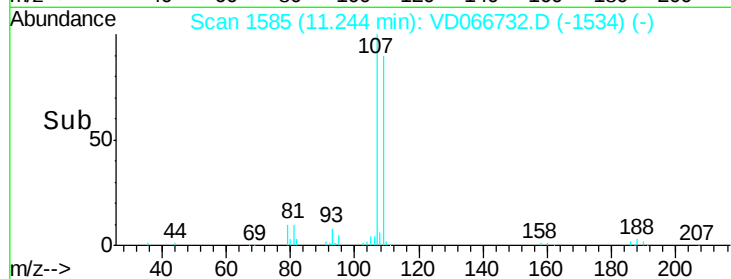
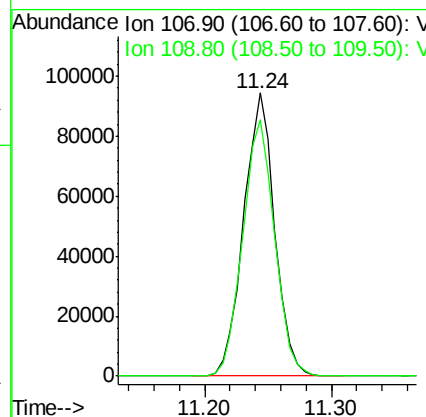
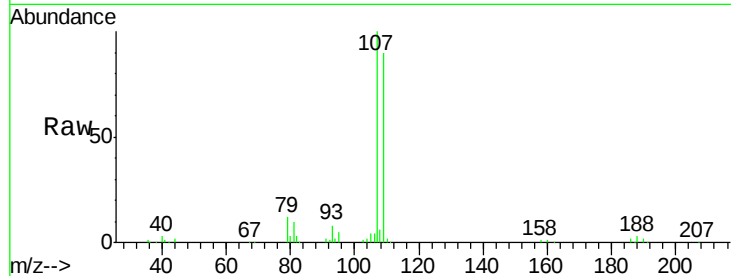
#61
 1,2-Dibromoethane
 Concen: 52.167 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.6	113.4

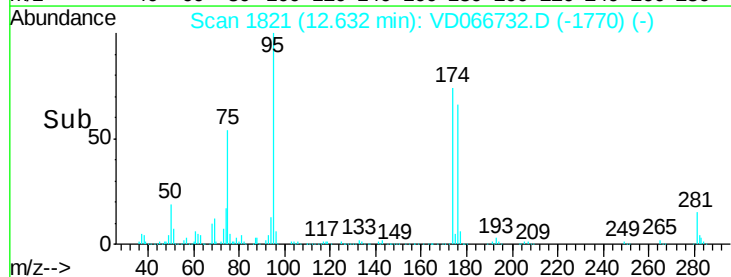
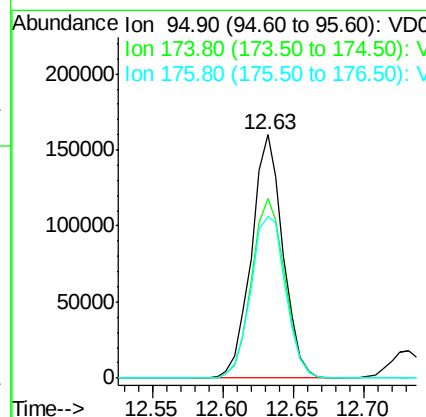
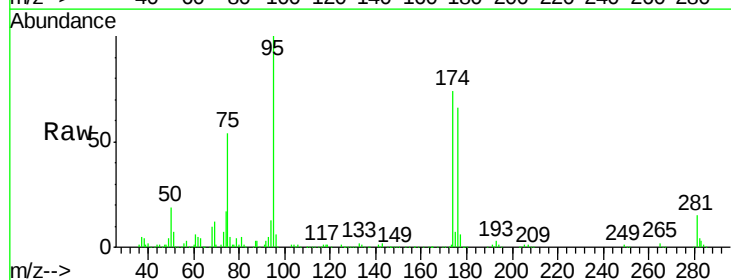
Manual Integrations
 APPROVED

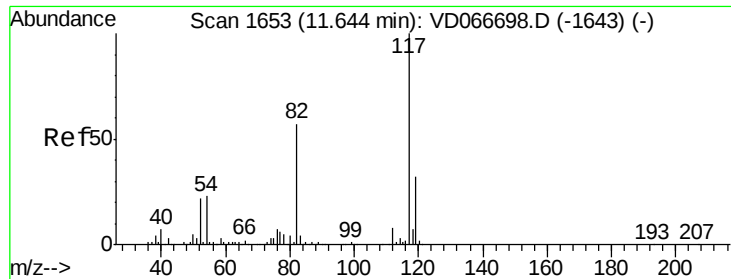
MMDadoda
 9/17/2020 1:05:07 PM



#62
 4-Bromofluorobenzene
 Concen: 51.960 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	156.6
176	73.3	0.0	150.2





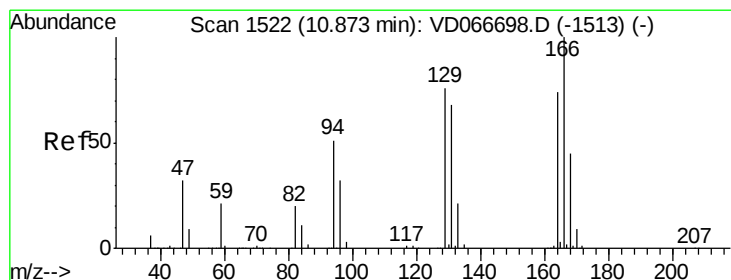
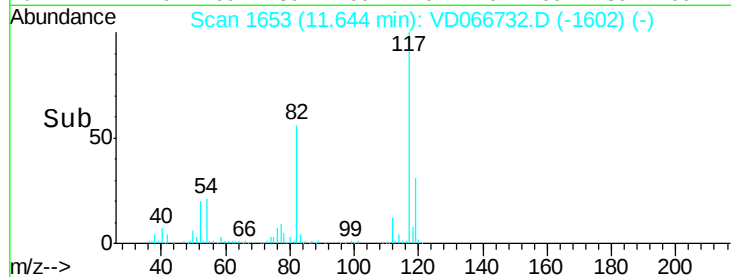
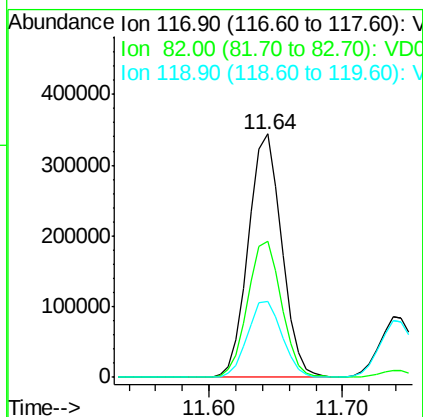
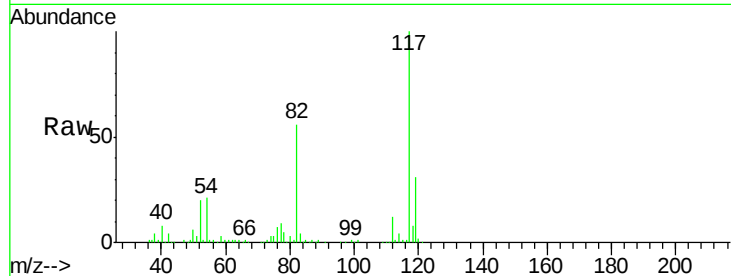
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	592589		
82	56.1		45.4	68.0
119	31.4		25.8	38.6

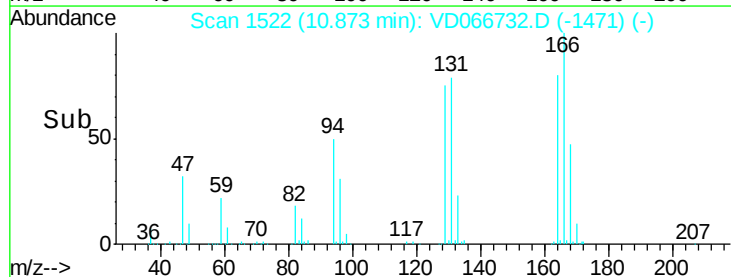
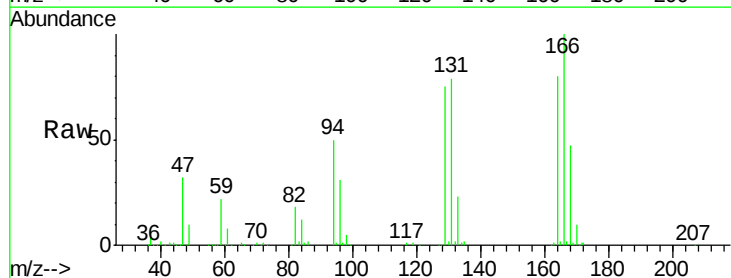
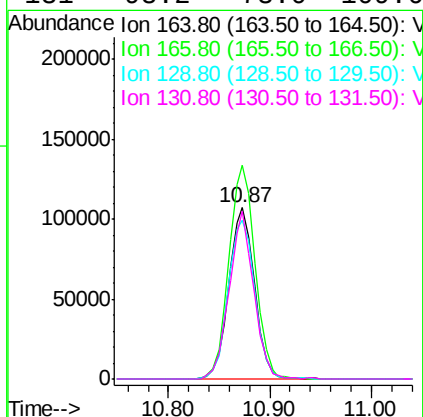
Manual Integrations
APPROVED

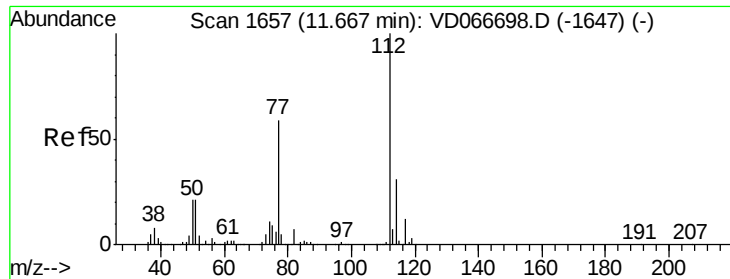
MMDadoda
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#64
Tetrachloroethene
Concen: 46.344 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187473		
166	124.6		107.5	161.3
129	93.0		81.4	122.0
131	98.2		73.0	109.6





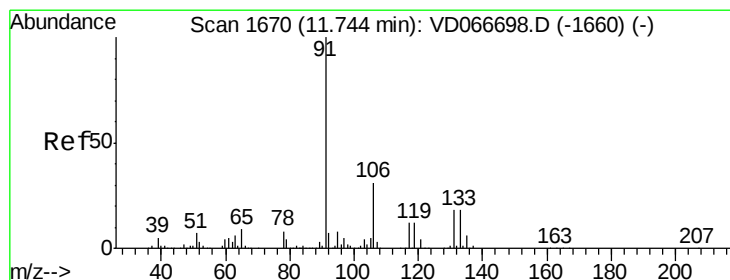
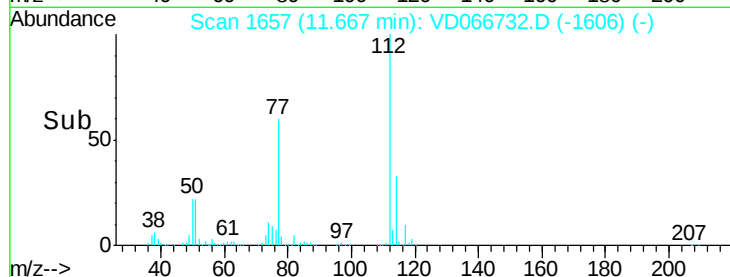
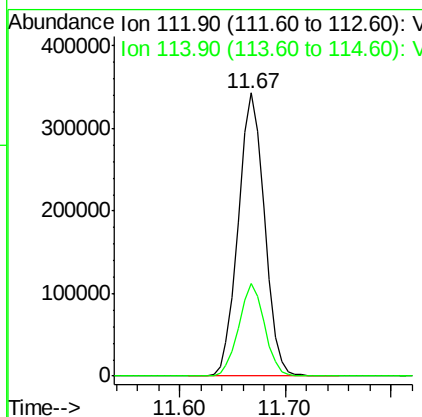
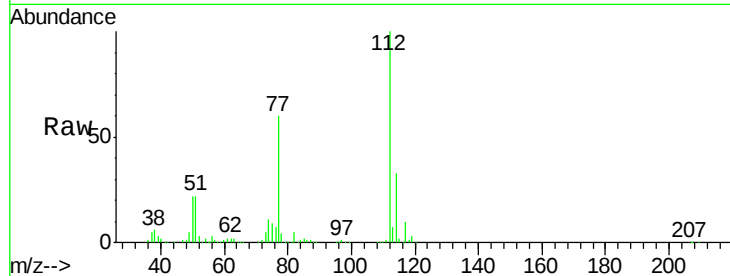
#65
Chlorobenzene
Concen: 48.044 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.0	37.6

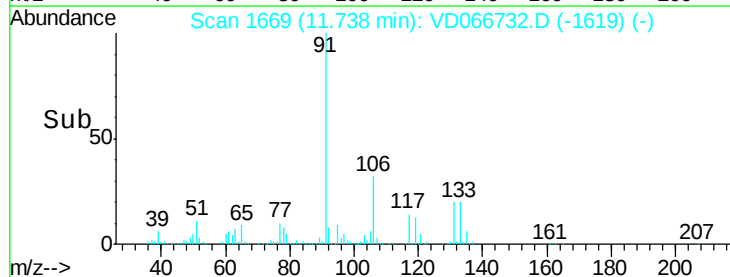
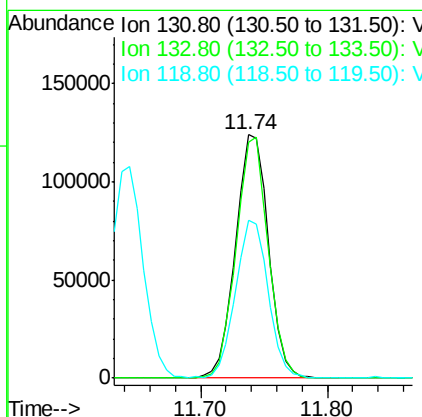
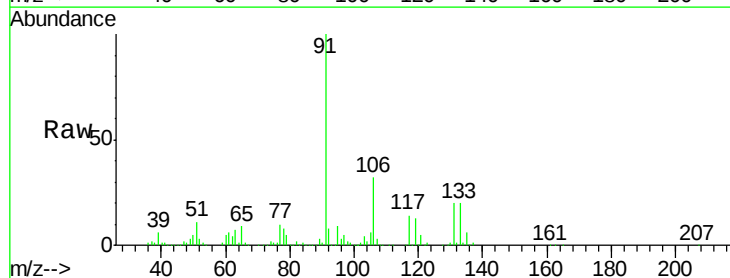
Manual Integrations
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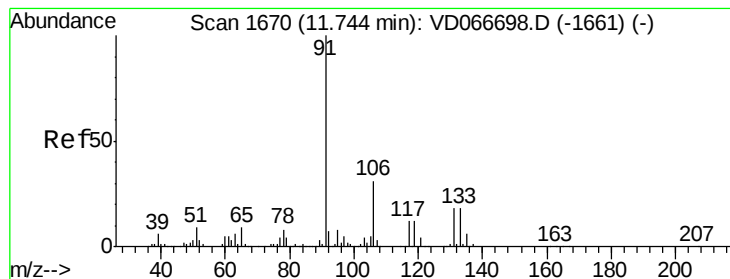
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.255 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.8	143.3
119	64.6	33.6	100.8





#67

Ethyl Benzene

Concen: 49.134 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1091916

Ion Ratio Lower Upper

91 100

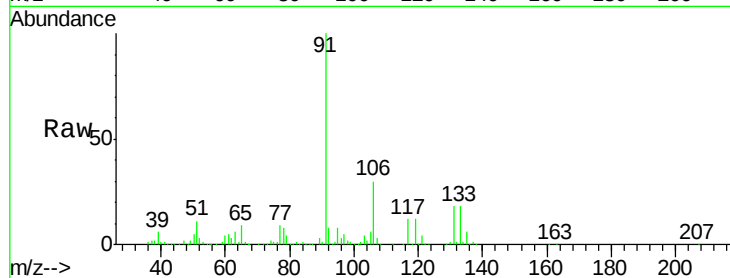
106 30.2 25.1 37.7

Manual Integrations

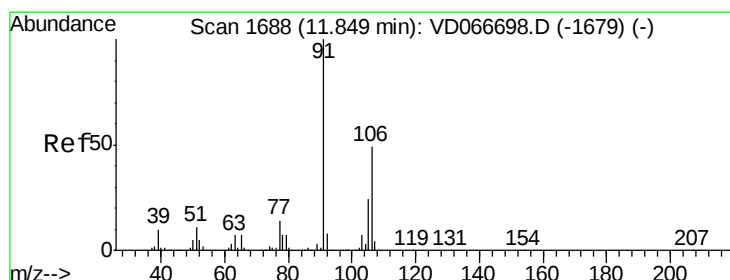
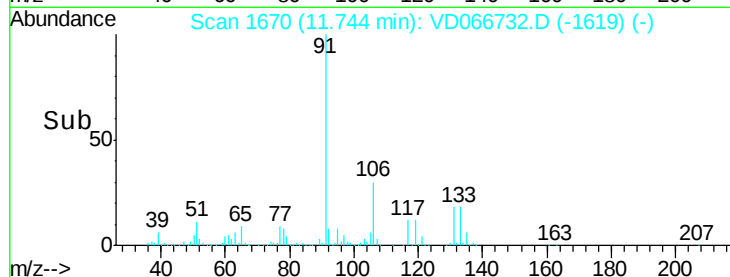
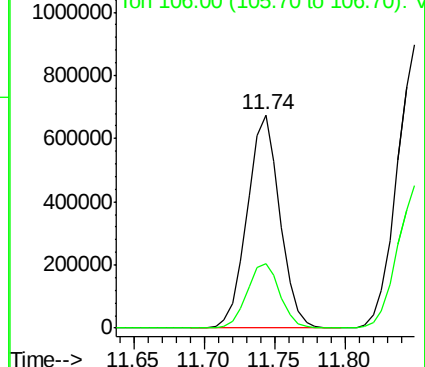
APPROVED

MMDadoda

9/17/2020 1:05:07 PM



Abundance Ion 91.00 (90.70 to 91.70): VD066732.D (-1619) (-)



#68

m/p-Xylenes

Concen: 99.142 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066732.D

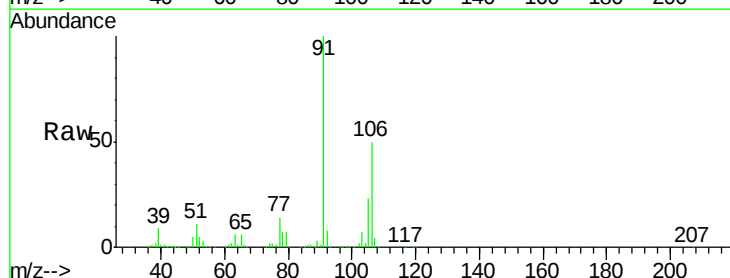
Acq: 16 Sep 2020 21:00

Tgt Ion: 106 Resp: 832722

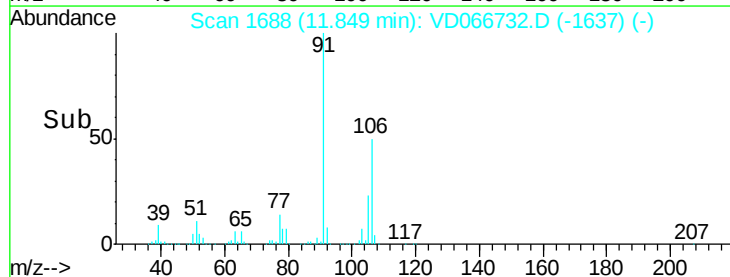
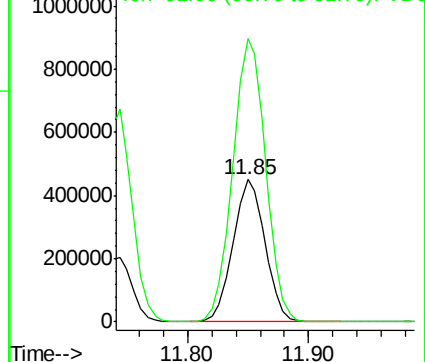
Ion Ratio Lower Upper

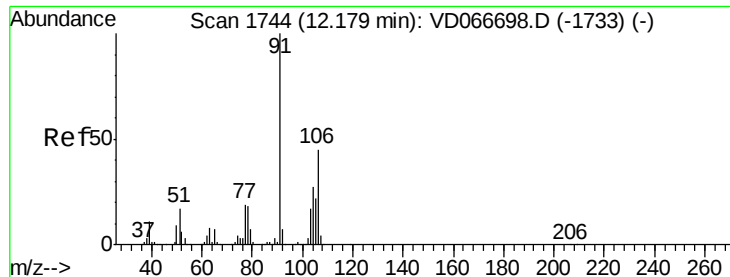
106 100

91 203.5 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): VD066732.D (-1637) (-)





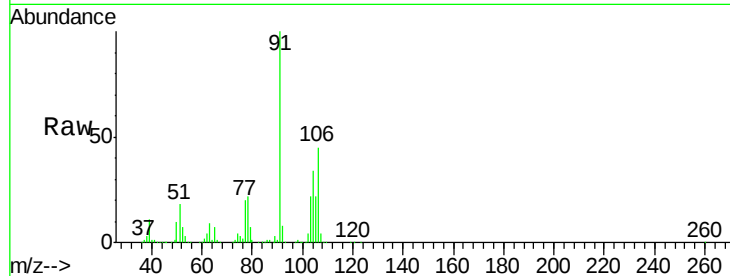
#69
o-Xylene
Concen: 50.544 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

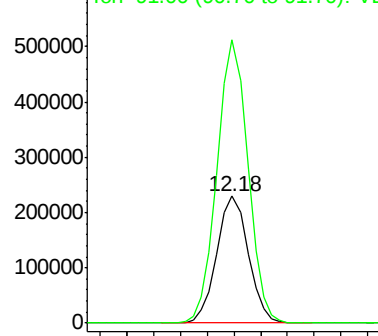
Tot Ion	Ratio	Lower	Upper
106	100		
91	218.5	109.4	328.2

Manual Integrations
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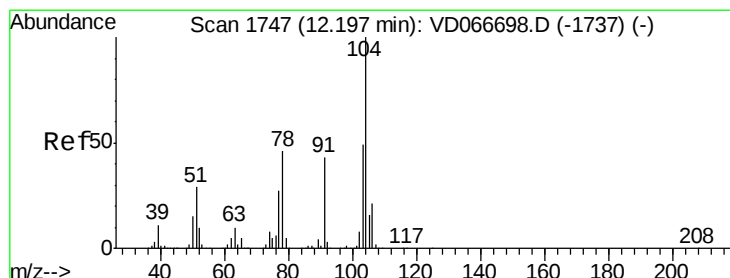
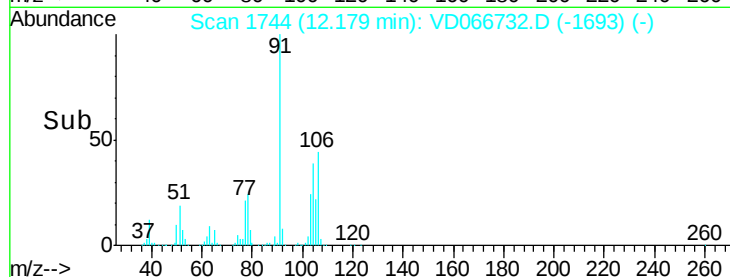
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

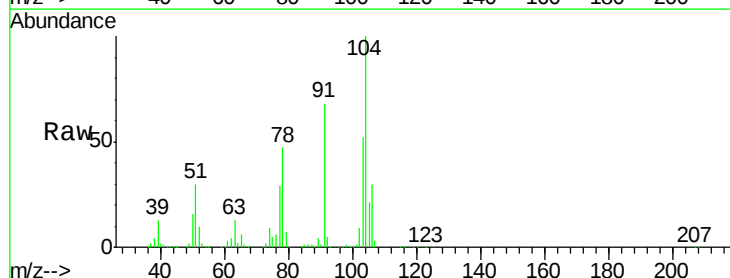


Time-->

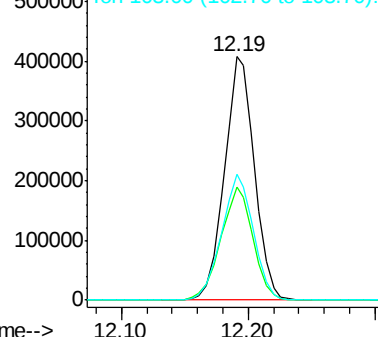


#70
Styrene
Concen: 51.177 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

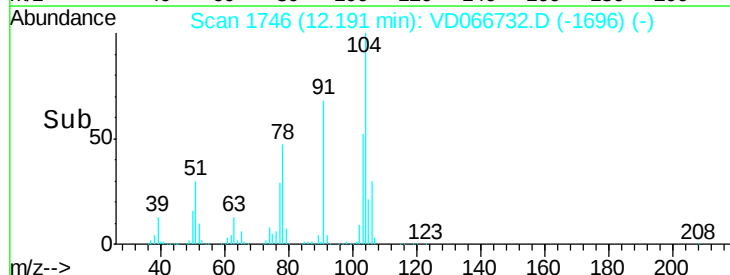
Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.8	40.2	60.4
103	54.6	42.5	63.7

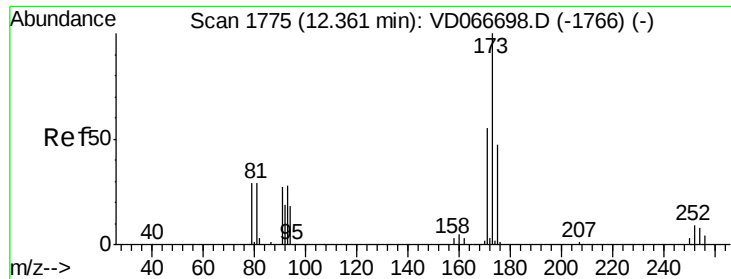


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 50.530 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 114795

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

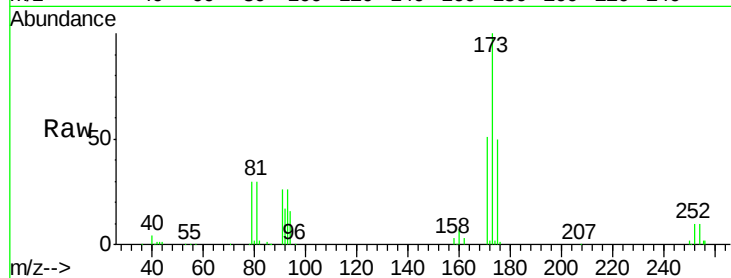
254 0.0 0.1 0.1#

Manual Integrations

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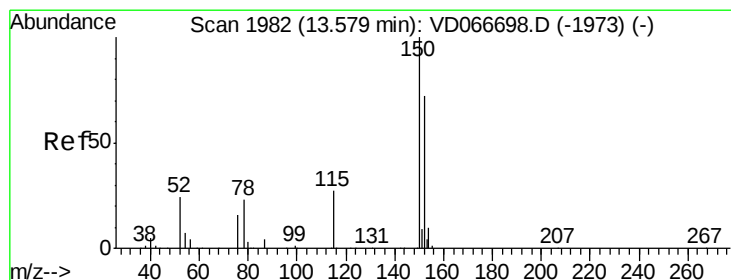
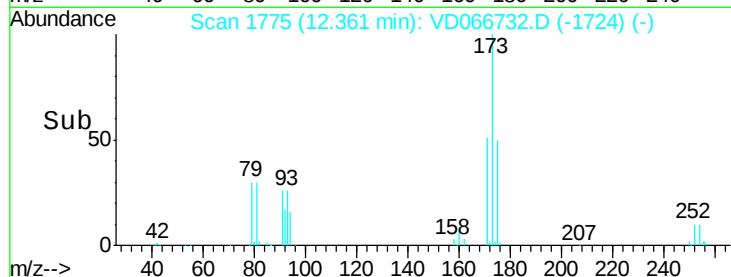
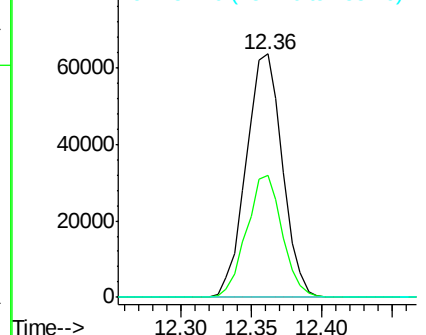
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

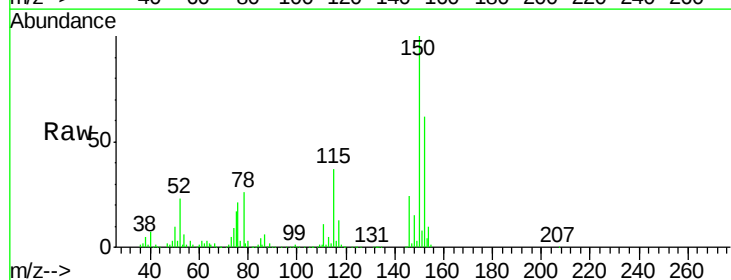
Tgt Ion:152 Resp: 273698

Ion Ratio Lower Upper

152 100

115 61.9 30.5 91.5

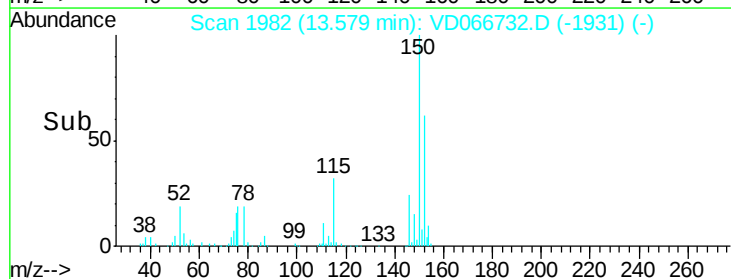
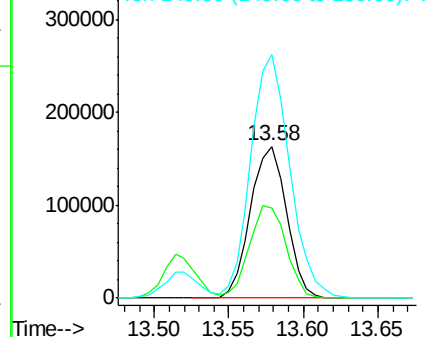
150 173.1 0.0 344.6

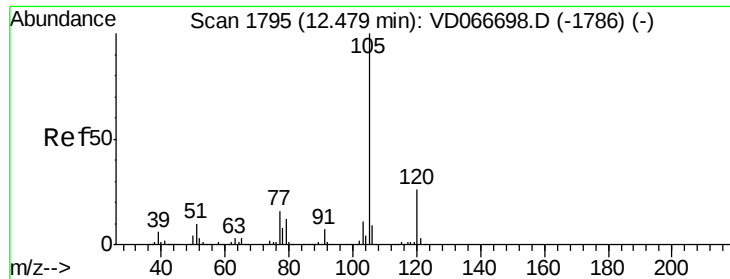


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





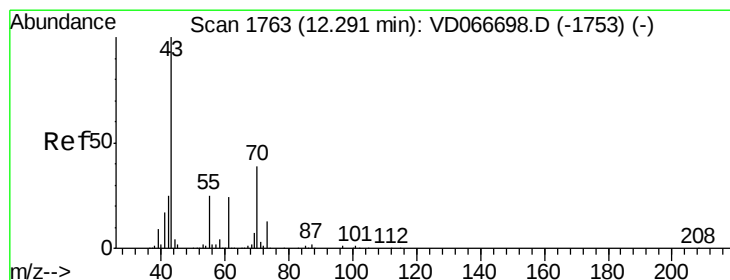
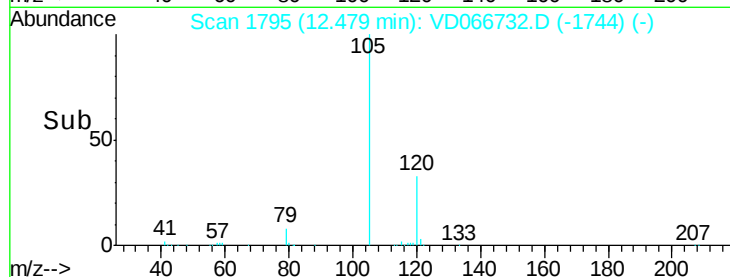
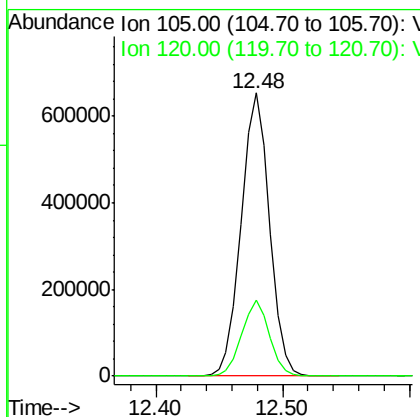
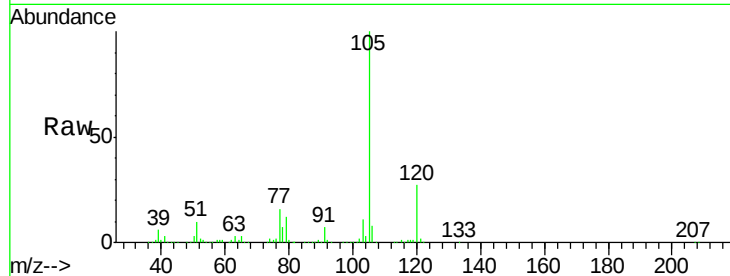
#73
Isopropylbenzene
Concen: 49.535 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1012108
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

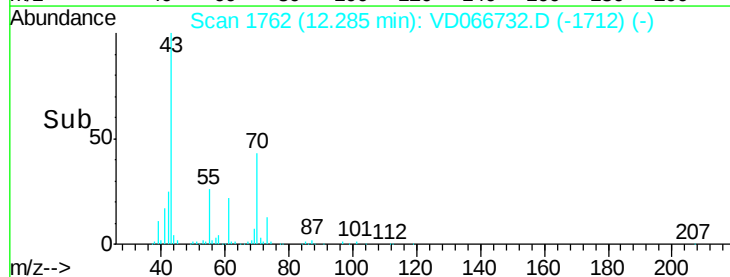
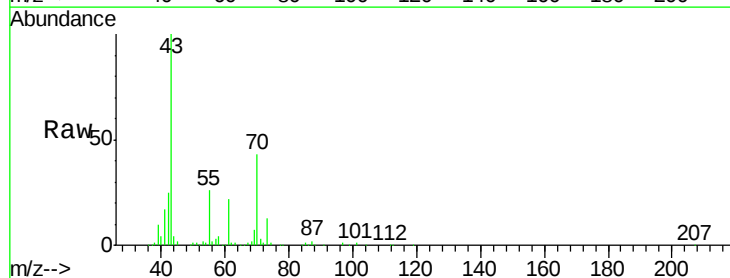
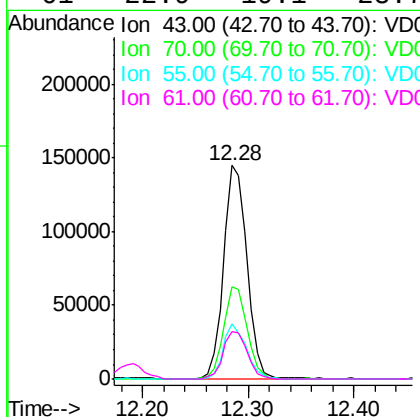
Manual Integrations
APPROVED

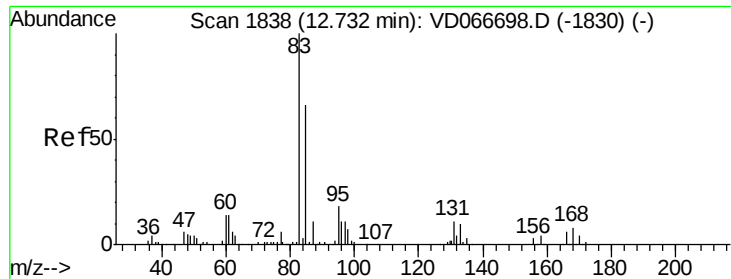
MMDadoda
9/17/2020 1:05:07 PM



#74
N-ethyl acetate
Concen: 51.778 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion: 43 Resp: 223167
Ion Ratio Lower Upper
43 100
70 43.4 33.0 49.4
55 25.3 20.6 30.8
61 22.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.784 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

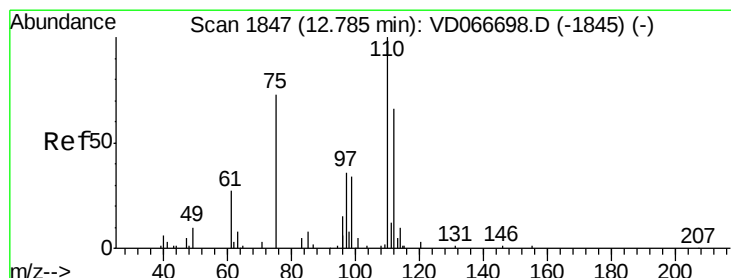
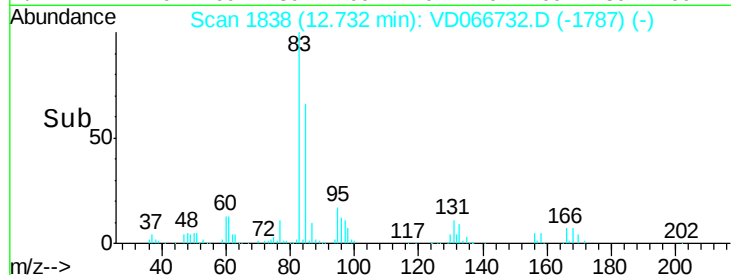
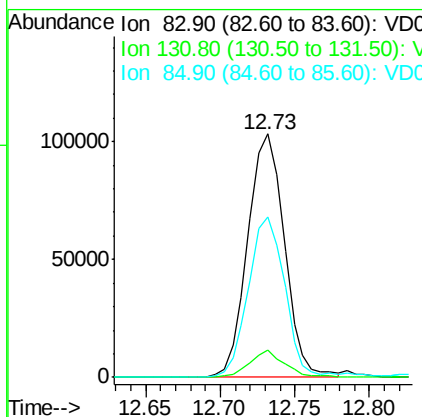
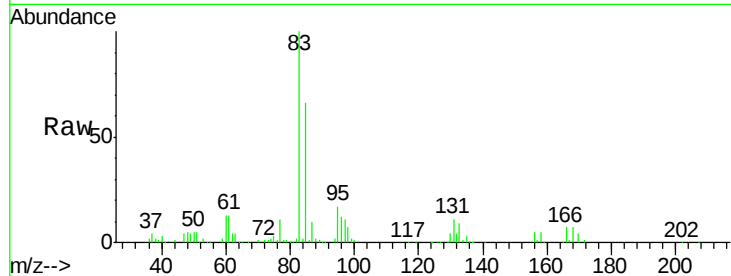
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	176320
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.8	17.3
85	66.4	33.3	99.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.877 ug/l m

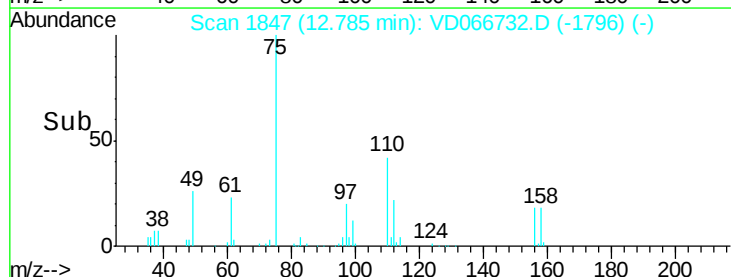
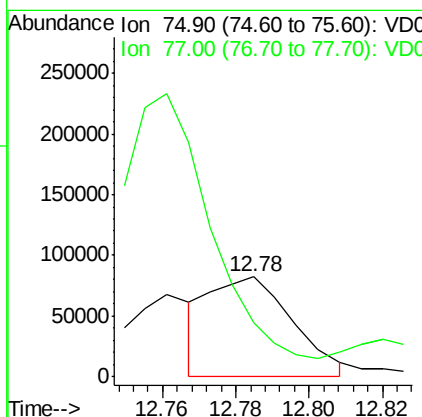
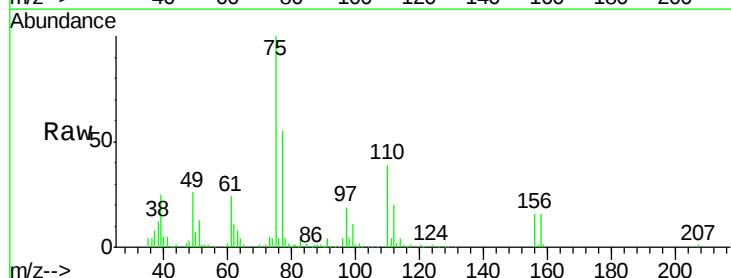
RT: 12.78 min Scan# 1847

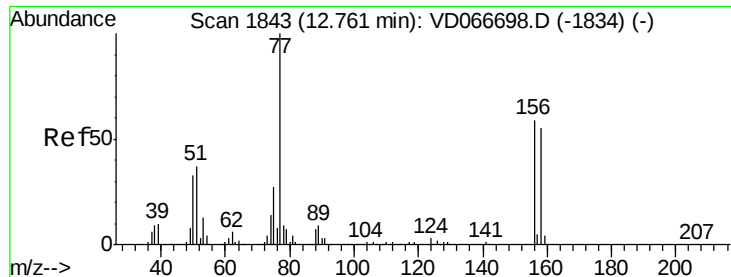
Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Tgt Ion:	75	Resp:	130906
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.724 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

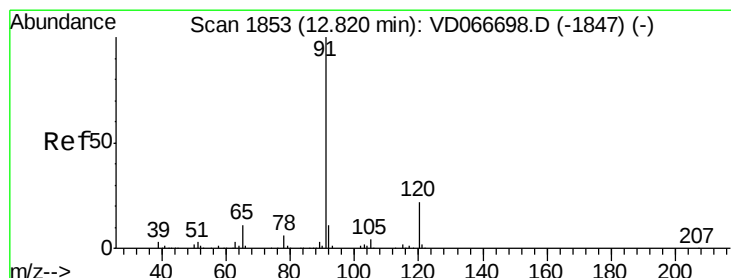
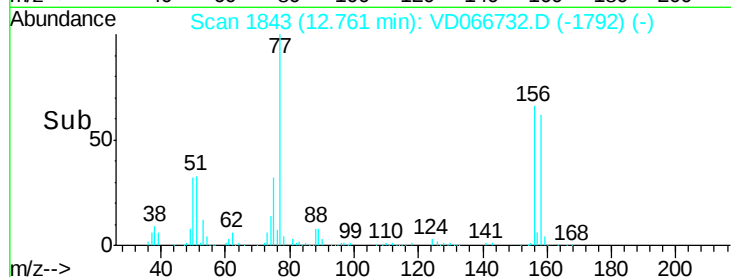
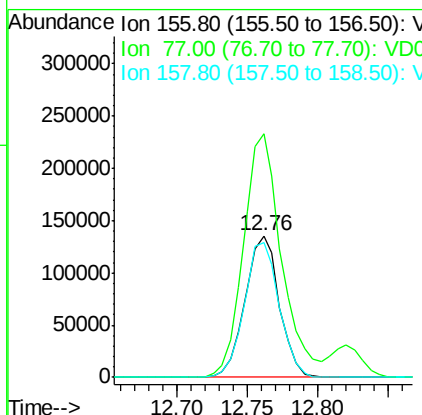
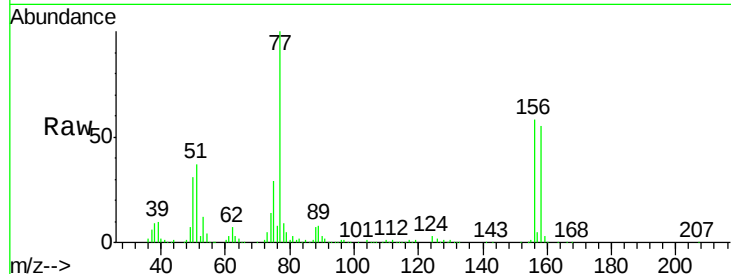
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		229453		
77	192.1	95.8	287.3		
158	97.1	48.4	145.0		

Manual Integrations
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#78

n-propylbenzene

Concen: 48.540 ug/l

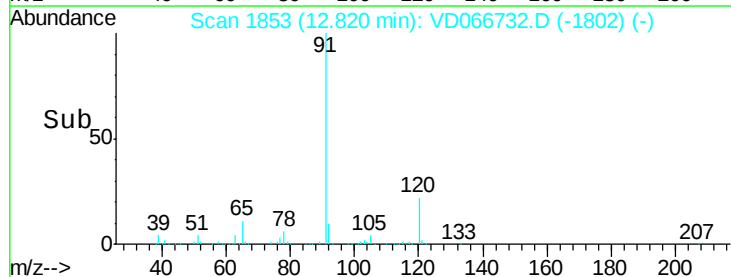
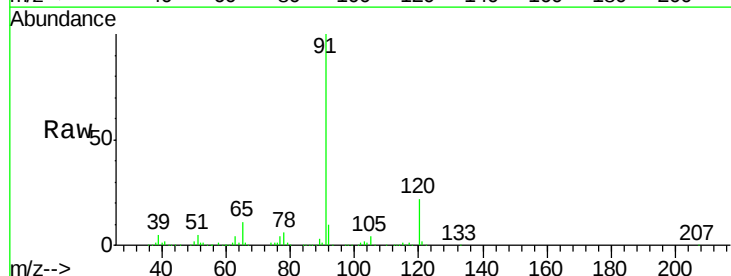
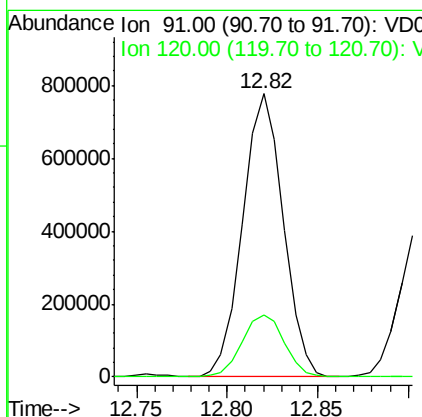
RT: 12.82 min Scan# 1853

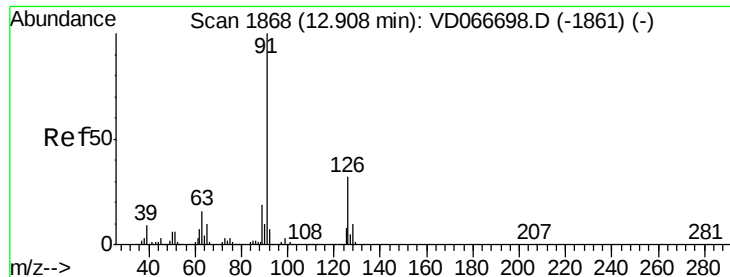
Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1208990		
120	22.9	10.9	32.9		





#79

2-Chlorotoluene

Concen: 48.907 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 688794

Ion Ratio Lower Upper

91 100

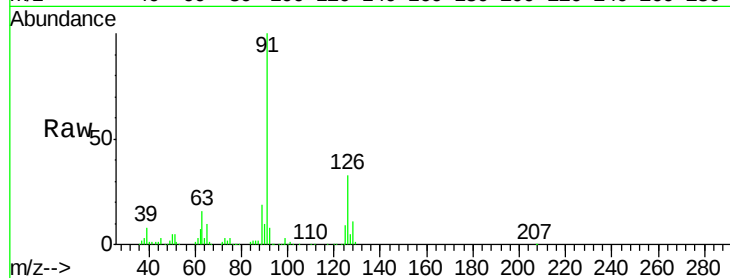
126 33.4 16.2 48.6

Manual Integrations

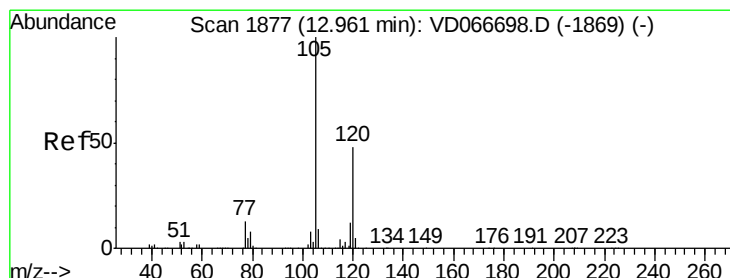
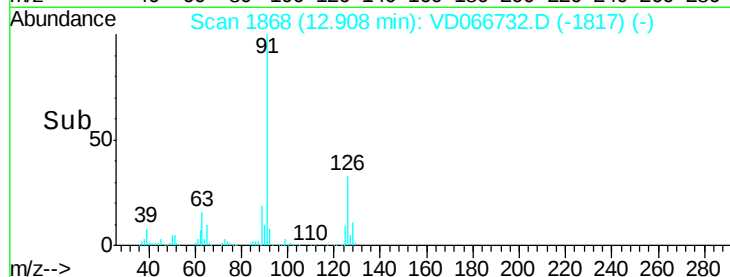
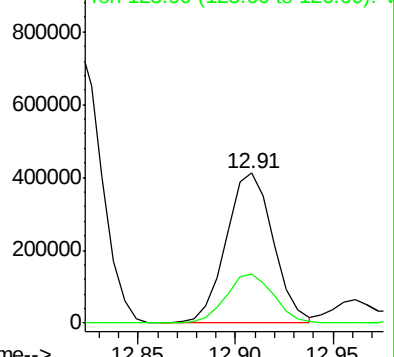
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Abundance Ion 91.00 (90.70 to 91.70): VD066732.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.904 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066732.D

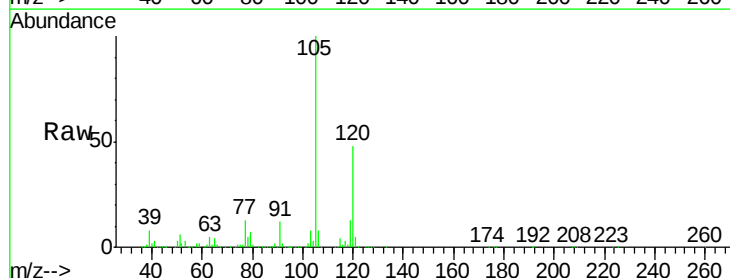
Acq: 16 Sep 2020 21:00

Tgt Ion: 105 Resp: 862136

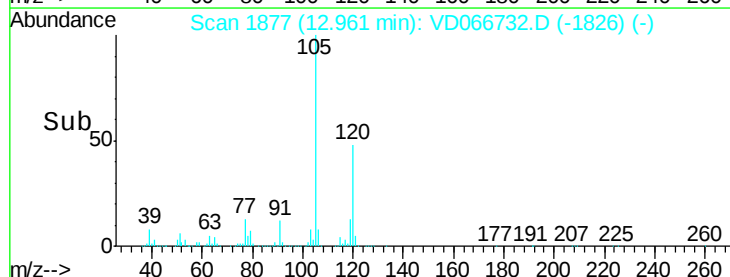
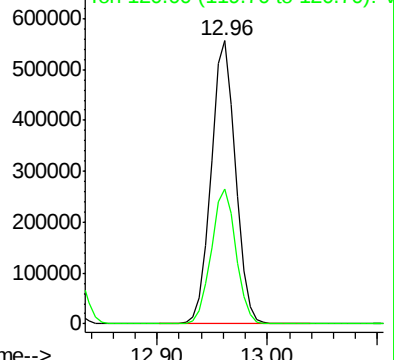
Ion Ratio Lower Upper

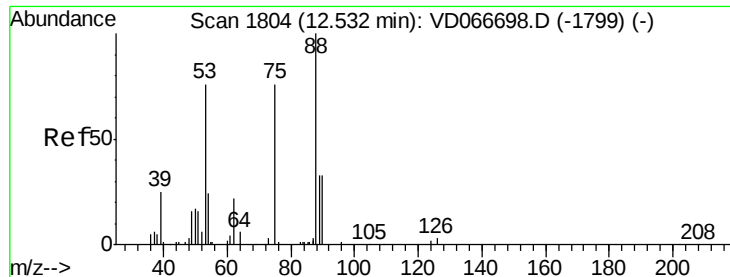
105 100

120 48.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD066732.D (-1826) (-)





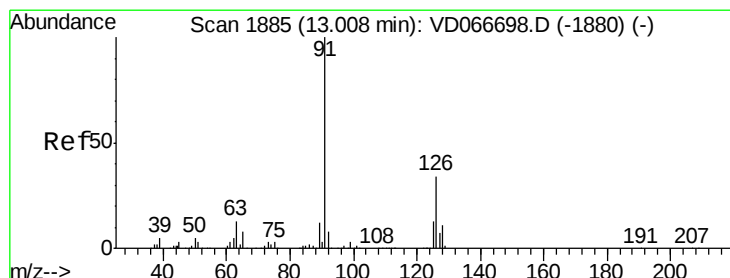
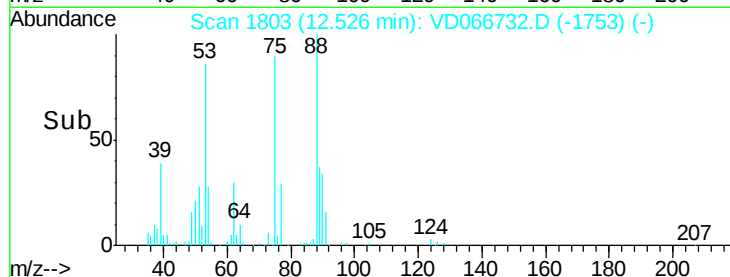
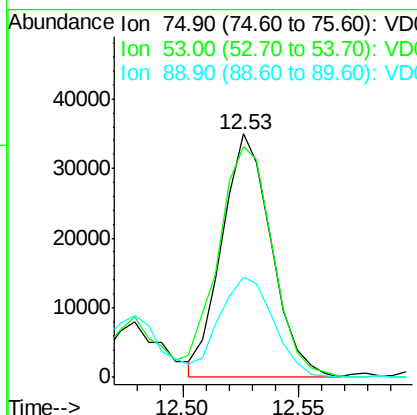
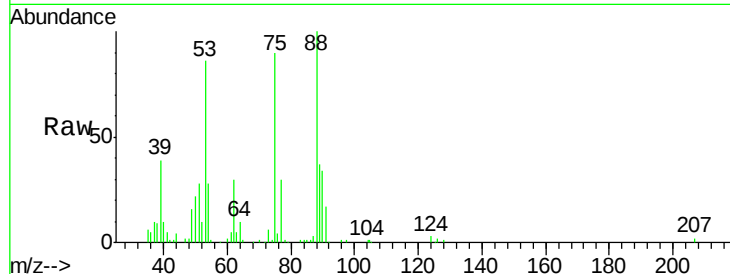
#81
trans-1,4-Dichloro-2-butene
Concen: 47.956 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.5	82.2	123.4
89	45.4	39.6	59.4

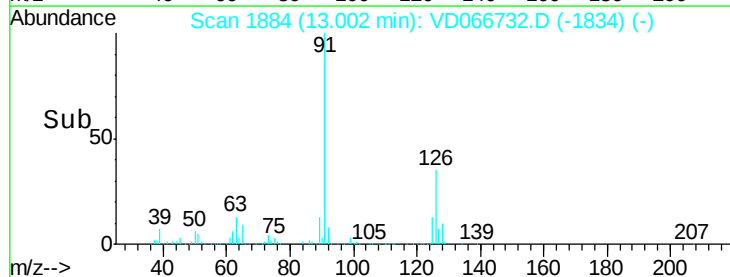
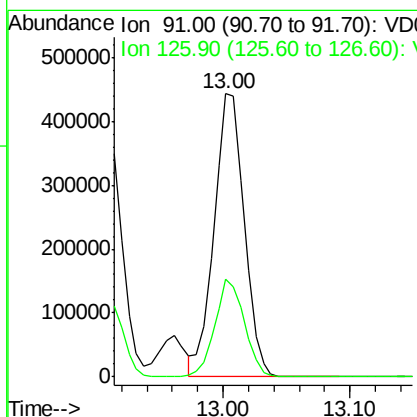
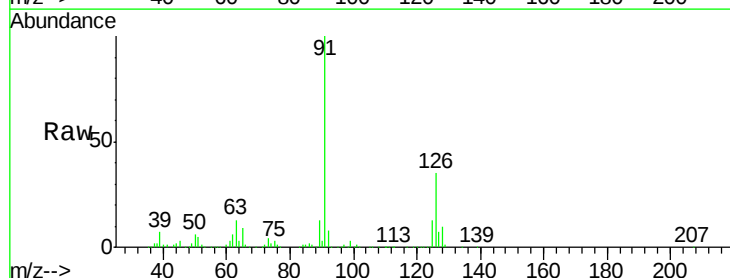
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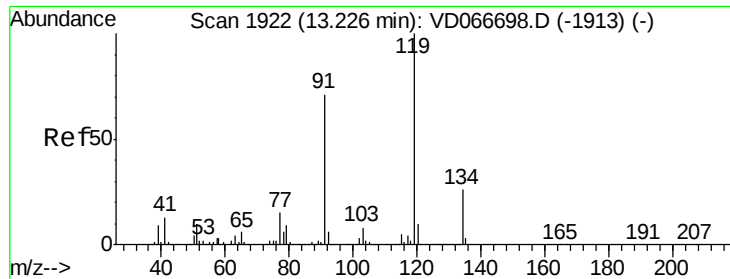
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#82
4-Chlorotoluene
Concen: 49.220 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.8	50.4





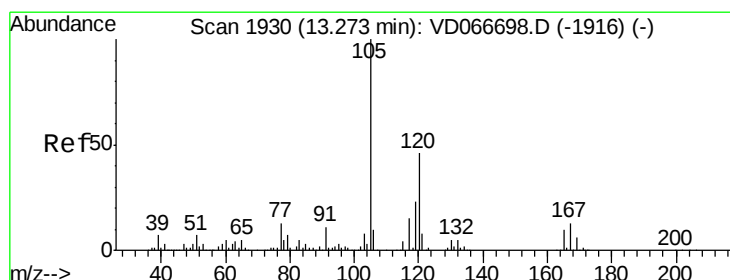
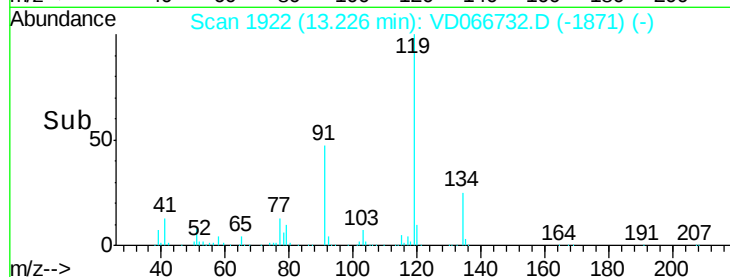
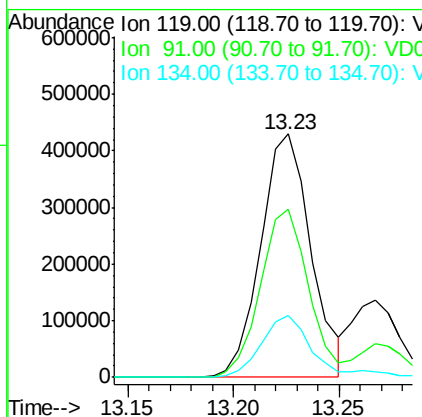
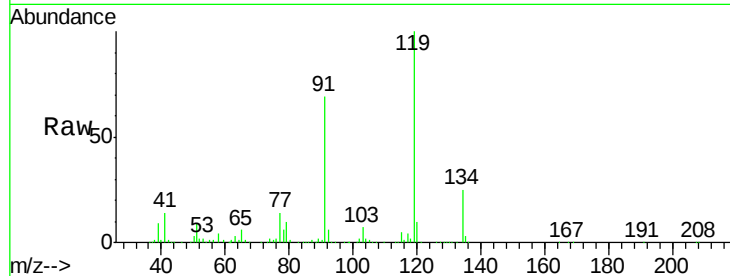
#83
tert-Butylbenzene
Concen: 49.875 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	35.0	105.1
134	24.5	13.6	40.8

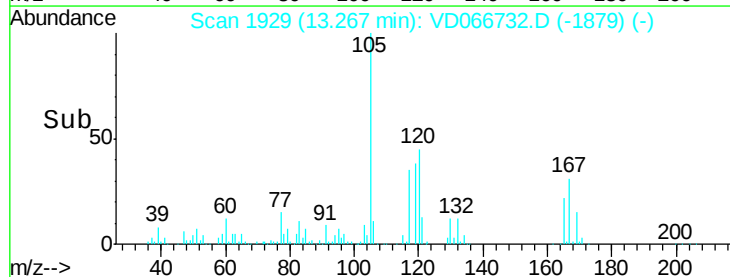
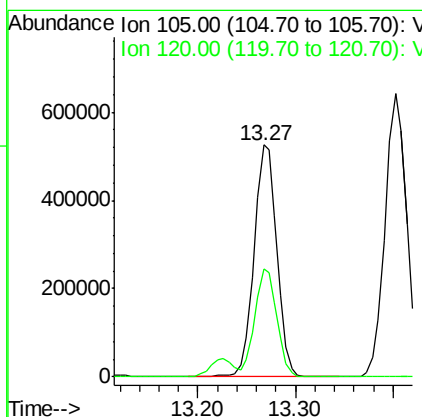
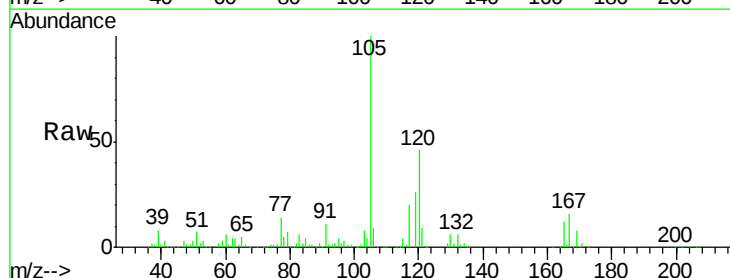
Manual Integrations
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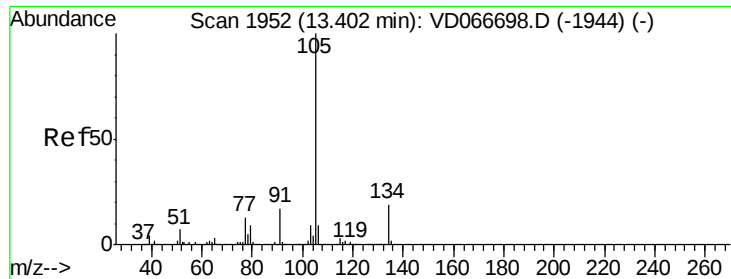
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#84
1,2,4-Trimethylbenzene
Concen: 50.157 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.2





#85

sec-Butylbenzene

Concen: 48.398 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 987972

Ion Ratio Lower Upper

105 100

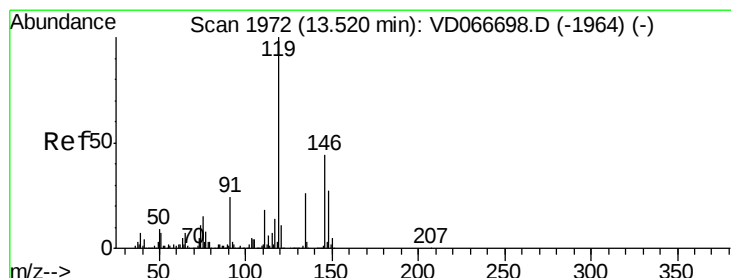
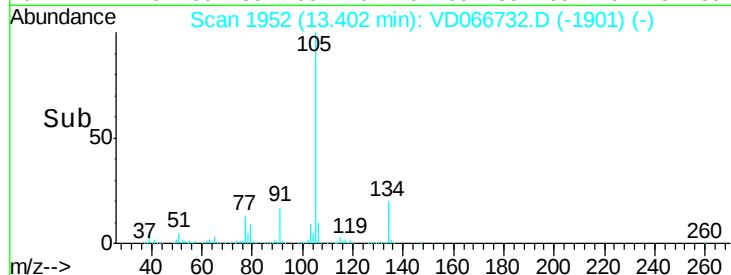
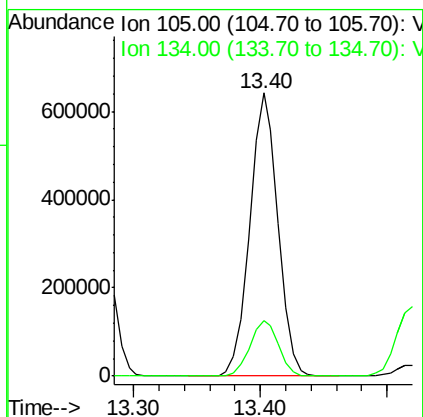
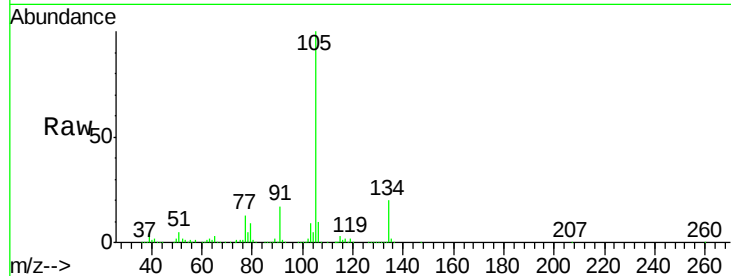
134 19.8 10.0 30.0

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.344 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066732.D

Acq: 16 Sep 2020 21:00

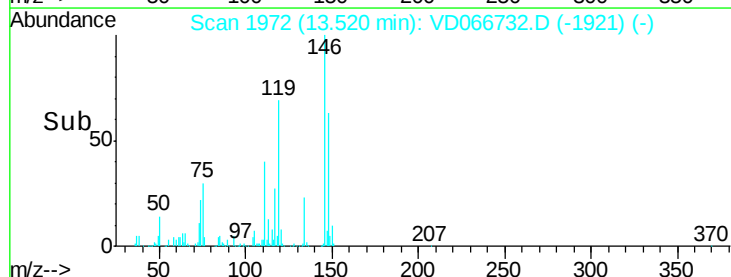
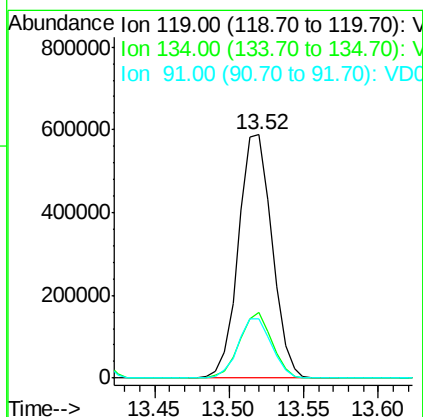
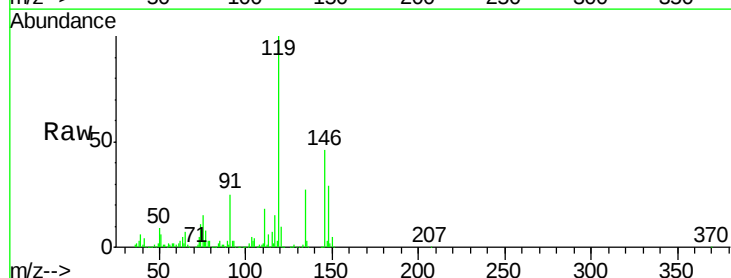
Tgt Ion:119 Resp: 915740

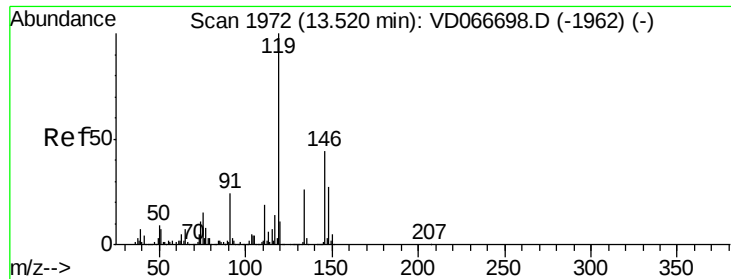
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 24.6 12.3 36.9





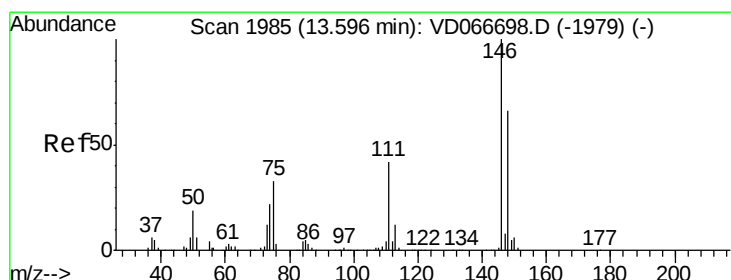
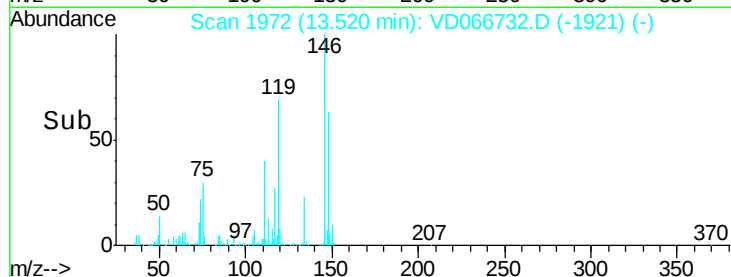
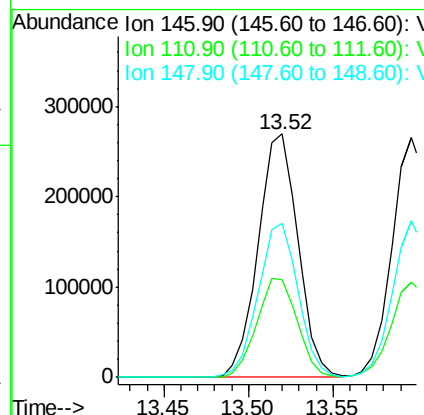
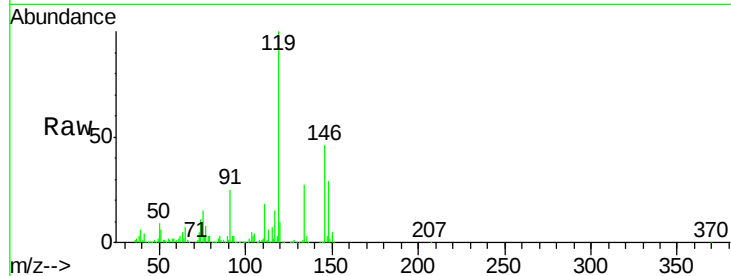
#87
 1,3-Dichlorobenzene
 Concen: 49.109 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.1	63.3
148	63.4	31.4	94.2

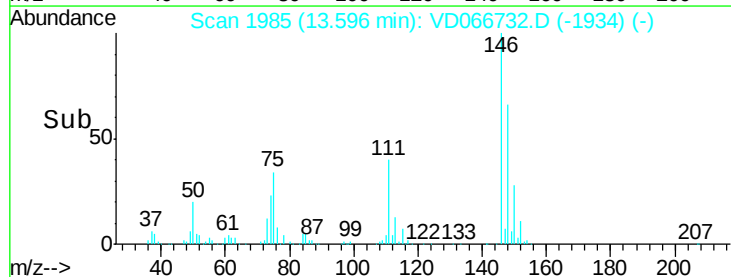
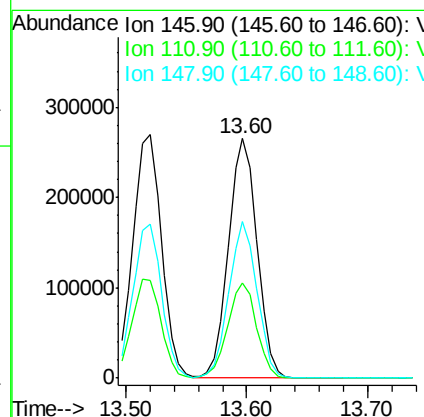
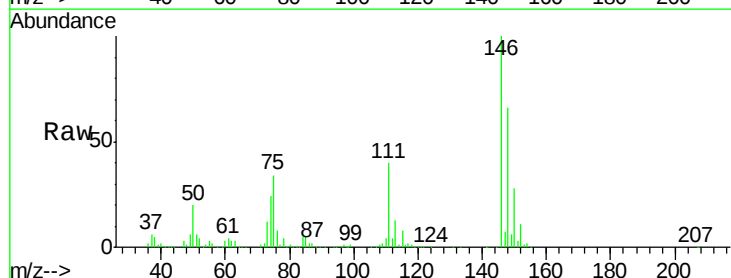
Manual Integrations
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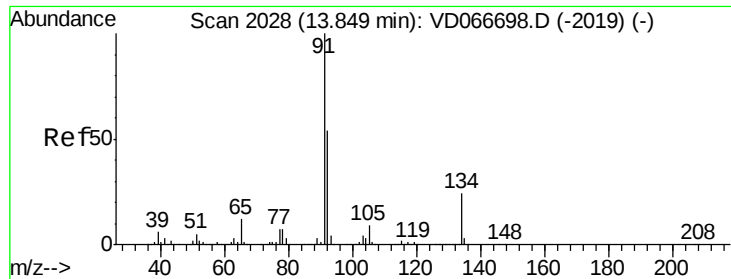
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#88
 1,4-Dichlorobenzene
 Concen: 48.412 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.6
148	64.5	32.7	98.1





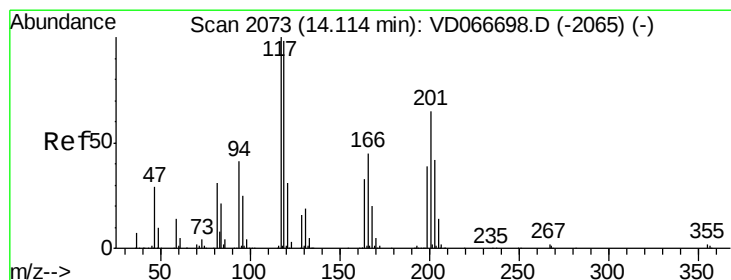
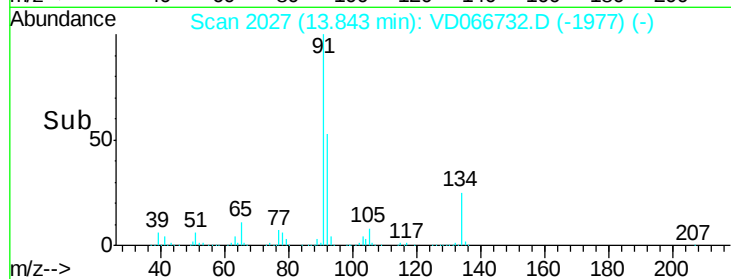
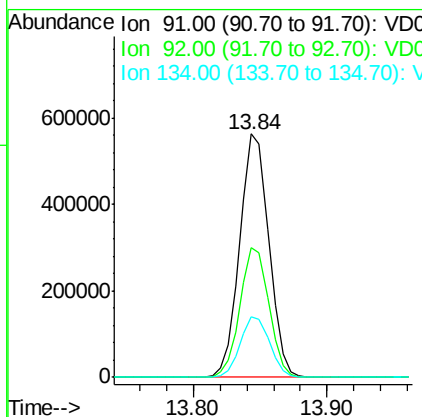
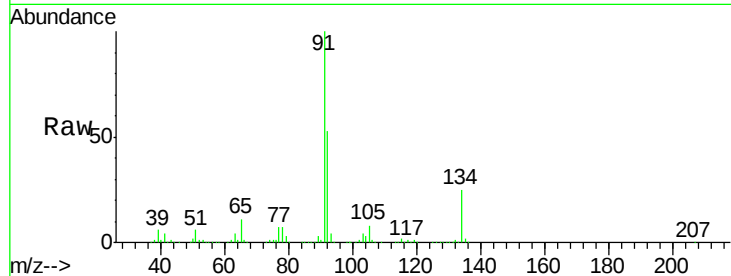
#89
n-Butylbenzene
Concen: 48.232 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.0	81.0
134	25.0	12.4	37.0

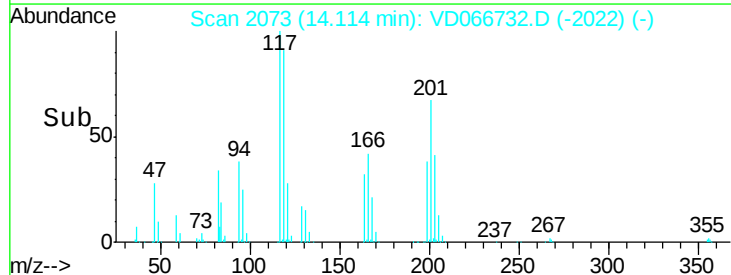
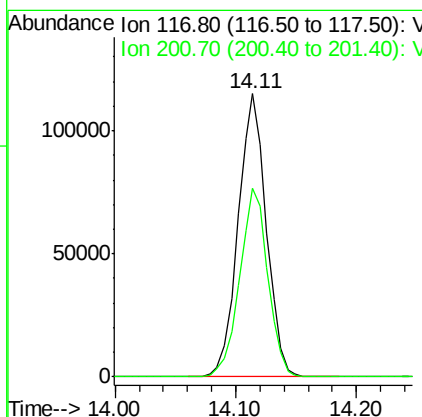
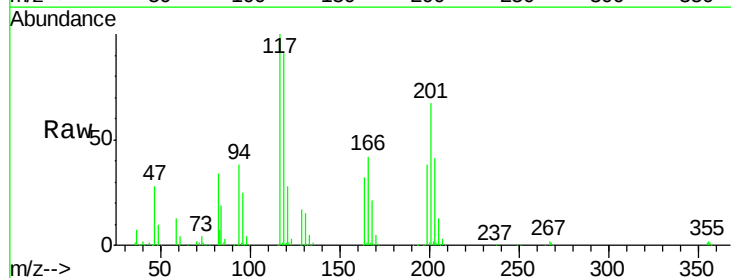
Manual Integrations
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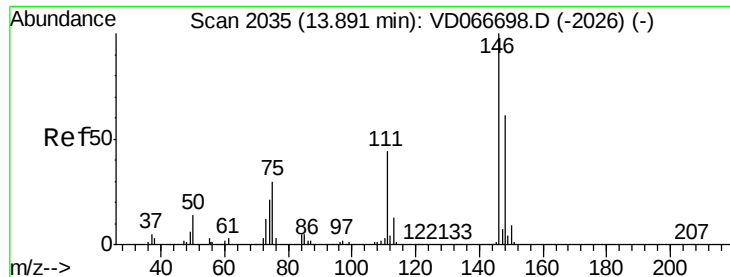
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#90
Hexachloroethane
Concen: 48.994 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.6	33.1	99.3





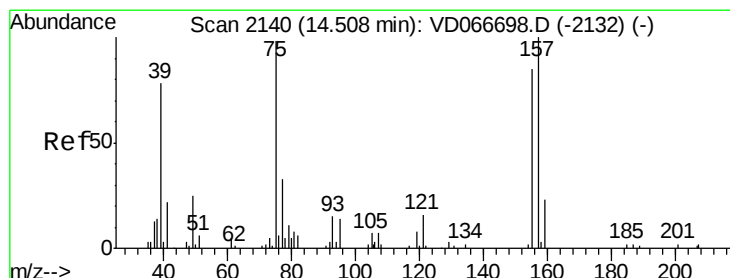
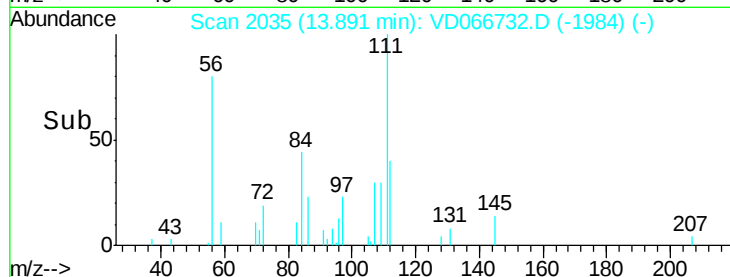
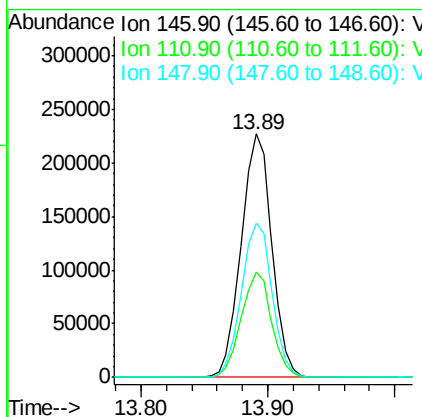
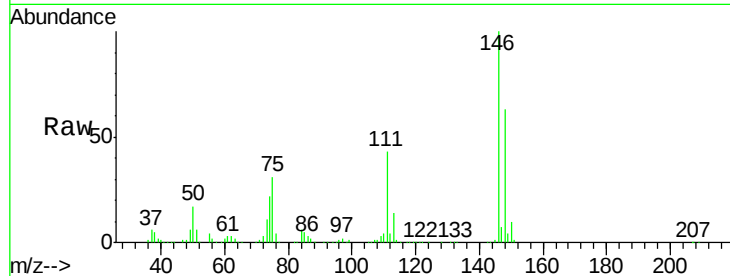
#91
 1,2-Dichlorobenzene
 Concen: 49.131 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.6	64.6
148	63.6	31.4	94.3

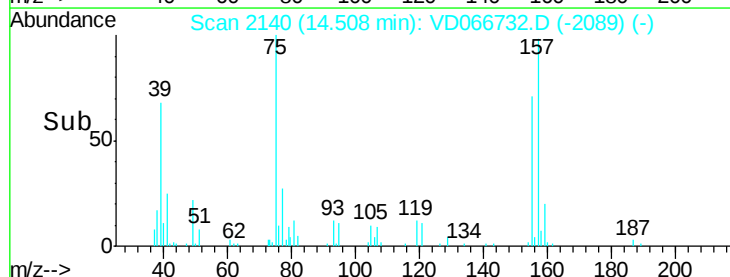
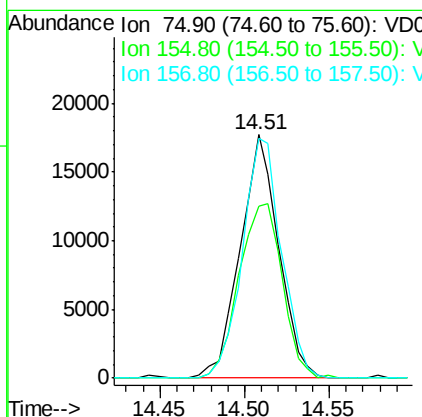
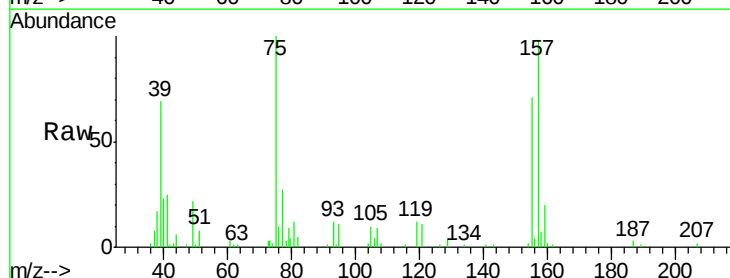
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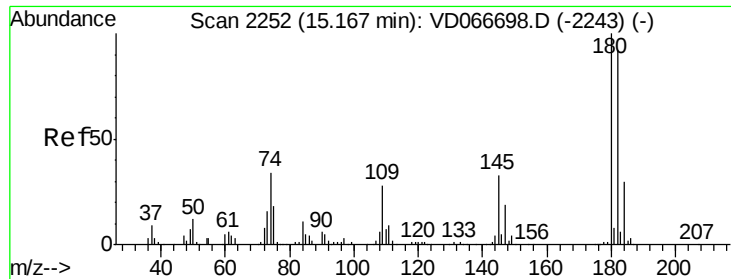
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.945 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	38.9	116.7
157	100.1	46.4	139.2





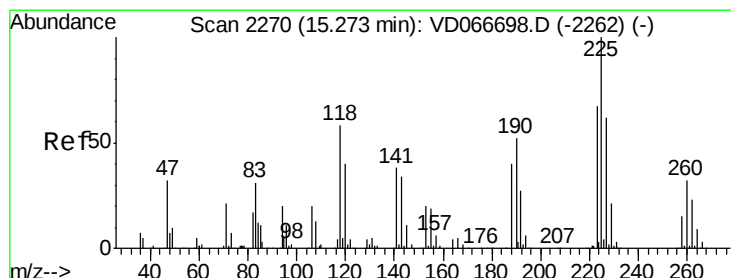
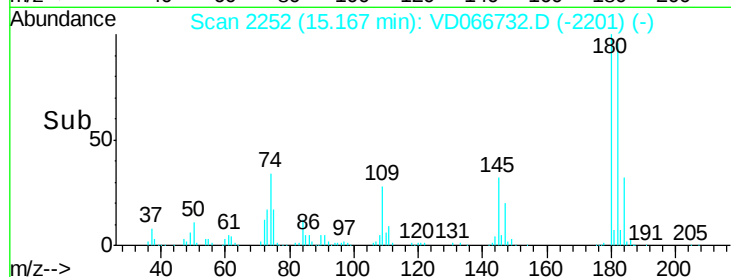
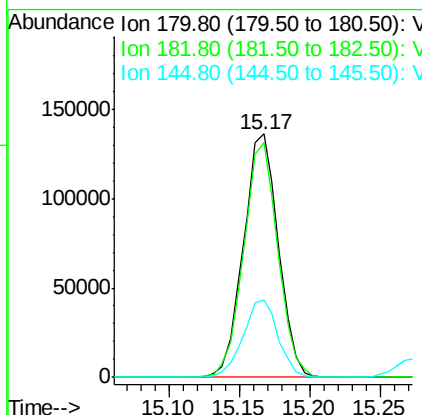
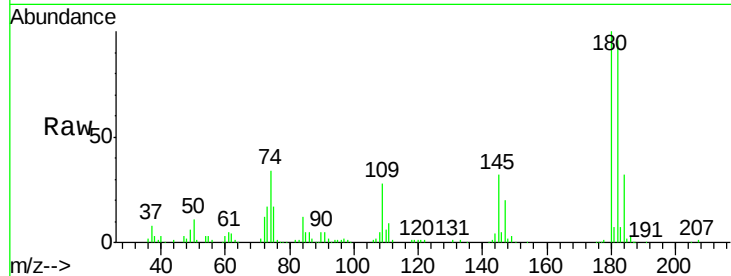
#93
 1,2,4-Trichlorobenzene
 Concen: 50.399 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	235983		
182	94.6	46.6	139.7	
145	32.0	16.5	49.5	

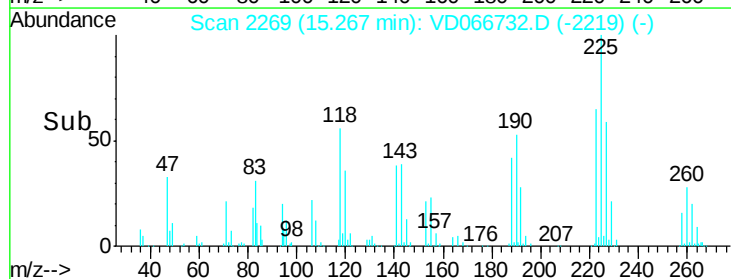
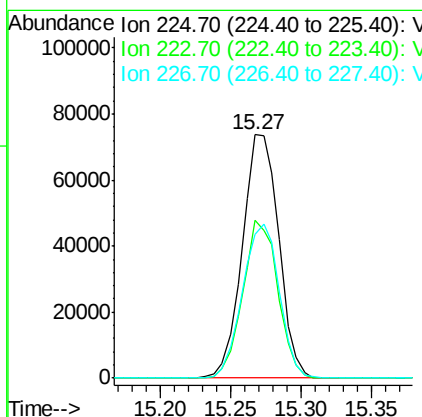
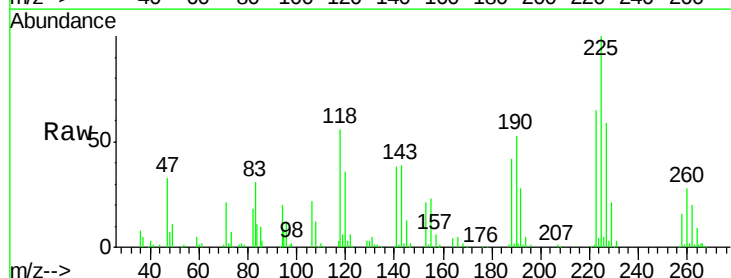
Manual Integrations
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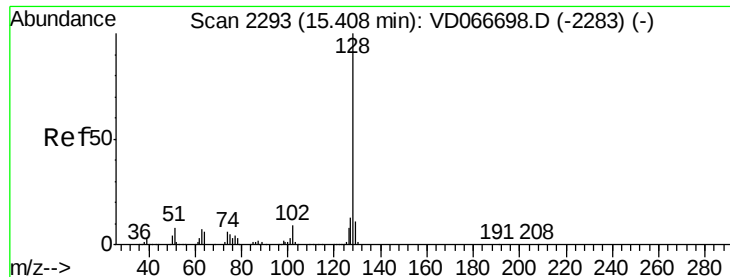
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#94
 Hexachlorobutadiene
 Concen: 47.281 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066732.D
 Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	133382		
223	62.4	31.9	95.9	
227	63.9	31.3	93.9	





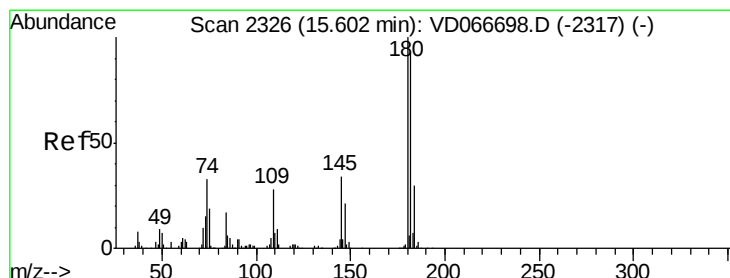
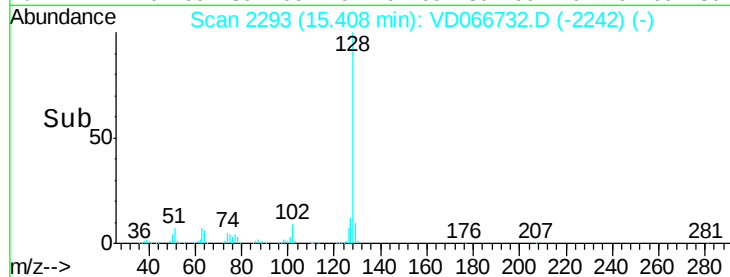
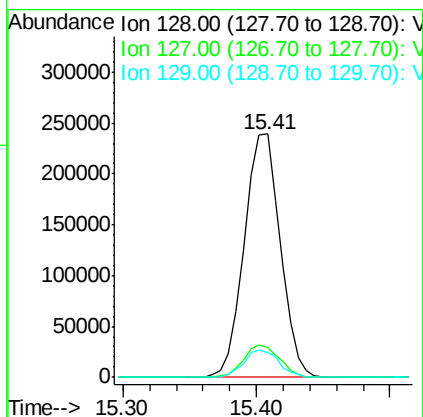
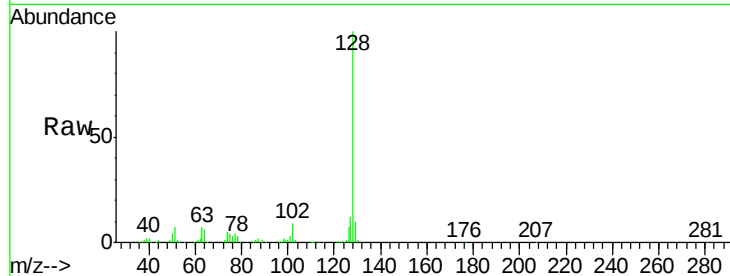
#95
Naphthalene
Concen: 54.491 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.9	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 51.449 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066732.D
Acq: 16 Sep 2020 21:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.6	139.8
145	35.1	17.1	51.3

