

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066596.D
 Acq On : 09 Sep 2020 22:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:46:59 AM

Quant Time: Sep 10 02:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	333446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	572959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	525865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	232176	57.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.10%	
35) Dibromofluoromethane	7.91	113	213599	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	
50) Toluene-d8	10.34	98	762860	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
62) 4-Bromofluorobenzene	12.63	95	256370	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	143688	52.371	ug/l	97
3) Chloromethane	2.21	50	202684	48.065	ug/l	98
4) Vinyl Chloride	2.35	62	229497	49.069	ug/l	100
5) Bromomethane	2.77	94	168491	57.682	ug/l #	77
6) Chloroethane	2.92	64	154767	52.098	ug/l	97
7) Trichlorofluoromethane	3.27	101	338390	48.976	ug/l	97
8) Diethyl Ether	3.70	74	91629	52.665	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	184317	49.291	ug/l	98
10) Methyl Iodide	4.30	142	172694	50.580	ug/l	99
11) Tert butyl alcohol	5.21	59	66104	264.616	ug/l	97
12) 1,1-Dichloroethene	4.07	96	171230	50.969	ug/l	91
13) Acrolein	3.92	56	47935	290.587	ug/l	92
14) Allyl chloride	4.71	41	296541	53.860	ug/l	98
15) Acrylonitrile	5.41	53	217024	290.373	ug/l	99
16) Acetone	4.16	43	177399	238.981	ug/l	96
17) Carbon Disulfide	4.41	76	535355	48.474	ug/l	98
18) Methyl Acetate	4.72	43	102737	58.059	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	459100	58.275	ug/l	96
20) Methylene Chloride	4.96	84	223717	56.110	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	208522	52.269	ug/l	99
22) Diisopropyl ether	6.36	45	653337	57.704	ug/l	99
23) Vinyl Acetate	6.30	43	1919497	297.913	ug/l	97
24) 1,1-Dichloroethane	6.26	63	379077	53.241	ug/l	97
25) 2-Butanone	7.21	43	274810	275.782	ug/l	98
26) 2,2-Dichloropropane	7.20	77	310029	47.470	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	230812	53.801	ug/l	98
28) Bromochloromethane	7.54	49	159689	58.256	ug/l	99
29) Tetrahydrofuran	7.56	42	183949	296.407	ug/l	99
30) Chloroform	7.71	83	404413	53.689	ug/l	99
31) Cyclohexane	7.98	56	316243	48.049	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	362100	51.129	ug/l	100
36) 1,1-Dichloropropene	8.11	75	294965	49.468	ug/l	99
37) Ethyl Acetate	7.28	43	129277	54.447	ug/l	95
38) Carbon Tetrachloride	8.09	117	321474	51.007	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	335677	50.415	ug/l	99
40) Benzene	8.34	78	831810	50.935	ug/l	99
41) Methacrylonitrile	7.52	41	61282m	53.320	ug/l	
42) 1,2-Dichloroethane	8.42	62	277555	52.456	ug/l	100
43) Isopropyl Acetate	8.45	43	251795	55.337	ug/l	99
44) Trichloroethene	9.11	130	217978	50.885	ug/l	98
45) 1,2-Dichloropropane	9.38	63	217586	52.981	ug/l	97
46) Dibromomethane	9.47	93	119663	52.813	ug/l	98
47) Bromodichloromethane	9.66	83	321182	52.394	ug/l	94
48) Methyl methacrylate	9.45	41	120790	52.498	ug/l	94
49) 1,4-Dioxane	9.45	88	25869	1040.687	ug/l #	91
51) 4-Methyl-2-Pentanone	10.23	43	667709	290.968	ug/l	98
52) Toluene	10.40	92	543952	52.620	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	291477	53.862	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	343378	52.838	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	157020	53.898	ug/l	96
56) Ethyl methacrylate	10.66	69	199149	58.711	ug/l	99
57) 1,3-Dichloropropane	10.94	76	273492	53.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	434439	280.013	ug/l	99
59) 2-Hexanone	10.98	43	446332	289.225	ug/l	100
60) Dibromochloromethane	11.14	129	207300	53.811	ug/l	99
61) 1,2-Dibromoethane	11.24	107	150585	53.130	ug/l	97
64) Tetrachloroethene	10.87	164	177347	50.089	ug/l	98
65) Chlorobenzene	11.67	112	554815	51.119	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	216288	52.215	ug/l	99
67) Ethyl Benzene	11.74	91	1039322	52.151	ug/l	100
68) m/p-Xylenes	11.85	106	772151	104.349	ug/l	97
69) o-Xylene	12.18	106	347340	52.377	ug/l	94
70) Styrene	12.20	104	628061	54.476	ug/l	98
71) Bromoform	12.36	173	110571	52.967	ug/l #	99
73) Isopropylbenzene	12.48	105	967193	54.002	ug/l	100
74) N-amyl acetate	12.29	43	229164	56.494	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	175266	55.391	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	134122m	57.651	ug/l	
77) Bromobenzene	12.76	156	216328	54.177	ug/l	99
78) n-propylbenzene	12.82	91	1171134	53.940	ug/l	100
79) 2-Chlorotoluene	12.91	91	661751	54.330	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	824099	54.668	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	53874	54.064	ug/l	95
82) 4-Chlorotoluene	13.01	91	693402	53.236	ug/l	99
83) tert-Butylbenzene	13.23	119	684509	55.606	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	820133	54.645	ug/l	98
85) sec-Butylbenzene	13.40	105	949667	53.546	ug/l	99
86) p-Isopropyltoluene	13.51	119	877298	54.958	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	419578	52.930	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	405587	50.976	ug/l	99
89) n-Butylbenzene	13.84	91	817350	52.543	ug/l	100
90) Hexachloroethane	14.11	117	181588	52.794	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	355072	51.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29617	55.101	ug/l	96

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VSTDCCC050

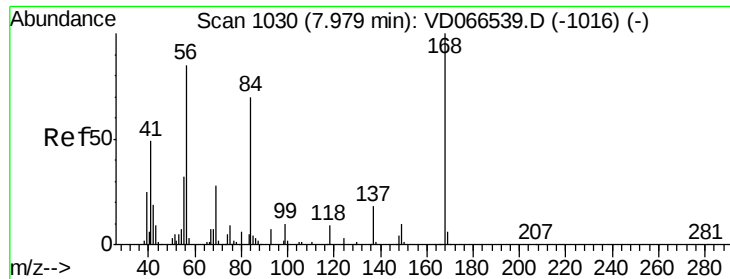
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	227070	54.606	ug/l	97
94) Hexachlorobutadiene	15.27	225	126495	50.635	ug/l	98
95) Naphthalene	15.41	128	448118	61.670	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	201040	56.707	ug/l	99

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



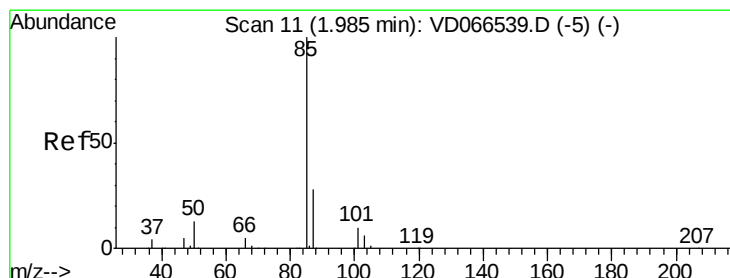
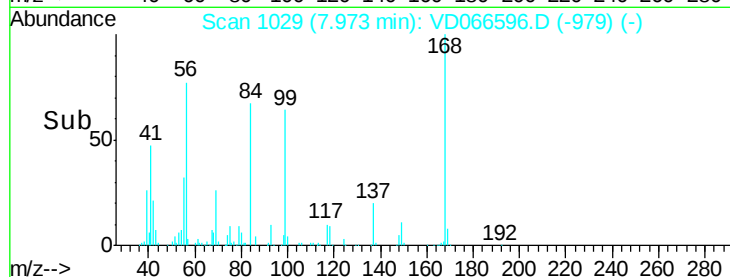
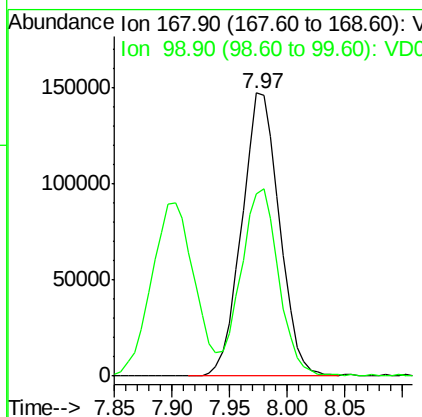
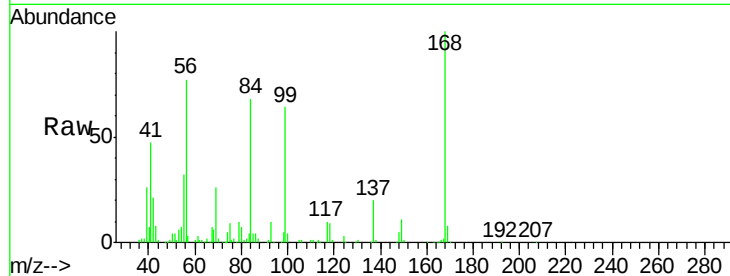
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 333446
Ion Ratio Lower Upper
168 100
99 63.8 50.5 75.7

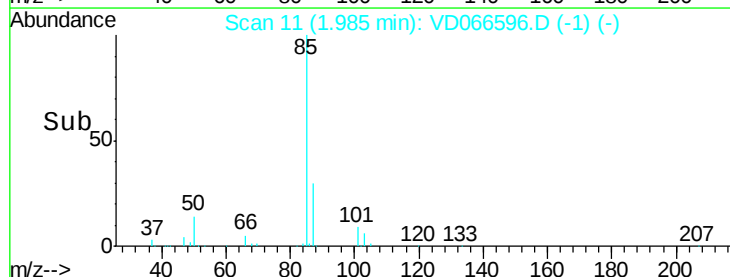
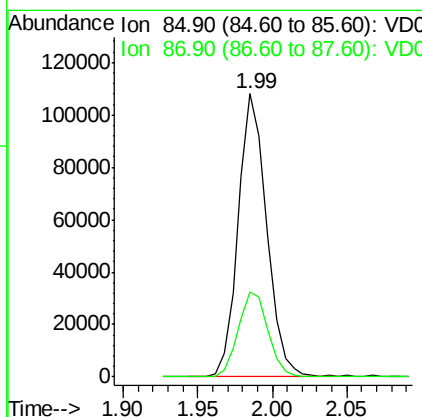
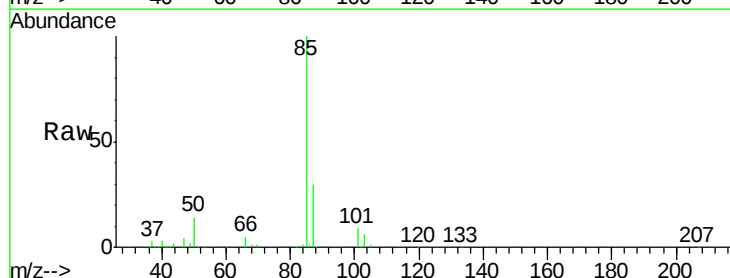
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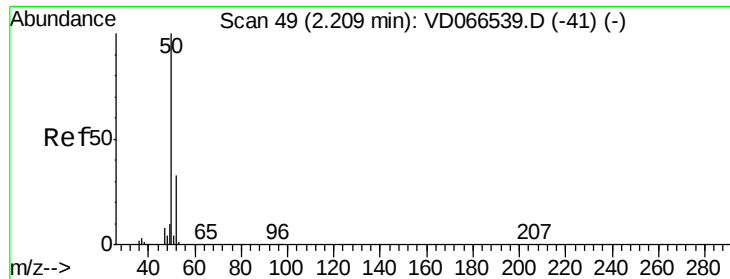
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#2
Dichlorodifluoromethane
Concen: 52.371 ug/l
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 85 Resp: 143688
Ion Ratio Lower Upper
85 100
87 29.8 14.2 42.6





#3

Chloromethane

Concen: 48.065 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 202684

Ion Ratio Lower Upper

50 100

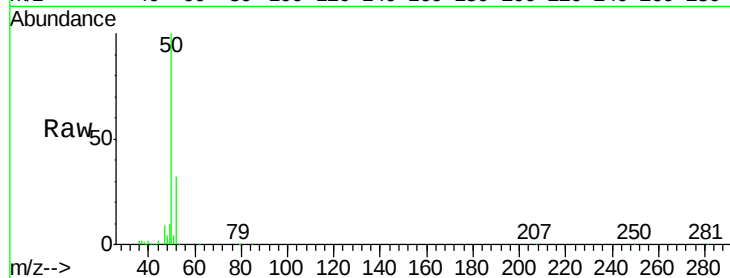
52 31.7 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

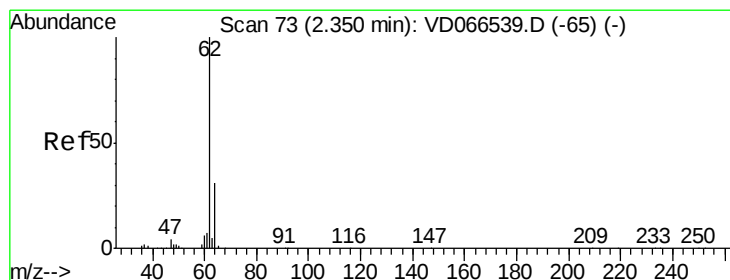
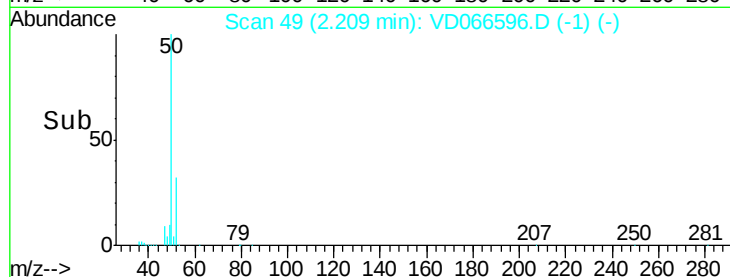
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.069 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066596.D

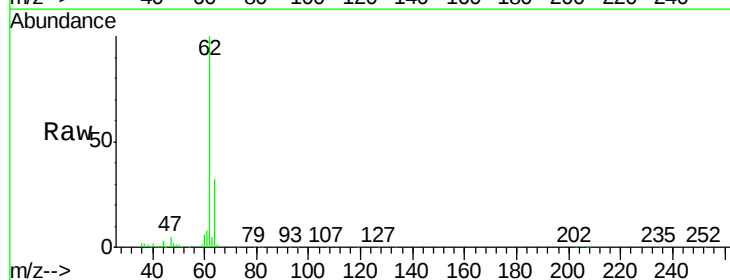
Acq: 09 Sep 2020 22:32

Tgt Ion: 62 Resp: 229497

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

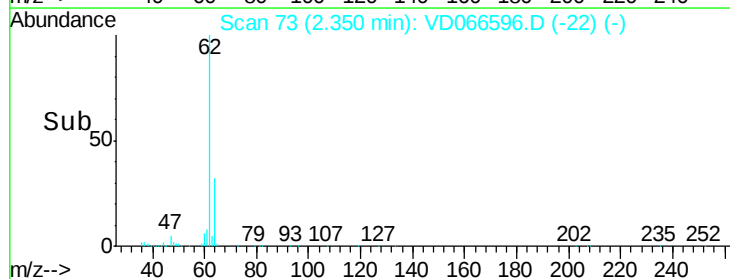
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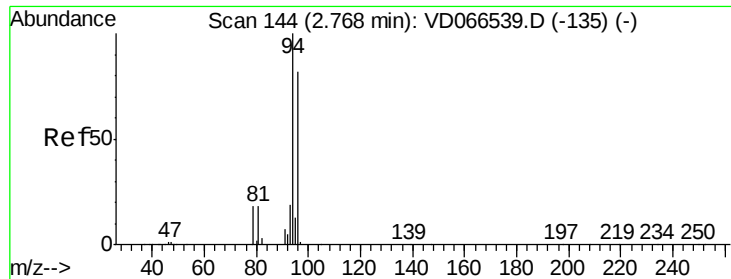
100000

50000

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Time-->





#5

Bromomethane

Concen: 57.682 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 168491

Ion Ratio Lower Upper

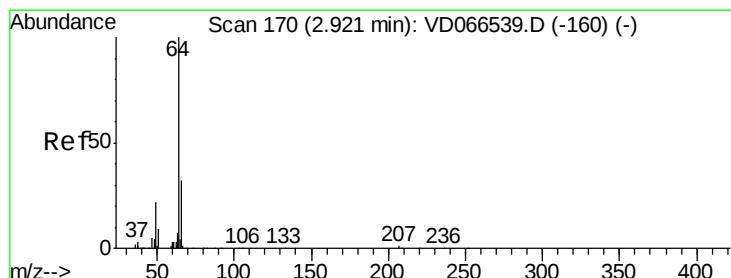
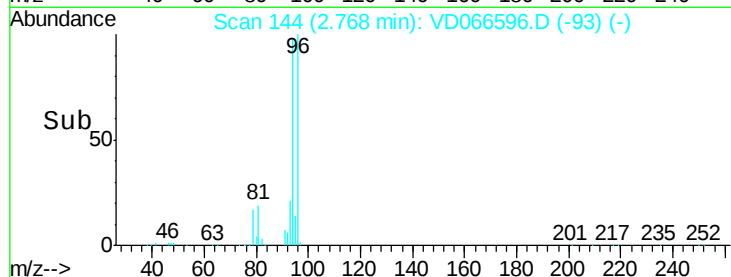
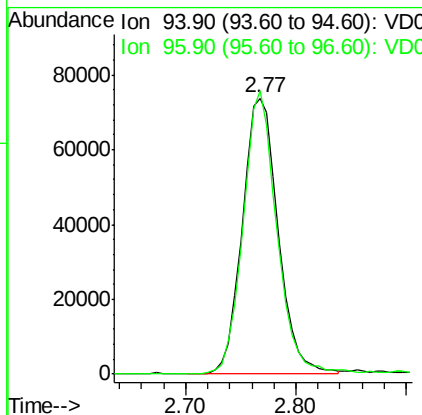
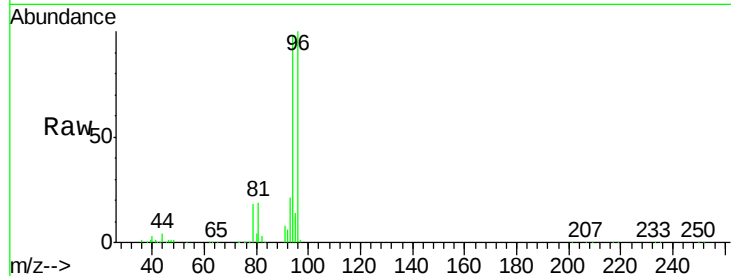
94 100

96 102.2 65.2 97.8#

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#6

Chloroethane

Concen: 52.098 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066596.D

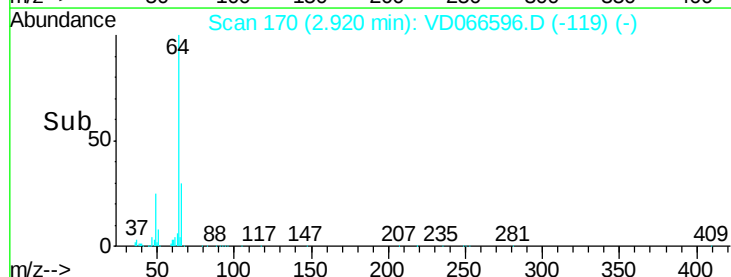
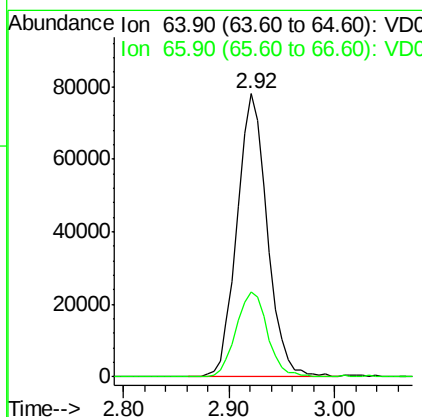
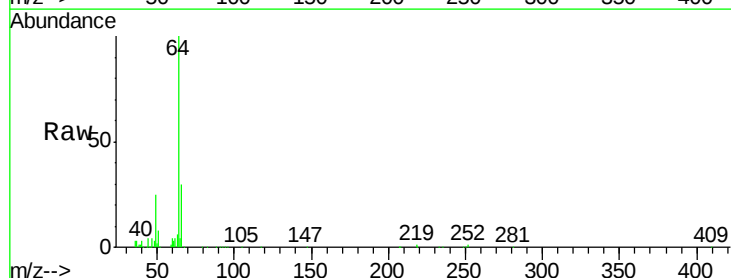
Acq: 09 Sep 2020 22:32

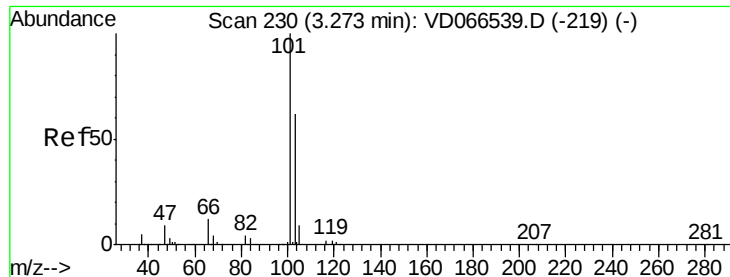
Tgt Ion: 64 Resp: 154767

Ion Ratio Lower Upper

64 100

66 30.0 25.4 38.0





#7

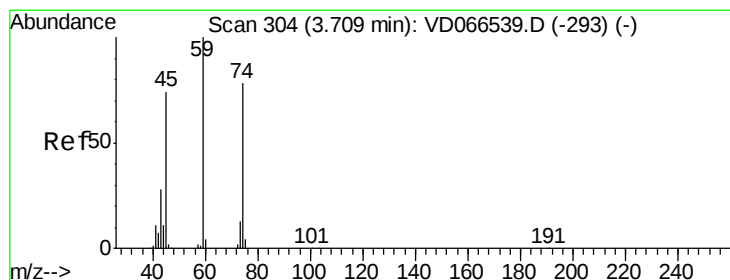
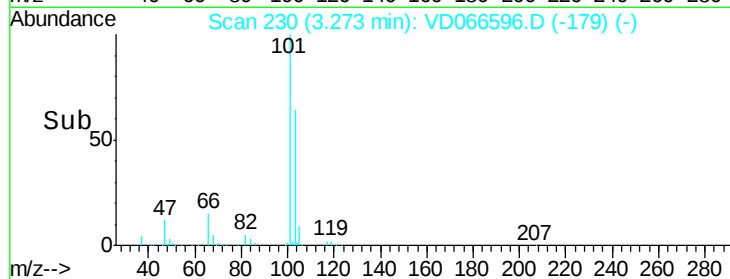
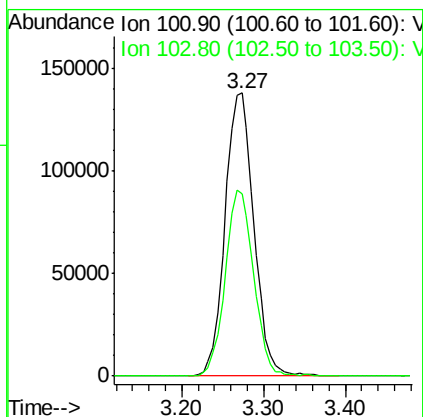
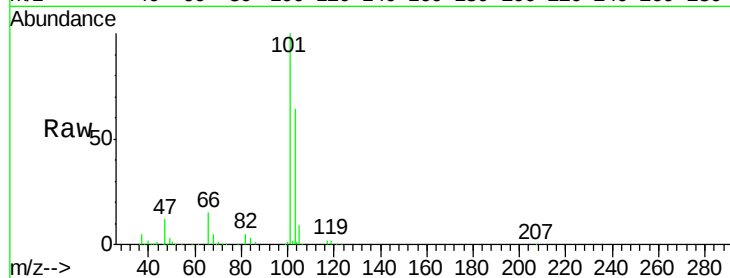
Trichlorofluoromethane
Concen: 48.976 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	49.7	74.5

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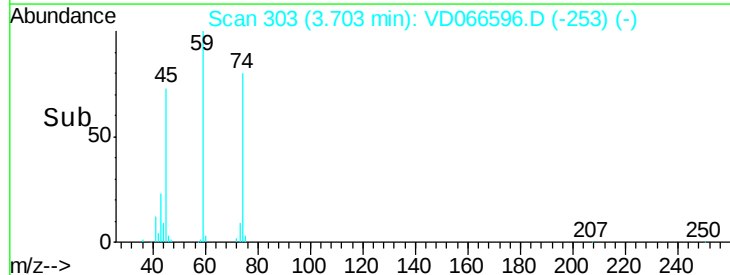
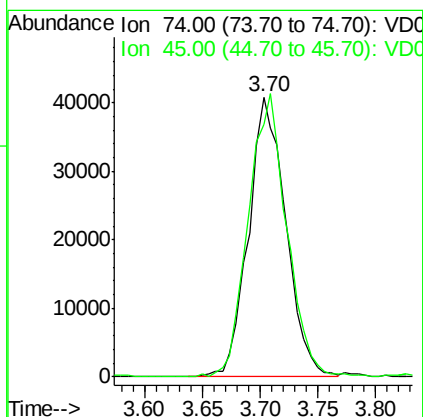
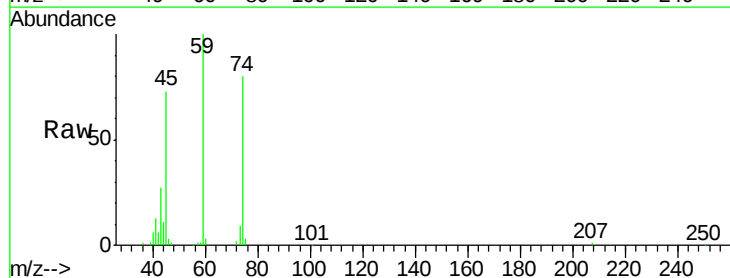
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9/10/2020 10:46:59 AM

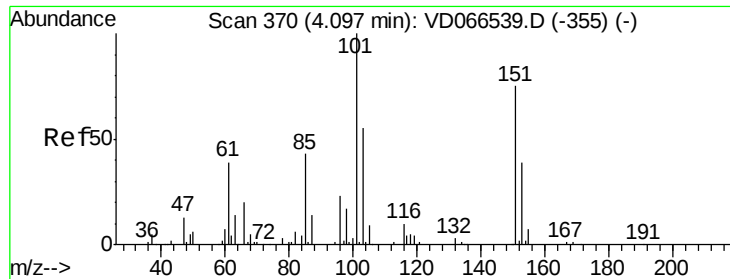


#8

Diethyl Ether
Concen: 52.665 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.8	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.291 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

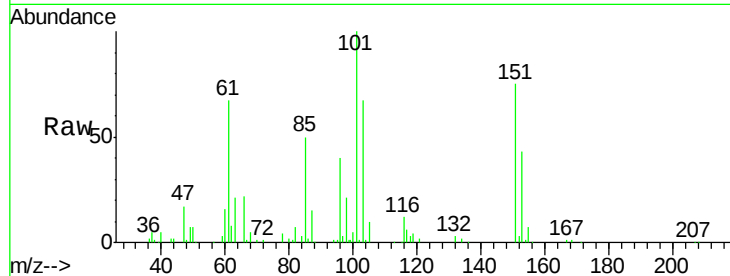
ClientSampleId :

VSTDCCC050

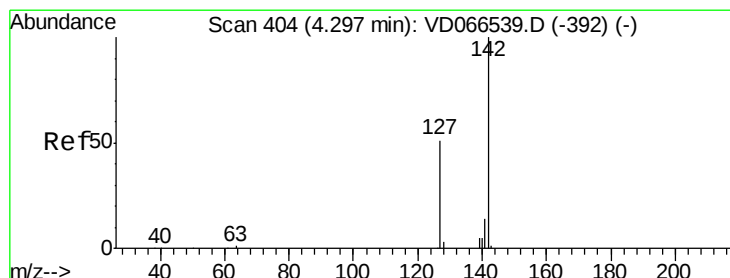
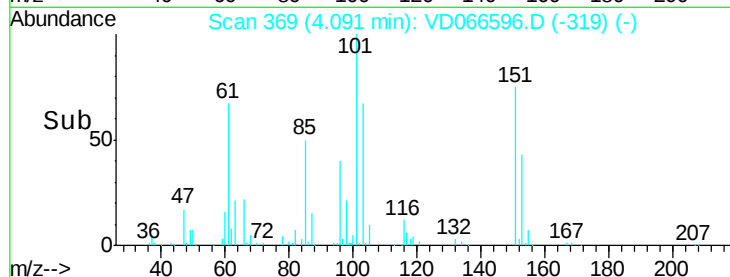
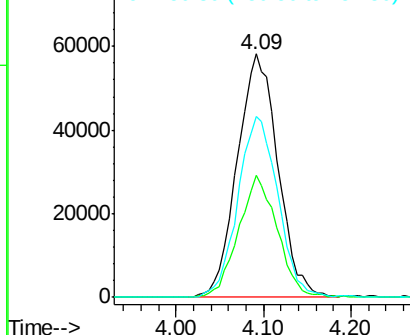
Tot Ion:	101	Resp:	184317
Ion Ratio	Lower	Upper	
101	100		
85	47.9	37.0	55.6
151	73.2	59.4	89.2

Manual Integrations
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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: 50.580 ug/l

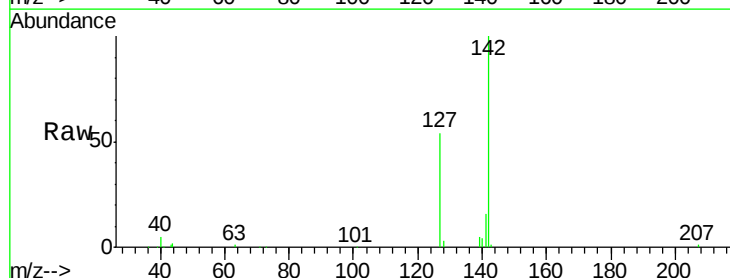
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

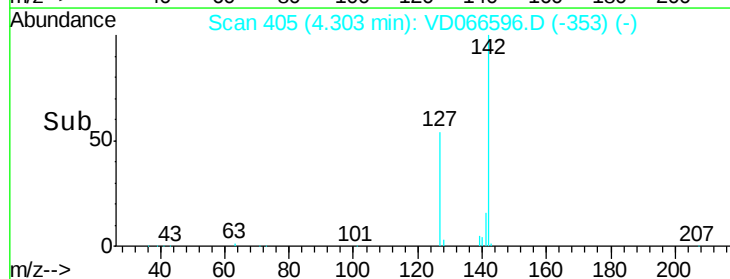
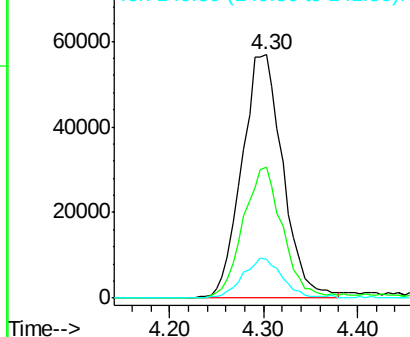
Lab File: VD066596.D

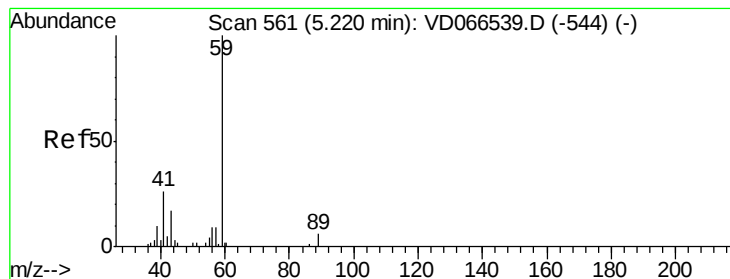
Acq: 09 Sep 2020 22:32

Tgt Ion:	142	Resp:	172694
Ion Ratio	Lower	Upper	
142	100		
127	52.0	40.6	61.0
141	15.4	12.2	18.4



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

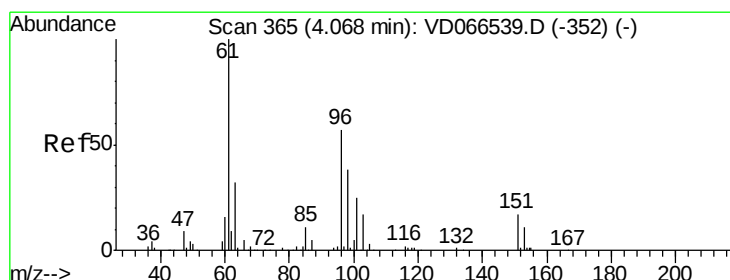
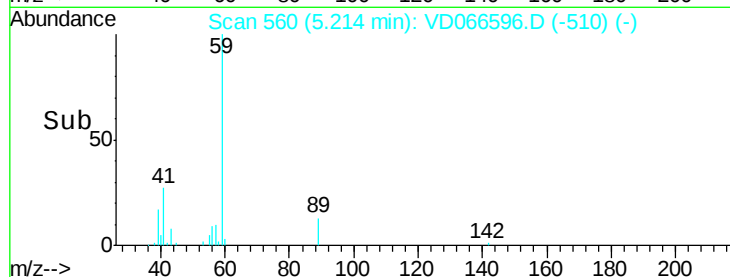
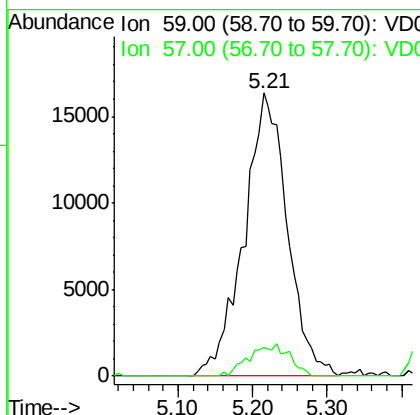
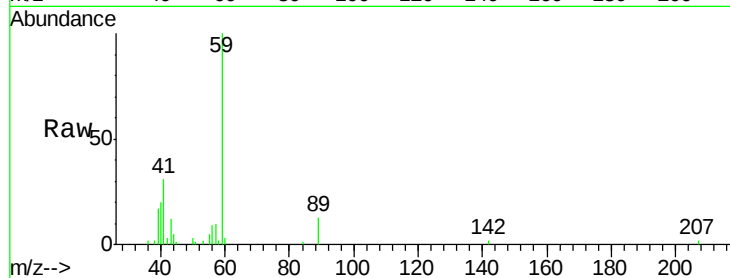
Tert butyl alcohol
 Concen: 264.616 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.6	11.4

Manual Integrations
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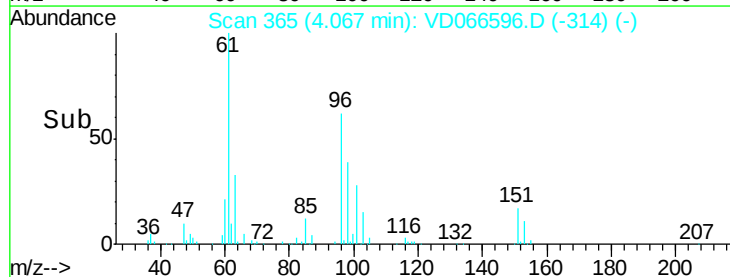
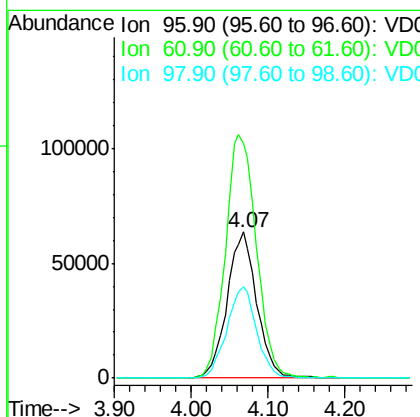
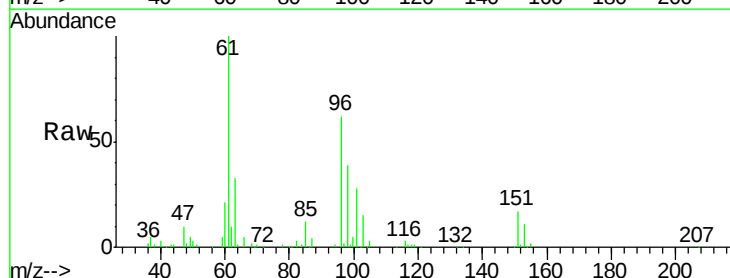
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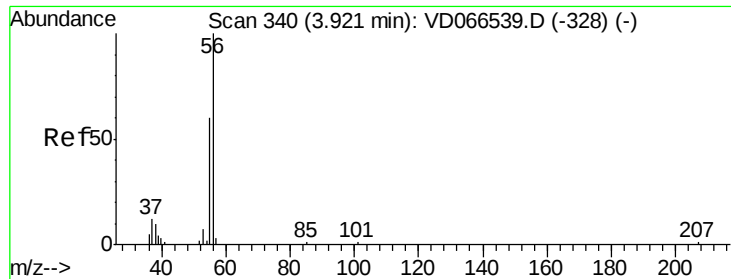


#12

1,1-Dichloroethene
 Concen: 50.969 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	140.9	211.3
98	62.8	53.2	79.8





#13

Acrolein

Concen: 290.587 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 47935

Ion Ratio Lower Upper

56 100

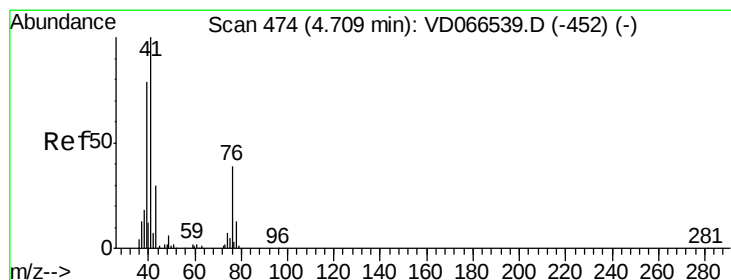
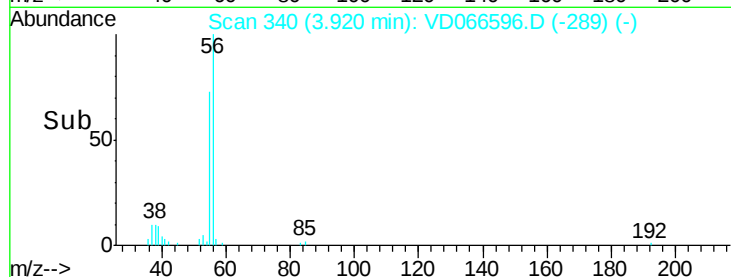
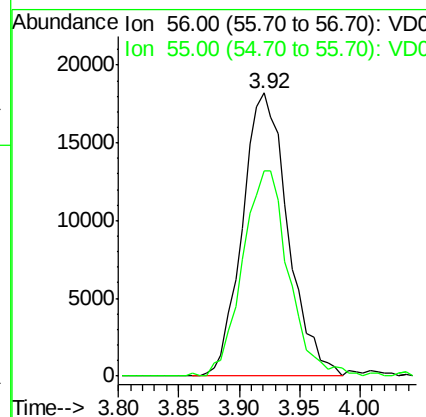
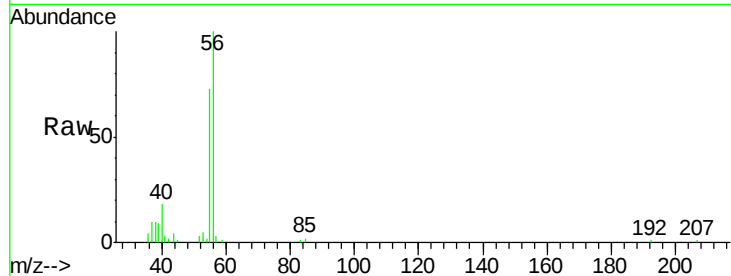
55 73.3 53.6 80.4

Manual Integrations

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#14

Allyl chloride

Concen: 53.860 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

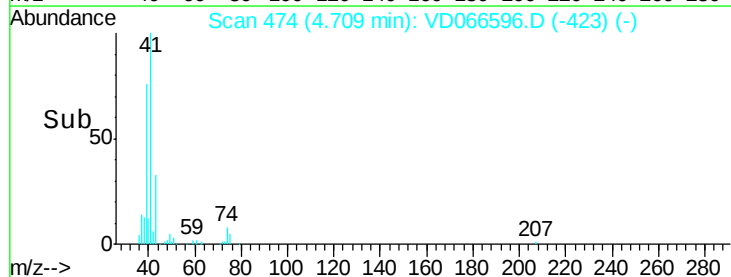
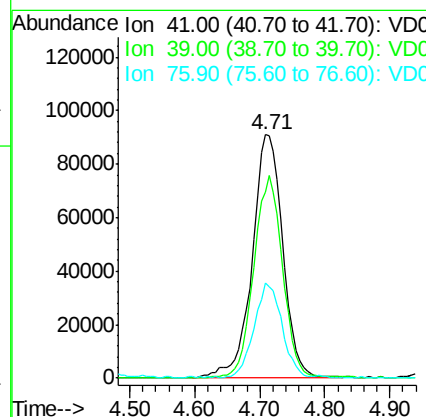
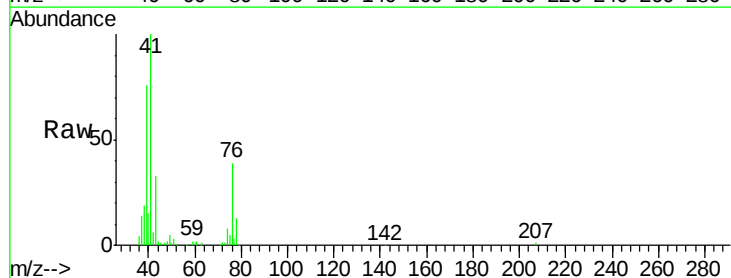
Tgt Ion: 41 Resp: 296541

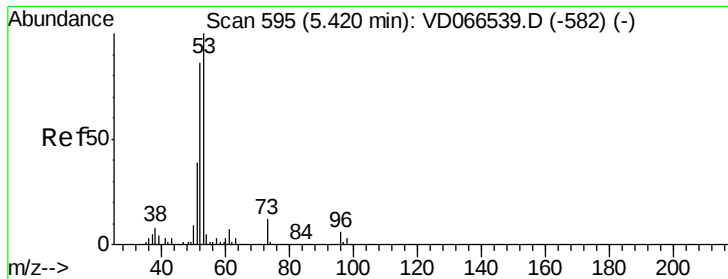
Ion Ratio Lower Upper

41 100

39 78.4 61.9 92.9

76 34.8 29.0 43.6





#15

Acrylonitrile

Concen: 290.373 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

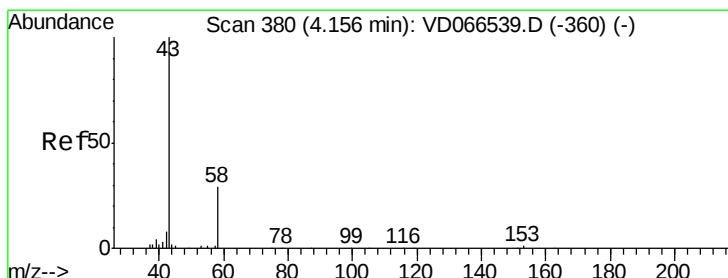
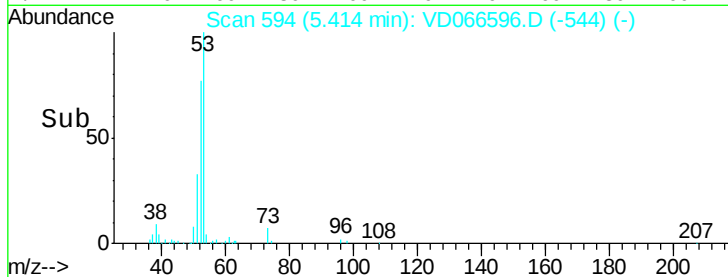
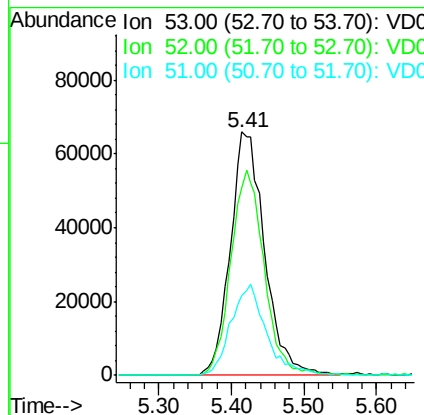
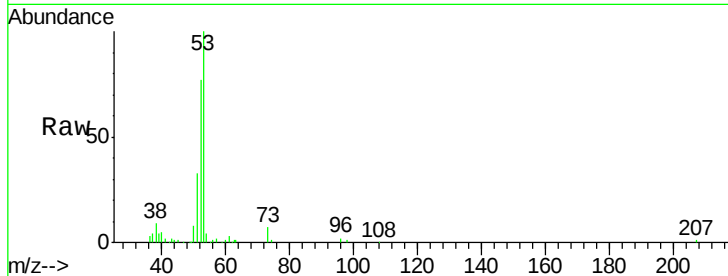
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	217024
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.4	98.2
51	38.4	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 238.981 ug/l

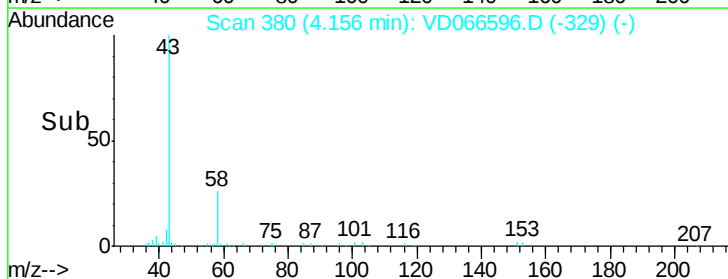
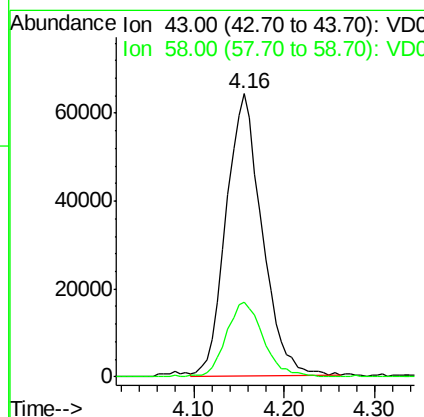
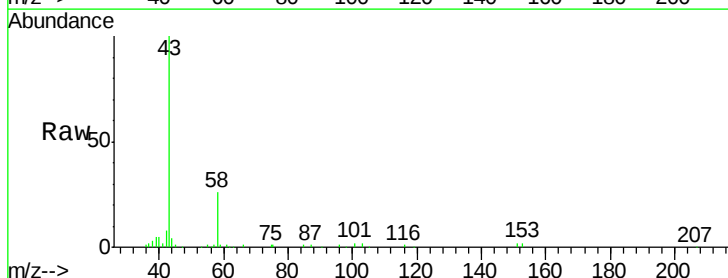
RT: 4.16 min Scan# 380

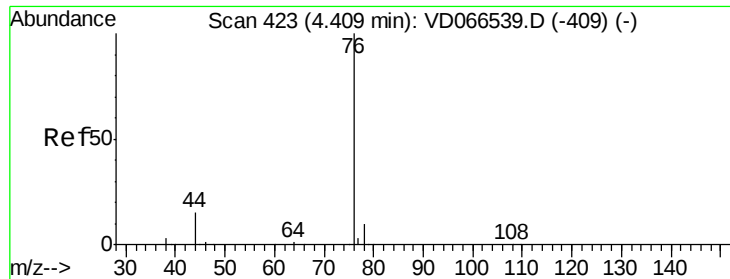
Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Tgt Ion:	43	Resp:	177399
Ion Ratio	Lower	Upper	
43	100		
58	26.4	22.9	34.3





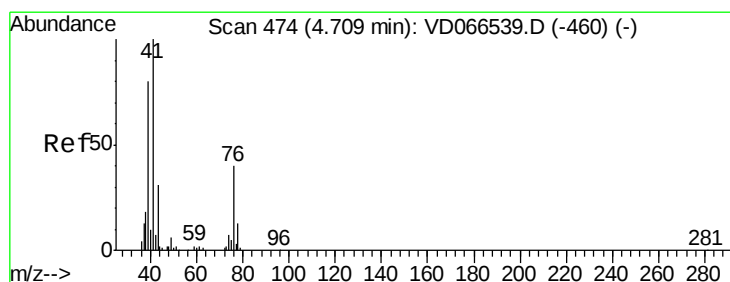
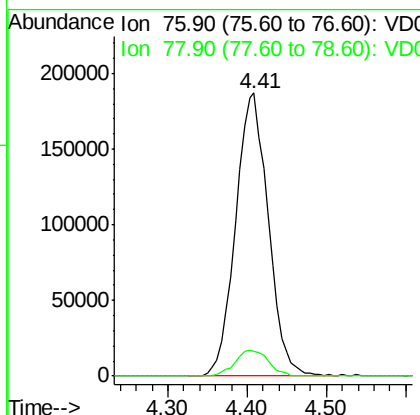
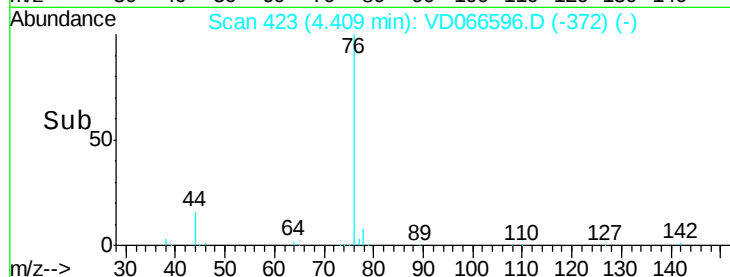
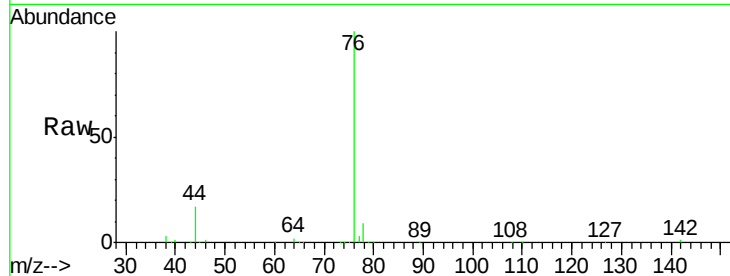
#17
Carbon Disulfide
Concen: 48.474 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.6	11.4

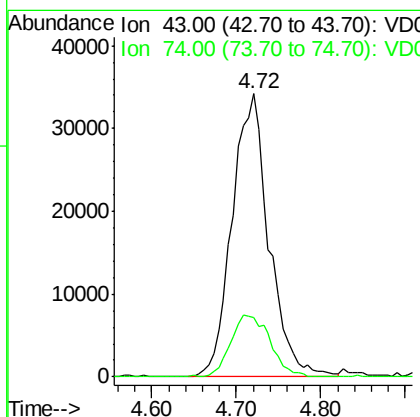
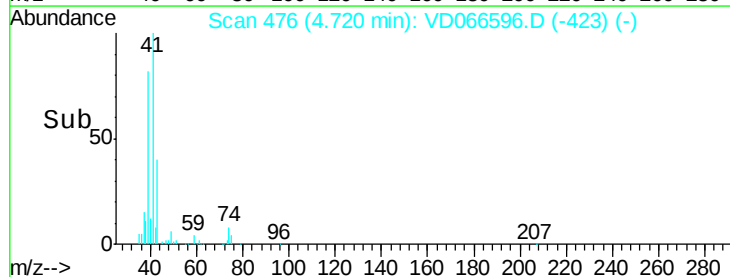
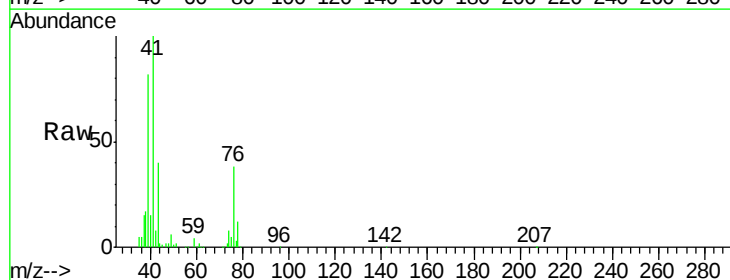
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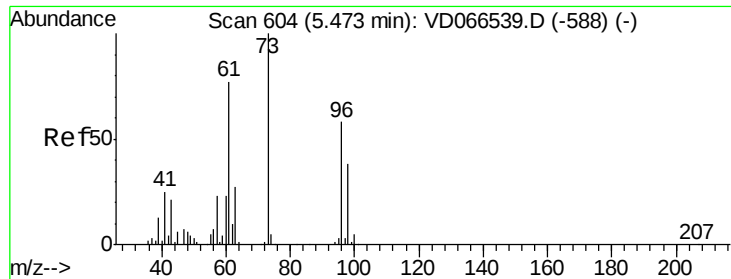
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#18
Methyl Acetate
Concen: 58.059 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.0	27.0





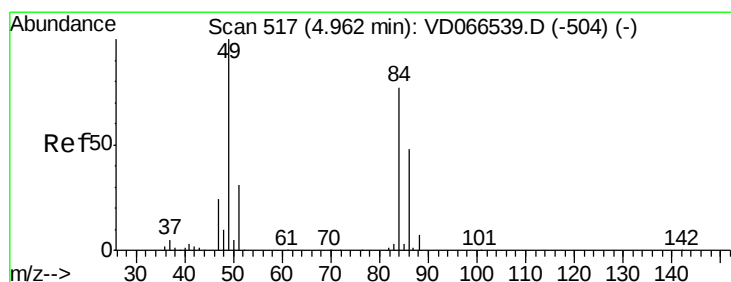
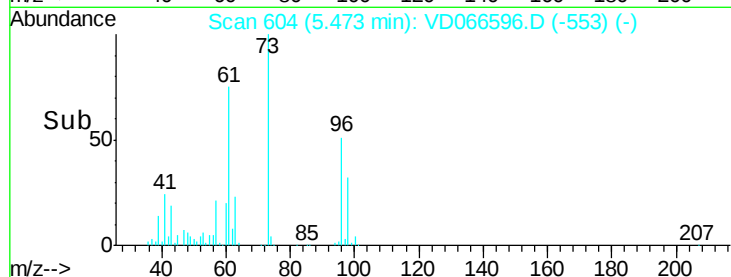
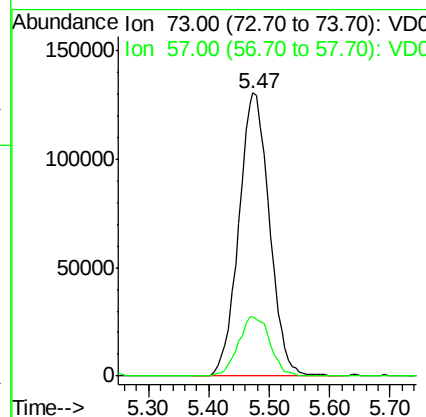
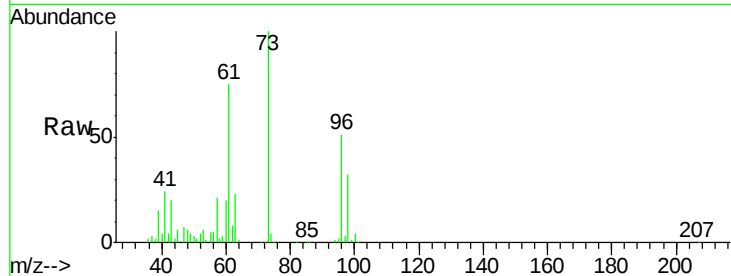
#19
Methvl tert-butvl Ether
Concen: 58.275 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 459100
Ion Ratio Lower Upper
73 100
57 20.8 18.3 27.5

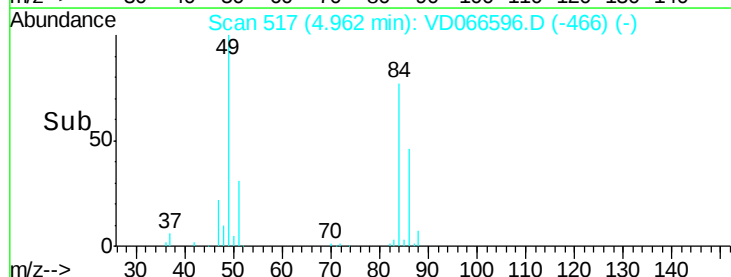
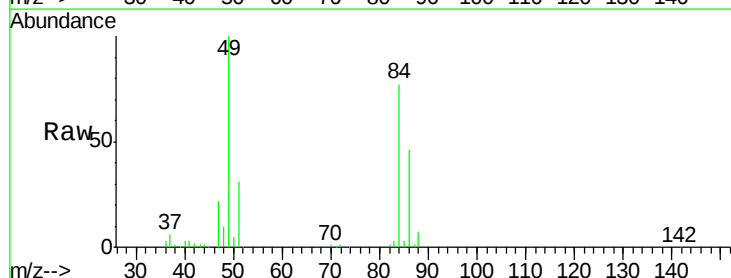
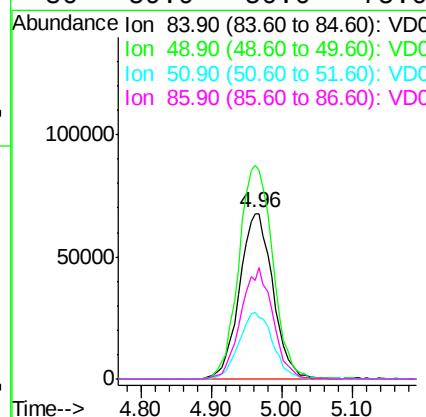
Manual Integrations
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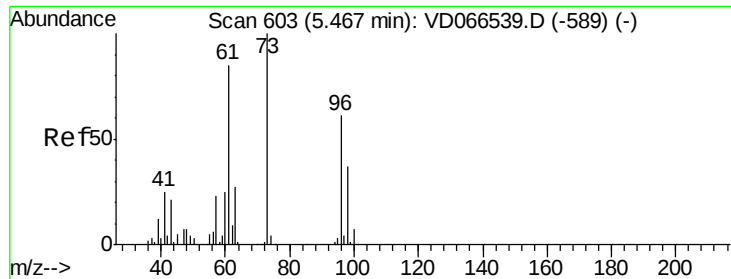
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#20
Methylene Chloride
Concen: 56.110 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 84 Resp: 223717
Ion Ratio Lower Upper
84 100
49 129.3 104.3 156.5
51 40.3 32.2 48.4
86 59.9 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 52.269 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 208522

Ion Ratio Lower Upper

96 100

61 141.5 112.1 168.1

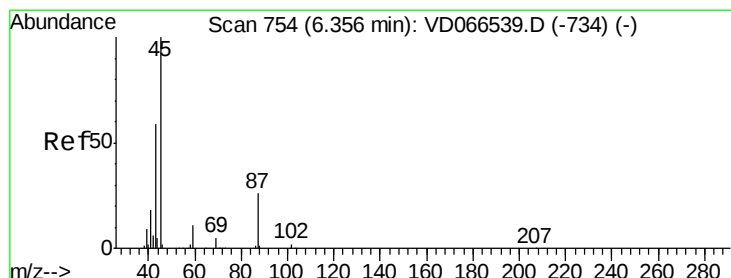
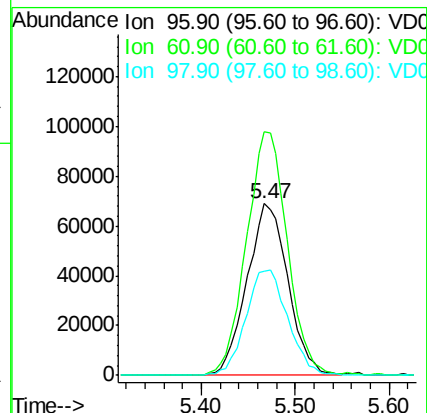
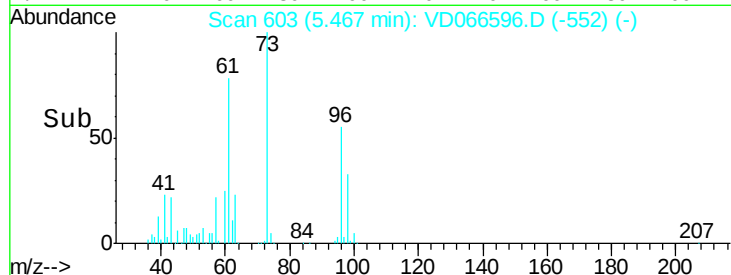
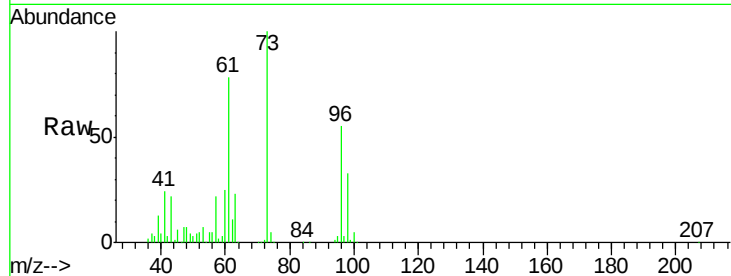
98 60.6 48.6 72.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 57.704 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Tgt Ion: 45 Resp: 653337

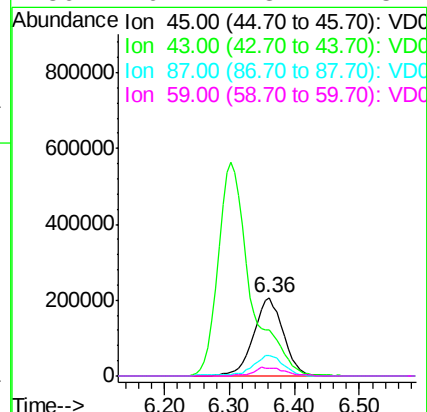
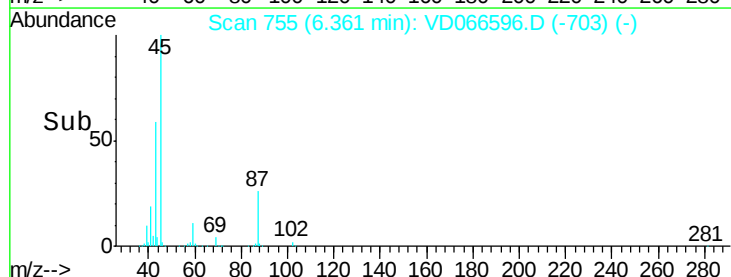
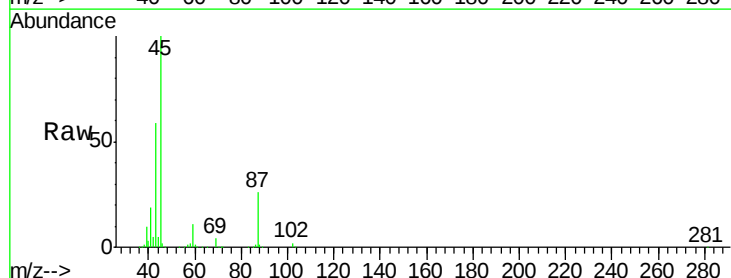
Ion Ratio Lower Upper

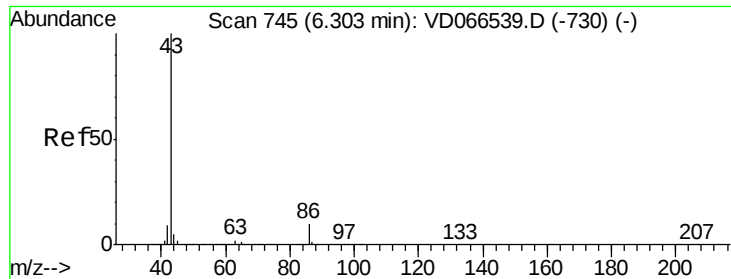
45 100

43 57.9 47.0 70.4

87 26.1 21.3 31.9

59 10.7 8.7 13.1





#23

Vinyl Acetate

Concen: 297.913 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1919497

Ion Ratio Lower Upper

43 100

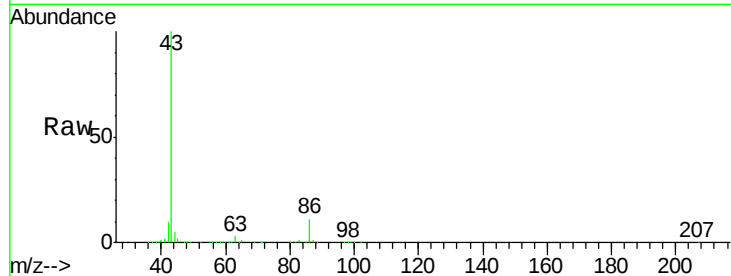
86 10.5 7.7 11.5

Manual Integrations

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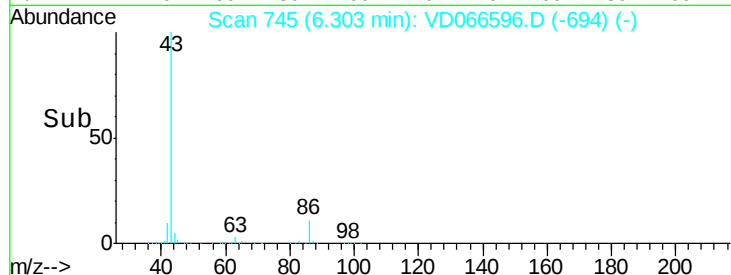
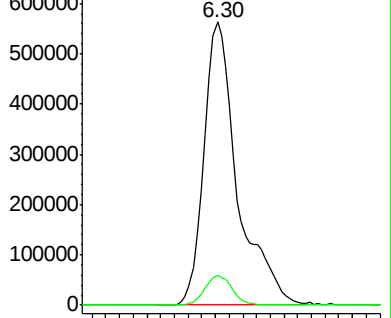
MMDadoda

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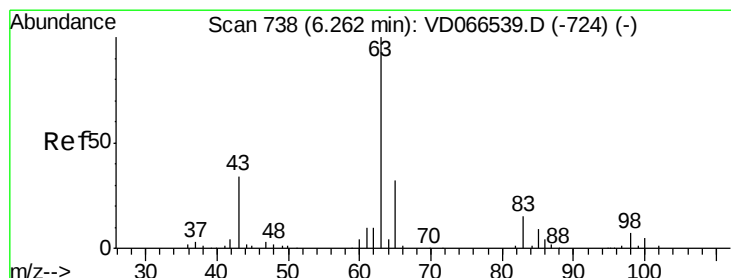


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 53.241 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

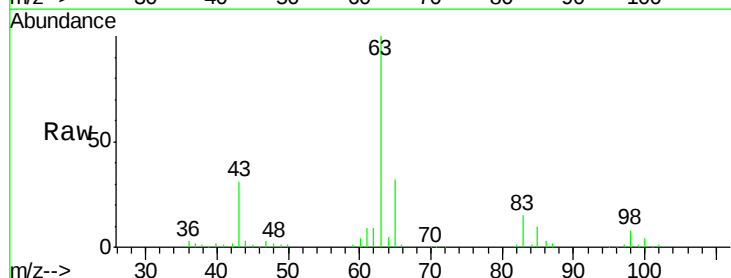
Tgt Ion: 63 Resp: 379077

Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.1

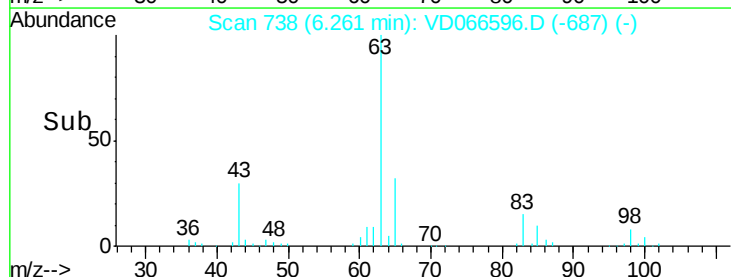
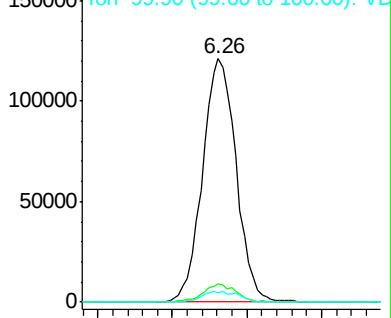
100 4.1 2.5 7.4



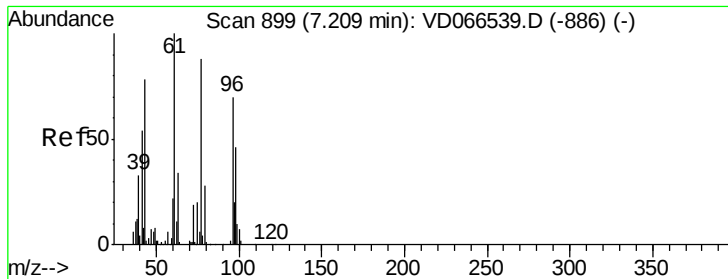
Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->



#25

2-Butanone

Concen: 275.782 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 274810

Ion Ratio Lower Upper

43 100

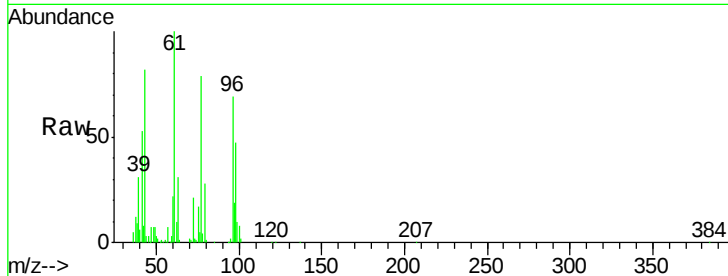
72 25.7 19.8 29.6

Manual Integrations

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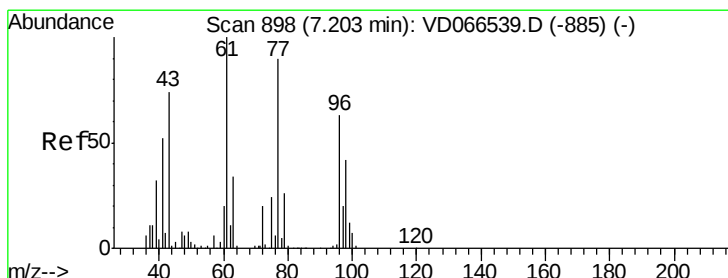
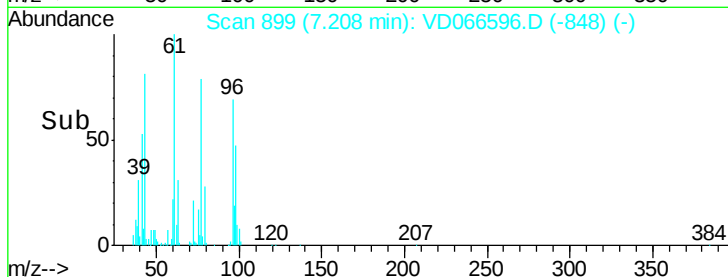
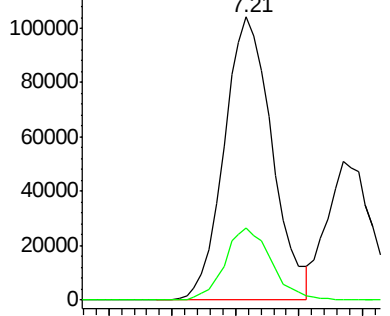
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 47.470 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066596.D

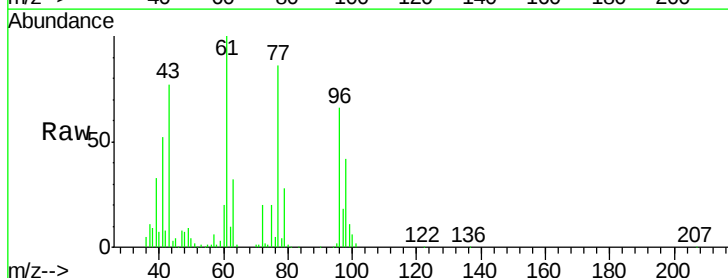
Acq: 09 Sep 2020 22:32

Tgt Ion: 77 Resp: 310029

Ion Ratio Lower Upper

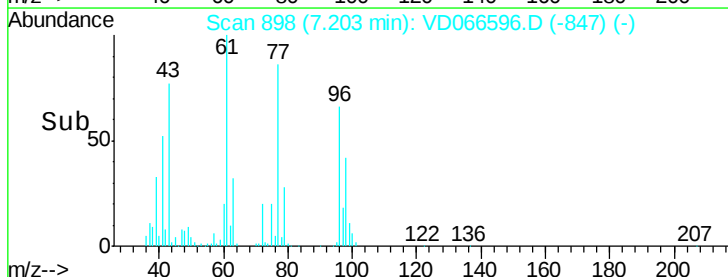
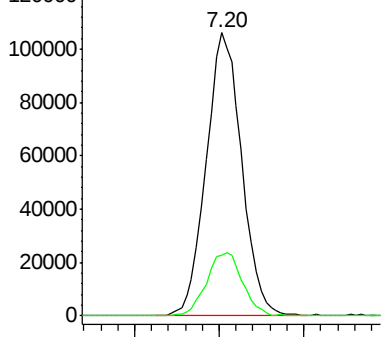
77 100

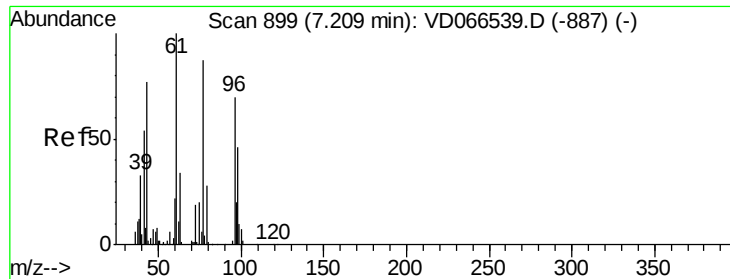
97 22.5 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





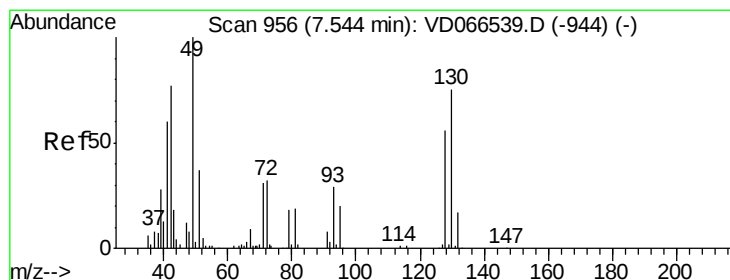
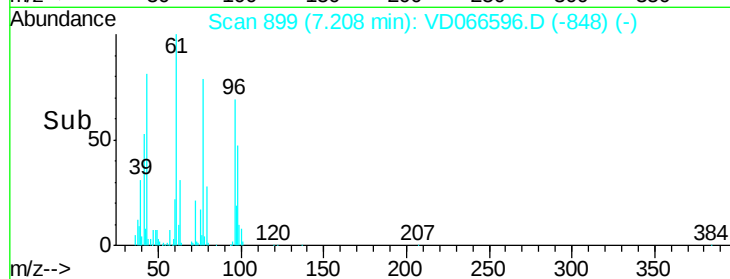
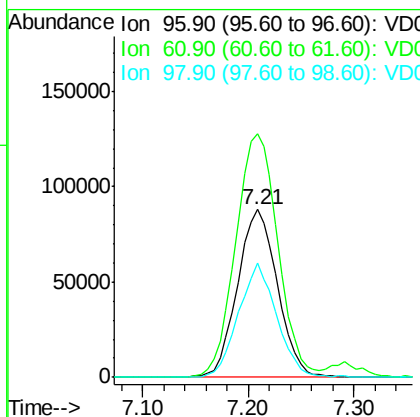
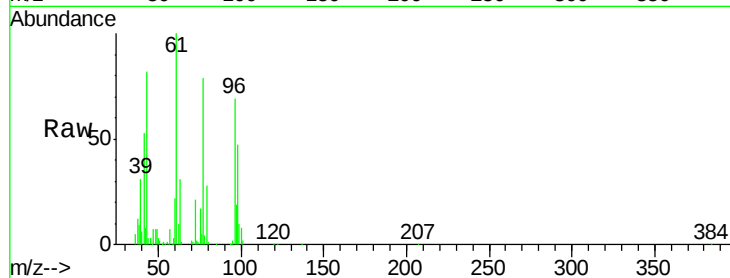
#27
 cis-1,2-Dichloroethene
 Concen: 53.801 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.4	0.0	301.0	
98	65.7	0.0	129.8	

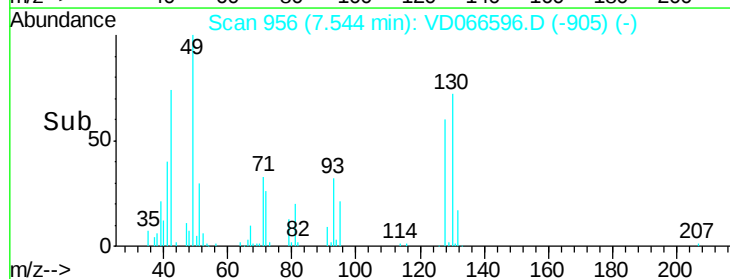
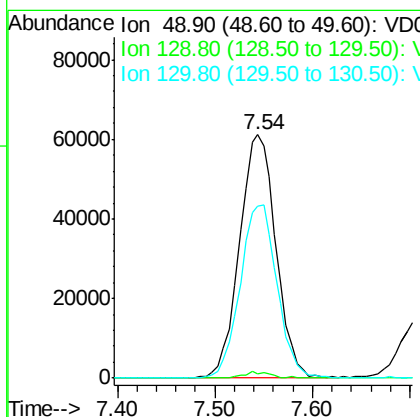
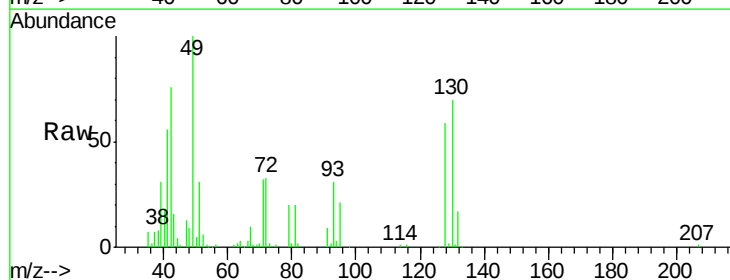
Manual Integrations
 APPROVED

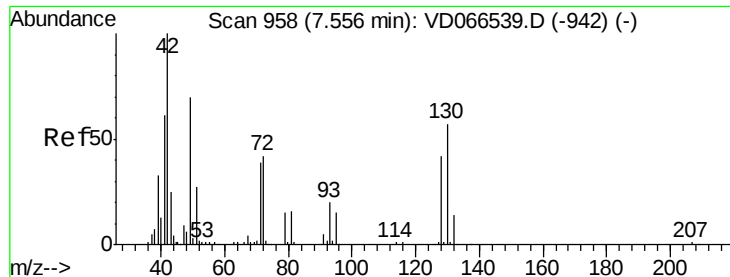
MMDadoda
 9/10/2020 10:46:59 AM



#28
 Bromochloromethane
 Concen: 58.256 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	2.6	
130	72.2	58.2	87.2	





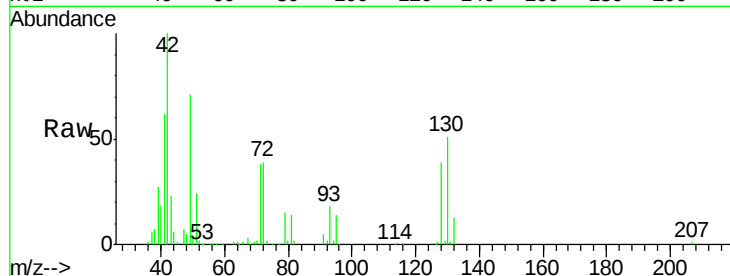
#29
Tetrahydrofuran
Concen: 296.407 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

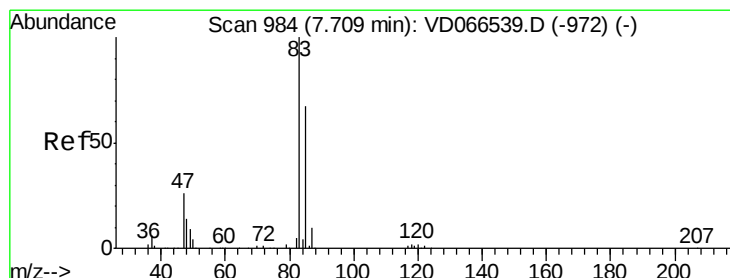
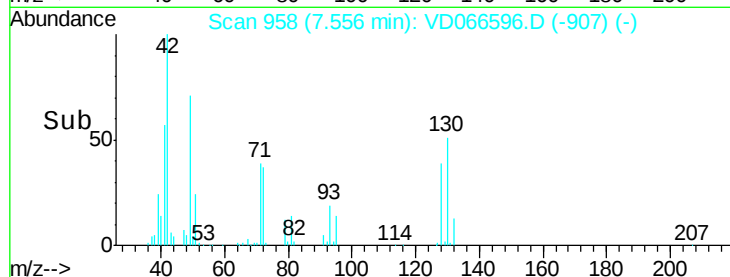
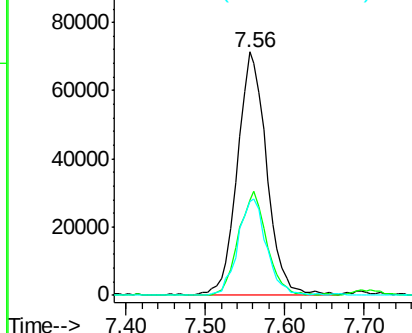
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.4	50.0
71	38.6	31.9	47.9

Manual Integrations
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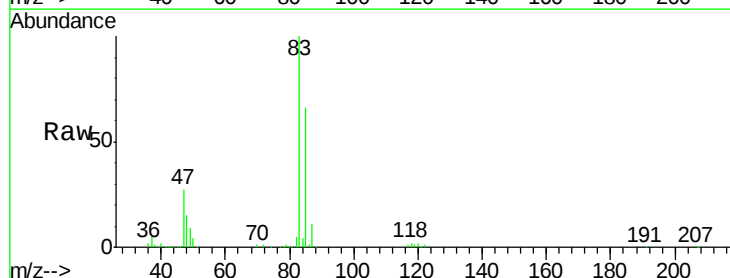


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

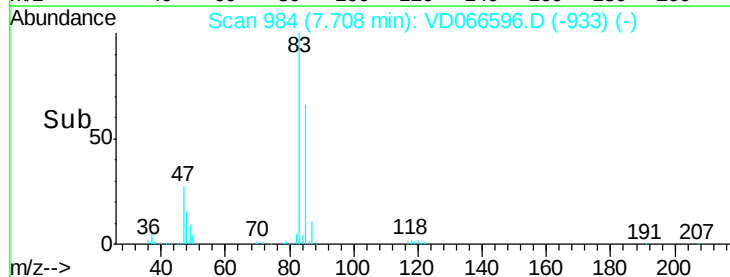
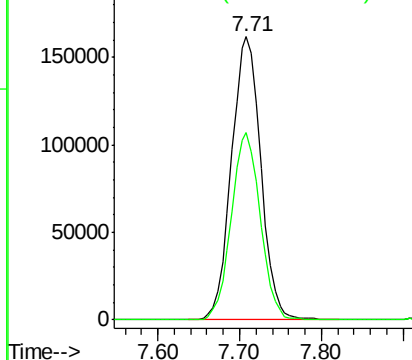


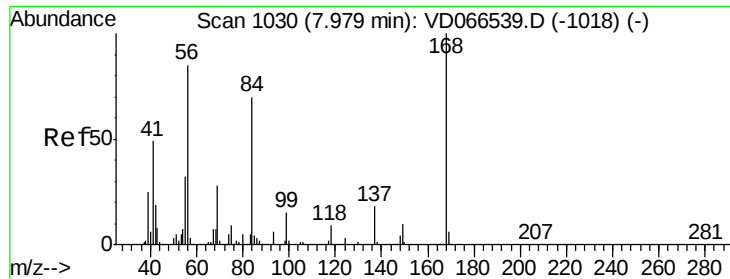
#30
Chloroform
Concen: 53.689 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.6	80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





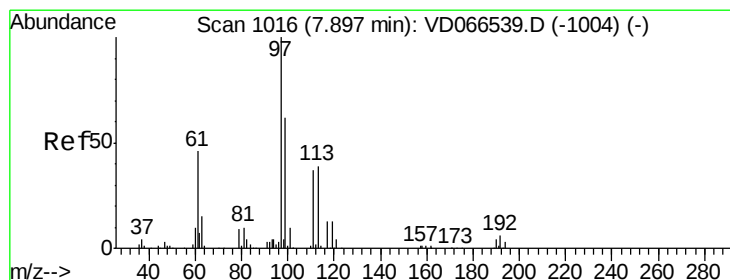
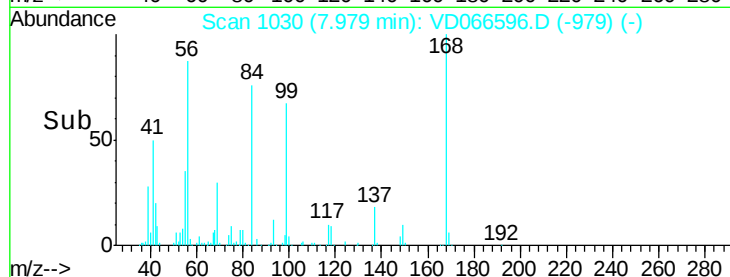
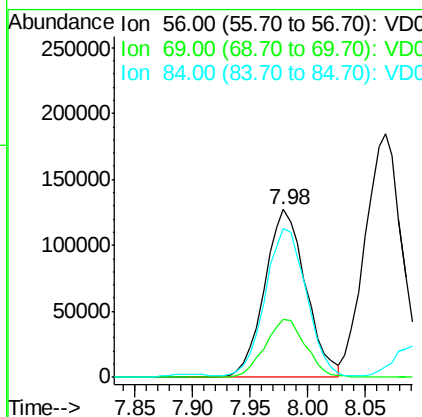
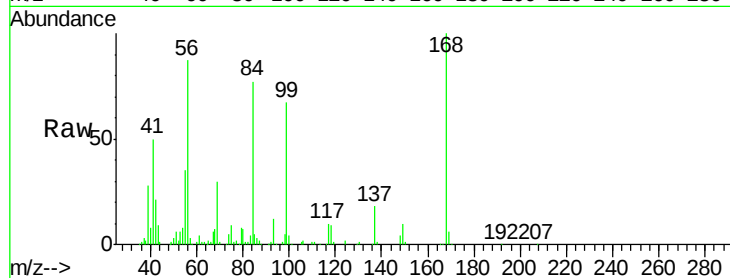
#31
Cyclohexane
Concen: 48.049 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.3	39.5
84	86.8	66.1	99.1

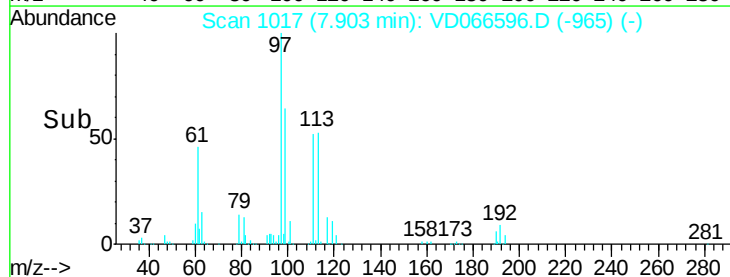
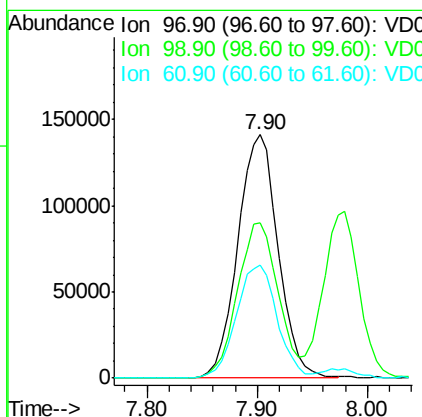
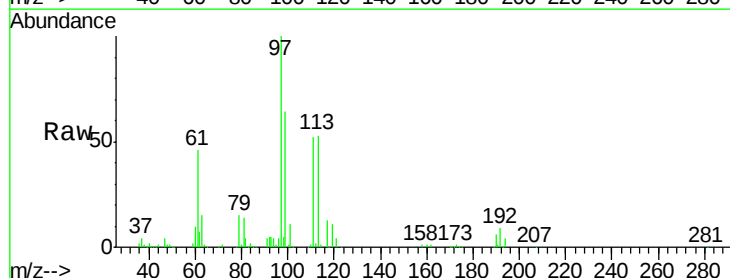
Manual Integrations
APPROVED

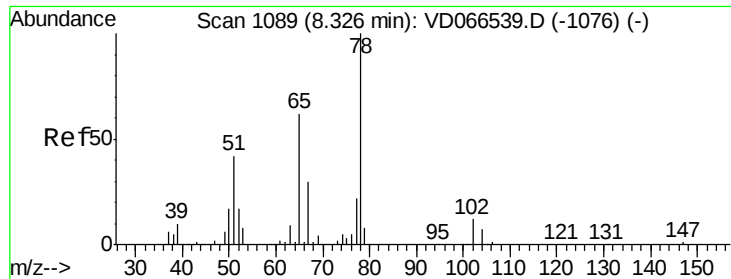
MMDadoda
9/10/2020 10:46:59 AM



#32
1,1,1-Trichloroethane
Concen: 51.129 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	47.0	37.4	56.0





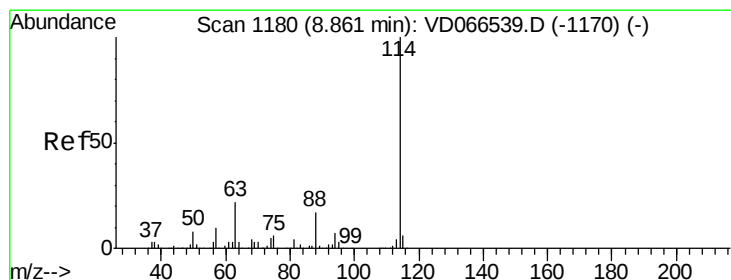
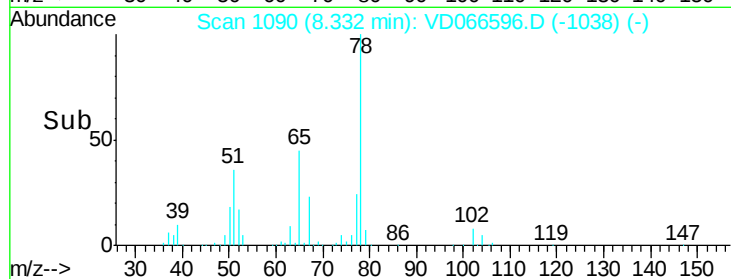
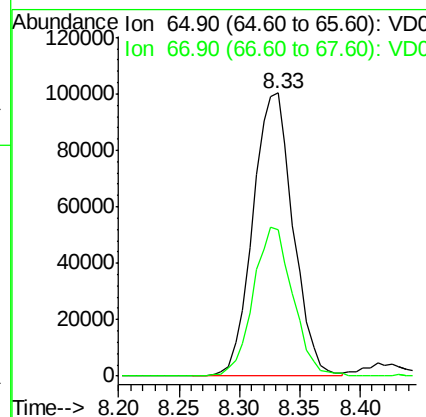
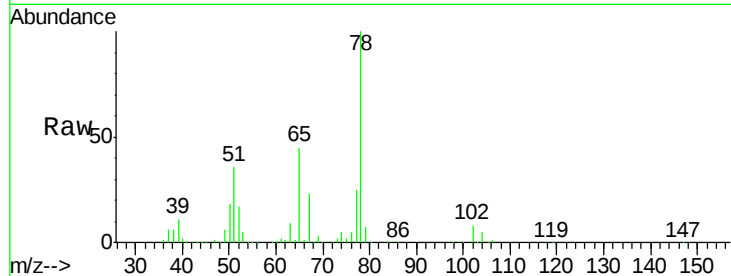
#33
 1,2-Dichloroethane-d4
 Concen: 57.549 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	232176		
67	51.8	0.0	102.8	

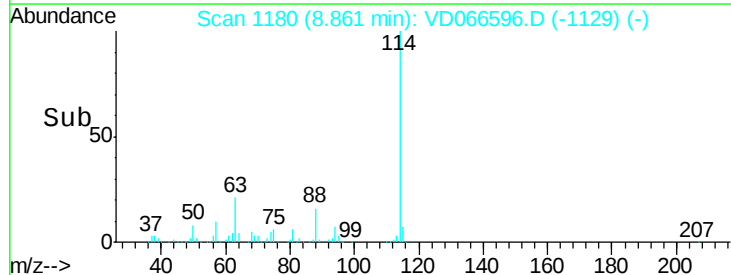
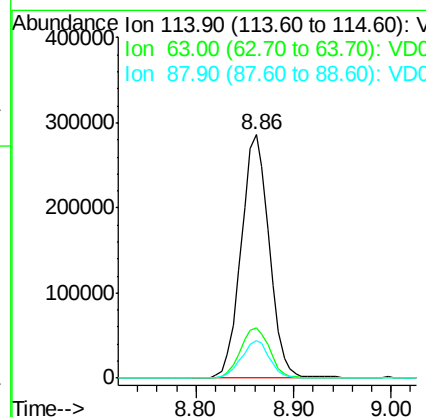
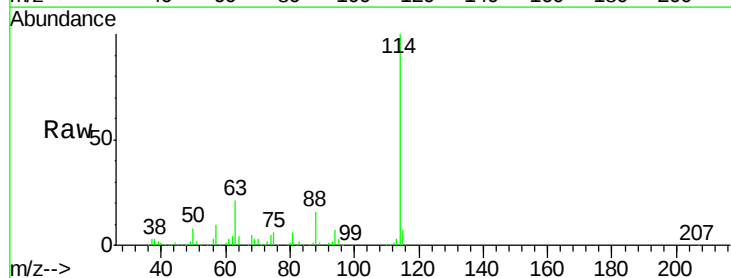
Manual Integrations
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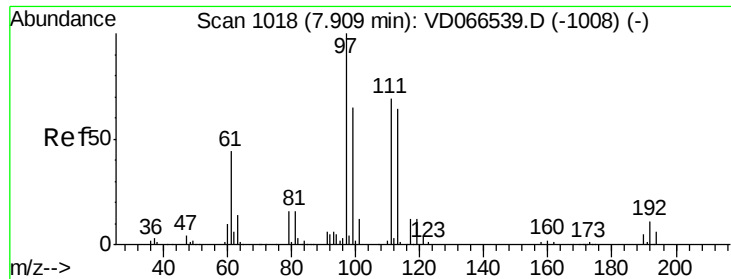
MMDadoda
 9/10/2020 10:46:59 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	572959		
63	20.8	0.0	43.2	
88	15.5	0.0	33.2	





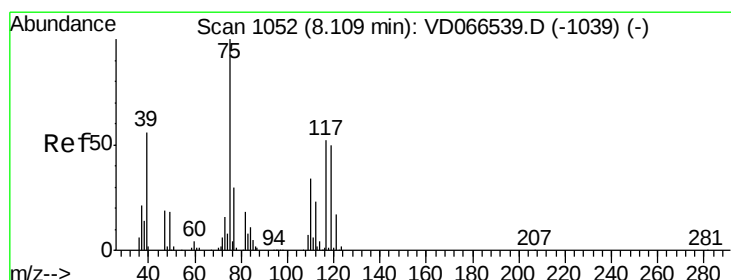
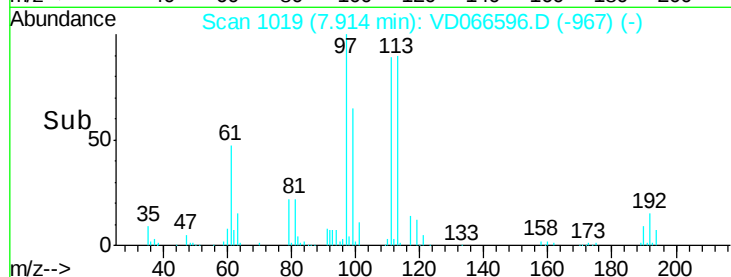
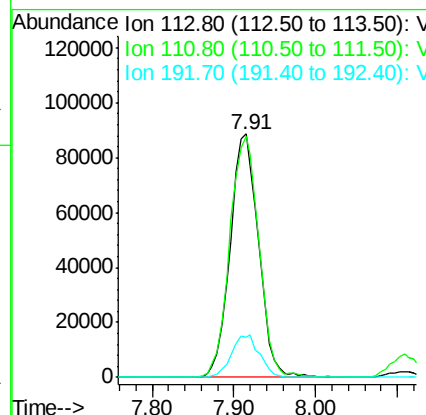
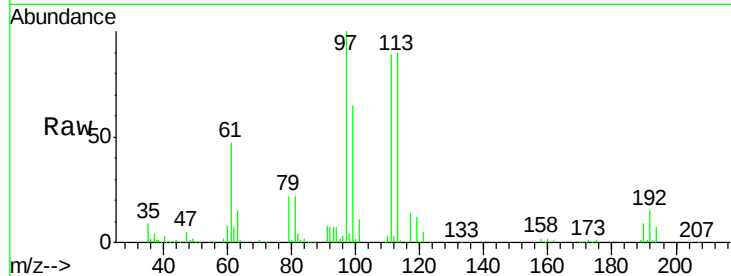
#35
 Dibromofluoromethane
 Concen: 55.262 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	21359		
111	102.4	83.2	124.8	
192	17.1	13.7	20.5	

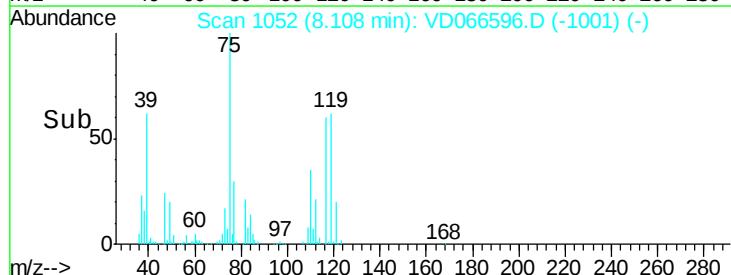
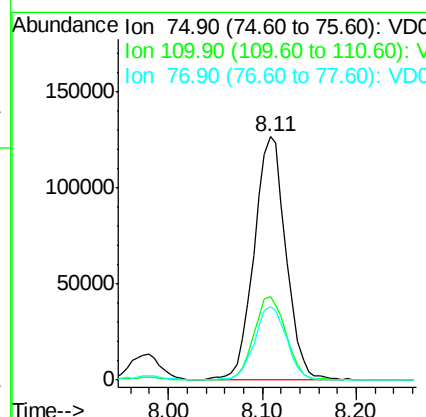
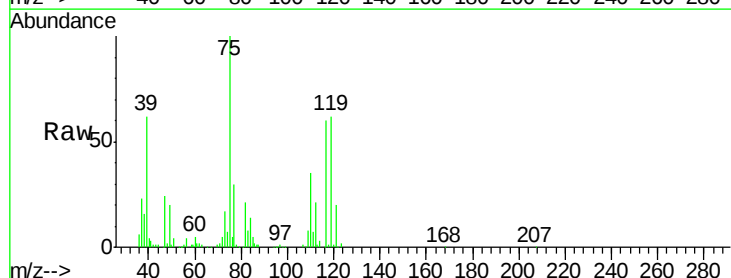
Manual Integrations
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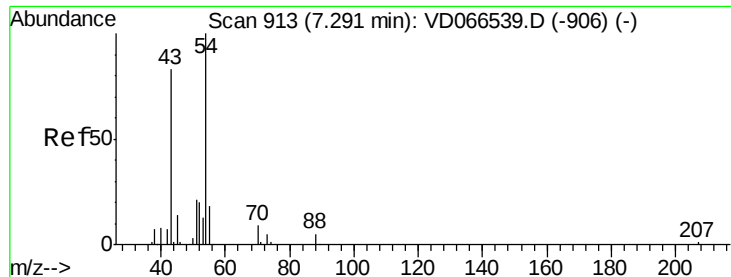
MMDadoda
 9/10/2020 10:46:59 AM



#36
 1,1-Dichloropropene
 Concen: 49.468 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	294965		
110	34.6	17.3	52.0	
77	30.6	25.1	37.7	





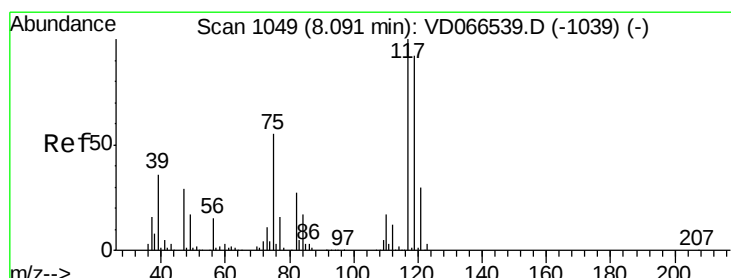
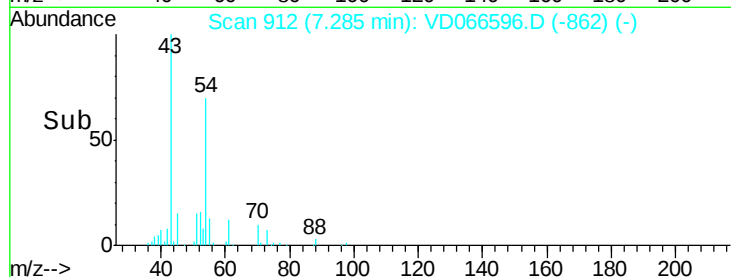
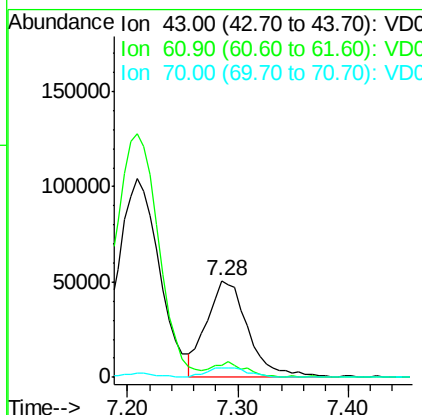
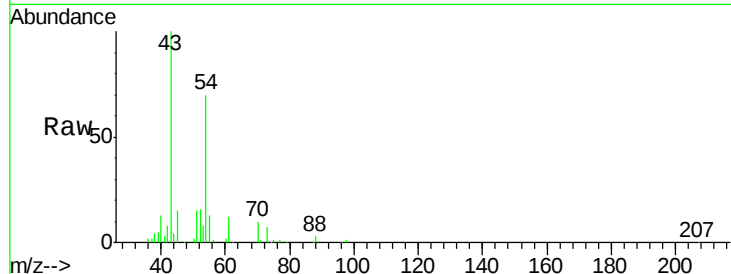
#37
Ethyl Acetate
Concen: 54.447 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	11.8	17.8
70	10.4	7.9	11.9

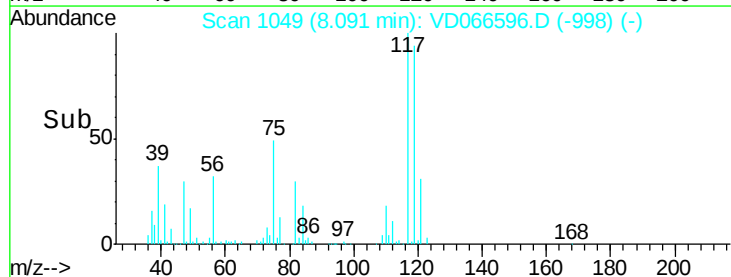
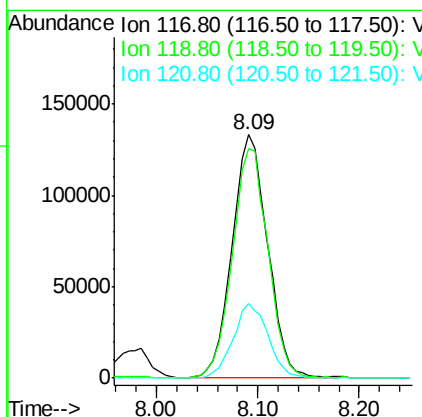
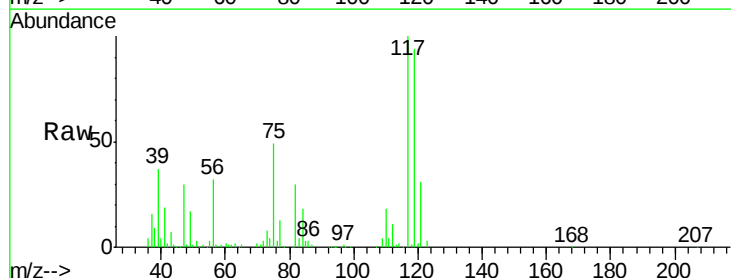
Manual Integrations
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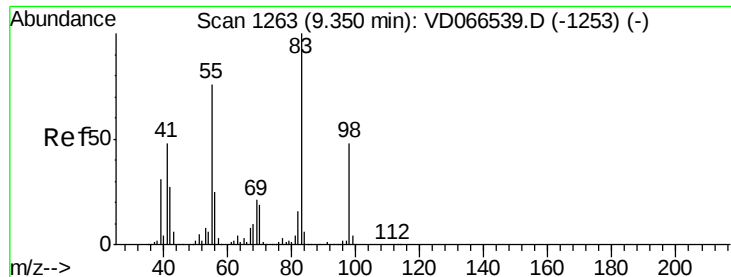
MMDadoda
9/10/2020 10:46:59 AM



#38
Carbon Tetrachloride
Concen: 51.007 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.9	110.9
121	30.9	24.1	36.1





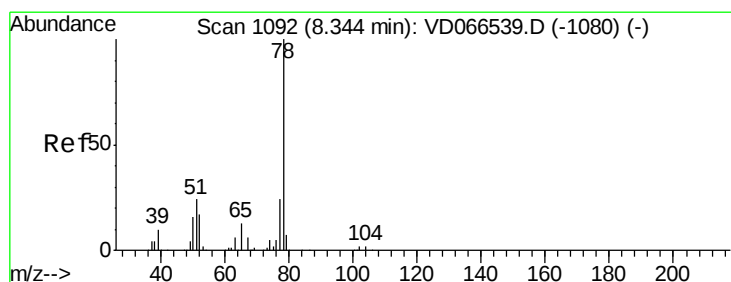
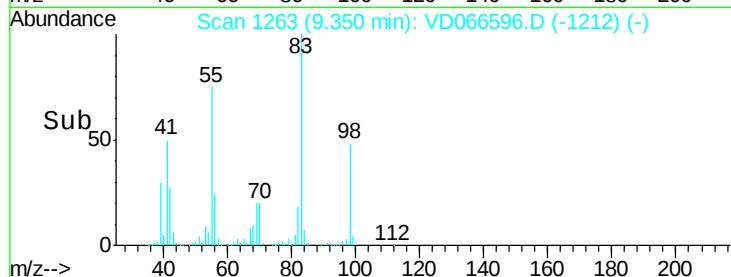
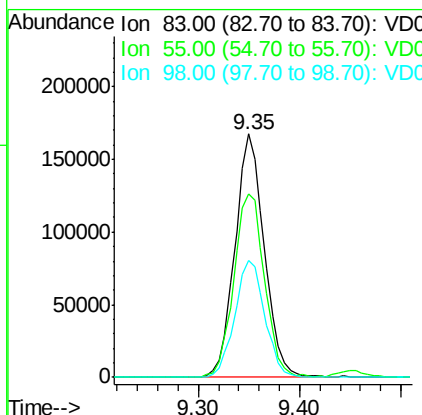
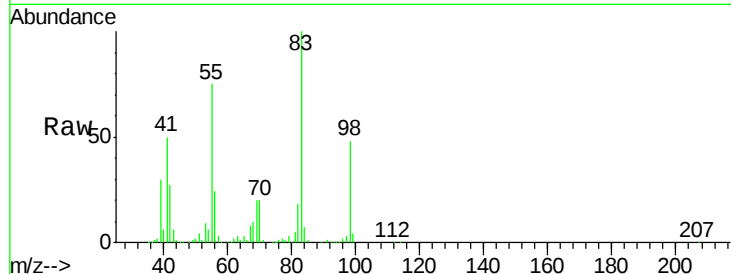
#39
Methvlcvclohexane
Concen: 50.415 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	335677
Ion Ratio	Lower	Upper	
83	100		
55	75.2	60.8	91.2
98	48.0	38.6	58.0

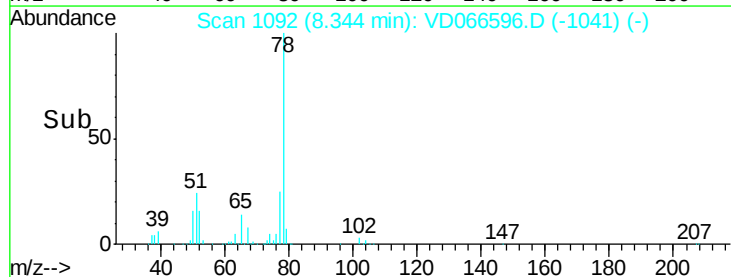
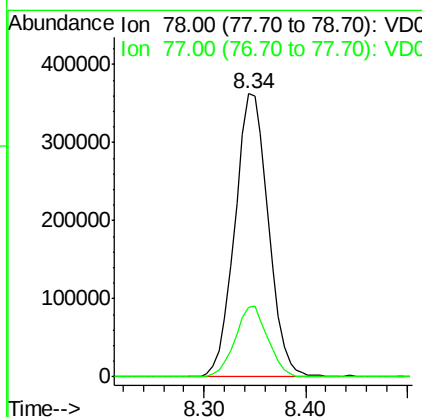
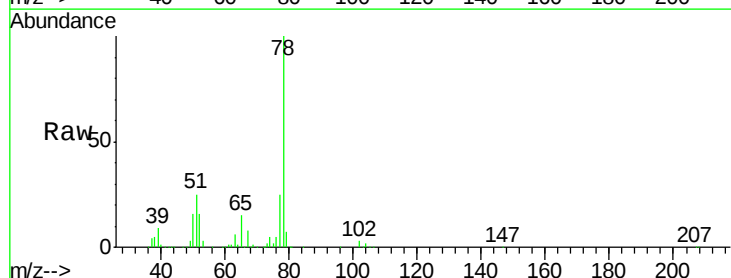
Manual Integrations
APPROVED

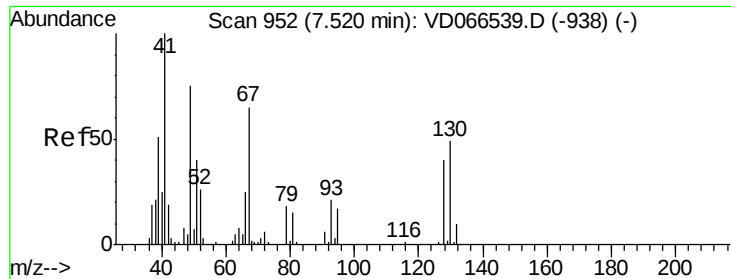
MMDadoda
9/10/2020 10:46:59 AM



#40
Benzene
Concen: 50.935 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	78	Resp	831810
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.1	28.7





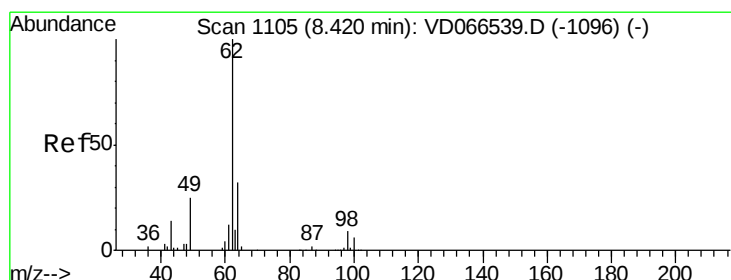
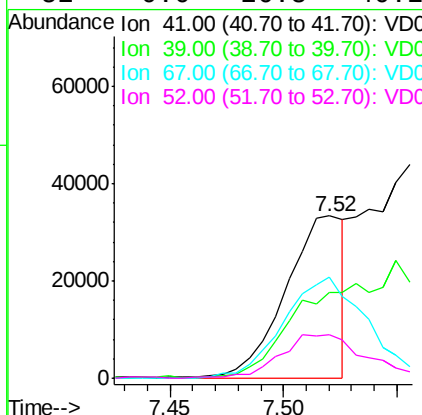
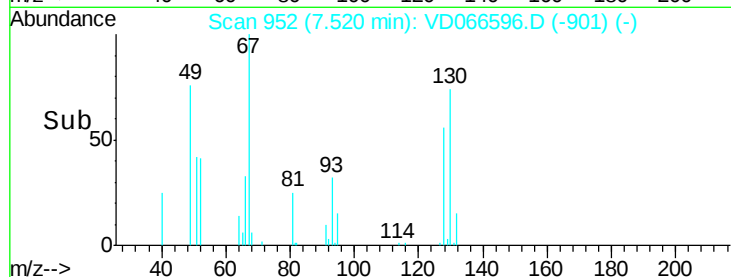
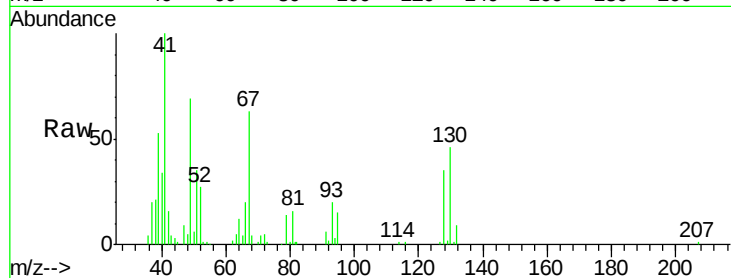
#41
Methacrylonitrile
Concen: 53.320 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	158.9	53.6	80.4#
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#

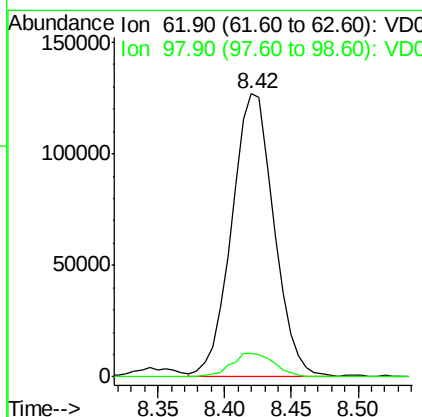
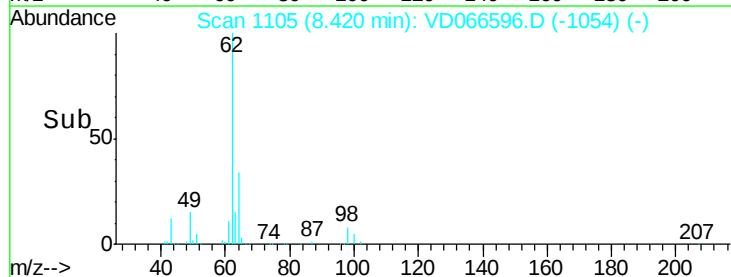
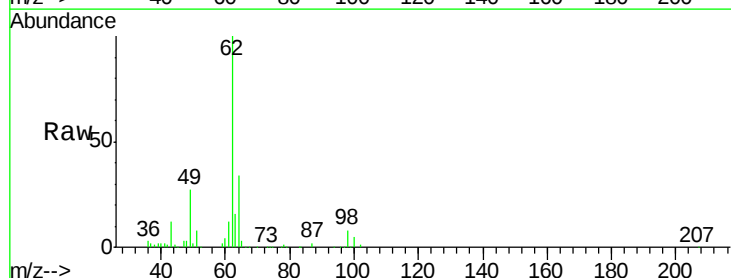
Manual Integrations
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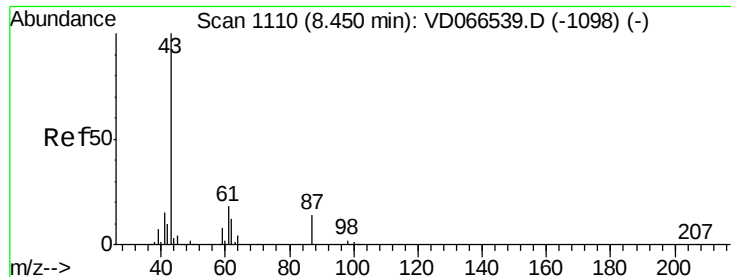
MMDadoda
9/10/2020 10:46:59 AM



#42
1,2-Dichloroethane
Concen: 52.456 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 55.337 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

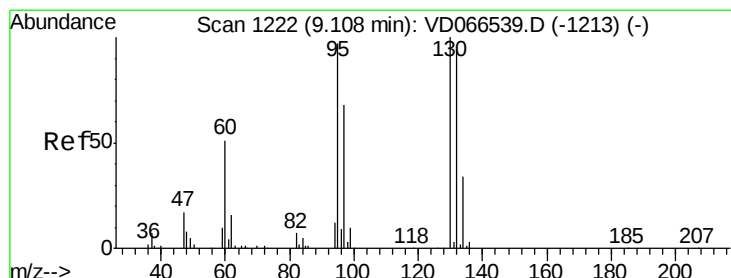
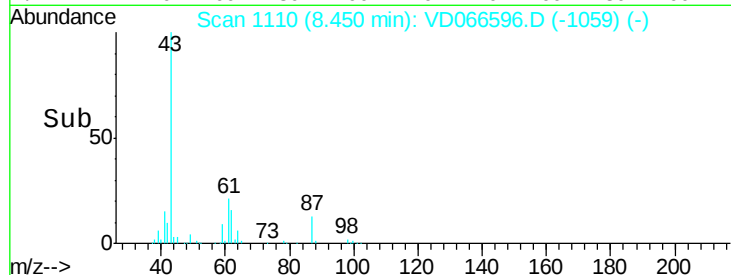
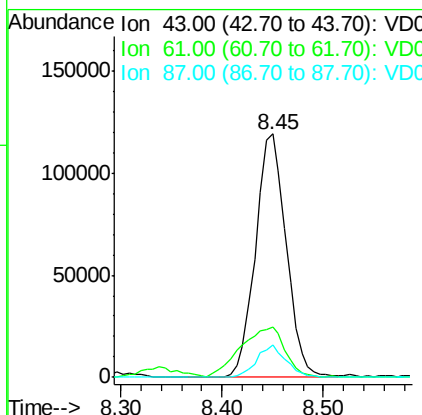
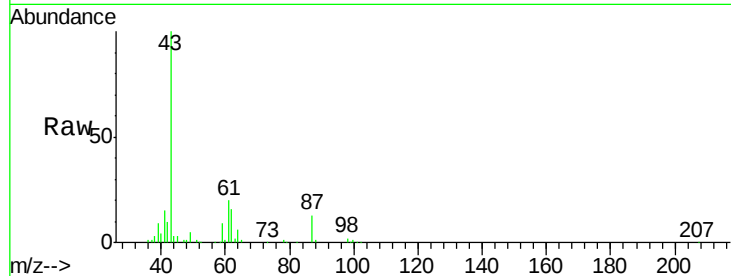
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	251795
Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.8	35.8
87	12.6	10.7	16.1

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#44

Trichloroethene

Concen: 50.885 ug/l

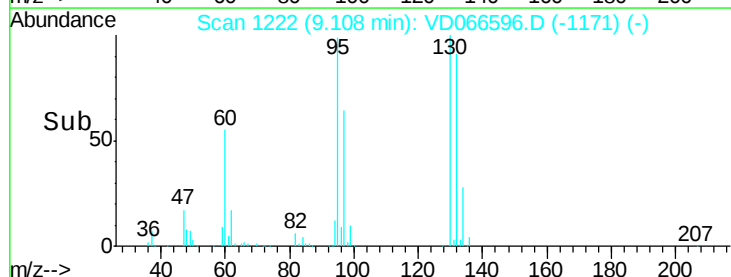
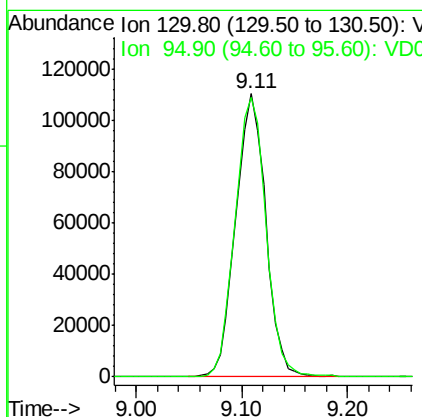
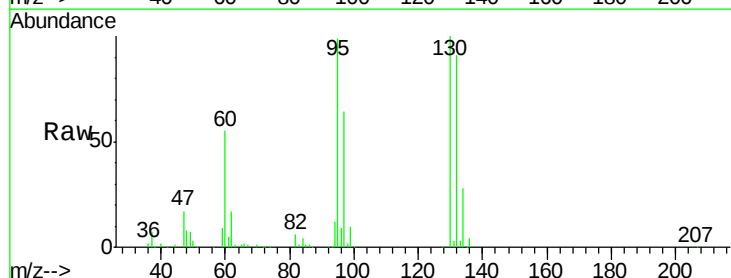
RT: 9.11 min Scan# 1222

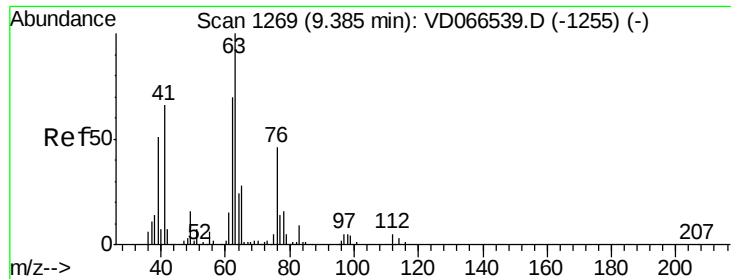
Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Tgt Ion:	130	Resp:	217978
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	194.4





#45

1,2-Dichloropropane

Concen: 52.981 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 217586

Ion Ratio Lower Upper

63 100

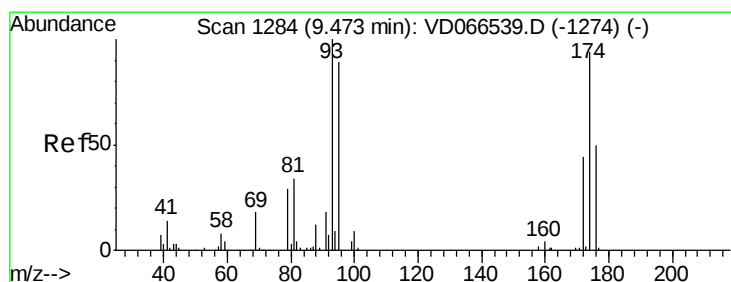
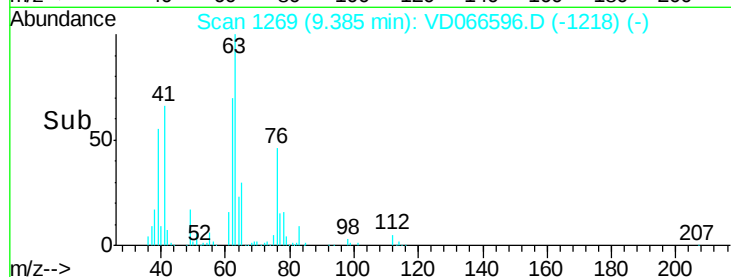
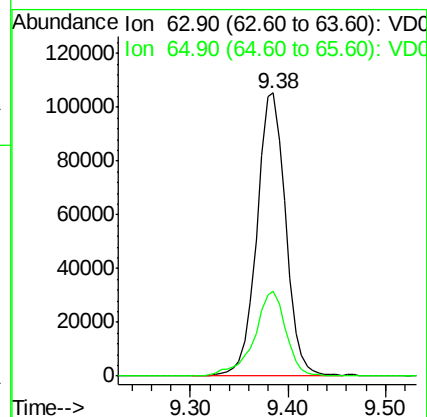
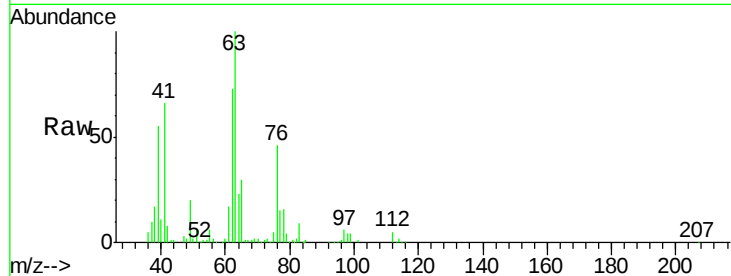
65 29.9 22.6 34.0

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#46

Dibromomethane

Concen: 52.813 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

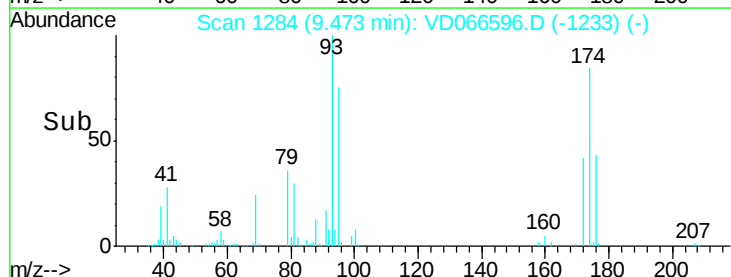
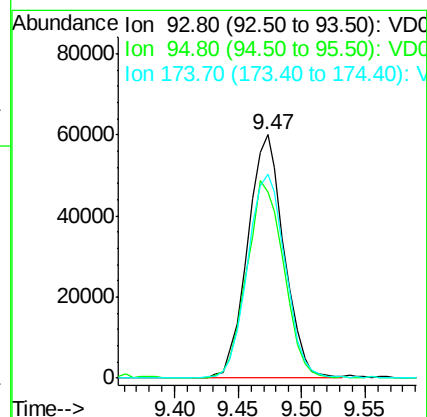
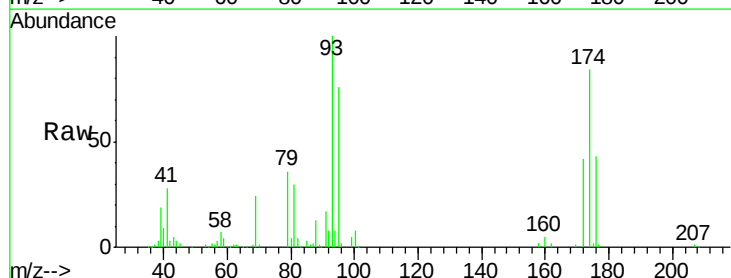
Tgt Ion: 93 Resp: 119663

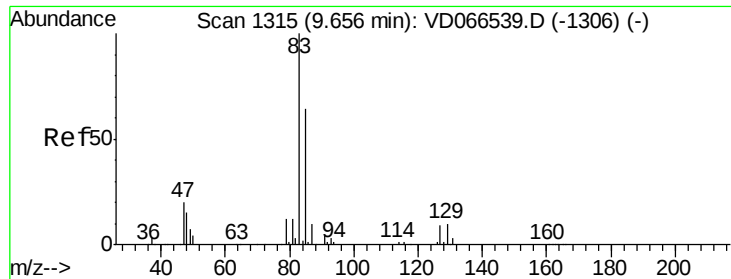
Ion Ratio Lower Upper

93 100

95 82.5 68.7 103.1

174 87.2 70.0 105.0





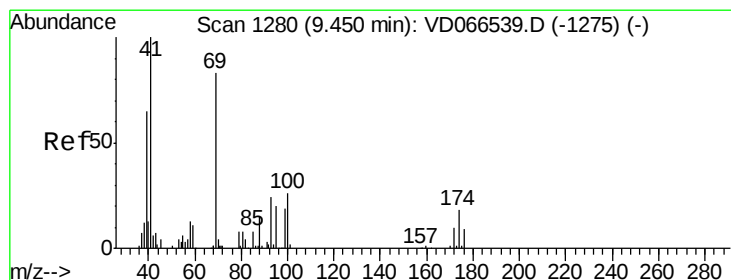
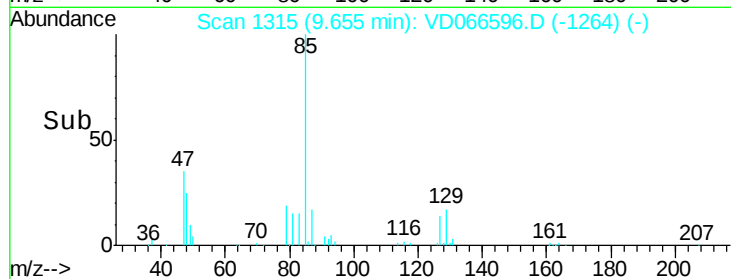
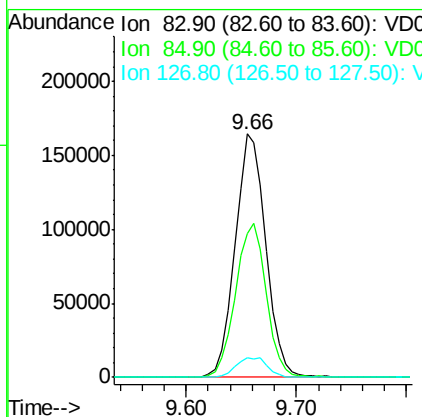
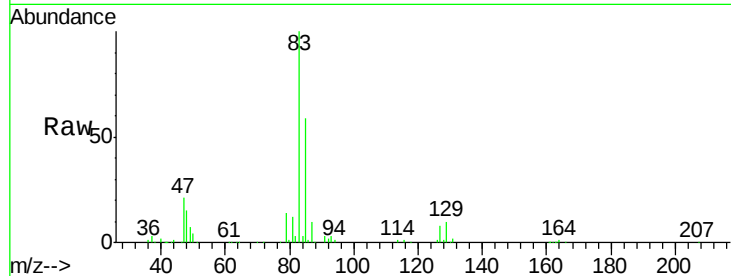
#47
Bromodichloromethane
Concen: 52.394 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	58.8	51.1	76.7
127	8.2	6.9	10.3

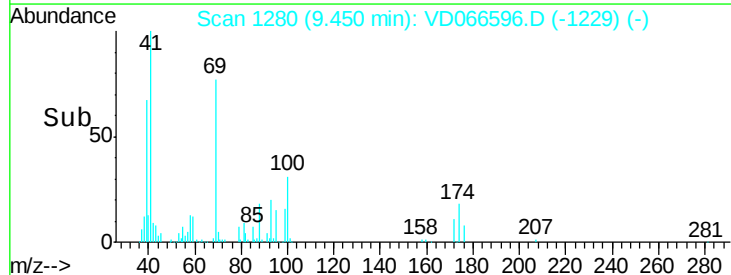
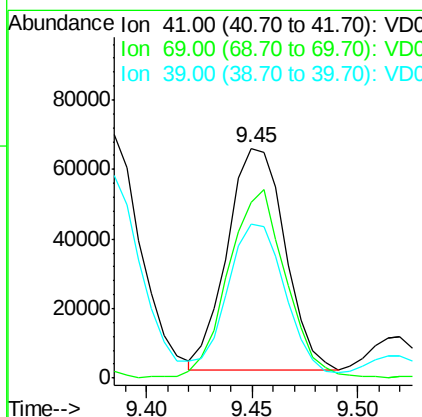
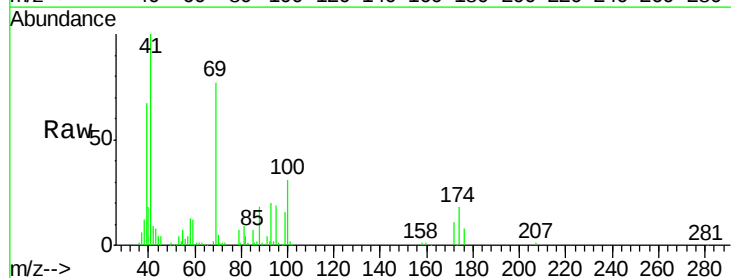
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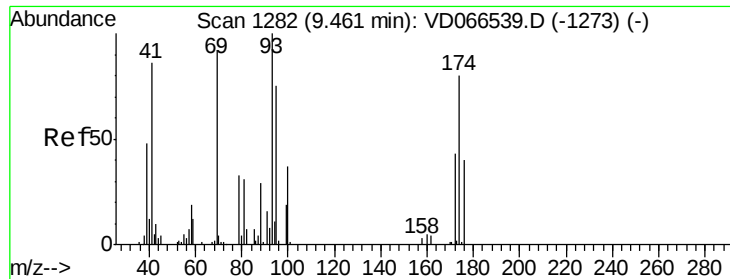
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9/10/2020 10:46:59 AM



#48
Methyl methacrylate
Concen: 52.498 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.1	64.5	96.7
39	65.4	46.6	69.8





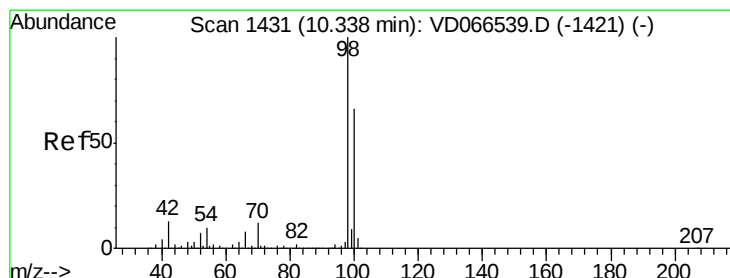
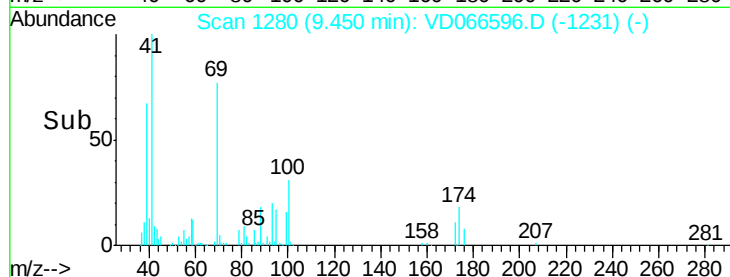
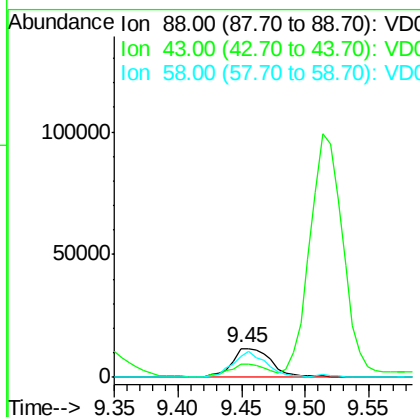
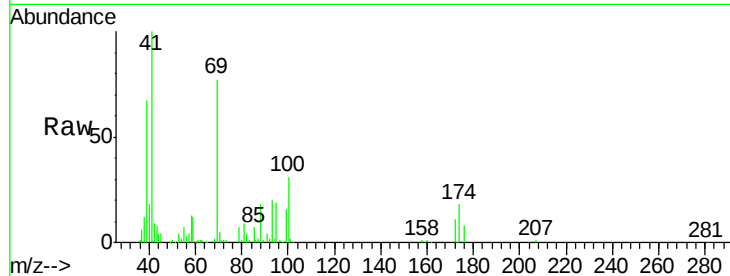
#49
1,4-Dioxane
Concen: 1040.687 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.0	28.3	42.5#
58	75.1	56.1	84.1

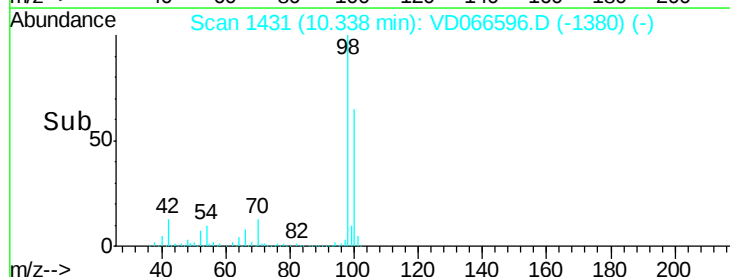
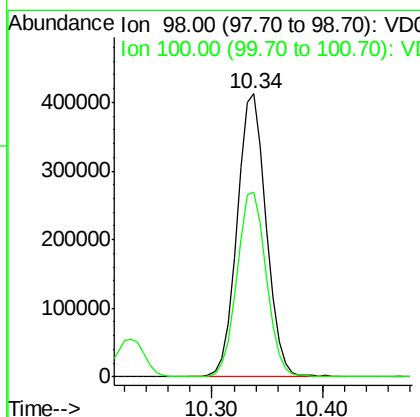
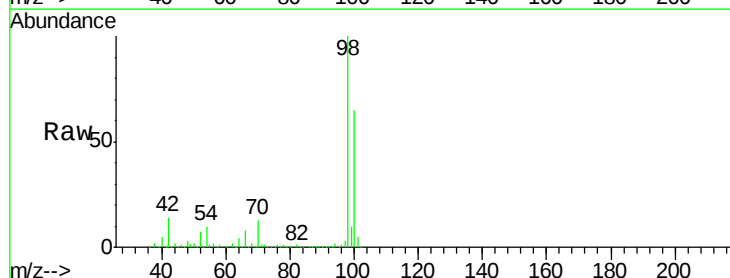
Manual Integrations
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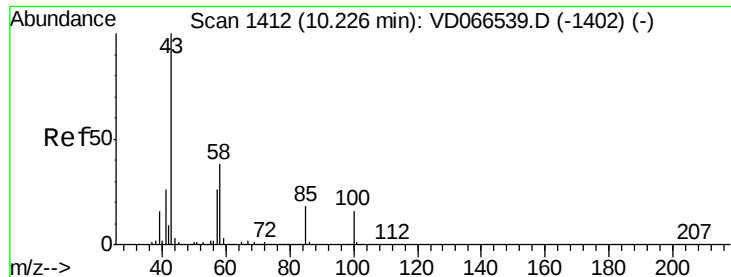
MMDadoda
9/10/2020 10:46:59 AM



#50
Toluene-d8
Concen: 55.220 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 290.968 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 667709

Ion Ratio Lower Upper

43 100

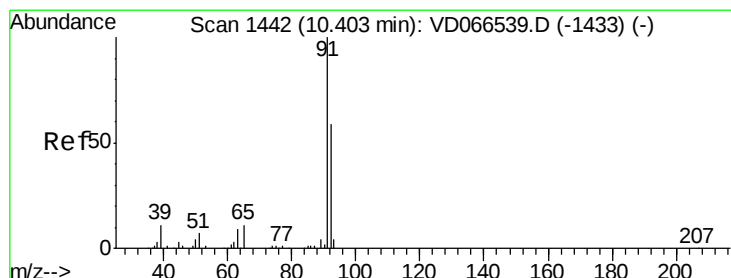
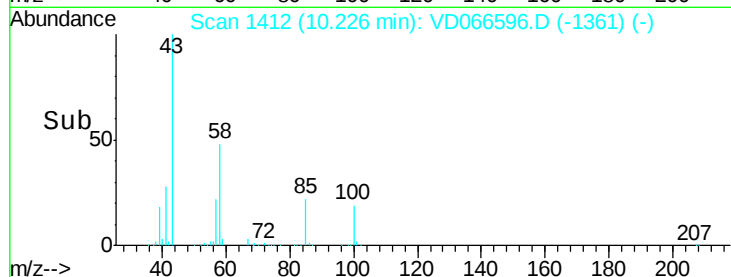
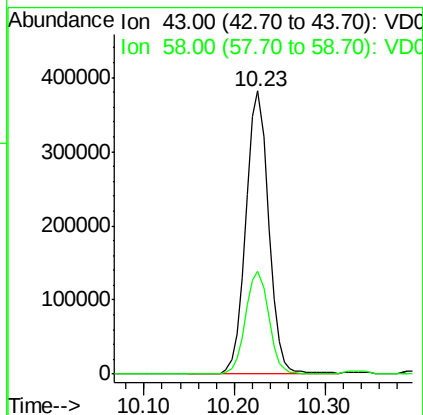
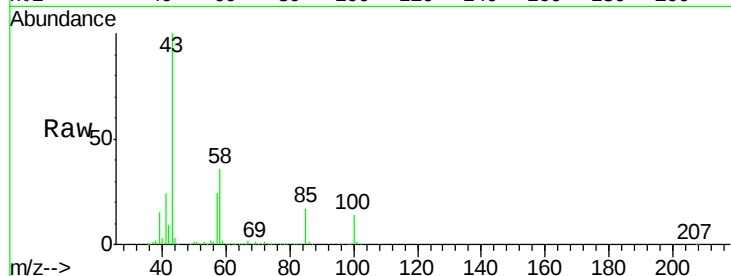
58 37.1 30.5 45.7

Manual Integrations

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9/10/2020 10:46:59 AM



#52

Toluene

Concen: 52.620 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066596.D

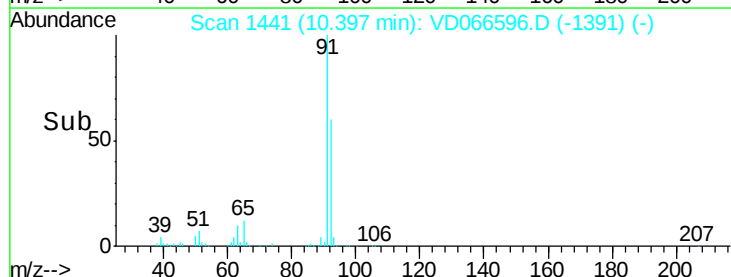
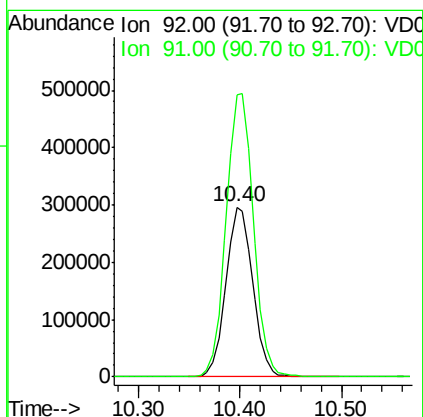
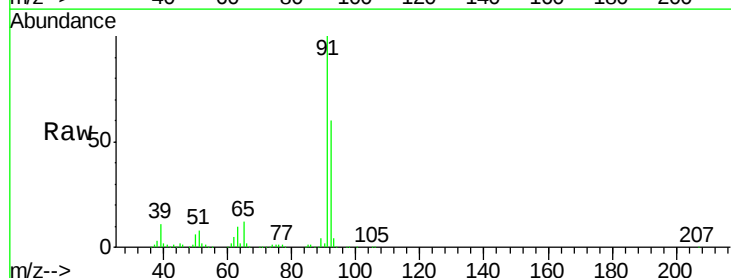
Acq: 09 Sep 2020 22:32

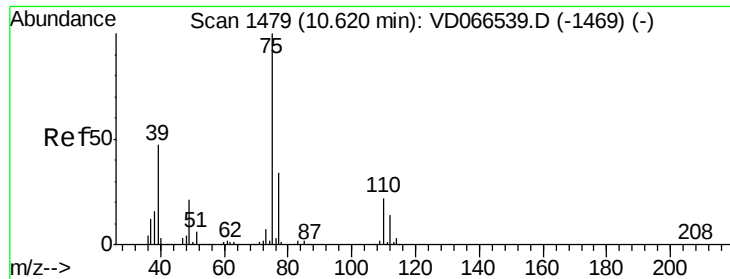
Tgt Ion: 92 Resp: 543952

Ion Ratio Lower Upper

92 100

91 169.9 137.4 206.2





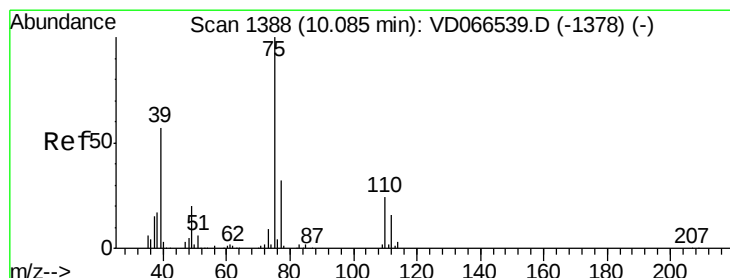
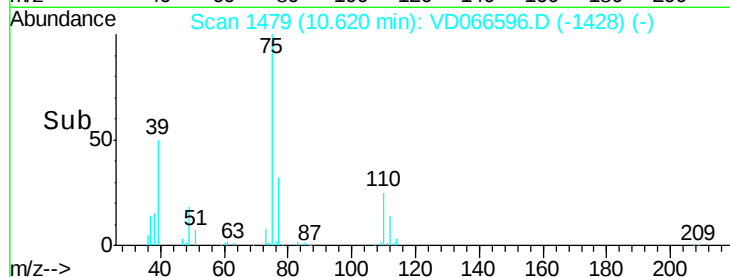
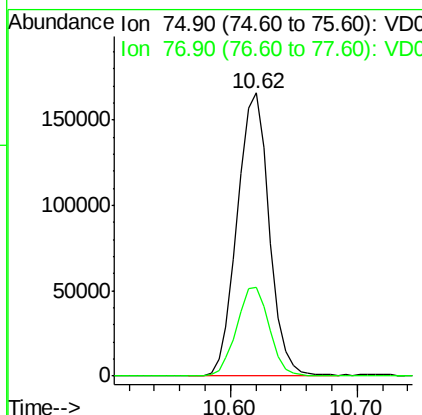
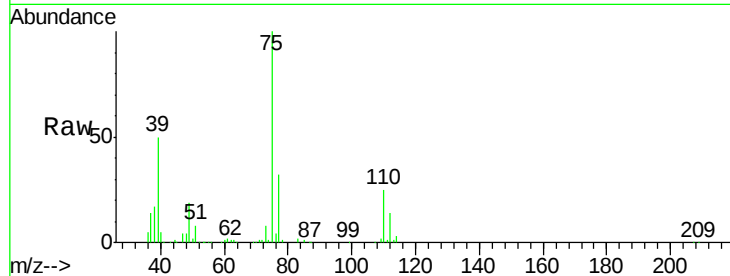
#53
t-1,3-Dichloropropene
Concen: 53.862 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 291477
Ion Ratio Lower Upper
75 100
77 31.5 27.4 41.2

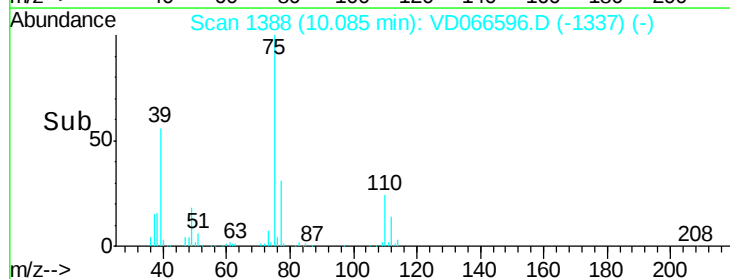
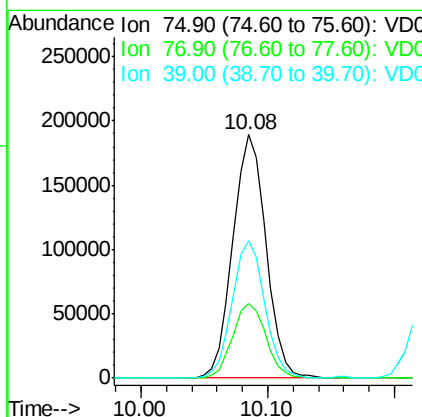
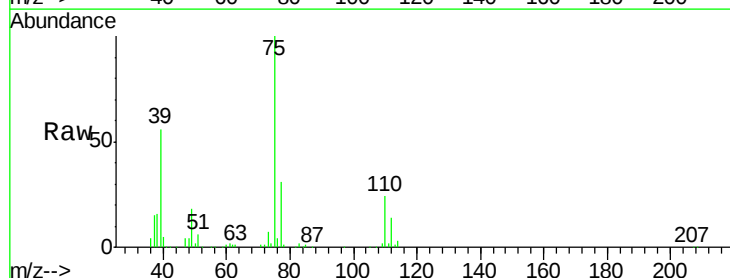
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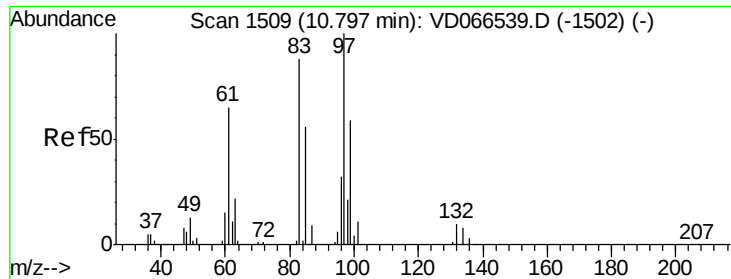
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#54
cis-1,3-Dichloropropene
Concen: 52.838 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 75 Resp: 343378
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 56.1 45.4 68.0





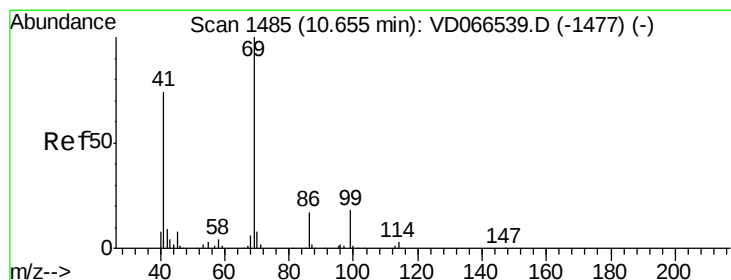
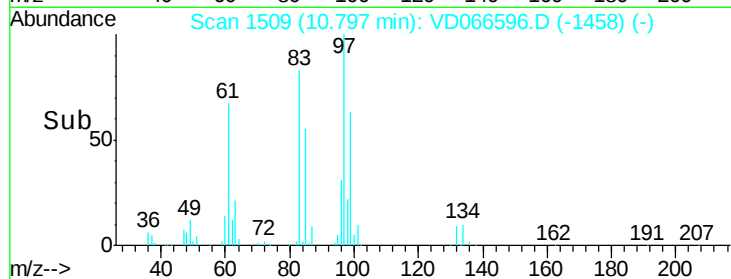
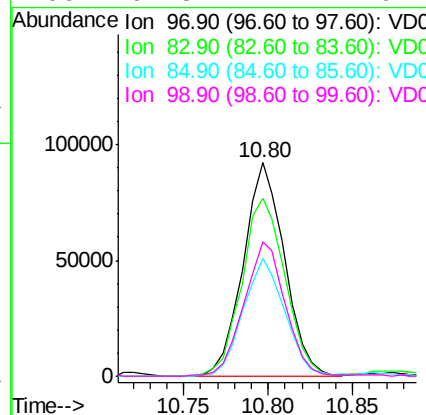
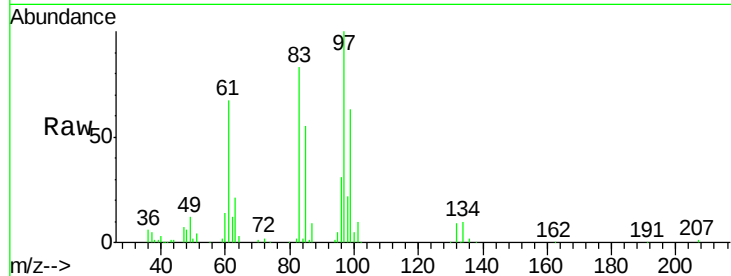
#55
 1,1,2-Trichloroethane
 Concen: 53.898 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	157020
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.1	105.1
85	55.2	44.5	66.7
99	62.8	47.1	70.7

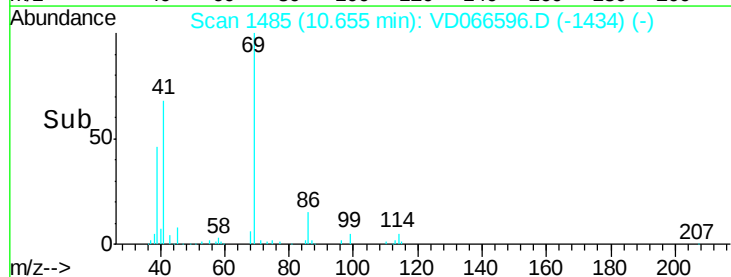
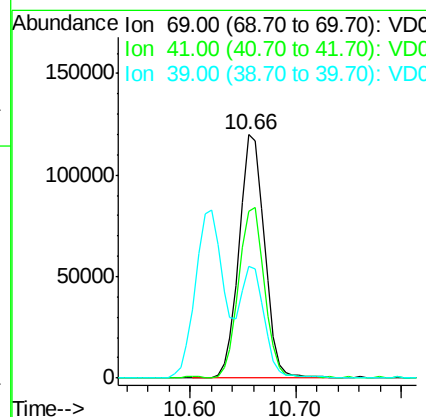
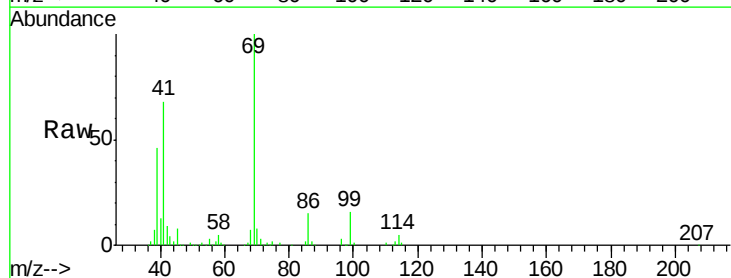
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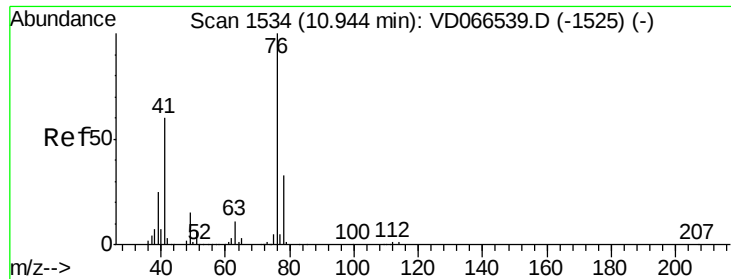
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#56
 Ethyl methacrylate
 Concen: 58.711 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion:	69	Resp:	199149
Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.8	85.2
39	40.2	30.6	46.0





#57

1,3-Dichloropropane

Concen: 53.597 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 273492

Ion Ratio Lower Upper

76 100

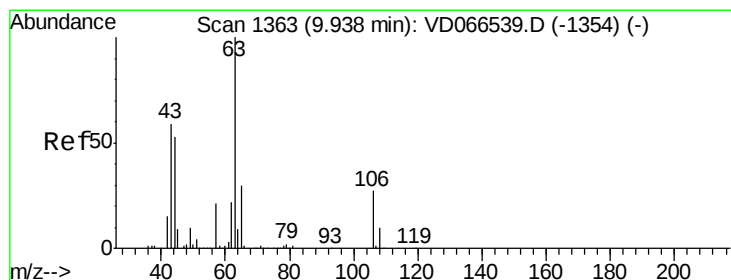
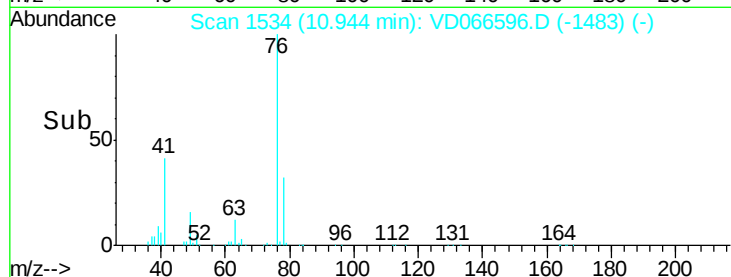
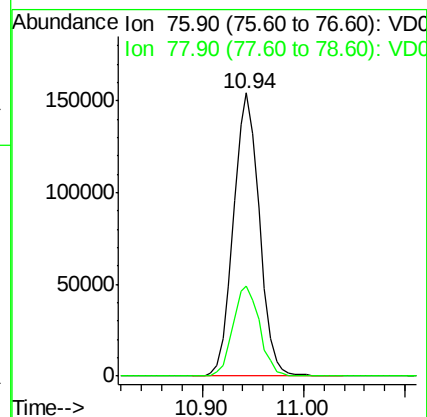
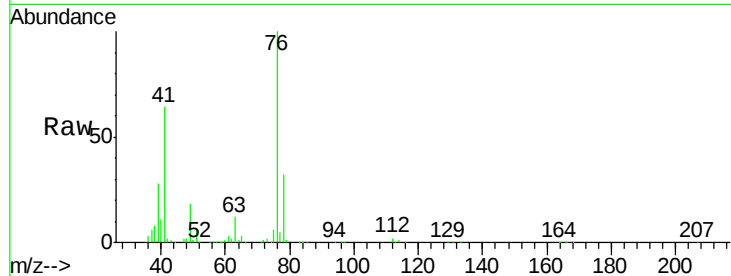
78 32.9 25.8 38.8

Manual Integrations

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9/10/2020 10:46:59 AM



#58

2-Chloroethyl Vinyl ether

Concen: 280.013 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066596.D

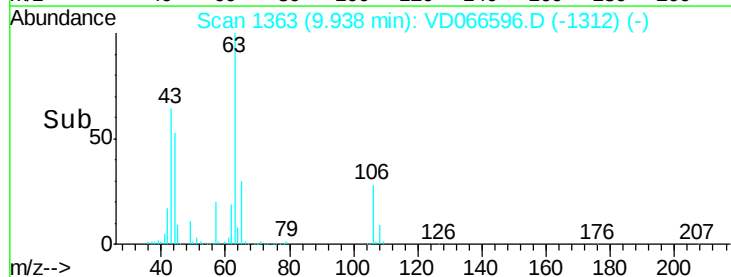
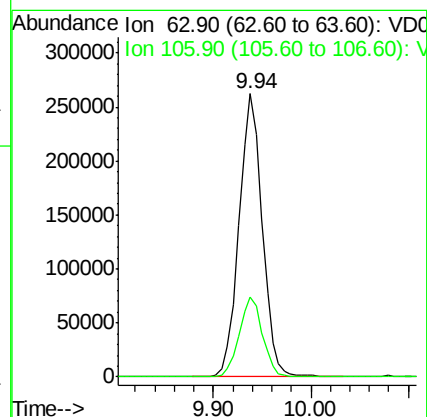
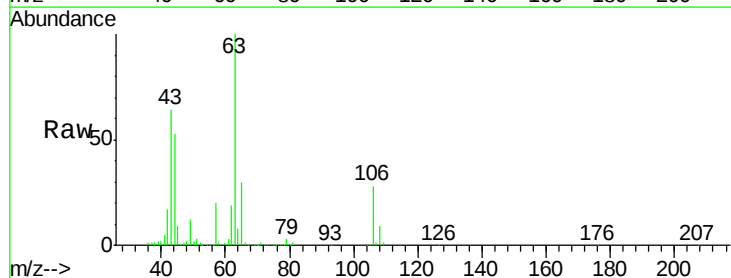
Acq: 09 Sep 2020 22:32

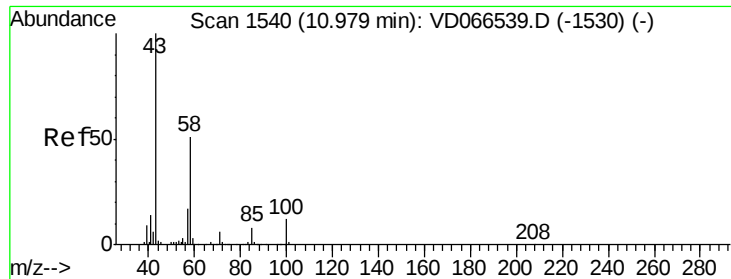
Tgt Ion: 63 Resp: 434439

Ion Ratio Lower Upper

63 100

106 28.1 22.0 33.0





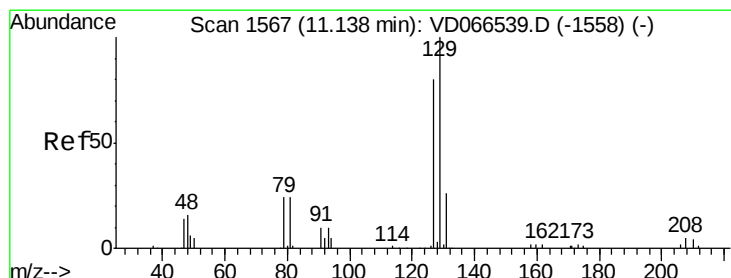
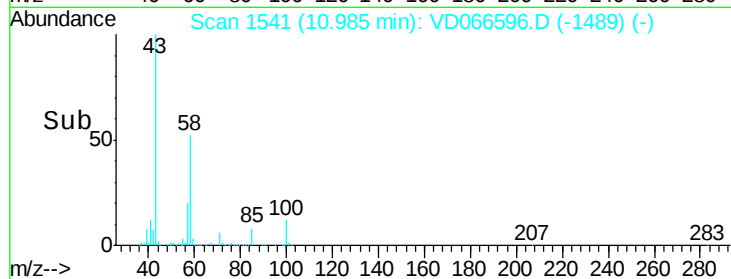
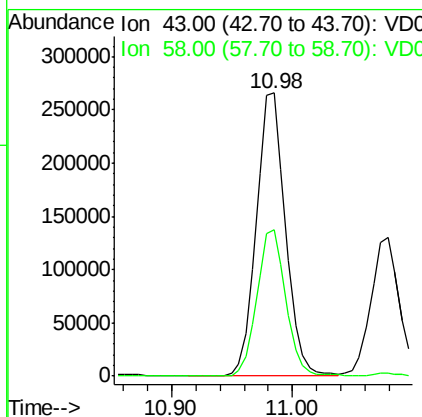
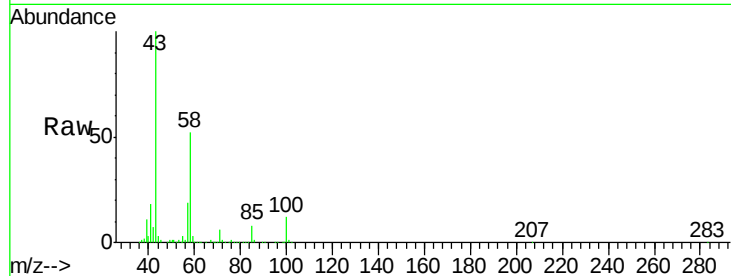
#59
2-Hexanone
Concen: 289.225 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 446332
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.8

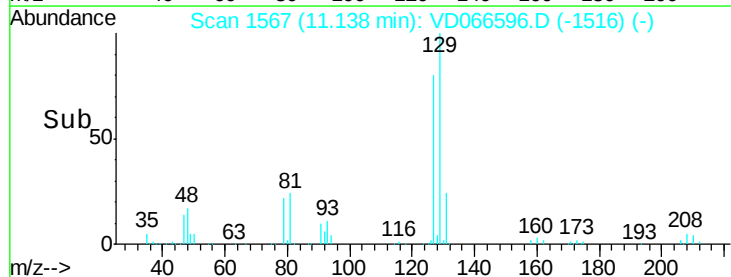
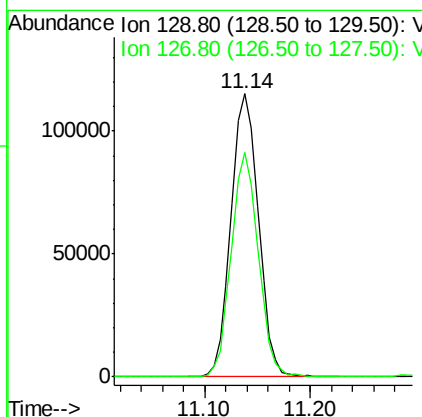
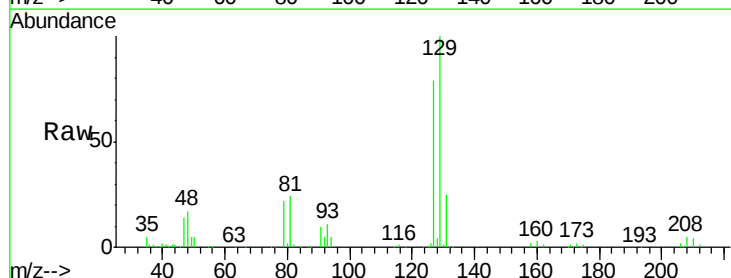
Manual Integrations
APPROVED

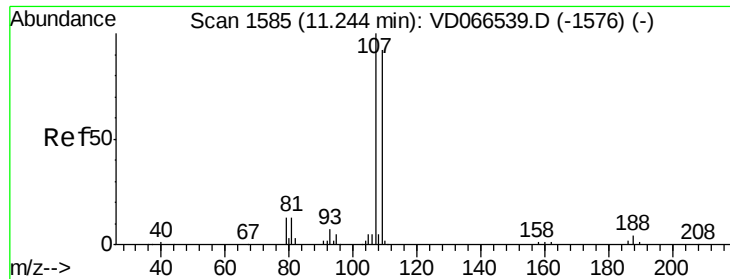
MMDadoda
9/10/2020 10:46:59 AM



#60
Dibromochloromethane
Concen: 53.811 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 129 Resp: 207300
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.3





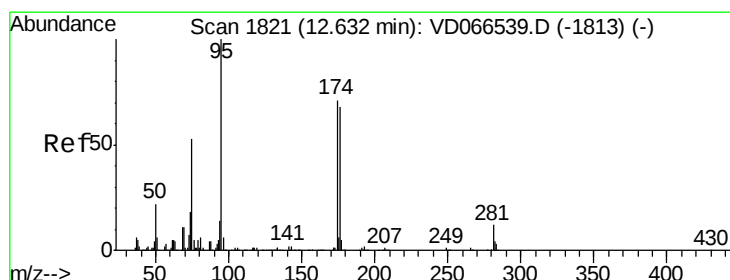
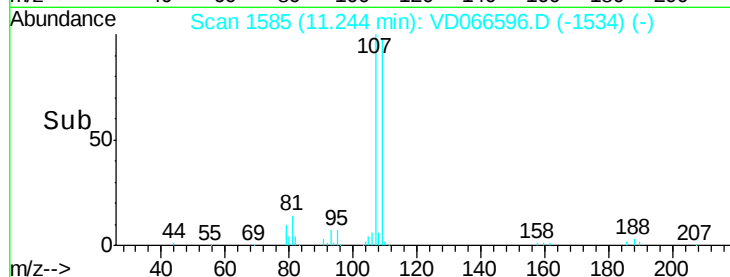
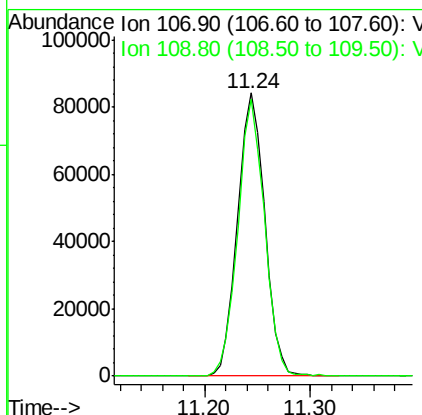
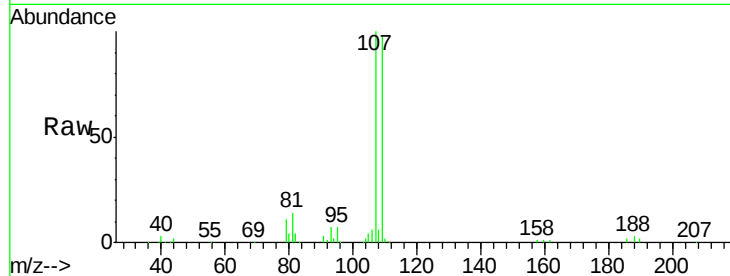
#61
 1,2-Dibromoethane
 Concen: 53.130 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	150585		
109	95.5	74.4	111.6	

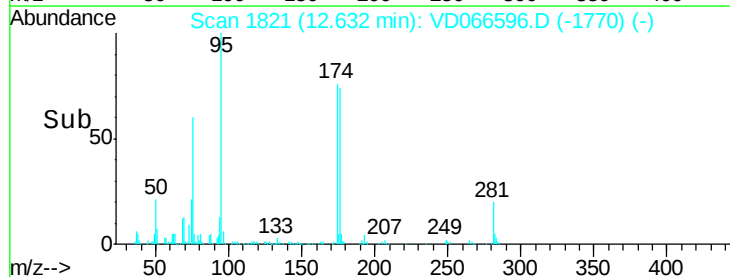
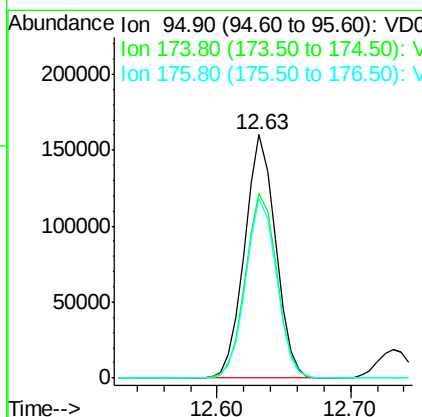
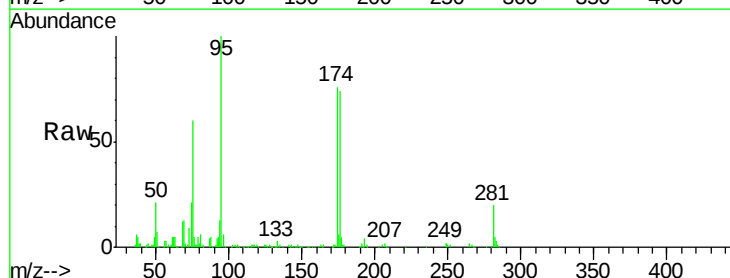
Manual Integrations
 APPROVED

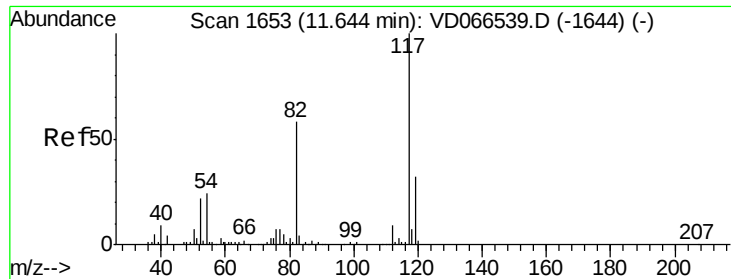
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 9/10/2020 10:46:59 AM



#62
 4-Bromofluorobenzene
 Concen: 55.965 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	256370		
174	77.1	0.0	155.8	
176	73.5	0.0	148.6	





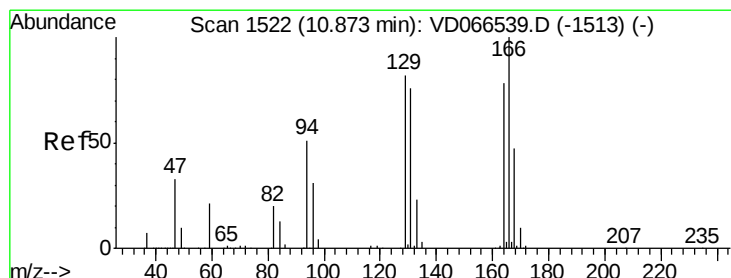
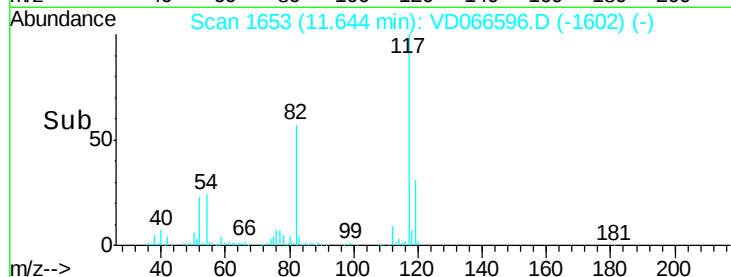
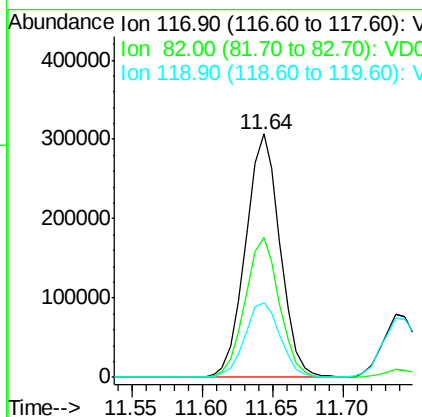
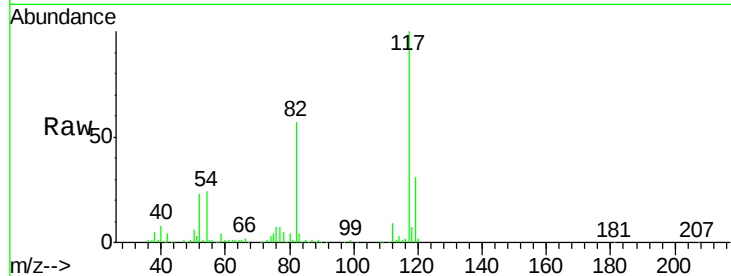
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	525865		
82	57.3	46.2	69.2	
119	30.7	25.8	38.8	

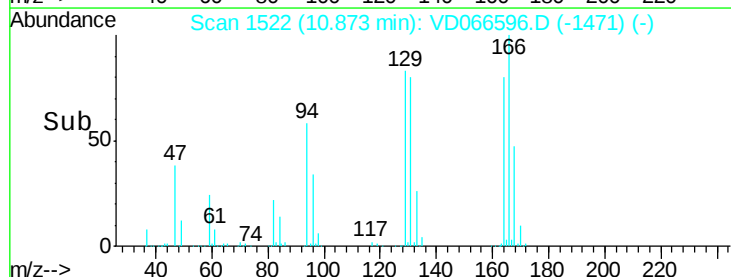
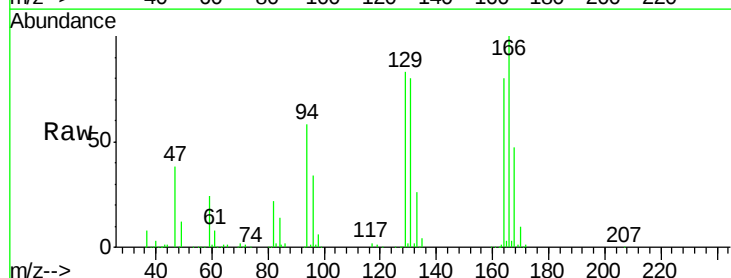
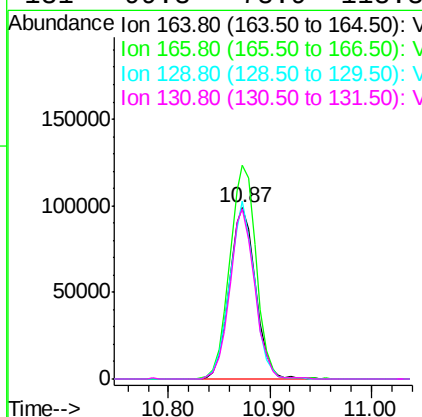
Manual Integrations
APPROVED

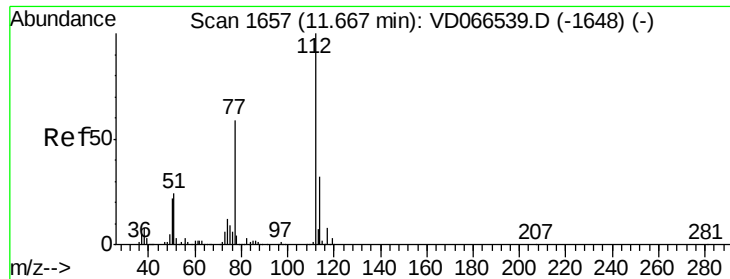
MMDadoda
9/10/2020 10:46:59 AM



#64
Tetrachloroethene
Concen: 50.089 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	177347		
166	124.6	103.2	154.8	
129	103.6	84.5	126.7	
131	99.3	78.9	118.3	





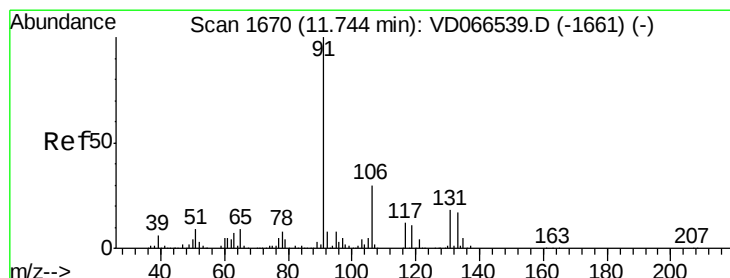
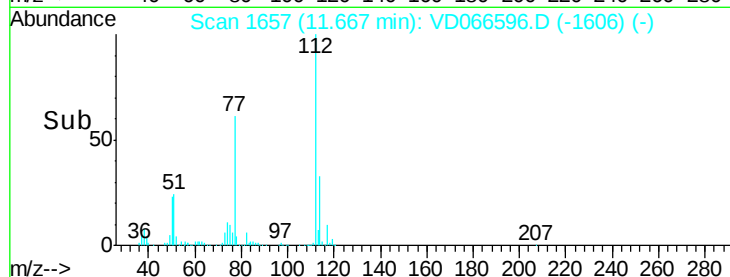
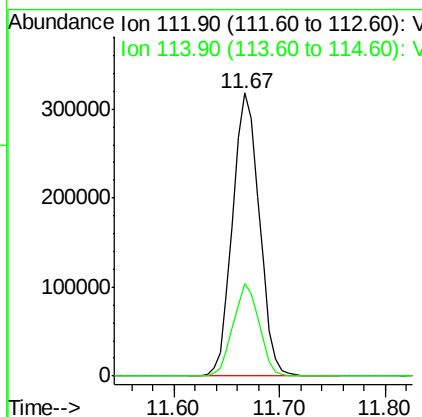
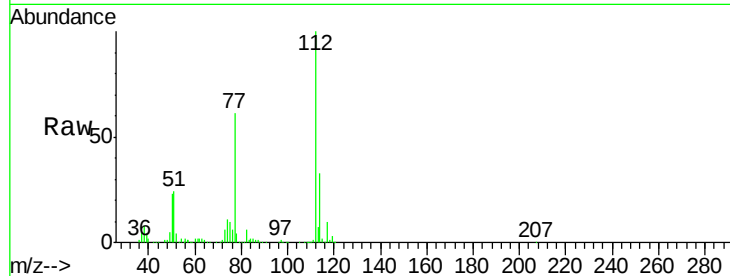
#65
Chlorobenzene
Concen: 51.119 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.7	38.5

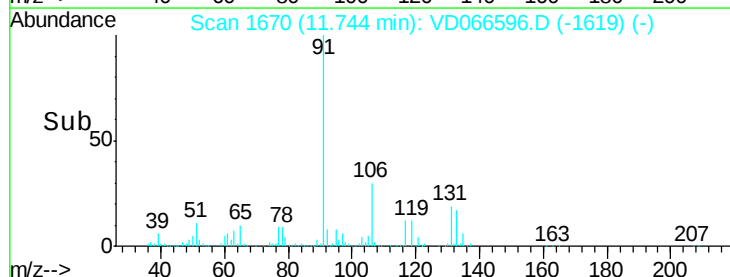
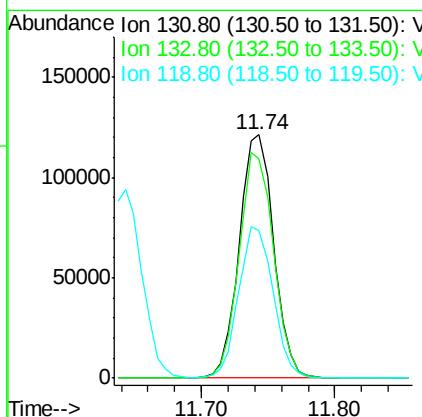
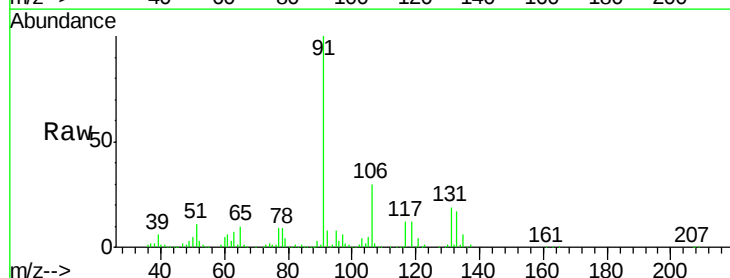
Manual Integrations
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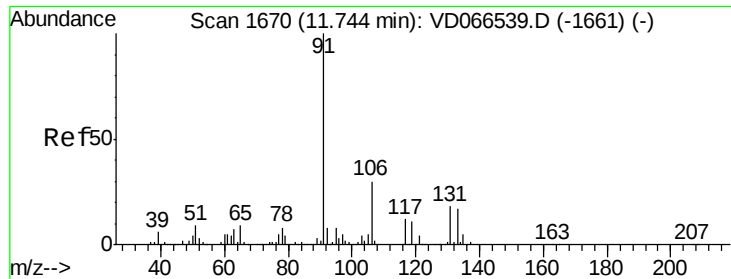
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.215 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.1	46.7	140.0
119	62.6	31.9	95.7





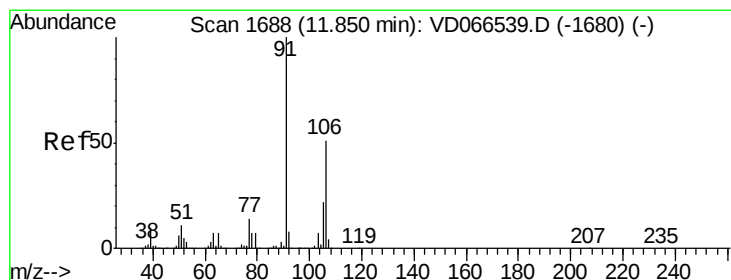
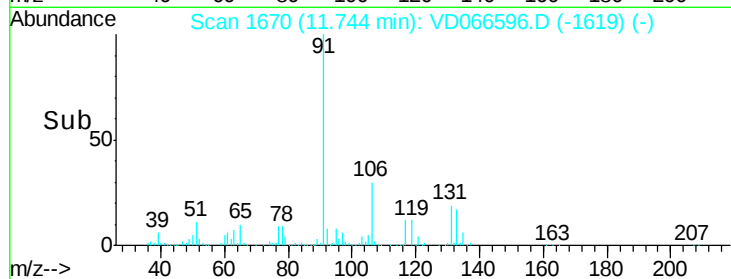
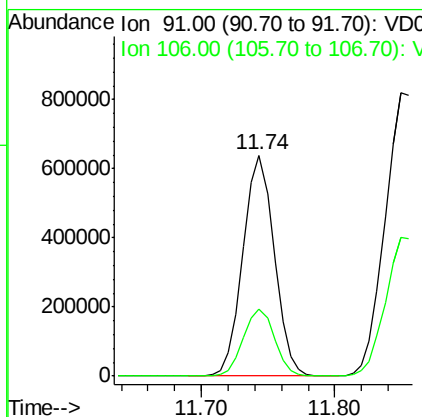
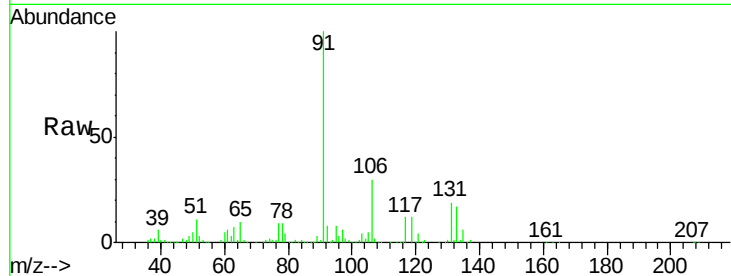
#67
Ethyl Benzene
Concen: 52.151 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1039322
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

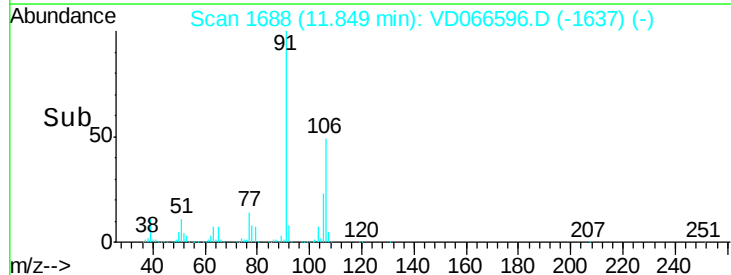
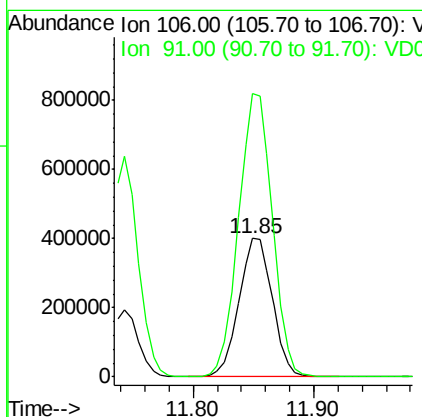
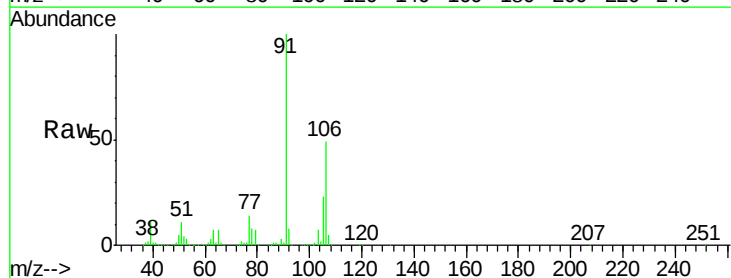
Manual Integrations
APPROVED

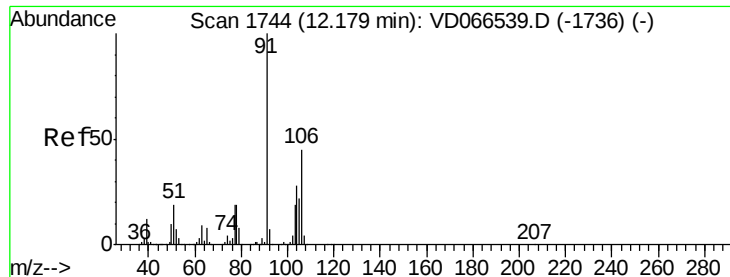
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#68
m/p-Xylenes
Concen: 104.349 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 106 Resp: 772151
Ion Ratio Lower Upper
106 100
91 206.9 162.4 243.6





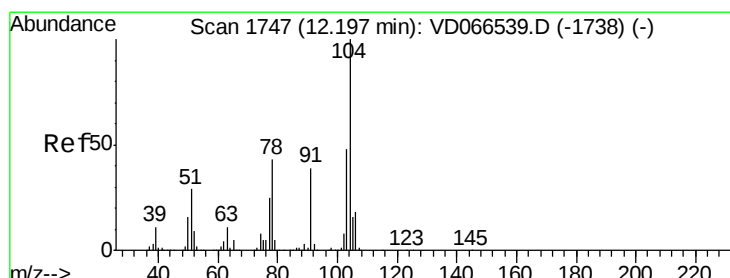
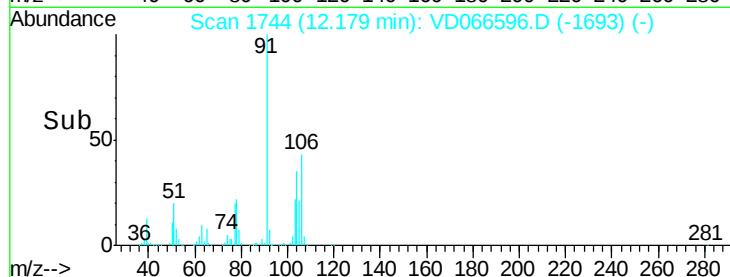
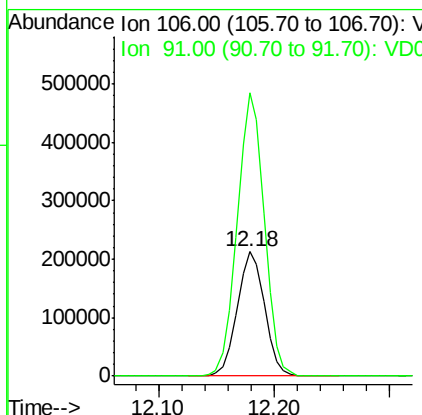
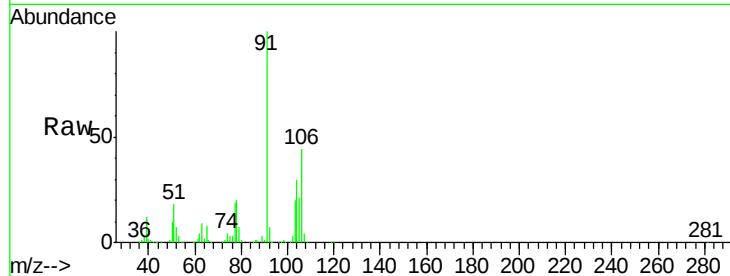
#69
o-Xylene
Concen: 52.377 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	225.9	107.9	347340	323.8	

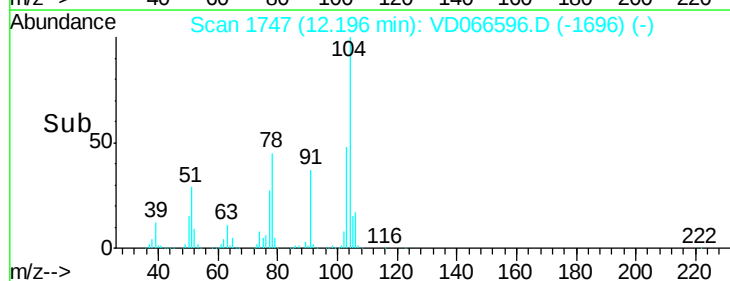
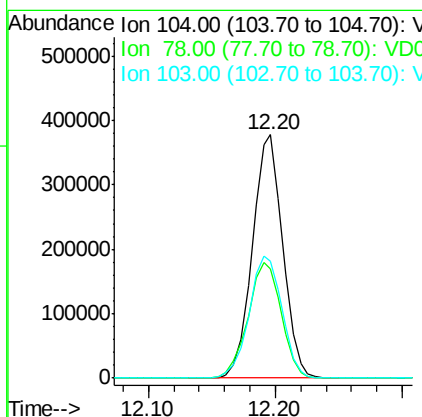
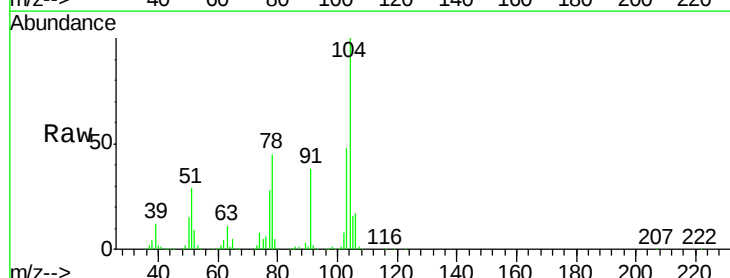
Manual Integrations
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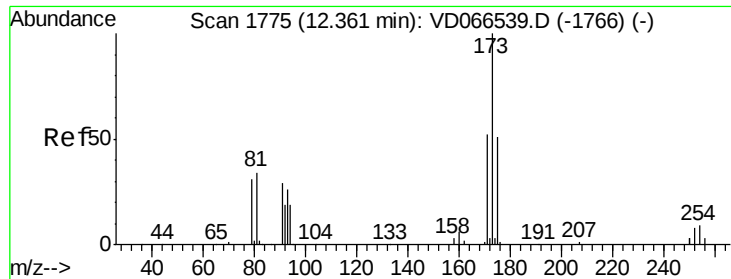
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#70
Styrene
Concen: 54.476 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	52.3	40.7	628061	61.1	
103	54.4	42.9	64.3		





#71

Bromoform

Concen: 52.967 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

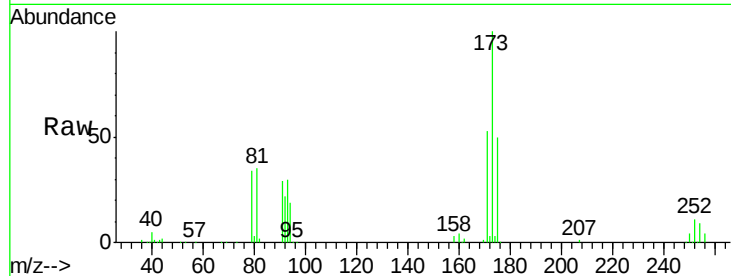
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.2	72.6
254	0.1	0.0	0.0

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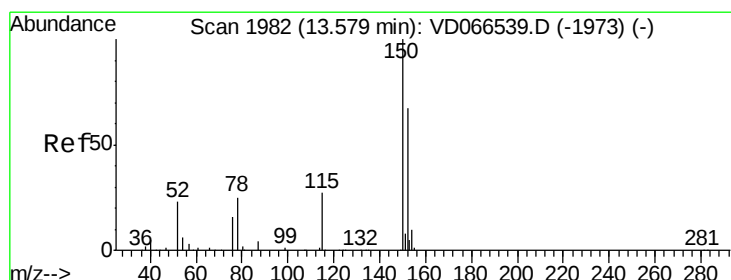
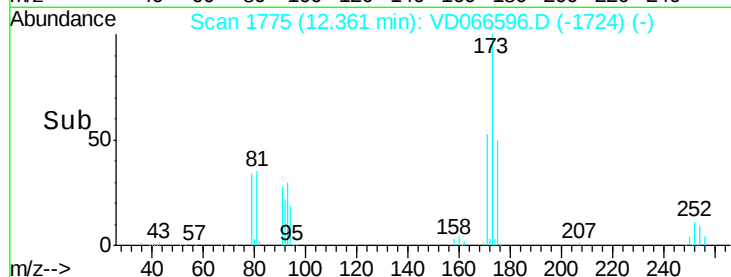
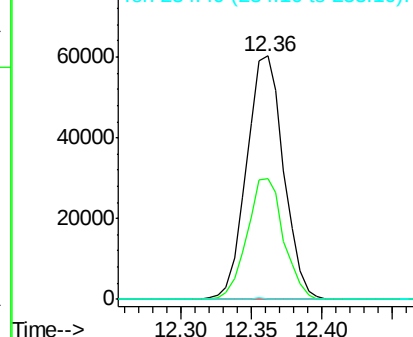


Abundance

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

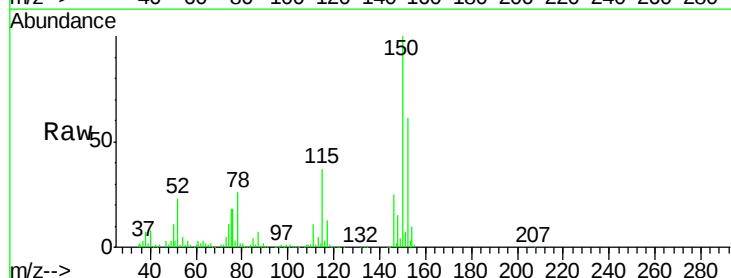
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.4	91.2
150	170.4	0.0	345.8

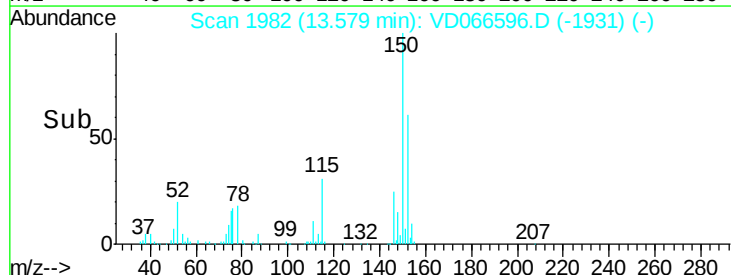
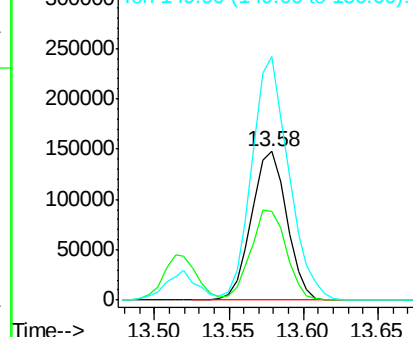


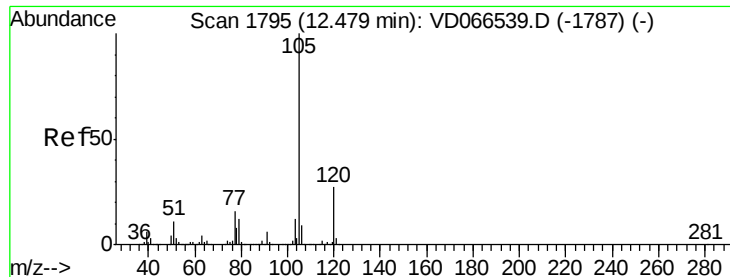
Abundance

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: 54.002 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 967193

Ion Ratio Lower Upper

105 100

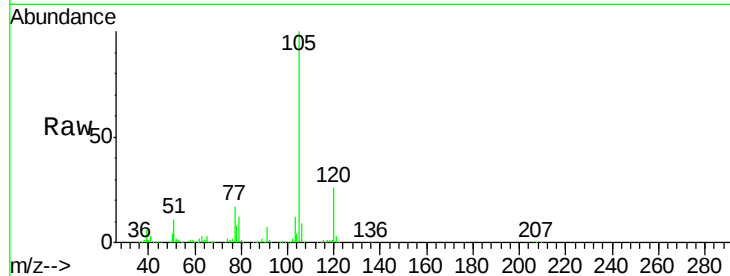
120 26.1 13.0 39.0

Manual Integrations

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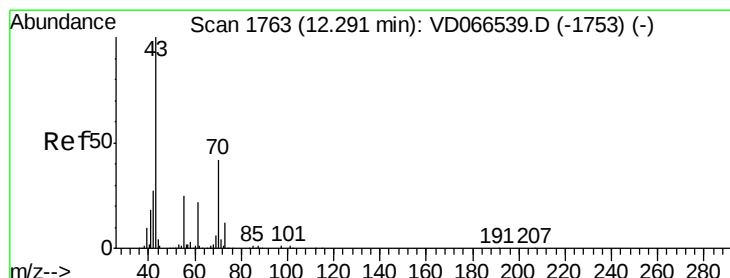
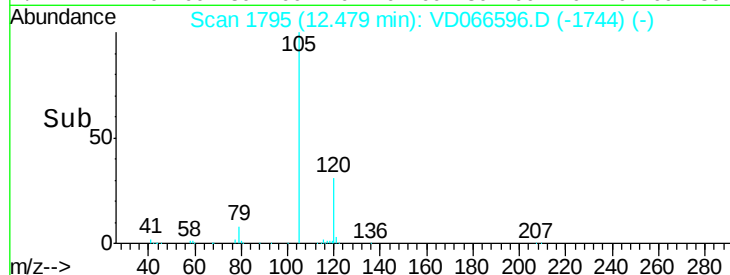
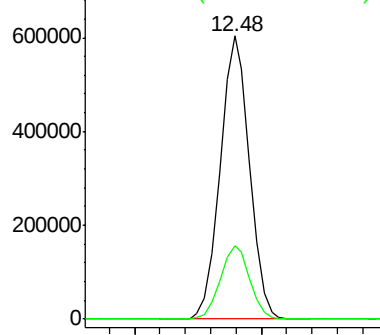
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.494 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Tgt Ion: 43 Resp: 229164

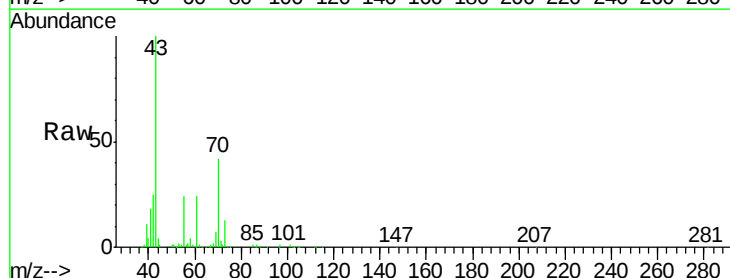
Ion Ratio Lower Upper

43 100

70 40.2 33.4 50.2

55 25.6 20.1 30.1

61 23.5 18.2 27.2

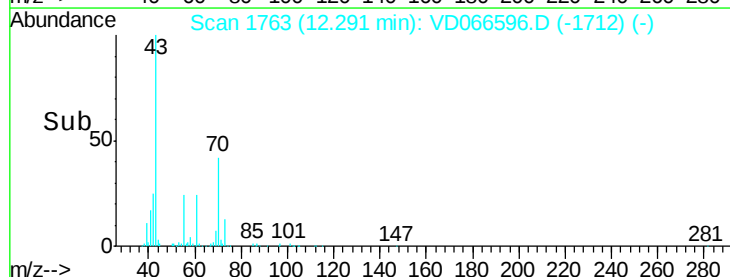
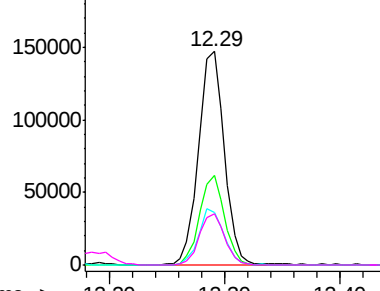


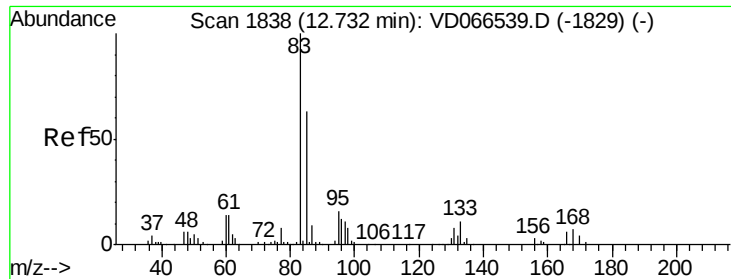
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 55.391 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

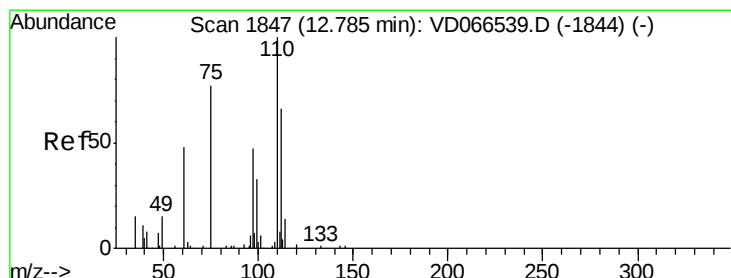
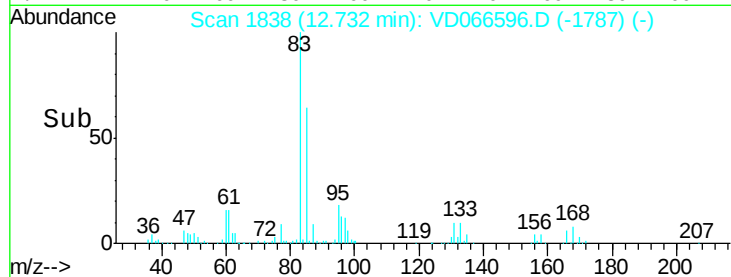
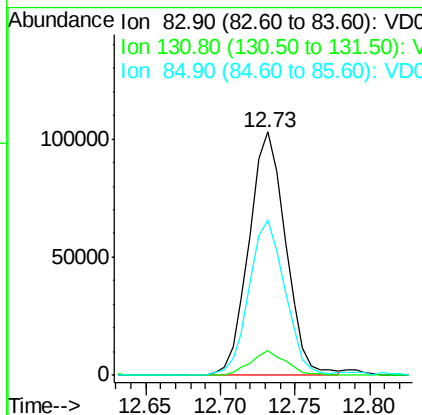
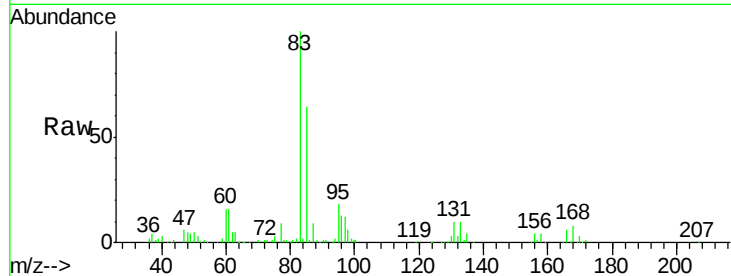
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	175266
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	62.5	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.651 ug/l m

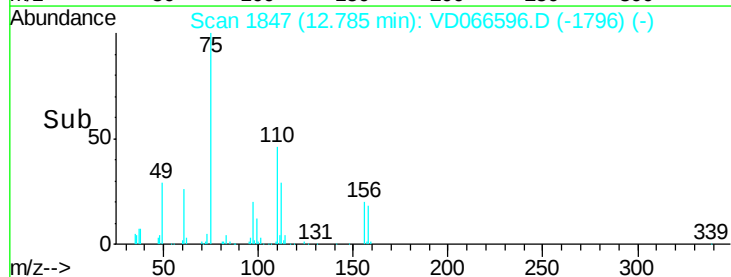
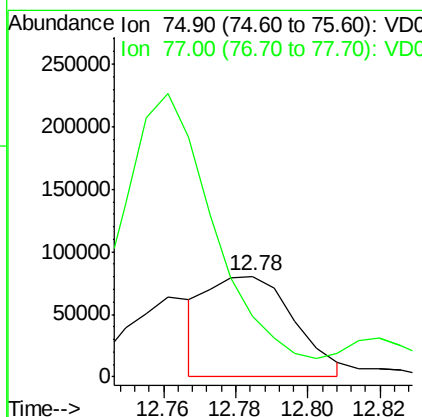
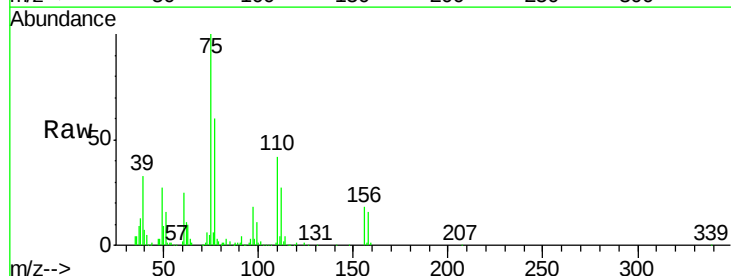
RT: 12.78 min Scan# 1847

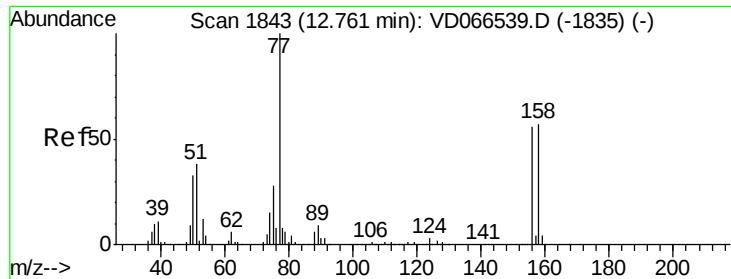
Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Tgt Ion:	75	Resp:	134122
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.177 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

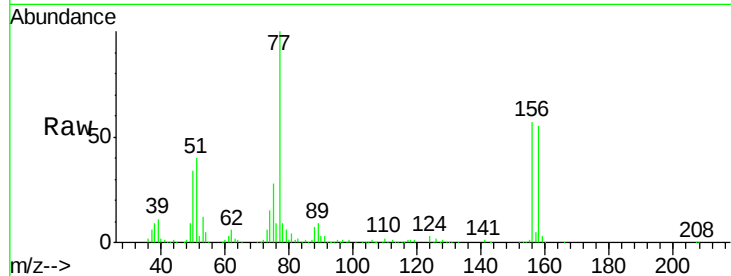
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	216328
Ion	Ratio	Lower	Upper
156	100		
77	194.8	98.0	294.1
158	96.5	48.1	144.3

Manual Integrations
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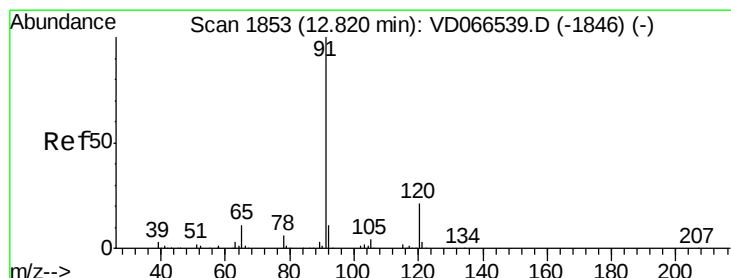
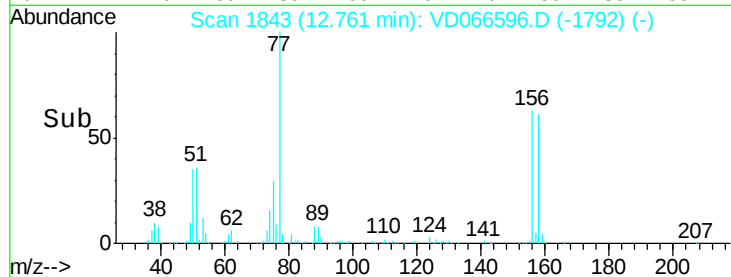
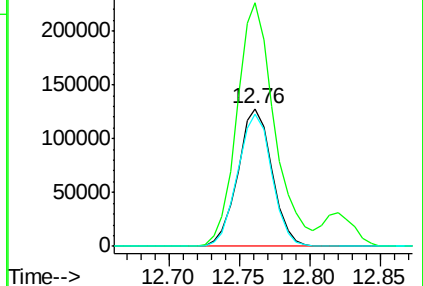
MMDadoda
9/10/2020 10:46:59 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.940 ug/l

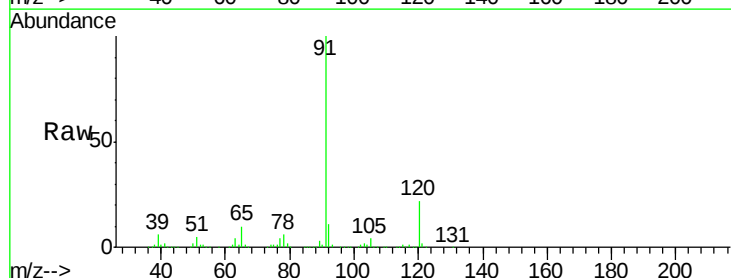
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066596.D

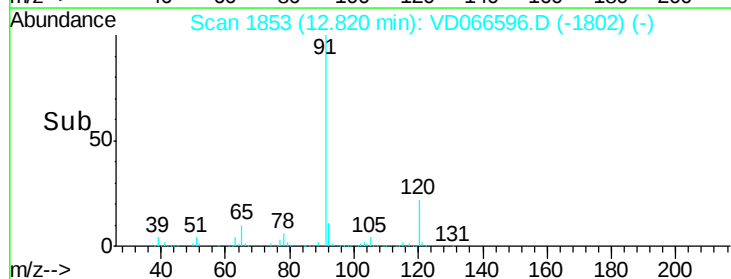
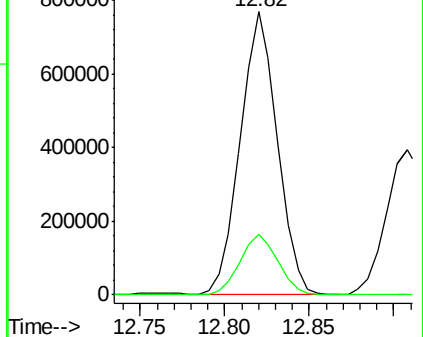
Acq: 09 Sep 2020 22:32

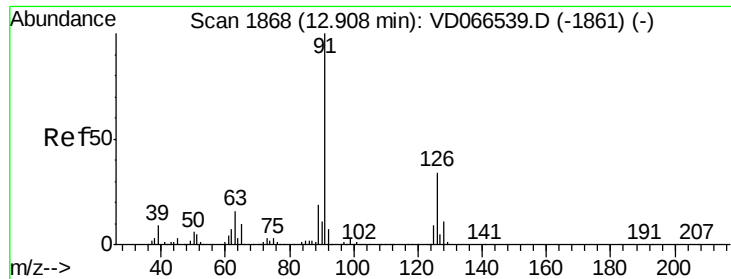
Tgt Ion:	91	Resp:	1171134
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





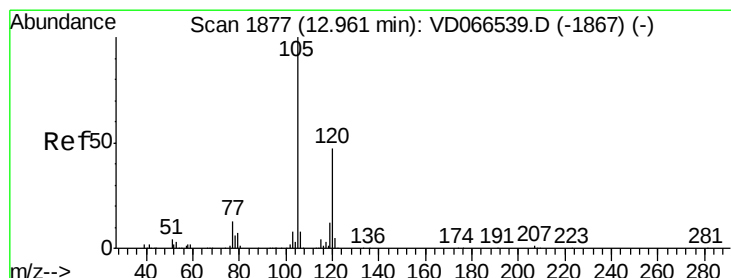
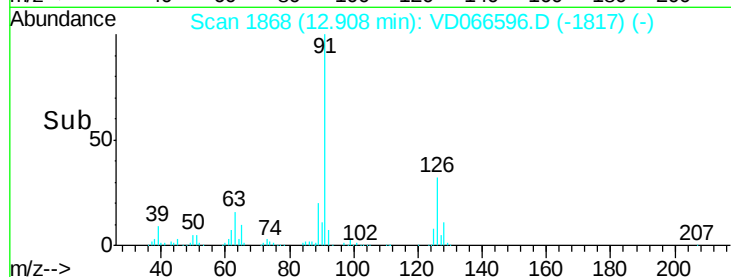
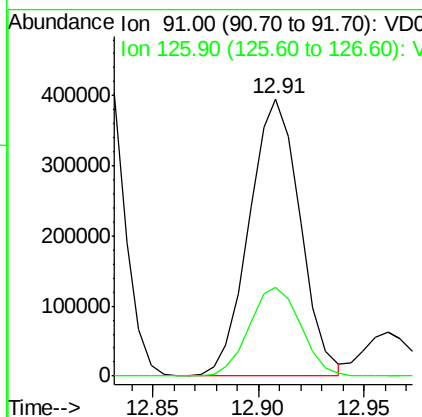
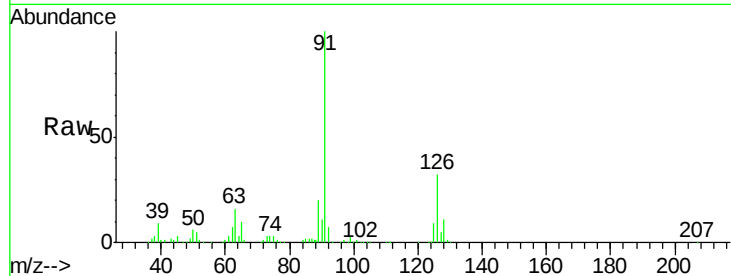
#79
2-Chlorotoluene
Concen: 54.330 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.4

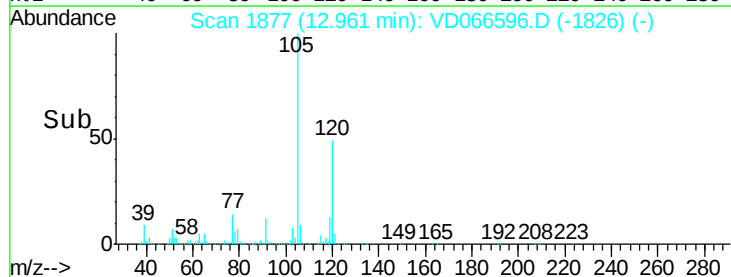
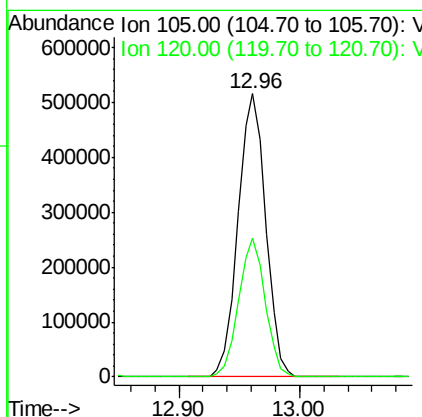
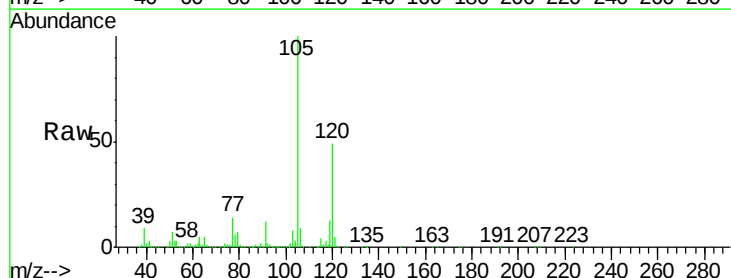
Manual Integrations
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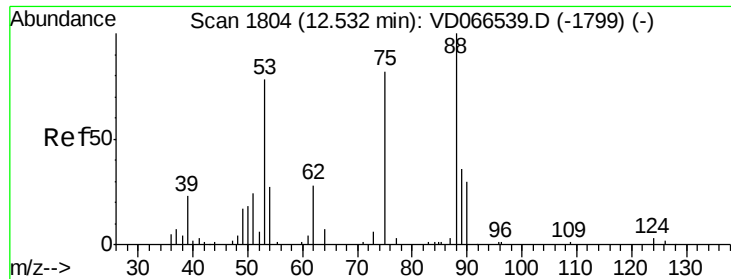
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 54.668 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.9	71.8





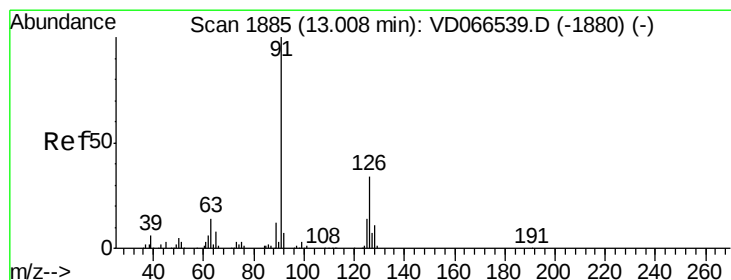
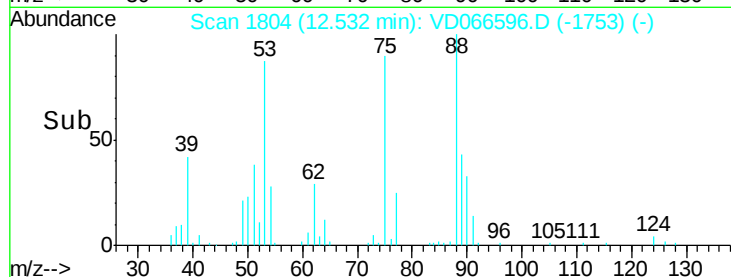
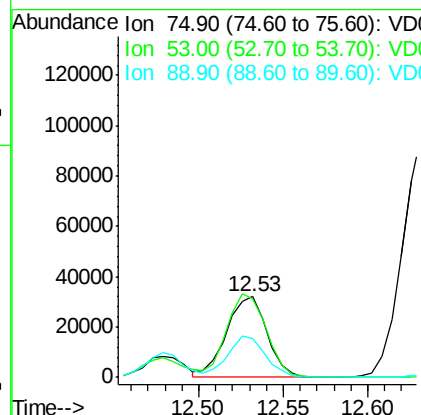
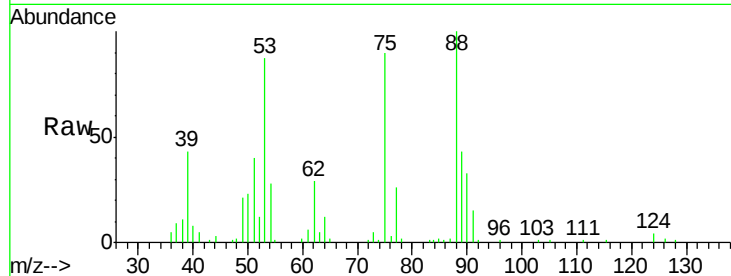
#81
trans-1,4-Dichloro-2-butene
Concen: 54.064 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.2	87.0	130.4
89	47.4	37.1	55.7

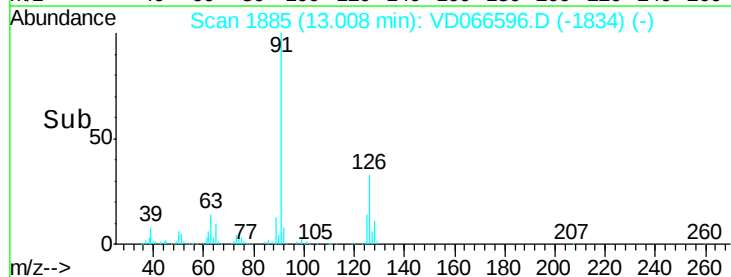
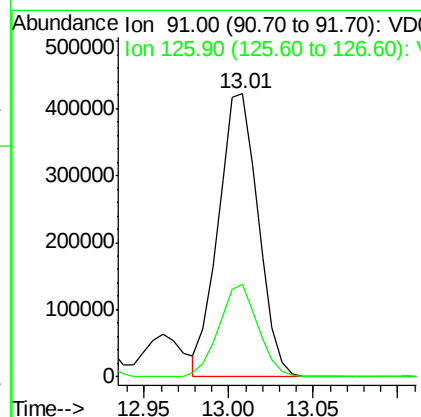
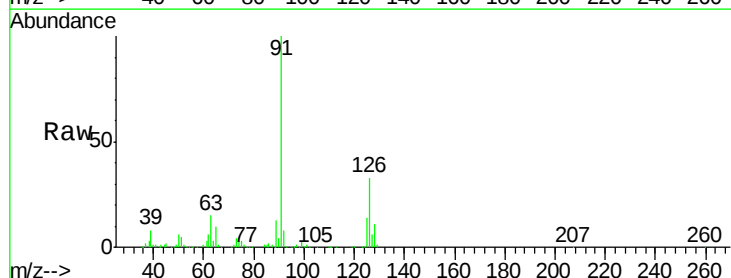
Manual Integrations
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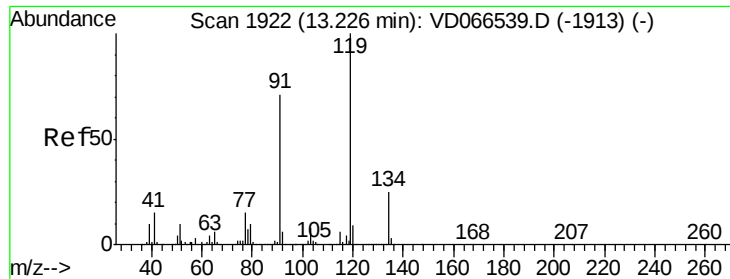
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#82
4-Chlorotoluene
Concen: 53.236 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.4	49.1





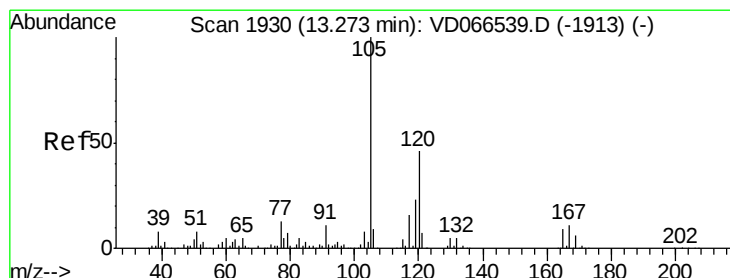
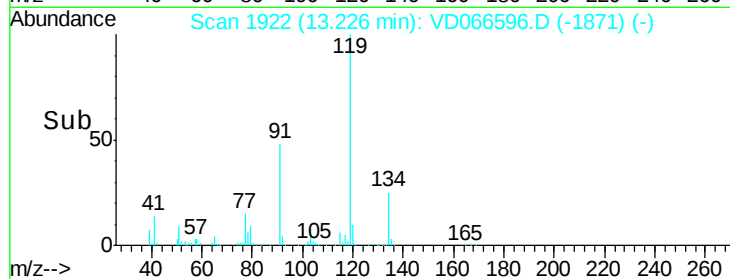
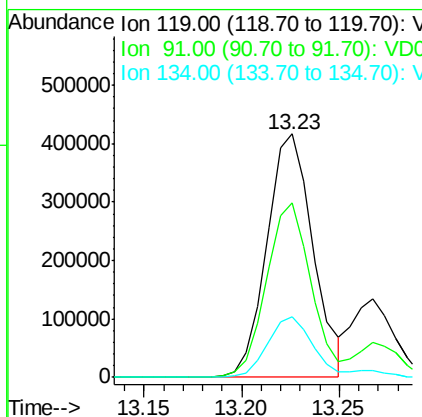
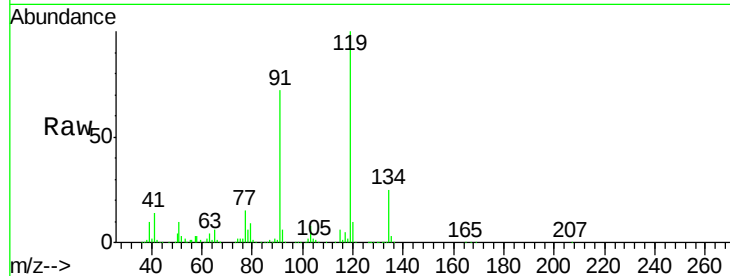
#83
tert-Butylbenzene
Concen: 55.606 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	35.2	105.6
134	24.5	13.5	40.5

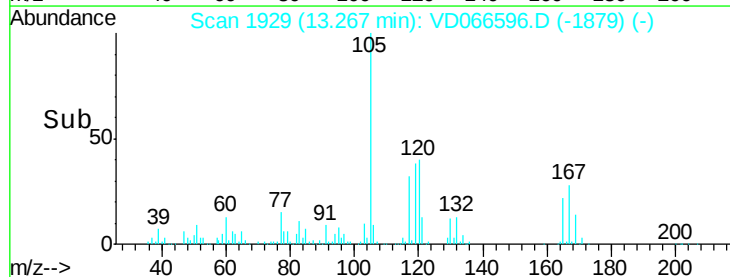
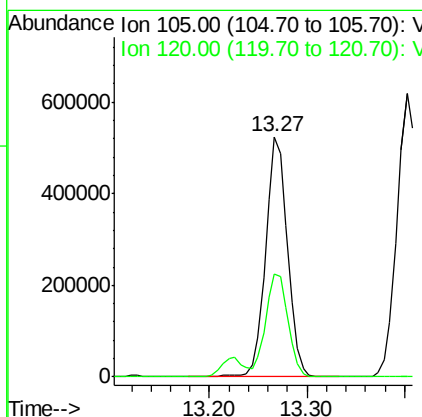
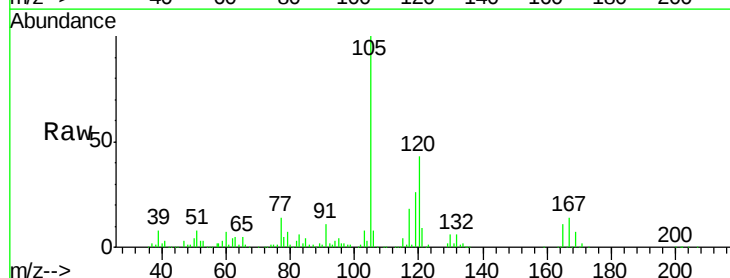
Manual Integrations
APPROVED

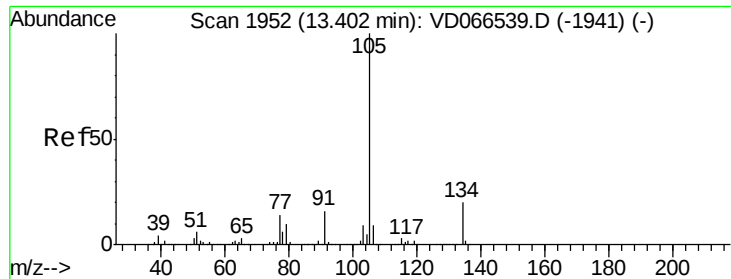
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 54.645 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 53.546 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 949667

Ion Ratio Lower Upper

105 100

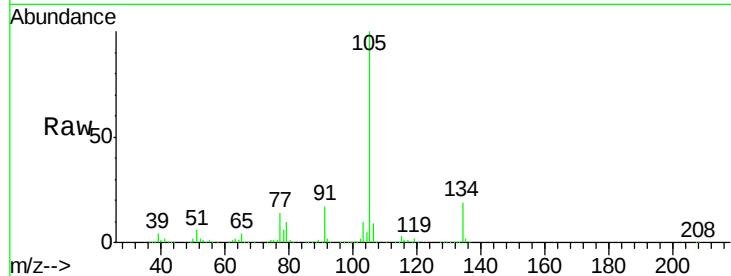
134 19.4 9.8 29.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

600000

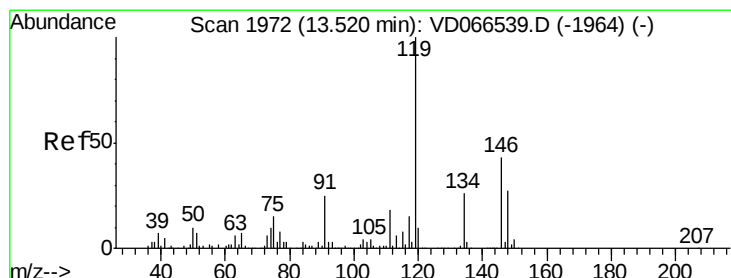
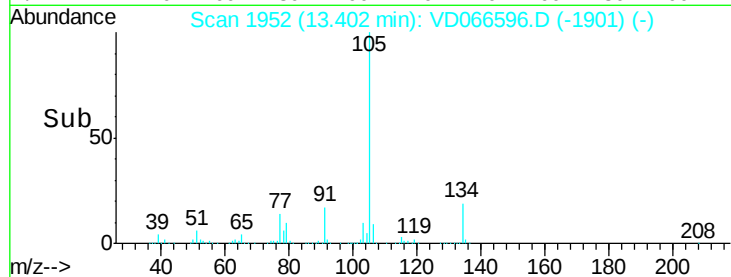
400000

200000

0

13.30 13.40 13.50

Time-->



#86

p-Isopropyltoluene

Concen: 54.958 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

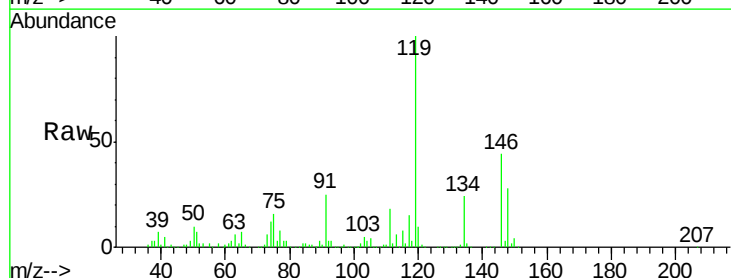
Tgt Ion:119 Resp: 877298

Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.0

91 25.2 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

600000

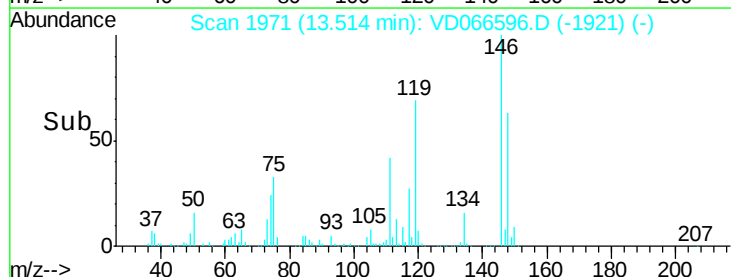
400000

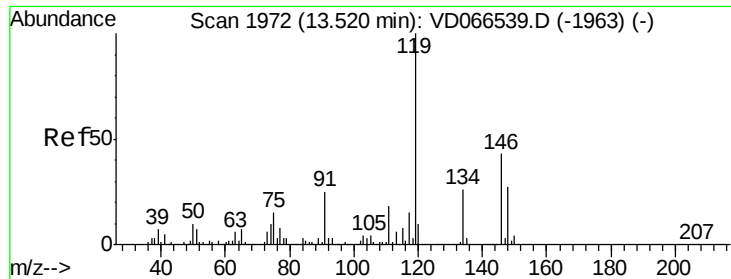
200000

0

13.40 13.50 13.60

Time-->





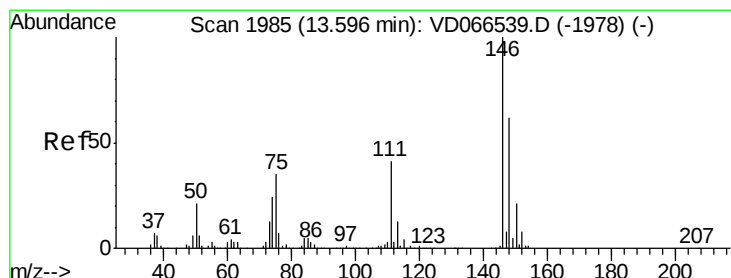
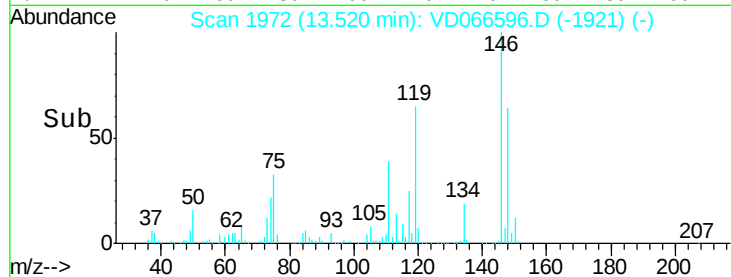
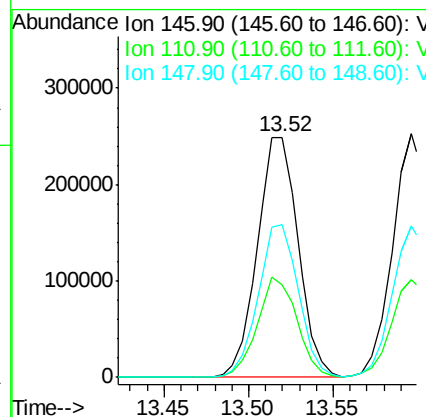
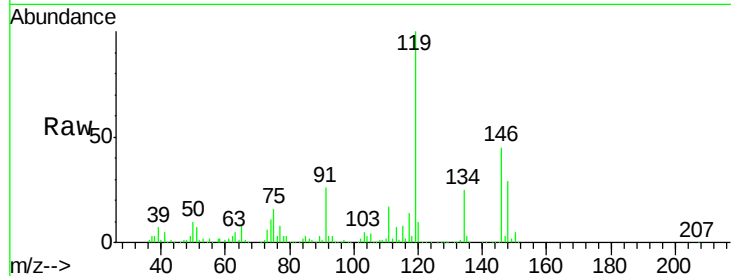
#87
 1,3-Dichlorobenzene
 Concen: 52.930 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.4	20.6	61.9	
148	62.6	32.1	96.3	

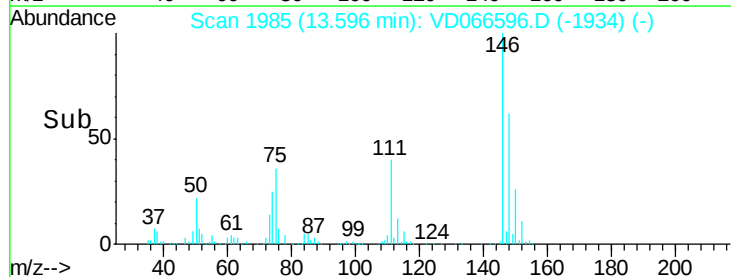
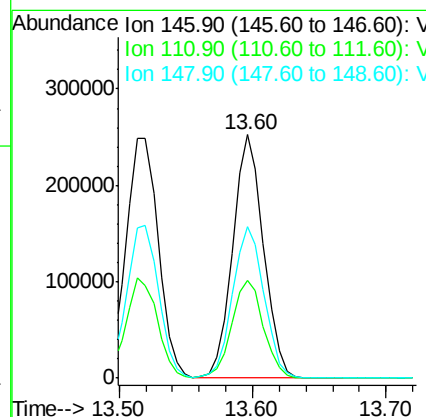
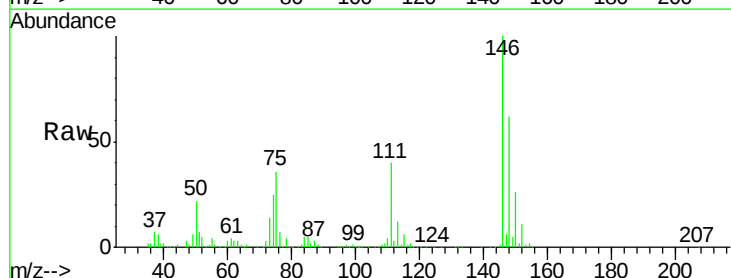
Manual Integrations
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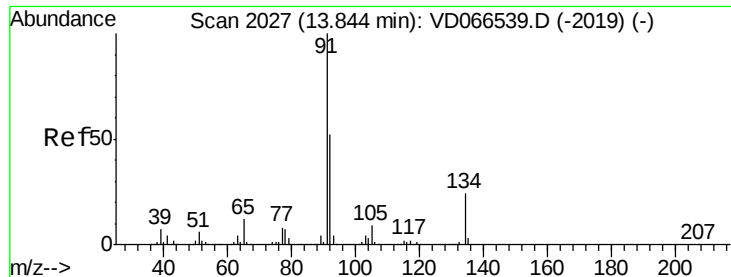
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#88
 1,4-Dichlorobenzene
 Concen: 50.976 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.5	20.1	60.2	
148	63.6	31.6	94.8	





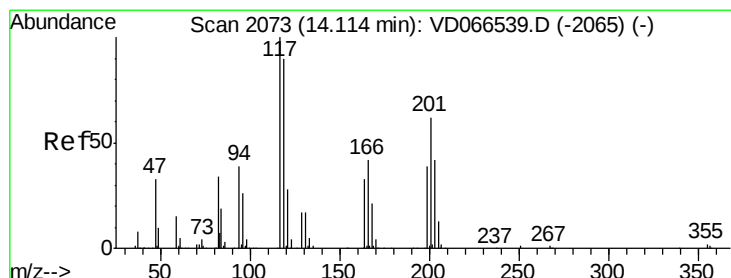
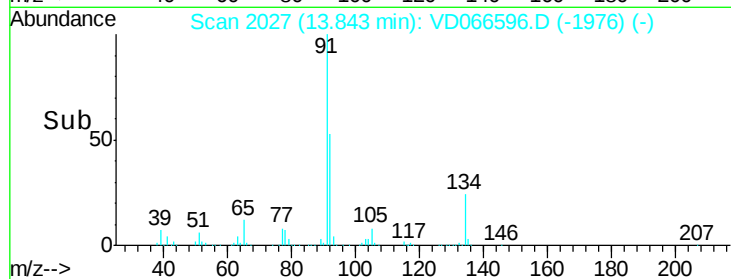
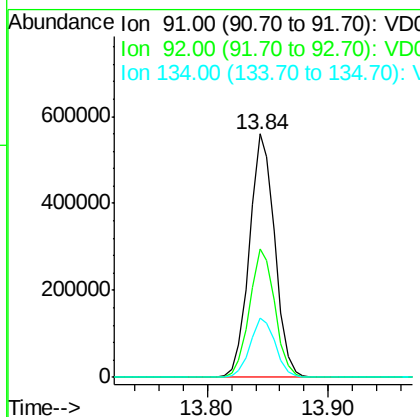
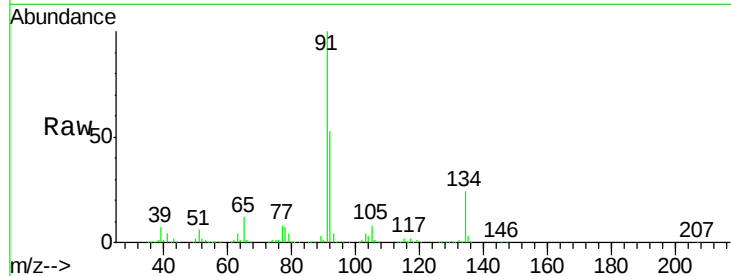
#89
n-Butylbenzene
Concen: 52.543 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.0	26.5	79.5	
134	24.5	12.1	36.3	

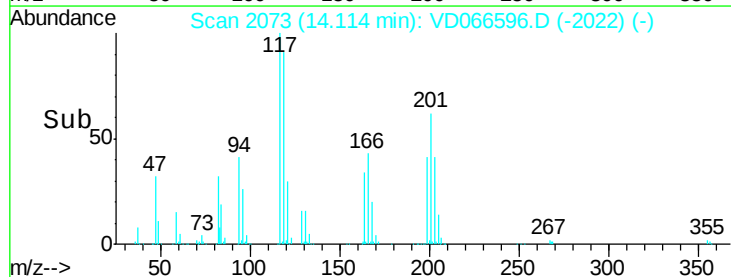
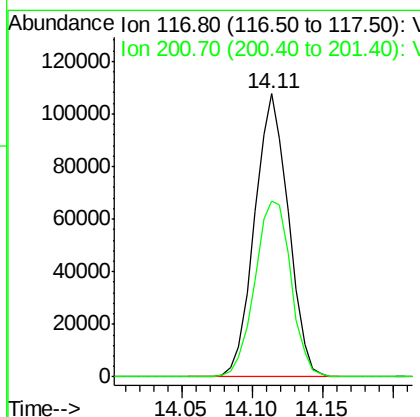
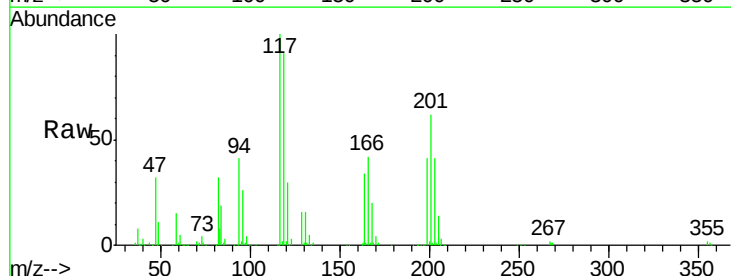
Manual Integrations
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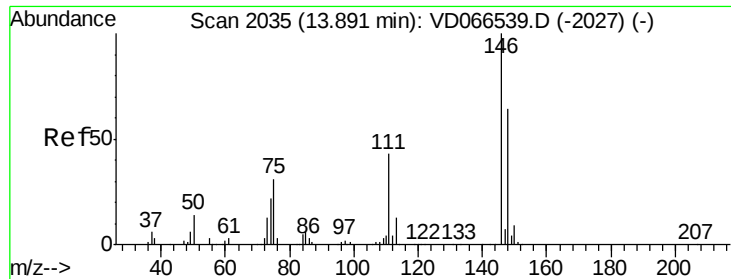
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#90
Hexachloroethane
Concen: 52.794 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.2	31.9	95.5	





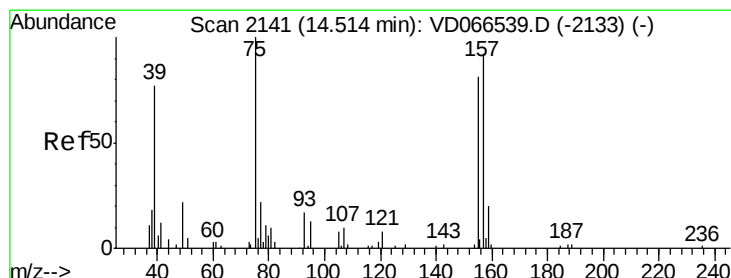
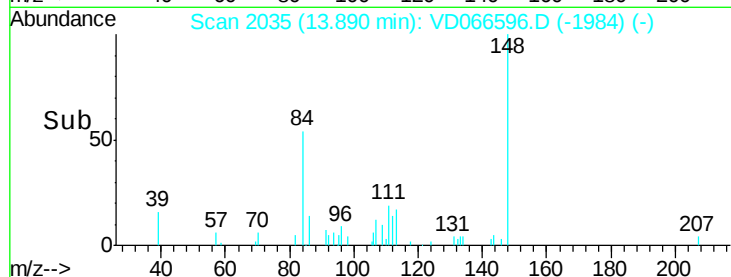
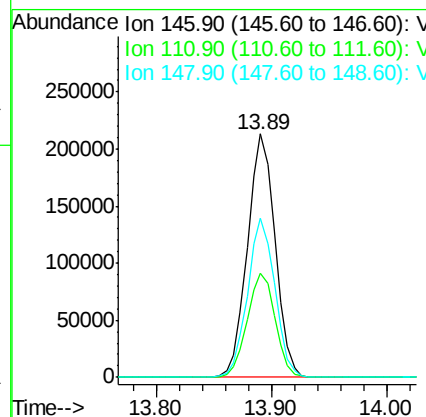
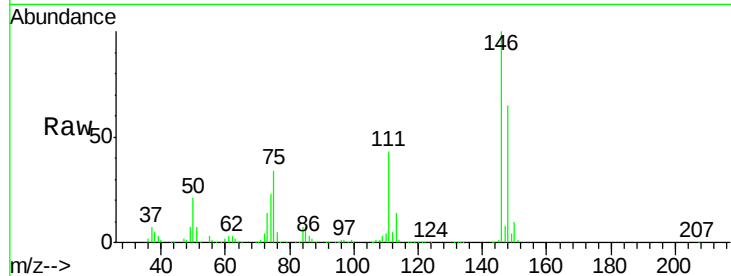
#91
 1,2-Dichlorobenzene
 Concen: 51.246 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	355072		
111	43.1	21.1	63.4	
148	64.5	31.8	95.3	

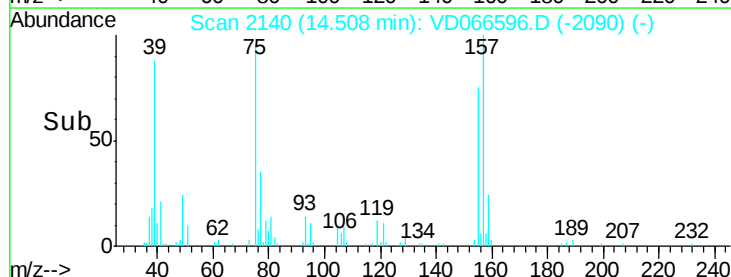
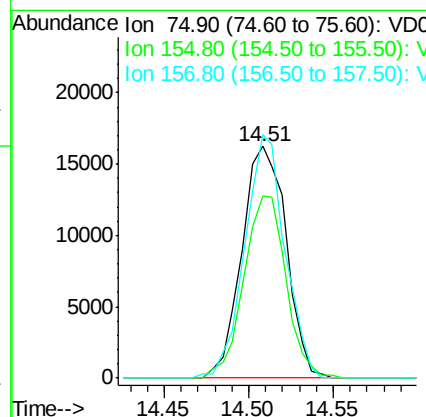
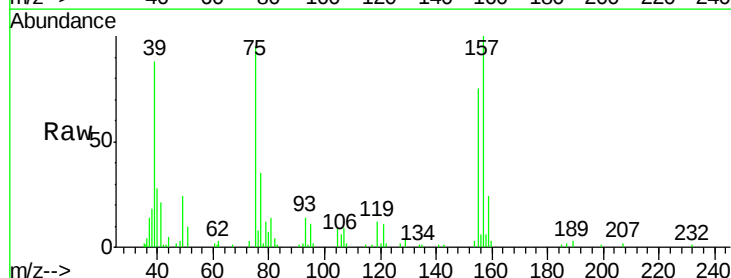
Manual Integrations
 APPROVED

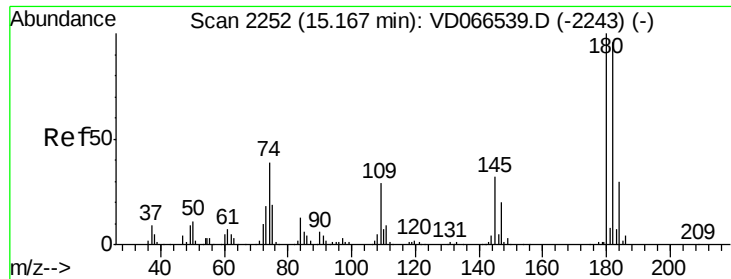
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.101 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29617		
155	74.9	39.3	117.8	
157	95.5	46.0	137.8	





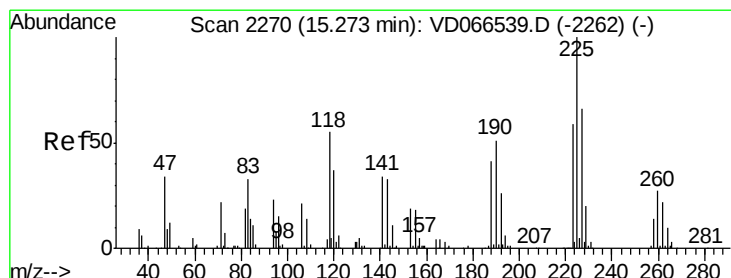
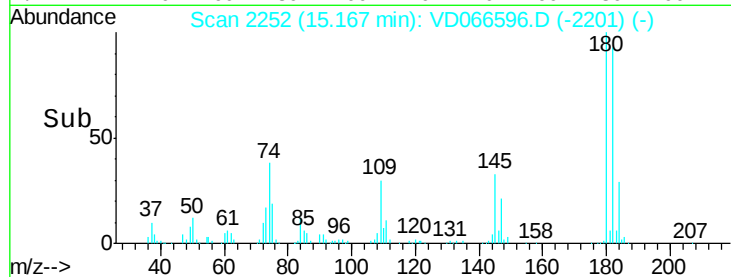
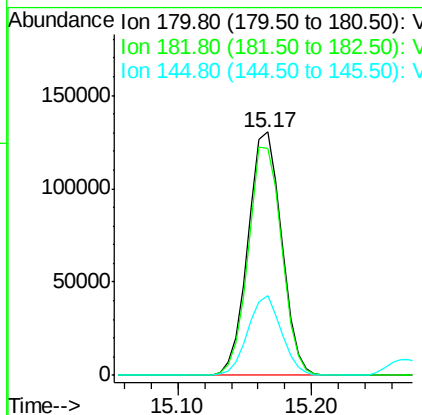
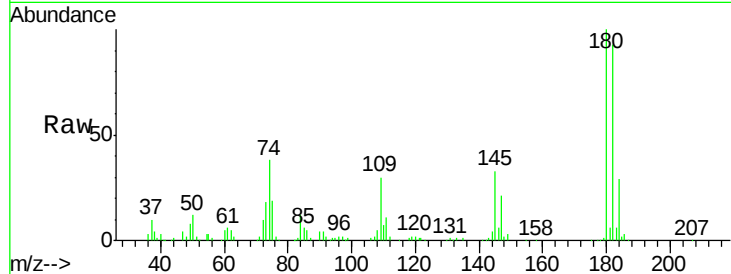
#93
 1,2,4-Trichlorobenzene
 Concen: 54.606 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	227070		
182	93.1	48.4	145.0	
145	32.3	16.7	50.0	

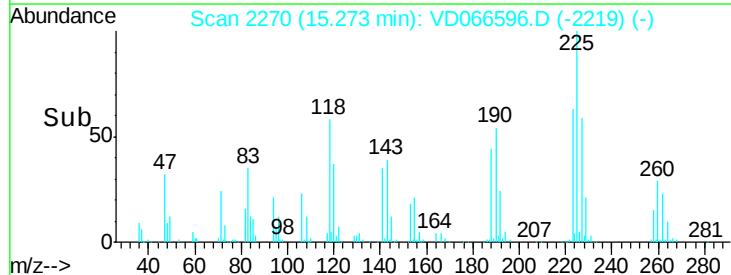
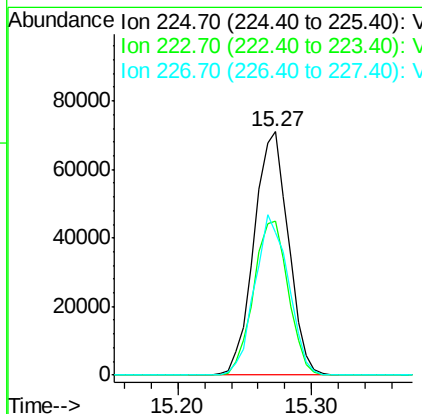
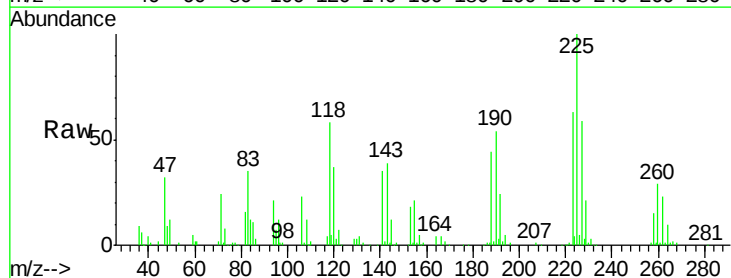
Manual Integrations
 APPROVED

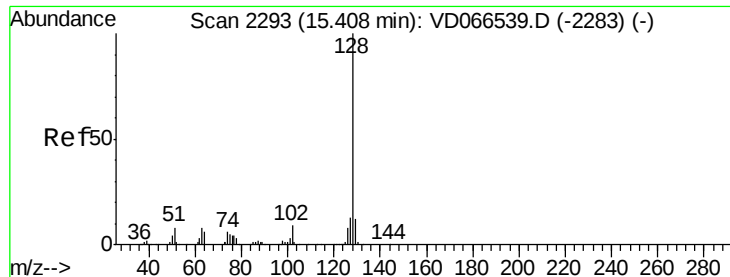
MMDadoda
 9/10/2020 10:46:59 AM



#94
 Hexachlorobutadiene
 Concen: 50.635 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	126495		
223	63.8	30.5	91.5	
227	64.6	32.4	97.2	





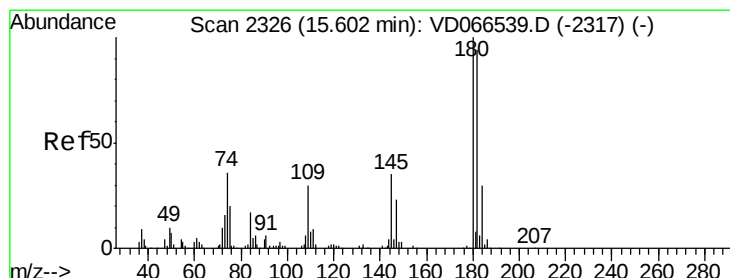
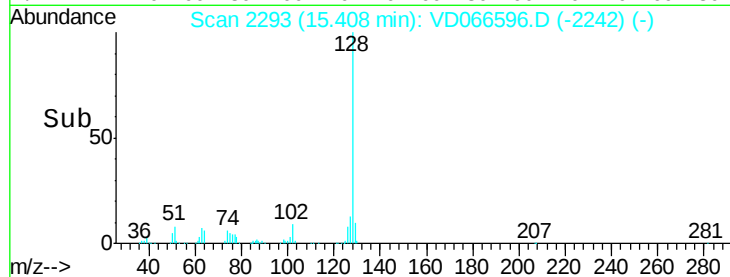
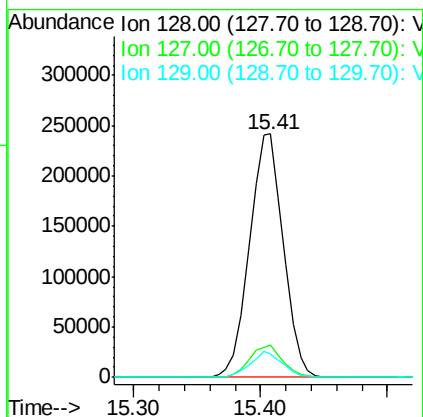
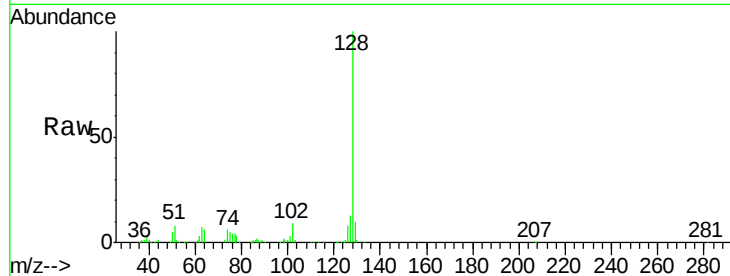
#95
Naphthalene
Concen: 61.670 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	10.2	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/10/2020 10:46:59 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.707 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.6
145	35.2	17.3	51.7

