

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067759.D
 Acq On : 24 Nov 2020 10:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 11/25/2020 2:01:51 PM

Quant Time: Nov 25 02:14:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	292732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	399721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	358717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	182544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	133636	46.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.90%
35) Dibromofluoromethane	7.92	113	126049	49.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.10%
50) Toluene-d8	10.34	98	473217	50.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.76%
62) 4-Bromofluorobenzene	12.64	95	154925	48.74	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.48%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	121205	47.579	ug/l	96
3) Chloromethane	2.21	50	65780	46.382	ug/l	100
4) Vinyl Chloride	2.35	62	83971	47.251	ug/l	94
5) Bromomethane	2.77	94	70392	46.491	ug/l	94
6) Chloroethane	2.93	64	53667	45.311	ug/l	97
7) Trichlorofluoromethane	3.28	101	248552	45.833	ug/l	98
8) Diethyl Ether	3.70	74	46205	42.200	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	116583	44.894	ug/l	99
10) Methyl Iodide	4.30	142	129029	48.543	ug/l	99
11) Tert butyl alcohol	5.21	59	33406	217.989	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	103947	43.259	ug/l	94
13) Acrolein	3.92	56	24339	206.305	ug/l	91
14) Allyl chloride	4.72	41	104735	45.090	ug/l	98
15) Acrylonitrile	5.42	53	80273	210.500	ug/l	95
16) Acetone	4.15	43	96585	262.672	ug/l	97
17) Carbon Disulfide	4.41	76	311279	44.789	ug/l	99
18) Methyl Acetate	4.71	43	30779	41.607	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	222230	43.274	ug/l	97
20) Methylene Chloride	4.96	84	115890	40.228	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	123509	45.210	ug/l	98
22) Diisopropyl ether	6.37	45	202983	44.270	ug/l	95
23) Vinyl Acetate	6.31	43	597393	230.975	ug/l	95
24) 1,1-Dichloroethane	6.27	63	177138	45.568	ug/l	99
25) 2-Butanone	7.21	43	93063	225.544	ug/l	89
26) 2,2-Dichloropropane	7.21	77	206334	44.992	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	129317	44.410	ug/l	99
28) Bromochloromethane	7.55	49	59691	47.937	ug/l	99
29) Tetrahydrofuran	7.56	42	51672	220.258	ug/l	96
30) Chloroform	7.71	83	219762	43.232	ug/l	100
31) Cyclohexane	7.99	56	144075	41.835	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	235008	43.653	ug/l	98
36) 1,1-Dichloropropene	8.12	75	167248	48.760	ug/l	99
37) Ethyl Acetate	7.29	43	40421	43.826	ug/l	98
38) Carbon Tetrachloride	8.10	117	232174	46.696	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	196471	48.401	ug/l	96
40) Benzene	8.36	78	434843	46.159	ug/l	97
41) Methacrylonitrile	7.54	41	26896m	57.108	ug/l	
42) 1,2-Dichloroethane	8.43	62	145223	45.433	ug/l	99
43) Isopropyl Acetate	8.46	43	84402	45.824	ug/l	99
44) Trichloroethene	9.11	130	144703	46.346	ug/l	99
45) 1,2-Dichloropropane	9.39	63	87478	45.255	ug/l	94
46) Dibromomethane	9.48	93	60355	45.862	ug/l	97
47) Bromodichloromethane	9.67	83	168956	46.104	ug/l	93
48) Methyl methacrylate	9.46	41	40553	44.039	ug/l	98
49) 1,4-Dioxane	9.46	88	12807	897.988	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	200412	231.234	ug/l	99
52) Toluene	10.41	92	303229	47.448	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	147430	46.048	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	171598	47.359	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	77672	43.988	ug/l	96
56) Ethyl methacrylate	10.67	69	83745	45.809	ug/l	97
57) 1,3-Dichloropropane	10.95	76	129159	46.392	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	228443	267.438	ug/l	100
59) 2-Hexanone	10.98	43	152043	248.468	ug/l	97
60) Dibromochloromethane	11.14	129	121481	45.148	ug/l	99
61) 1,2-Dibromoethane	11.25	107	79670	45.792	ug/l	99
64) Tetrachloroethene	10.88	164	124575	44.744	ug/l #	81
65) Chlorobenzene	11.67	112	329713	46.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	137582	48.242	ug/l	96
67) Ethyl Benzene	11.75	91	579946	47.648	ug/l	99
68) m/p-Xylenes	11.86	106	456043	96.283	ug/l	100
69) o-Xylene	12.18	106	207522	48.121	ug/l	98
70) Styrene	12.20	104	355858	48.445	ug/l	97
71) Bromoform	12.37	173	70818	45.743	ug/l #	100
73) Isopropylbenzene	12.48	105	589737	49.101	ug/l	100
74) N-amyl acetate	12.29	43	70477	44.496	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	73495	45.595	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	65902m	51.800	ug/l	
77) Bromobenzene	12.76	156	140332	46.675	ug/l	98
78) n-propylbenzene	12.83	91	659260	49.337	ug/l	100
79) 2-Chlorotoluene	12.91	91	377544	47.722	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	508250	48.653	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	25855	47.532	ug/l	97
82) 4-Chlorotoluene	13.01	91	401285	47.603	ug/l	100
83) tert-Butylbenzene	13.23	119	448118	49.920	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	498807	47.799	ug/l	100
85) sec-Butylbenzene	13.40	105	567840	48.151	ug/l	99
86) p-Isopropyltoluene	13.52	119	554841	48.575	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	266556	45.810	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	263581	45.729	ug/l	98
89) n-Butylbenzene	13.84	91	471428	48.162	ug/l	100
90) Hexachloroethane	14.11	117	102888	47.318	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	230639	46.013	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14082	40.522	ug/l	84

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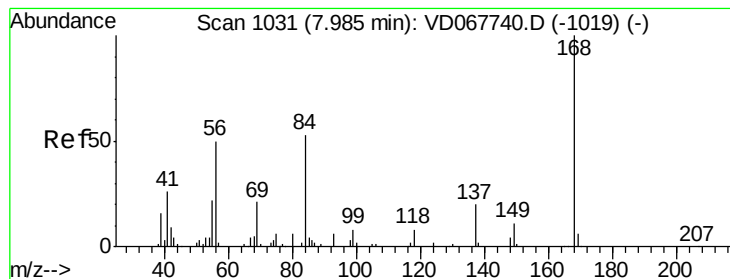
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	164095	46.235	ug/l	100
94) Hexachlorobutadiene	15.27	225	108745	47.955	ug/l	96
95) Naphthalene	15.40	128	262887	45.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	139506	46.146	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 292732

Ion Ratio Lower Upper

168 100

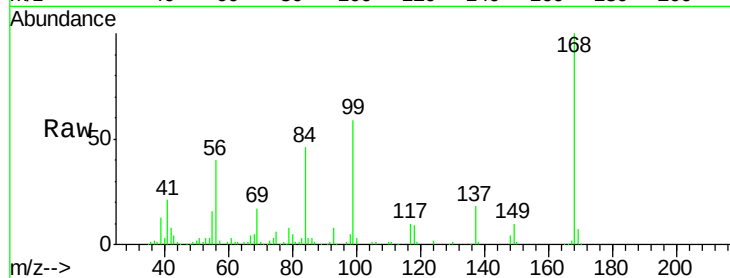
99 59.1 43.8 65.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

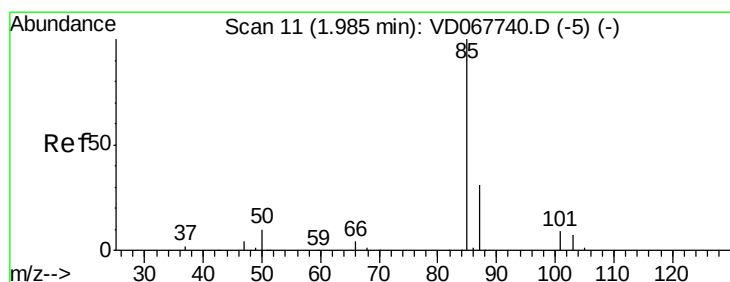
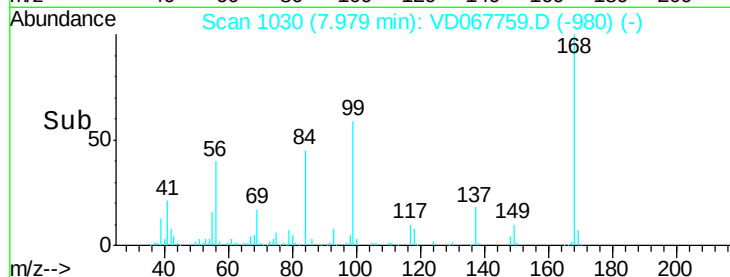
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100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 47.579 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067759.D

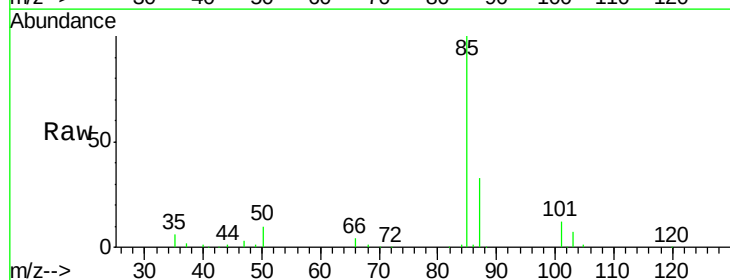
Acq: 24 Nov 2020 10:29

Tgt Ion: 85 Resp: 121205

Ion Ratio Lower Upper

85 100

87 33.2 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

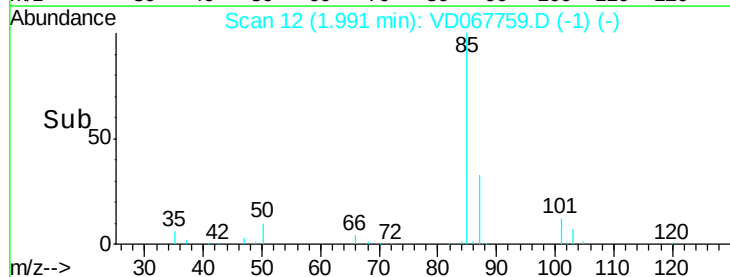
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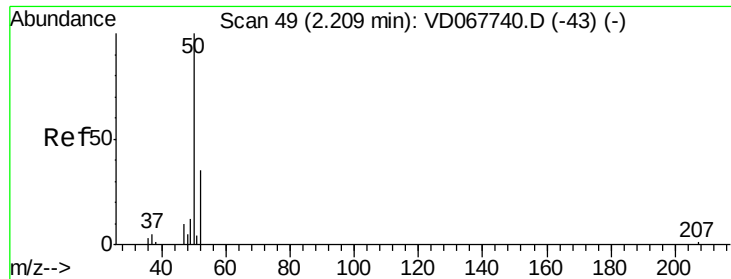
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20000

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Time-->





#3

Chloromethane

Concen: 46.382 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 65780

Ion Ratio Lower Upper

50 100

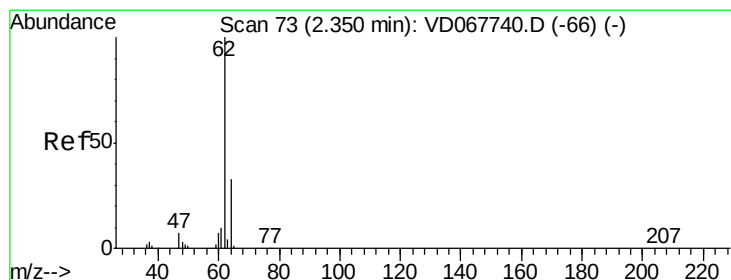
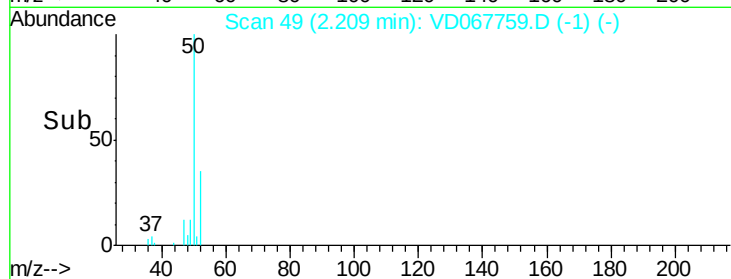
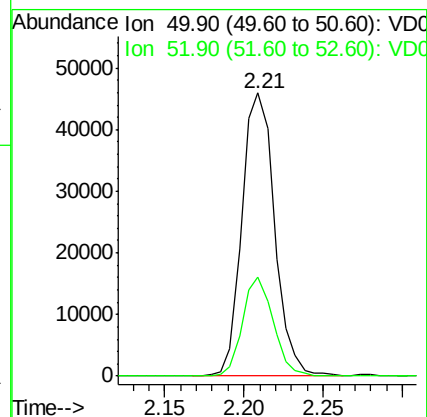
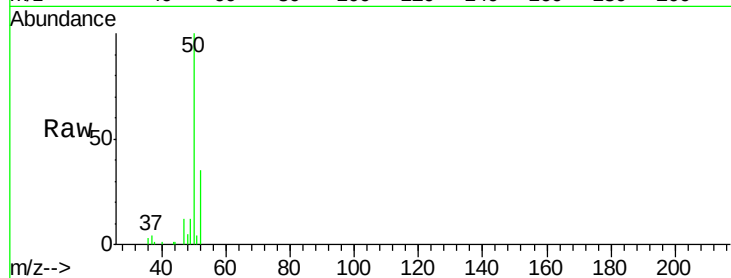
52 35.0 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.251 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067759.D

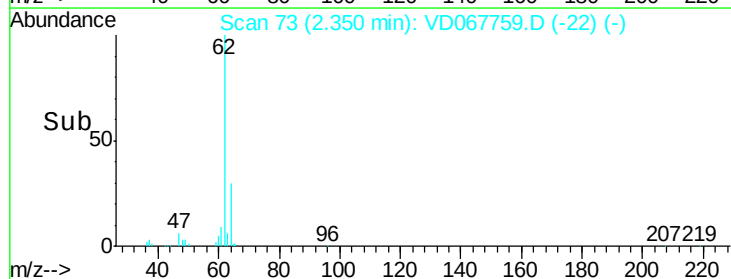
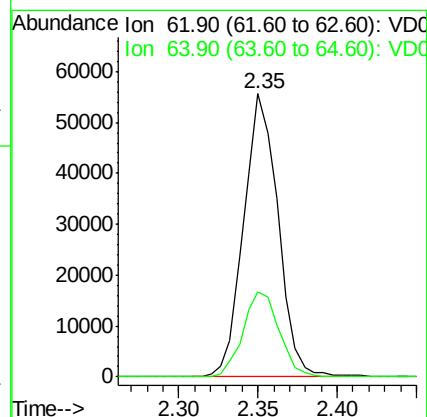
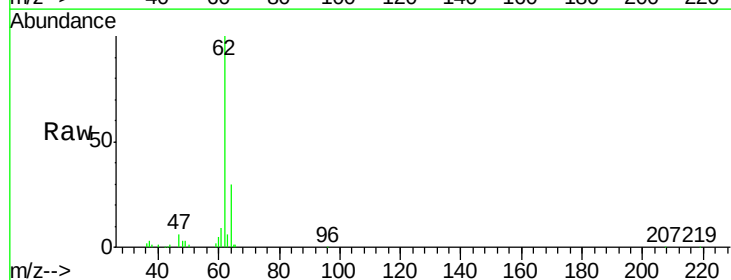
Acq: 24 Nov 2020 10:29

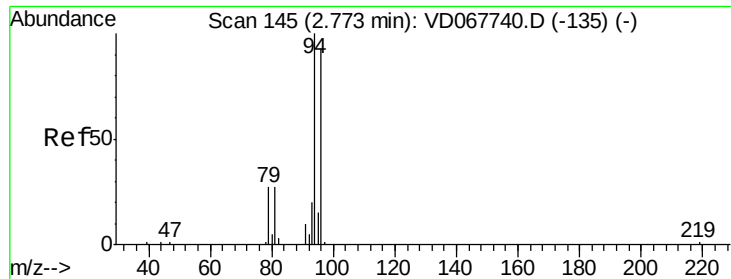
Tgt Ion: 62 Resp: 83971

Ion Ratio Lower Upper

62 100

64 30.1 26.6 40.0





#5

Bromomethane

Concen: 46.491 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 70392

Ion Ratio Lower Upper

94 100

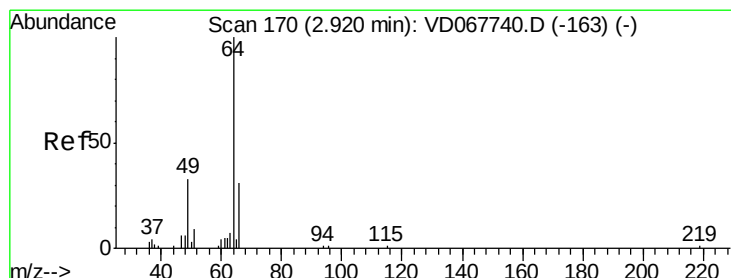
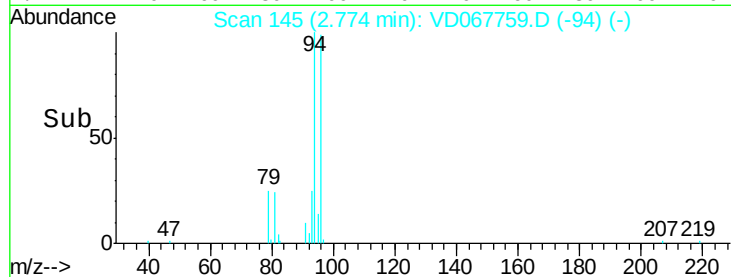
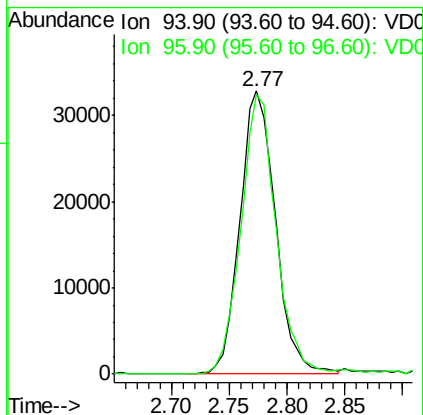
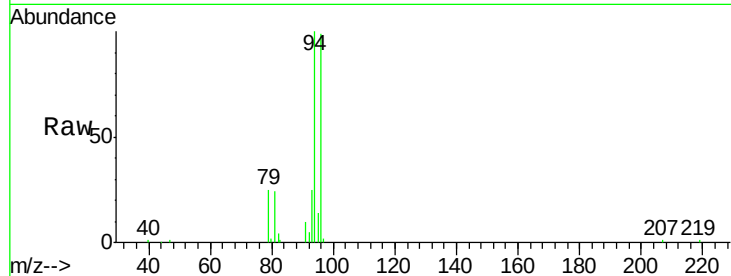
96 98.6 74.0 111.0

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#6

Chloroethane

Concen: 45.311 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067759.D

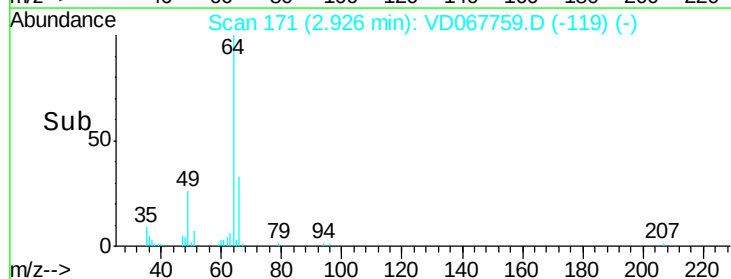
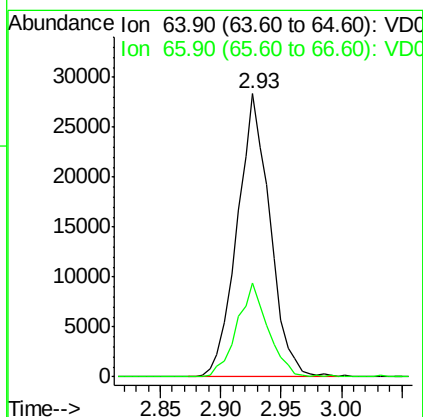
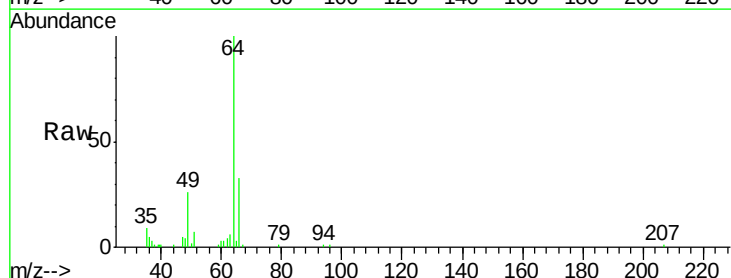
Acq: 24 Nov 2020 10:29

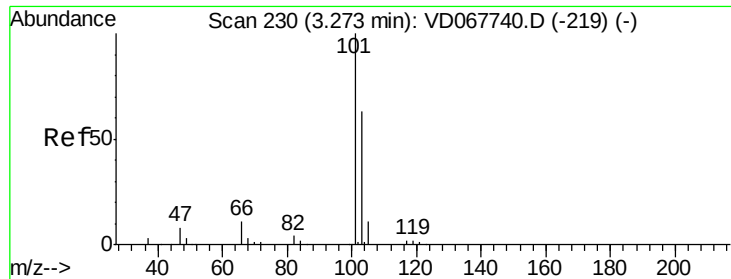
Tgt Ion: 64 Resp: 53667

Ion Ratio Lower Upper

64 100

66 33.2 25.1 37.7





#7

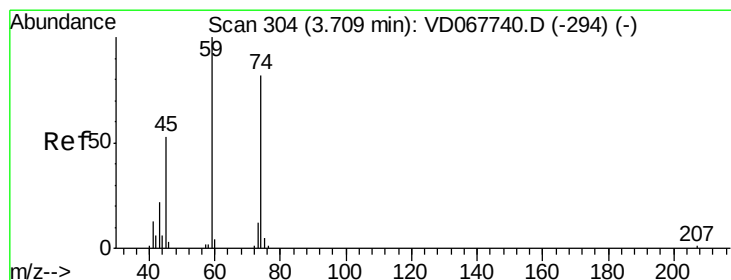
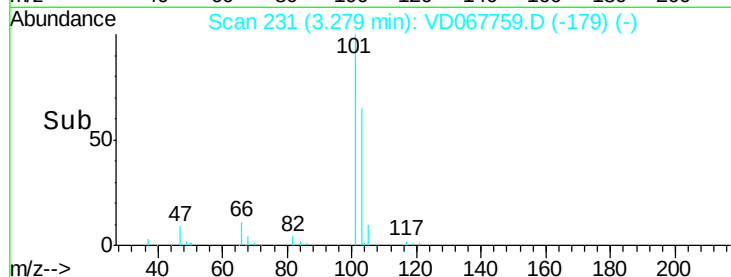
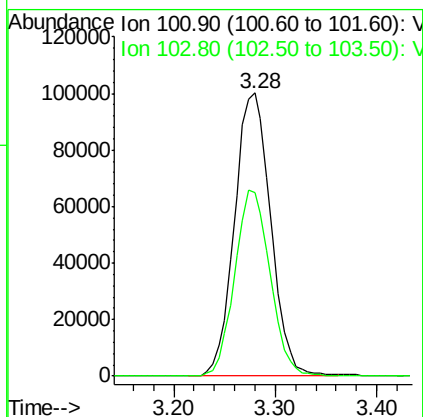
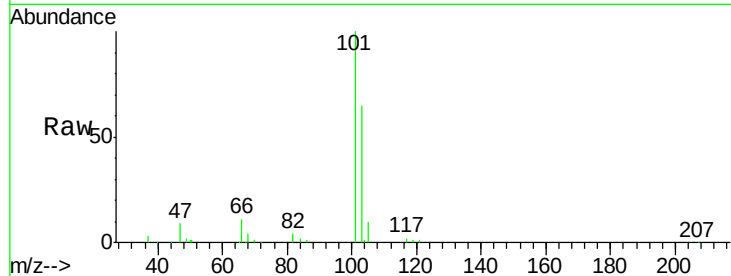
Trichlorofluoromethane
Concen: 45.833 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	248552		
103	64.7	50.3	75.5	

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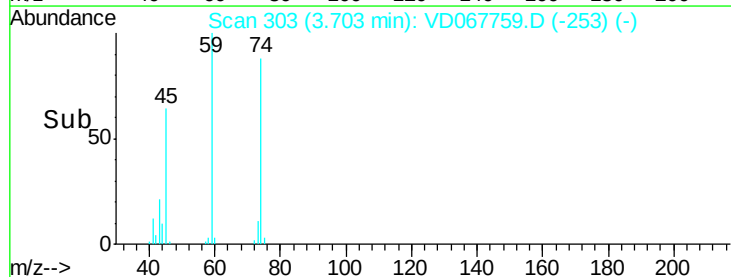
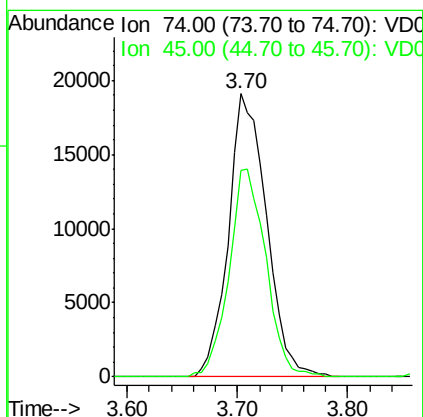
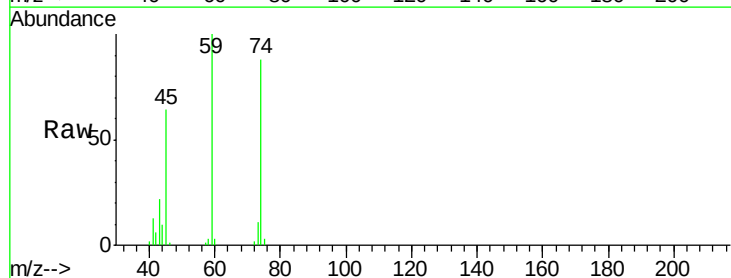
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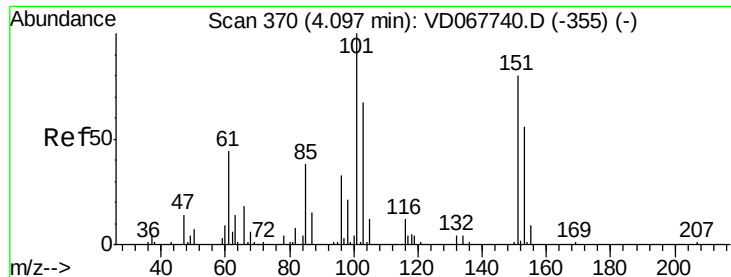


#8

Diethyl Ether
Concen: 42.200 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067759.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	46205		
45	71.0	35.9	107.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.894 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

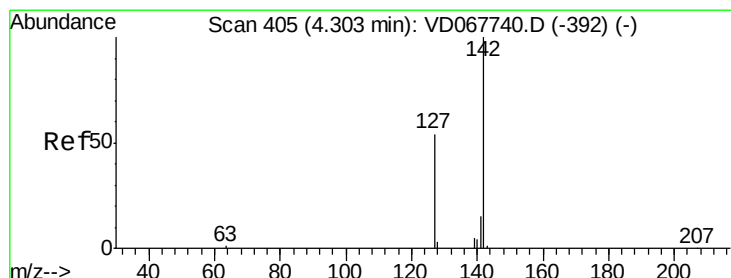
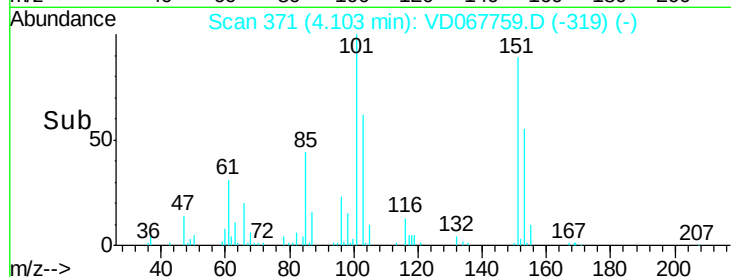
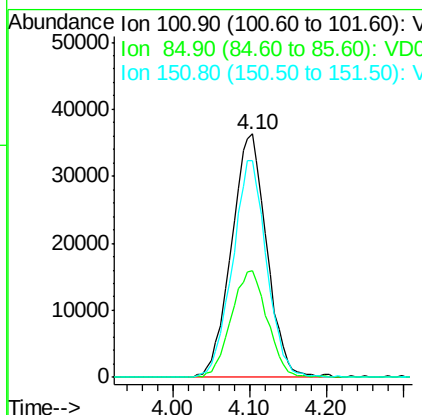
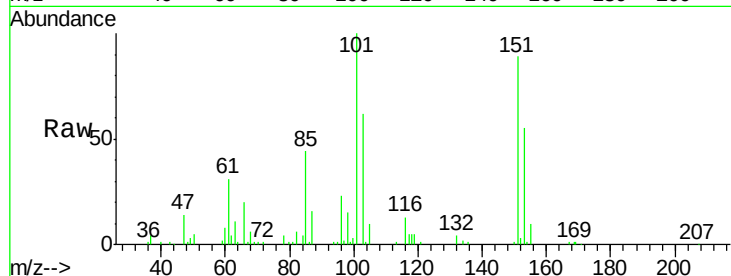
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	116583
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.5	53.3
151	86.0	69.4	104.0

Manual Integrations
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#10

Methyl Iodide

Concen: 48.543 ug/l

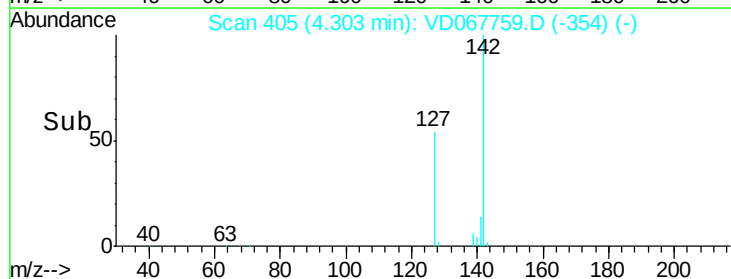
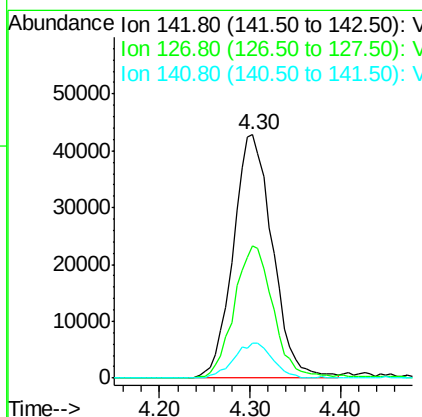
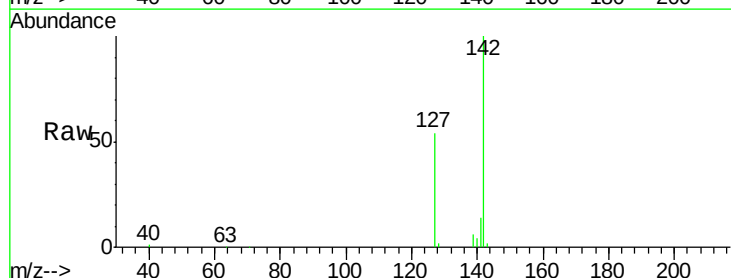
RT: 4.30 min Scan# 405

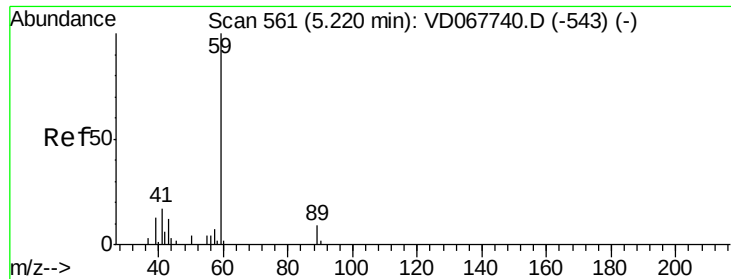
Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Tgt Ion:	142	Resp:	129029
Ion Ratio	Lower	Upper	
142	100		
127	53.6	42.2	63.2
141	14.1	11.8	17.6





#11

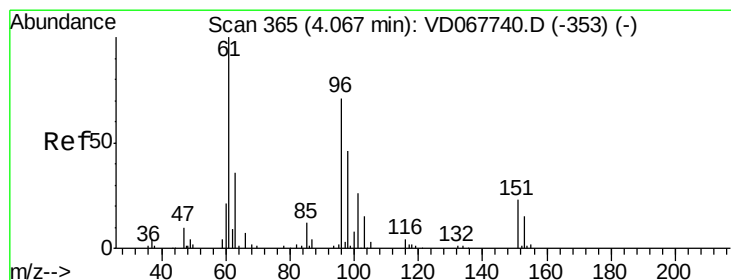
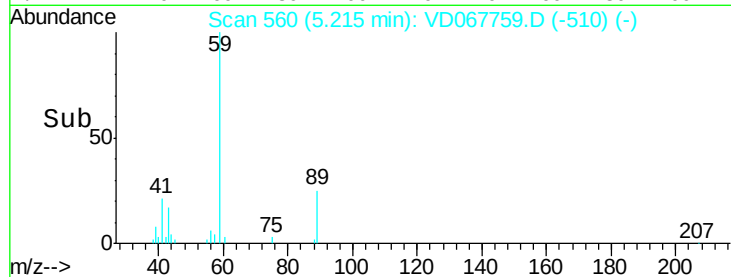
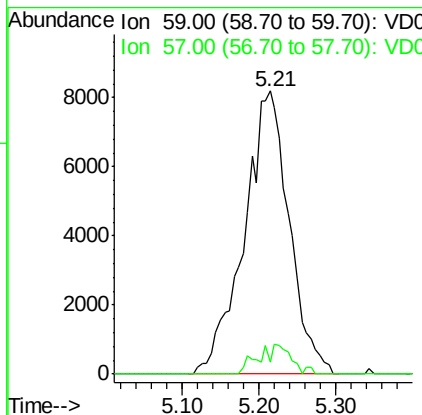
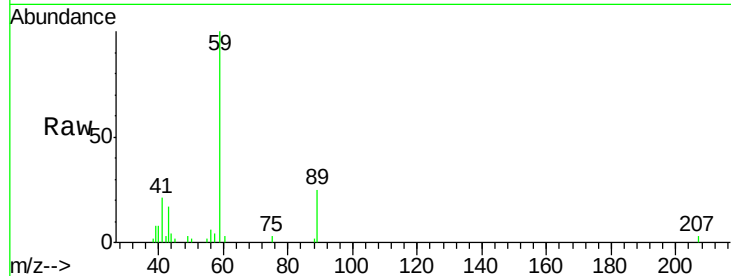
Tert butyl alcohol
 Concen: 217.989 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 33406
 Ion Ratio Lower Upper
 59 100
 57 7.2 3.4 5.0#

Manual Integrations
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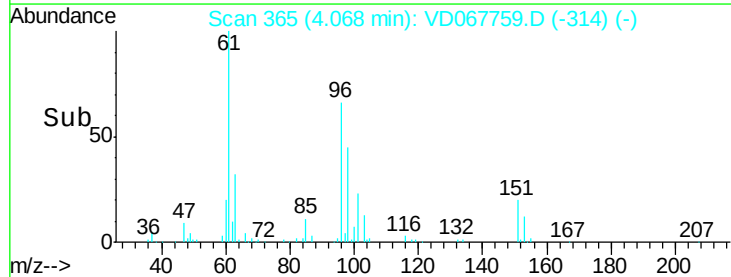
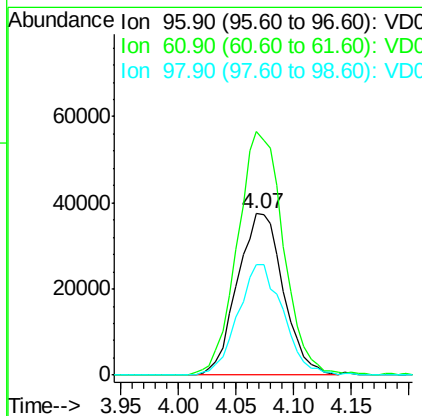
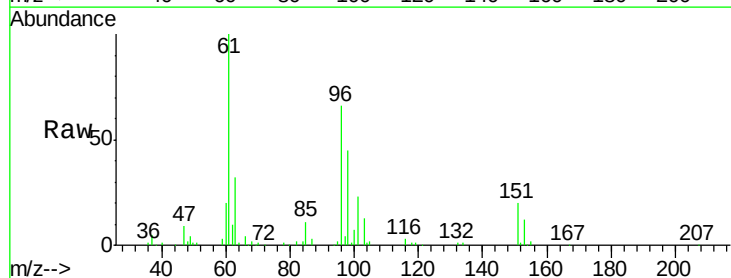
MMDadoda
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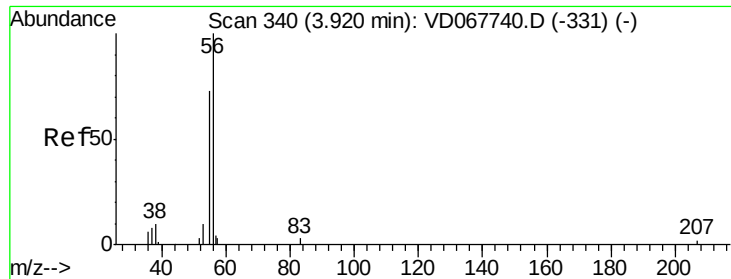


#12

1,1-Dichloroethene
 Concen: 43.259 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion: 96 Resp: 103947
 Ion Ratio Lower Upper
 96 100
 61 150.3 112.9 169.3
 98 68.6 52.4 78.6





#13

Acrolein

Concen: 206.305 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 24339

Ion Ratio Lower Upper

56 100

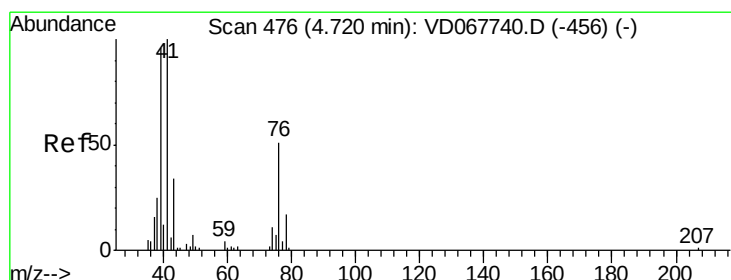
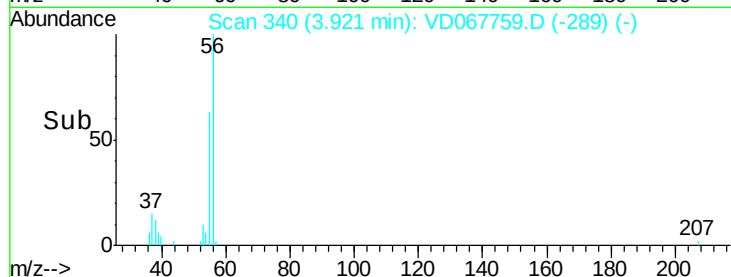
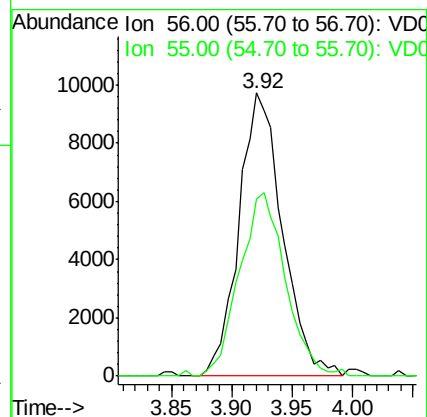
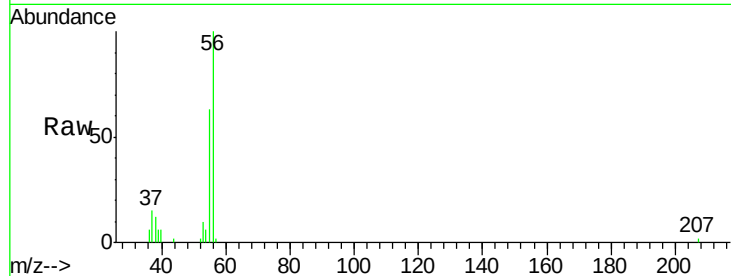
55 68.7 61.2 91.8

Manual Integrations

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#14

Allyl chloride

Concen: 45.090 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

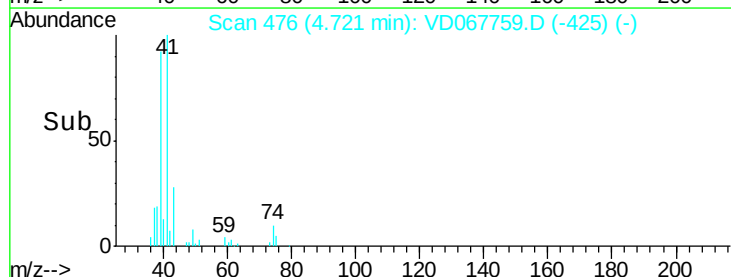
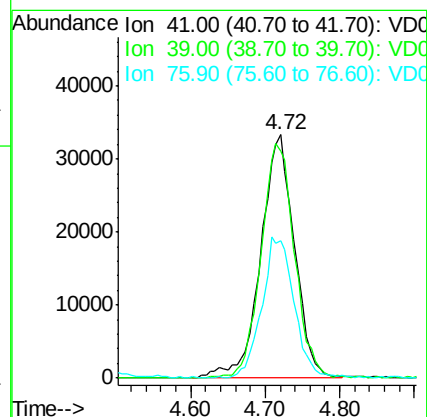
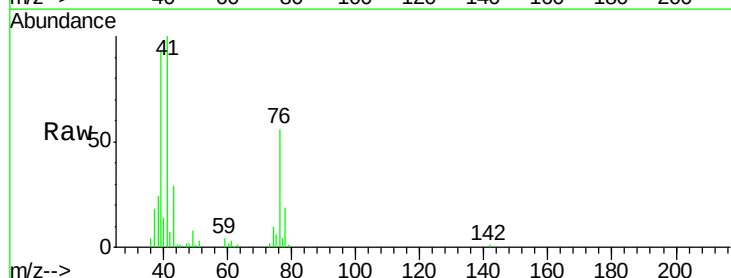
Tgt Ion: 41 Resp: 104735

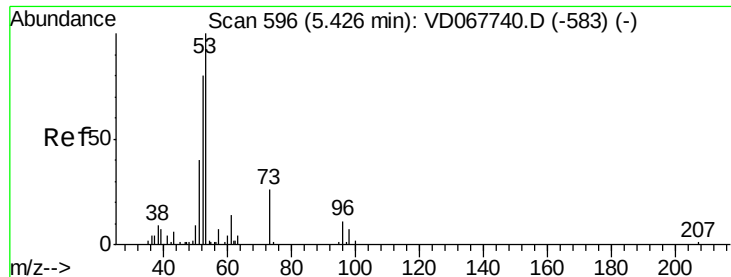
Ion Ratio Lower Upper

41 100

39 95.1 74.6 111.8

76 55.3 43.3 64.9





#15

Acrylonitrile

Concen: 210.500 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

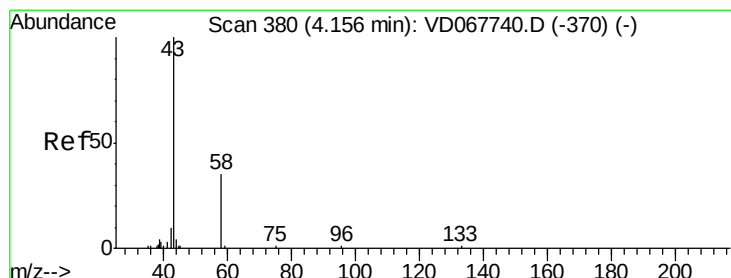
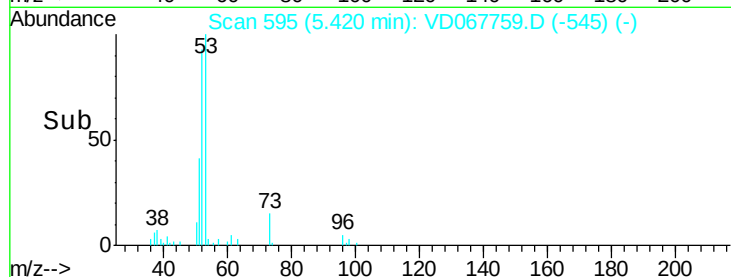
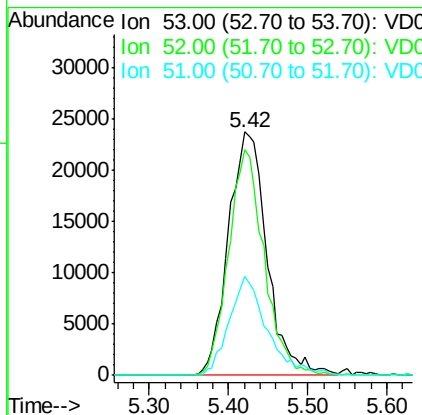
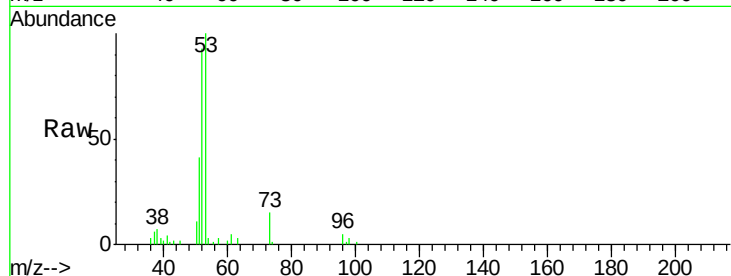
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	80273
Ion	Ratio	Lower	Upper
53	100		
52	85.5	63.4	95.2
51	39.8	31.4	47.2

Manual Integrations
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#16

Acetone

Concen: 262.672 ug/l

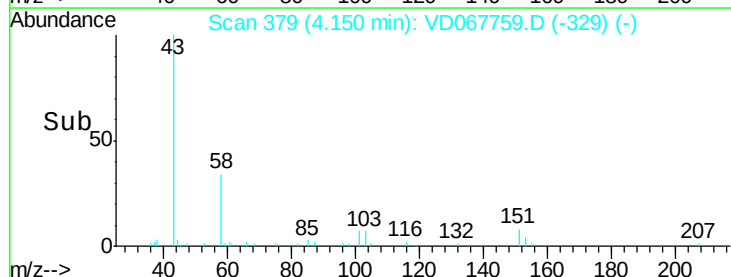
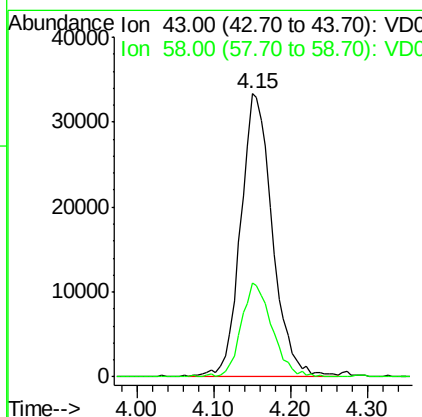
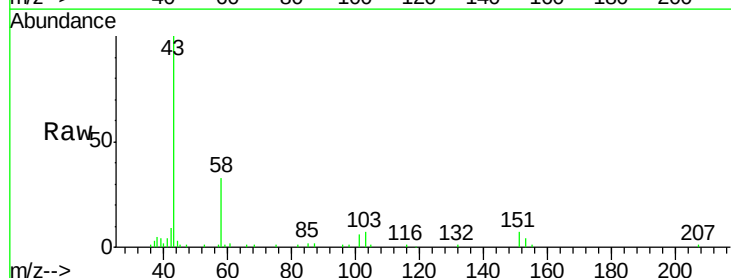
RT: 4.15 min Scan# 379

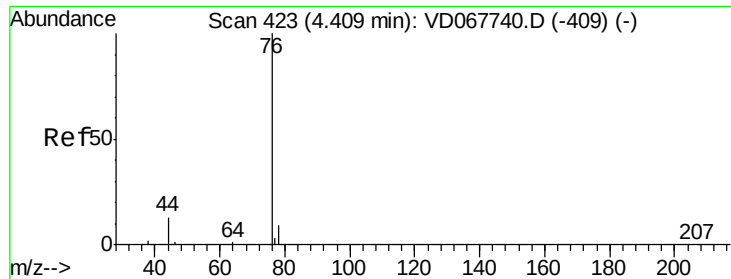
Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Tgt Ion:	43	Resp:	96585
Ion	Ratio	Lower	Upper
43	100		
58	33.0	27.6	41.4





#17

Carbon Disulfide

Concen: 44.789 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 311279

Ion Ratio Lower Upper

76 100

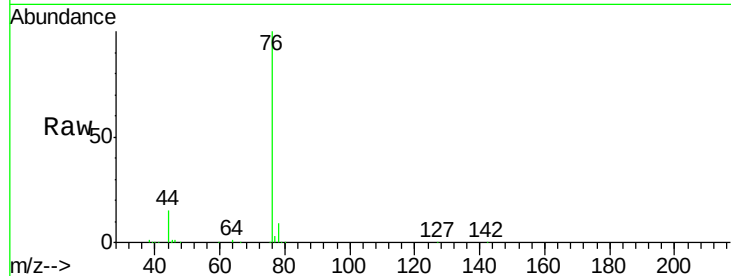
78 9.1 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

120000

100000

80000

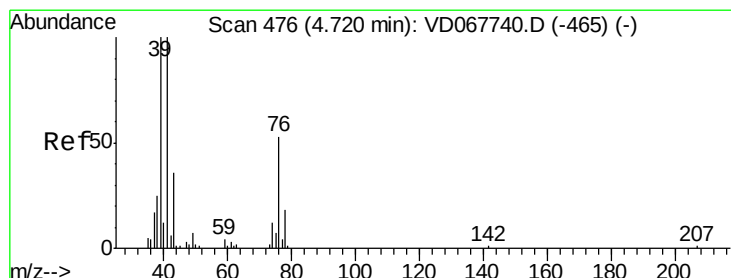
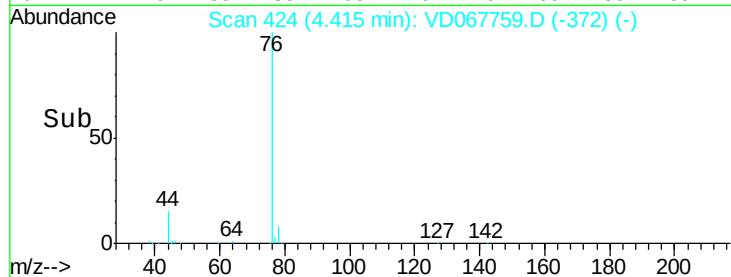
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 41.607 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067759.D

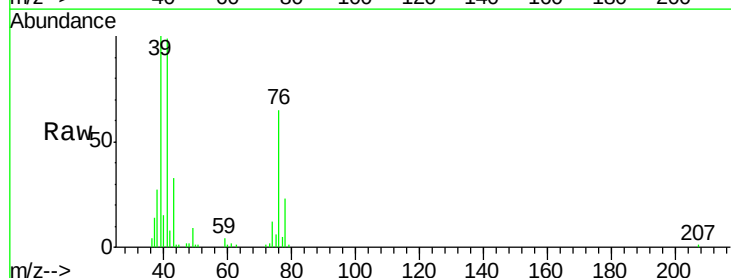
Acq: 24 Nov 2020 10:29

Tgt Ion: 43 Resp: 30779

Ion Ratio Lower Upper

43 100

74 36.4 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

10000

8000

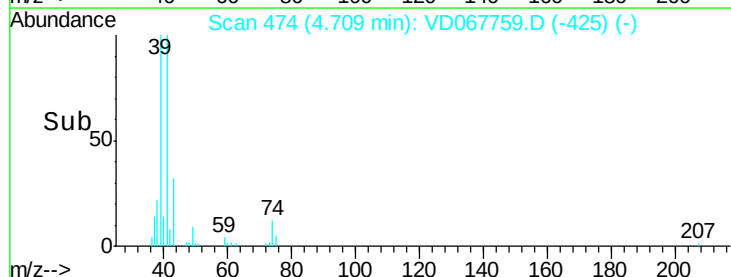
6000

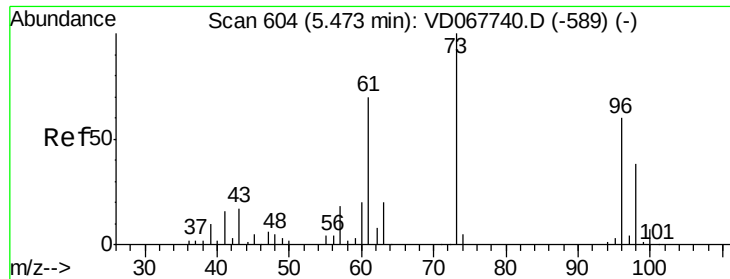
4000

2000

0

Time-->





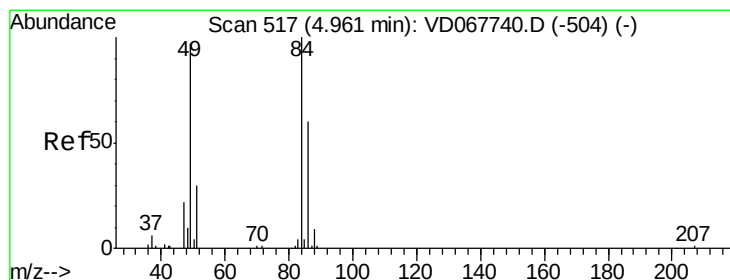
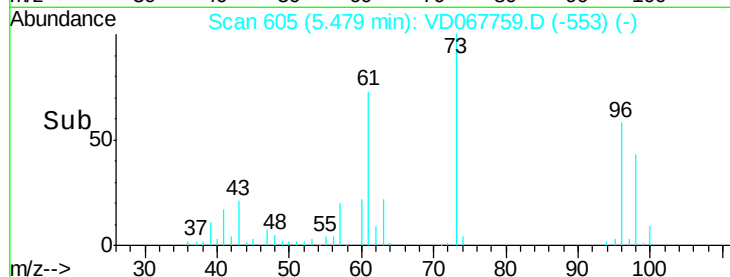
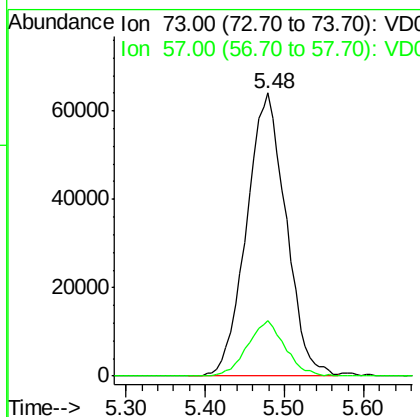
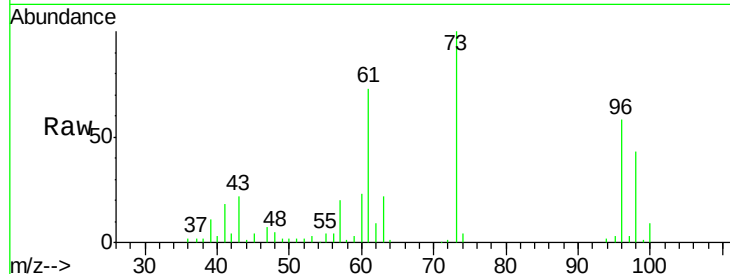
#19
Methyl tert-butyl Ether
Concen: 43.274 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 22230
Ion Ratio Lower Upper
73 100
57 19.8 14.8 22.2

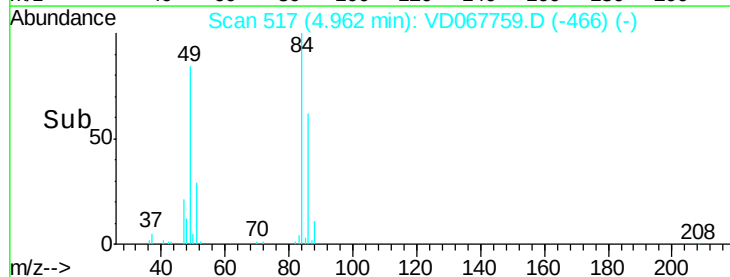
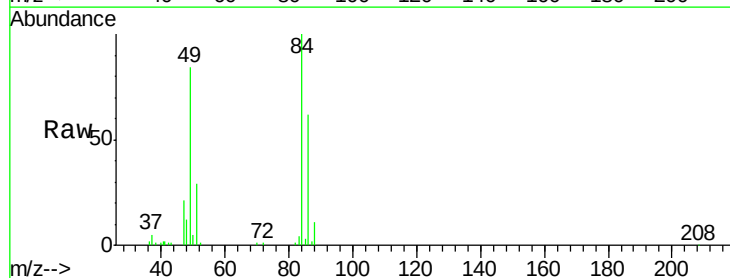
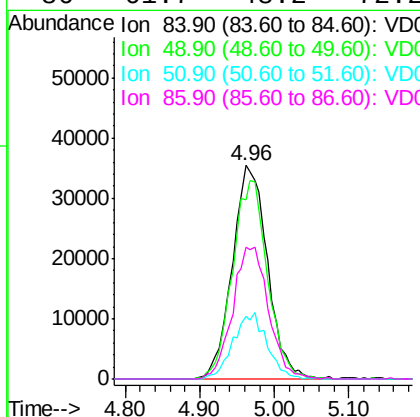
Manual Integrations
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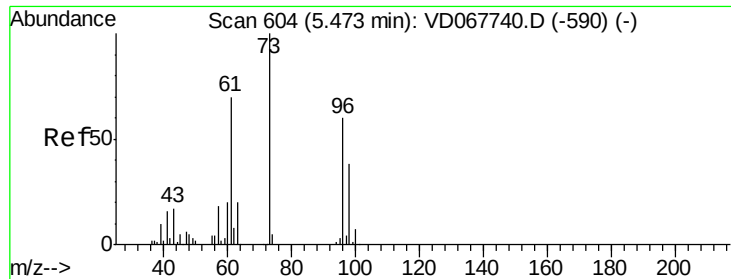
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#20
Methylene Chloride
Concen: 40.228 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 84 Resp: 115890
Ion Ratio Lower Upper
84 100
49 84.0 77.4 116.2
51 29.5 24.1 36.1
86 61.7 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 45.210 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

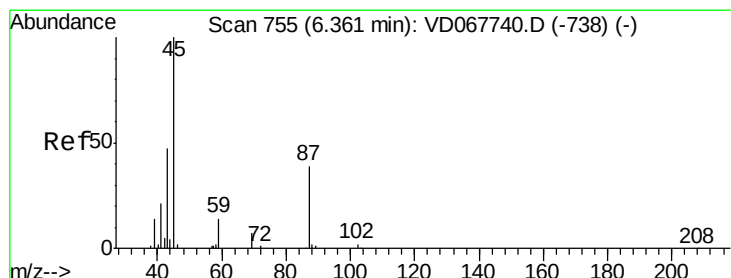
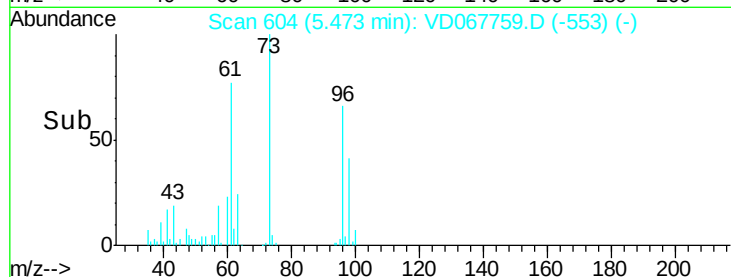
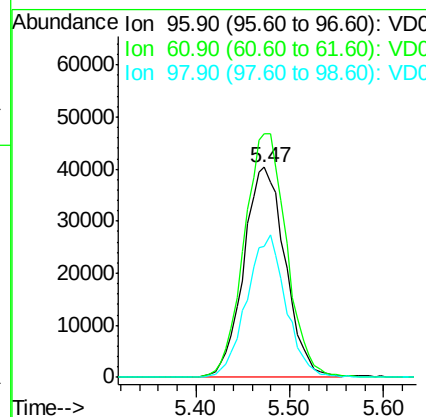
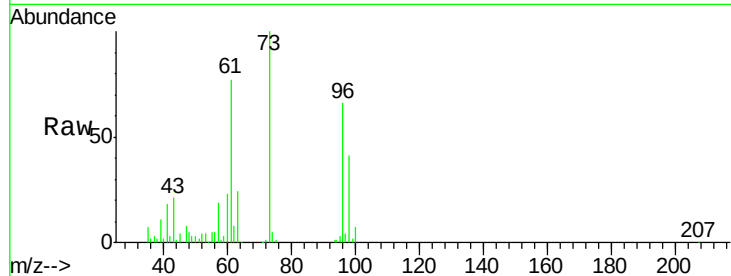
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	123509
Ion	Ratio	Lower	Upper
96	100		
61	116.0	94.0	141.0
98	62.4	51.3	76.9

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#22

Diisopropyl ether

Concen: 44.270 ug/l

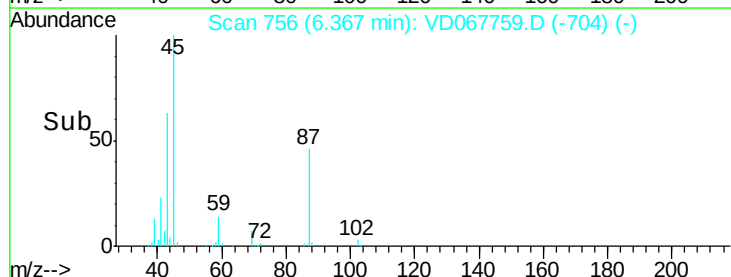
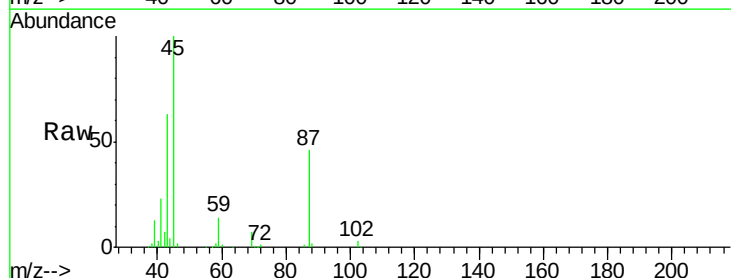
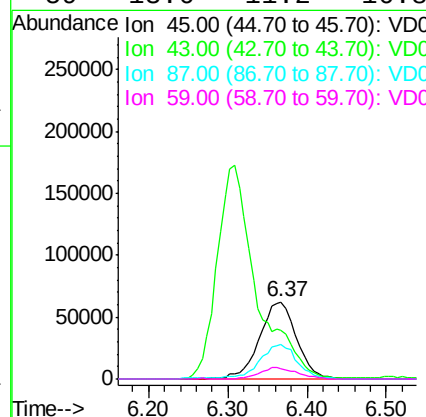
RT: 6.37 min Scan# 756

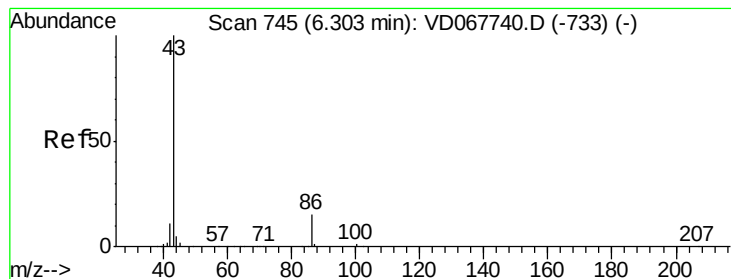
Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Tgt Ion:	45	Resp:	202983
Ion	Ratio	Lower	Upper
45	100		
43	61.7	46.8	70.2
87	45.5	32.9	49.3
59	13.6	11.2	16.8





#23

Vinyl Acetate

Concen: 230.975 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 597393

Ion Ratio Lower Upper

43 100

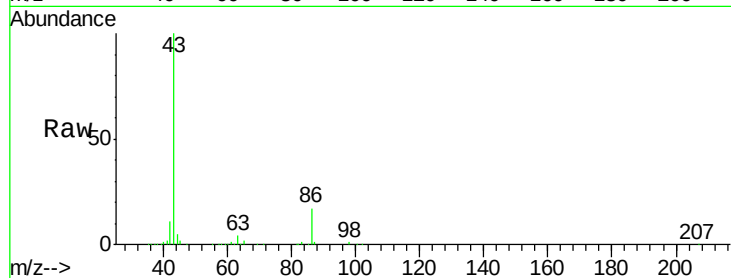
86 16.6 11.7 17.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

200000

150000

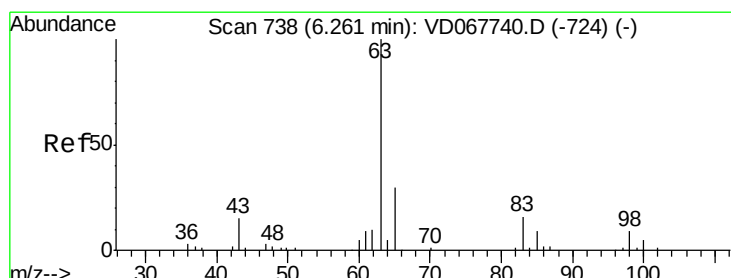
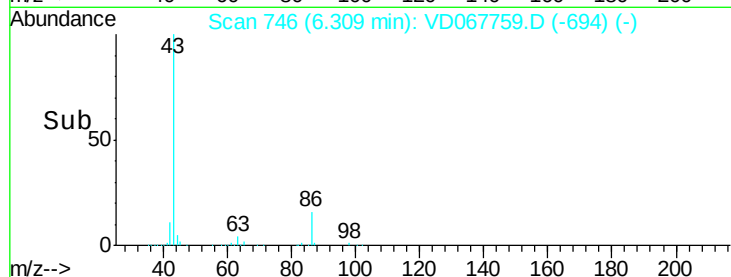
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 45.568 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

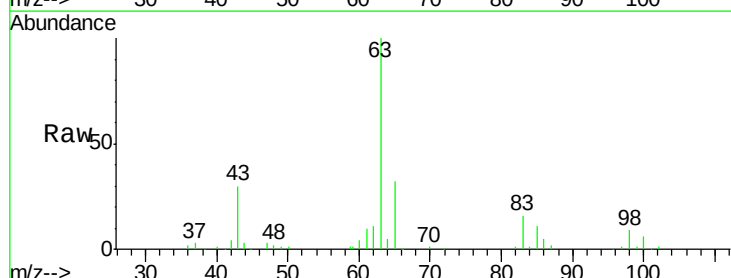
Tgt Ion: 63 Resp: 177138

Ion Ratio Lower Upper

63 100

98 9.2 4.4 13.2

100 5.9 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

60000

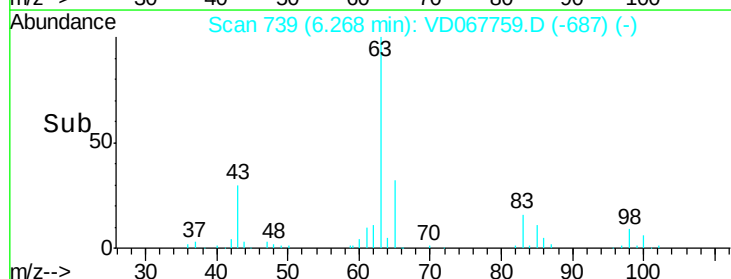
40000

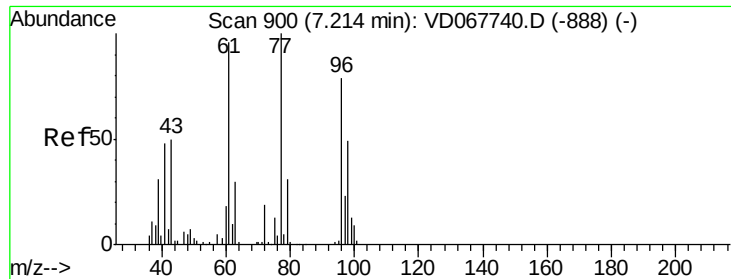
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 225.544 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 93063

Ion Ratio Lower Upper

43 100

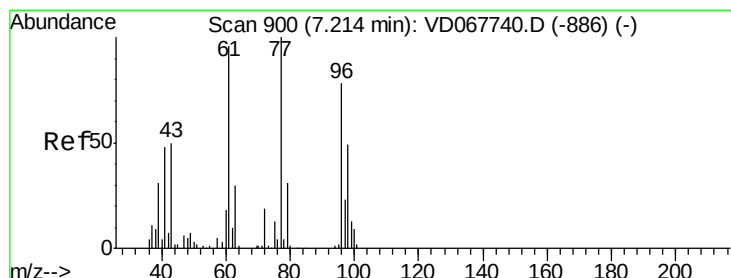
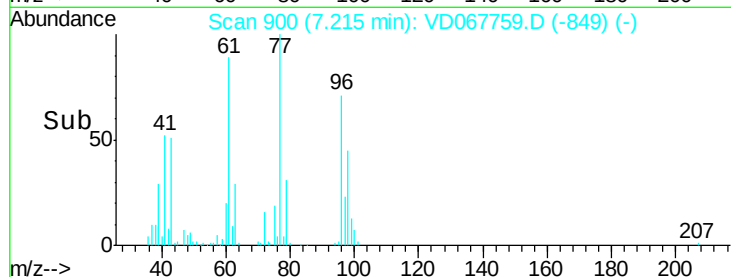
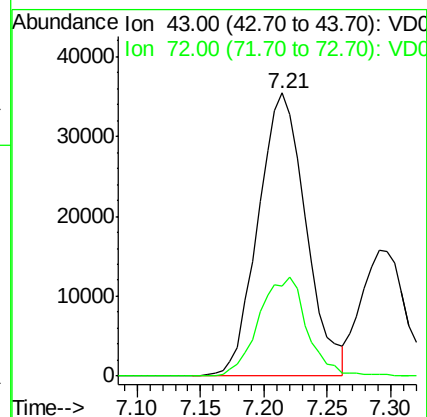
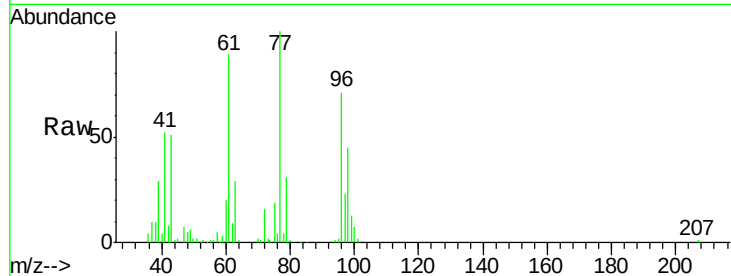
72 31.9 30.8 46.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.992 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067759.D

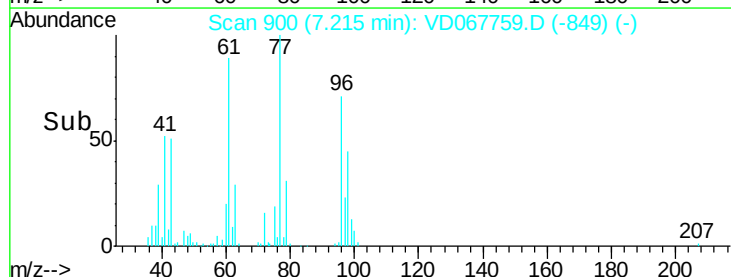
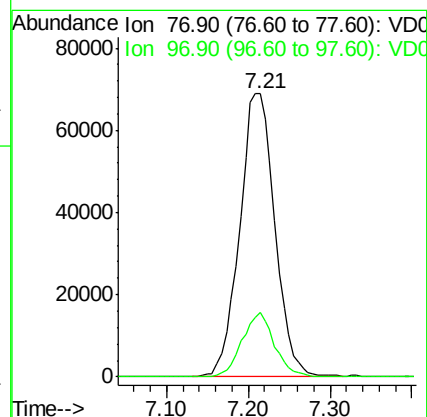
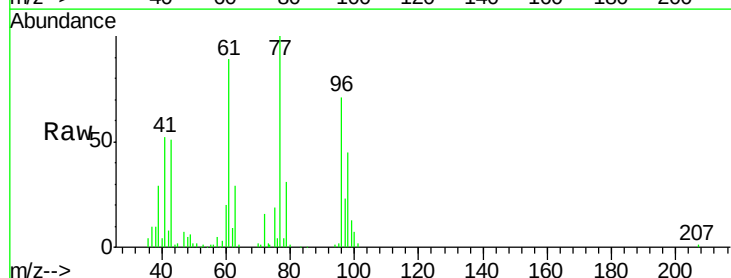
Acq: 24 Nov 2020 10:29

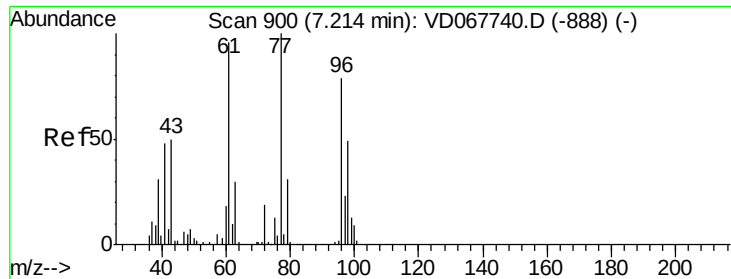
Tgt Ion: 77 Resp: 206334

Ion Ratio Lower Upper

77 100

97 20.7 11.1 33.3





#27

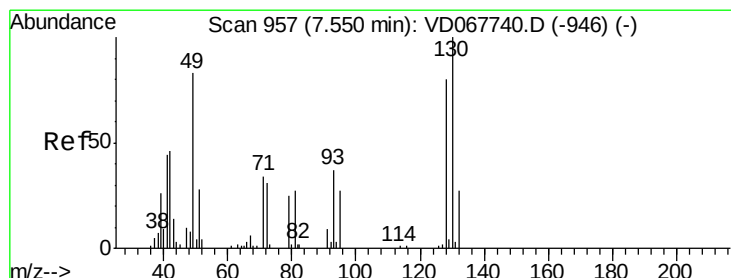
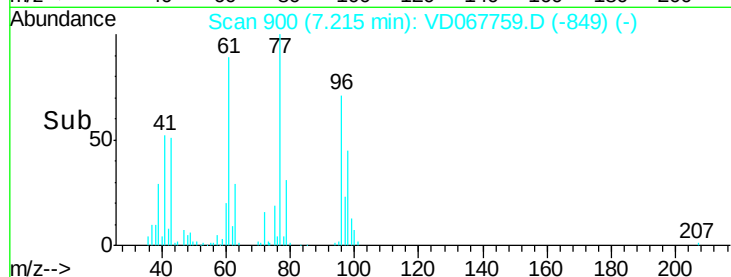
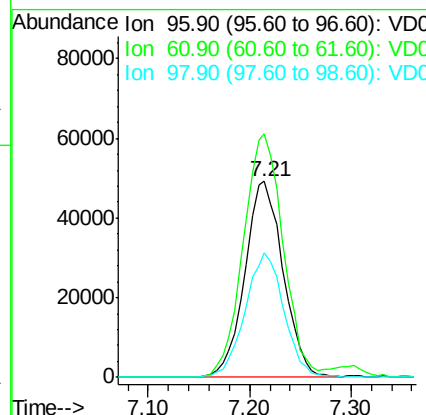
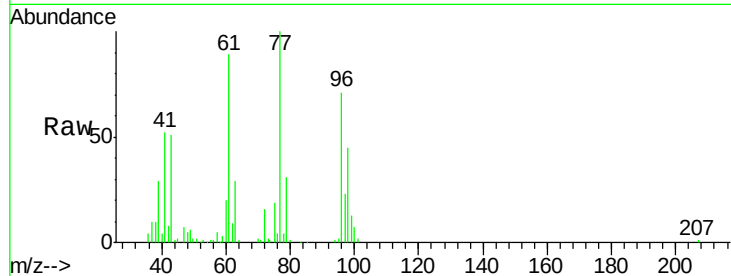
cis-1,2-Dichloroethene
Concen: 44.410 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	129317		
61	128.8		0.0	258.0
98	63.9		0.0	131.8

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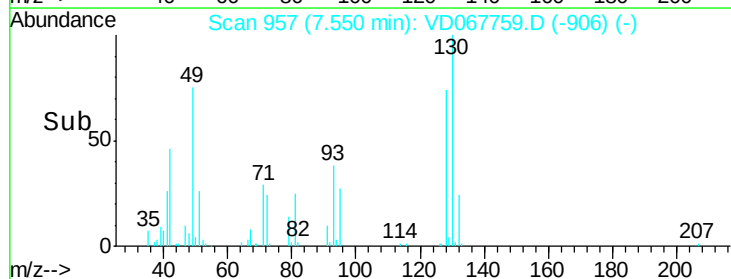
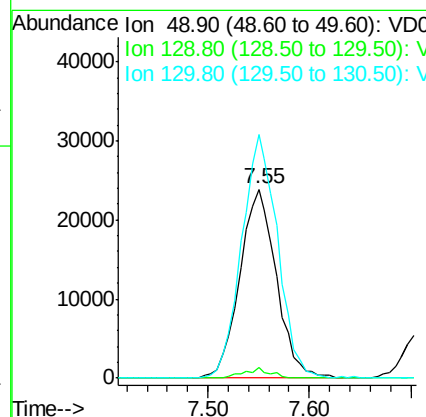
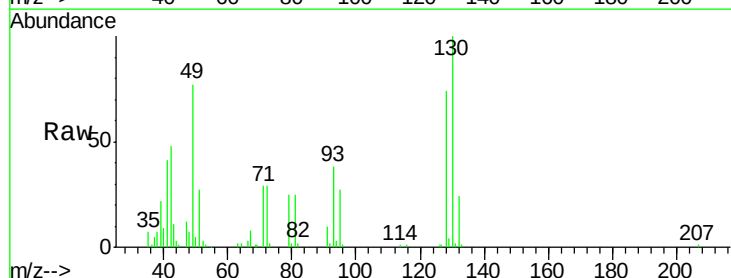
MMDadoda
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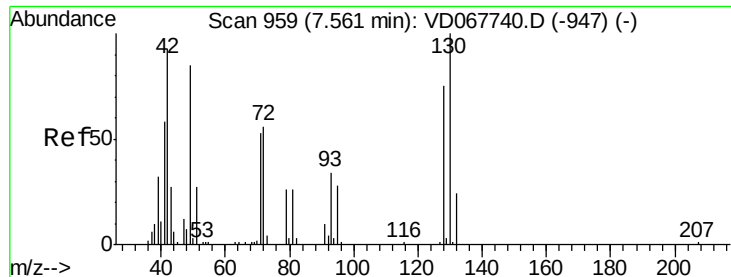


#28

Bromochloromethane
Concen: 47.937 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	59691		
129	3.7		0.0	7.0
130	127.0		102.2	153.4





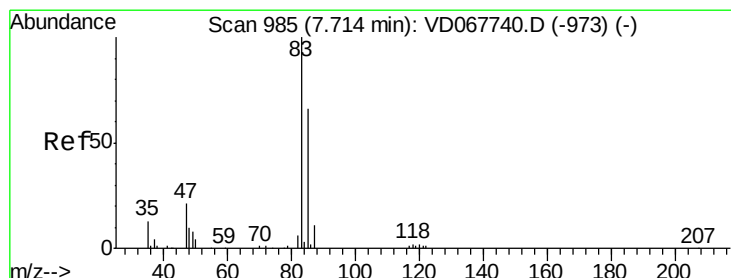
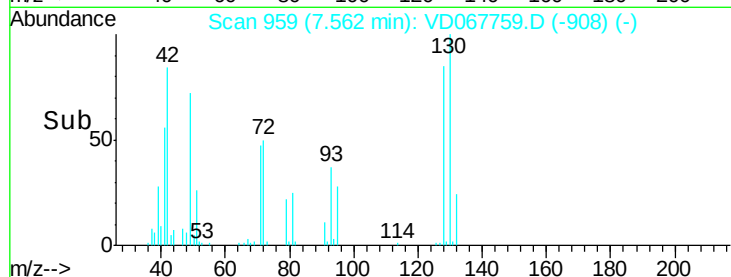
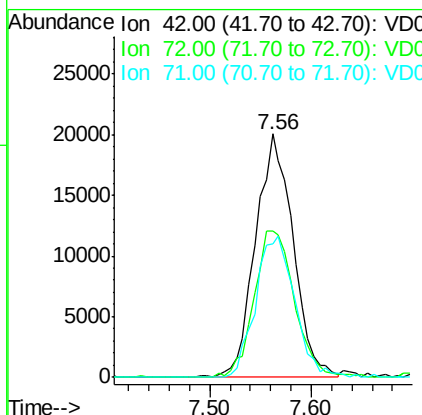
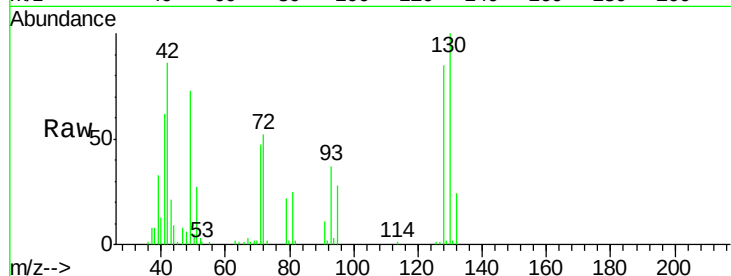
#29
Tetrahydrofuran
Concen: 220.258 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	65.1	49.3	73.9
71	60.4	45.9	68.9

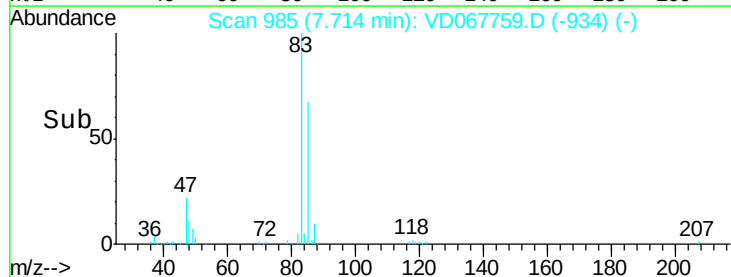
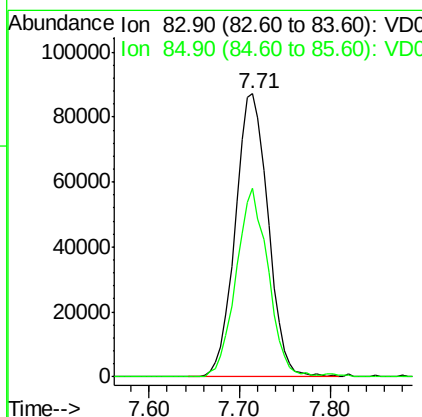
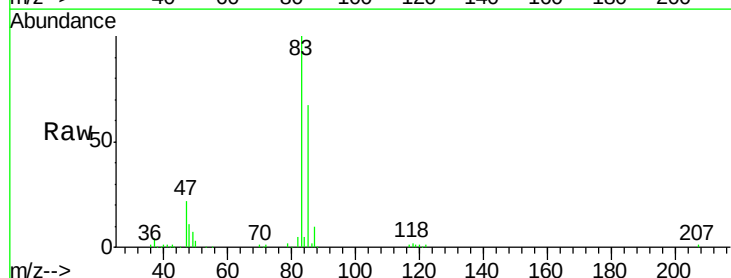
Manual Integrations
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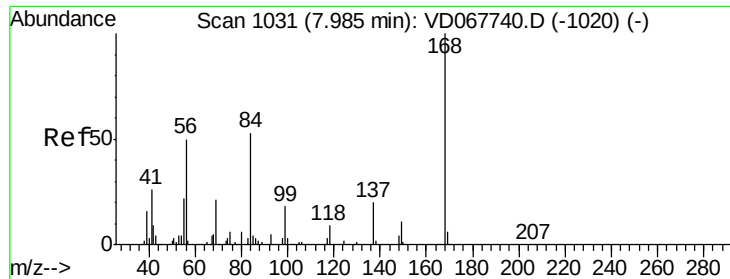
MMDadoda
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#30
Chloroform
Concen: 43.232 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	53.1	79.7





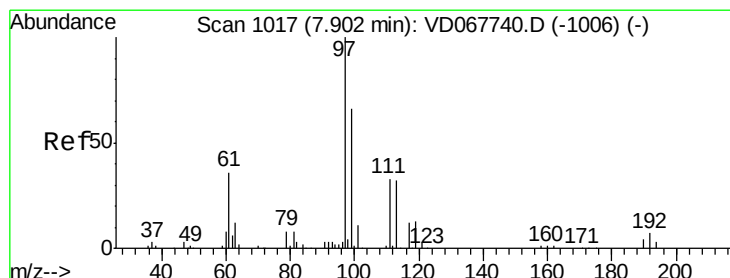
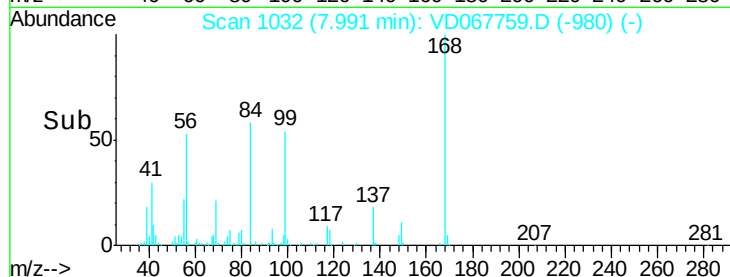
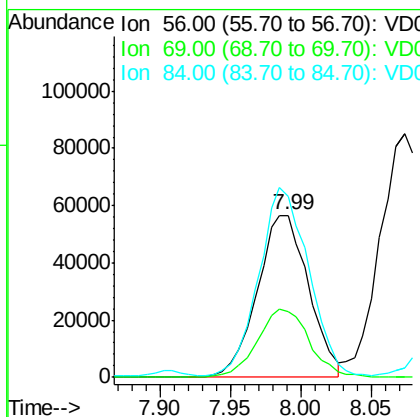
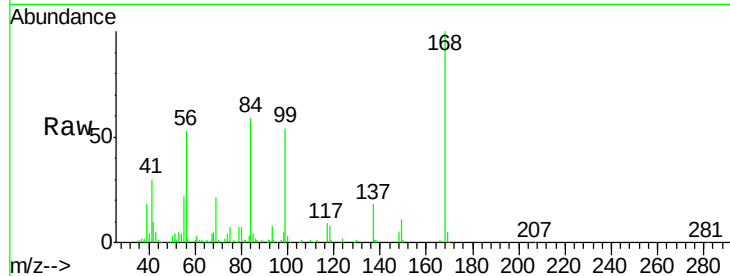
#31
Cyclohexane
Concen: 41.835 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	40.3	33.2	49.8	
84	109.8	84.8	127.2	

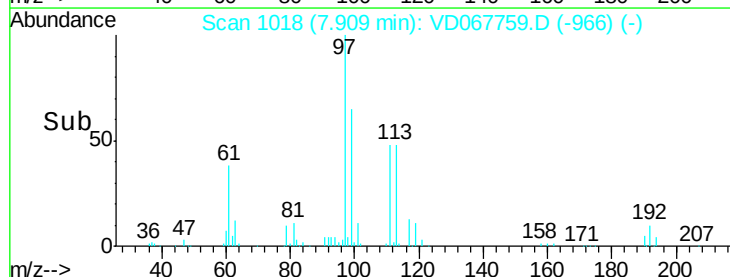
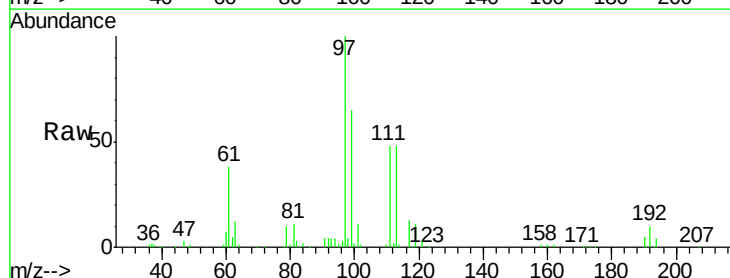
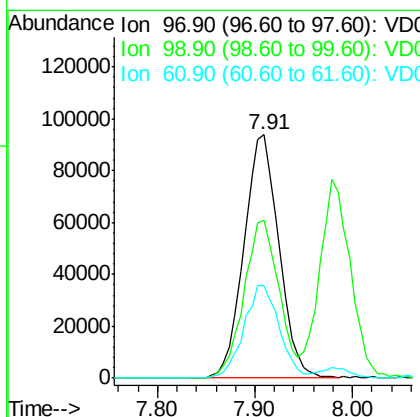
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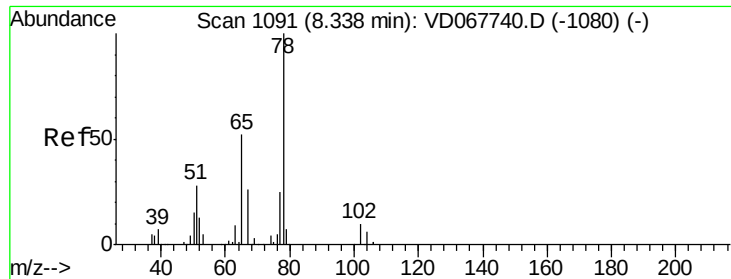
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#32
1,1,1-Trichloroethane
Concen: 43.653 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.6	51.1	76.7	
61	38.4	29.4	44.2	





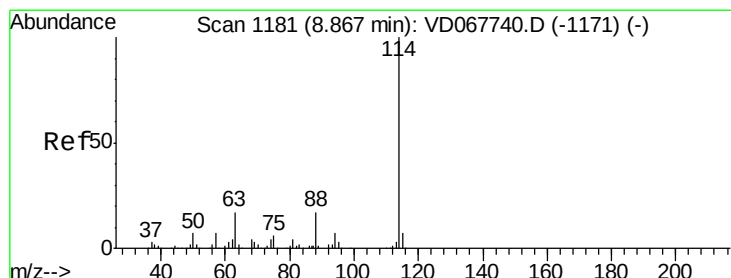
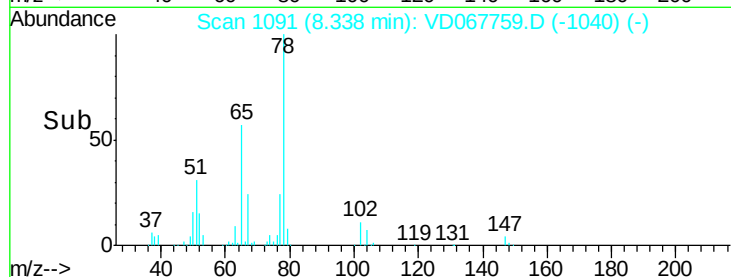
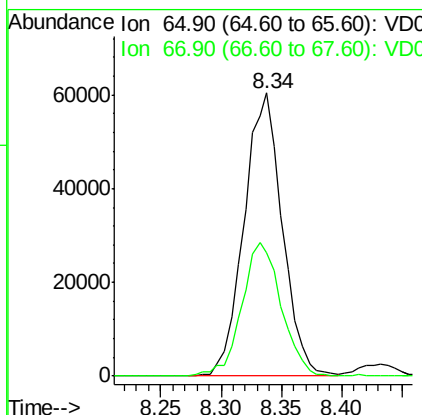
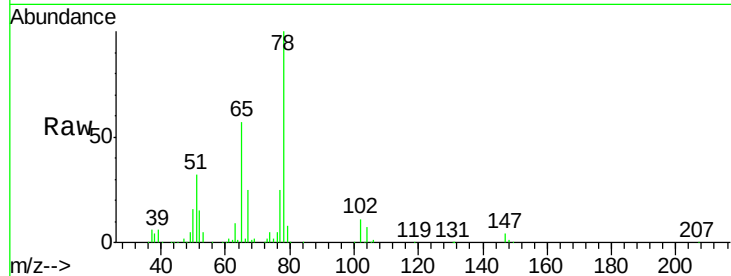
#33
 1,2-Dichloroethane-d4
 Concen: 46.951 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133636		
67	48.5	0.0	101.0	

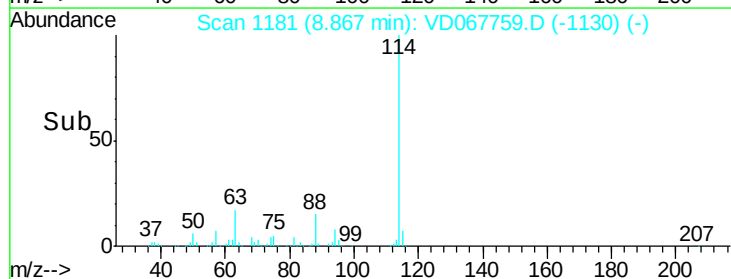
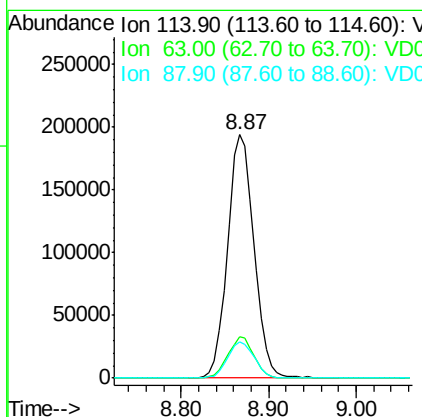
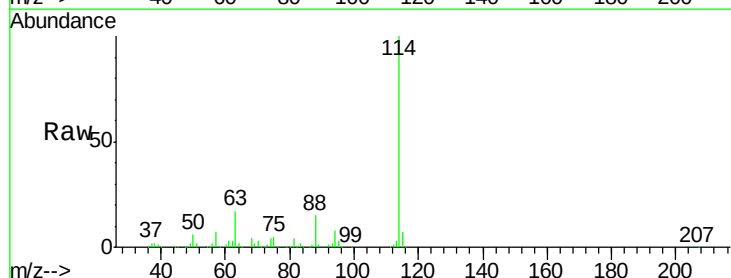
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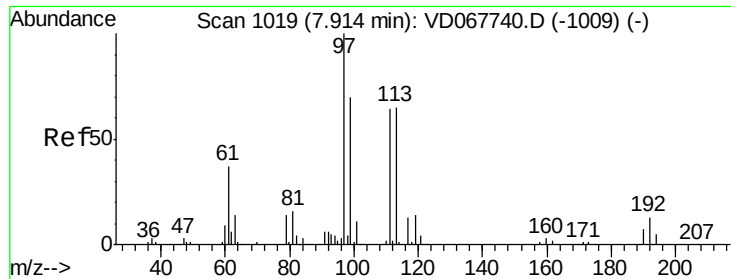
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	399721		
63	16.9	0.0	34.8	
88	15.1	0.0	34.4	





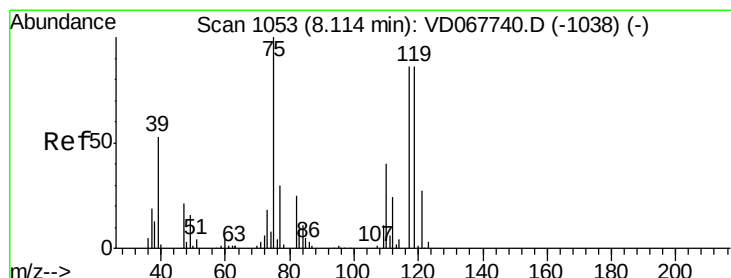
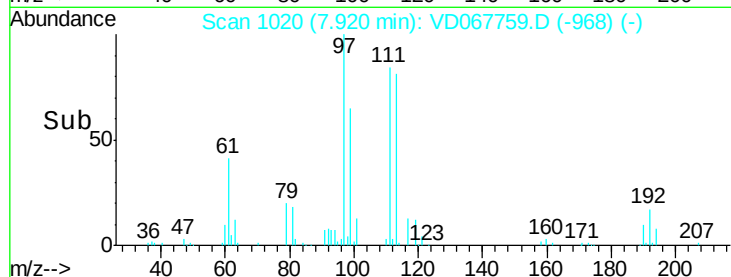
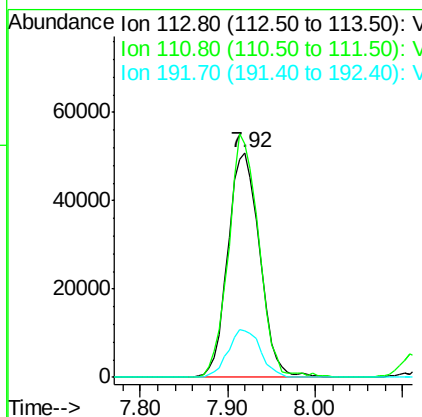
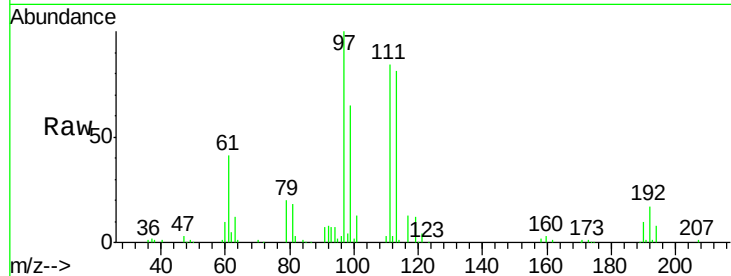
#35
Dibromofluoromethane
Concen: 49.551 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	21.6	17.0	25.4

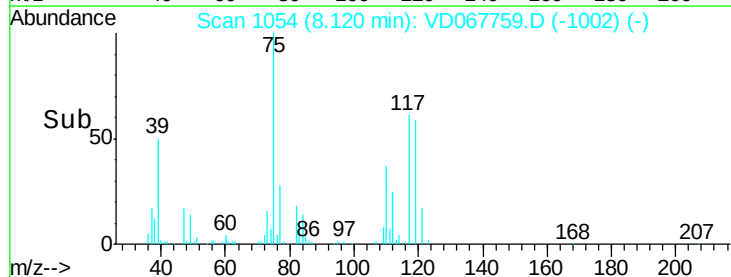
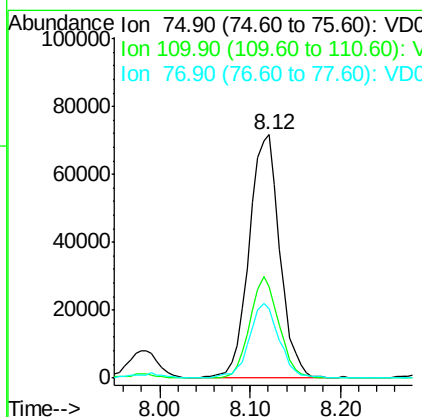
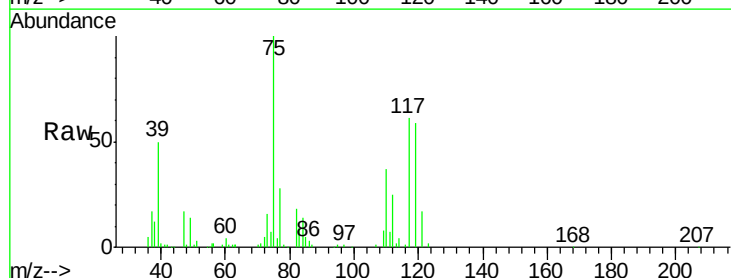
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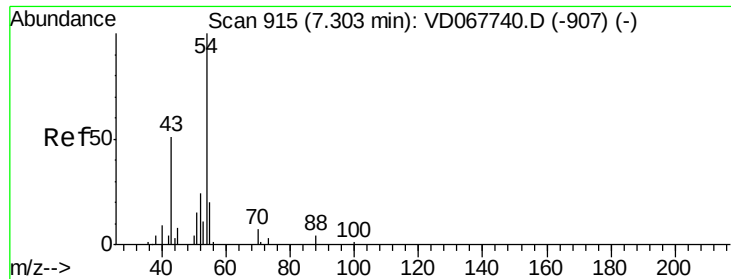
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#36
1,1-Dichloropropene
Concen: 48.760 ug/l
RT: 8.12 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.4	20.1	60.2
77	30.2	24.8	37.2





#37

Ethyl Acetate

Concen: 43.826 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

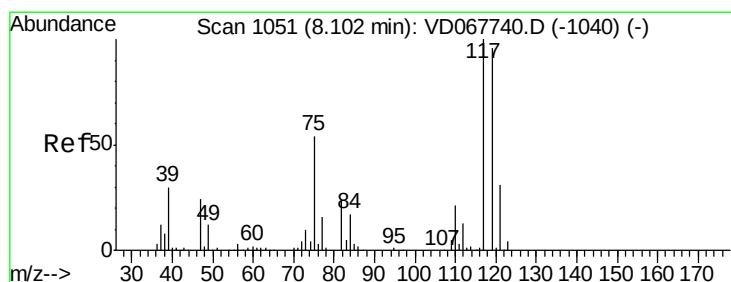
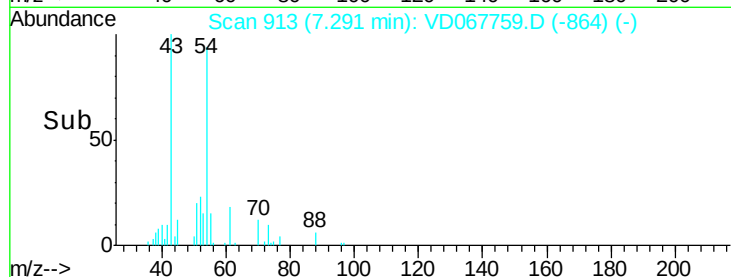
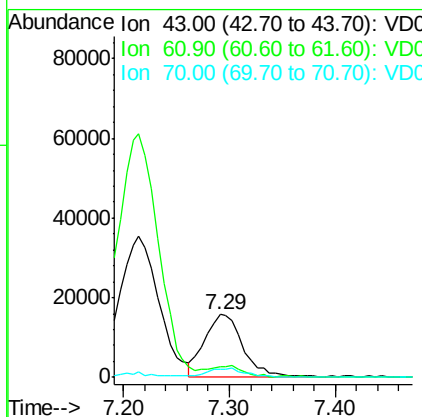
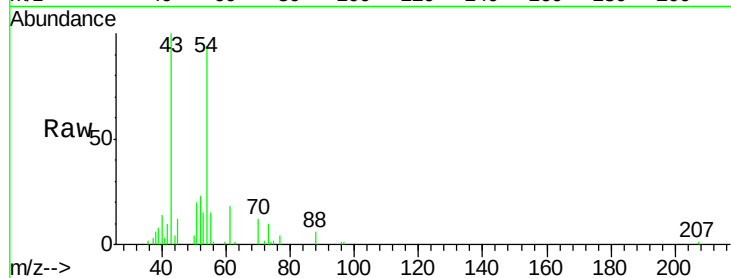
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	40421
Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.9	19.3
70	14.6	12.2	18.2

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 46.696 ug/l

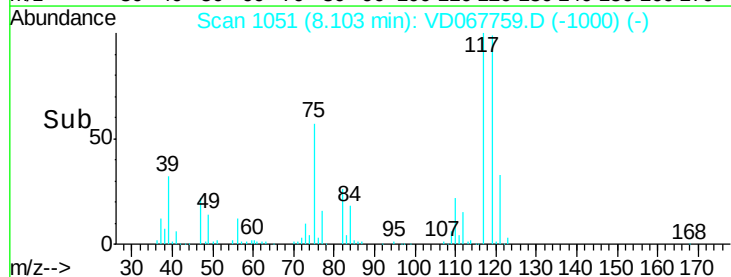
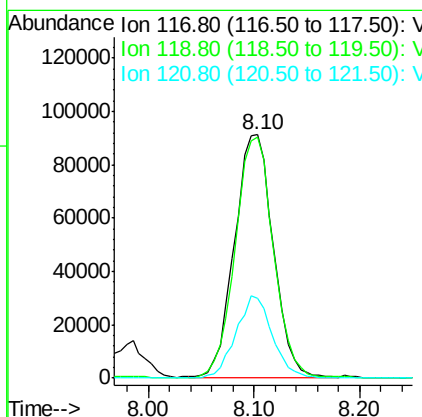
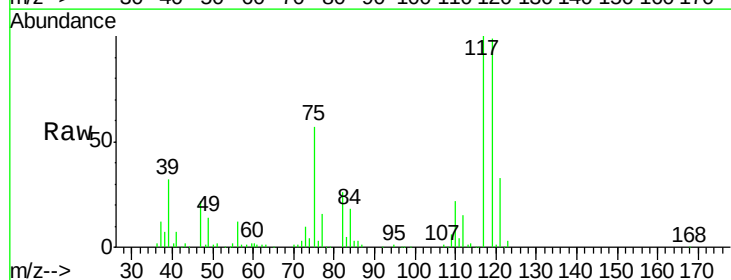
RT: 8.10 min Scan# 1051

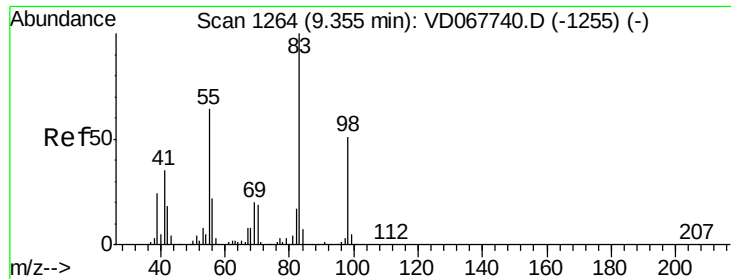
Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Tgt Ion:	117	Resp:	232174
Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.6	115.0
121	33.0	24.5	36.7





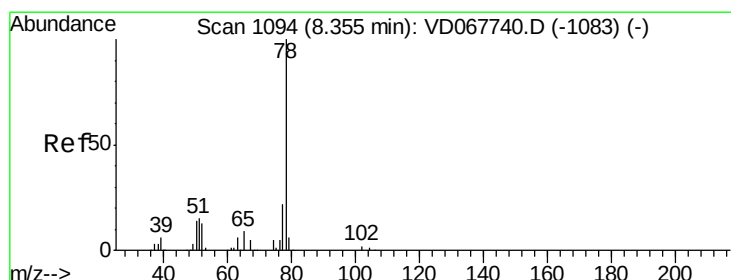
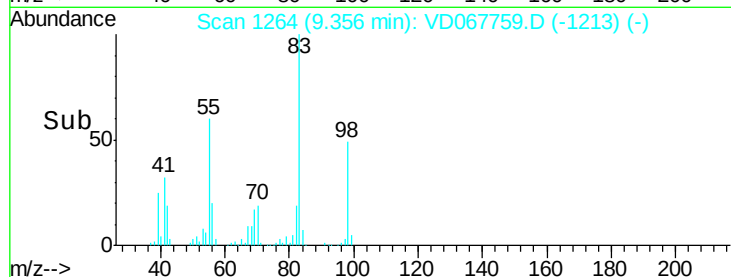
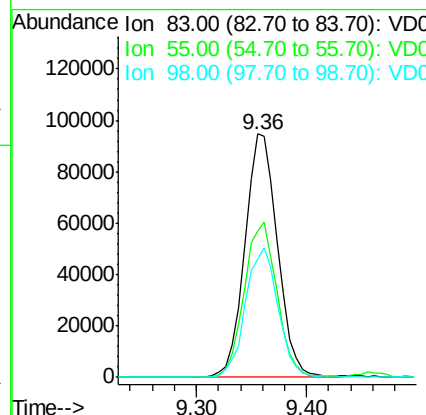
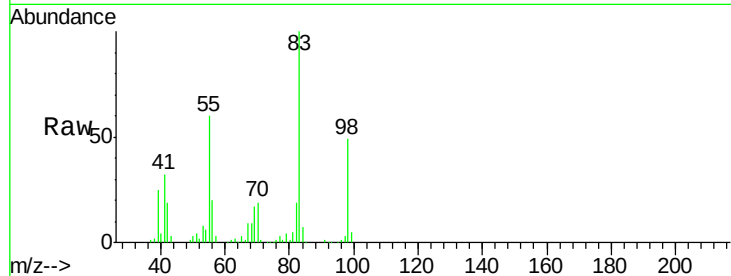
#39
Methylvlcyclohexane
Concen: 48.401 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	60.1	51.0	76.4
98	48.8	40.4	60.6

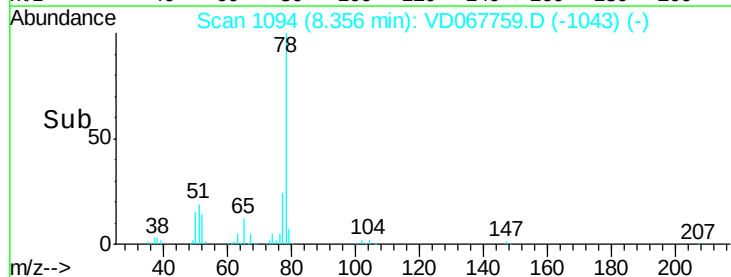
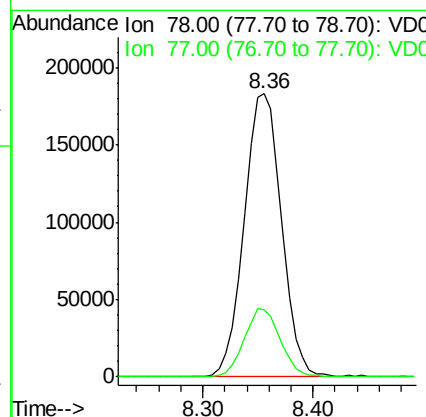
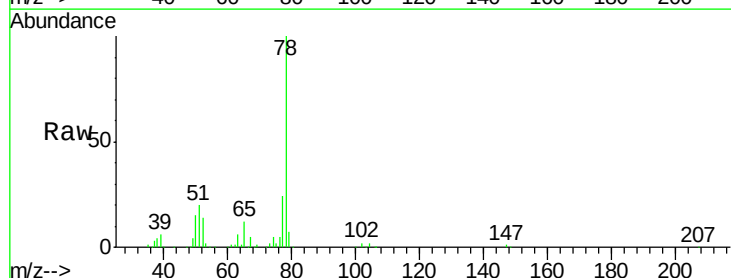
Manual Integrations
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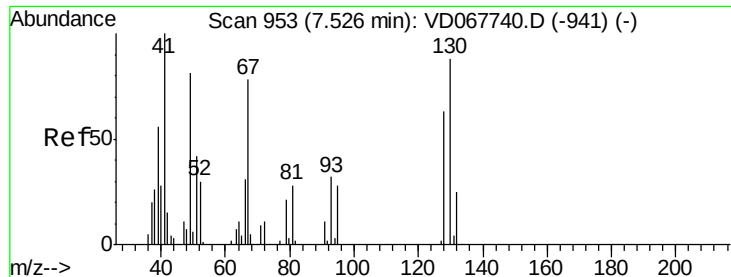
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#40
Benzene
Concen: 46.159 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	17.8	26.6





#41

Methacrylonitrile

Concen: 57.108 ug/l m

RT: 7.54 min Scan# 955

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 26896

Ion Ratio Lower Upper

41 100

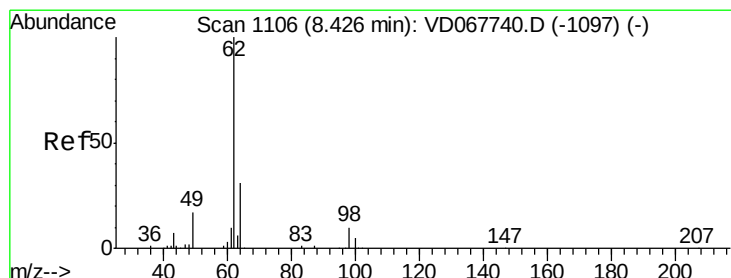
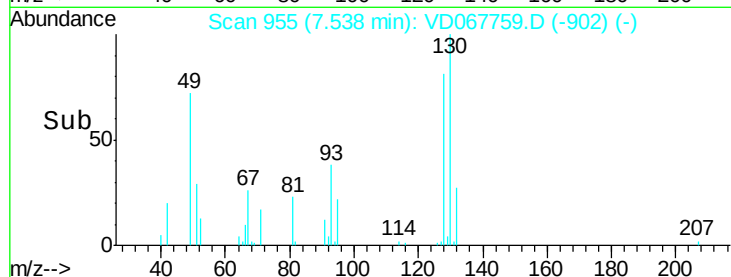
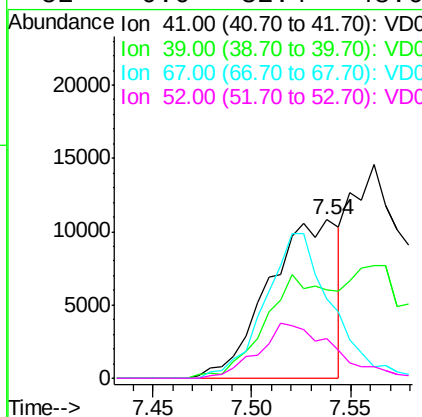
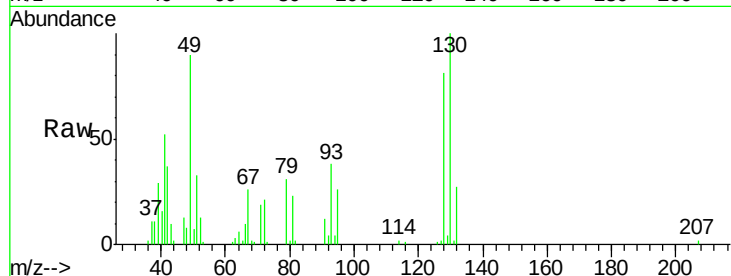
39 64.5 50.2 75.4

67 0.0 79.0 118.6#

52 0.0 32.4 48.6#

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#42

1,2-Dichloroethane

Concen: 45.433 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD067759.D

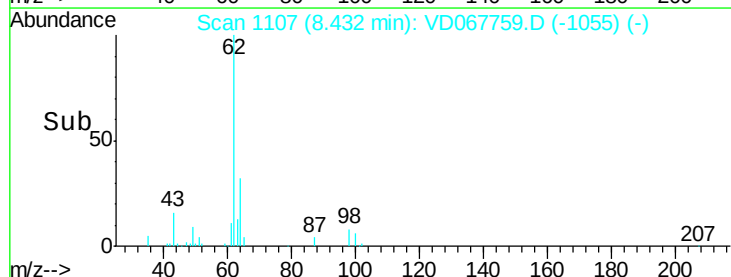
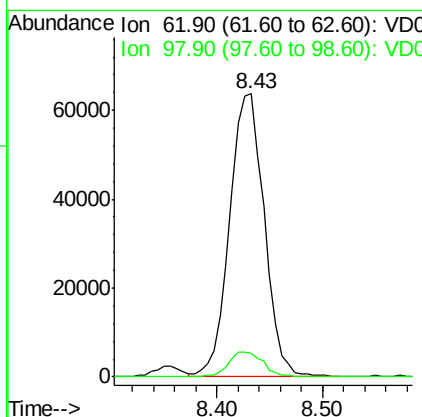
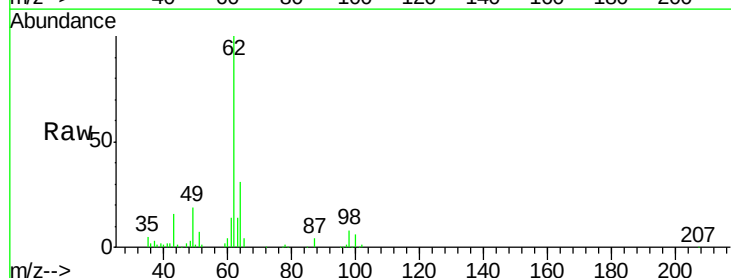
Acq: 24 Nov 2020 10:29

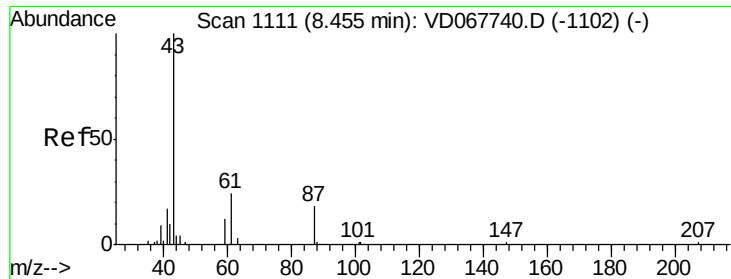
Tgt Ion: 62 Resp: 145223

Ion Ratio Lower Upper

62 100

98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 45.824 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

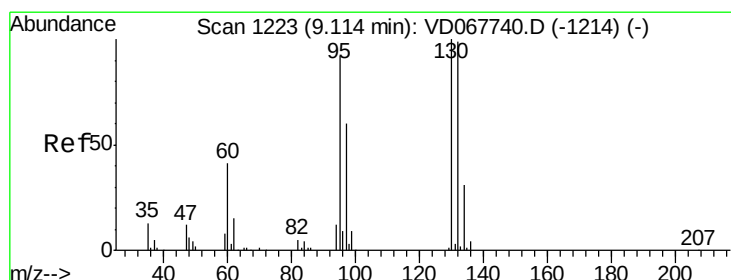
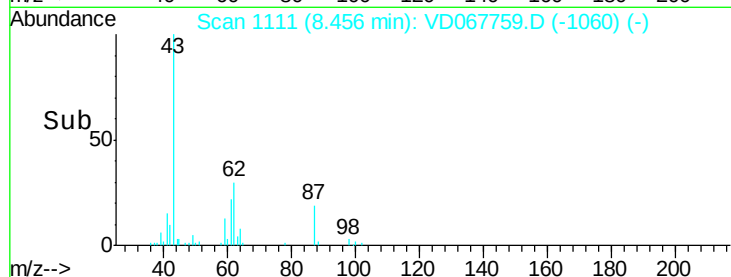
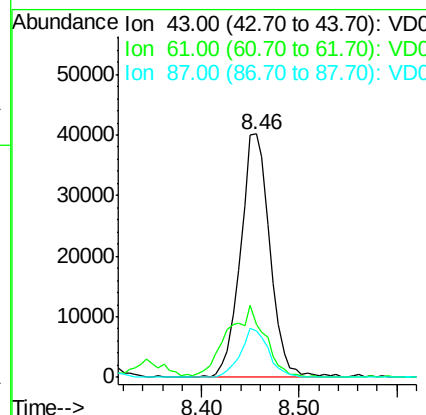
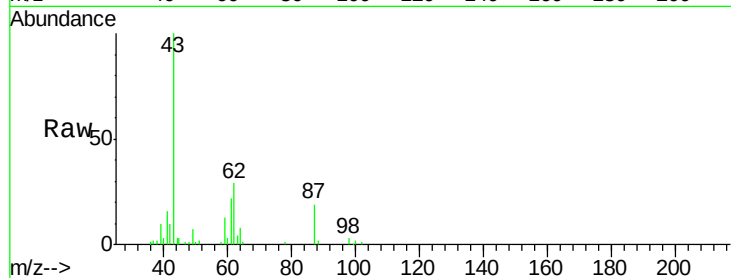
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	84402
Ion	Ratio	Lower	Upper
43	100		
61	37.9	30.2	45.4
87	19.1	14.2	21.4

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#44

Trichloroethene

Concen: 46.346 ug/l

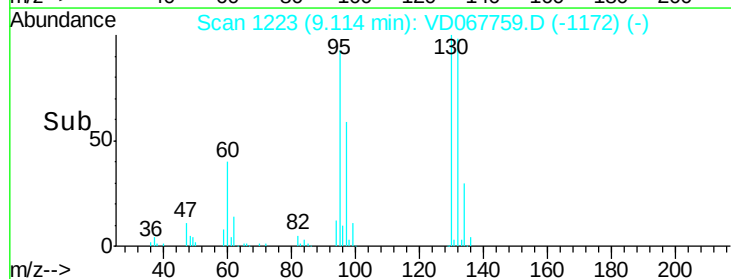
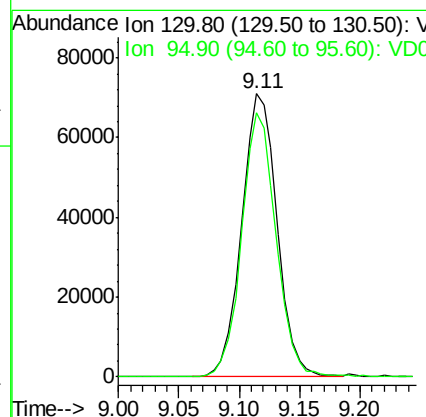
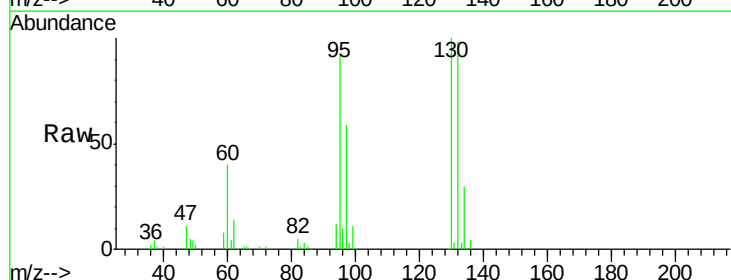
RT: 9.11 min Scan# 1223

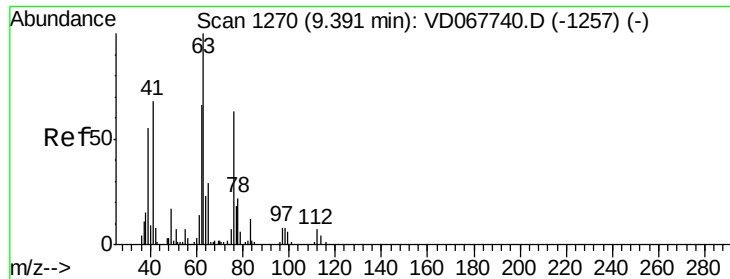
Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Tgt Ion:	130	Resp:	144703
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	184.2





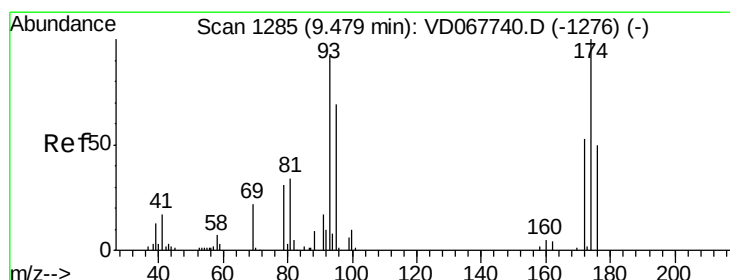
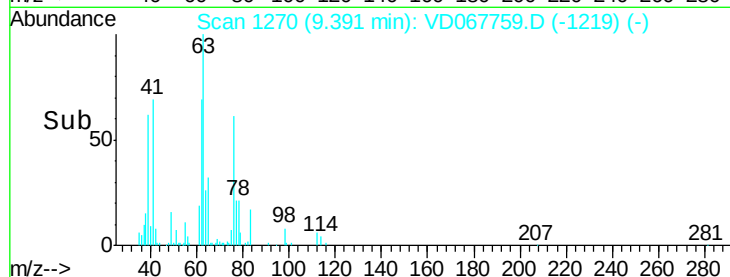
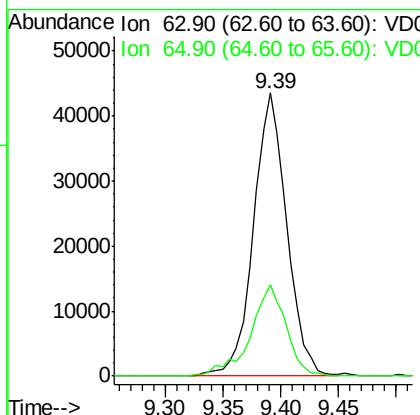
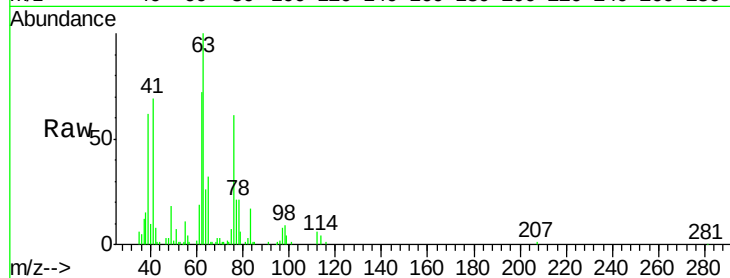
#45
 1,2-Dichloropropane
 Concen: 45.255 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 87478
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.1 34.7

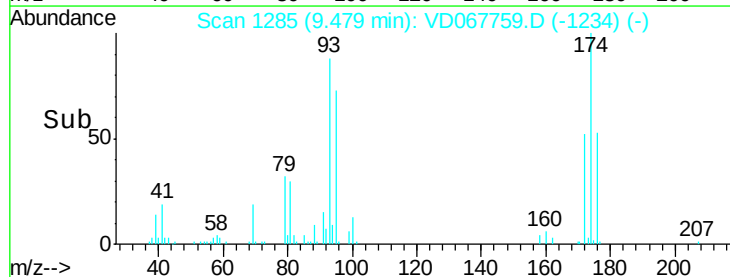
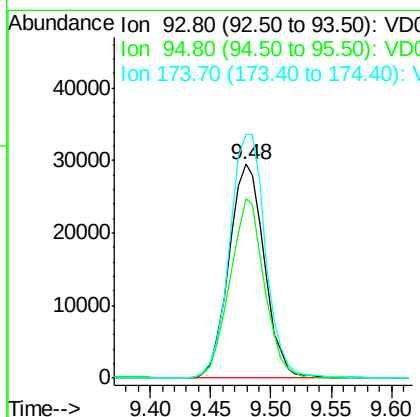
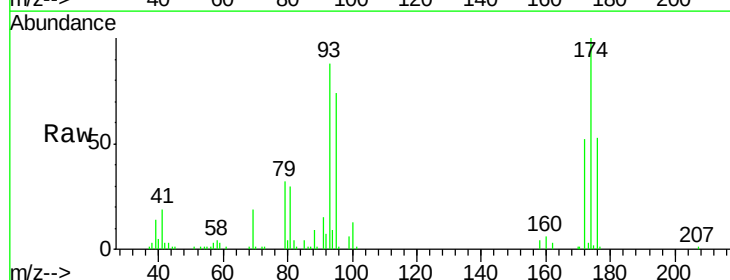
Manual Integrations
 APPROVED

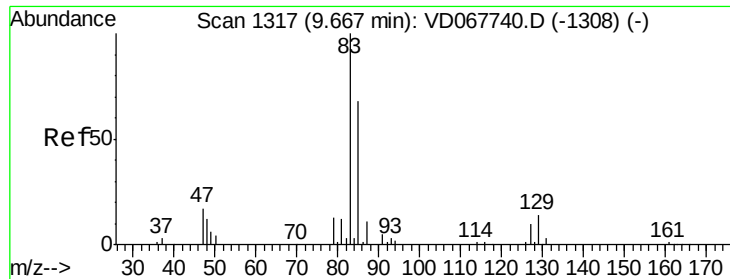
MMDadoda
 11/25/2020 2:01:51 PM



#46
 Dibromomethane
 Concen: 45.862 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion: 93 Resp: 60355
 Ion Ratio Lower Upper
 93 100
 95 81.4 63.4 95.2
 174 115.5 89.6 134.4





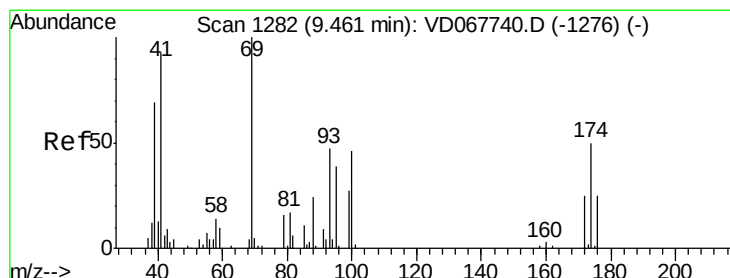
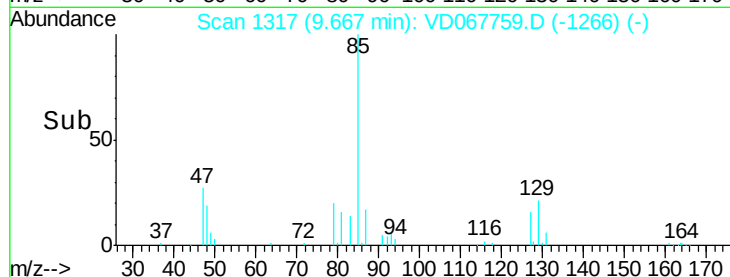
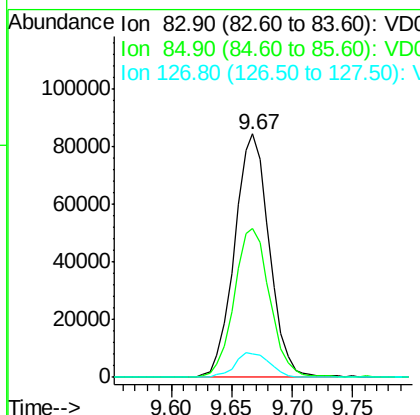
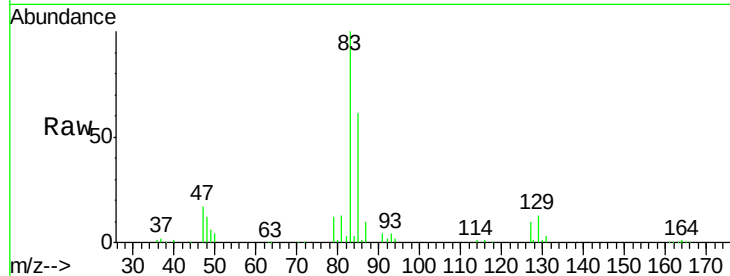
#47
Bromodichloromethane
Concen: 46.104 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	168956		
85	61.4	54.2	81.2	
127	9.9	7.6	11.4	

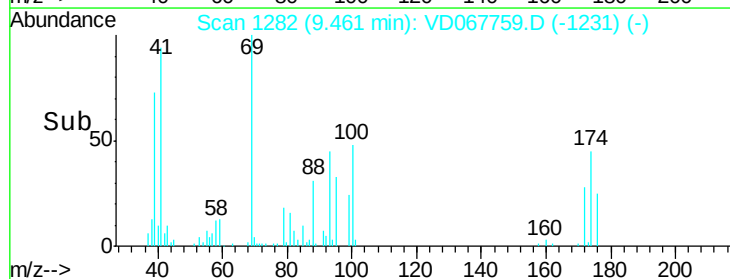
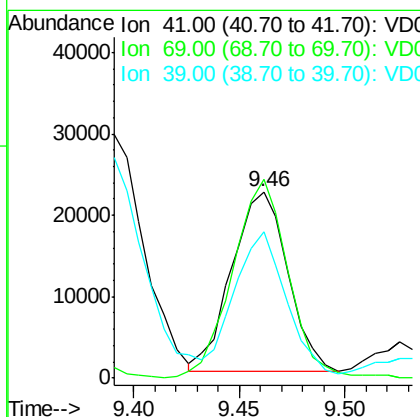
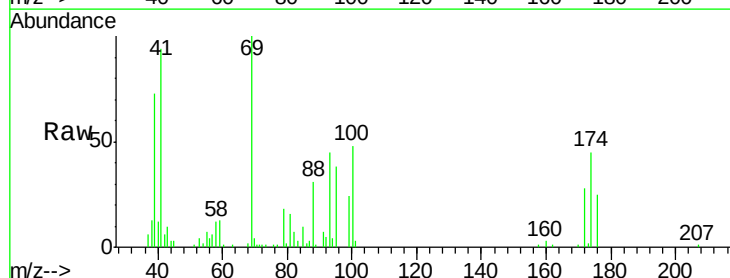
Manual Integrations
APPROVED

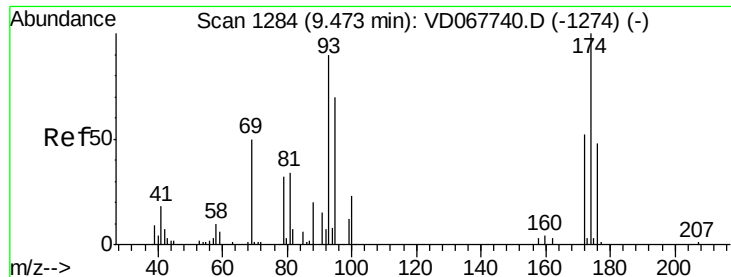
MMDadoda
11/25/2020 2:01:51 PM



#48
Methyl methacrylate
Concen: 44.039 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	40553		
69	109.9	87.8	131.6	
39	72.0	60.5	90.7	





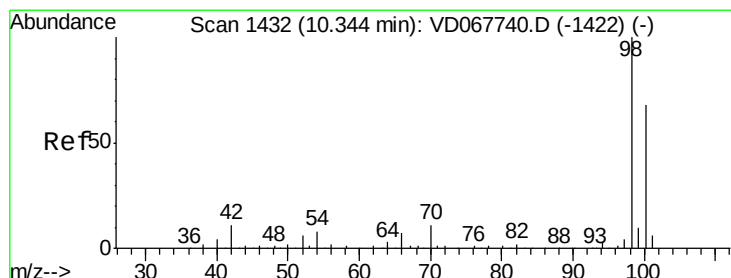
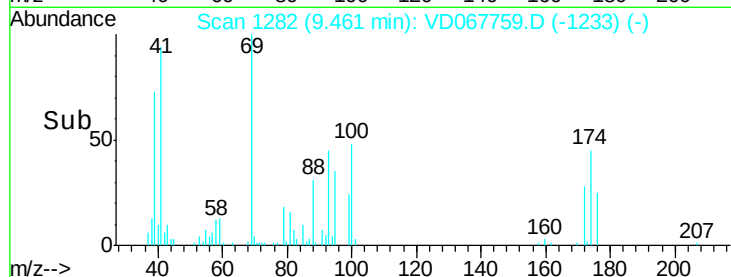
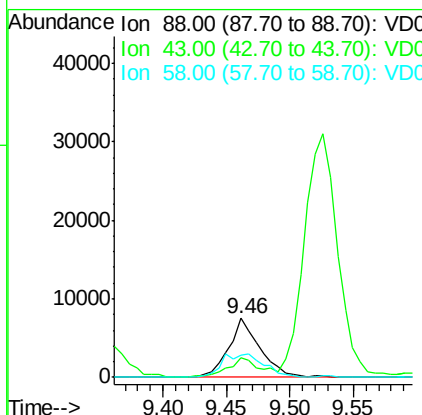
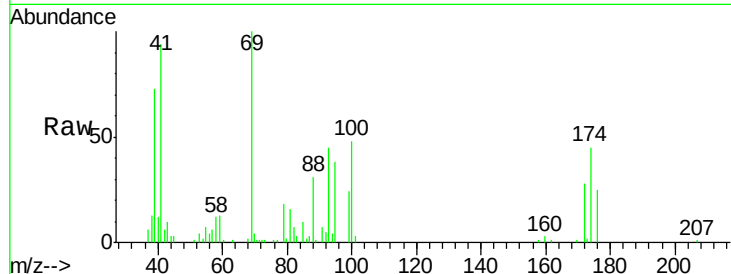
#49
1,4-Dioxane
Concen: 897.988 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	25.2	37.8
58	54.2	48.2	72.2

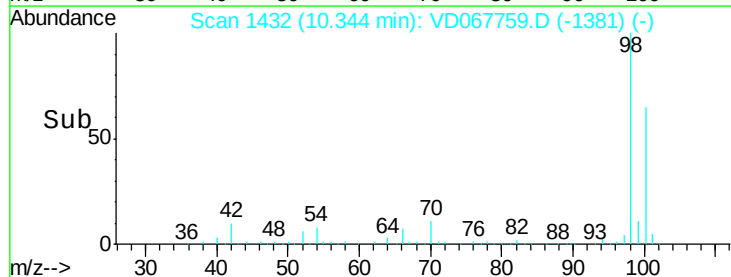
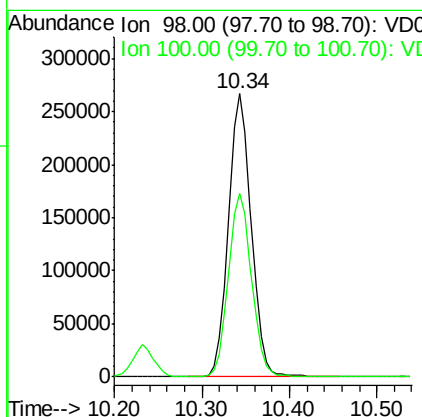
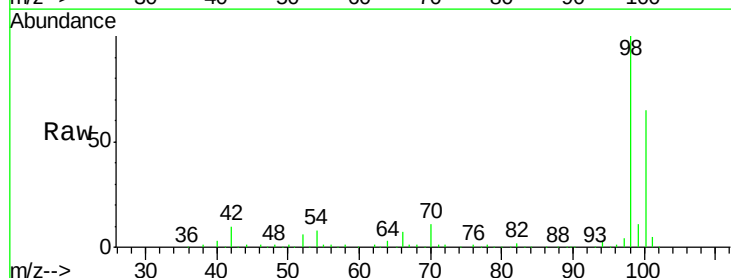
Manual Integrations
APPROVED

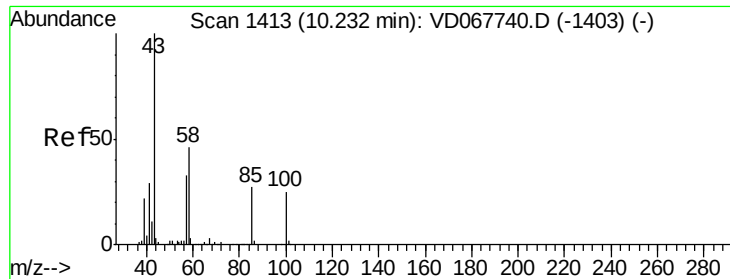
MMDadoda
11/25/2020 2:01:51 PM



#50
Toluene-d8
Concen: 50.881 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 231.234 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 200412

Ion Ratio Lower Upper

43 100

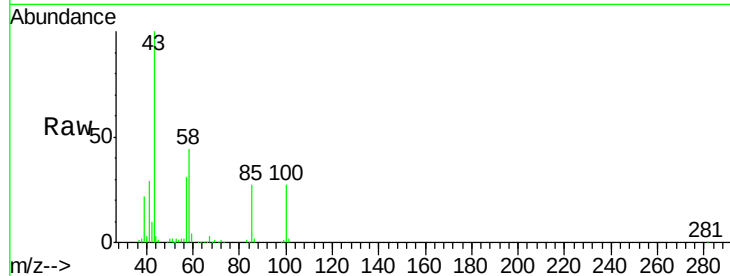
58 44.1 34.7 52.1

Manual Integrations

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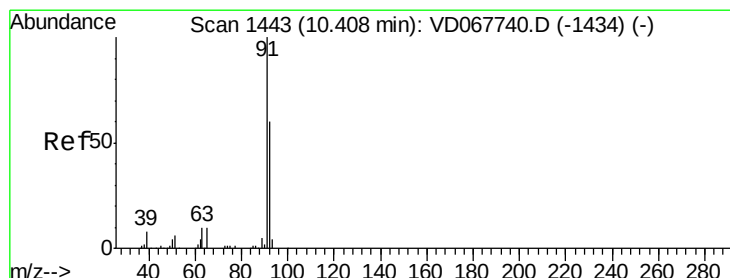
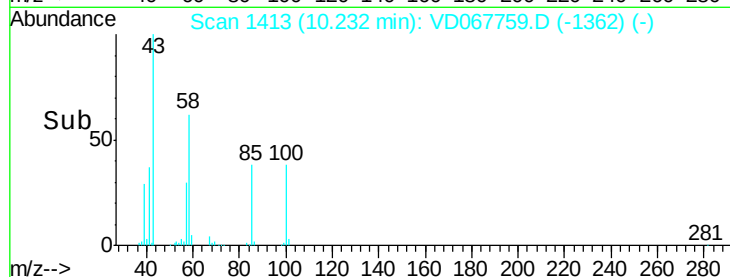
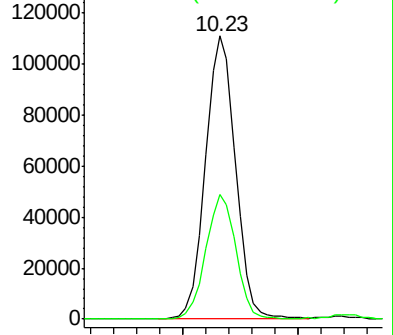
MMDadoda

11/25/2020 2:01:51 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 47.448 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067759.D

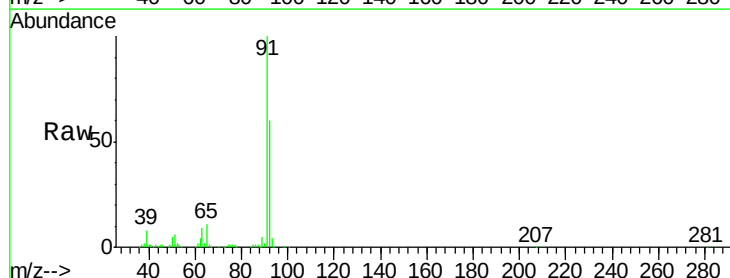
Acq: 24 Nov 2020 10:29

Tgt Ion: 92 Resp: 303229

Ion Ratio Lower Upper

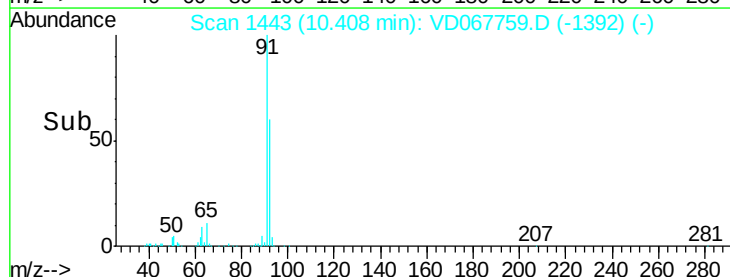
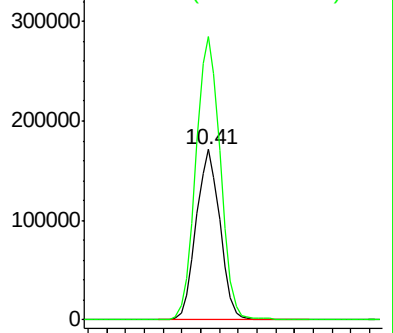
92 100

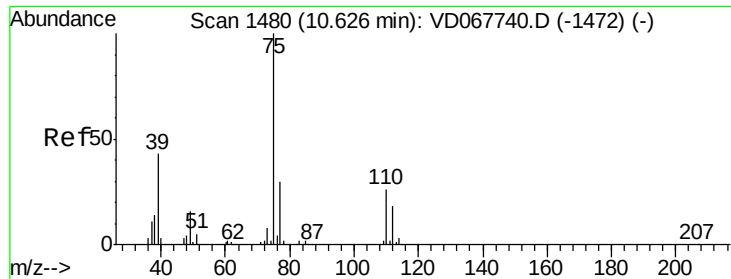
91 170.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





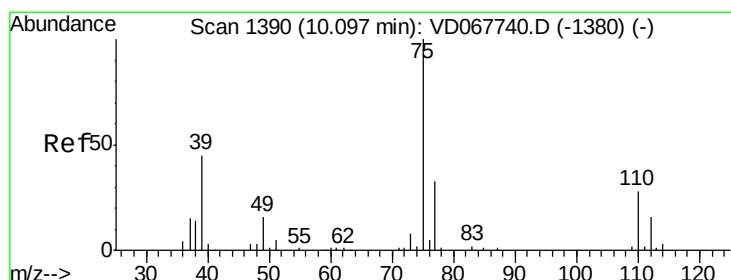
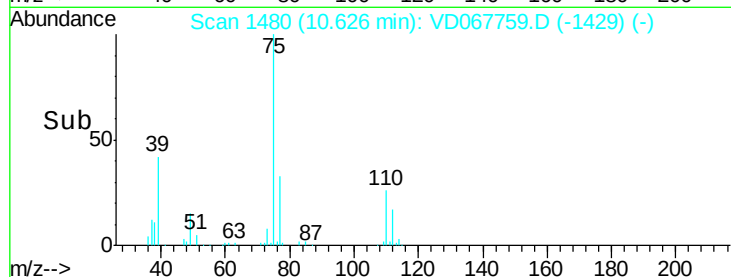
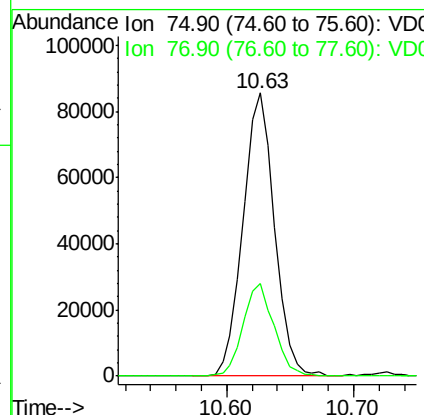
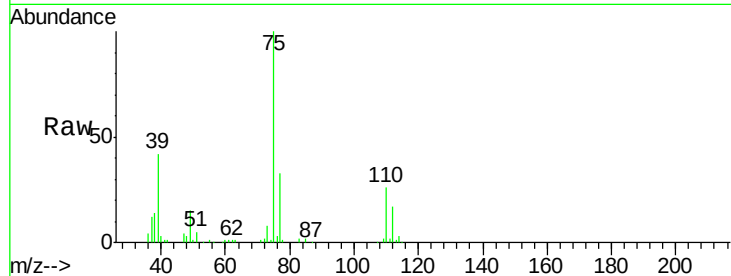
#53
t-1,3-Dichloropropene
Concen: 46.048 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 147430
Ion Ratio Lower Upper
75 100
77 32.7 24.2 36.4

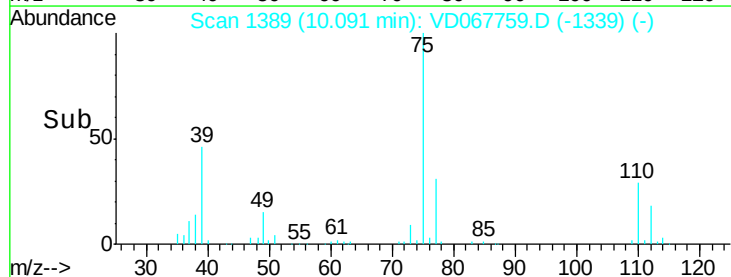
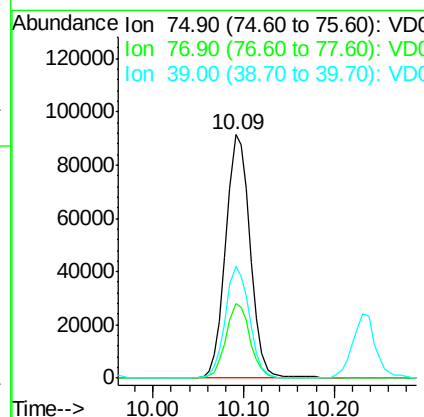
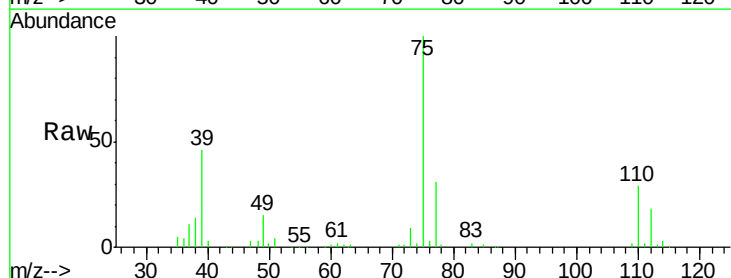
Manual Integrations
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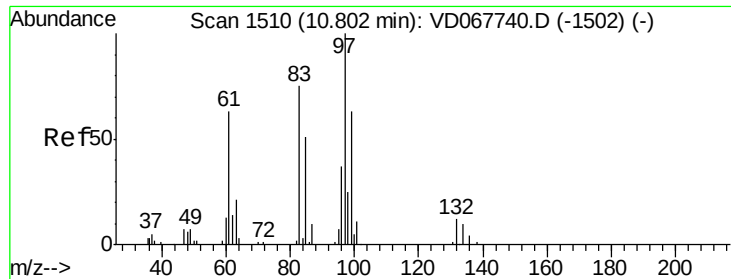
MMDadoda
11/25/2020 2:01:51 PM



#54
cis-1,3-Dichloropropene
Concen: 47.359 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 75 Resp: 171598
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
39 45.7 35.8 53.6





#55

1,1,2-Trichloroethane

Concen: 43.988 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 77672

Ion Ratio Lower Upper

97 100

83 73.3 60.2 90.4

85 48.2 40.5 60.7

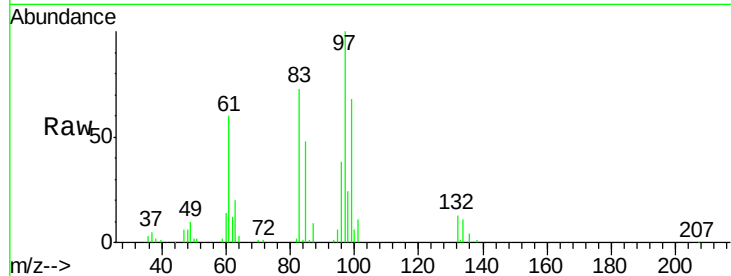
99 67.8 50.6 76.0

Manual Integrations

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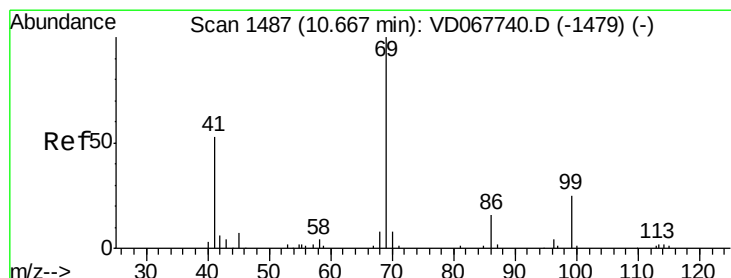
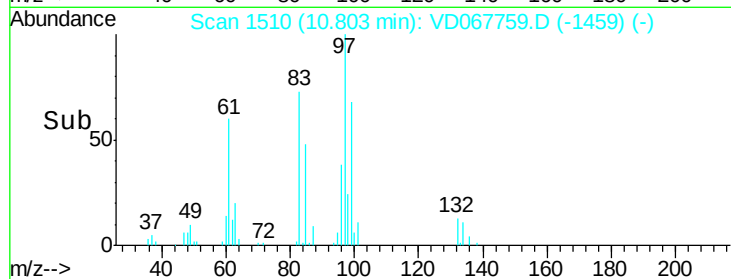
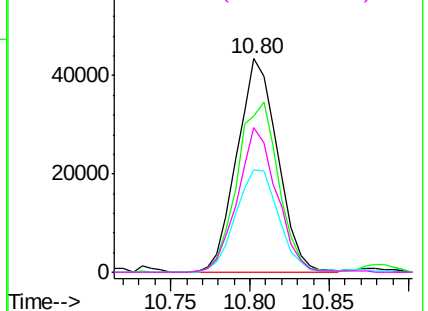


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 45.809 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

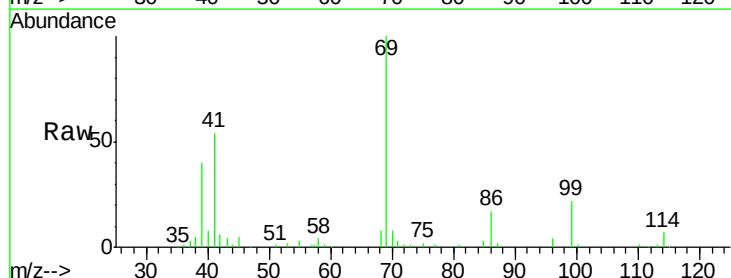
Tgt Ion: 69 Resp: 83745

Ion Ratio Lower Upper

69 100

41 55.6 43.4 65.0

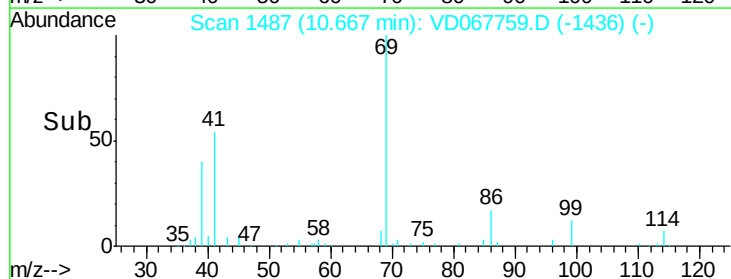
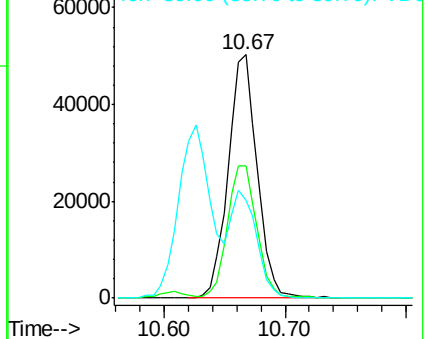
39 39.2 29.6 44.4

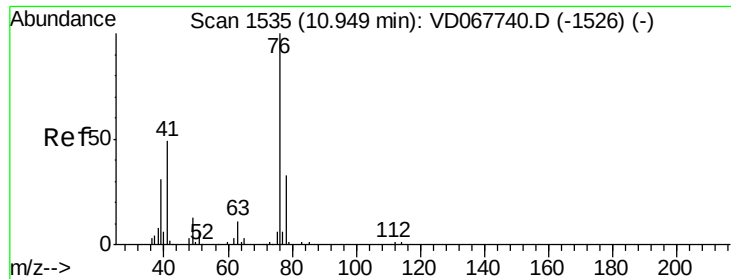


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





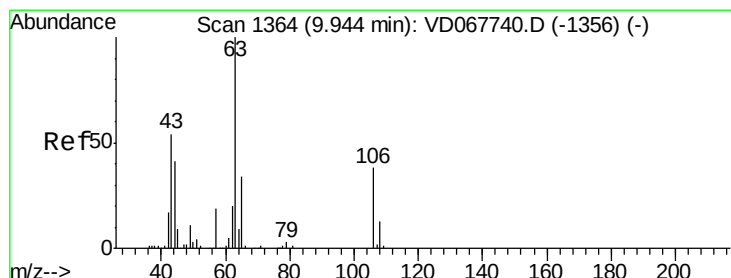
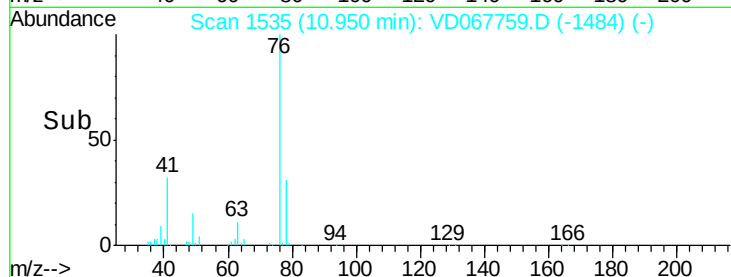
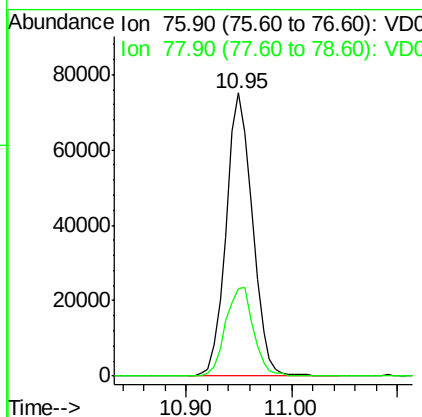
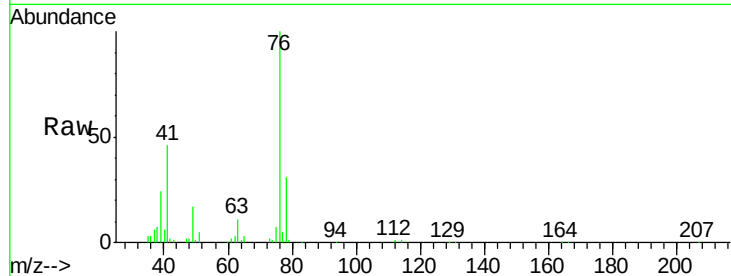
#57
 1,3-Dichloropropane
 Concen: 46.392 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 129159
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.7 38.5

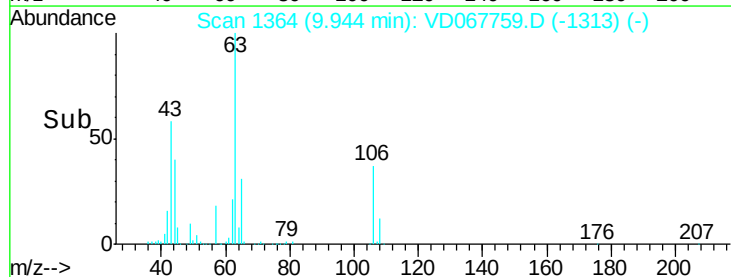
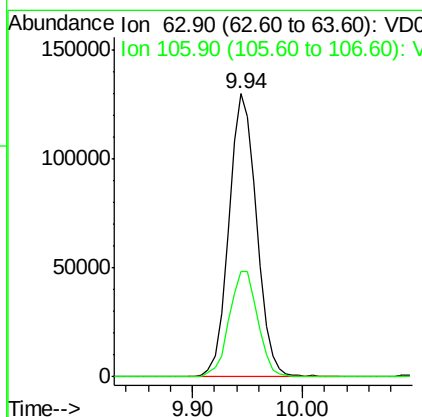
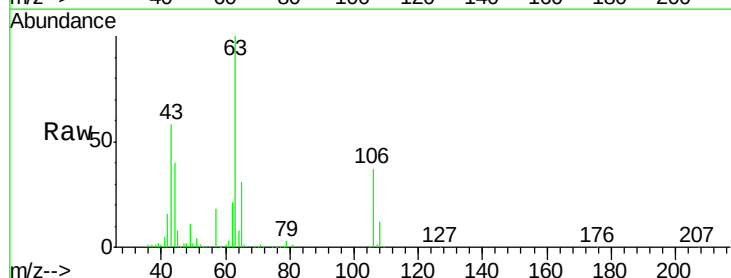
Manual Integrations
 APPROVED

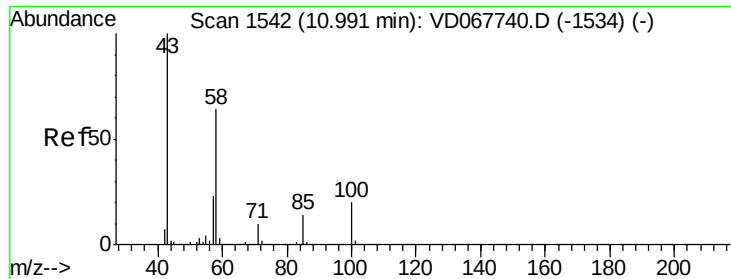
MMDadoda
 11/25/2020 2:01:51 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.438 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion: 63 Resp: 228443
 Ion Ratio Lower Upper
 63 100
 106 38.5 31.0 46.6





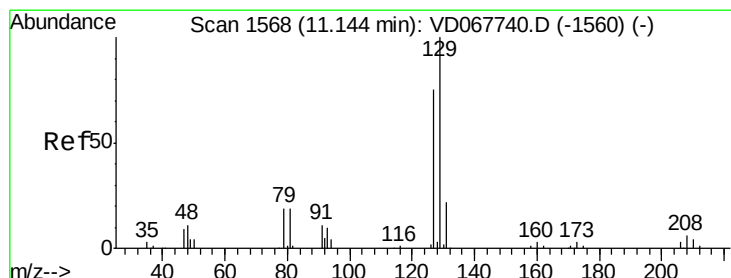
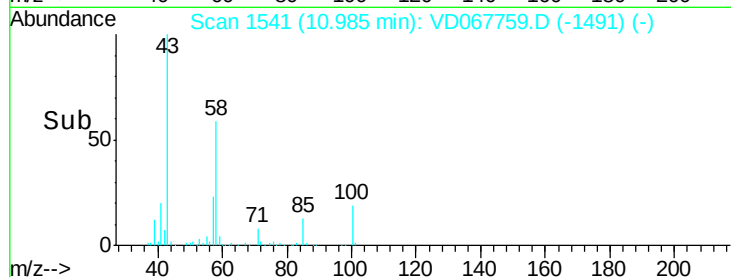
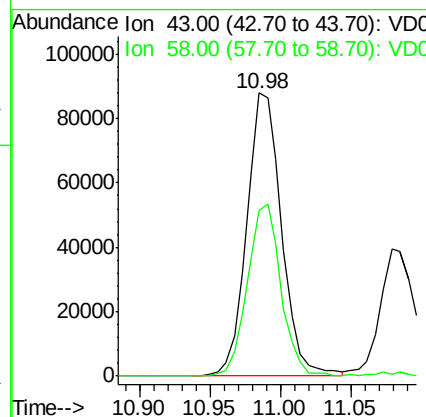
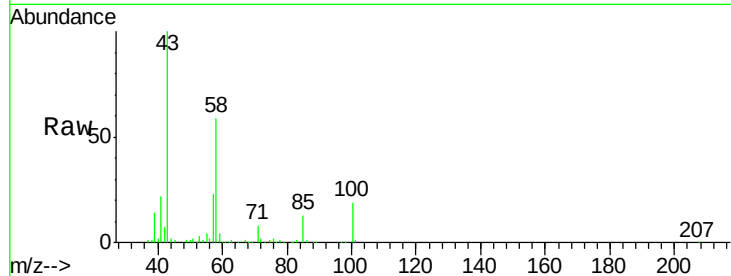
#59
2-Hexanone
Concen: 248.468 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 152043
Ion Ratio Lower Upper
43 100
58 58.5 30.5 91.5

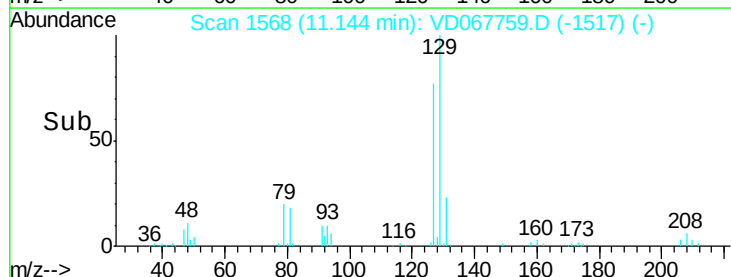
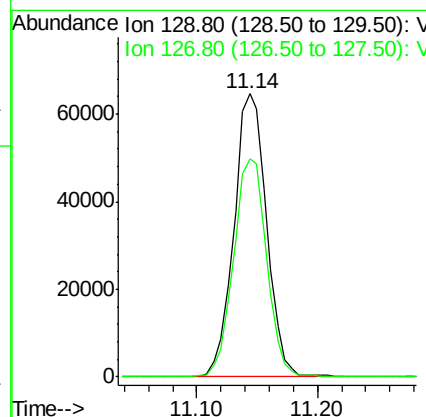
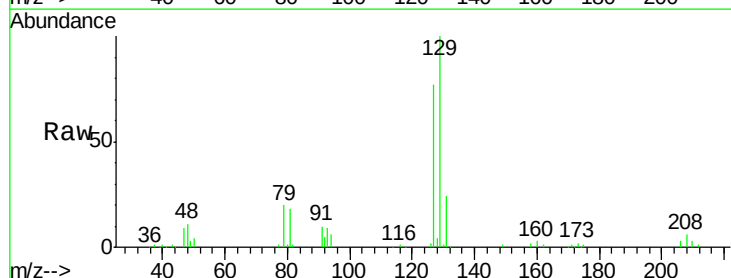
Manual Integrations
APPROVED

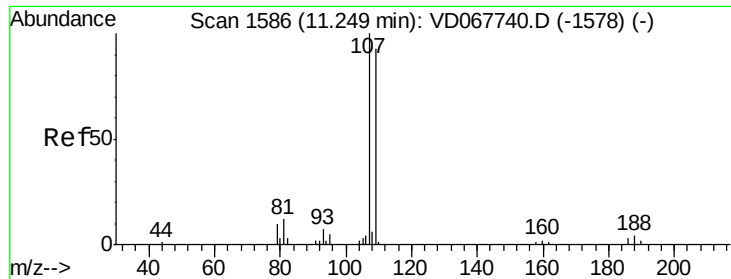
MMDadoda
11/25/2020 2:01:51 PM



#60
Dibromochloromethane
Concen: 45.148 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 129 Resp: 121481
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7





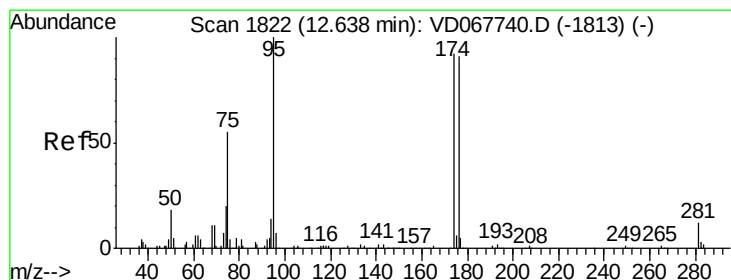
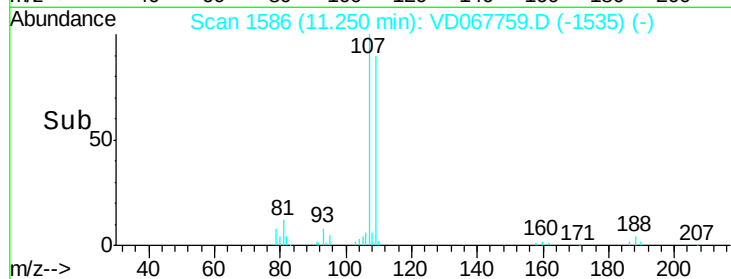
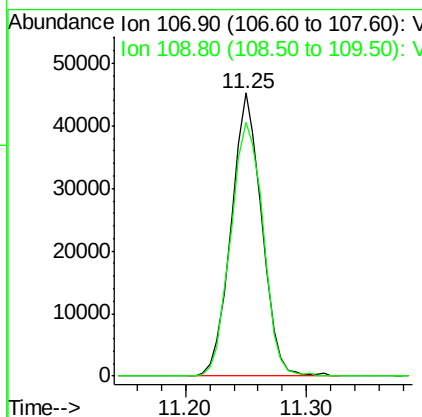
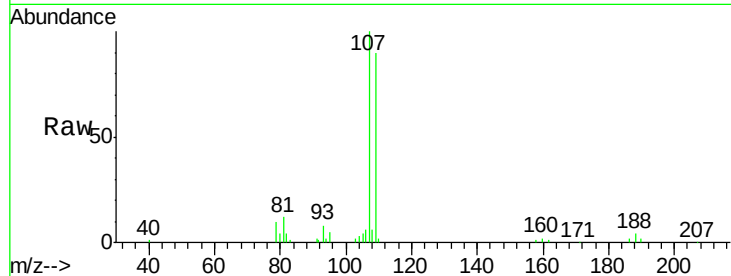
#61
 1,2-Dibromoethane
 Concen: 45.792 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.1	112.7

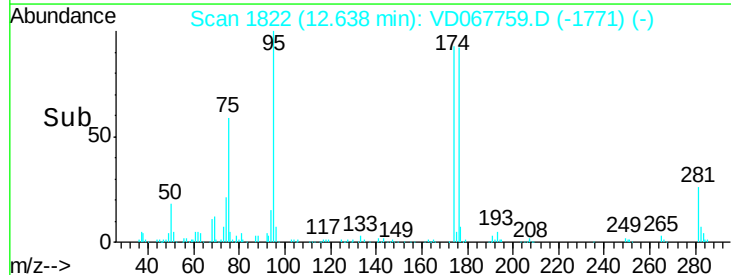
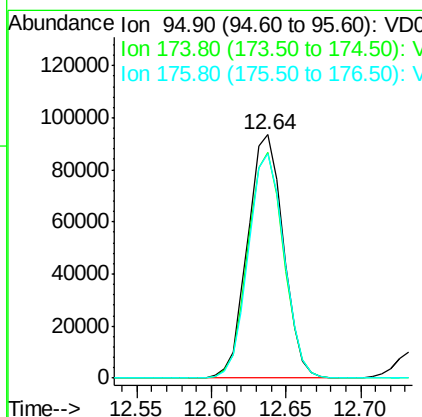
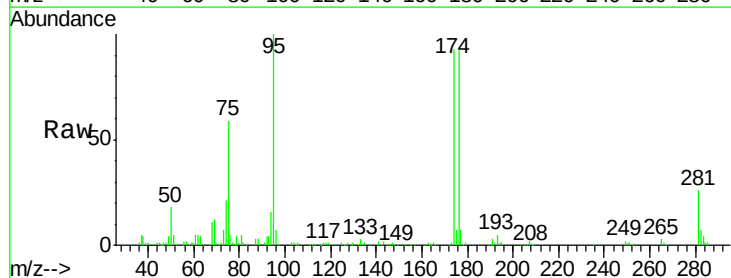
Manual Integrations
 APPROVED

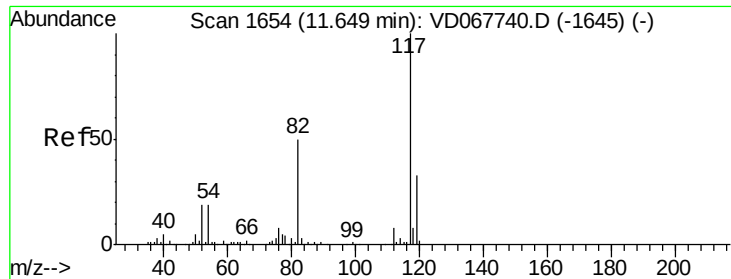
MMDadoda
 11/25/2020 2:01:51 PM



#62
 4-Bromofluorobenzene
 Concen: 48.735 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	182.4
176	91.7	0.0	178.2





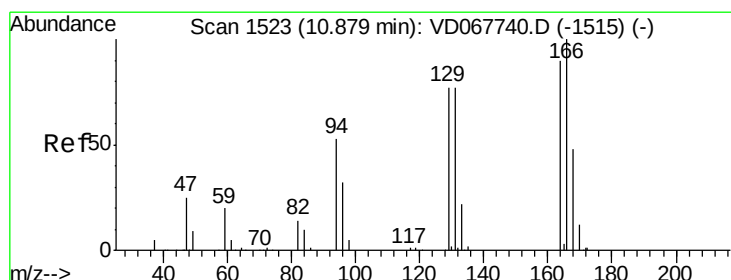
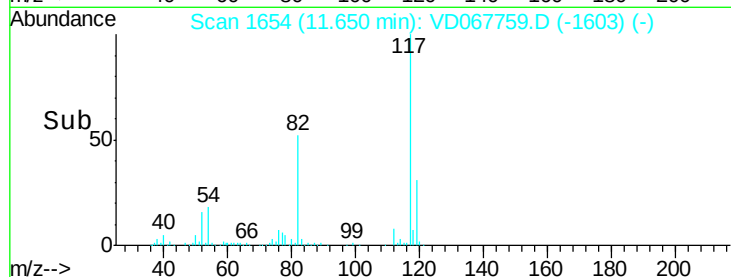
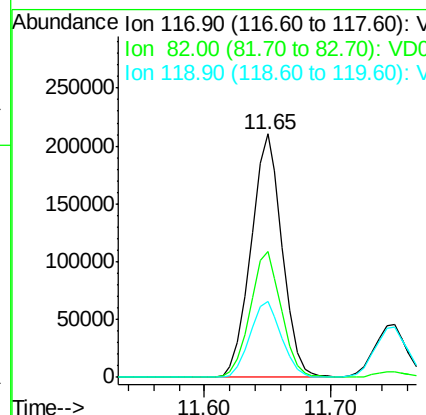
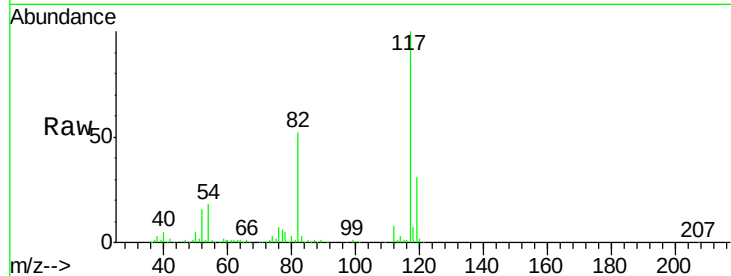
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	358717		
82	51.8	40.2	60.4	
119	31.4	26.5	39.7	

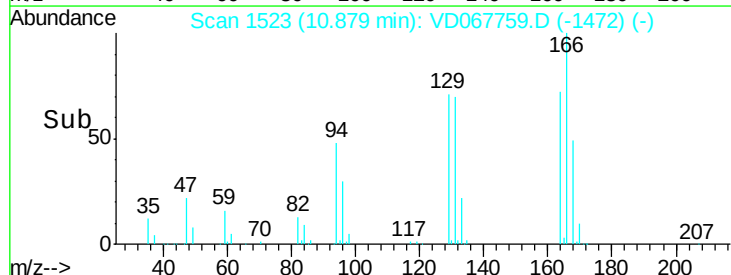
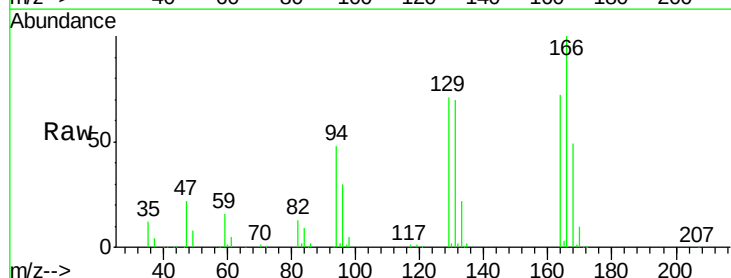
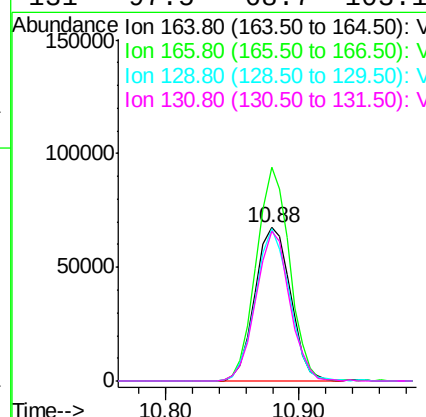
Manual Integrations
APPROVED

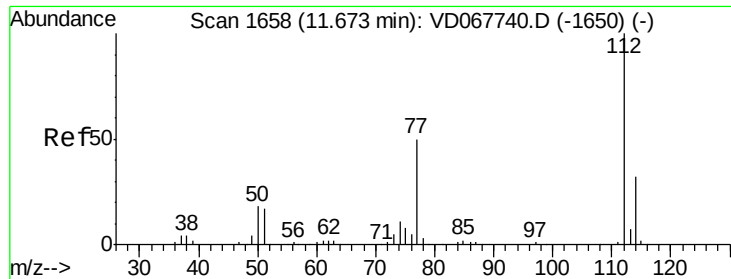
MMDadoda
11/25/2020 2:01:51 PM



#64
Tetrachloroethene
Concen: 44.744 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124575		
166	139.1	89.2	133.8#	
129	99.0	68.4	102.6	
131	97.5	68.7	103.1	





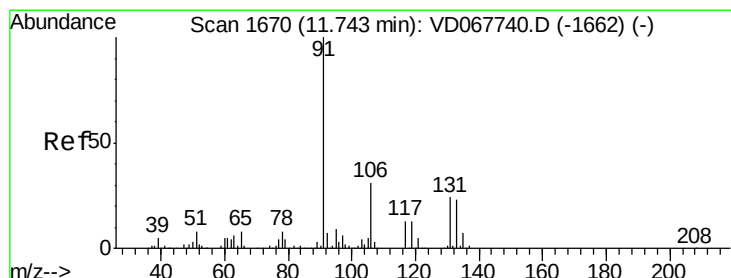
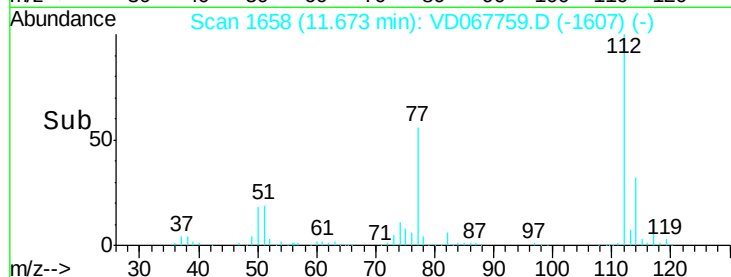
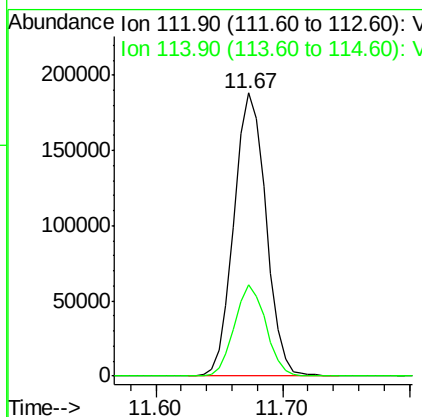
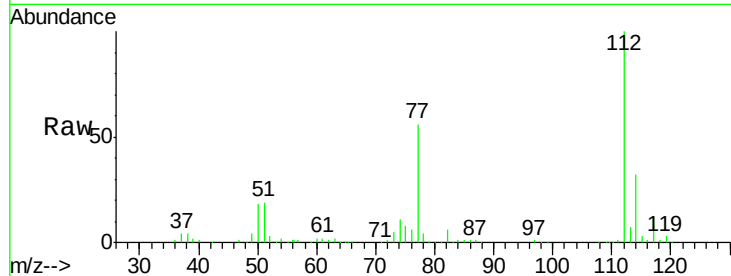
#65
Chlorobenzene
Concen: 46.766 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 329713
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

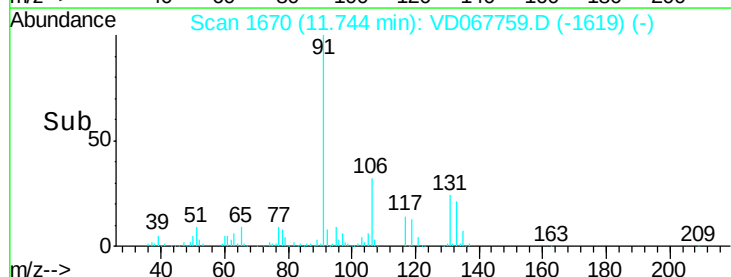
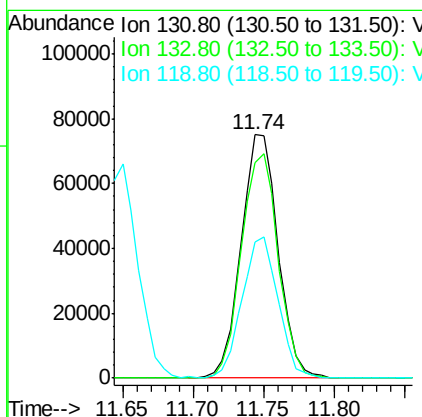
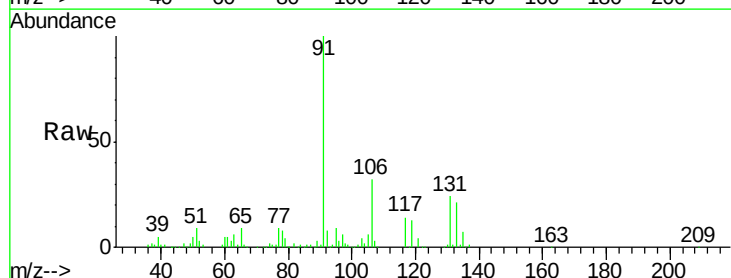
Manual Integrations
APPROVED

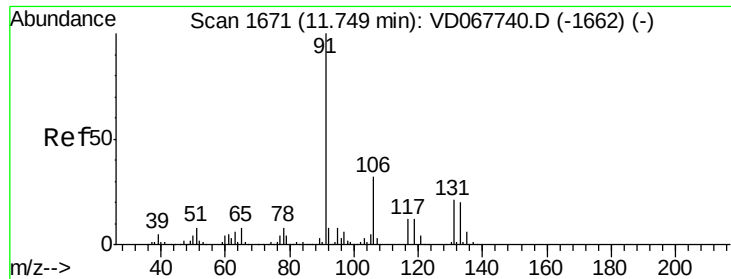
MMDadoda
11/25/2020 2:01:51 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.242 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion:131 Resp: 137582
Ion Ratio Lower Upper
131 100
133 92.4 49.0 147.0
119 57.0 28.8 86.5





#67

Ethyl Benzene

Concen: 47.648 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 579946

Ion Ratio Lower Upper

91 100

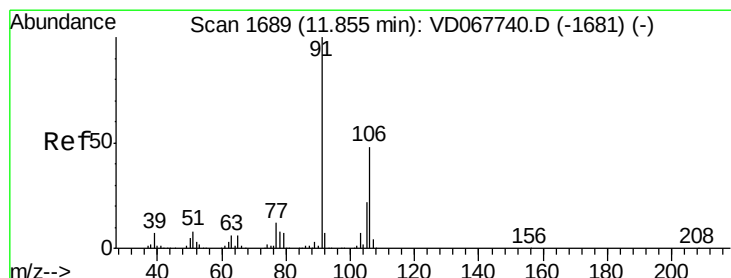
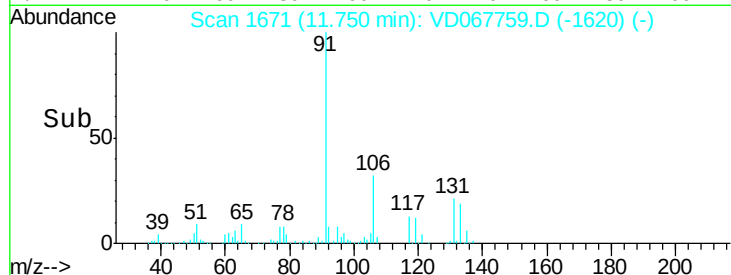
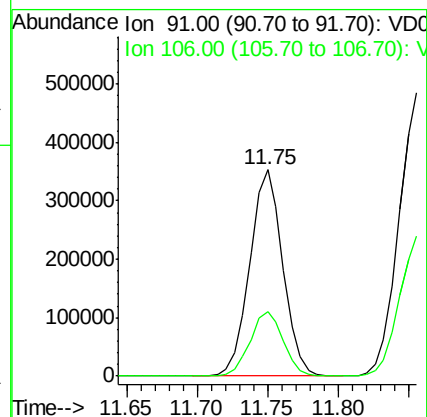
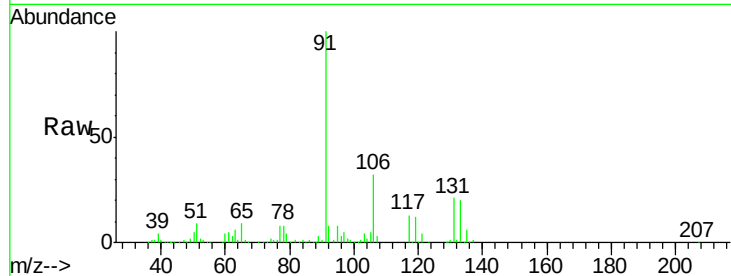
106 31.5 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 96.283 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067759.D

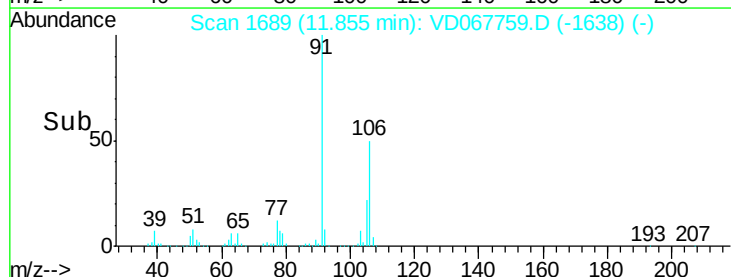
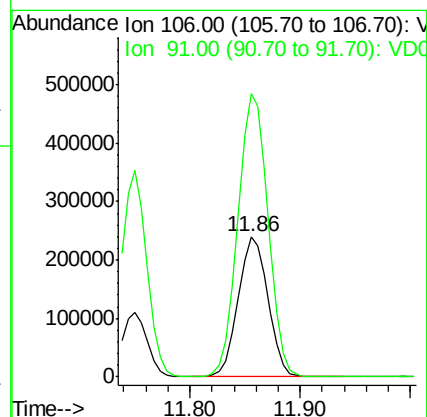
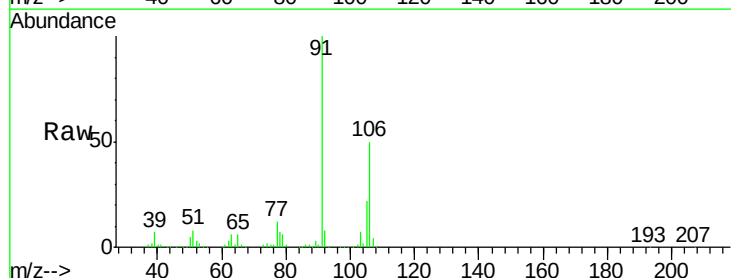
Acq: 24 Nov 2020 10:29

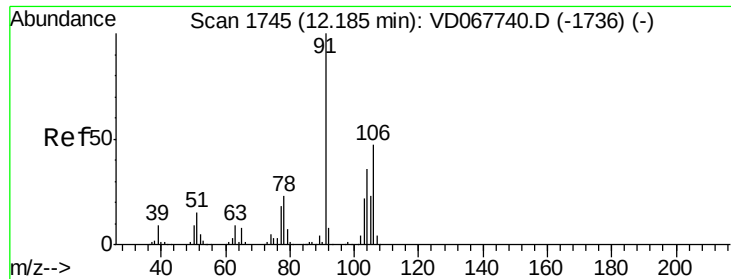
Tgt Ion: 106 Resp: 456043

Ion Ratio Lower Upper

106 100

91 204.2 163.0 244.6





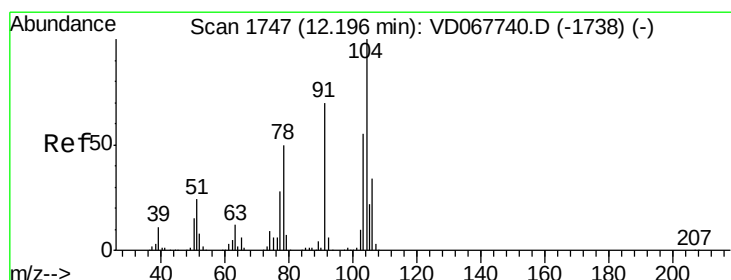
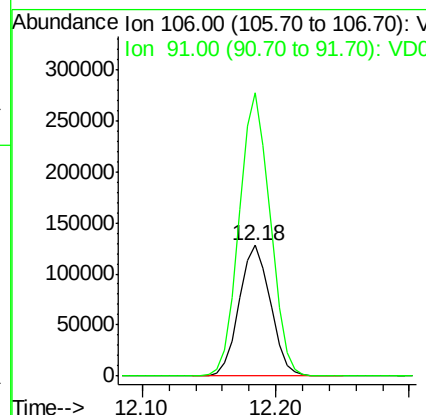
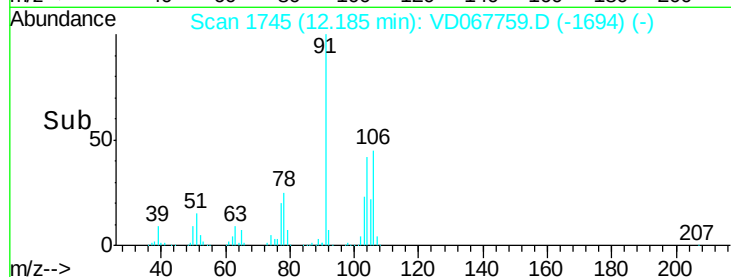
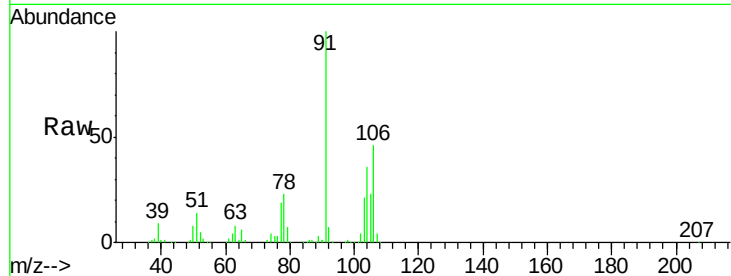
#69
o-Xylene
Concen: 48.121 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		207522		
91	215.4	106.2	318.6		

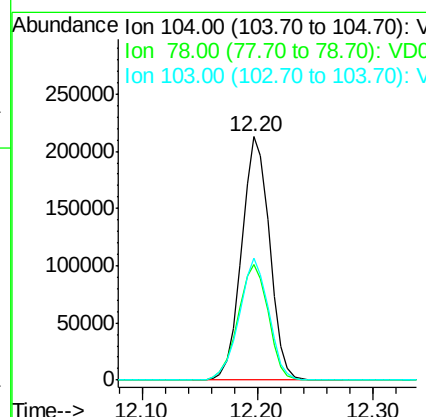
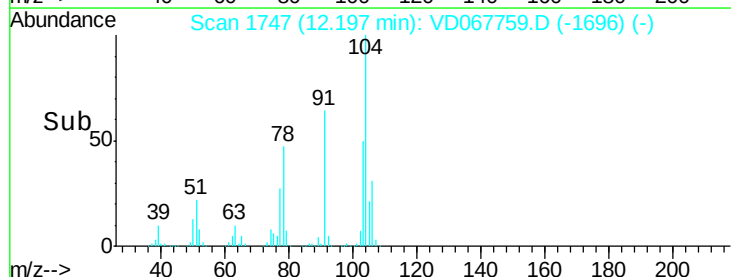
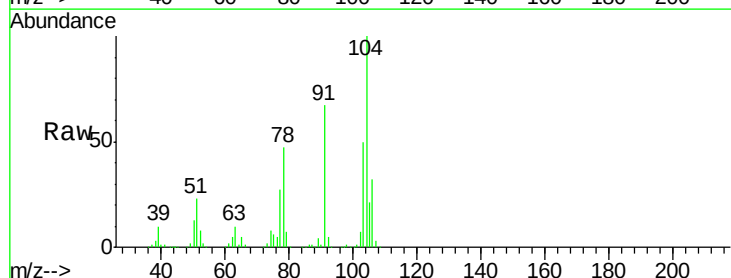
Manual Integrations
APPROVED

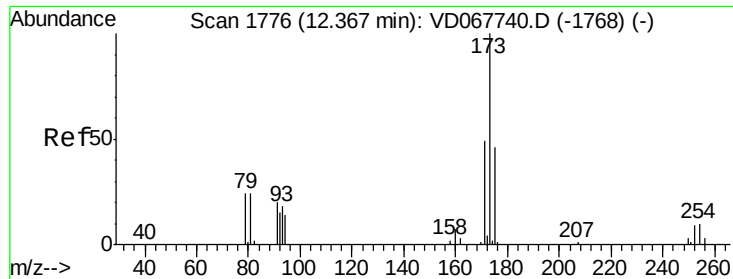
MMDadoda
11/25/2020 2:01:51 PM



#70
Styrene
Concen: 48.445 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		355858		
78	51.2	41.9	62.9		
103	52.7	44.1	66.1		





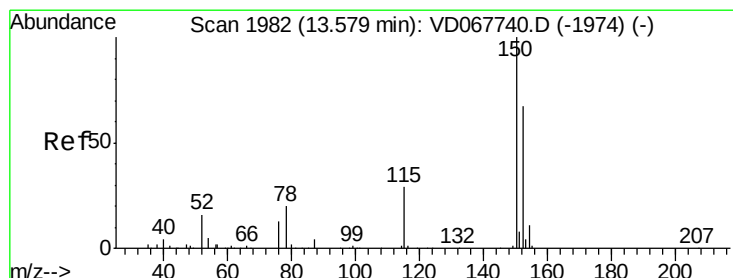
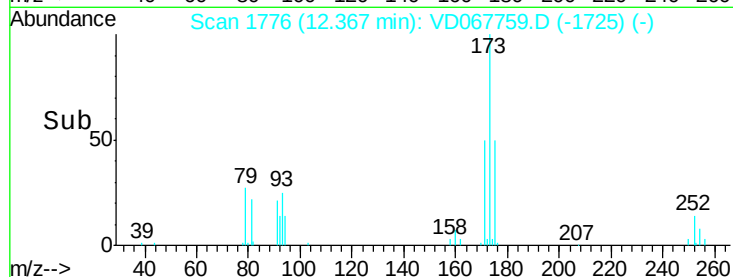
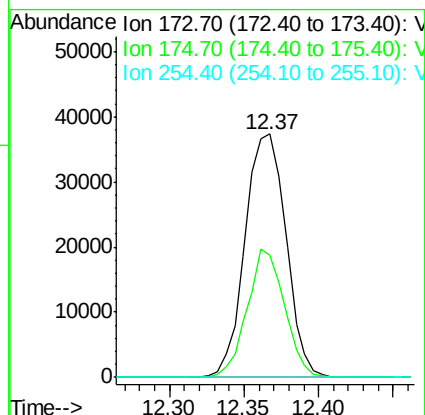
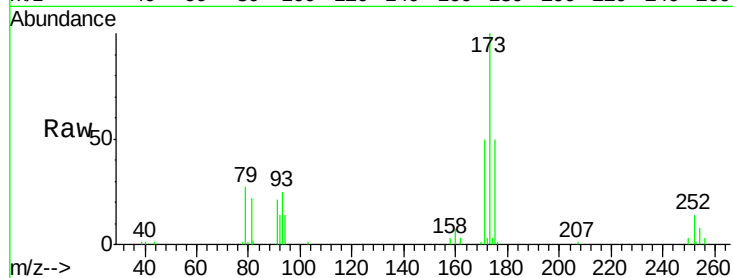
#71
Bromoform
Concen: 45.743 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.7
254	0.0	0.0	0.0

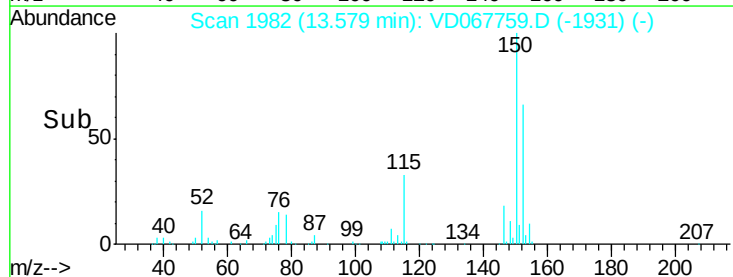
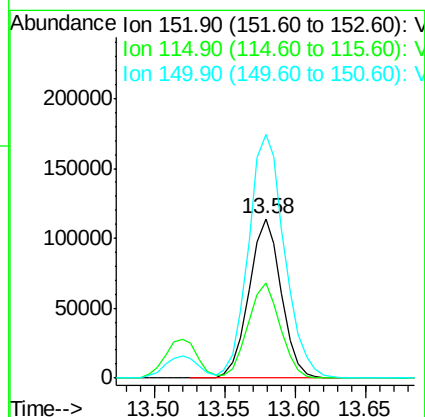
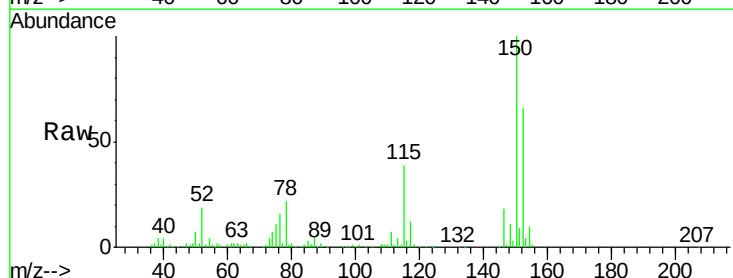
Manual Integrations
APPROVED

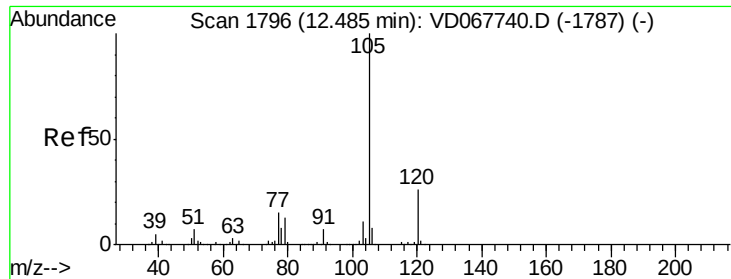
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.4	88.3
150	171.0	0.0	340.6





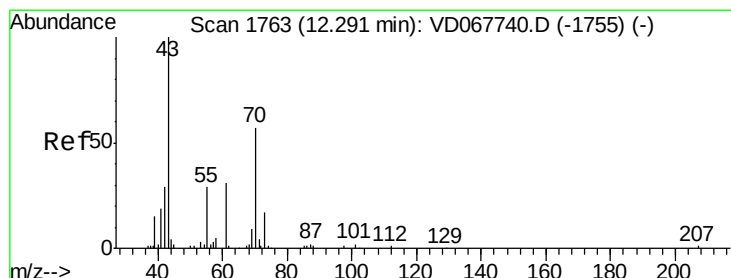
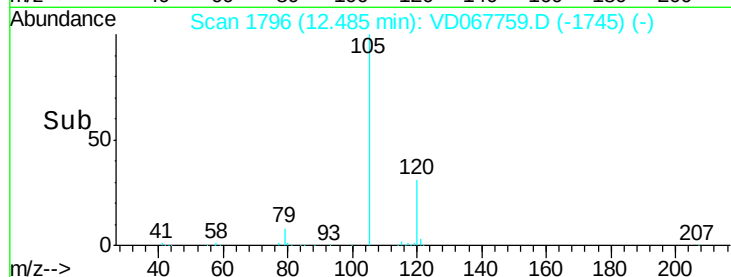
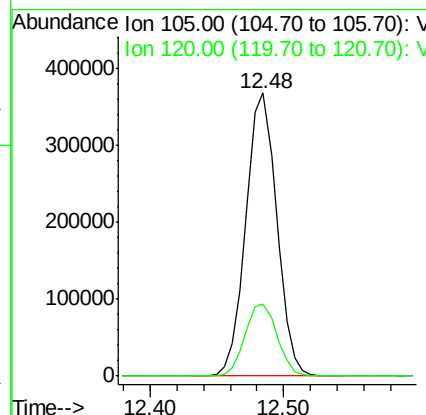
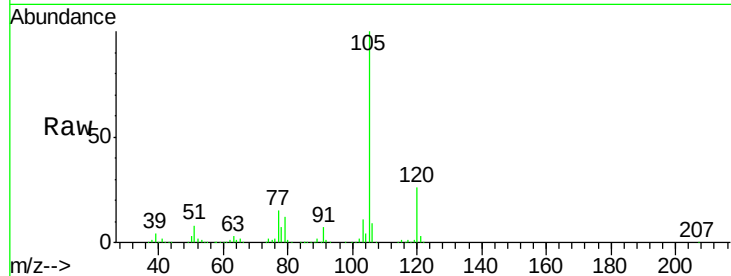
#73
Isopropylbenzene
Concen: 49.101 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.6

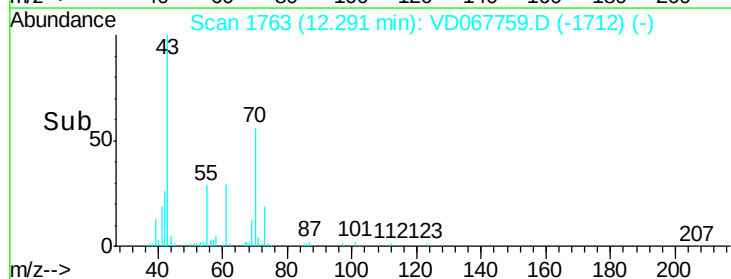
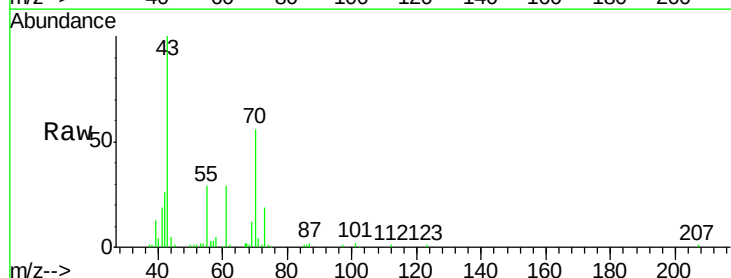
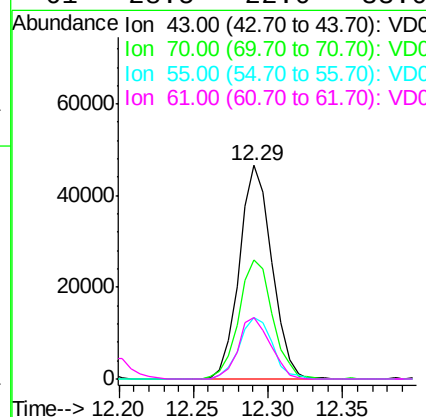
Manual Integrations
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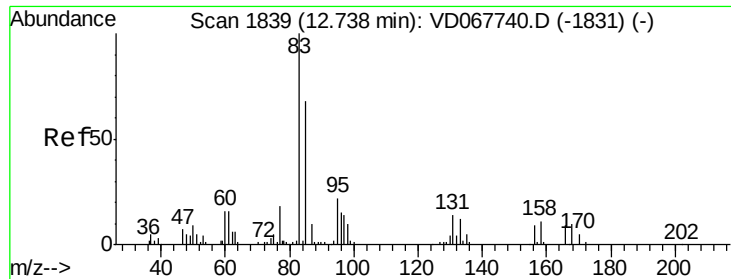
MMDadoda
11/25/2020 2:01:51 PM



#74
N-ethyl acetate
Concen: 44.496 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
43	100		
70	57.9	44.6	66.8
55	29.7	24.2	36.2
61	28.5	22.0	33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.595 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

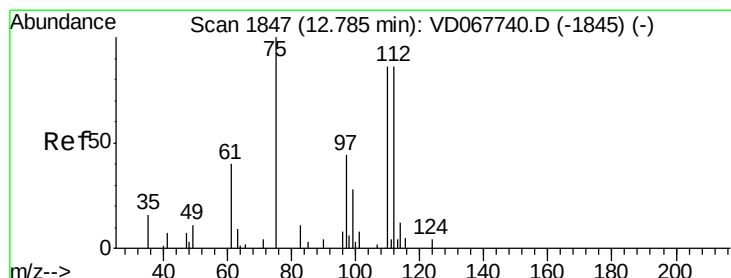
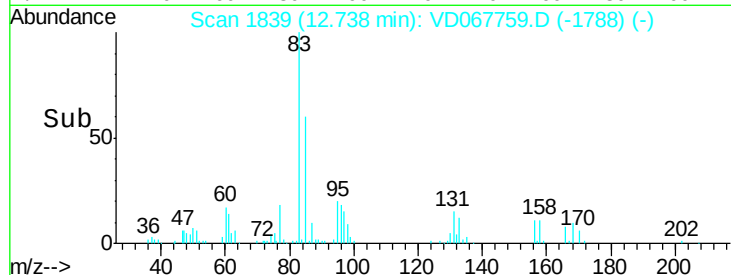
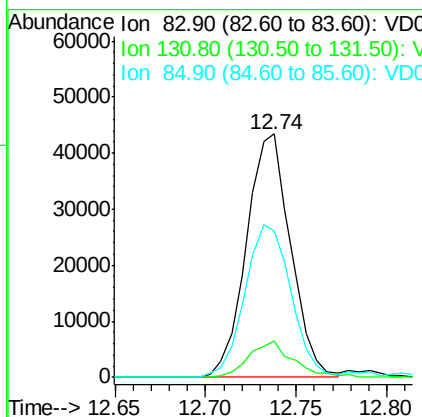
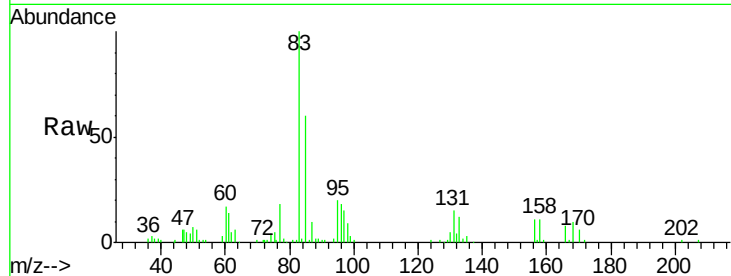
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	73495
Ion Ratio	100	Lower	Upper
83	100		
131	14.9	8.1	24.1
85	65.1	33.9	101.7

Manual Integrations
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11/25/2020 2:01:51 PM



#76

1,2,3-Trichloropropane

Concen: 51.800 ug/l m

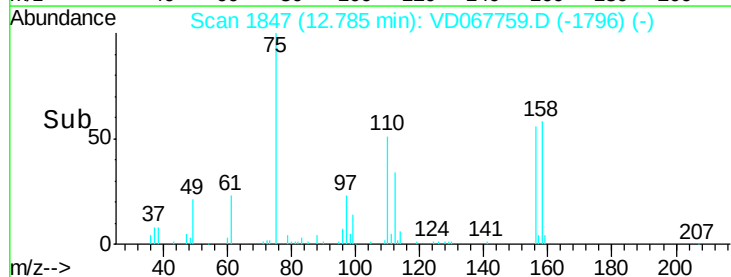
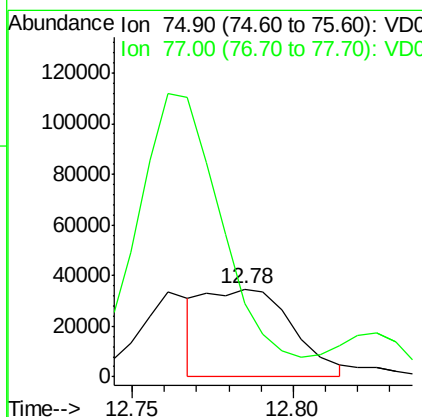
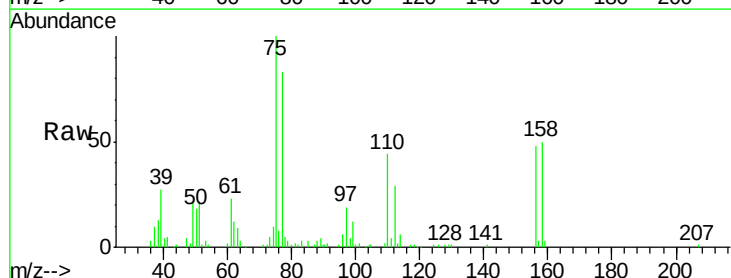
RT: 12.78 min Scan# 1847

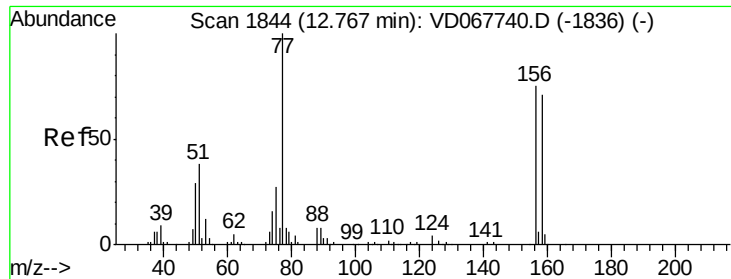
Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Tgt Ion	75	Resp	65902
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.675 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

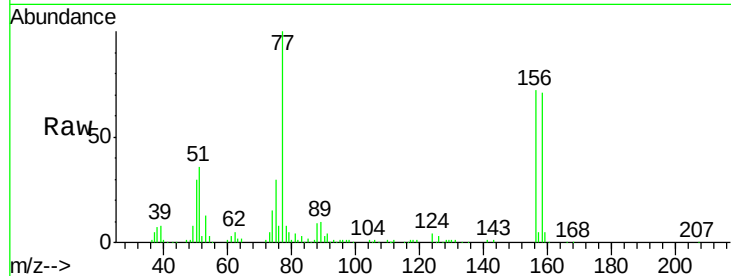
ClientSampleID :

VSTDCCC050

Tot Ion:	156	Resp:	140332
Ion Ratio	Lower	Upper	
156	100		
77	149.4	73.5	220.3
158	98.9	48.1	144.4

Manual Integrations
APPROVED

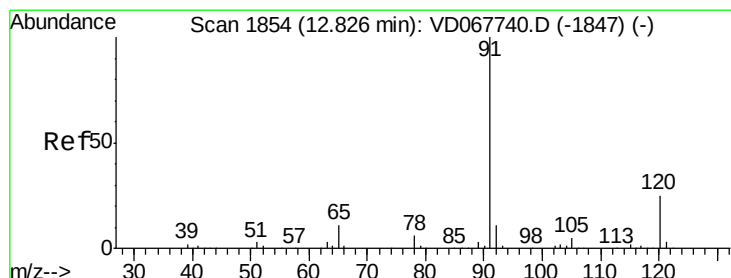
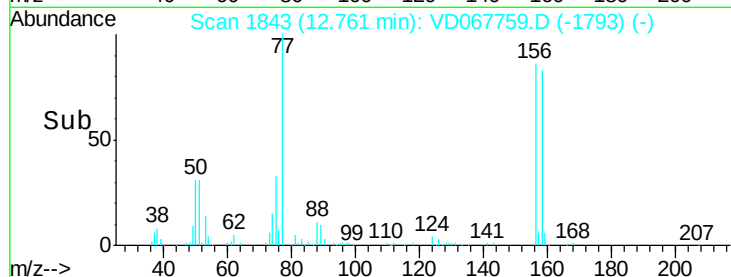
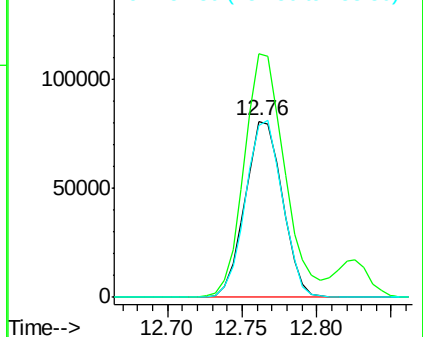
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.337 ug/l

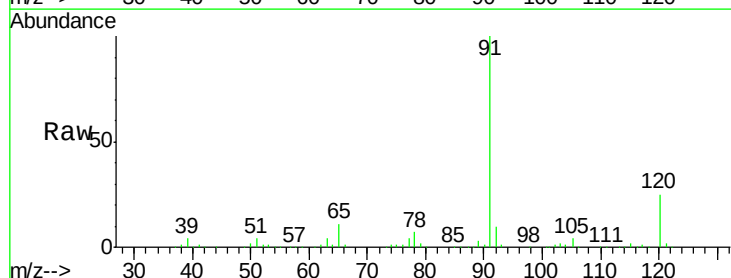
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067759.D

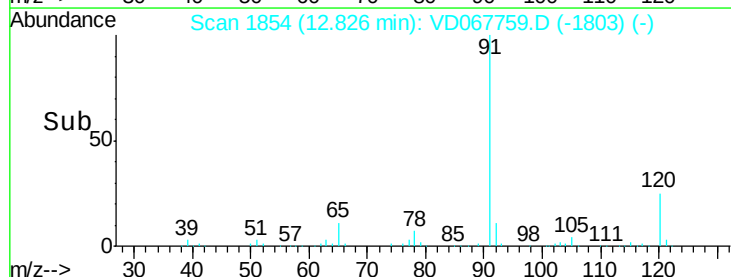
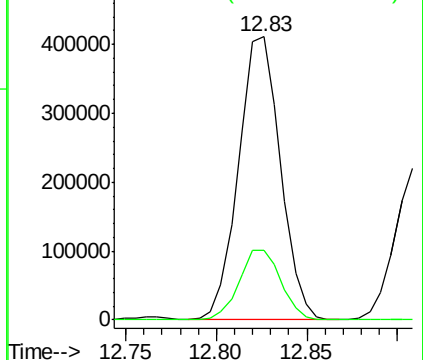
Acq: 24 Nov 2020 10:29

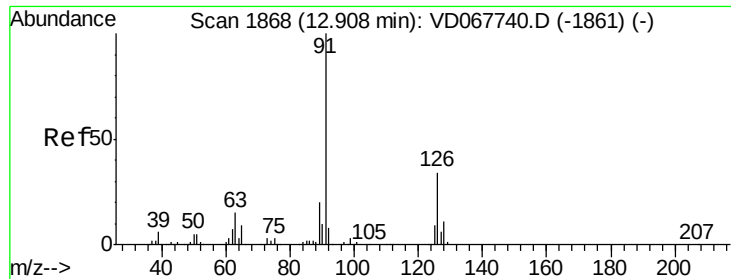
Tgt Ion:	91	Resp:	659260
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.4	37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





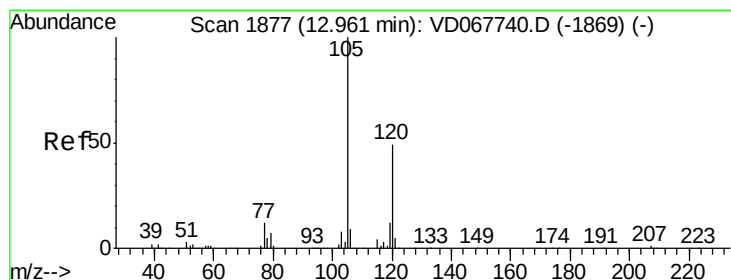
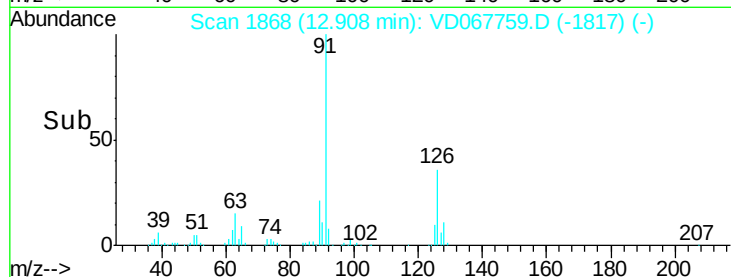
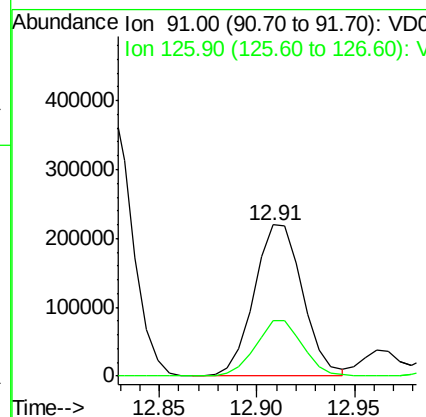
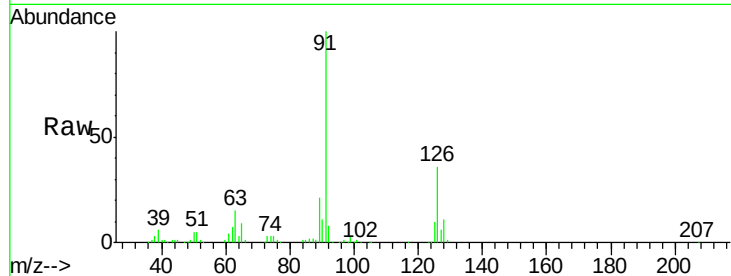
#79
2-Chlorotoluene
Concen: 47.722 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 377544
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.7

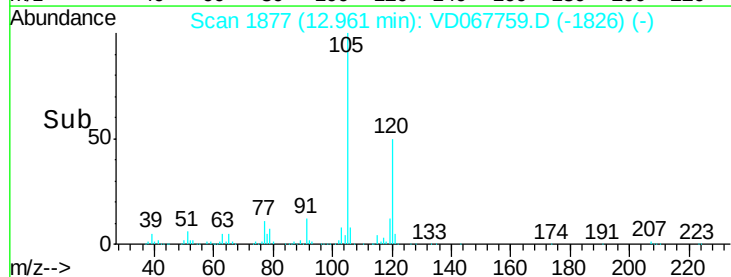
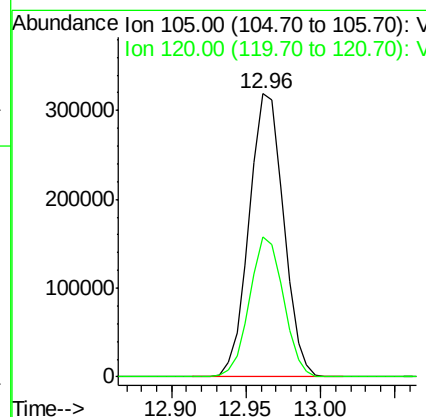
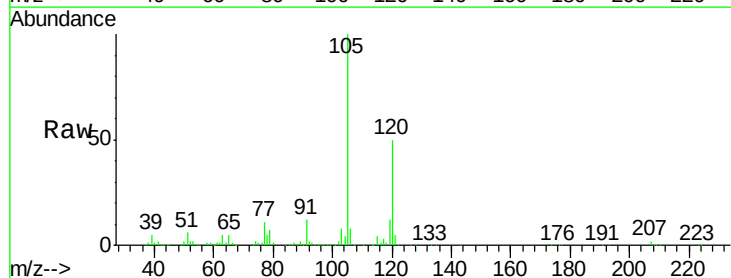
Manual Integrations
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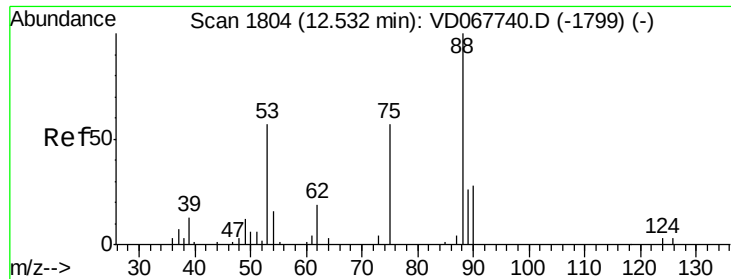
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 48.653 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 105 Resp: 508250
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7





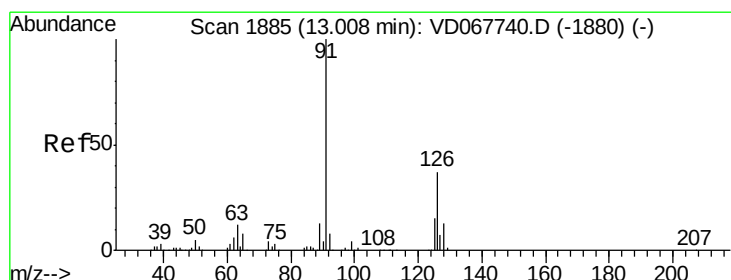
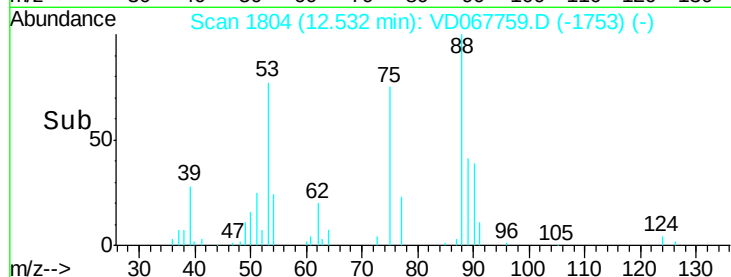
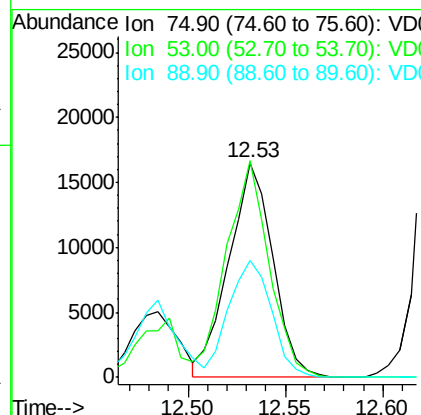
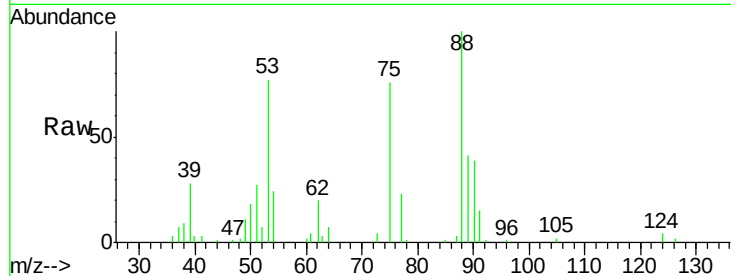
#81
trans-1,4-Dichloro-2-butene
Concen: 47.532 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.8	76.0	114.0
89	52.7	40.2	60.4

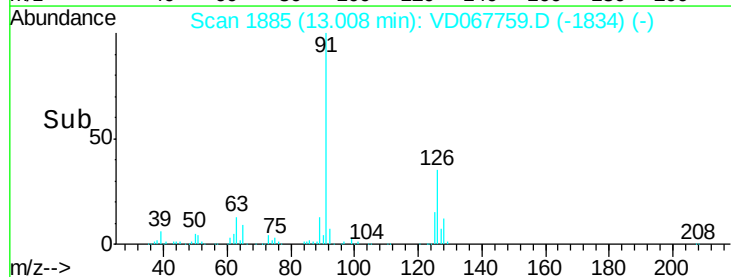
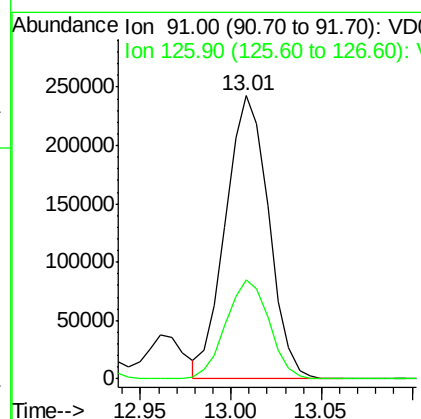
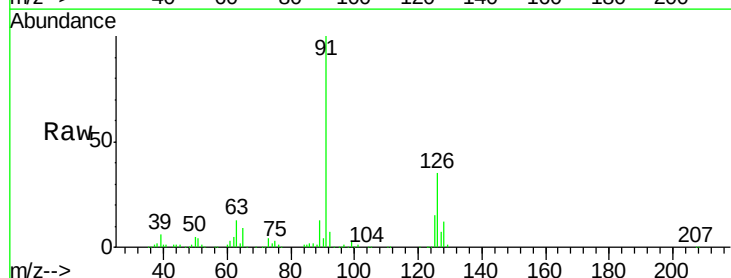
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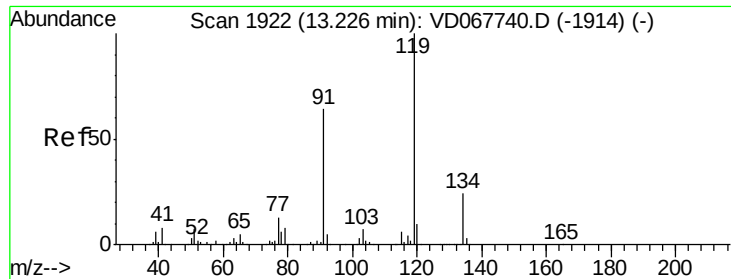
MMDadoda
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#82
4-Chlorotoluene
Concen: 47.603 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.7	53.1





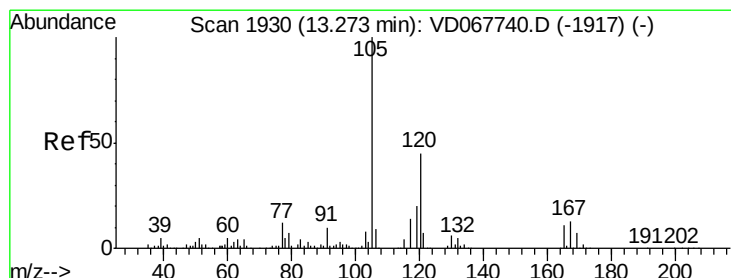
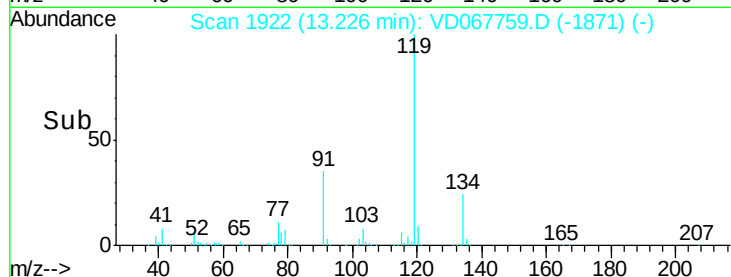
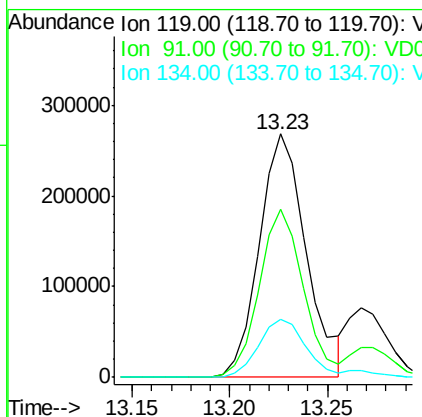
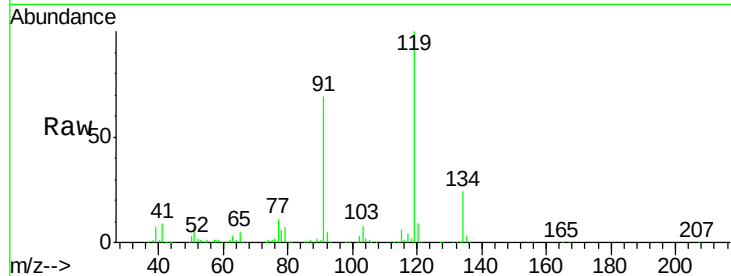
#83
 tert-Butylbenzene
 Concen: 49.920 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.9	98.7
134	25.9	12.9	38.6

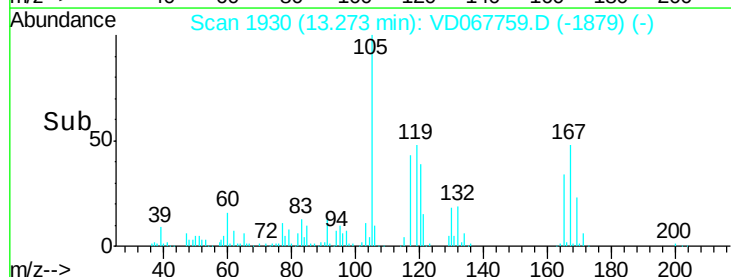
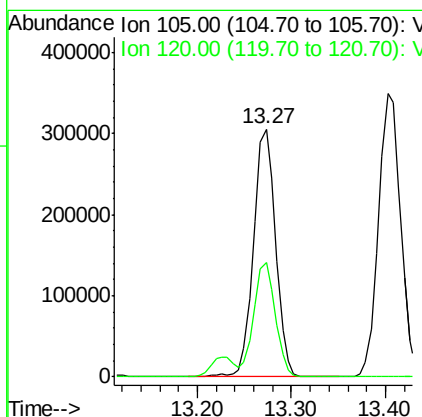
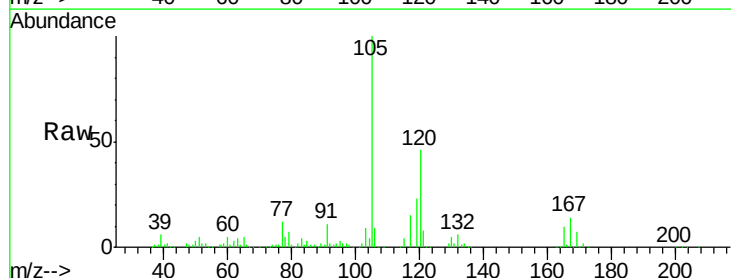
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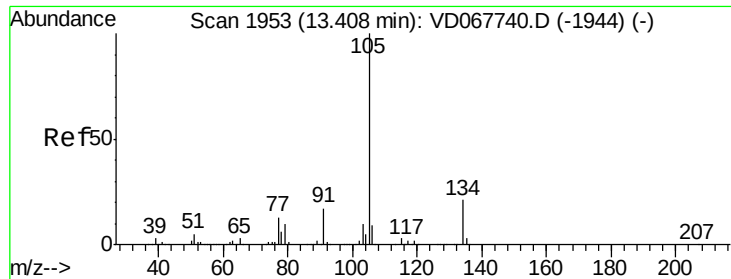
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.799 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.7





#85

sec-Butylbenzene

Concen: 48.151 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 567840

Ion Ratio Lower Upper

105 100

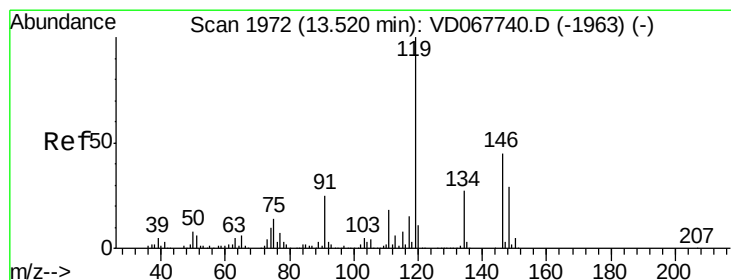
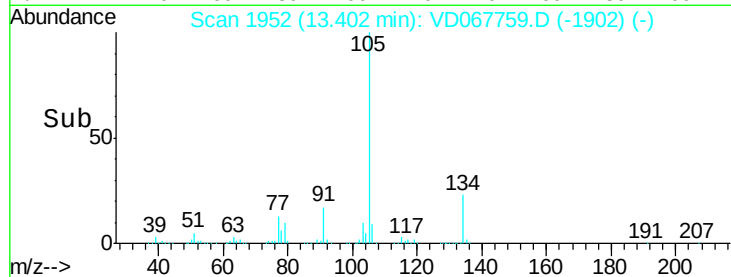
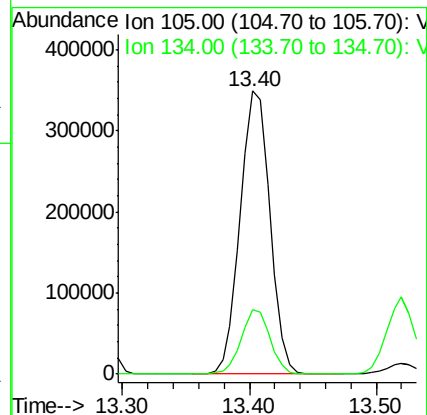
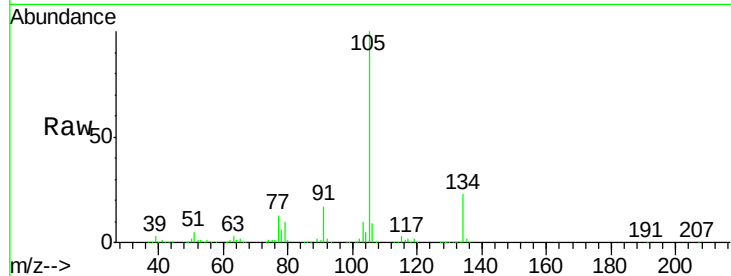
134 22.0 10.7 32.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.575 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

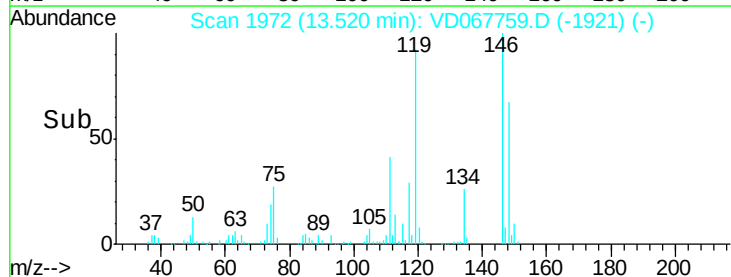
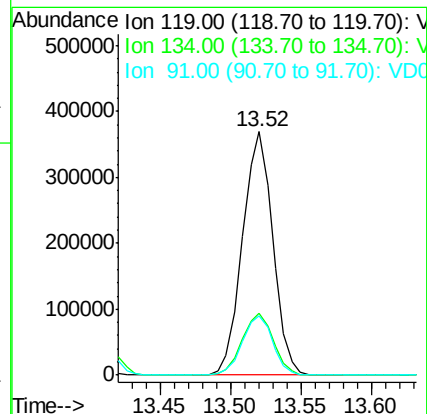
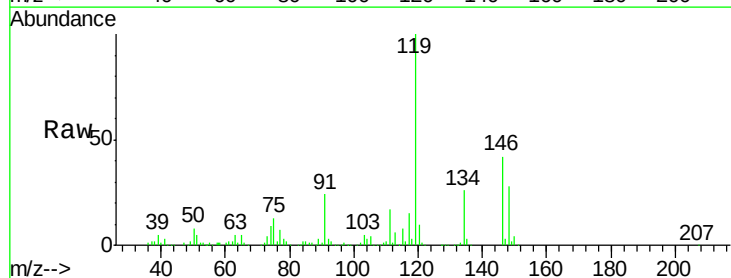
Tgt Ion:119 Resp: 554841

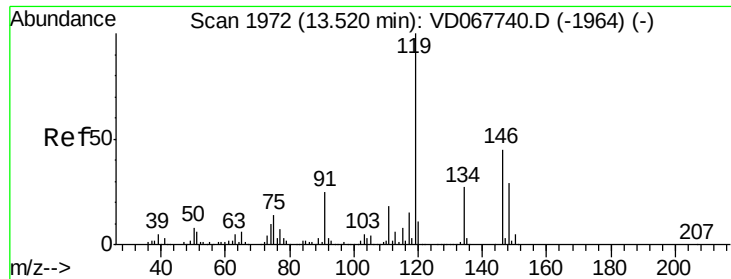
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 24.5 12.7 38.1





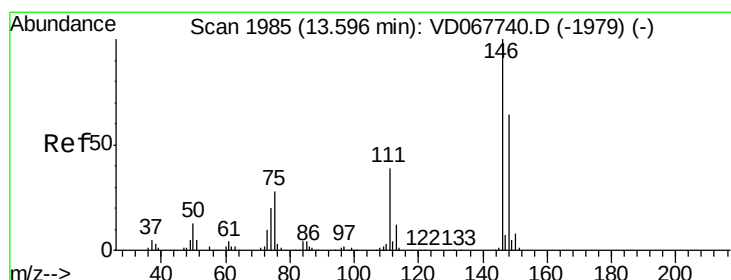
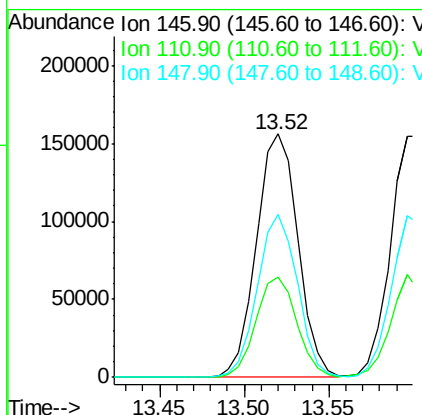
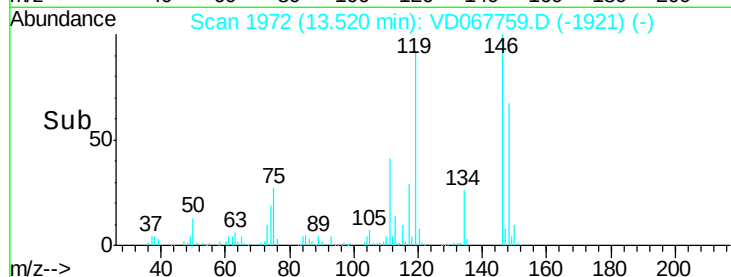
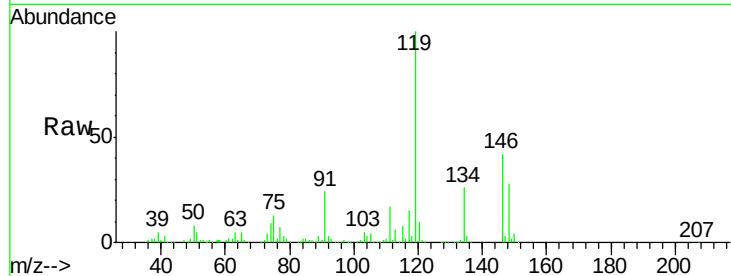
#87
1,3-Dichlorobenzene
Concen: 45.810 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	266556		
111	40.6	20.2	60.6	
148	64.7	32.5	97.4	

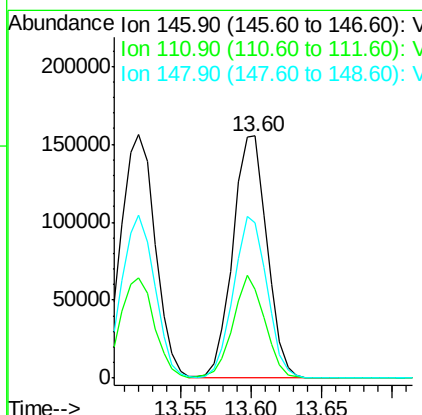
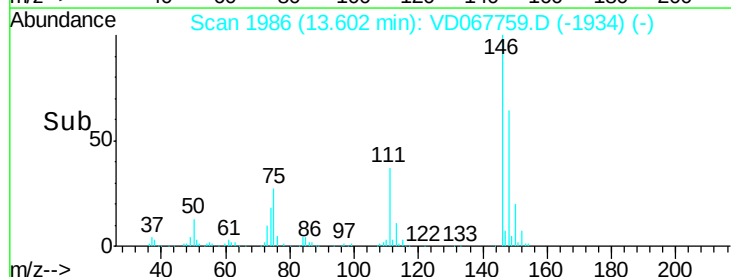
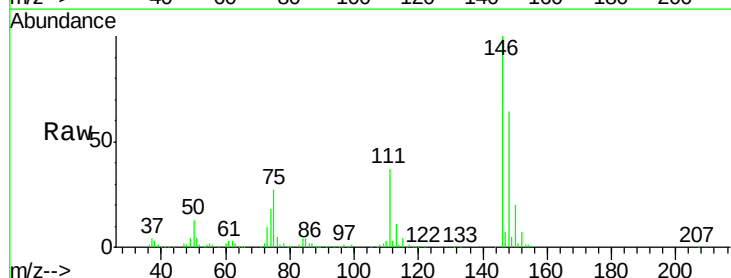
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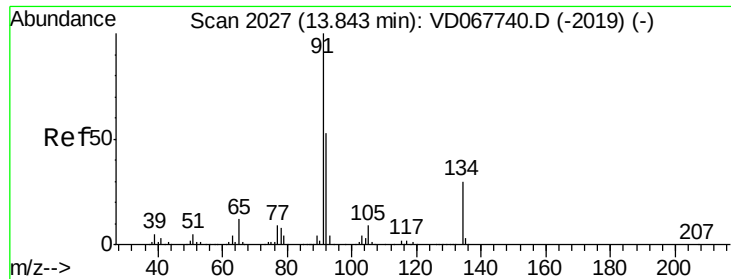
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#88
1,4-Dichlorobenzene
Concen: 45.729 ug/l
RT: 13.60 min Scan# 1986
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	263581		
111	39.3	19.4	58.4	
148	65.1	31.6	94.8	





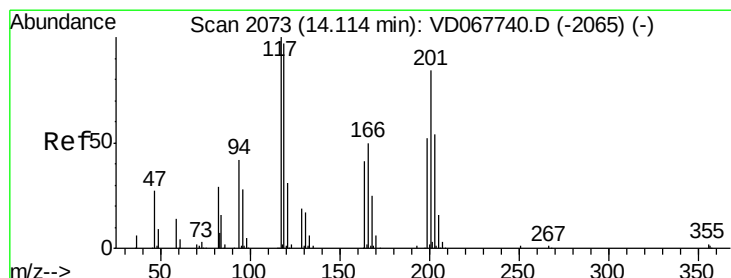
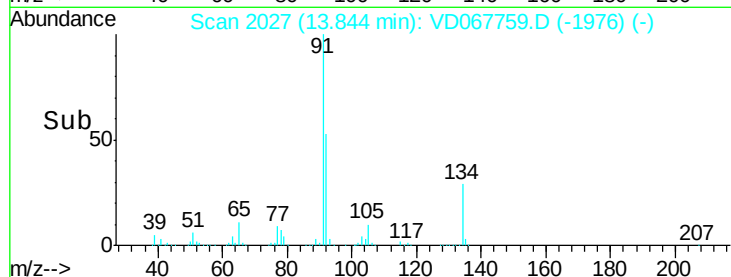
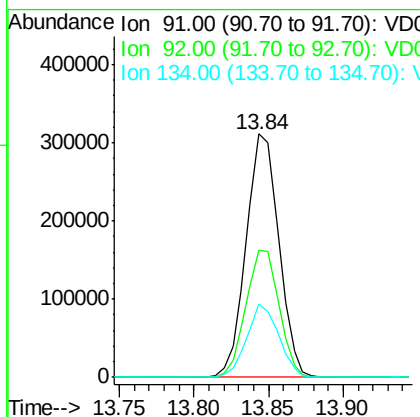
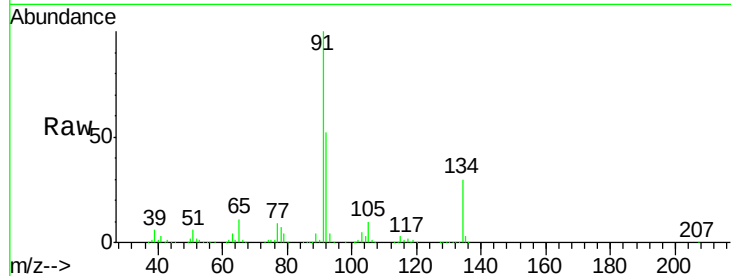
#89
n-Butylbenzene
Concen: 48.162 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.7
134	29.5	14.8	44.3

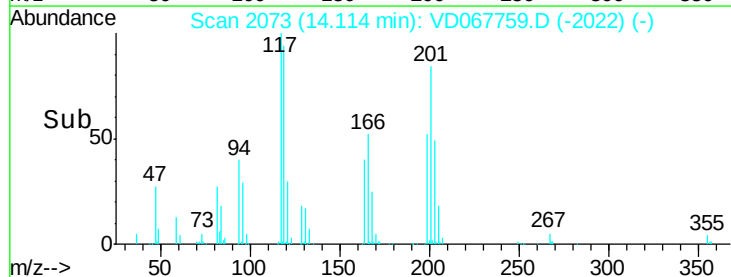
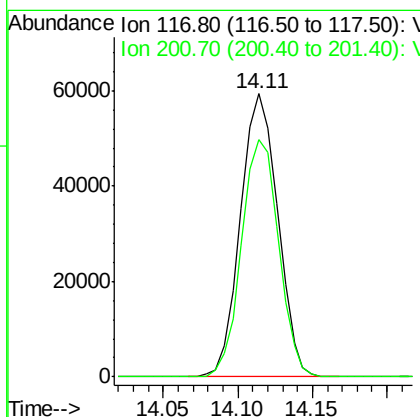
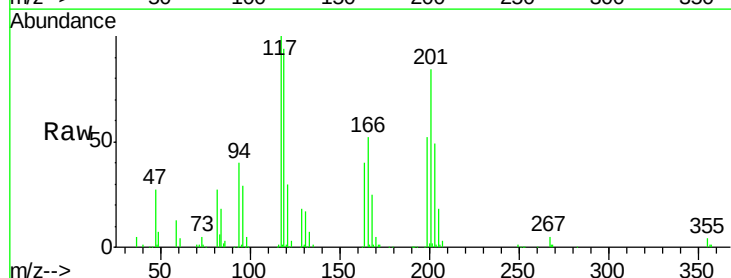
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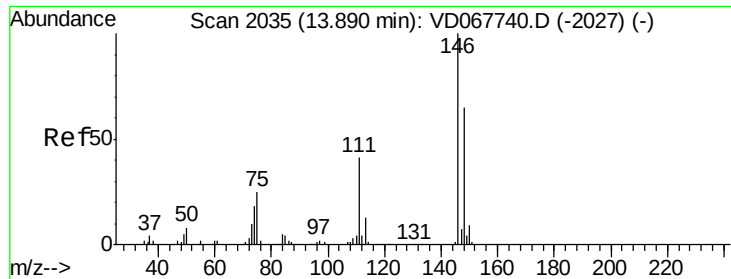
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#90
Hexachloroethane
Concen: 47.318 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.3	42.2	126.6





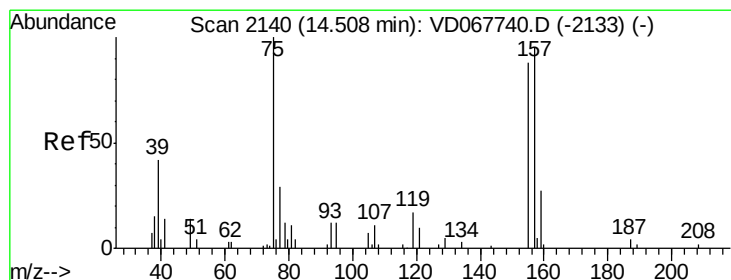
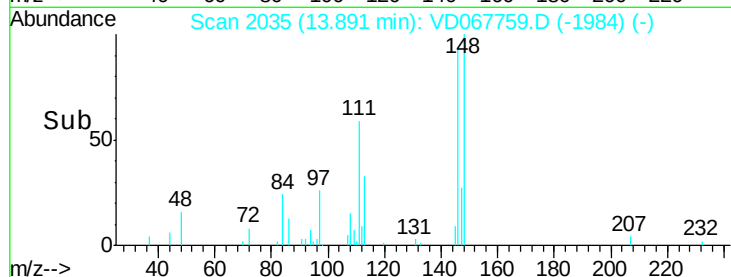
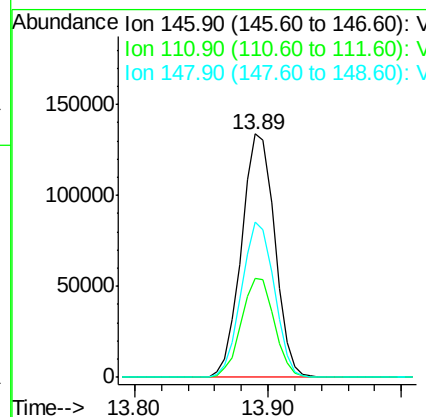
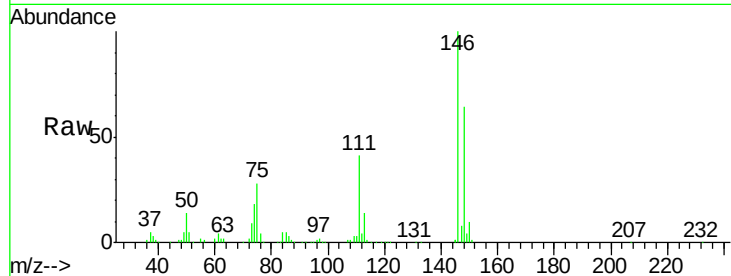
#91
1,2-Dichlorobenzene
Concen: 46.013 ug/l
RT: 13.89 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.8	62.5
148	62.9	32.4	97.2

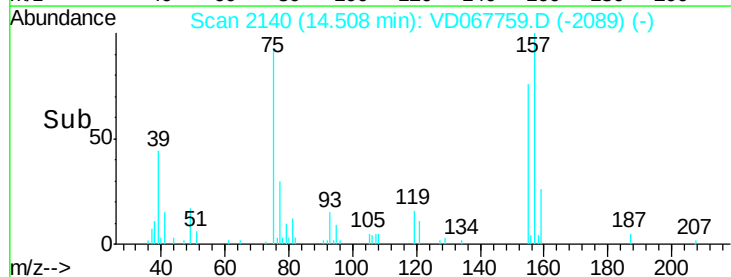
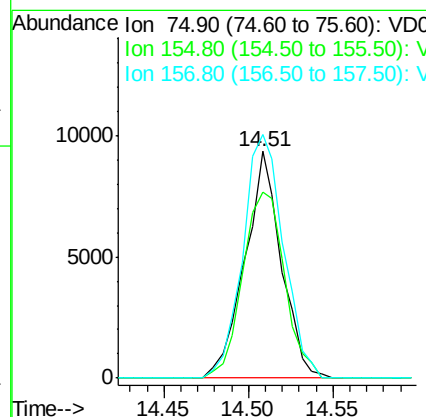
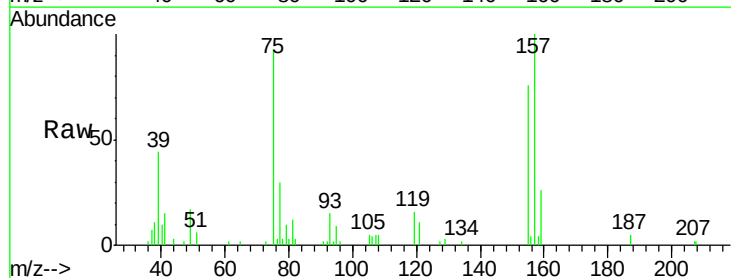
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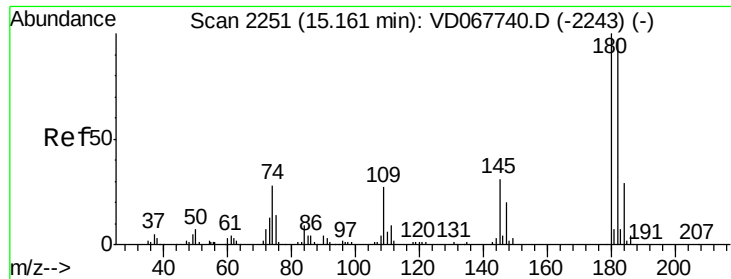
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#92
1,2-Dibromo-3-Chloropropane
Concen: 40.522 ug/l
RT: 14.51 min Scan# 2140
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	41.0	123.0
157	119.8	51.1	153.4





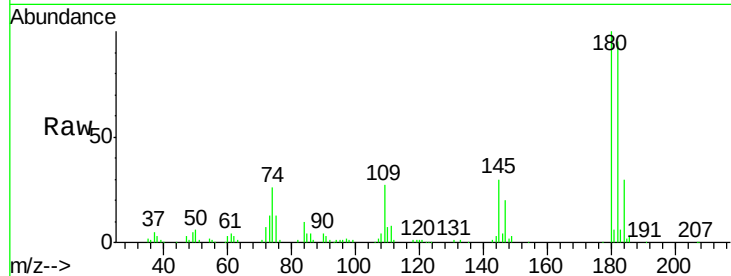
#93
1,2,4-Trichlorobenzene
Concen: 46.235 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

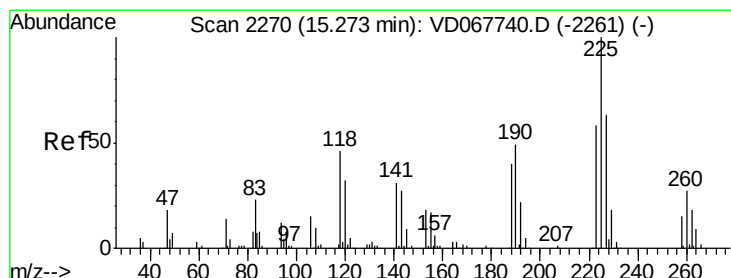
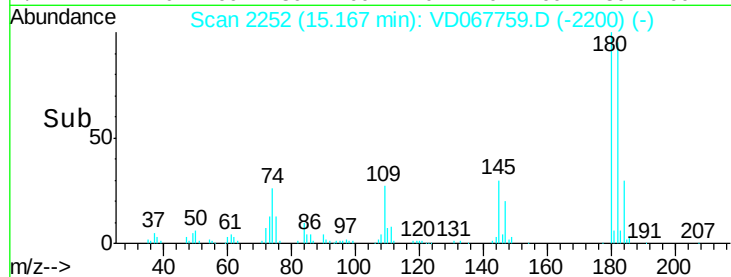
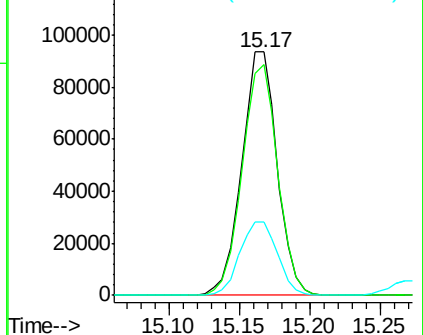
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.2
145	32.1	16.1	48.3

Manual Integrations
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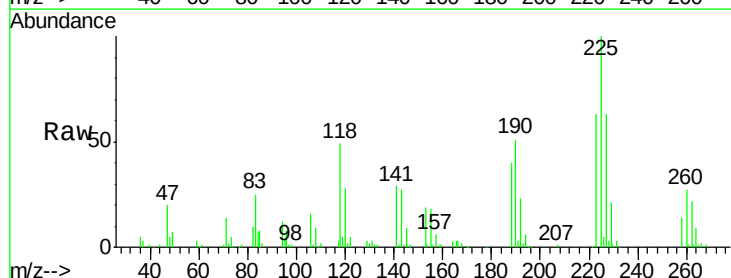


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

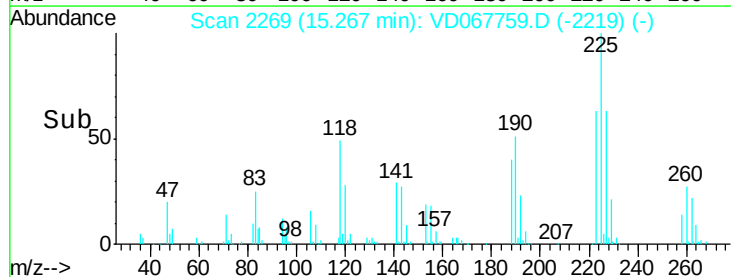
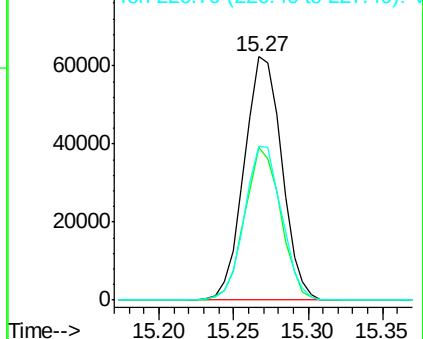


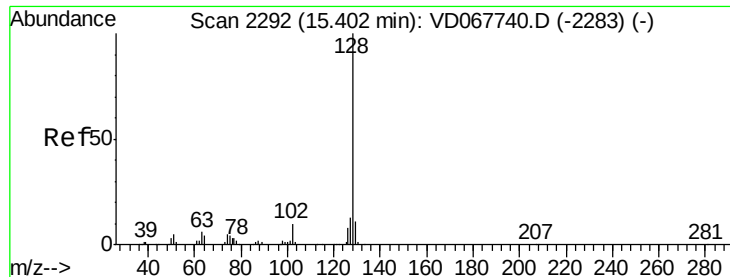
#94
Hexachlorobutadiene
Concen: 47.955 ug/l
RT: 15.27 min Scan# 2269
Delta R.T. -0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	31.5	94.5
227	62.5	32.9	98.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





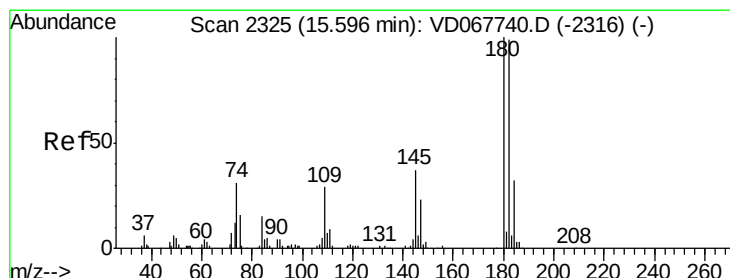
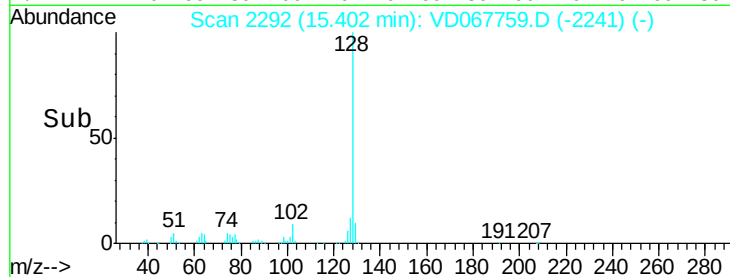
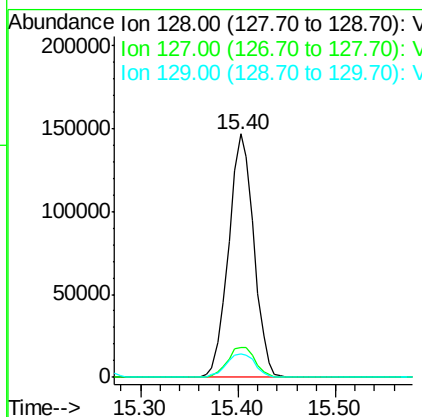
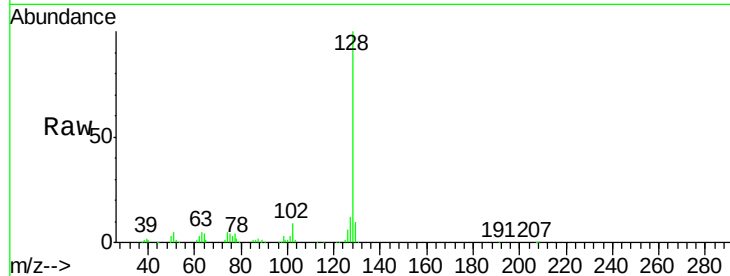
#95
Naphthalene
Concen: 45.768 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	262887
Ion Ratio		Lower	Upper
128	100		
127	13.6	10.7	16.1
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
11/25/2020 2:01:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.146 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion:	180	Resp:	139506
Ion Ratio		Lower	Upper
180	100		
182	96.1	48.0	144.0
145	34.7	16.8	50.4

