

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067025.D
 Acq On : 02 Oct 2020 07:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 02 07:44:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	410620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	687482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	645987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	221369	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
35) Dibromofluoromethane	7.91	113	231353	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.34	98	843100	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.63	95	290592	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	157328	47.329	ug/l	97
3) Chloromethane	2.20	50	155681	47.607	ug/l	99
4) Vinyl Chloride	2.35	62	147773	45.068	ug/l	97
5) Bromomethane	2.76	94	111807	53.176	ug/l	91
6) Chloroethane	2.92	64	92530	46.338	ug/l	99
7) Trichlorofluoromethane	3.27	101	313298	43.006	ug/l	96
8) Diethyl Ether	3.71	74	100347	55.547	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	178465	43.342	ug/l	99
10) Methyl Iodide	4.30	142	179211	44.793	ug/l	98
11) Tert butyl alcohol	5.22	59	56433	241.887	ug/l	100
12) 1,1-Dichloroethene	4.06	96	181350	46.851	ug/l	94
13) Acrolein	3.92	56	58106	219.408	ug/l	100
14) Allyl chloride	4.71	41	250463	49.808	ug/l	99
15) Acrylonitrile	5.43	53	183605	276.149	ug/l	98
16) Acetone	4.16	43	145193	240.488	ug/l	95
17) Carbon Disulfide	4.40	76	575191	48.420	ug/l	100
18) Methyl Acetate	4.72	43	87726	57.813	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	395449	55.963	ug/l	100
20) Methylene Chloride	4.96	84	259483	62.364	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	224648	50.997	ug/l	99
22) Diisopropyl ether	6.36	45	493416	53.747	ug/l	99
23) Vinyl Acetate	6.31	43	1448652	278.473	ug/l	99
24) 1,1-Dichloroethane	6.26	63	365617	51.605	ug/l	98
25) 2-Butanone	7.21	43	225068	262.939	ug/l	99
26) 2,2-Dichloropropane	7.21	77	266447	43.440	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	245731	52.231	ug/l	98
28) Bromochloromethane	7.54	49	159968	58.466	ug/l	99
29) Tetrahydrofuran	7.56	42	140439	285.343	ug/l	96
30) Chloroform	7.71	83	401113	52.190	ug/l	97
31) Cyclohexane	7.98	56	243757	41.039	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	342581	48.097	ug/l	100
36) 1,1-Dichloropropene	8.11	75	280193	43.725	ug/l	99
37) Ethyl Acetate	7.29	43	111664	50.300	ug/l	99
38) Carbon Tetrachloride	8.09	117	308741	44.529	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	282398	41.683	ug/l	98
40) Benzene	8.35	78	857626	48.184	ug/l	100
41) Methacrylonitrile	7.56	41	142164	118.538	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	247029	49.669	ug/l	97
43) Isopropyl Acetate	8.45	43	206917	50.596	ug/l	99
44) Trichloroethene	9.11	130	245896	46.265	ug/l	100
45) 1,2-Dichloropropane	9.38	63	207205	49.546	ug/l	98
46) Dibromomethane	9.47	93	123926	51.558	ug/l	98
47) Bromodichloromethane	9.66	83	317875	50.875	ug/l	98
48) Methyl methacrylate	9.46	41	100557	47.995	ug/l #	82
49) 1,4-Dioxane	9.46	88	26444	1054.122	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	535847	263.054	ug/l	100
52) Toluene	10.40	92	564174	49.206	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	272315	48.766	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	326894	47.940	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	166883	49.938	ug/l	97
56) Ethyl methacrylate	10.66	69	189425	54.903	ug/l	99
57) 1,3-Dichloropropane	10.94	76	277297	51.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	539656	281.024	ug/l	100
59) 2-Hexanone	10.98	43	359771	264.616	ug/l	99
60) Dibromochloromethane	11.14	129	224705	50.450	ug/l	95
61) 1,2-Dibromoethane	11.24	107	166709	51.926	ug/l	98
64) Tetrachloroethene	10.87	164	214981	45.776	ug/l	96
65) Chlorobenzene	11.67	112	608735	47.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	238118	48.723	ug/l	99
67) Ethyl Benzene	11.74	91	1043310	47.394	ug/l	100
68) m/p-Xylenes	11.85	106	810161	94.435	ug/l	99
69) o-Xylene	12.18	106	381526	49.731	ug/l	98
70) Styrene	12.20	104	658210	49.964	ug/l	99
71) Bromoform	12.36	173	126366	49.812	ug/l #	97
73) Isopropylbenzene	12.48	105	998678	47.208	ug/l	100
74) N-amyl acetate	12.29	43	191410	50.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	173899	48.789	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	218290	80.439	ug/l #	100
77) Bromobenzene	12.76	156	253375	49.602	ug/l	96
78) n-propylbenzene	12.82	91	1162601	46.501	ug/l	100
79) 2-Chlorotoluene	12.91	91	678411	47.427	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	855319	47.854	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	46600	42.812	ug/l	99
82) 4-Chlorotoluene	13.01	91	700690	46.040	ug/l	99
83) tert-Butylbenzene	13.23	119	705982	46.906	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	851631	47.745	ug/l	99
85) sec-Butylbenzene	13.40	105	958753	45.233	ug/l	99
86) p-Isopropyltoluene	13.52	119	897250	45.660	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	465384	46.774	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	460777	46.316	ug/l	99
89) n-Butylbenzene	13.85	91	773932	43.094	ug/l	100
90) Hexachloroethane	14.11	117	156286	45.403	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	412940	47.522	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28240	49.151	ug/l	97

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QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

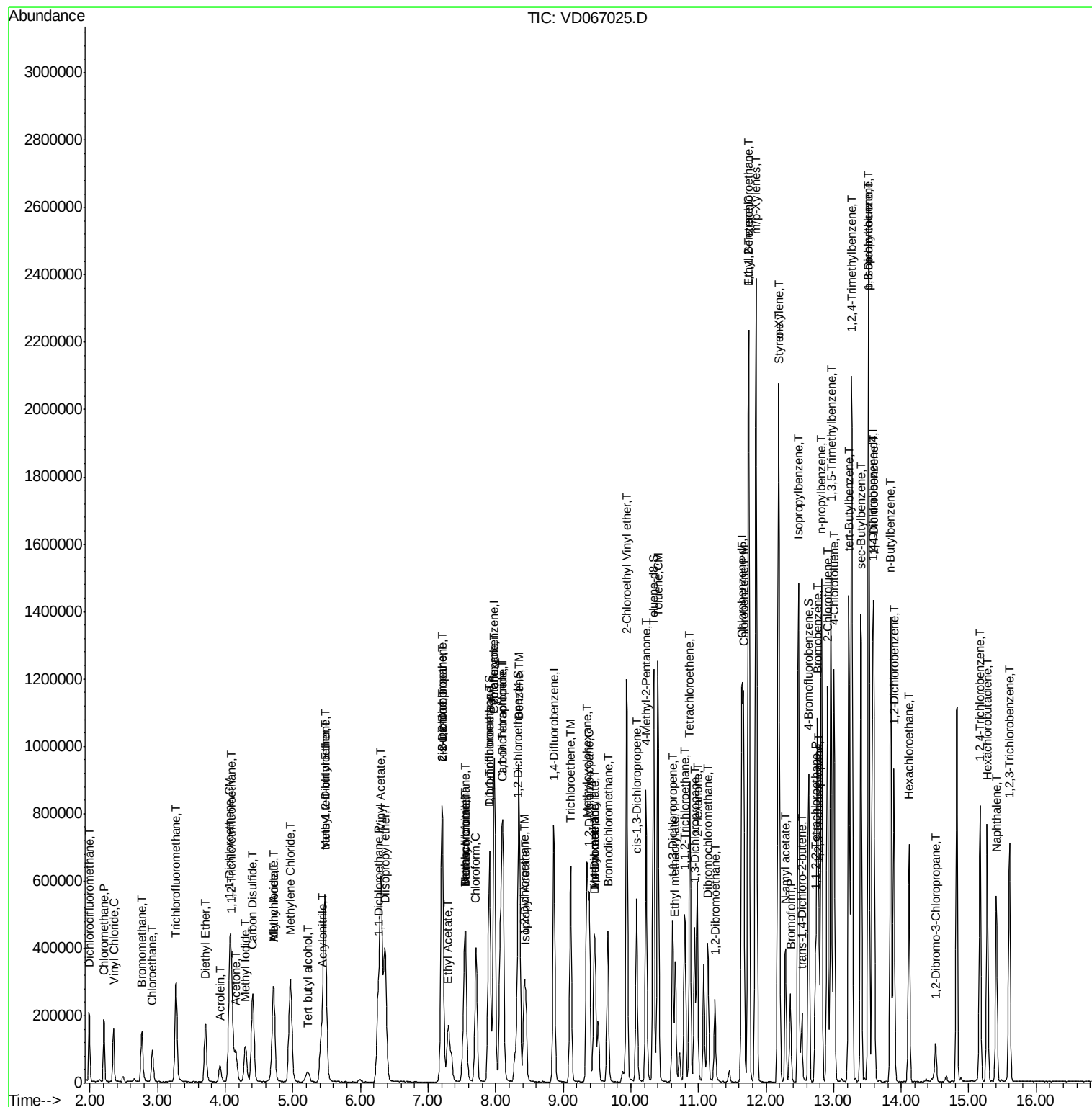
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	269835	48.008	ug/l	97
94) Hexachlorobutadiene	15.28	225	144215	41.779	ug/l	98
95) Naphthalene	15.41	128	503136	53.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	246486	50.518	ug/l	99

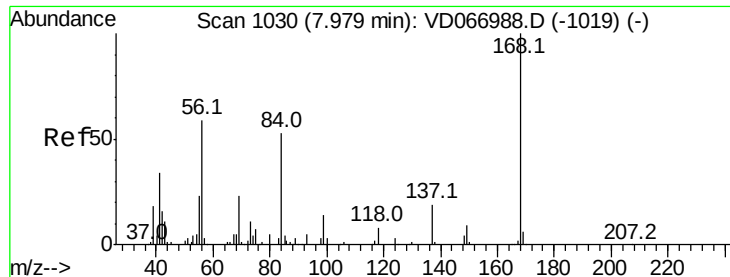
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

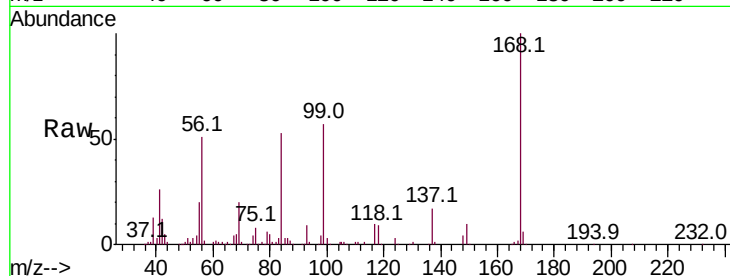
VSTDCCC050EC

Tot Ion:168 Resp: 410620

Ion Ratio Lower Upper

168 100

99 56.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

100000

50000

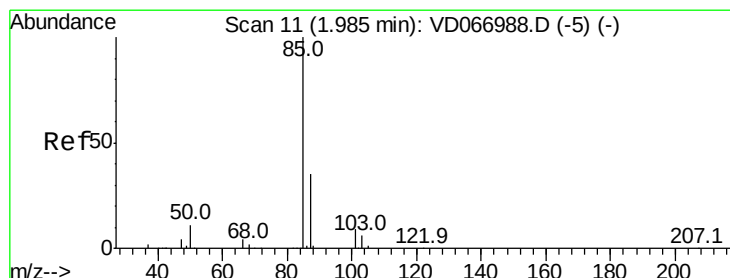
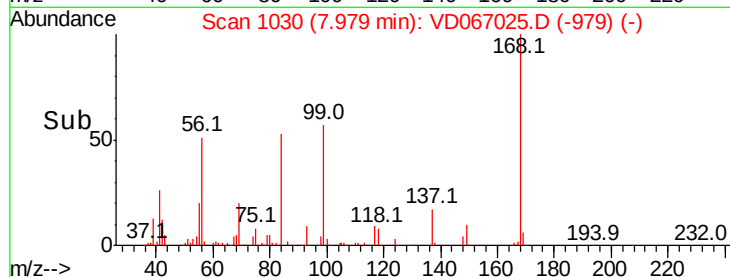
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.329 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067025.D

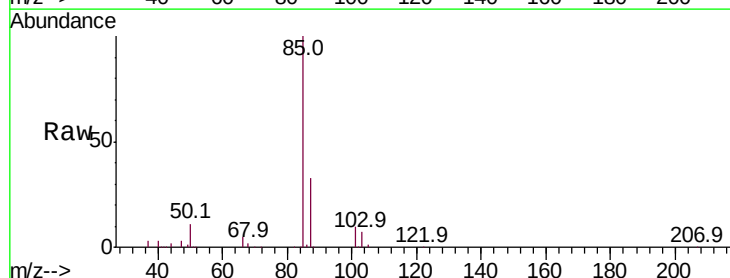
Acq: 02 Oct 2020 07:28

Tgt Ion: 85 Resp: 157328

Ion Ratio Lower Upper

85 100

87 33.2 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

50000

0

1.90

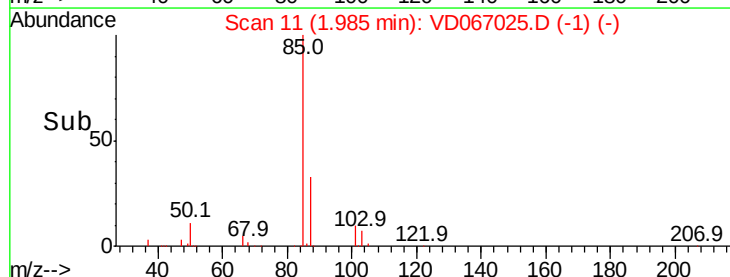
1.95

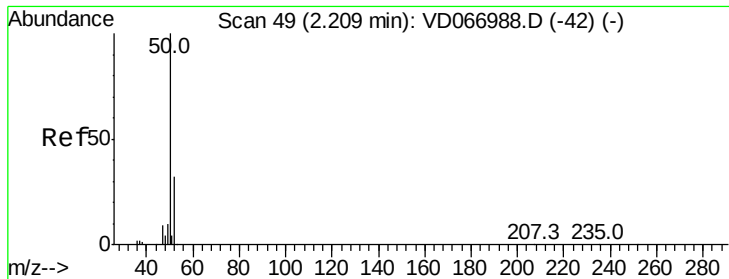
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 47.607 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

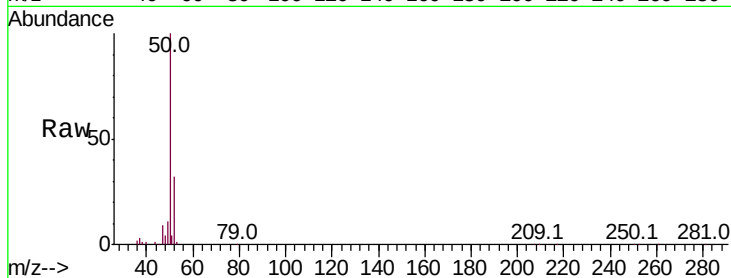
VSTDCCC050EC

Tot Ion: 50 Resp: 155681

Ion Ratio Lower Upper

50 100

52 32.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.20

120000

100000

80000

60000

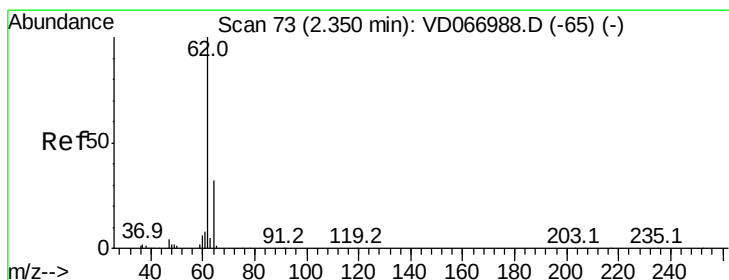
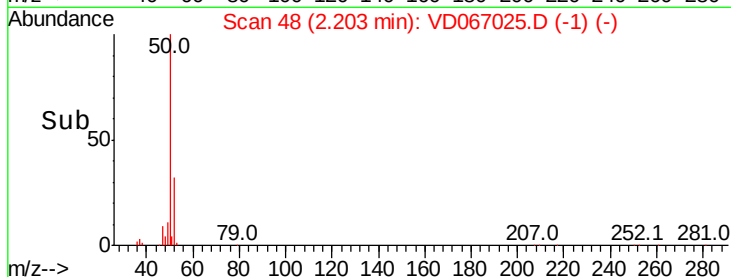
40000

20000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 45.068 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067025.D

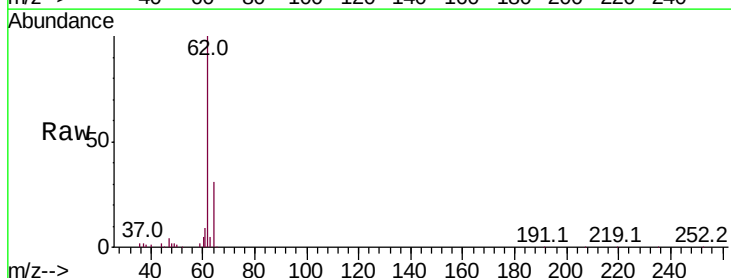
Acq: 02 Oct 2020 07:28

Tgt Ion: 62 Resp: 147773

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

60000

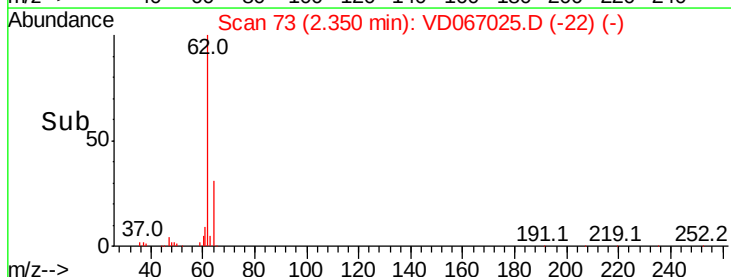
40000

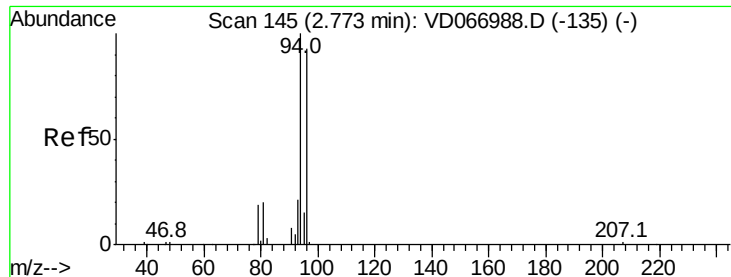
20000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 53.176 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

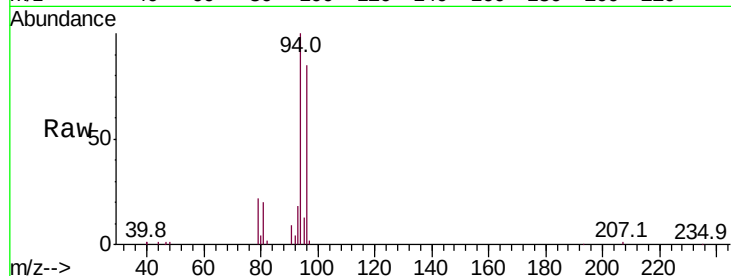
VSTDCCC050EC

Tot Ion: 94 Resp: 111807

Ion Ratio Lower Upper

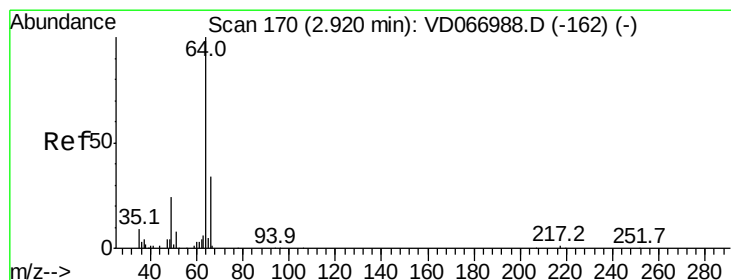
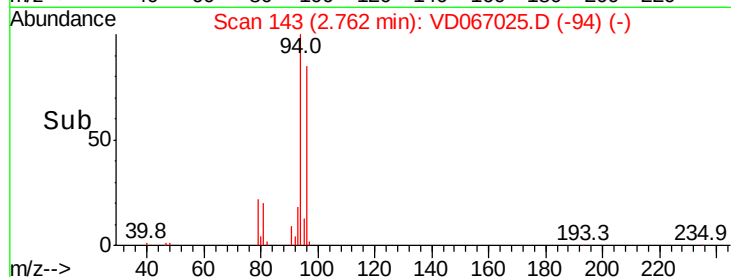
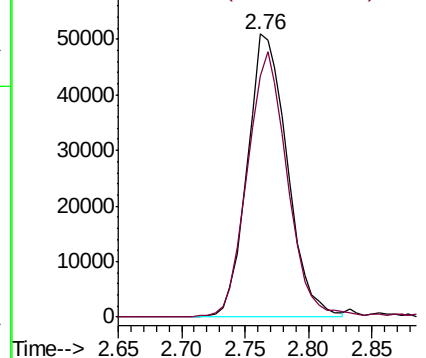
94 100

96 85.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.338 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067025.D

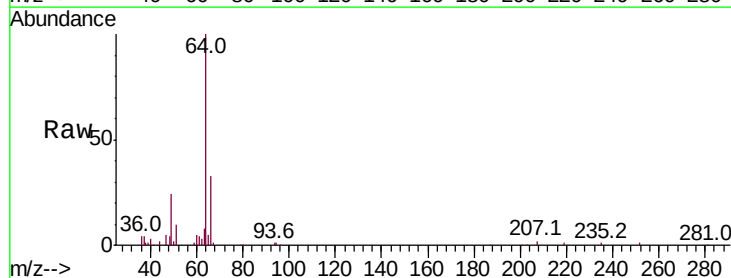
Acq: 02 Oct 2020 07:28

Tgt Ion: 64 Resp: 92530

Ion Ratio Lower Upper

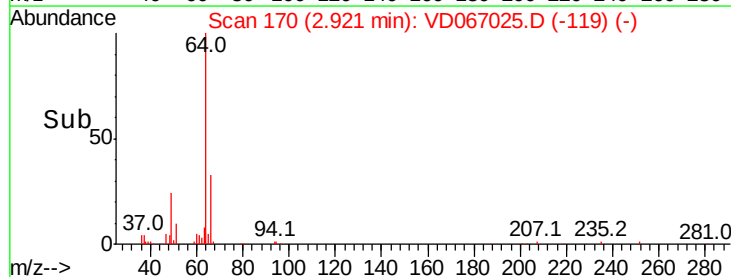
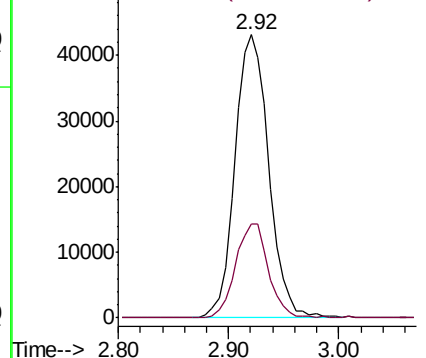
64 100

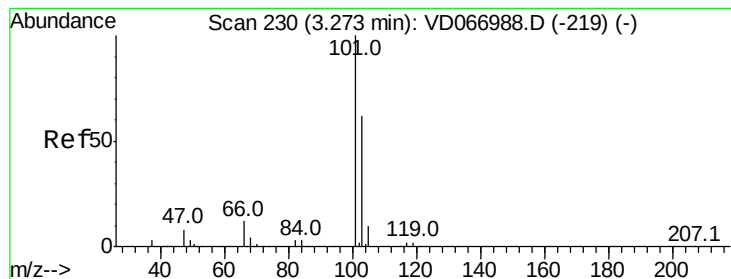
66 33.2 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



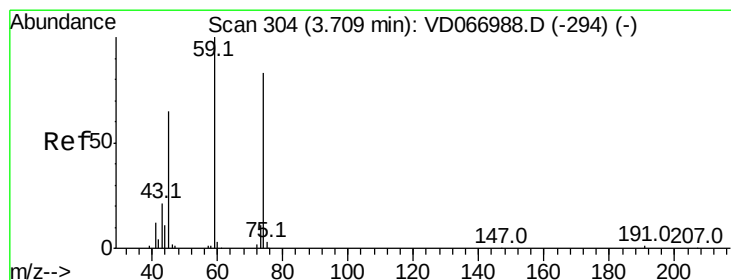
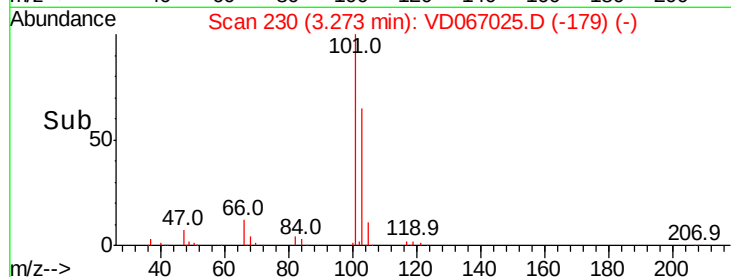
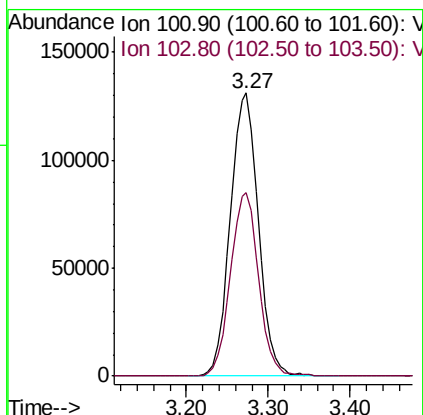
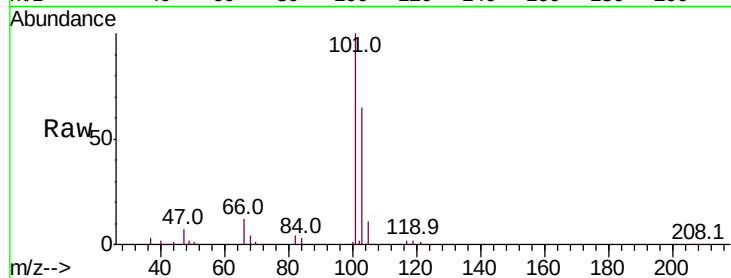


#7

Trichlorofluoromethane
Concen: 43.006 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067025.D
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MSVOA_D
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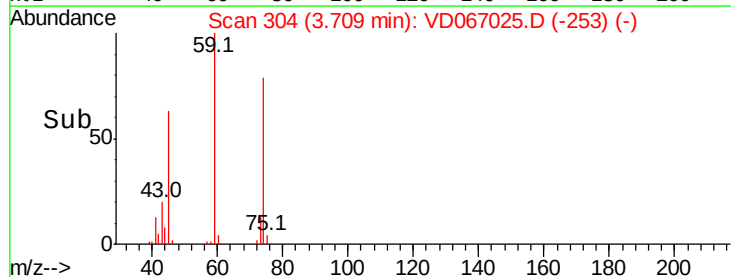
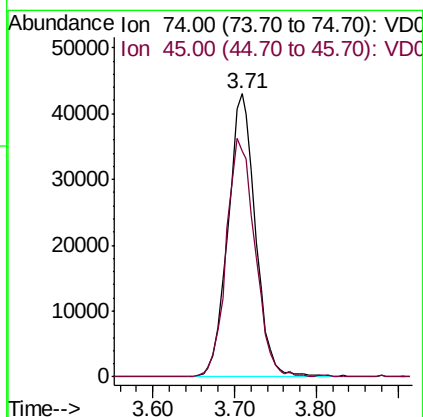
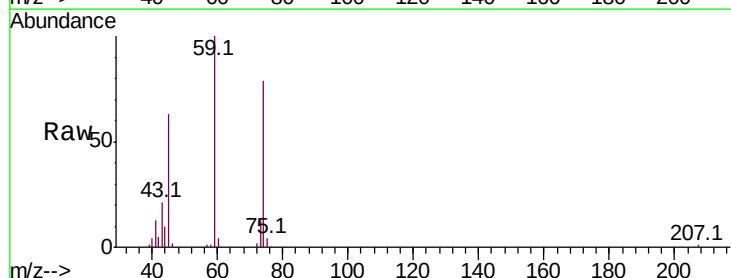
Tot Ion:101 Resp: 313298
Ion Ratio Lower Upper
101 100
103 65.0 49.8 74.8

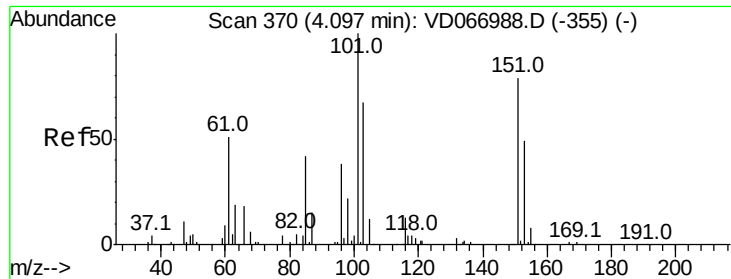


#8

Diethyl Ether
Concen: 55.547 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 74 Resp: 100347
Ion Ratio Lower Upper
74 100
45 88.1 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.342 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

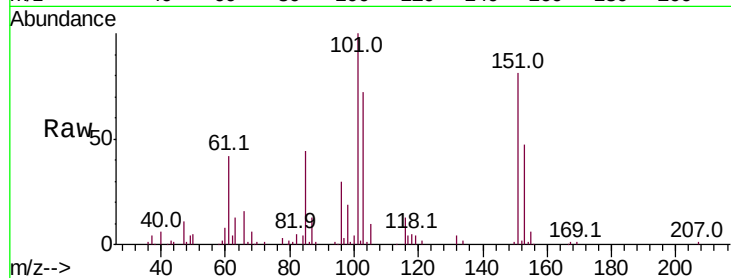
Tot Ion:101 Resp: 178465

Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.8

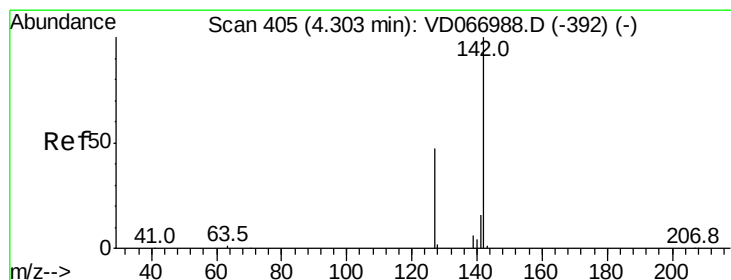
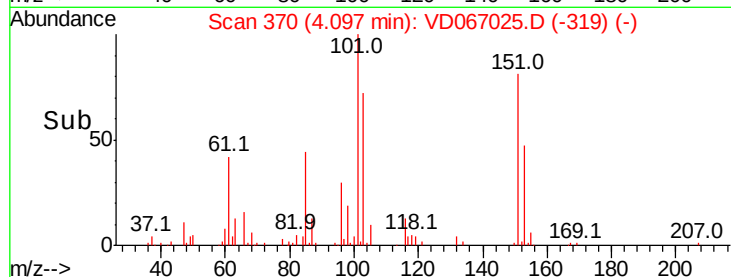
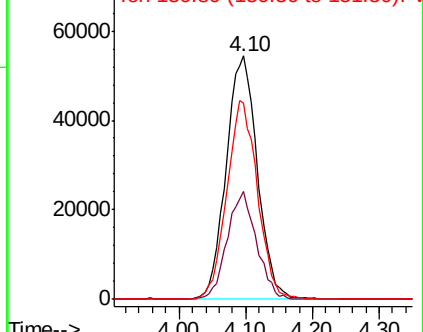
151 79.9 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.793 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

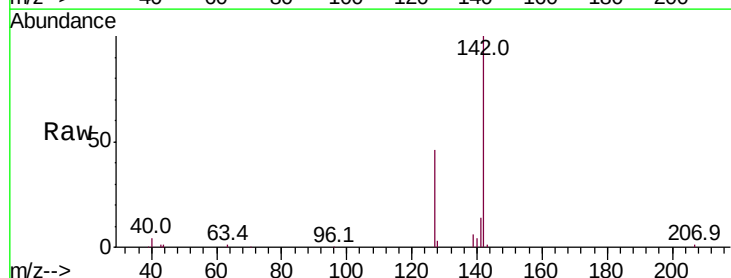
Tgt Ion:142 Resp: 179211

Ion Ratio Lower Upper

142 100

127 46.5 36.3 54.5

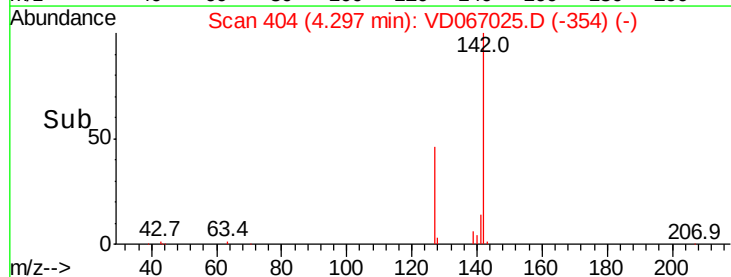
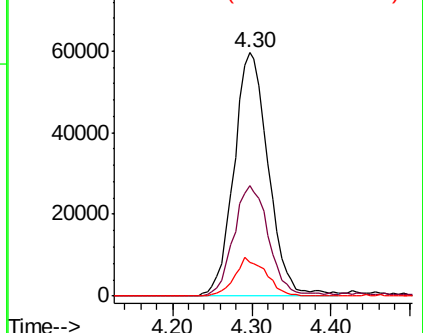
141 14.4 12.0 18.0

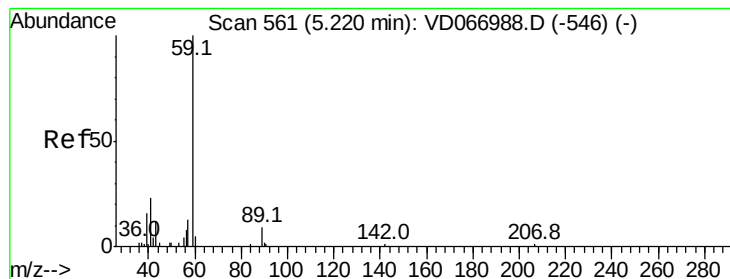


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



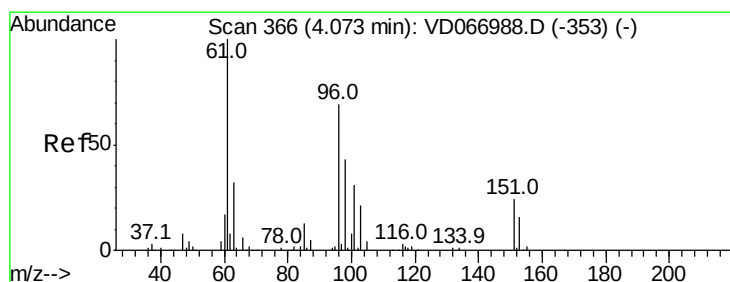
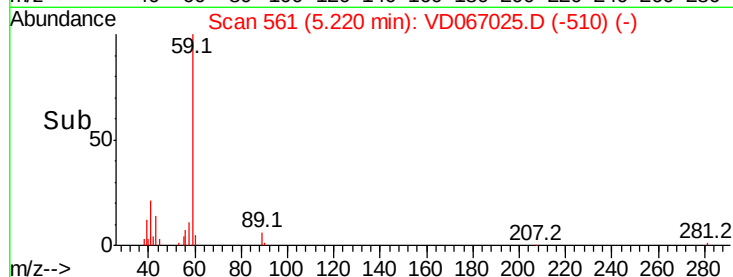
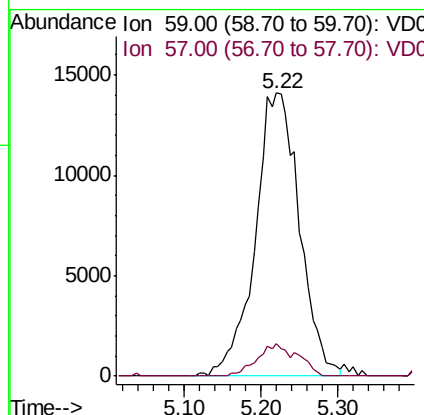
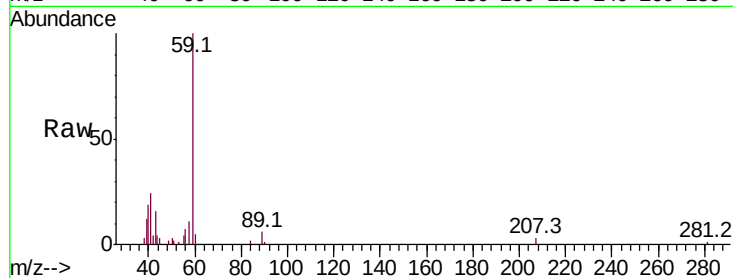


#11

Tert butyl alcohol
 Concen: 241.887 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

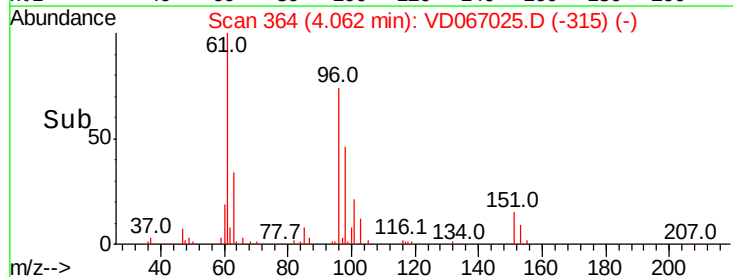
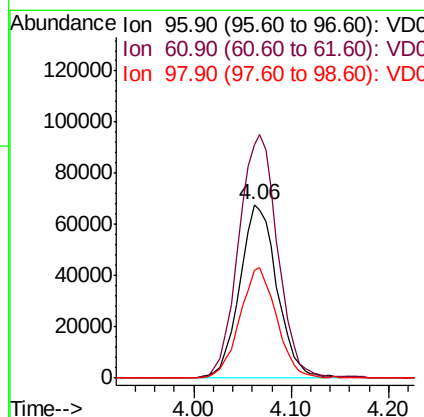
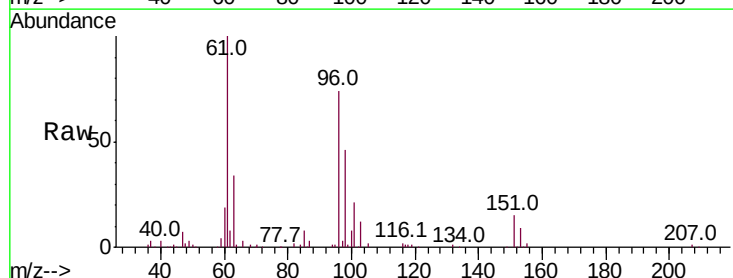
Tot Ion: 59 Resp: 56433
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

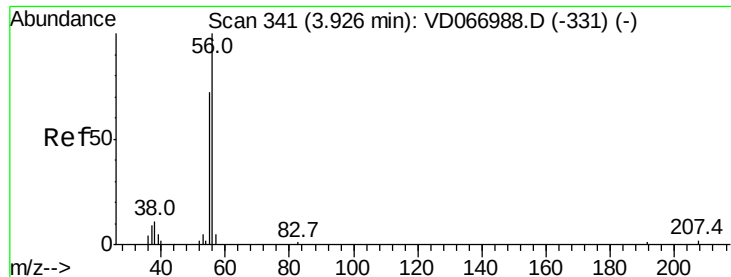


#12

1,1-Dichloroethene
 Concen: 46.851 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion: 96 Resp: 181350
 Ion Ratio Lower Upper
 96 100
 61 134.9 116.4 174.6
 98 62.4 49.9 74.9

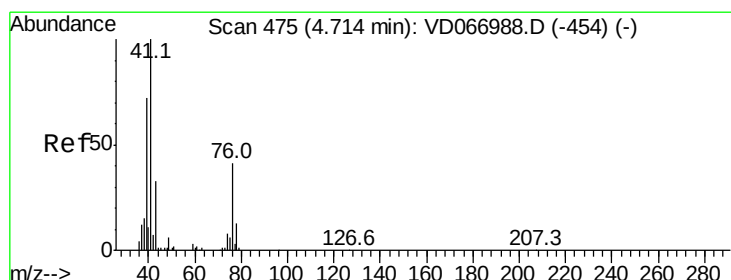
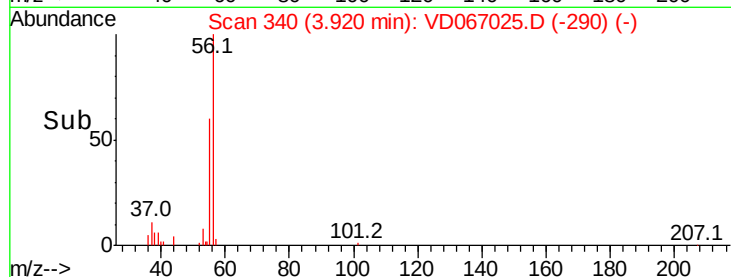
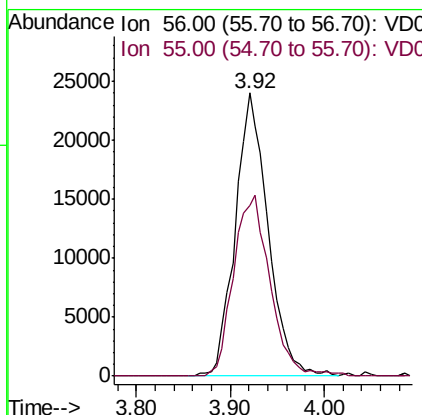
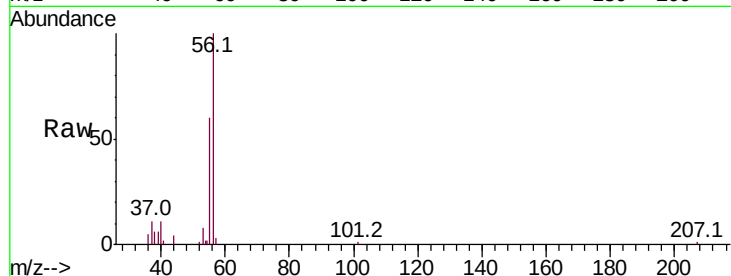




#13
Acrolein
Concen: 219.408 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

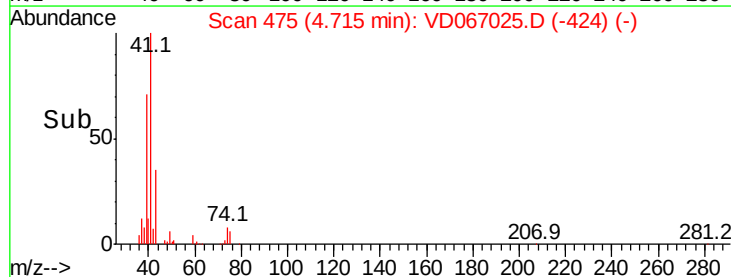
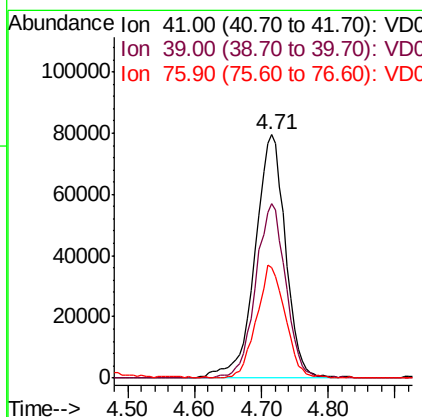
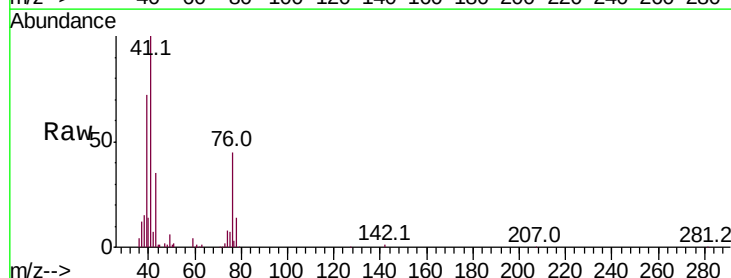
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

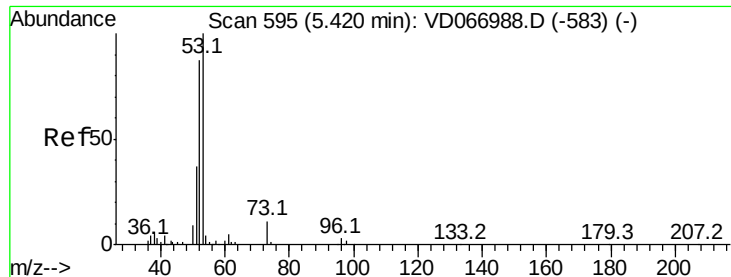
Tot Ion: 56 Resp: 58106
Ion Ratio Lower Upper
56 100
55 71.0 56.9 85.3



#14
Allyl chloride
Concen: 49.808 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 41 Resp: 250463
Ion Ratio Lower Upper
41 100
39 70.8 56.2 84.2
76 44.0 34.2 51.2





#15

Acrylonitrile

Concen: 276.149 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

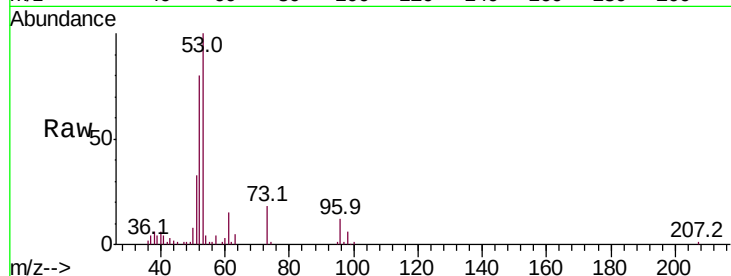
Tot Ion: 53 Resp: 183605

Ion Ratio Lower Upper

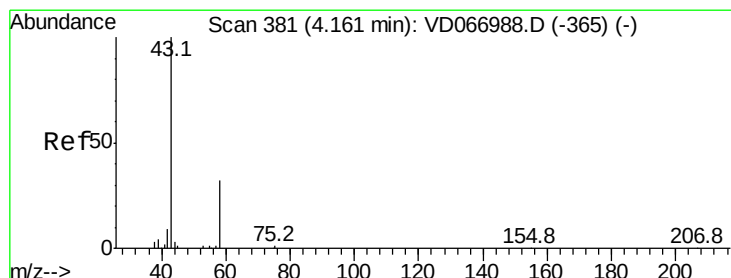
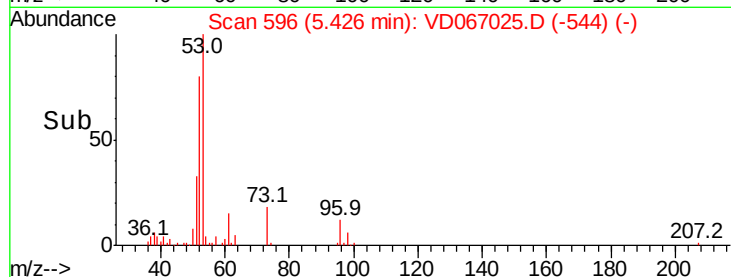
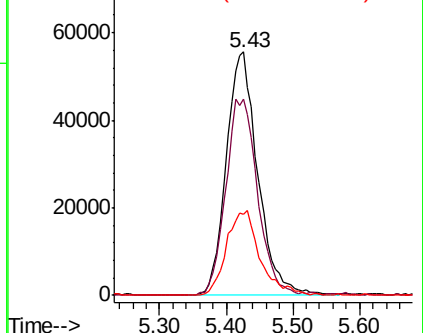
53 100

52 82.0 67.3 100.9

51 37.0 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 240.488 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067025.D

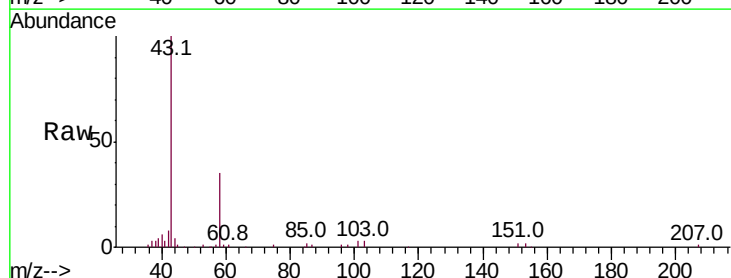
Acq: 02 Oct 2020 07:28

Tgt Ion: 43 Resp: 145193

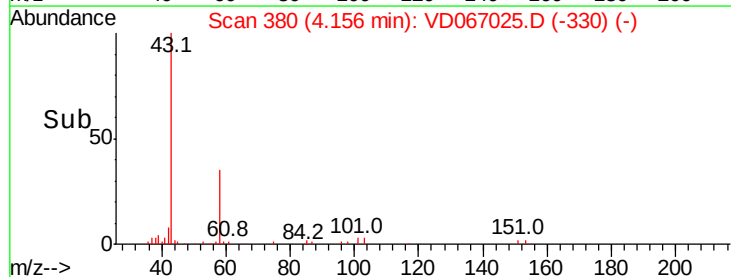
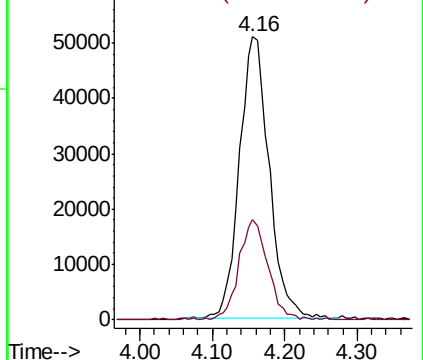
Ion Ratio Lower Upper

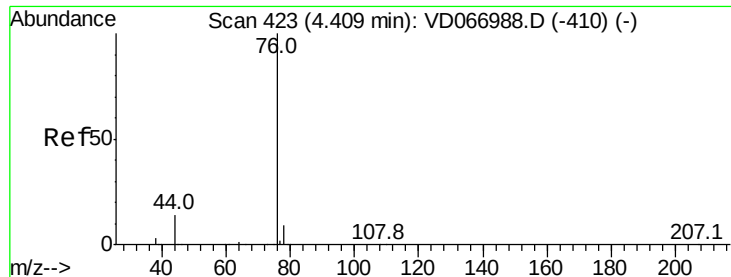
43 100

58 35.4 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

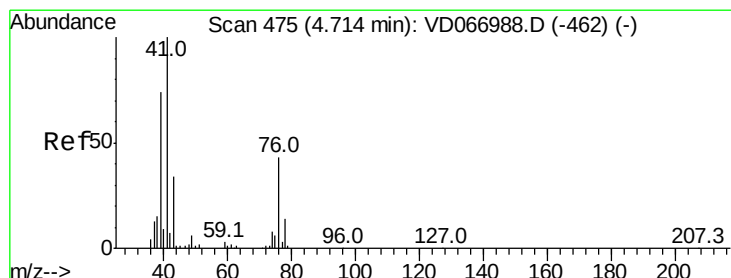
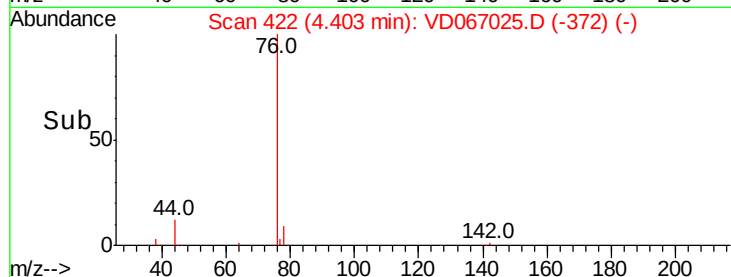
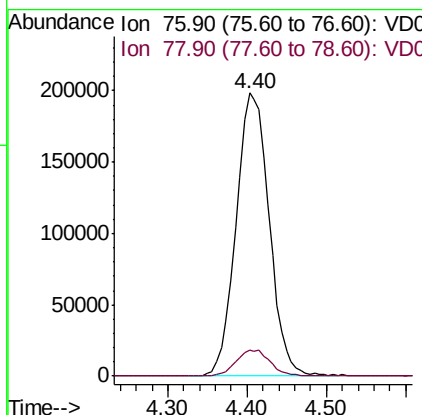
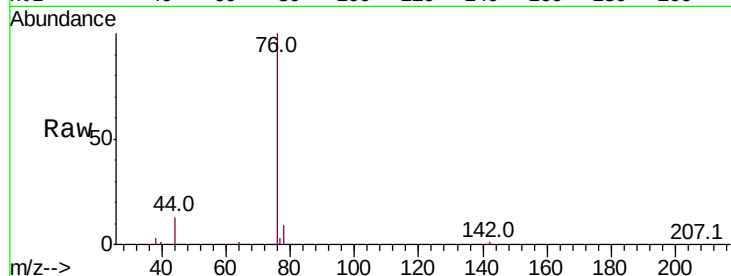




#17
Carbon Disulfide
Concen: 48.420 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

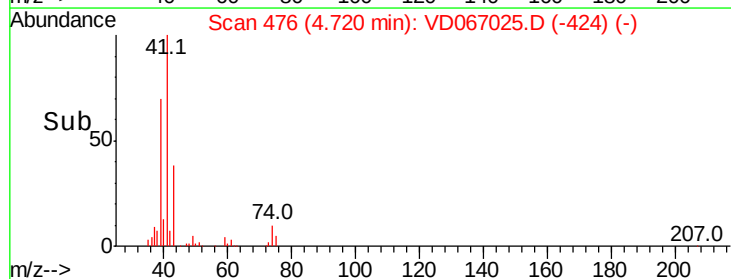
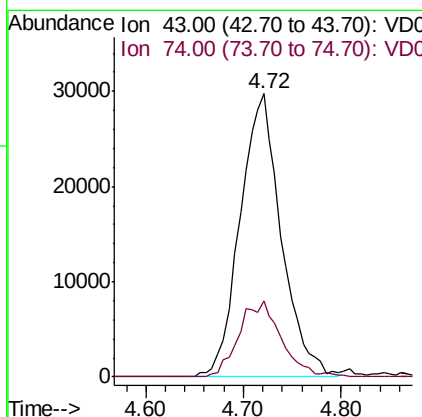
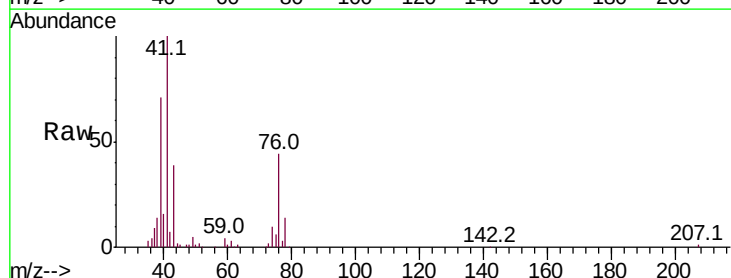
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

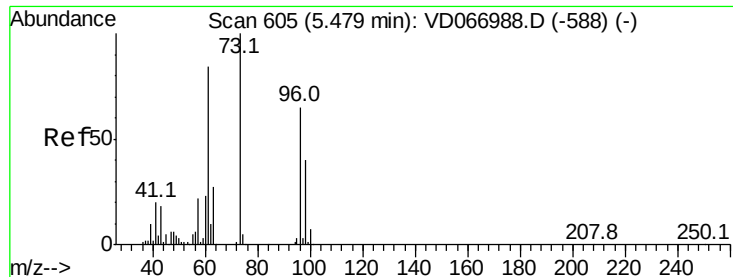
Tot Ion: 76 Resp: 575191
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 57.813 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 43 Resp: 87726
Ion Ratio Lower Upper
43 100
74 27.1 21.5 32.3



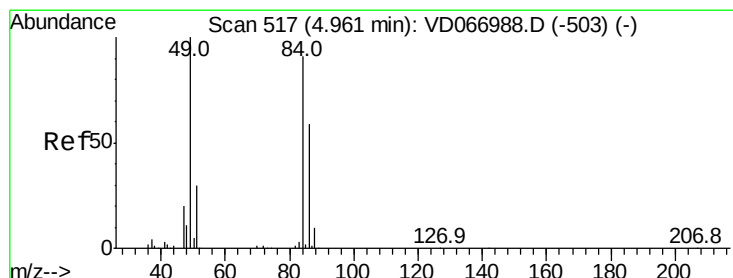
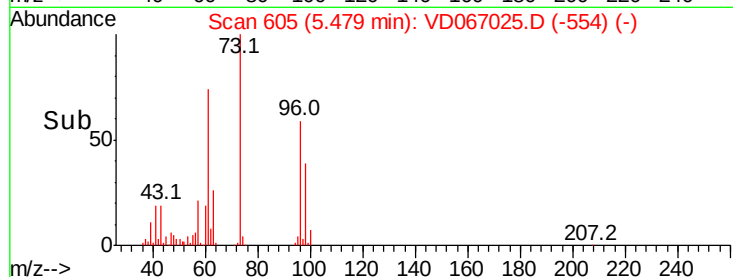
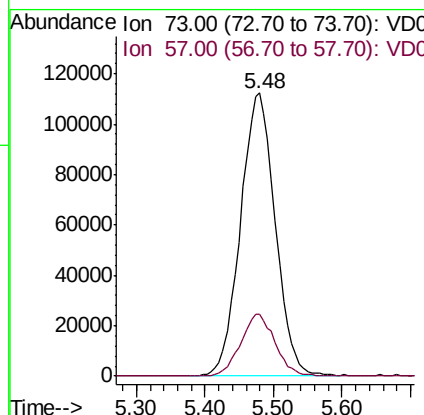
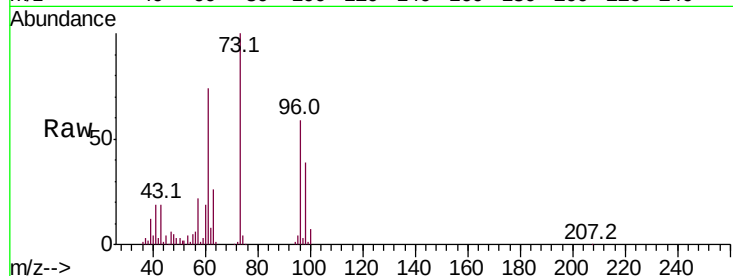


#19

Methyl tert-butyl Ether
 Concen: 55.963 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

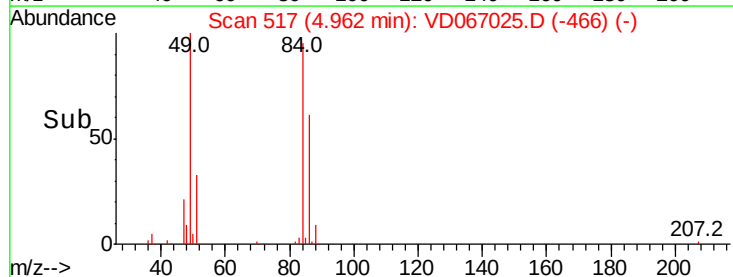
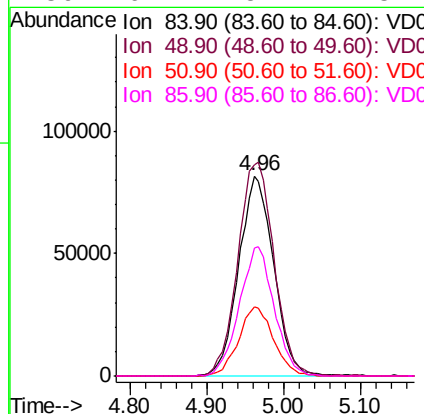
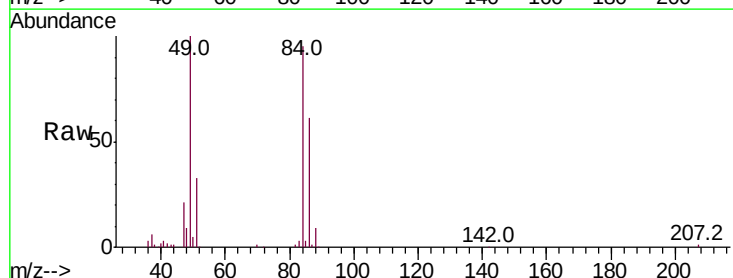
Tot Ion: 73 Resp: 395449
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.4 26.0

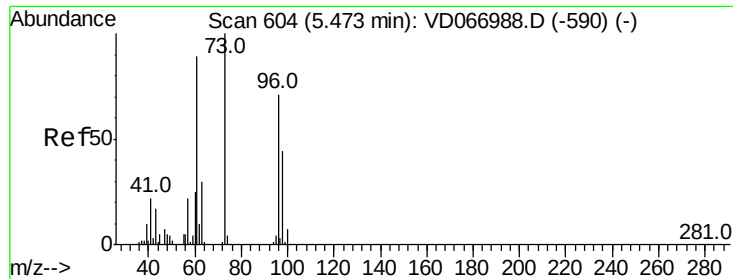


#20

Methylene Chloride
 Concen: 62.364 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion: 84 Resp: 259483
 Ion Ratio Lower Upper
 84 100
 49 105.6 88.2 132.2
 51 34.5 26.6 39.8
 86 64.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.997 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

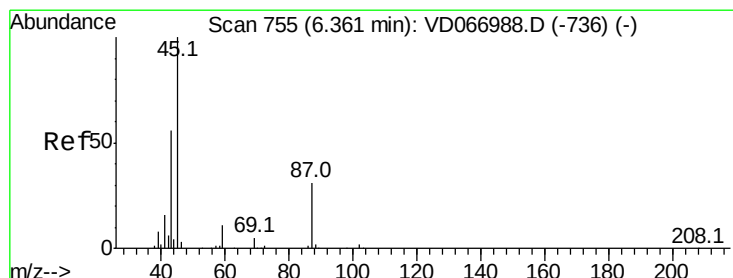
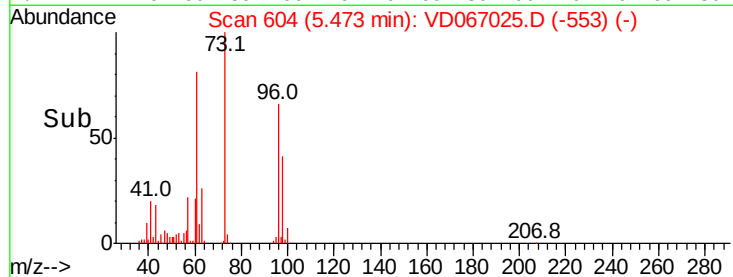
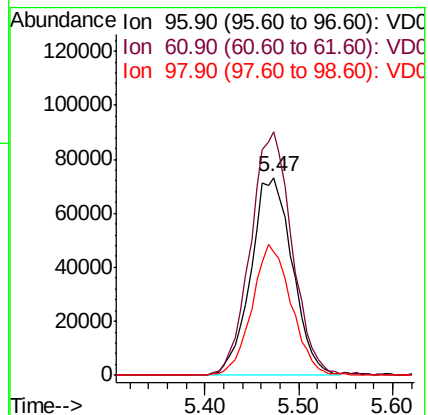
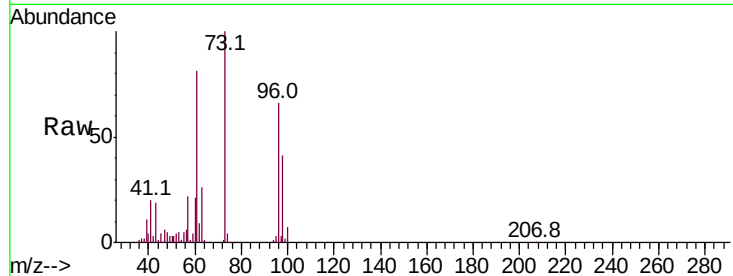
Tot Ion: 96 Resp: 224648

Ion Ratio Lower Upper

96 100

61 122.9 99.6 149.4

98 62.3 49.4 74.2



#22

Diisopropyl ether

Concen: 53.747 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Tgt Ion: 45 Resp: 493416

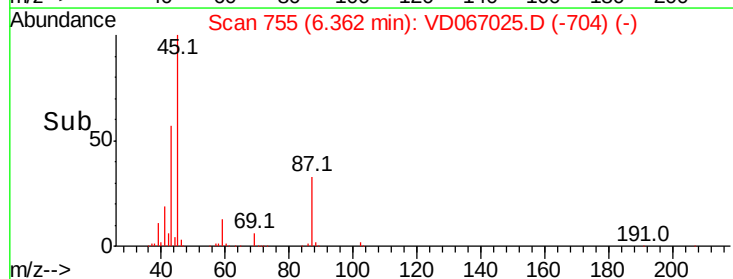
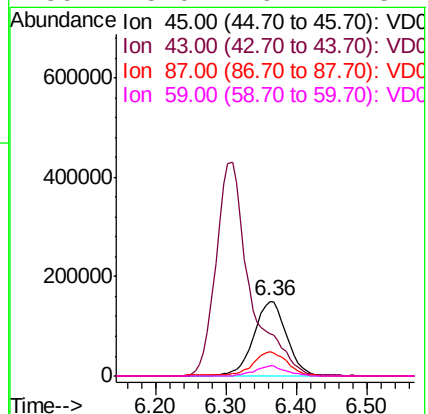
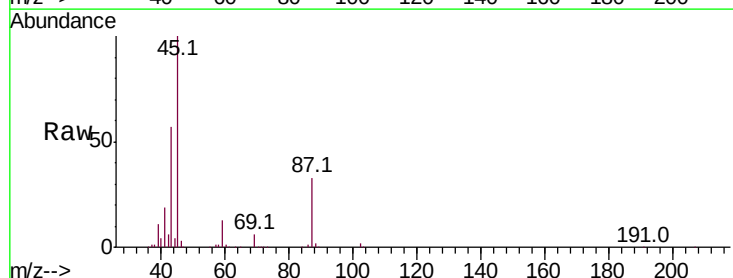
Ion Ratio Lower Upper

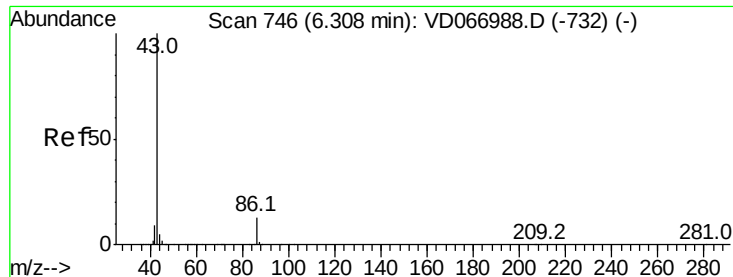
45 100

43 56.2 45.2 67.8

87 32.3 25.6 38.4

59 13.0 9.1 13.7





#23

Vinyl Acetate

Concen: 278.473 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

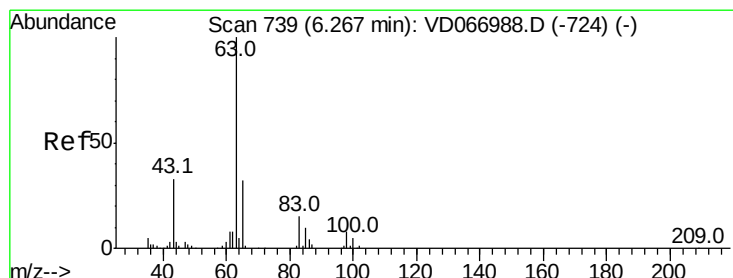
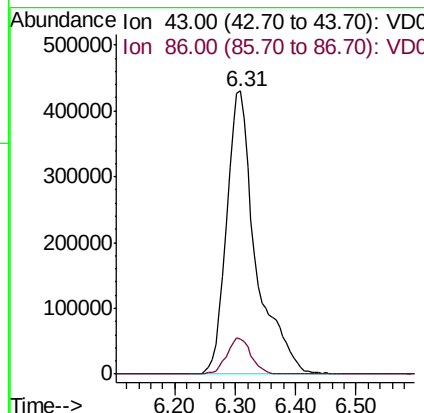
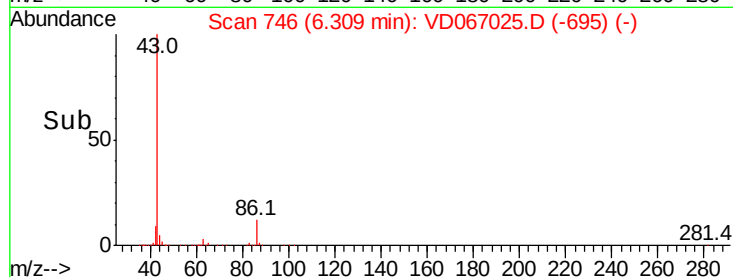
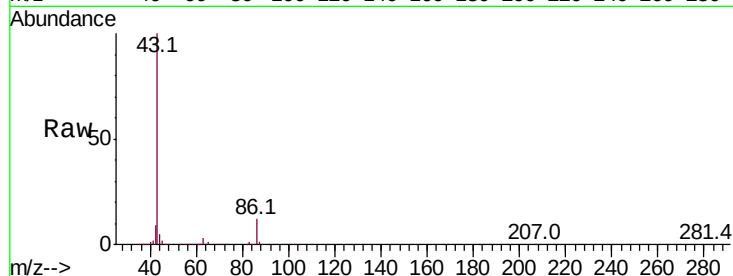
VSTDCCC050EC

Tot Ion: 43 Resp: 1448652

Ion Ratio Lower Upper

43 100

86 12.3 10.2 15.2



#24

1,1-Dichloroethane

Concen: 51.605 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

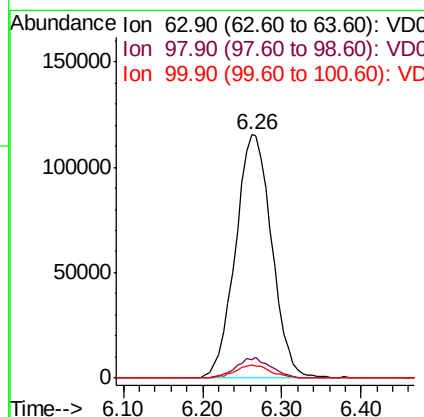
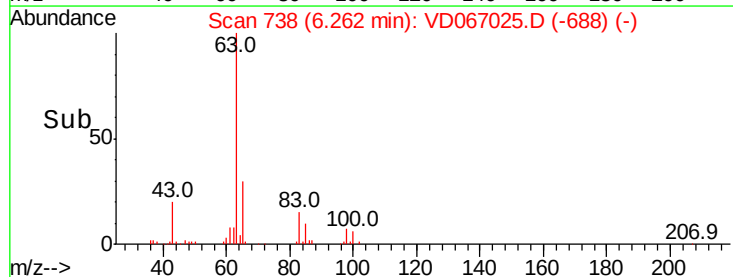
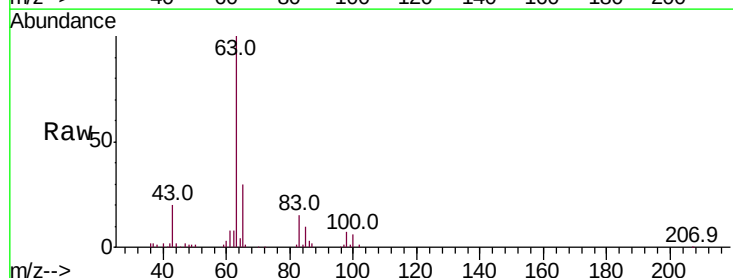
Tgt Ion: 63 Resp: 365617

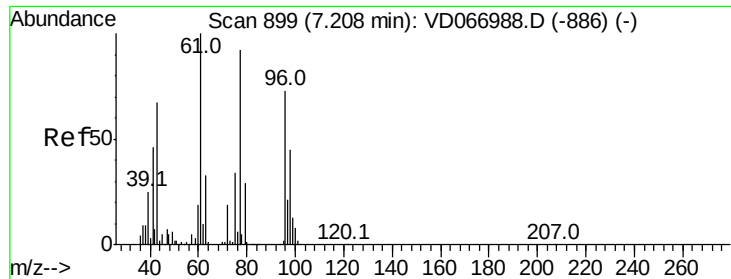
Ion Ratio Lower Upper

63 100

98 7.4 4.2 12.6

100 5.6 2.6 7.8

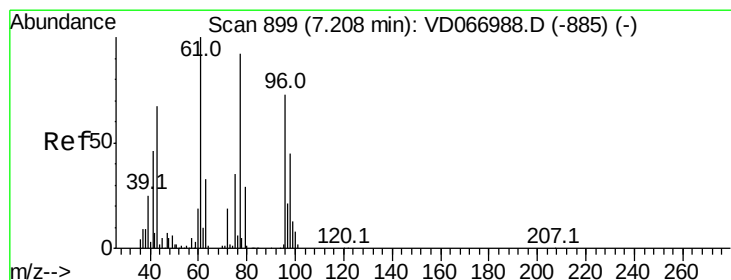
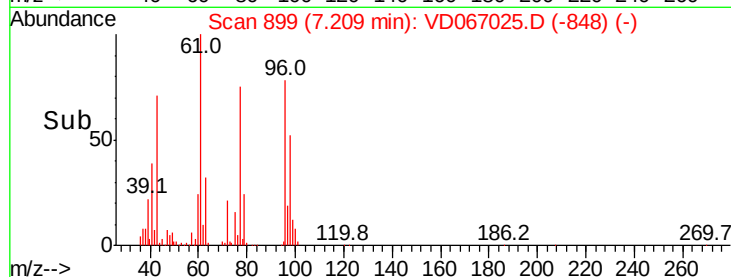
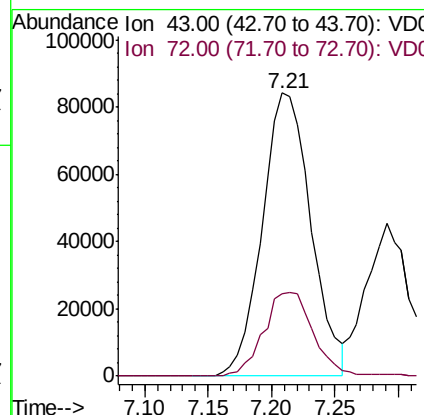
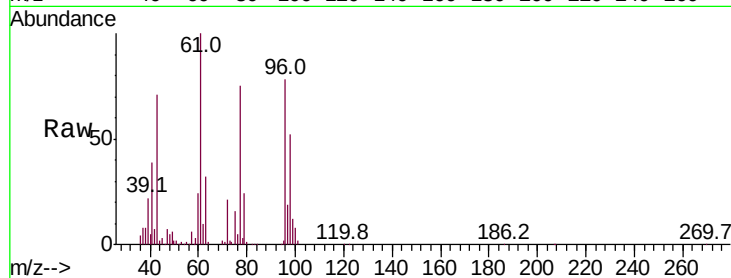




#25
 2-Butanone
 Concen: 262.939 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

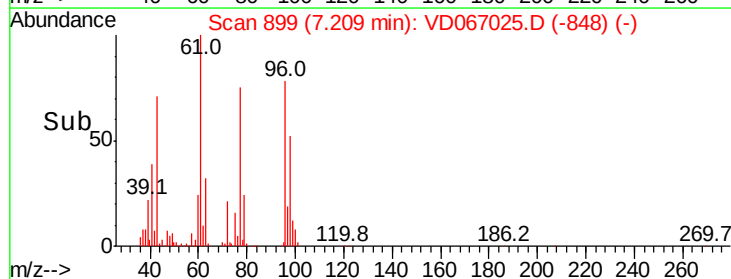
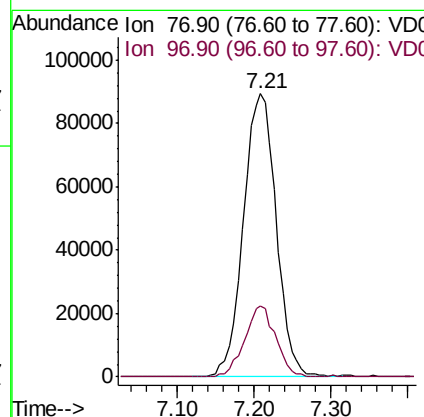
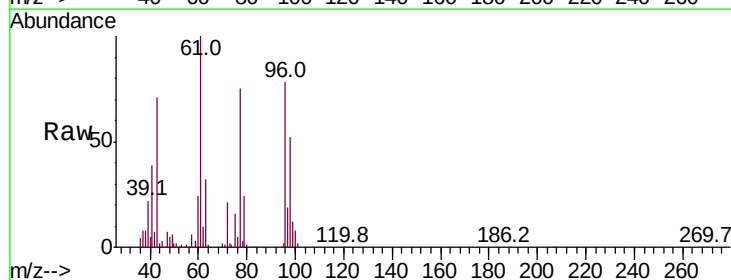
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

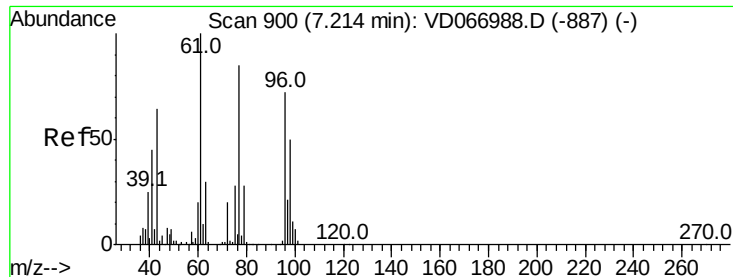
Tot Ion: 43 Resp: 225068
 Ion Ratio Lower Upper
 43 100
 72 29.2 22.8 34.2



#26
 2,2-Dichloropropane
 Concen: 43.440 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion: 77 Resp: 266447
 Ion Ratio Lower Upper
 77 100
 97 23.7 11.4 34.2



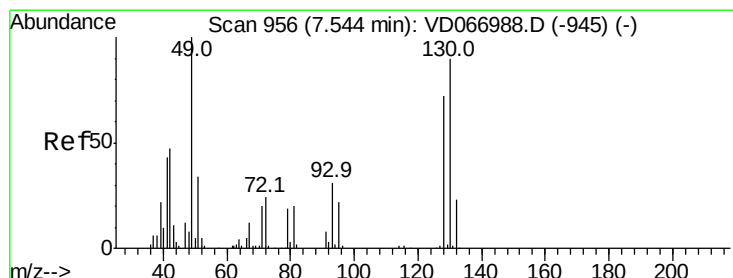
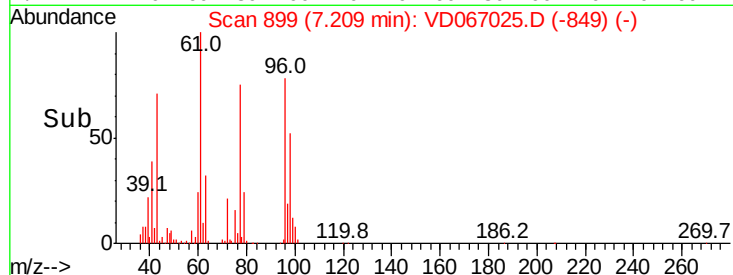
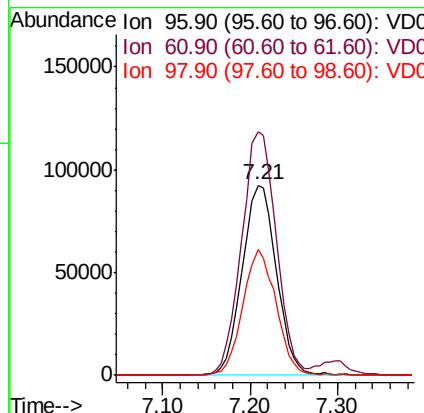
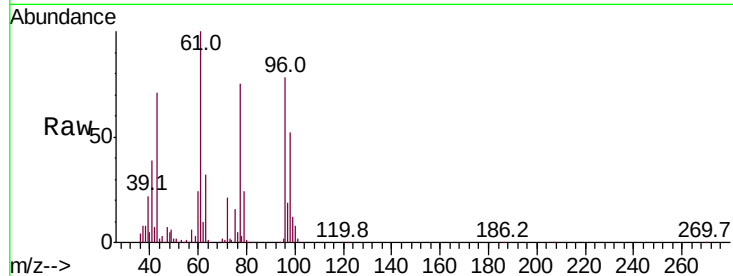


#27

cis-1,2-Dichloroethene
 Concen: 52.231 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

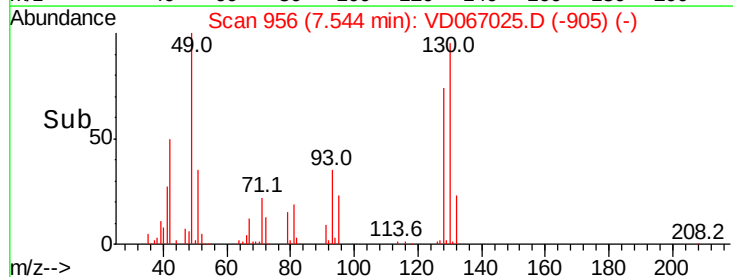
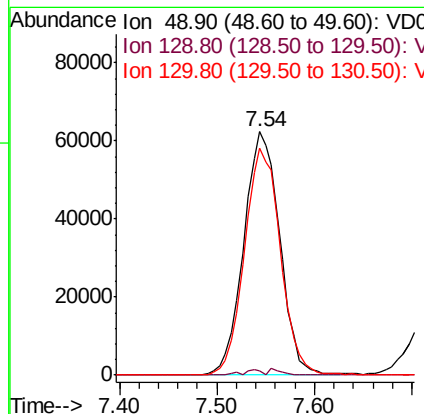
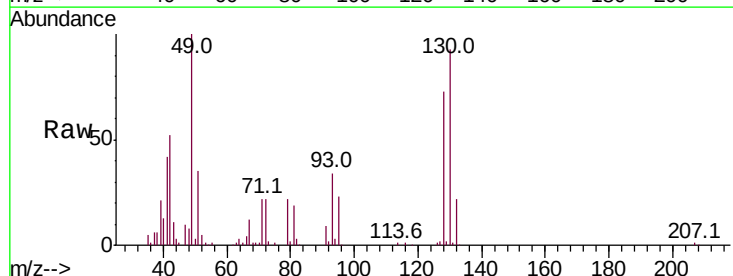
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	269.2
98	64.7	0.0	129.4

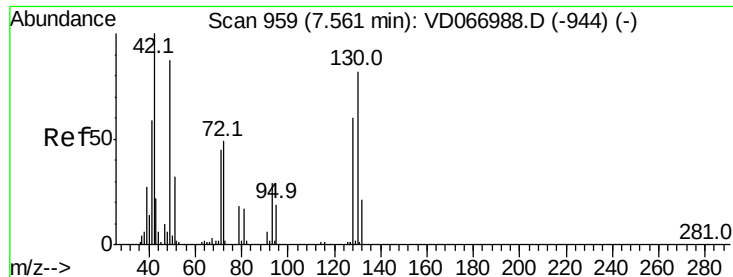


#28

Bromochloromethane
 Concen: 58.466 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	93.0	74.1	111.1





#29

Tetrahydrofuran

Concen: 285.343 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

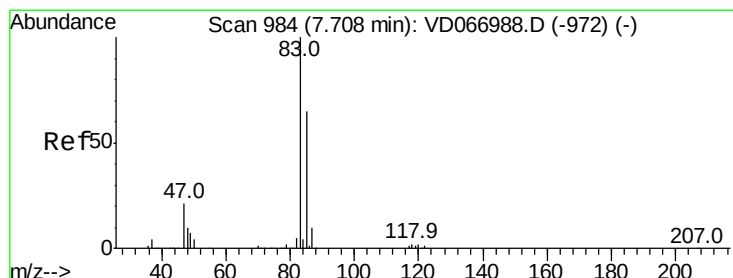
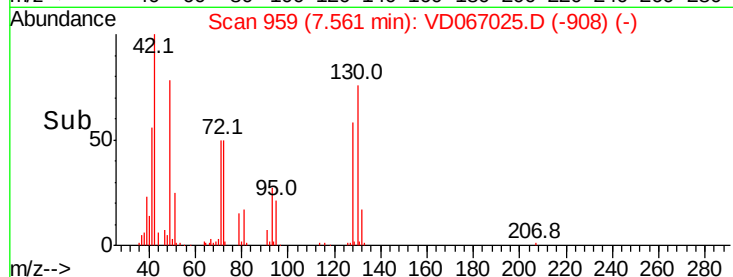
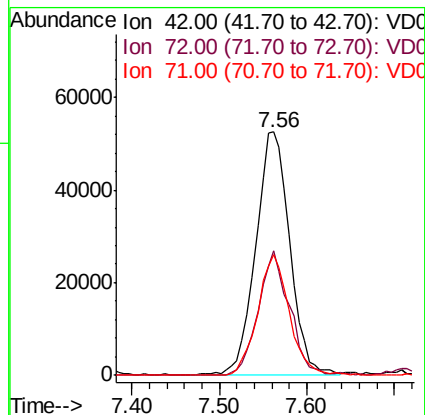
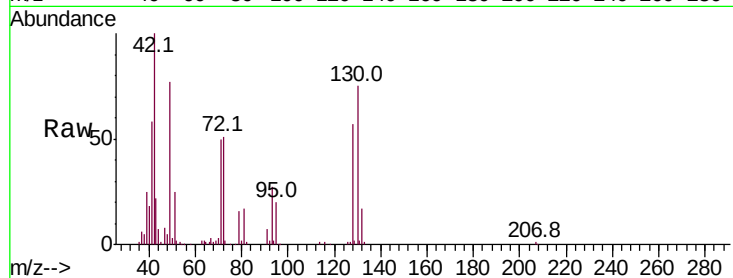
Tot Ion: 42 Resp: 140439

Ion Ratio Lower Upper

42 100

72 46.8 39.1 58.7

71 46.4 34.2 51.4



#30

Chloroform

Concen: 52.190 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067025.D

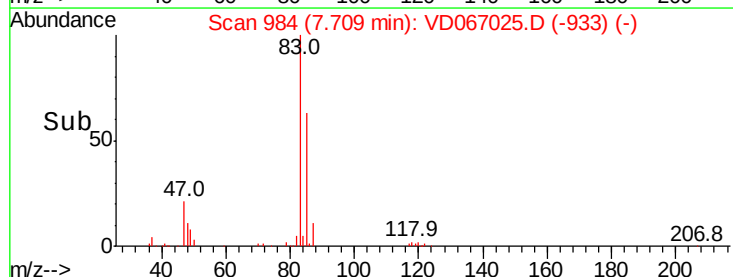
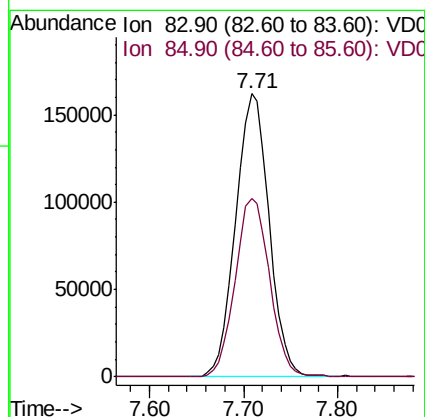
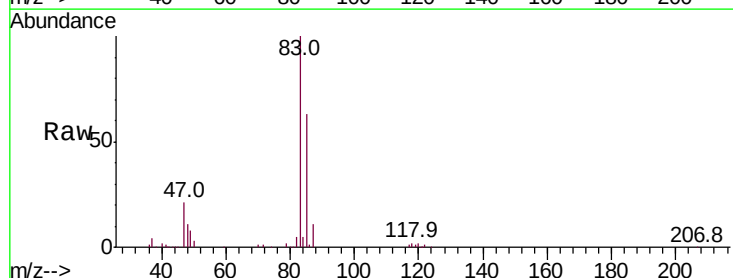
Acq: 02 Oct 2020 07:28

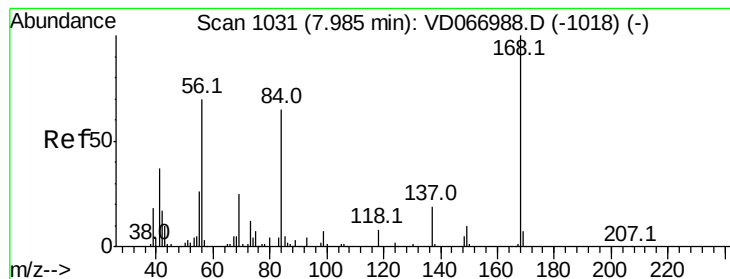
Tgt Ion: 83 Resp: 401113

Ion Ratio Lower Upper

83 100

85 63.3 52.3 78.5





#31

Cyclohexane

Concen: 41.039 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

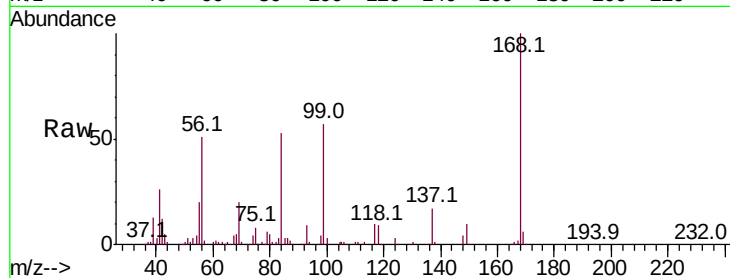
Tot Ion: 56 Resp: 243757

Ion Ratio Lower Upper

56 100

69 38.5 29.0 43.6

84 101.4 74.2 111.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

200000

150000

100000

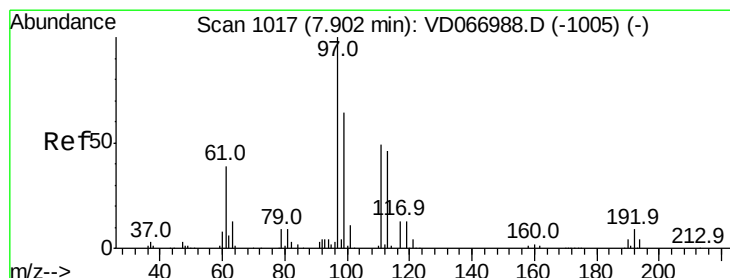
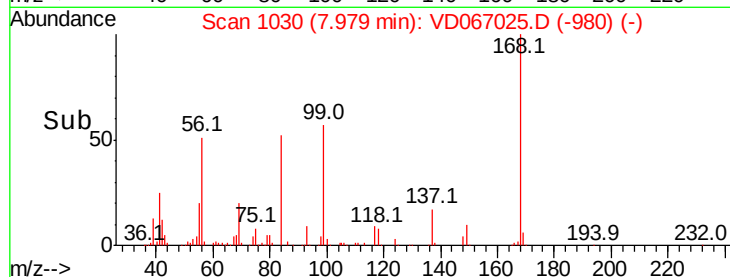
50000

0

7.90 7.95 8.00 8.05

7.98

Time-->



#32

1,1,1-Trichloroethane

Concen: 48.097 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

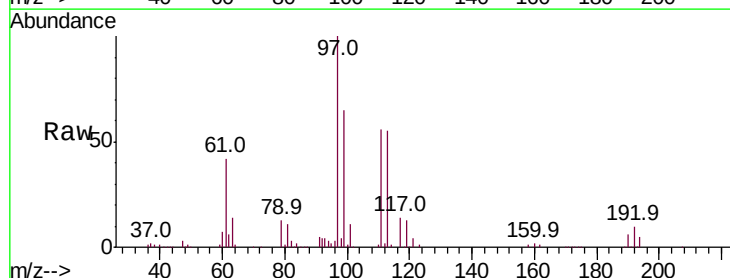
Tgt Ion: 97 Resp: 342581

Ion Ratio Lower Upper

97 100

99 65.3 52.6 78.8

61 40.9 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

150000

100000

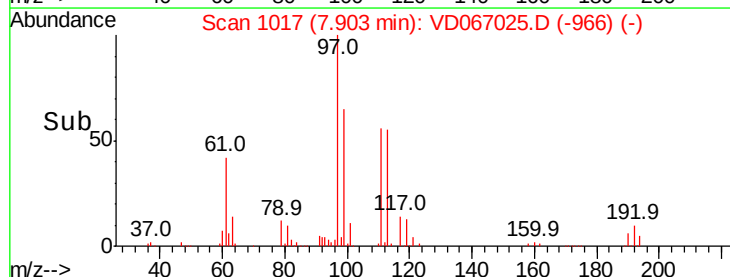
50000

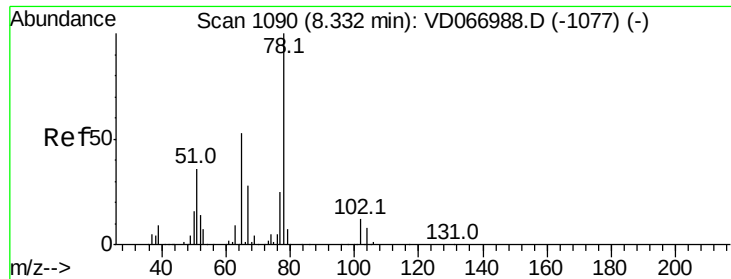
0

7.80 7.90 8.00

7.90

Time-->

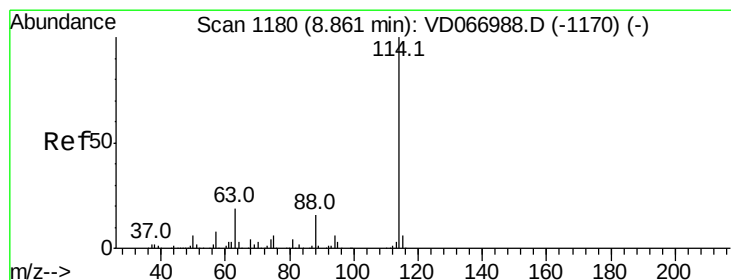
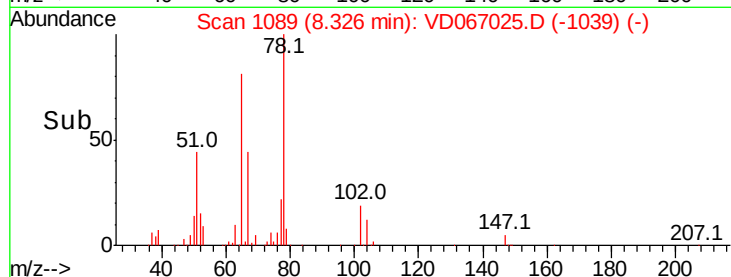
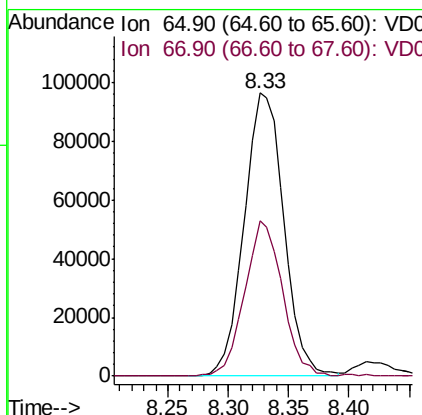
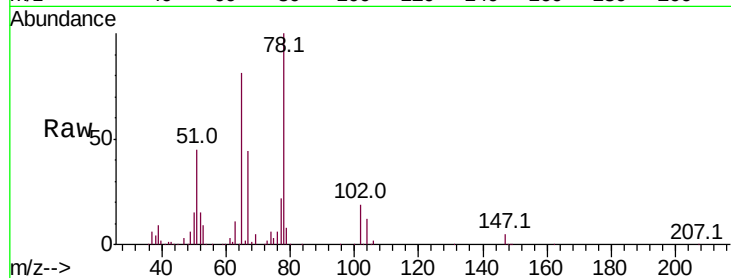




#33
 1,2-Dichloroethane-d4
 Concen: 55.971 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

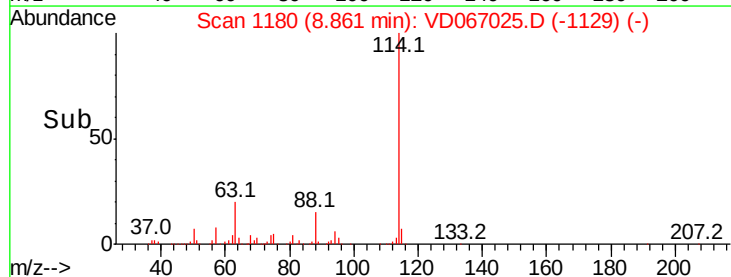
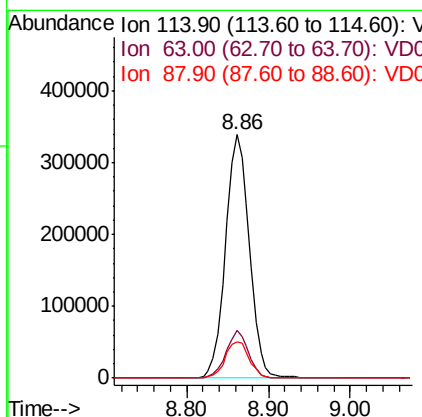
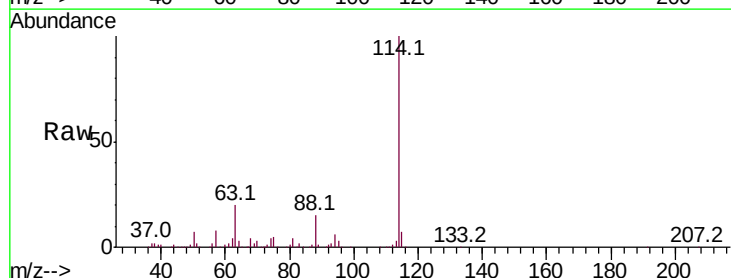
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

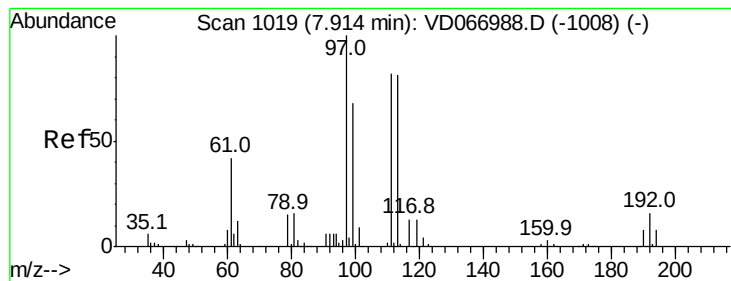
Tot Ion: 65 Resp: 221369
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion: 114 Resp: 687482
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.402 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

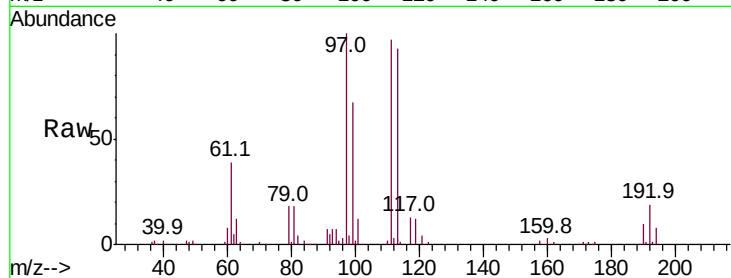
Tot Ion:113 Resp: 231353

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

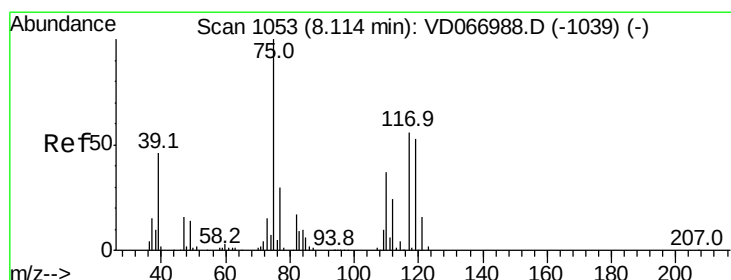
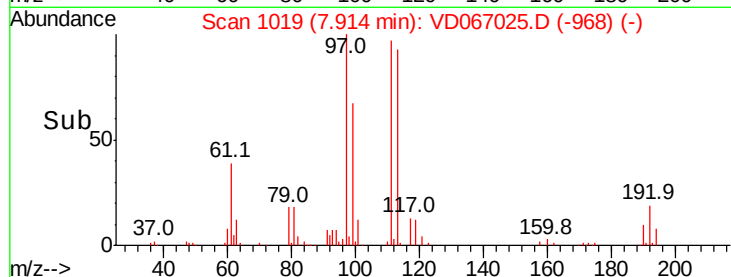
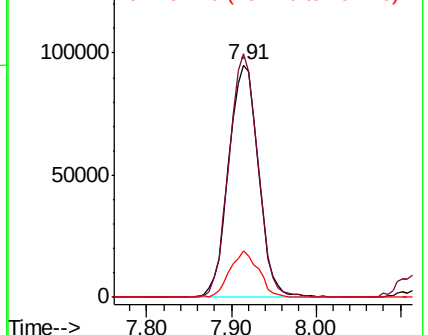
192 19.3 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.725 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

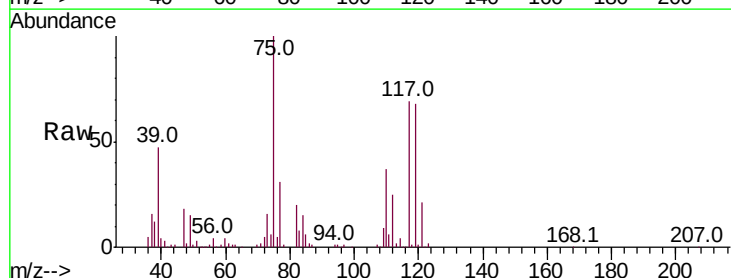
Tgt Ion: 75 Resp: 280193

Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.0

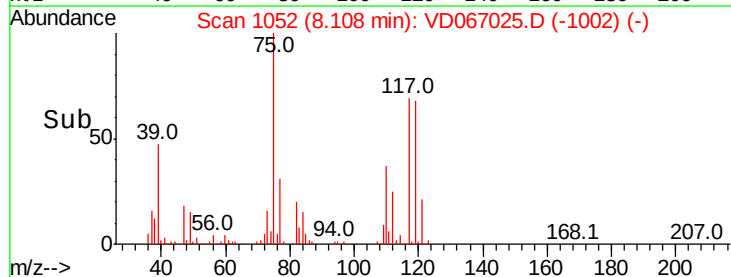
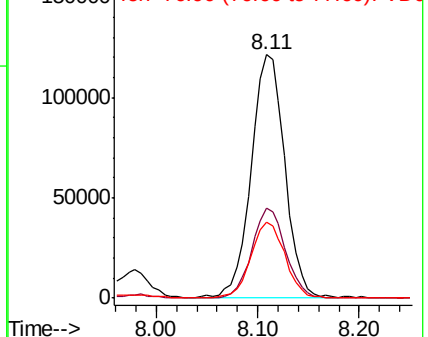
77 31.8 24.8 37.2

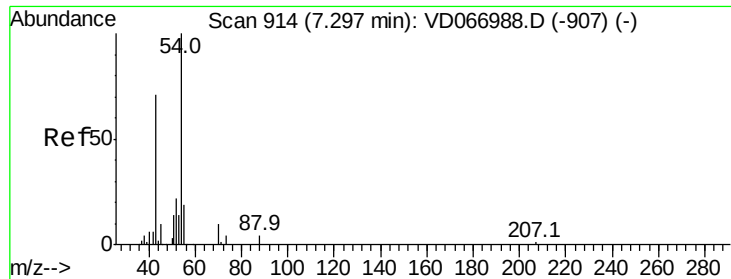


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

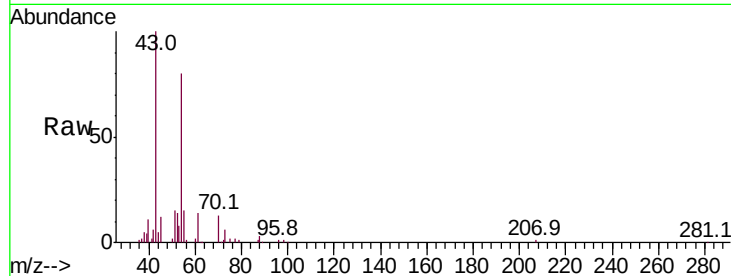




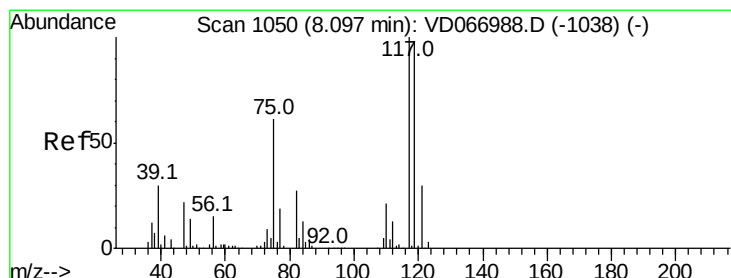
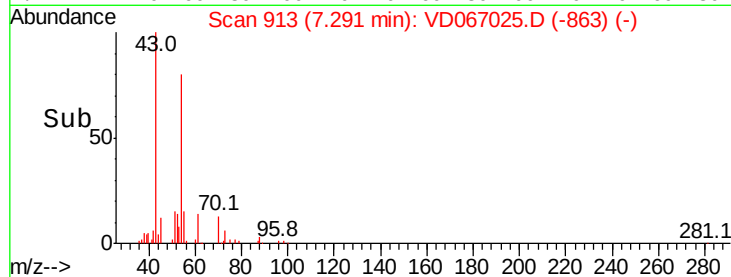
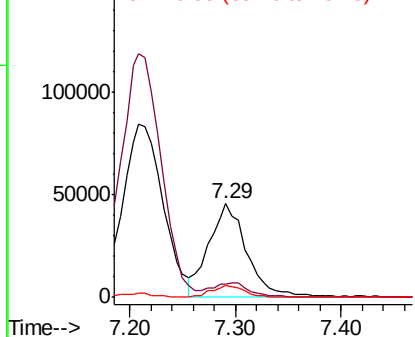
#37
Ethyl Acetate
Concen: 50.300 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 111664
Ion Ratio Lower Upper
43 100
61 14.7 12.5 18.7
70 11.8 9.4 14.0

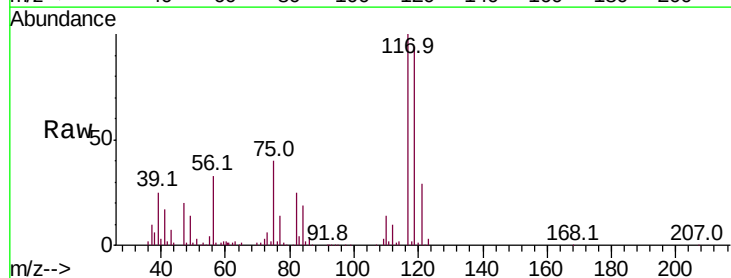


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

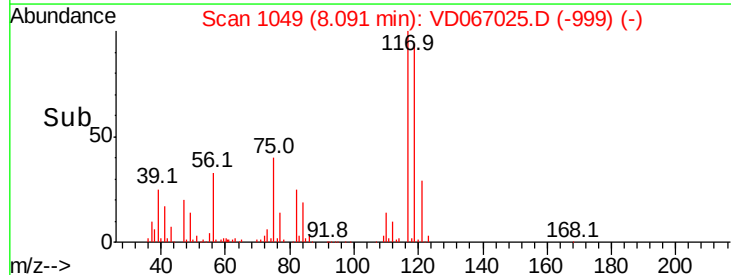
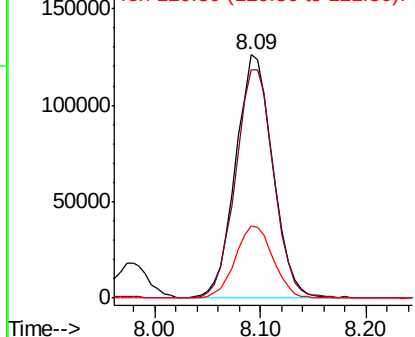


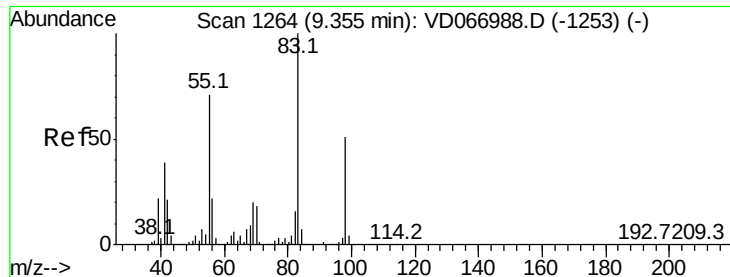
#38
Carbon Tetrachloride
Concen: 44.529 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 117 Resp: 308741
Ion Ratio Lower Upper
117 100
119 93.8 78.7 118.1
121 29.4 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

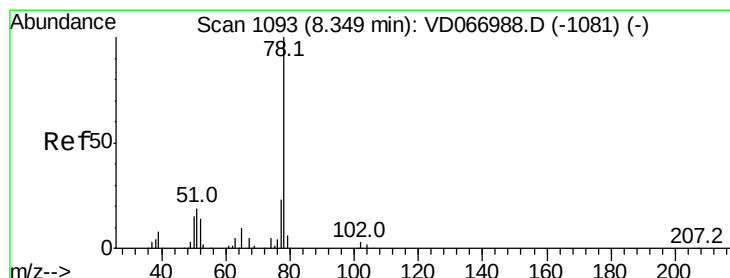
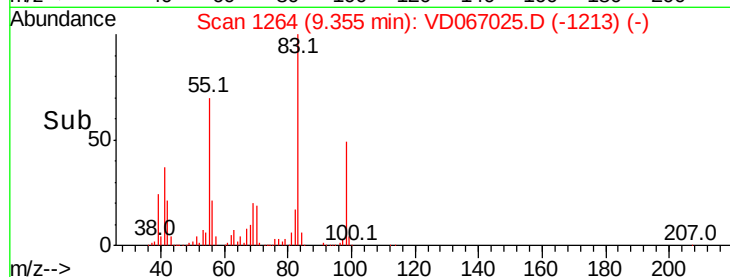
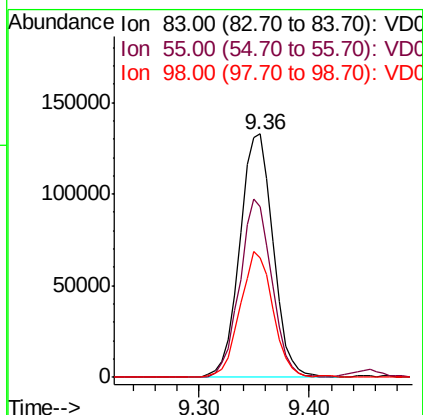
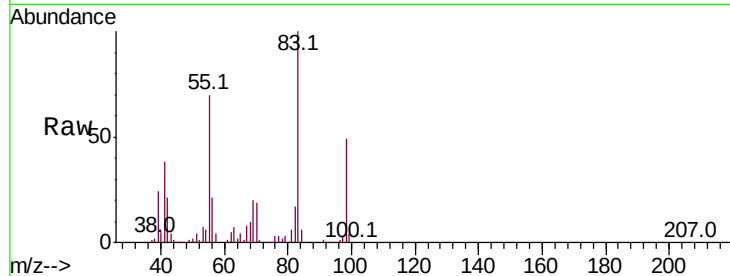




#39
Methylvlcyclohexane
Concen: 41.683 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

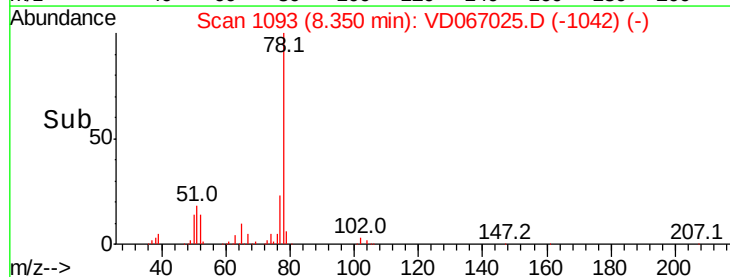
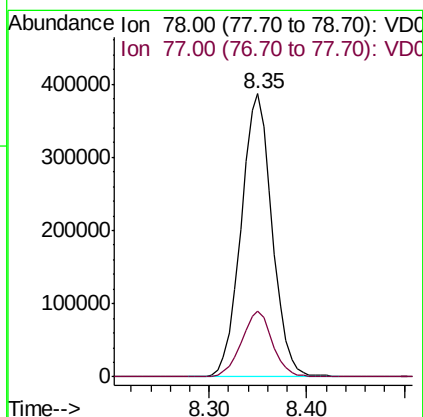
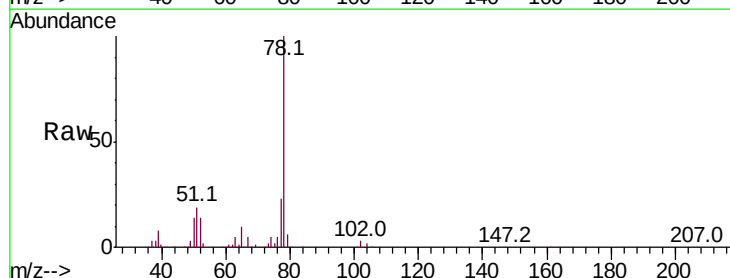
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

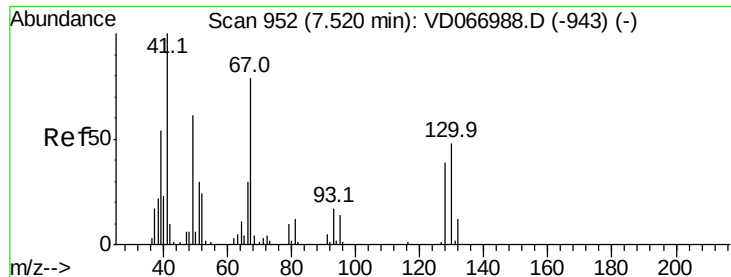
Tot Ion: 83 Resp: 282398
Ion Ratio Lower Upper
83 100
55 70.3 57.1 85.7
98 49.2 40.9 61.3



#40
Benzene
Concen: 48.184 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 78 Resp: 857626
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6





#41

Methacrylonitrile

Concen: 118.538 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.04 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 142164

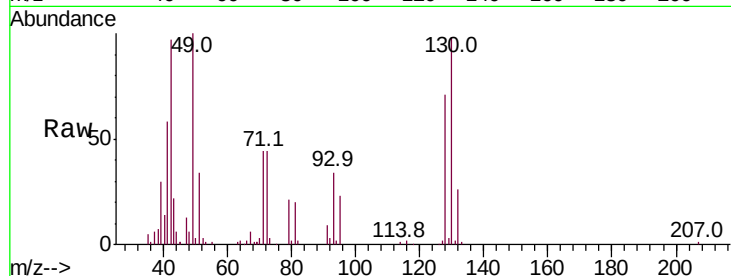
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



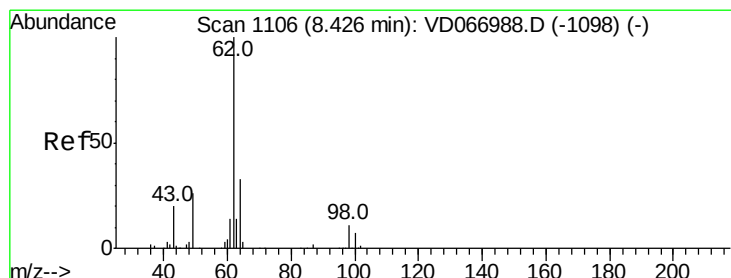
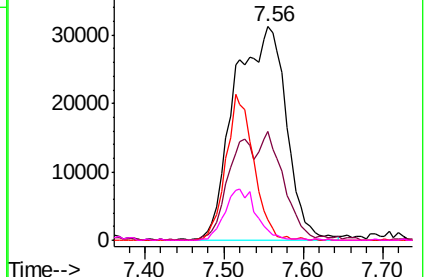
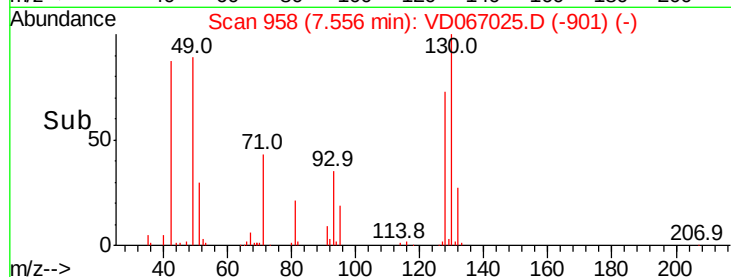
Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Time-->



#42

1,2-Dichloroethane

Concen: 49.669 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD067025.D

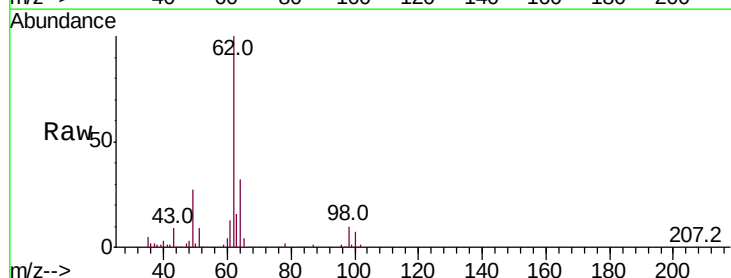
Acq: 02 Oct 2020 07:28

Tgt Ion: 62 Resp: 247029

Ion Ratio Lower Upper

62 100

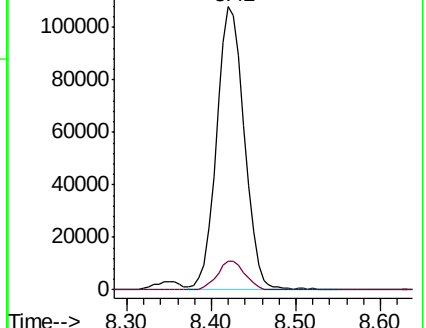
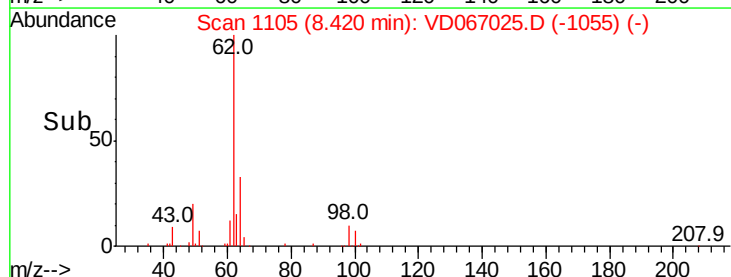
98 10.3 0.0 22.6

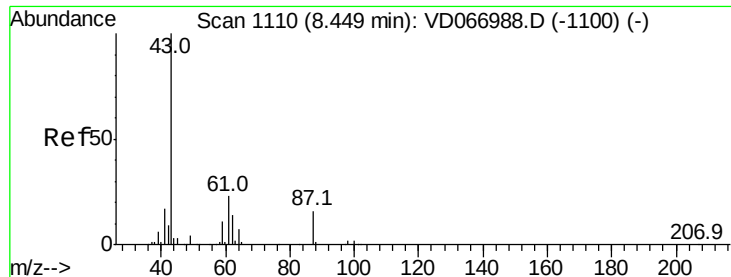


Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Time-->





#43

Isopropyl Acetate

Concen: 50.596 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

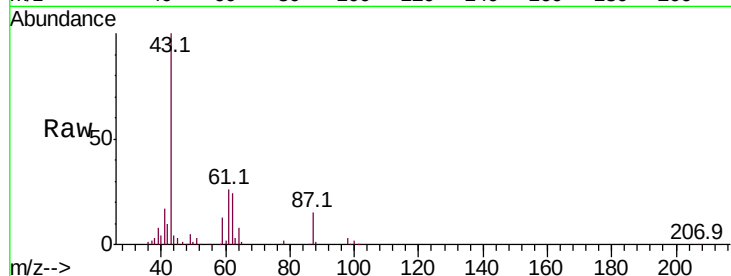
Tot Ion: 43 Resp: 206917

Ion Ratio Lower Upper

43 100

61 34.4 27.1 40.7

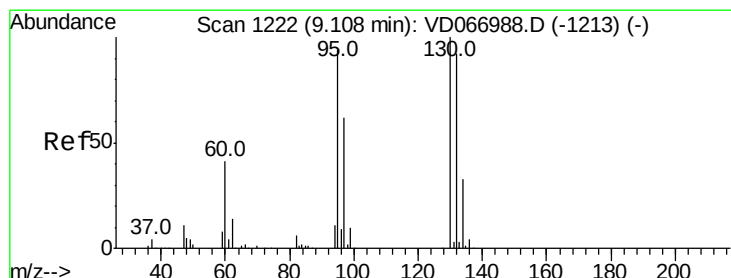
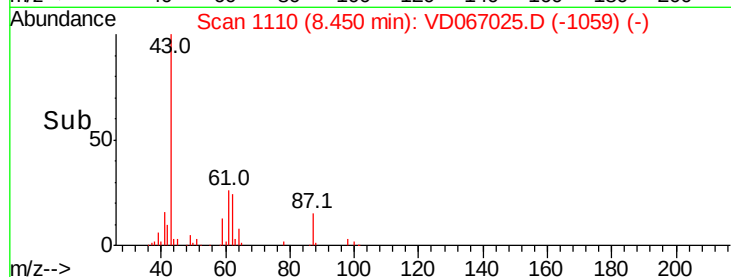
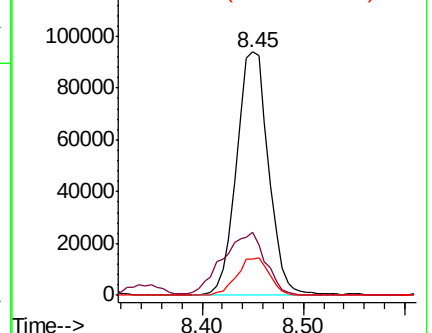
87 15.4 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 46.265 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067025.D

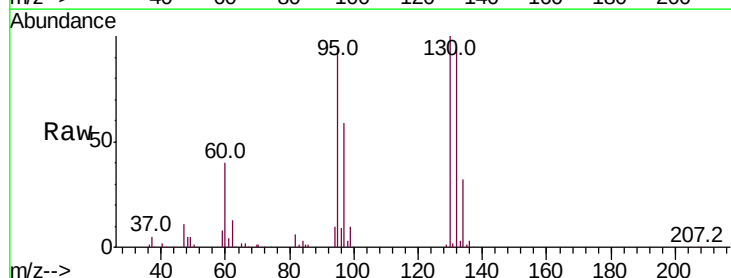
Acq: 02 Oct 2020 07:28

Tgt Ion:130 Resp: 245896

Ion Ratio Lower Upper

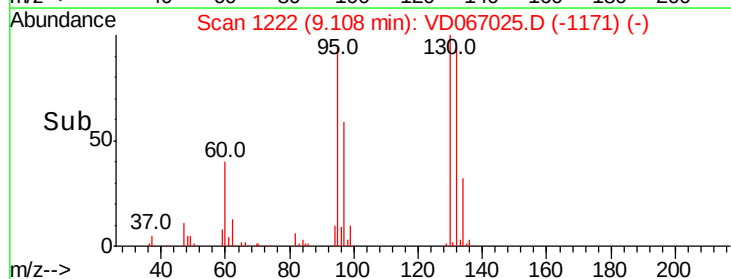
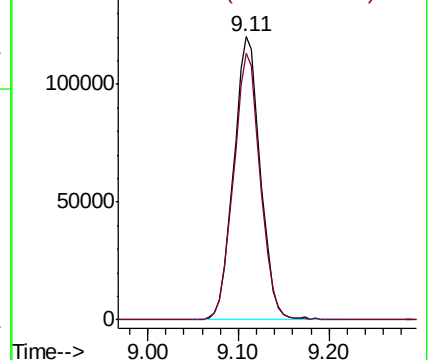
130 100

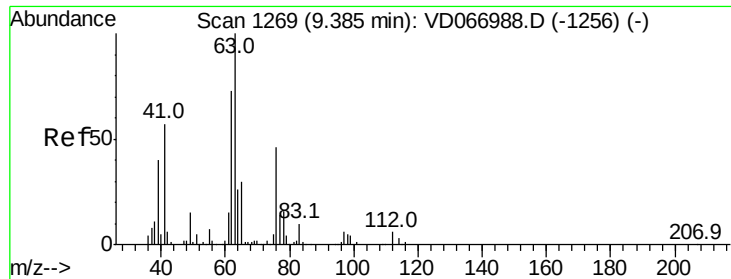
95 94.0 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.546 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

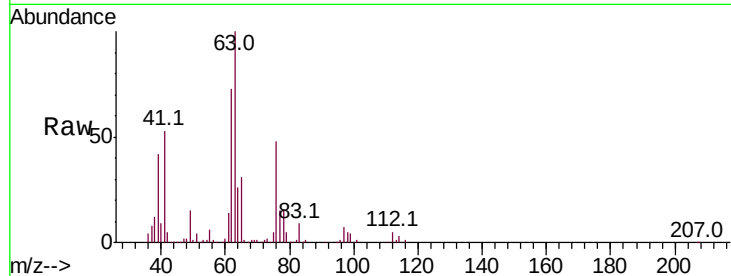
VSTDCCC050EC

Tot Ion: 63 Resp: 207205

Ion Ratio Lower Upper

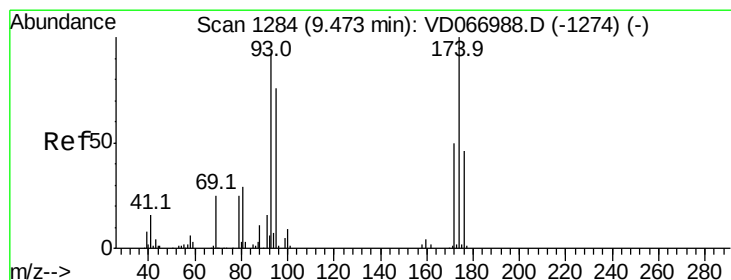
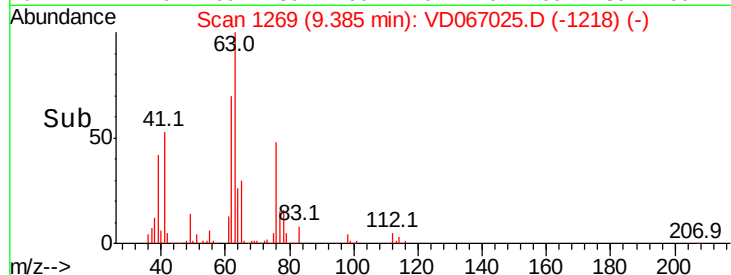
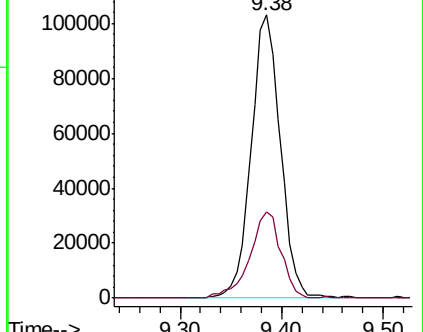
63 100

65 30.6 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.558 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

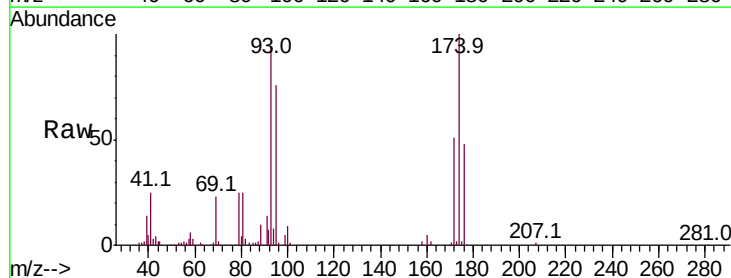
Tgt Ion: 93 Resp: 123926

Ion Ratio Lower Upper

93 100

95 82.0 64.7 97.1

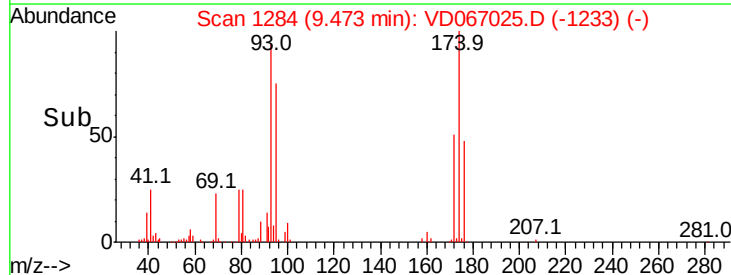
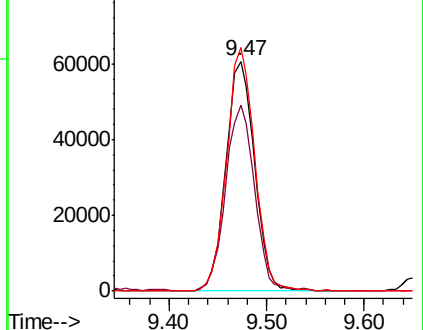
174 103.5 81.4 122.2

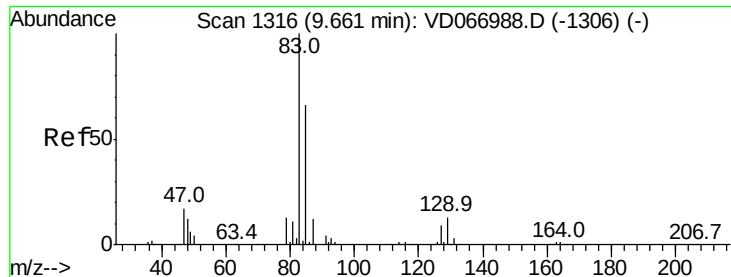


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.875 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

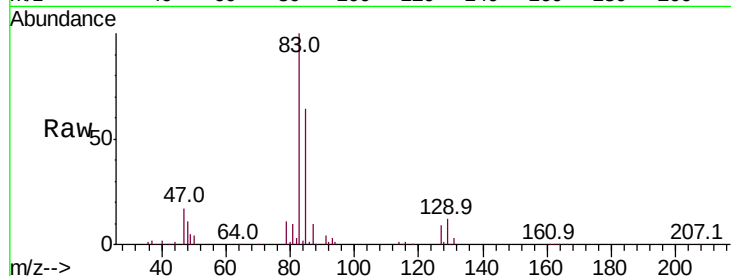
Tot Ion: 83 Resp: 317875

Ion Ratio Lower Upper

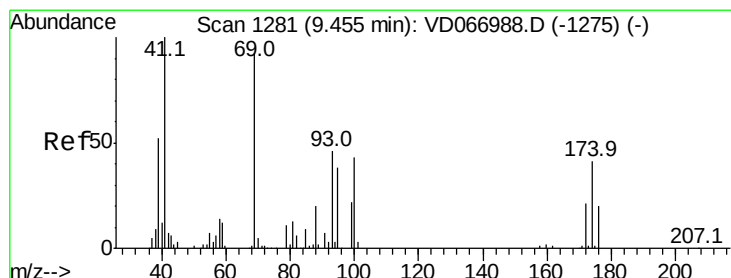
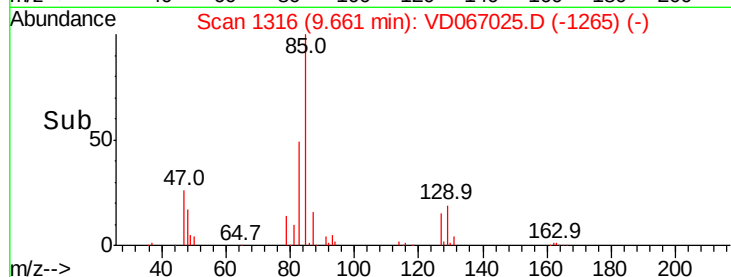
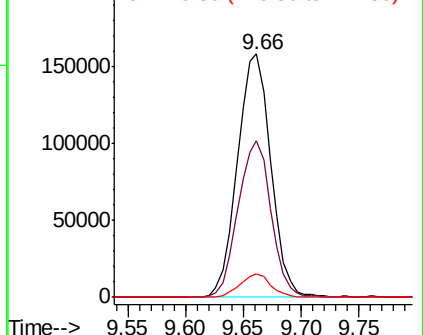
83 100

85 64.5 52.9 79.3

127 9.4 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 47.995 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

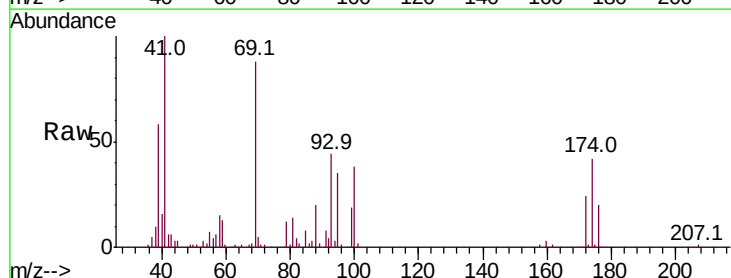
Tgt Ion: 41 Resp: 100557

Ion Ratio Lower Upper

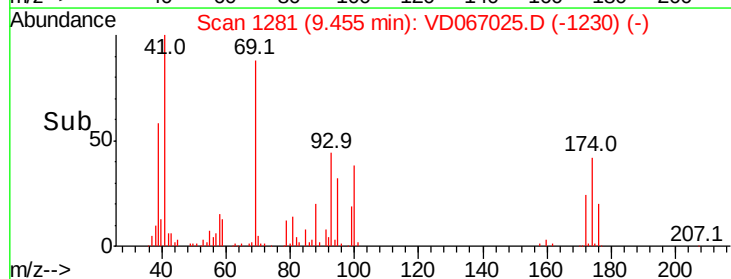
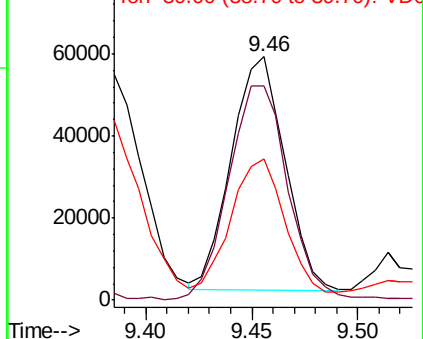
41 100

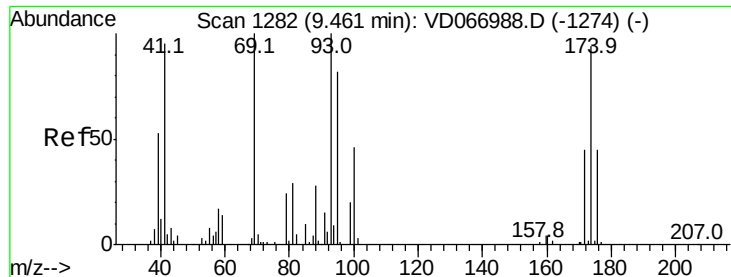
69 101.2 68.5 102.7

39 63.8 40.2 60.2#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1054.122 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

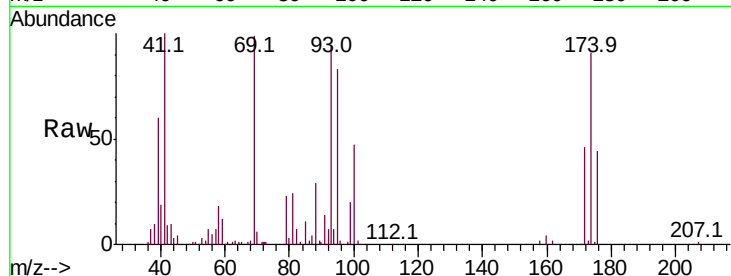
Tot Ion: 88 Resp: 26444

Ion Ratio Lower Upper

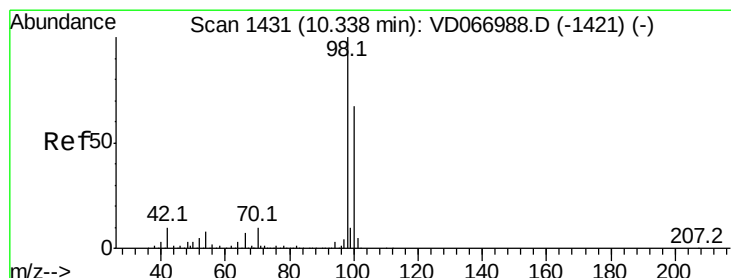
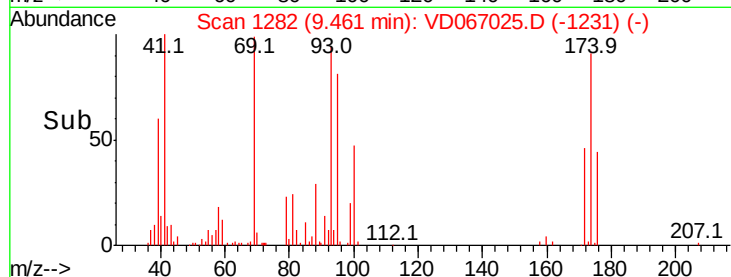
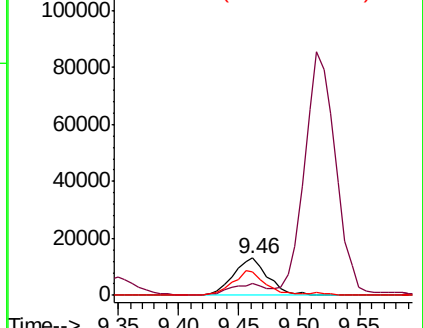
88 100

43 33.3 25.6 38.4

58 60.7 53.5 80.3



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.407 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067025.D

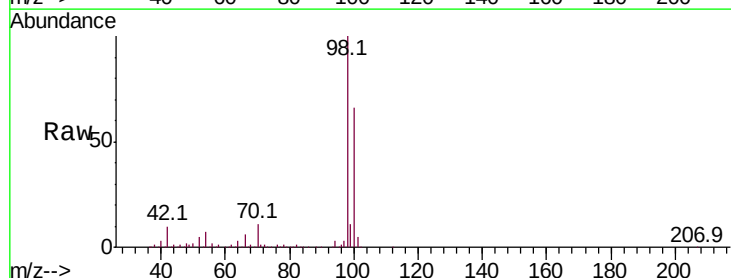
Acq: 02 Oct 2020 07:28

Tgt Ion: 98 Resp: 843100

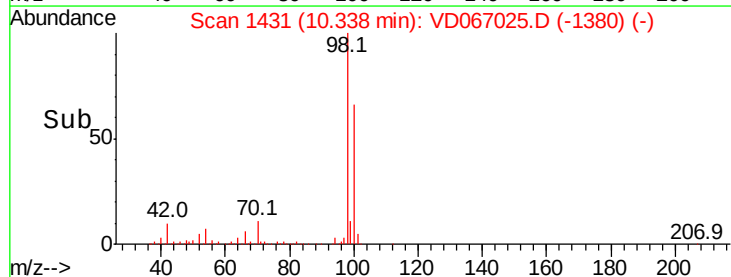
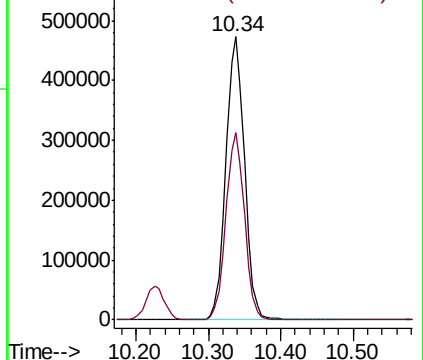
Ion Ratio Lower Upper

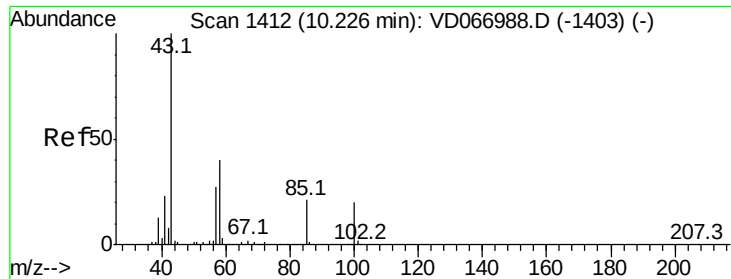
98 100

100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

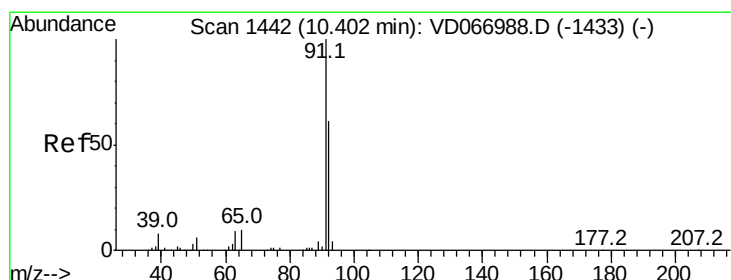
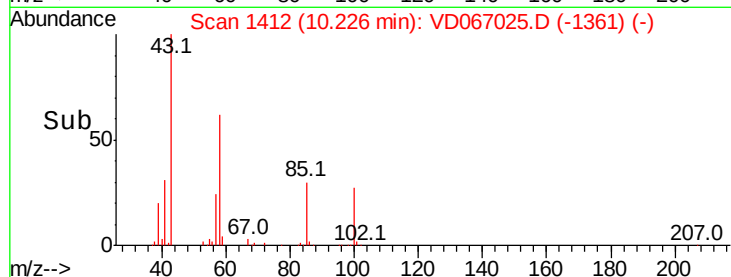
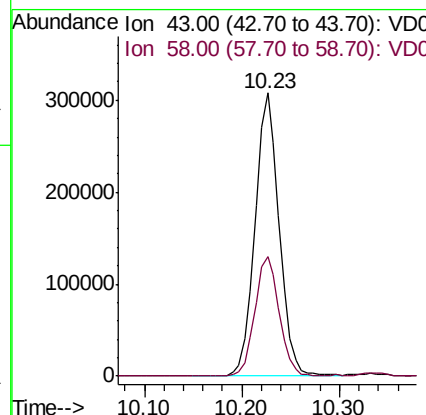
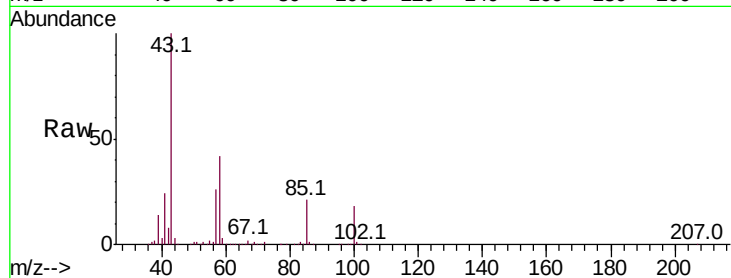




#51
4-Methyl-2-Pentanone
Concen: 263.054 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

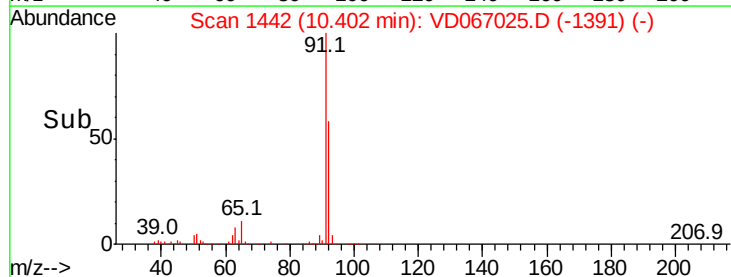
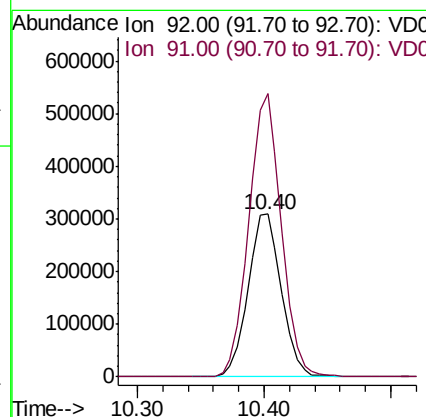
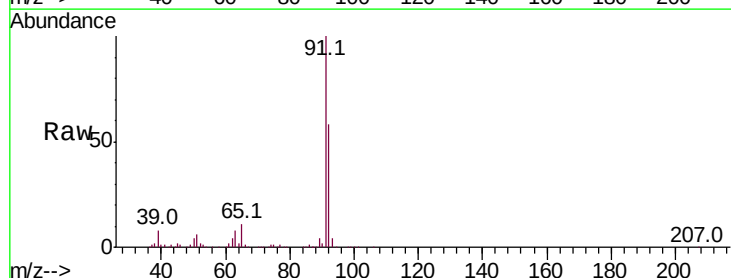
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

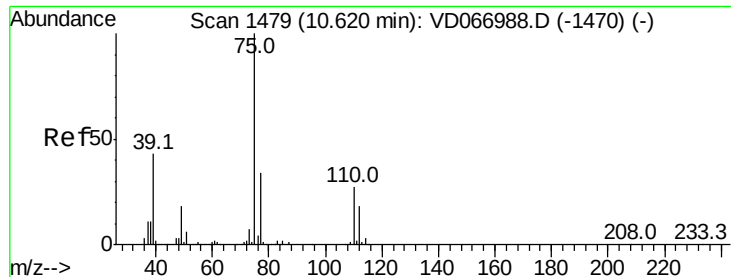
Tot Ion: 43 Resp: 535847
Ion Ratio Lower Upper
43 100
58 42.6 33.8 50.8



#52
Toluene
Concen: 49.206 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 92 Resp: 564174
Ion Ratio Lower Upper
92 100
91 170.3 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 48.766 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

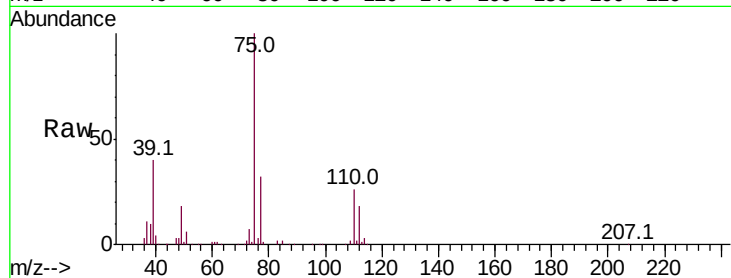
VSTDCCC050EC

Tot Ion: 75 Resp: 272315

Ion Ratio Lower Upper

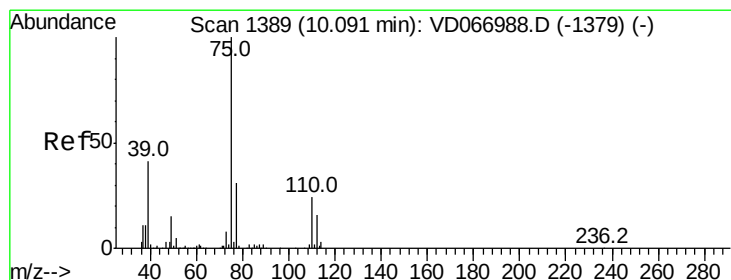
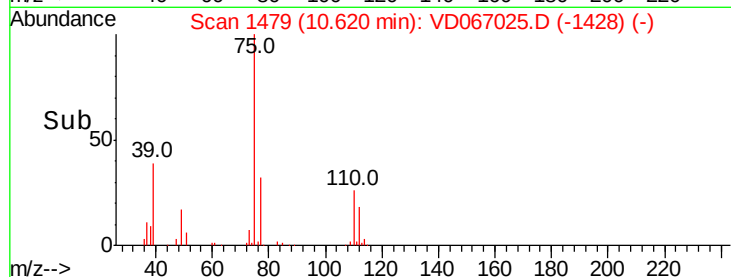
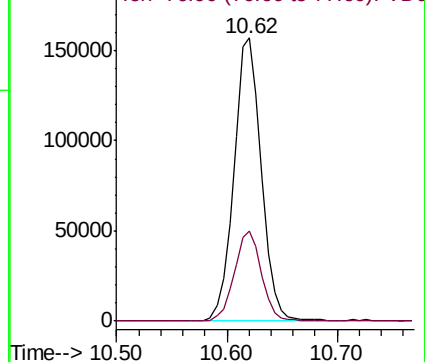
75 100

77 31.9 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 47.940 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

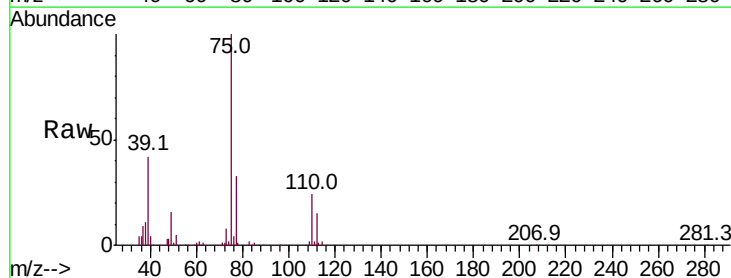
Tgt Ion: 75 Resp: 326894

Ion Ratio Lower Upper

75 100

77 33.3 24.6 37.0

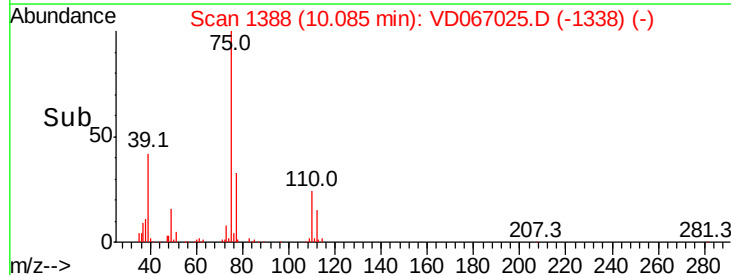
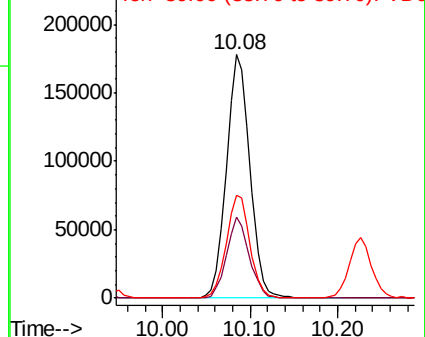
39 41.9 33.0 49.4

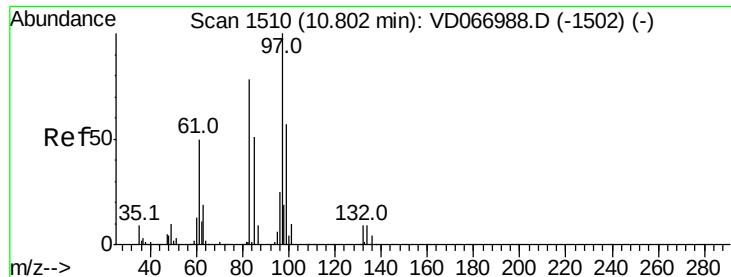


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

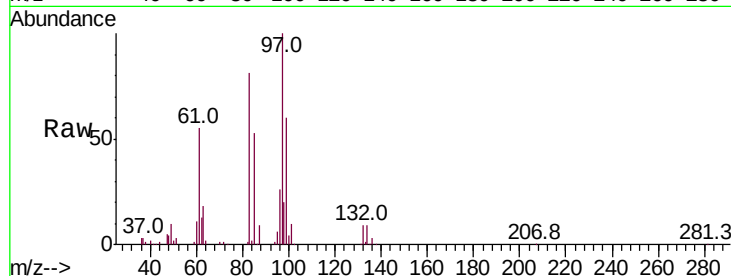




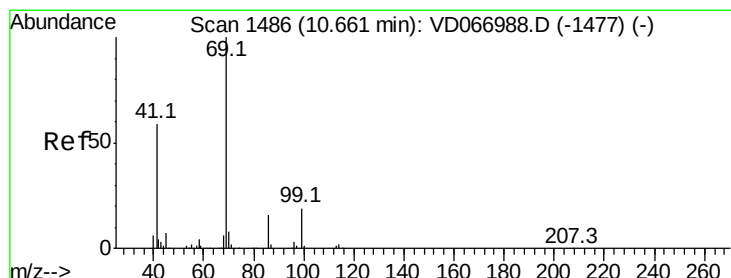
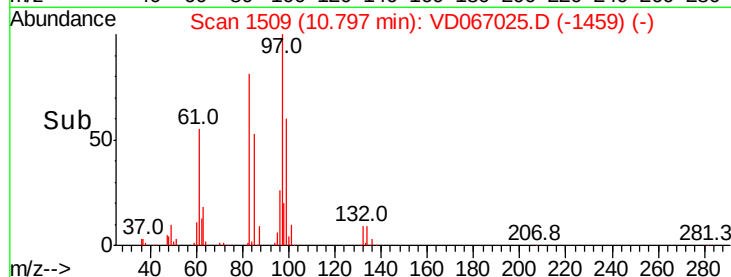
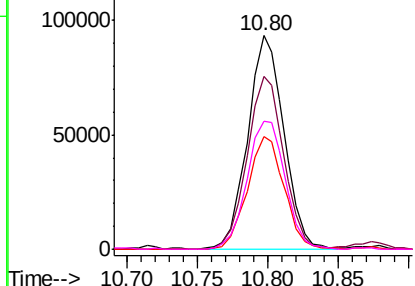
#55
 1,1,2-Trichloroethane
 Concen: 49.938 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	166883
Ion	Ratio	Lower	Upper
97	100		
83	81.4	62.4	93.6
85	53.1	41.0	61.4
99	60.1	45.9	68.9

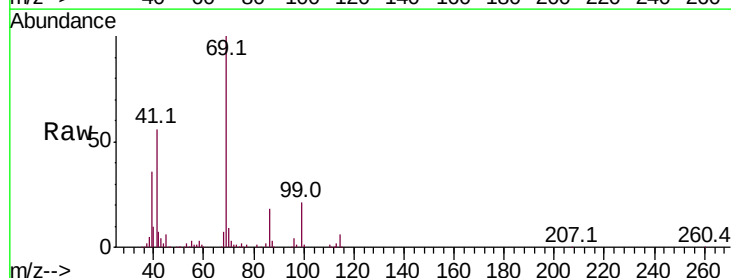


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

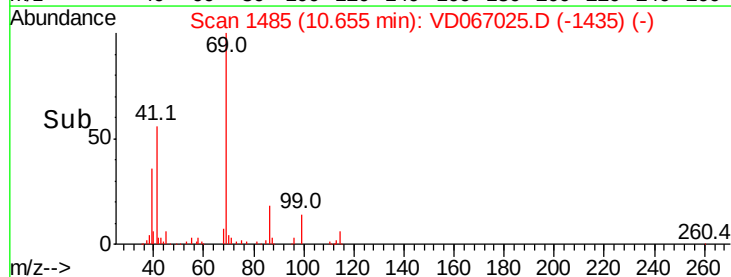
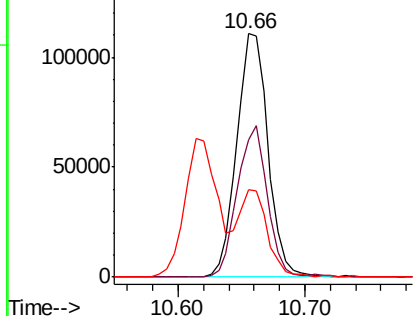


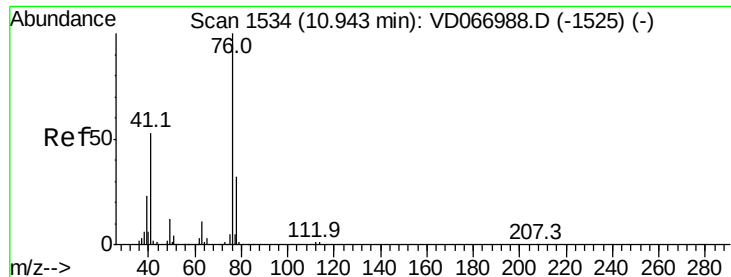
#56
 Ethyl methacrylate
 Concen: 54.903 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion:	69	Resp:	189425
Ion	Ratio	Lower	Upper
69	100		
41	58.7	46.4	69.6
39	30.2	23.8	35.6



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 51.171 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

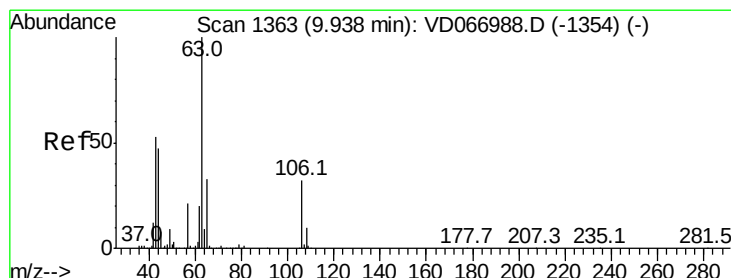
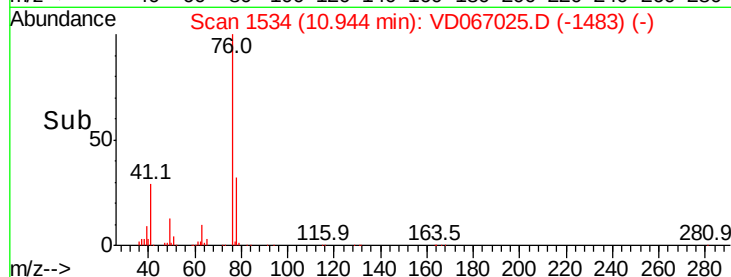
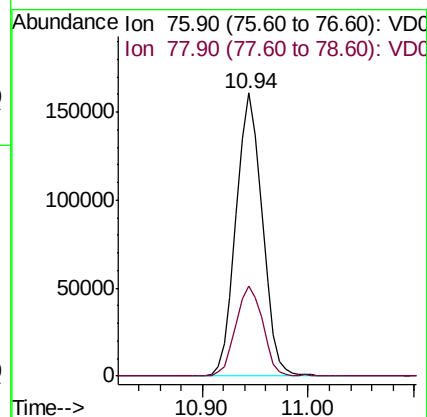
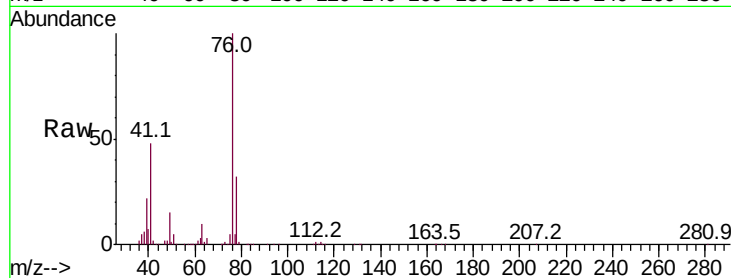
VSTDCCC050EC

Tot Ion: 76 Resp: 277297

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 281.024 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067025.D

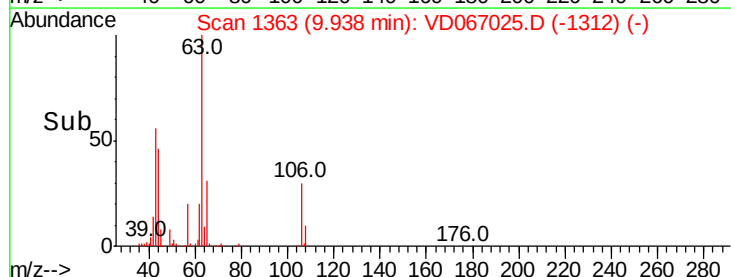
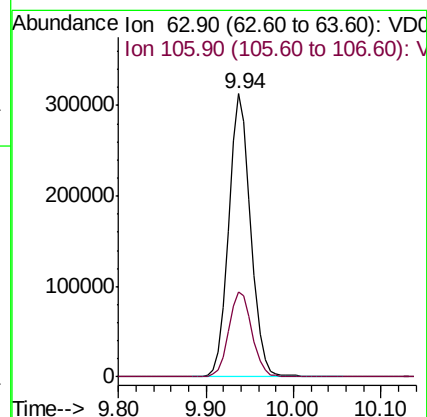
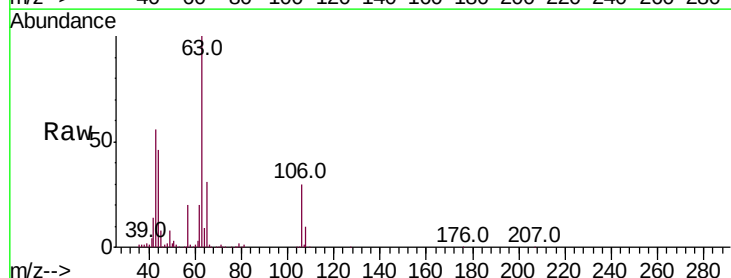
Acq: 02 Oct 2020 07:28

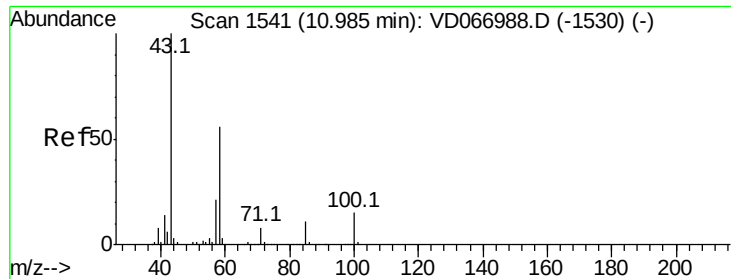
Tgt Ion: 63 Resp: 539656

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9

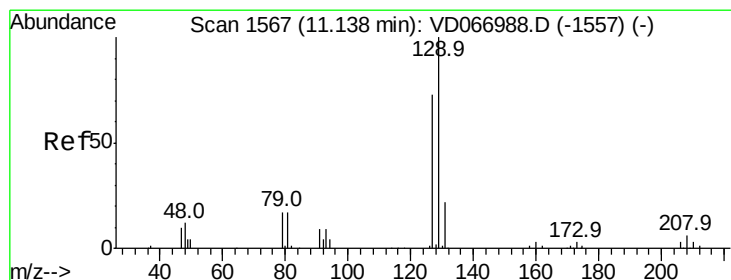
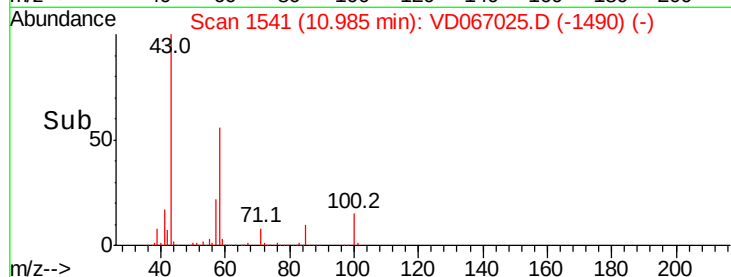
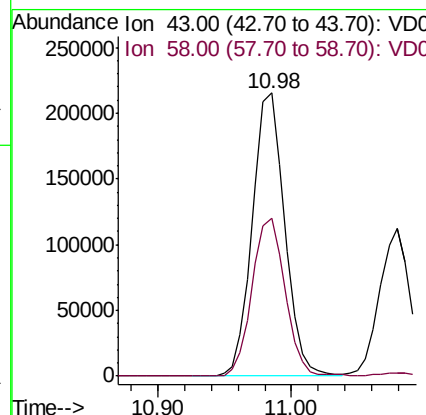
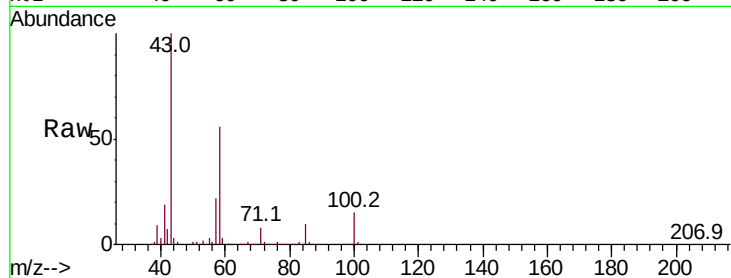




#59
2-Hexanone
Concen: 264.616 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

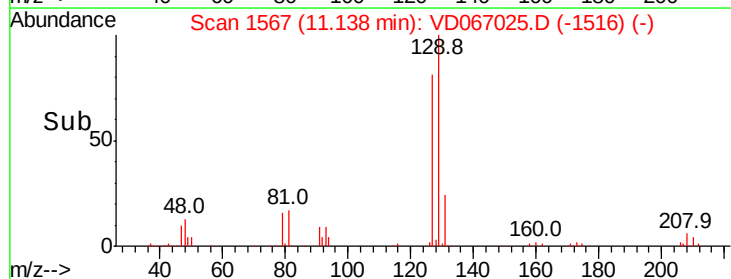
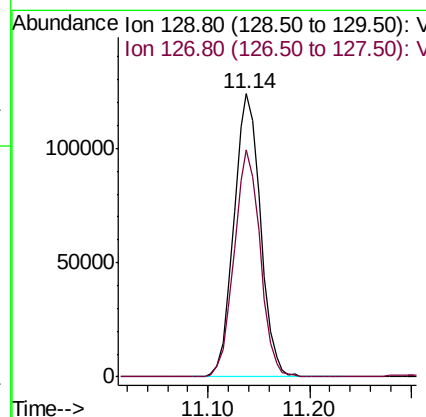
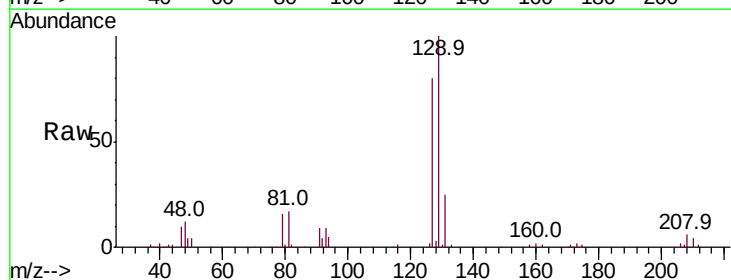
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

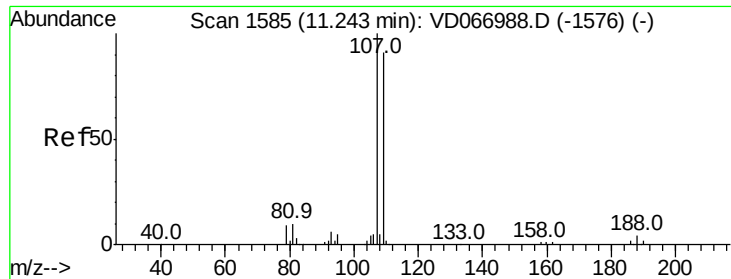
Tot Ion: 43 Resp: 359771
Ion Ratio Lower Upper
43 100
58 57.1 28.3 84.9



#60
Dibromochloromethane
Concen: 50.450 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 129 Resp: 224705
Ion Ratio Lower Upper
129 100
127 78.8 37.4 112.1

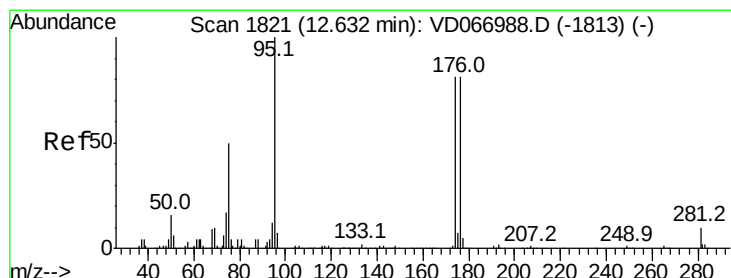
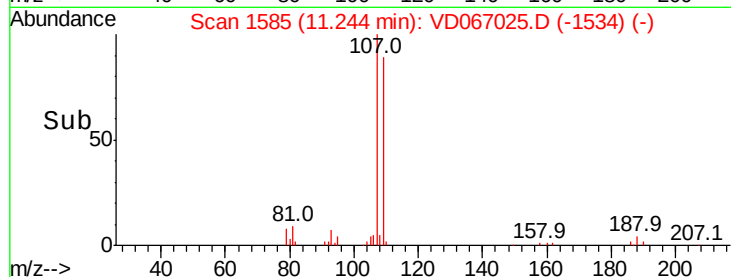
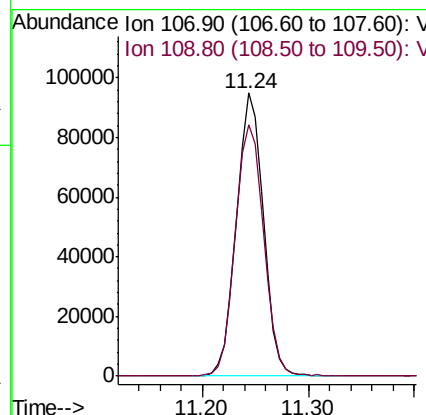
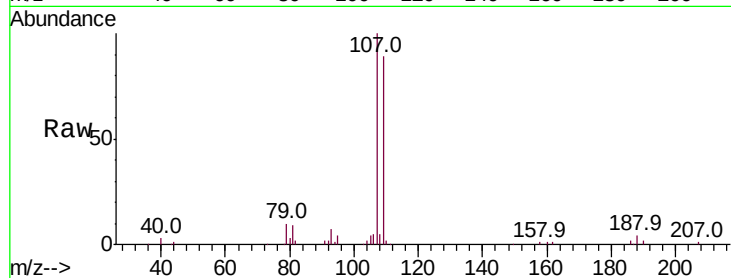




#61
 1,2-Dibromoethane
 Concen: 51.926 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

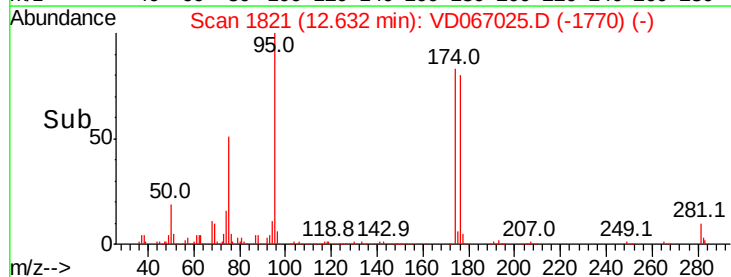
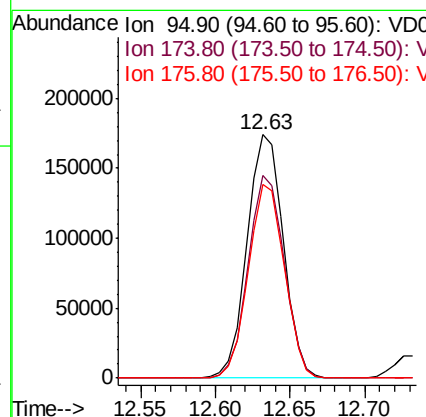
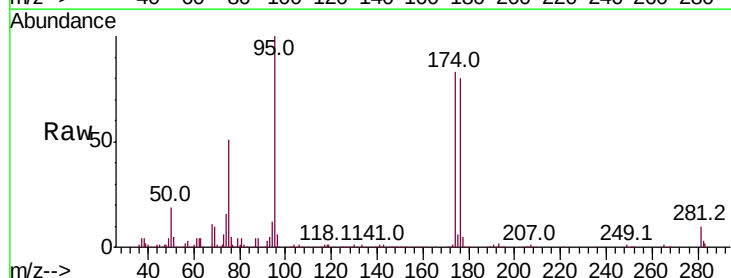
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

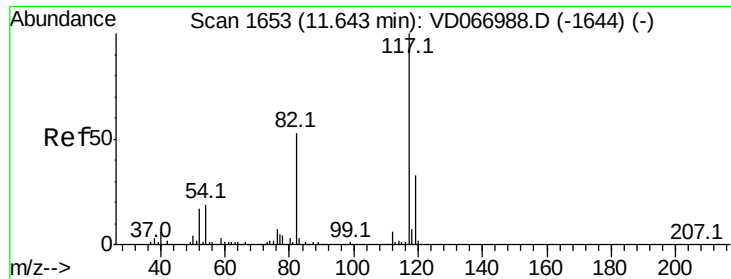
Tot Ion:107 Resp: 166709
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 52.194 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion: 95 Resp: 290592
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 167.6
 176 79.6 0.0 162.4

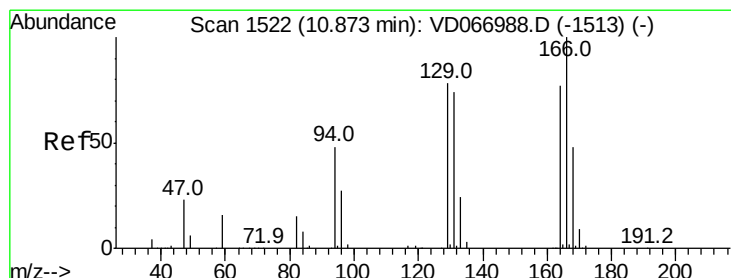
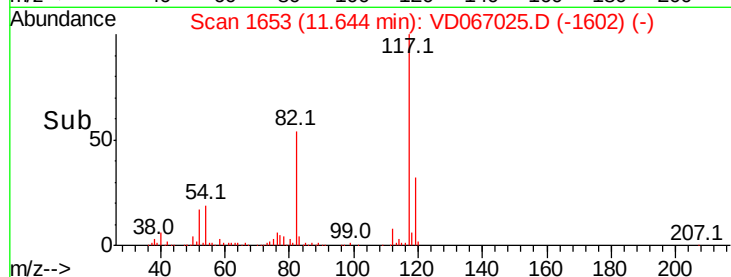
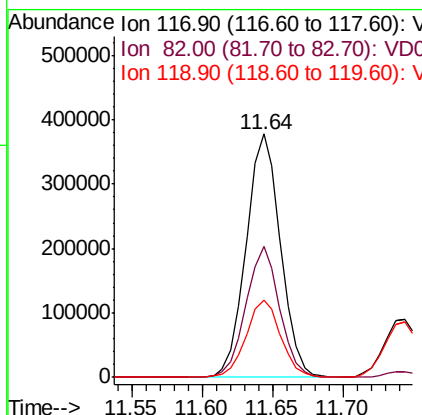
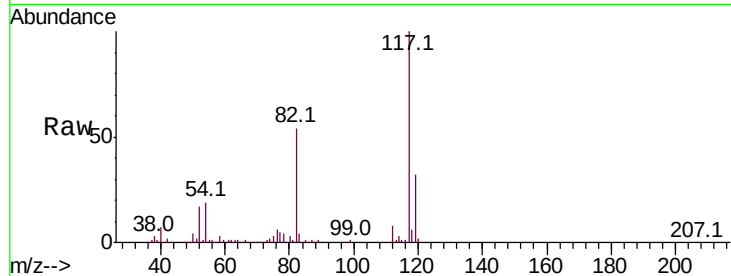




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

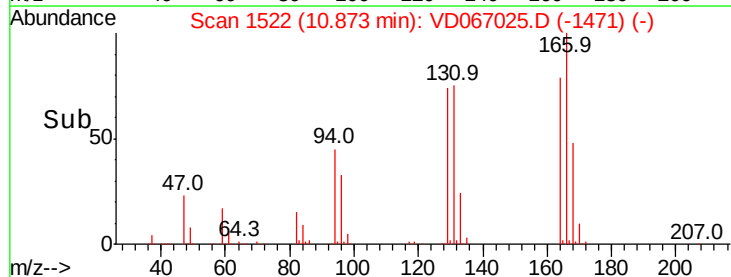
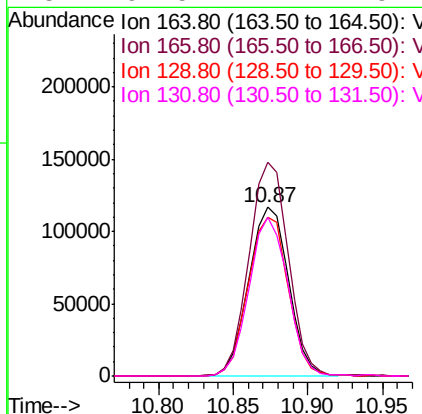
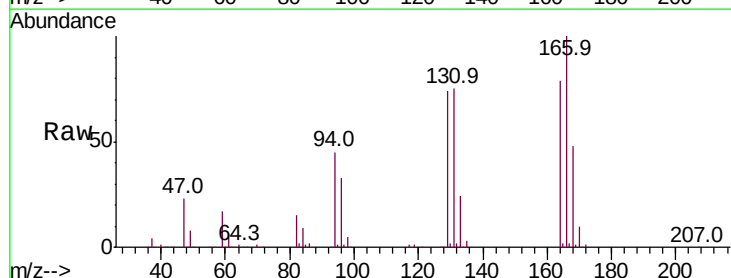
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

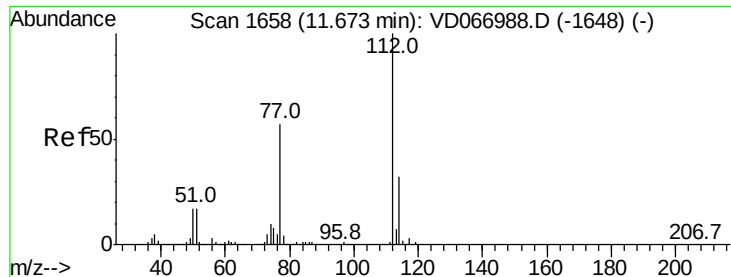
Tot Ion:117 Resp: 645987
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 45.776 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion:164 Resp: 214981
Ion Ratio Lower Upper
164 100
166 126.8 104.4 156.6
129 94.3 81.3 121.9
131 94.5 77.1 115.7

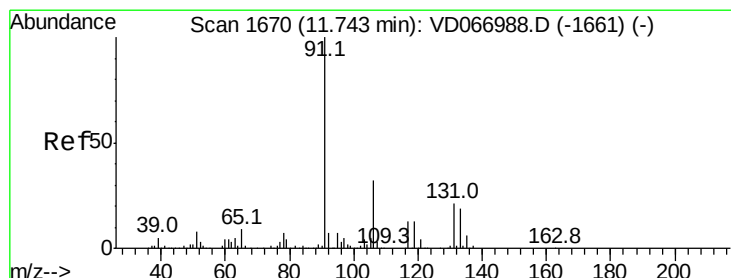
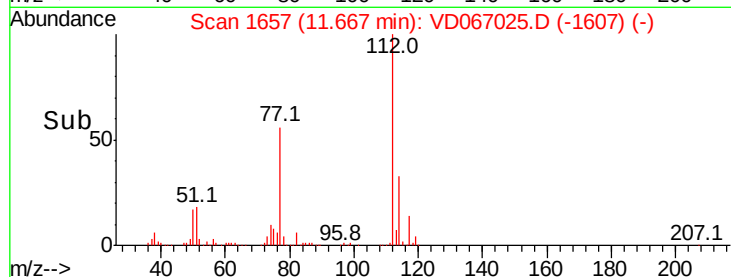
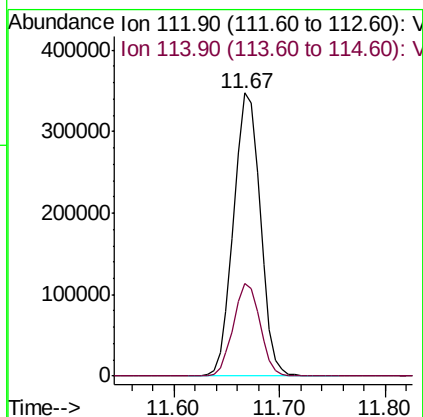
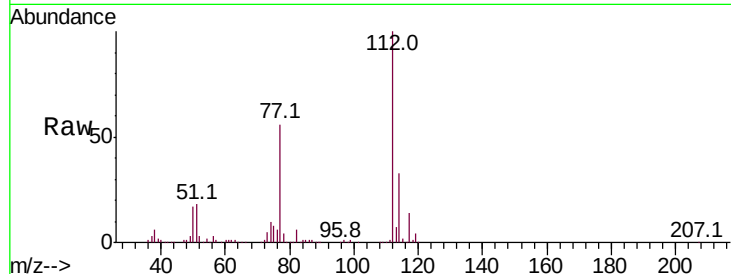




#65
Chlorobenzene
Concen: 47.380 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

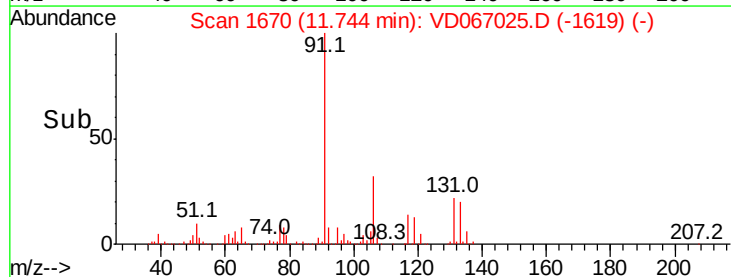
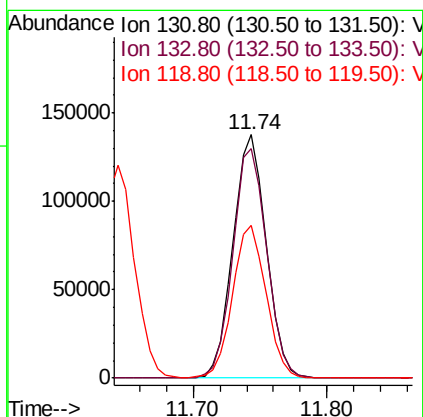
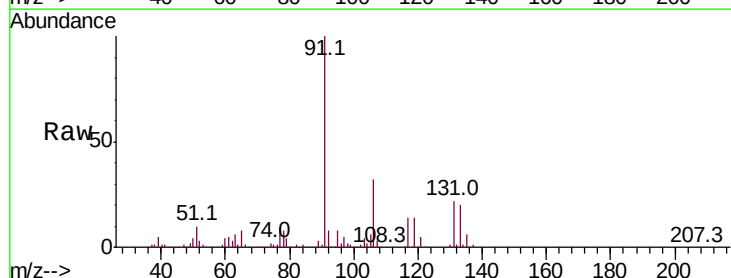
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

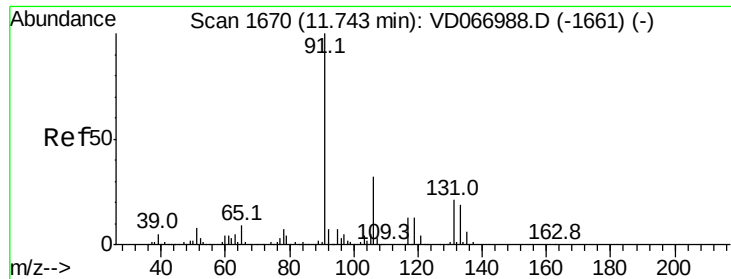
Tot Ion:112 Resp: 608735
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.723 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion:131 Resp: 238118
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 63.3 32.3 96.8

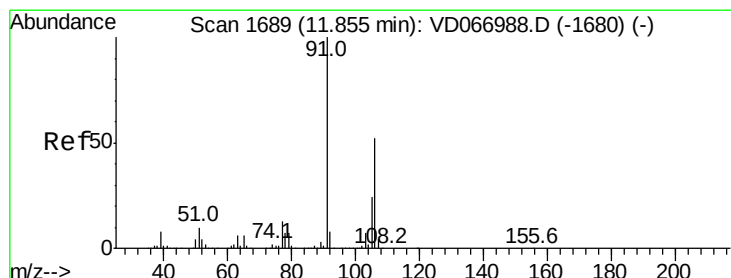
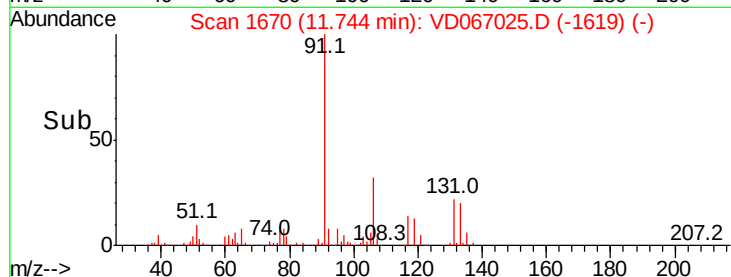
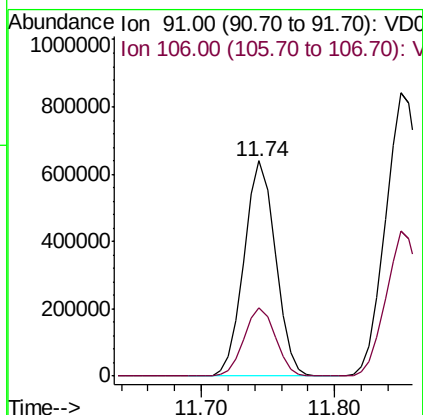
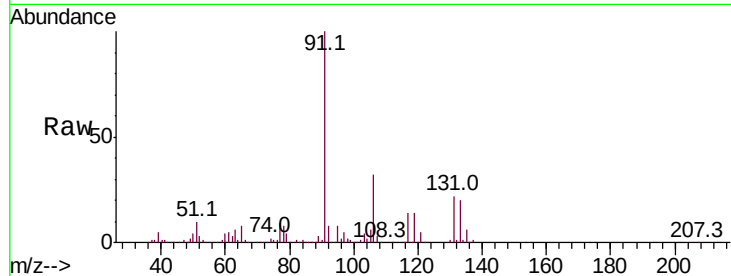




#67
Ethyl Benzene
Concen: 47.394 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

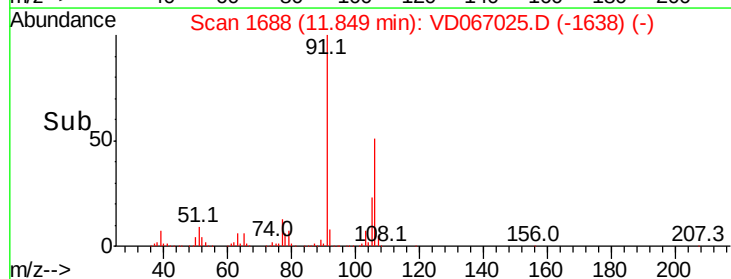
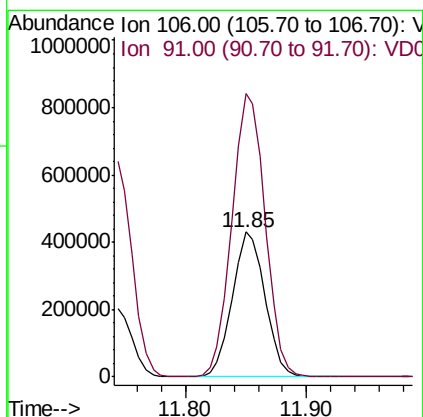
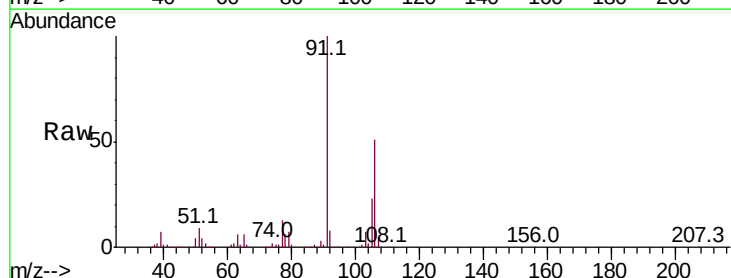
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

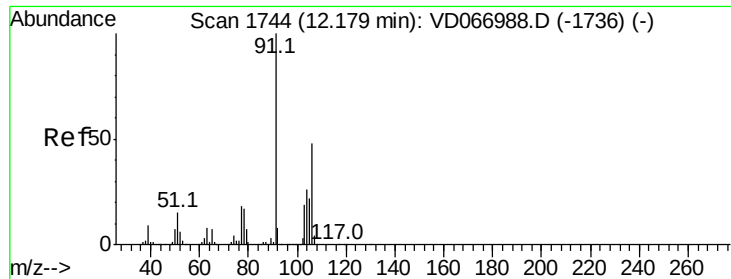
Tot Ion: 91 Resp: 1043310
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2



#68
m/p-Xylenes
Concen: 94.435 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 106 Resp: 810161
Ion Ratio Lower Upper
106 100
91 199.4 158.4 237.6

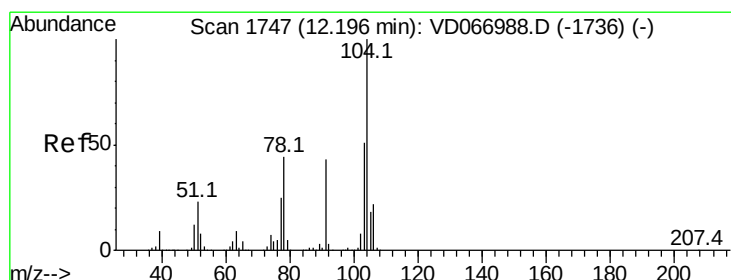
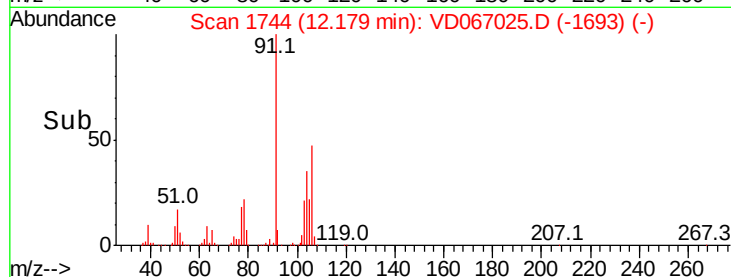
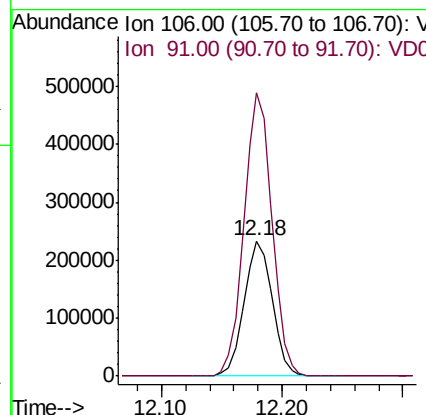
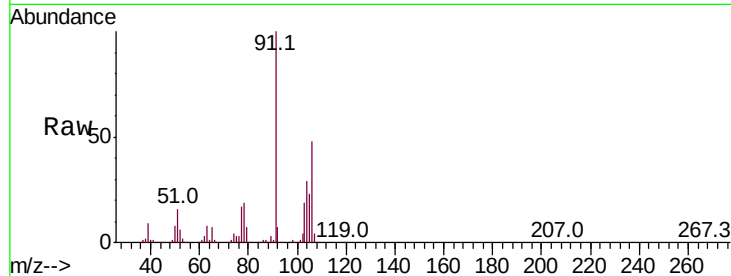




#69
o-Xylene
Concen: 49.731 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

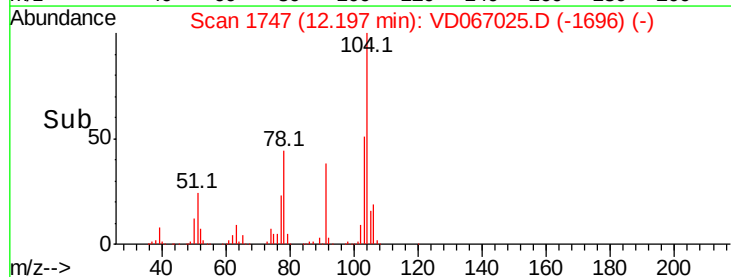
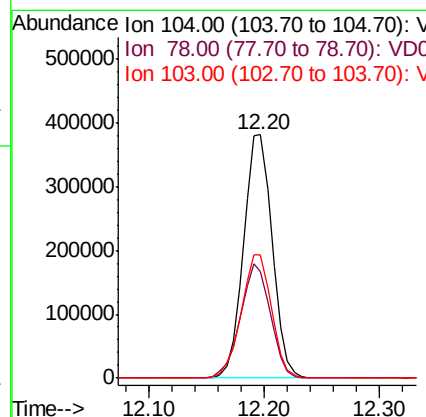
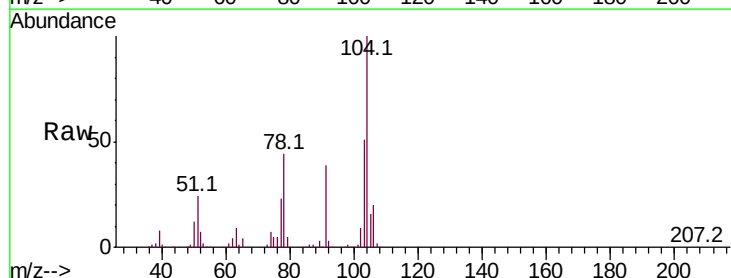
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

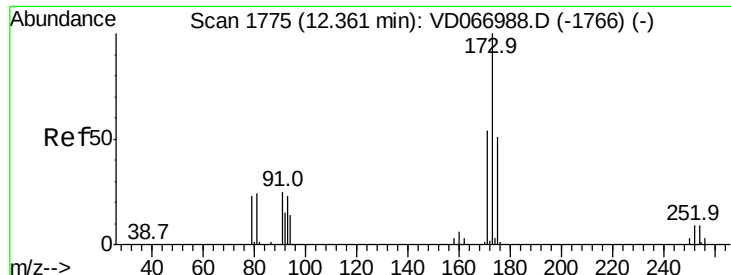
Tot Ion:106 Resp: 381526
Ion Ratio Lower Upper
106 100
91 207.5 102.4 307.2



#70
Styrene
Concen: 49.964 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion:104 Resp: 658210
Ion Ratio Lower Upper
104 100
78 48.9 38.6 58.0
103 53.6 43.4 65.0





#71

Bromoform

Concen: 49.812 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

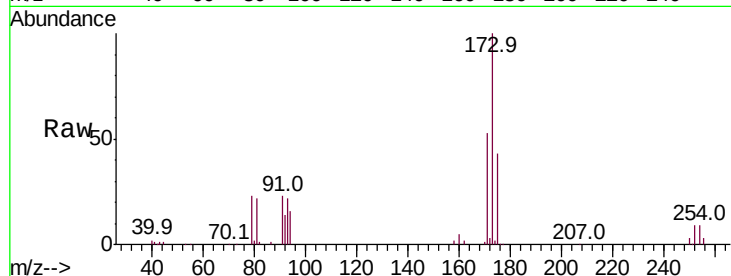
Tot Ion:173 Resp: 126366

Ion Ratio Lower Upper

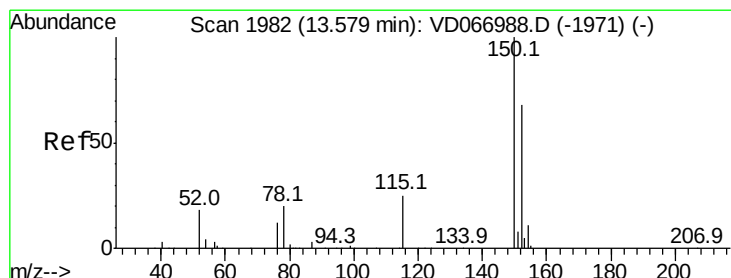
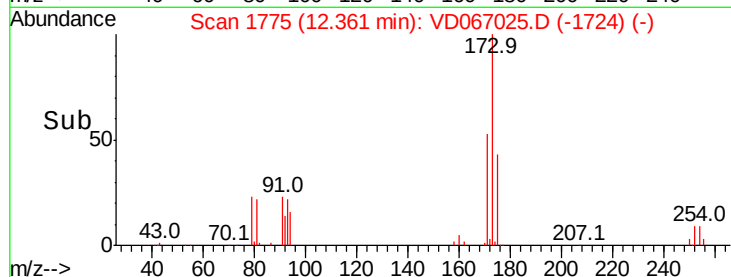
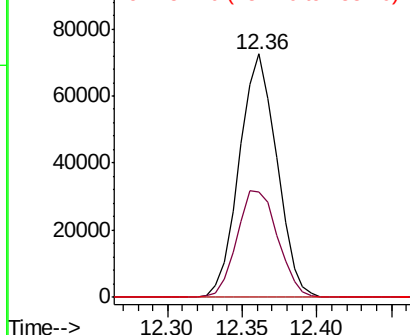
173 100

175 47.7 24.9 74.7

254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

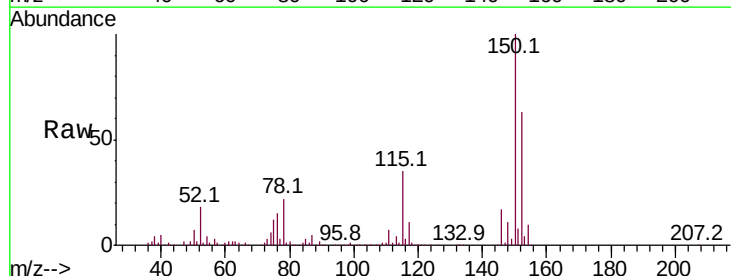
Tgt Ion:152 Resp: 311553

Ion Ratio Lower Upper

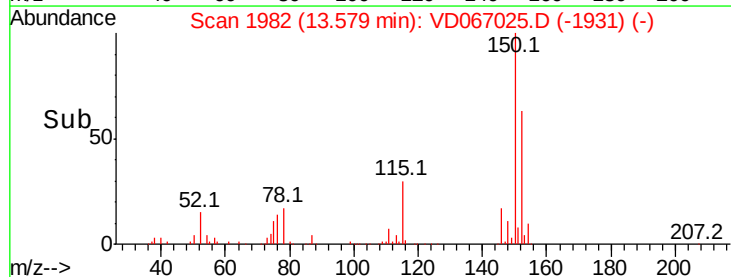
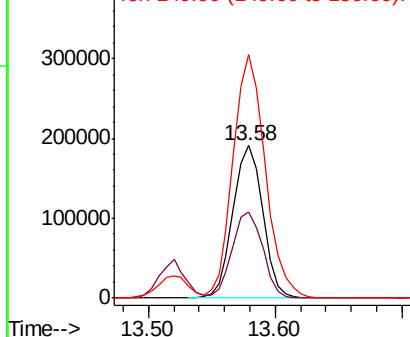
152 100

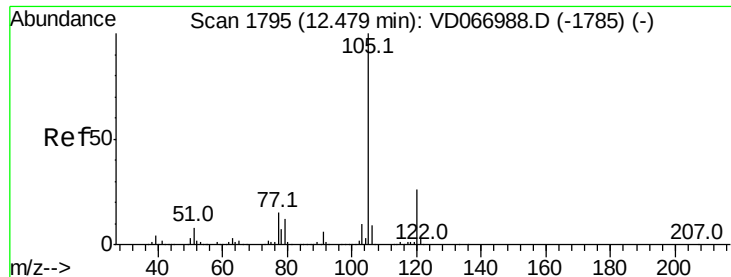
115 57.8 29.6 88.8

150 172.6 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.208 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

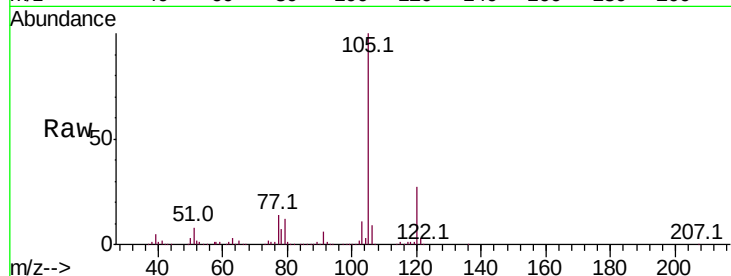
VSTDCCC050EC

Tot Ion:105 Resp: 998678

Ion Ratio Lower Upper

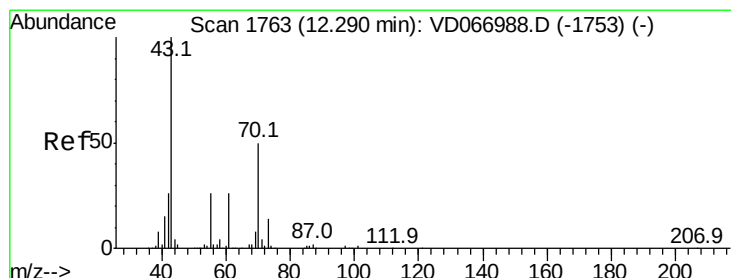
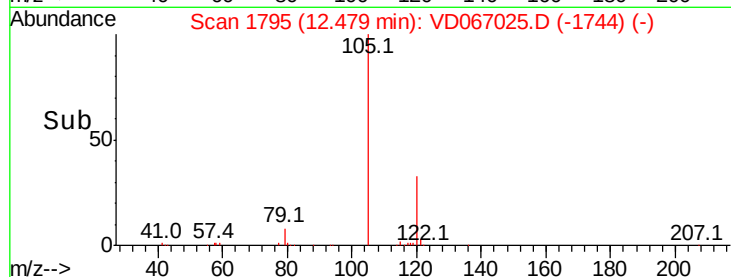
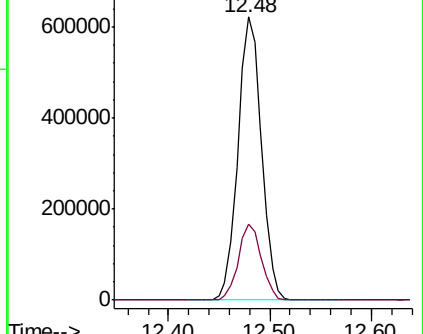
105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.332 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Tgt Ion: 43 Resp: 191410

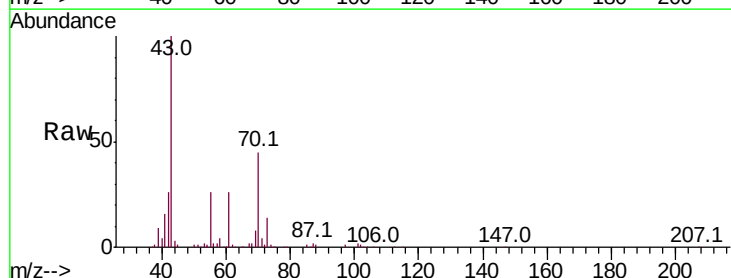
Ion Ratio Lower Upper

43 100

70 48.9 38.2 57.2

55 28.1 22.4 33.6

61 25.7 20.6 31.0

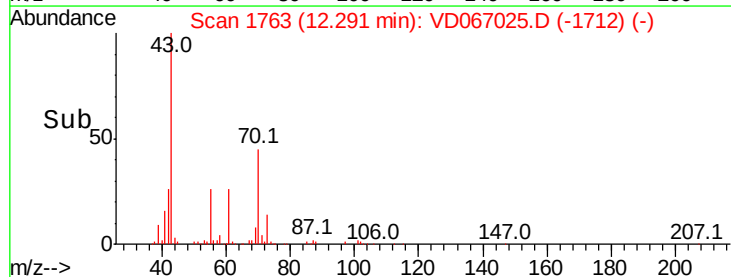
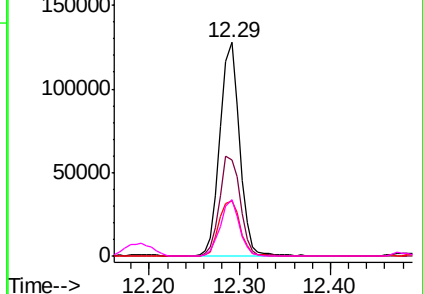


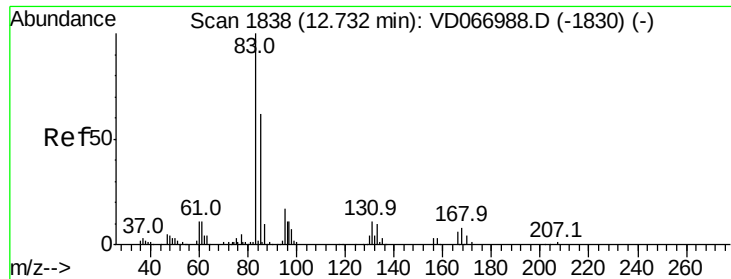
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.789 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

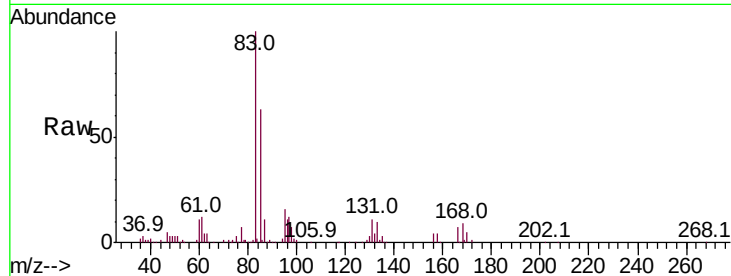
Tot Ion: 83 Resp: 173899

Ion Ratio Lower Upper

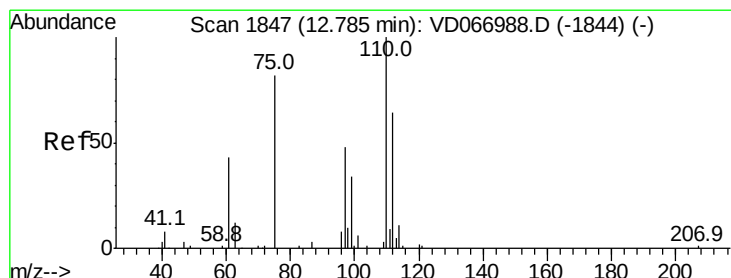
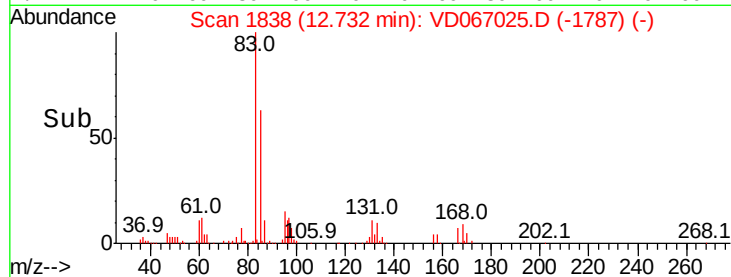
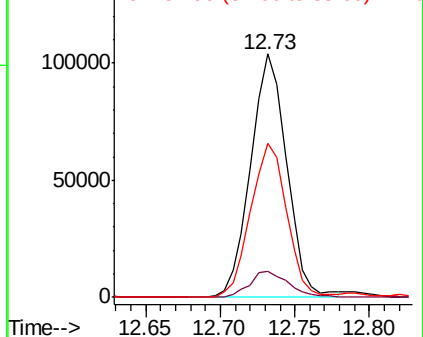
83 100

131 11.6 5.7 17.0

85 63.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 80.439 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067025.D

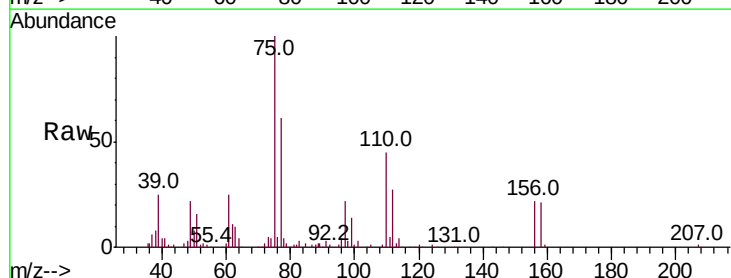
Acq: 02 Oct 2020 07:28

Tgt Ion: 75 Resp: 218290

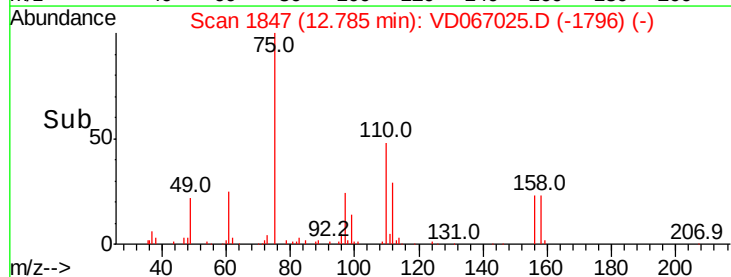
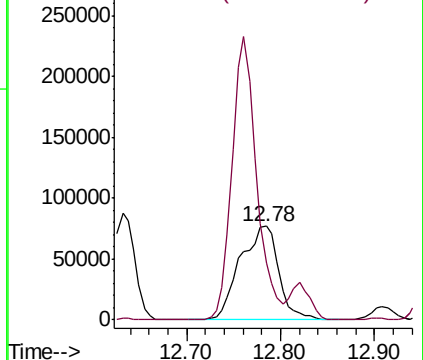
Ion Ratio Lower Upper

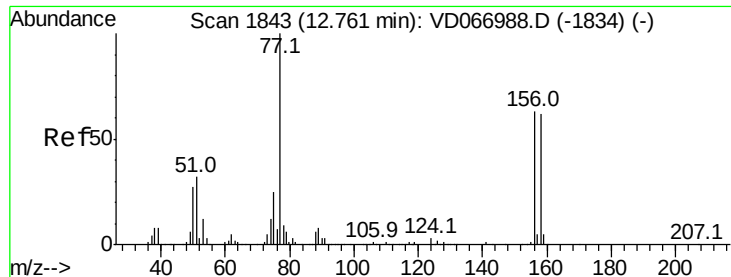
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.602 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

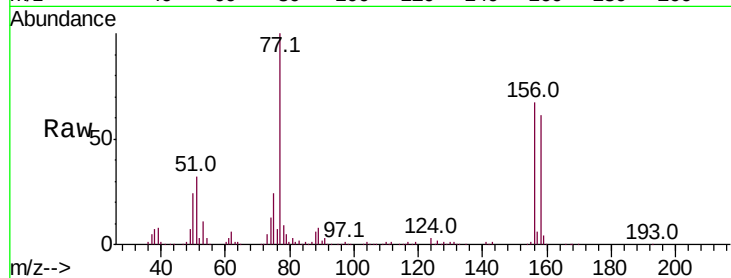
Tot Ion:156 Resp: 253375

Ion Ratio Lower Upper

156 100

77 167.7 86.3 258.8

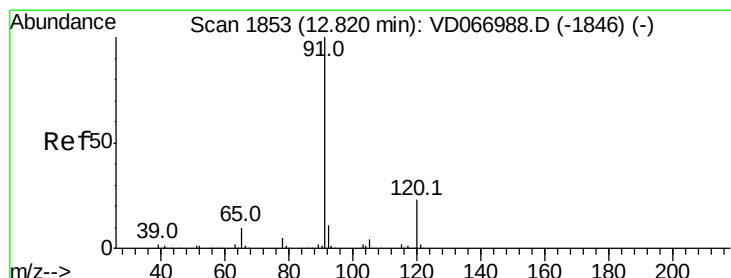
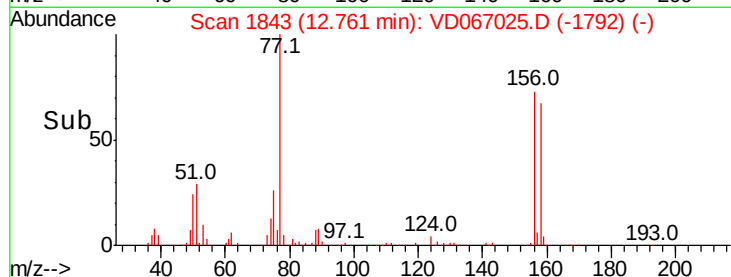
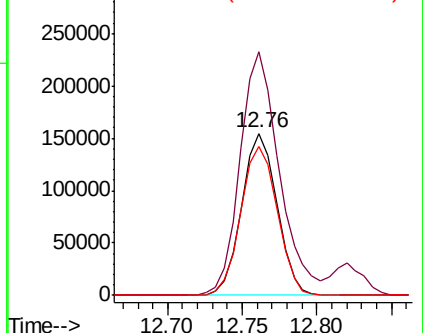
158 95.1 49.5 148.3



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: 46.501 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067025.D

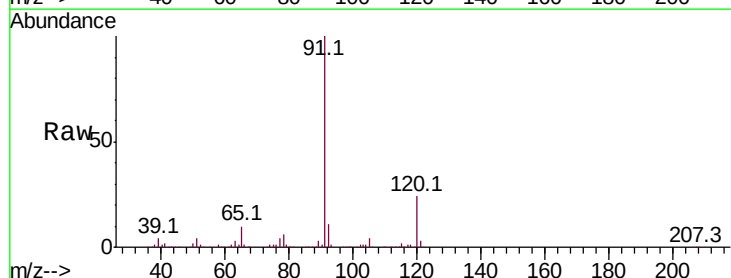
Acq: 02 Oct 2020 07:28

Tgt Ion: 91 Resp: 1162601

Ion Ratio Lower Upper

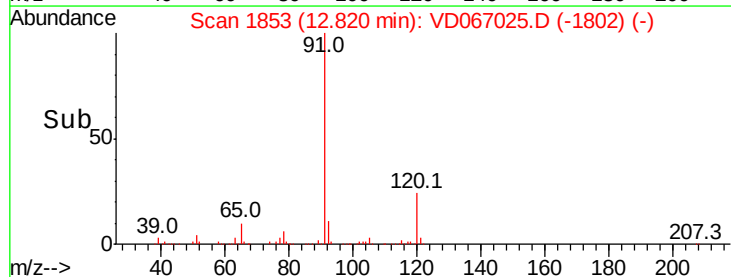
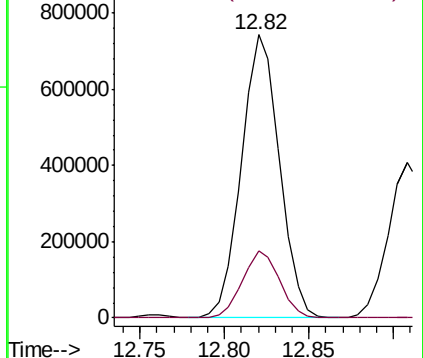
91 100

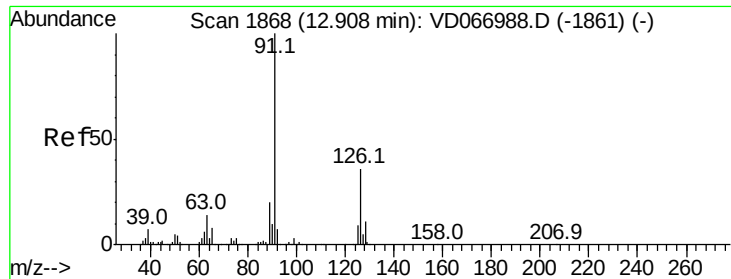
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

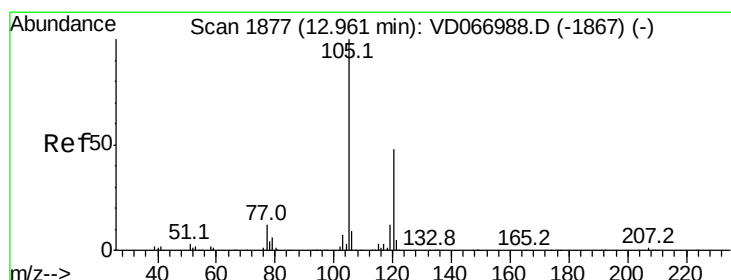
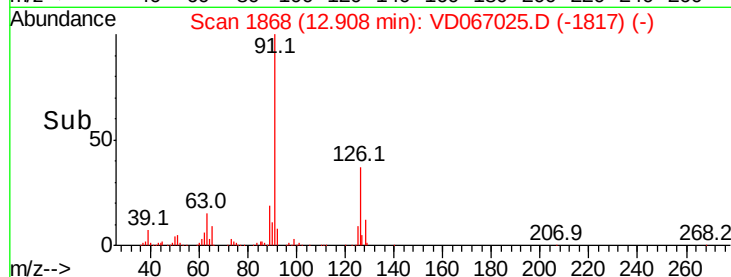
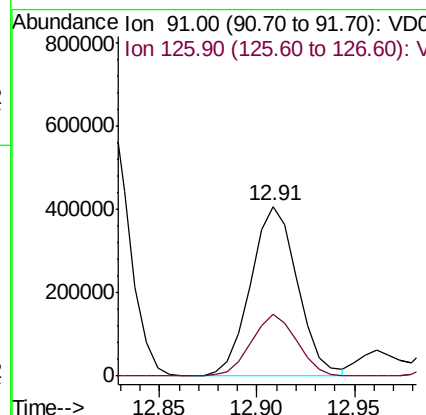
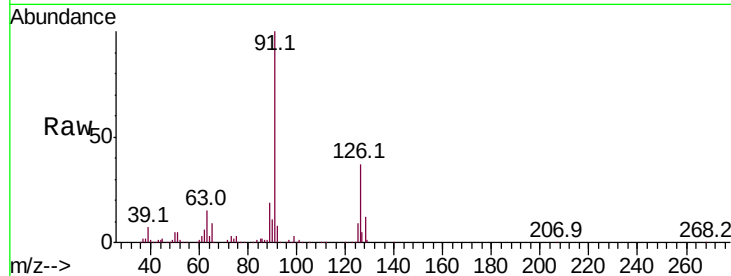




#79
 2-Chlorotoluene
 Concen: 47.427 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

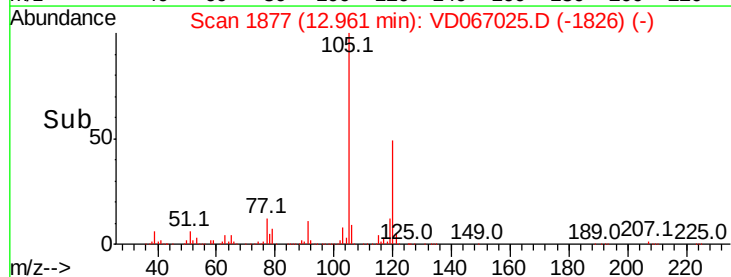
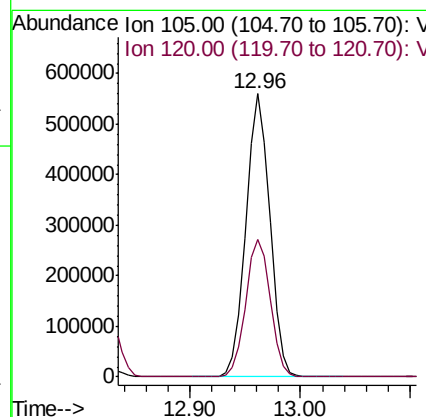
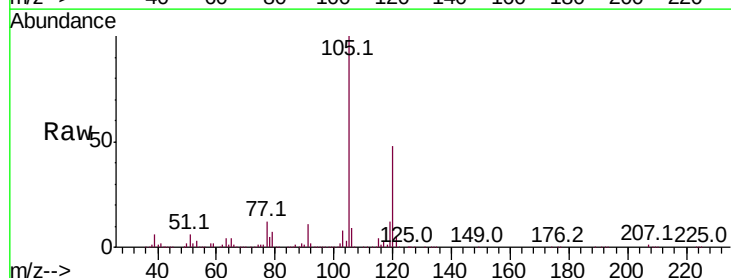
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

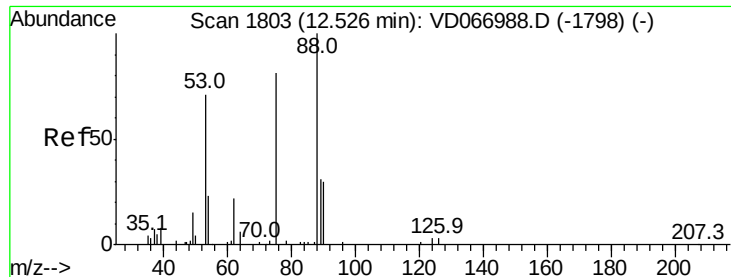
Tot Ion: 91 Resp: 678411
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 47.854 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion: 105 Resp: 855319
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 42.812 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

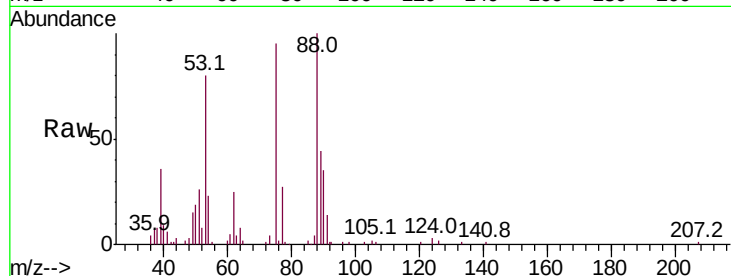
Tot Ion: 75 Resp: 46600

Ion Ratio Lower Upper

75 100

53 93.3 73.8 110.6

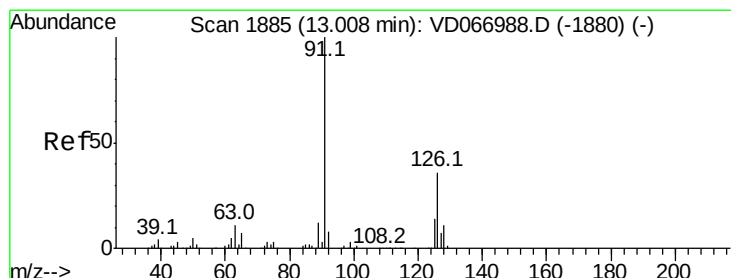
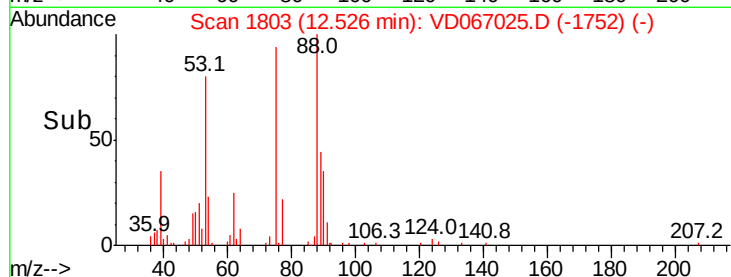
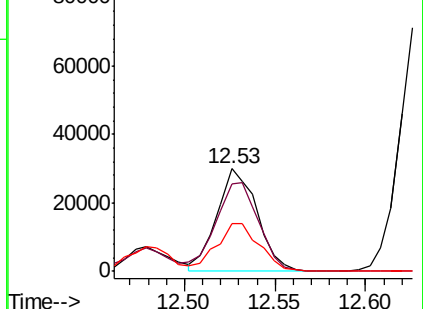
89 49.3 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 46.040 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067025.D

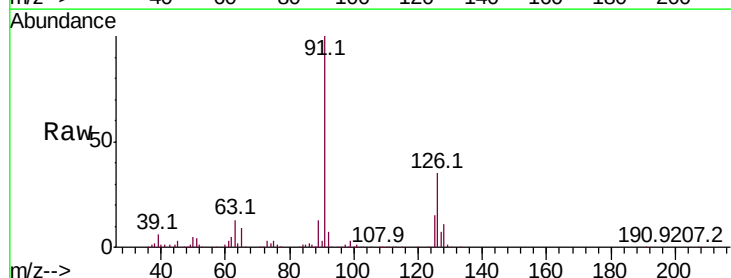
Acq: 02 Oct 2020 07:28

Tgt Ion: 91 Resp: 700690

Ion Ratio Lower Upper

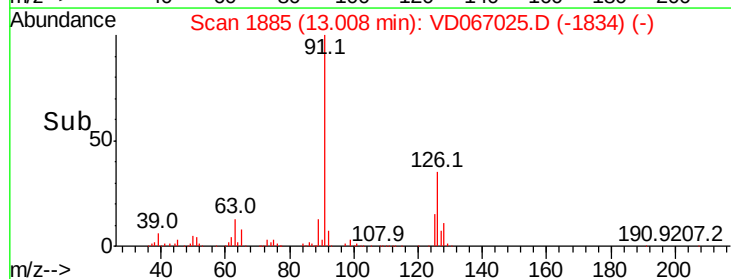
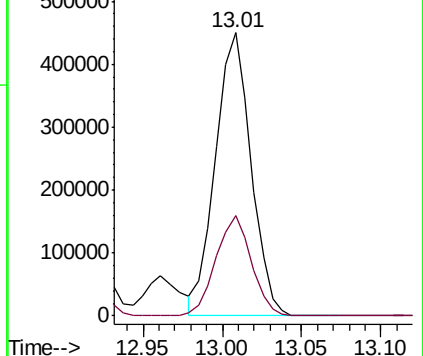
91 100

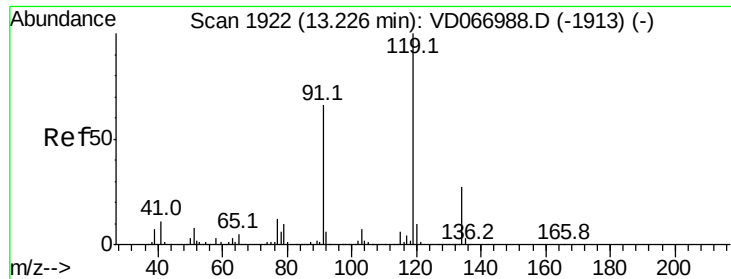
126 35.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

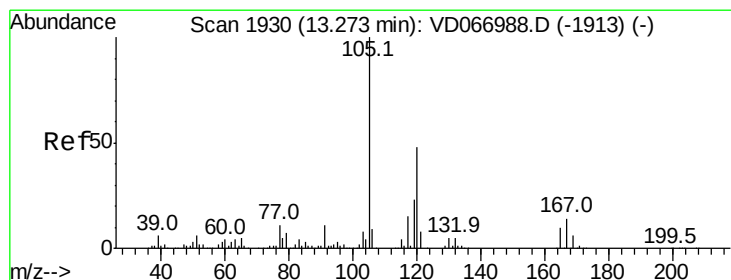
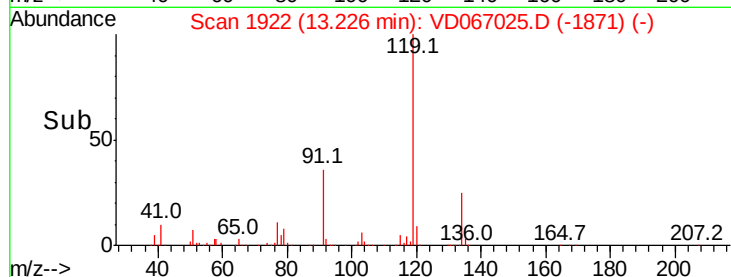
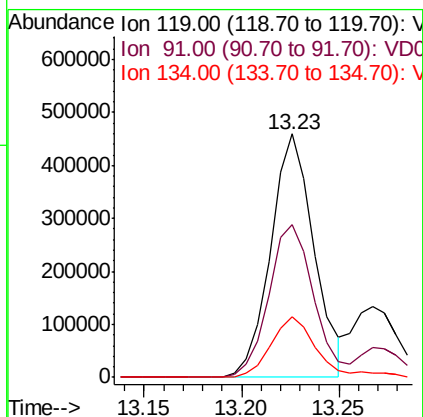
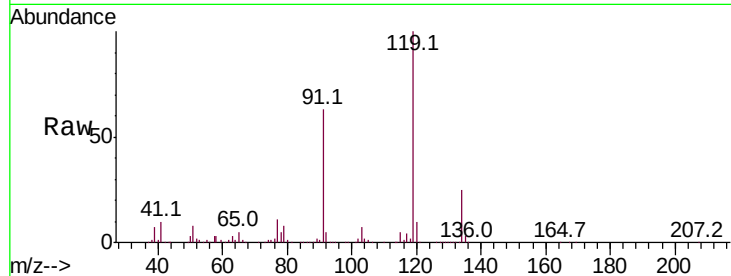




#83
 tert-Butylbenzene
 Concen: 46.906 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

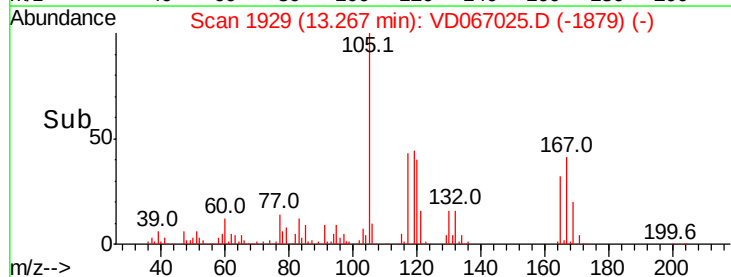
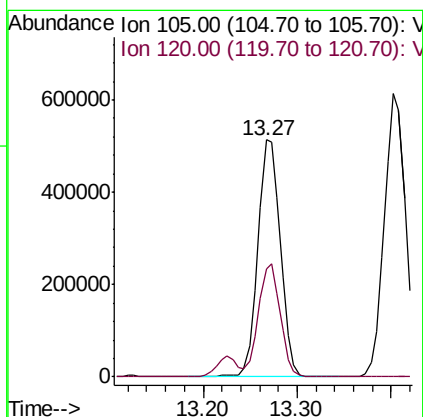
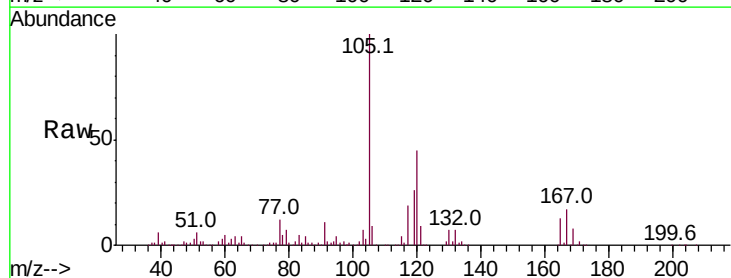
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

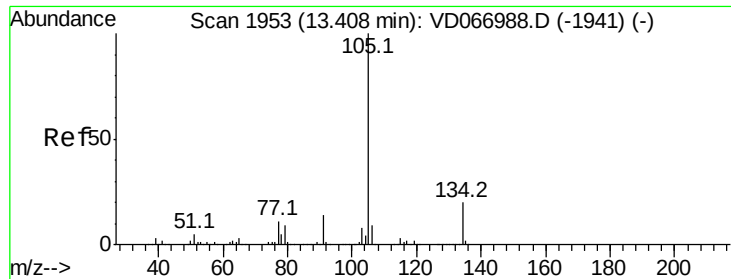
Tot Ion:119 Resp: 705982
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.8 98.3
 134 26.6 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 47.745 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion:105 Resp: 851631
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.8





#85

sec-Butylbenzene

Concen: 45.233 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

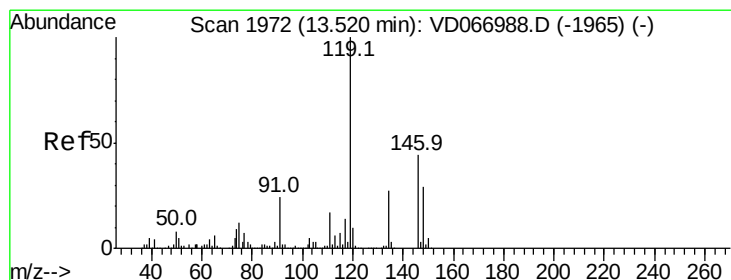
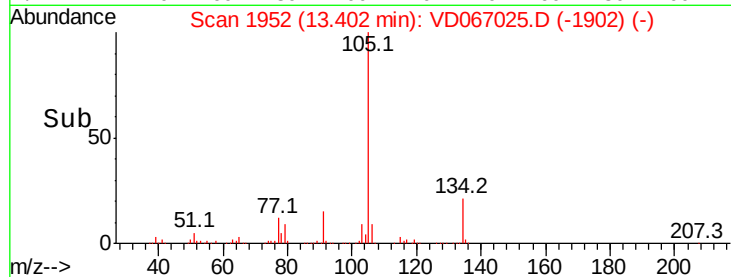
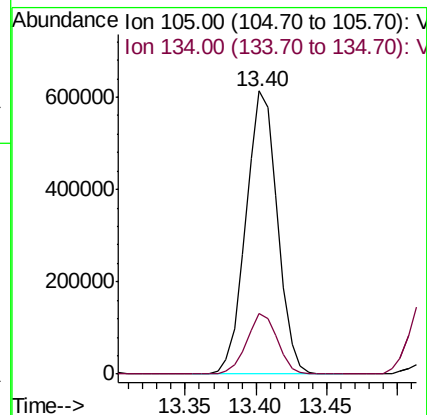
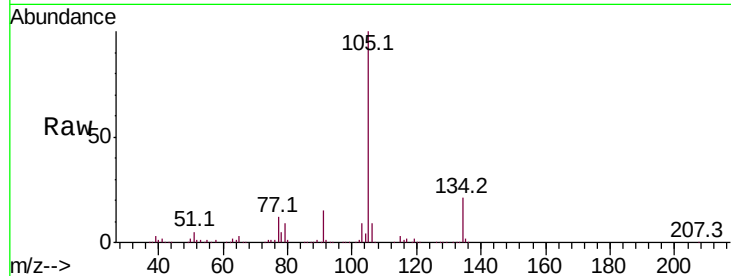
VSTDCCC050EC

Tot Ion:105 Resp: 958753

Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.8



#86

p-Isopropyltoluene

Concen: 45.660 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

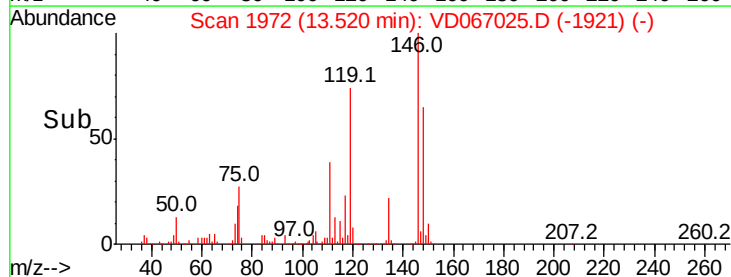
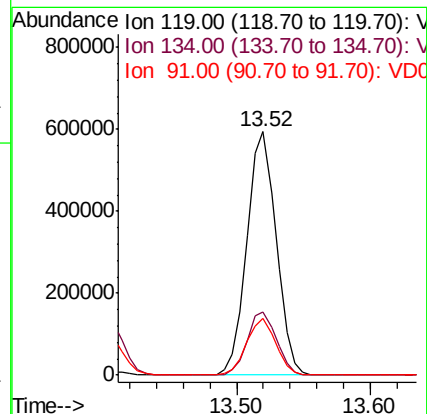
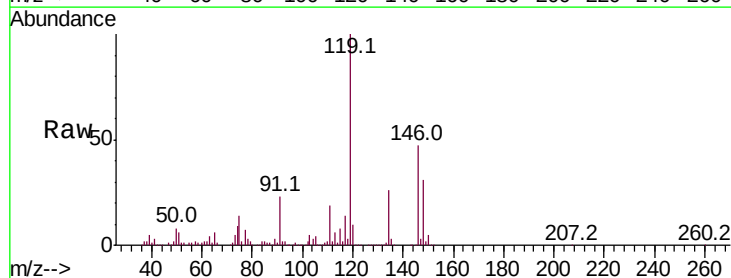
Tgt Ion:119 Resp: 897250

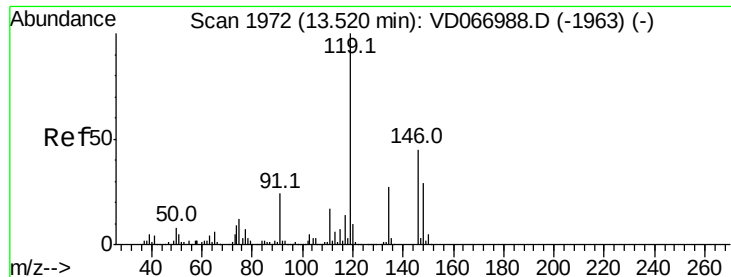
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.0 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 46.774 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

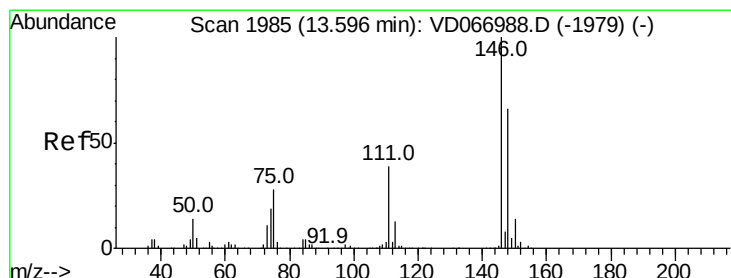
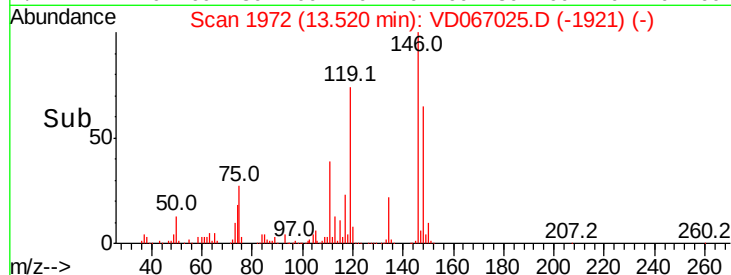
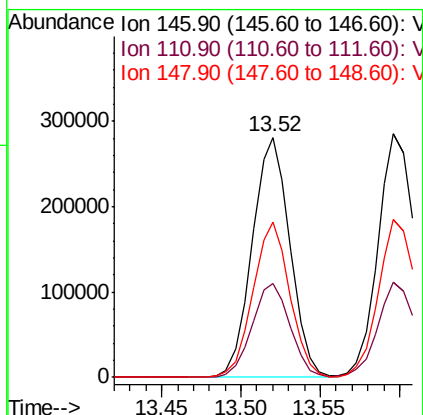
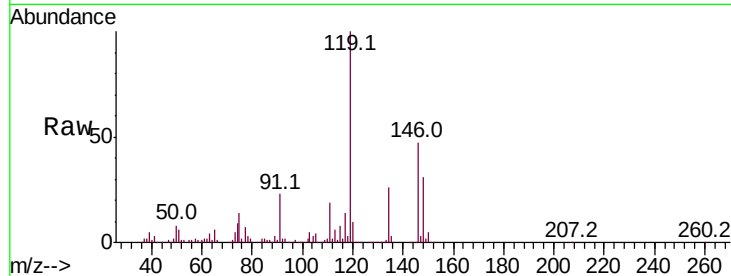
Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 465384

Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	60.0
148	63.2	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 46.316 ug/l

RT: 13.60 min Scan# 1985

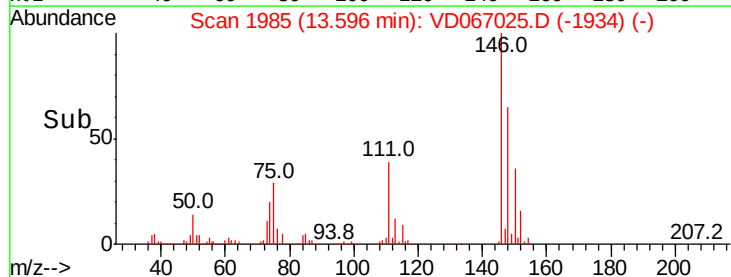
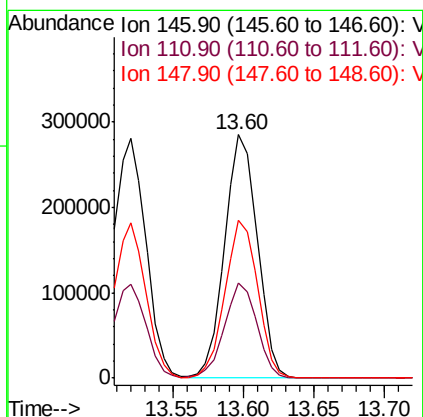
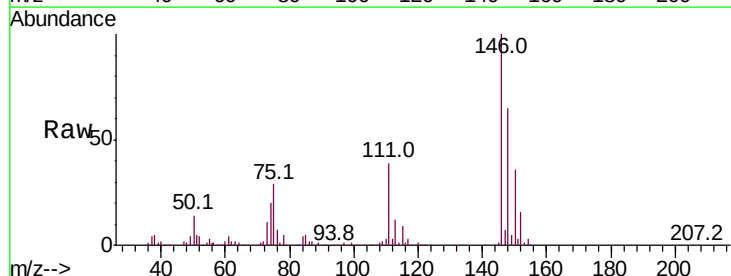
Delta R.T. 0.00 min

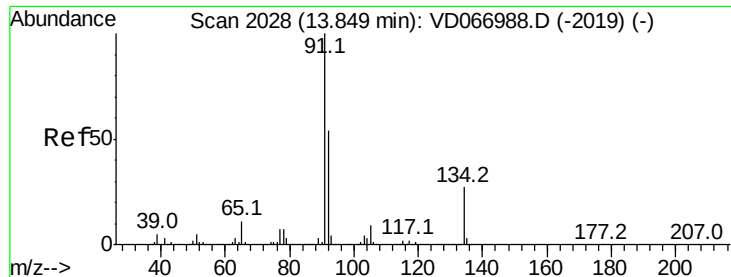
Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Tgt Ion:146 Resp: 460777

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	64.5	32.6	97.7

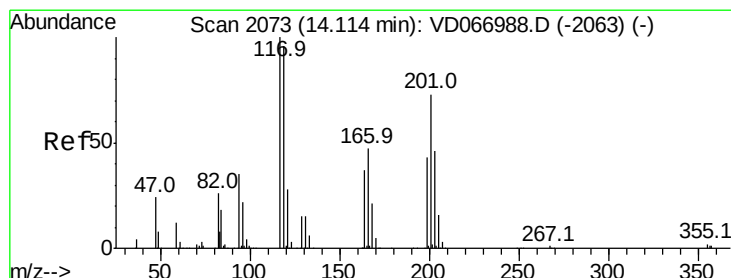
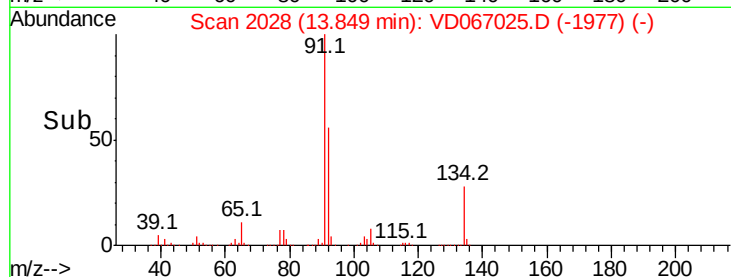
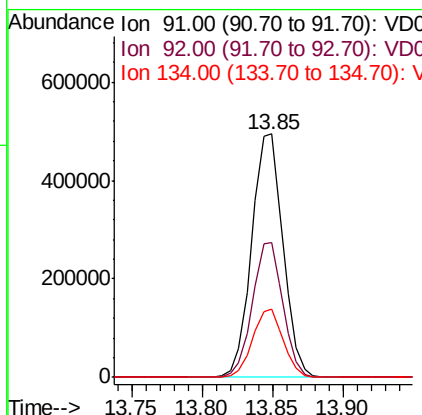
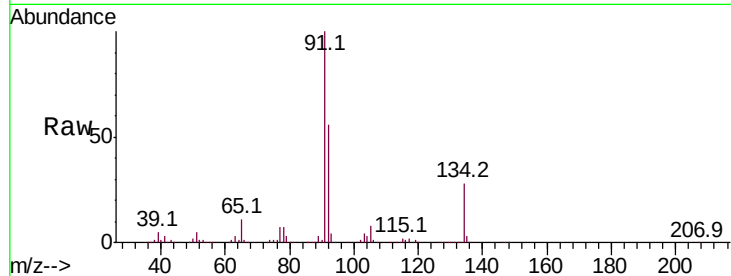




#89
n-Butylbenzene
Concen: 43.094 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

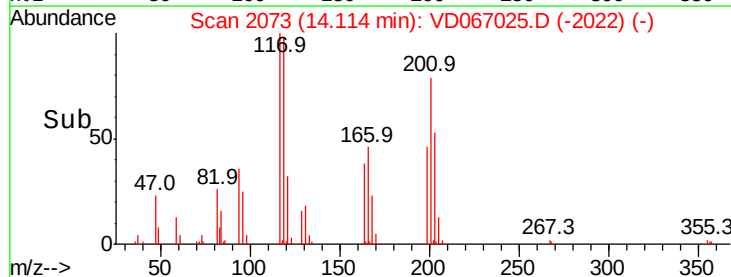
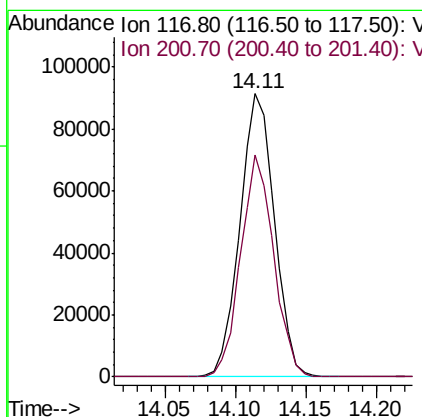
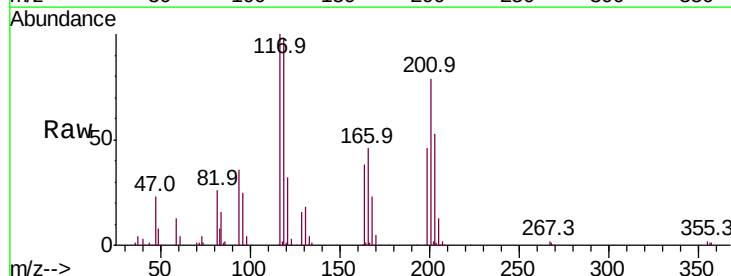
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

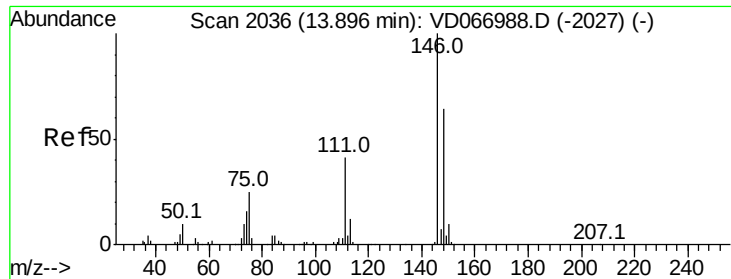
Tot Ion: 91 Resp: 773932
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.2
134 27.6 13.6 40.8



#90
Hexachloroethane
Concen: 45.403 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 117 Resp: 156286
Ion Ratio Lower Upper
117 100
201 75.1 37.0 110.9

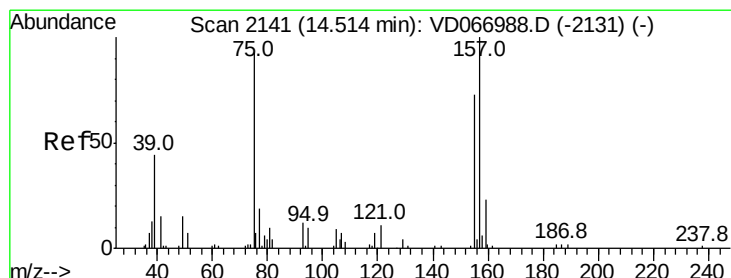
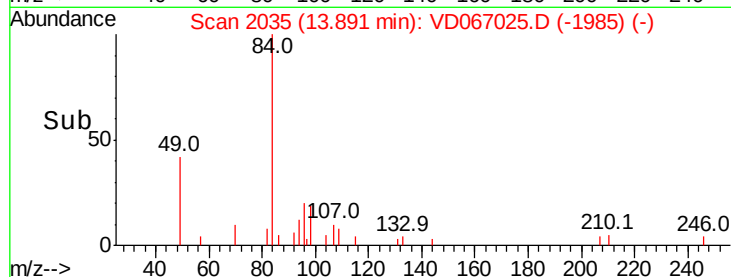
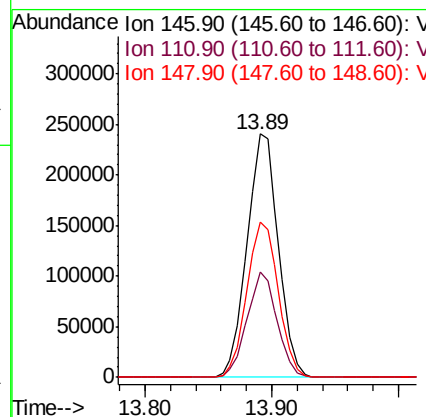
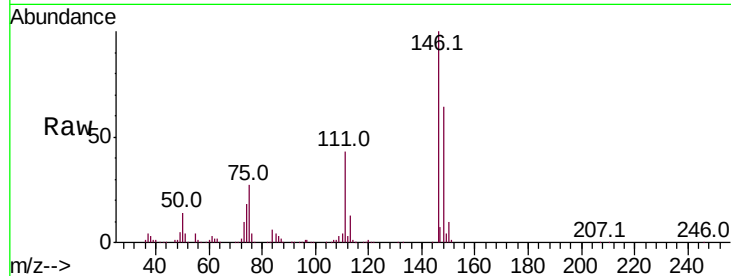




#91
 1,2-Dichlorobenzene
 Concen: 47.522 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

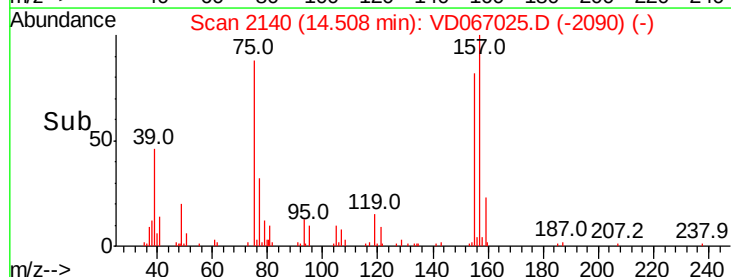
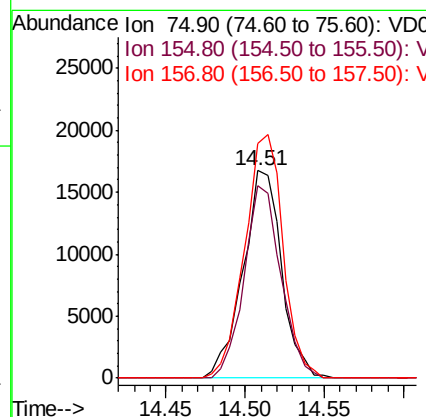
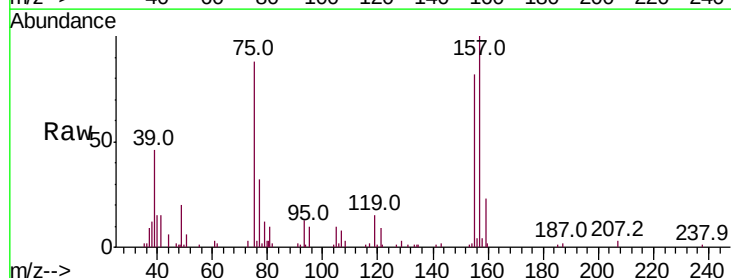
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

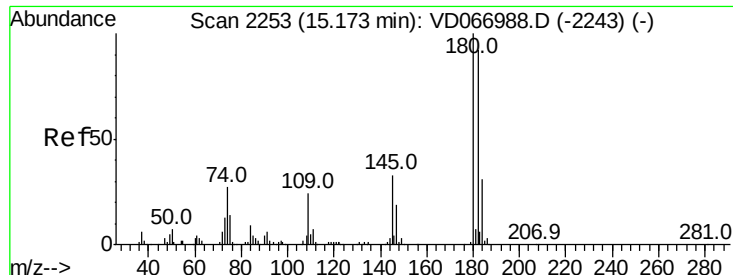
Tot Ion:146 Resp: 412940
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.7
 148 63.9 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.151 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion: 75 Resp: 28240
 Ion Ratio Lower Upper
 75 100
 155 88.4 45.2 135.6
 157 116.7 56.3 168.8

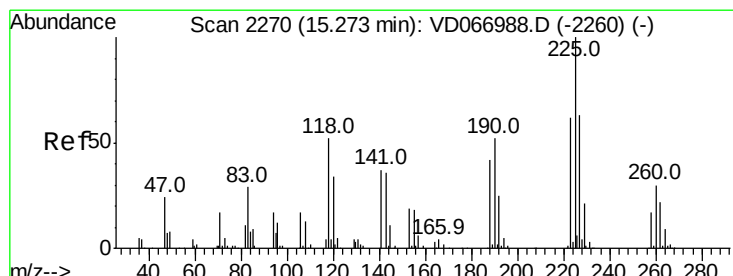
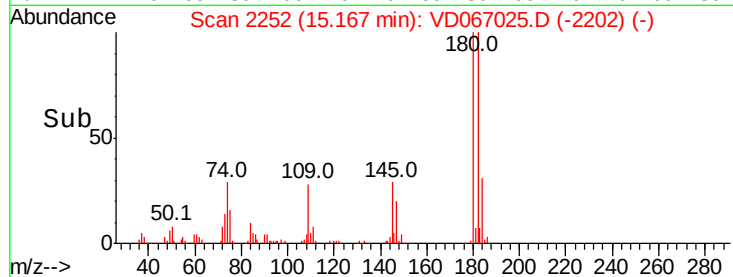
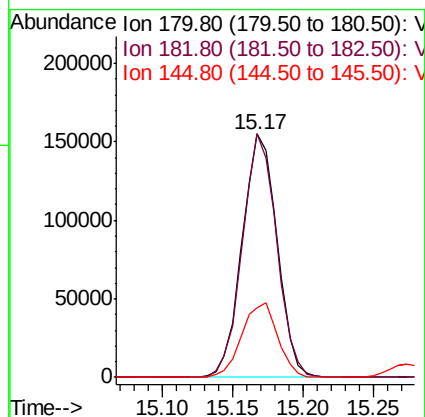
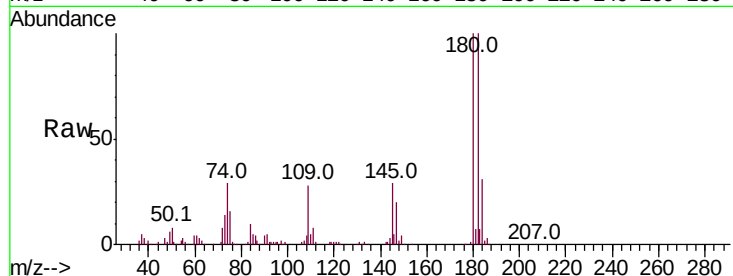




#93
 1,2,4-Trichlorobenzene
 Concen: 48.008 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

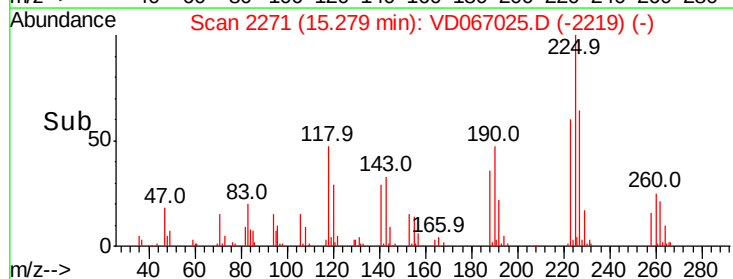
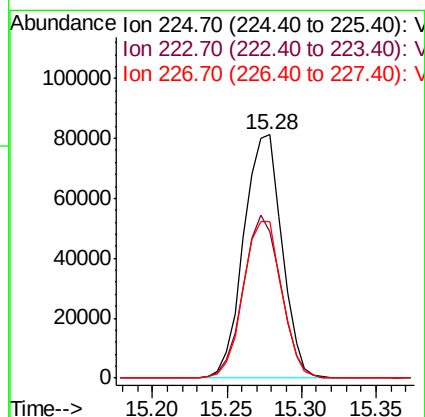
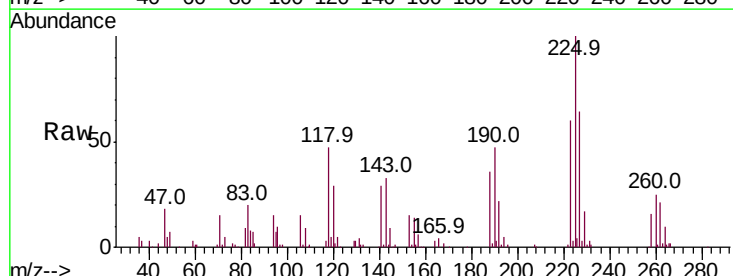
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

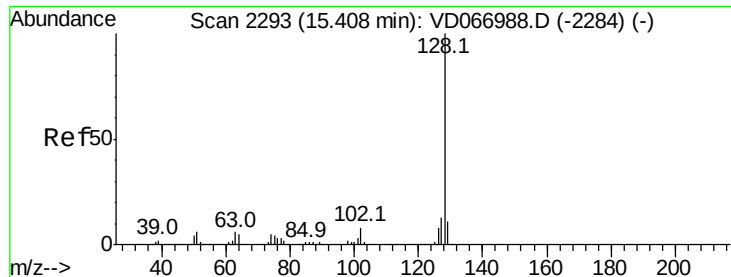
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.3	142.0
145	31.4	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 41.779 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	32.4	97.0
227	65.1	31.6	95.0





#95

Naphthalene

Concen: 53.668 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

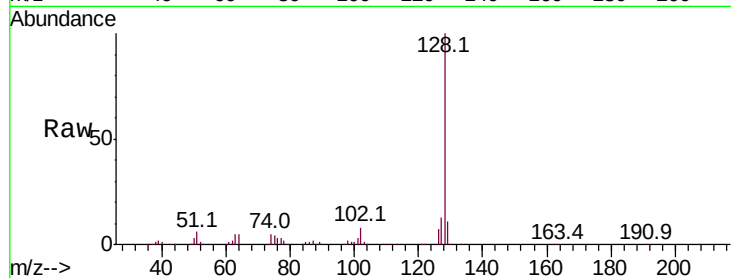
Tot Ion:128 Resp: 503136

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

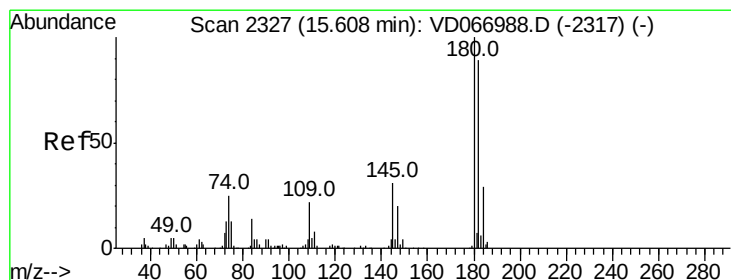
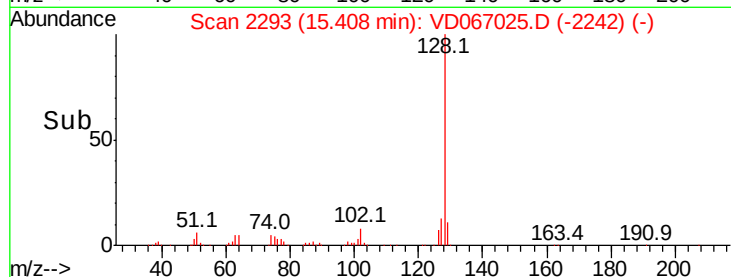
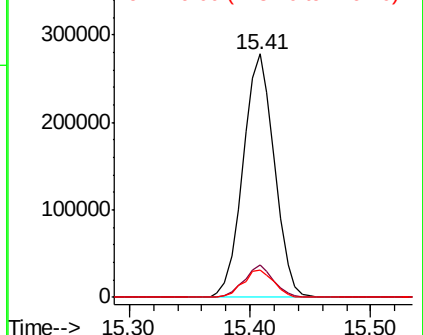
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.518 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

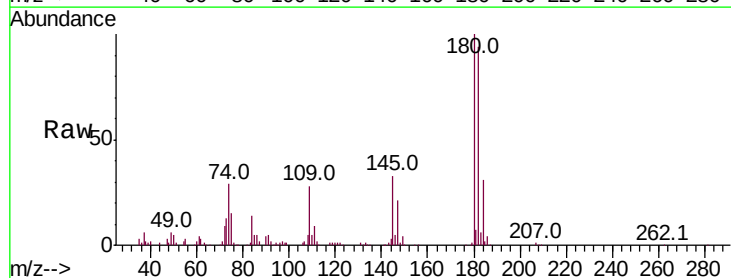
Tgt Ion:180 Resp: 246486

Ion Ratio Lower Upper

180 100

182 93.8 46.4 139.1

145 33.2 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

