

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067027.D
 Acq On : 02 Oct 2020 11:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 03 04:47:00 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	469450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	709071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	664042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	211757	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.91	113	229928	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.34	98	858868	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.63	95	294652	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	185957	49.117	ug/l	100
3) Chloromethane	2.20	50	160602	42.958	ug/l	100
4) Vinyl Chloride	2.35	62	161021	42.954	ug/l	97
5) Bromomethane	2.77	94	110957	45.533	ug/l	100
6) Chloroethane	2.92	64	97674	42.784	ug/l	98
7) Trichlorofluoromethane	3.27	101	378009	45.387	ug/l	99
8) Diethyl Ether	3.70	74	96607	46.776	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	212621	45.166	ug/l	100
10) Methyl Iodide	4.30	142	187248	40.937	ug/l	100
11) Tert butyl alcohol	5.21	59	59072	216.377	ug/l #	72
12) 1,1-Dichloroethene	4.06	96	195975	44.284	ug/l	95
13) Acrolein	3.92	56	70734	233.620	ug/l	92
14) Allyl chloride	4.71	41	260647	45.338	ug/l	97
15) Acrylonitrile	5.42	53	174094	229.031	ug/l	96
16) Acetone	4.15	43	171725	248.789	ug/l	99
17) Carbon Disulfide	4.40	76	618986	45.577	ug/l	98
18) Methyl Acetate	4.72	43	79087	45.588	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	380310	47.076	ug/l	97
20) Methylene Chloride	4.96	84	235024	47.639	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	232465	46.158	ug/l	99
22) Diisopropyl ether	6.36	45	505702	48.182	ug/l	98
23) Vinyl Acetate	6.30	43	1477644	248.450	ug/l	99
24) 1,1-Dichloroethane	6.27	63	370955	45.797	ug/l	99
25) 2-Butanone	7.21	43	220134	224.946	ug/l	97
26) 2,2-Dichloropropane	7.20	77	336176	48.405	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	249402	46.368	ug/l	99
28) Bromochloromethane	7.54	49	157099	50.222	ug/l	100
29) Tetrahydrofuran	7.56	42	133794	237.776	ug/l	100
30) Chloroform	7.71	83	414583	47.183	ug/l	96
31) Cyclohexane	7.98	56	298628	43.976	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	384783	47.252	ug/l	97
36) 1,1-Dichloropropene	8.11	75	315526	47.740	ug/l	98
37) Ethyl Acetate	7.28	43	104701	45.728	ug/l	98
38) Carbon Tetrachloride	8.09	117	349603	48.887	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	341172	48.825	ug/l	99
40) Benzene	8.34	78	880523	47.965	ug/l	99
41) Methacrylonitrile	7.53	41	56880	45.983	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	243251	47.420	ug/l	98
43) Isopropyl Acetate	8.45	43	203178	48.169	ug/l	99
44) Trichloroethene	9.11	130	262825	47.945	ug/l	99
45) 1,2-Dichloropropane	9.38	63	215732	50.015	ug/l	99
46) Dibromomethane	9.47	93	118349	47.738	ug/l	95
47) Bromodichloromethane	9.66	83	315127	48.900	ug/l	99
48) Methyl methacrylate	9.45	41	108157	50.051	ug/l	96
49) 1,4-Dioxane	9.46	88	26278	1015.611	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	519101	247.074	ug/l	99
52) Toluene	10.40	92	597752	50.547	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	279026	48.446	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	341890	48.612	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	164346	47.682	ug/l	95
56) Ethyl methacrylate	10.66	69	182793	51.368	ug/l	97
57) 1,3-Dichloropropane	10.94	76	273576	48.947	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	524022	264.575	ug/l	99
59) 2-Hexanone	10.98	43	355437	253.469	ug/l	98
60) Dibromochloromethane	11.14	129	225032	48.985	ug/l	97
61) 1,2-Dibromoethane	11.24	107	163064	49.244	ug/l	98
64) Tetrachloroethene	10.87	164	226846	46.989	ug/l	92
65) Chlorobenzene	11.67	112	625832	47.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	235236	46.825	ug/l	98
67) Ethyl Benzene	11.74	91	1111099	49.101	ug/l	99
68) m/p-Xylenes	11.85	106	858412	97.339	ug/l	99
69) o-Xylene	12.18	106	386632	49.026	ug/l	95
70) Styrene	12.20	104	677541	50.033	ug/l	100
71) Bromoform	12.36	173	124842	47.874	ug/l #	99
73) Isopropylbenzene	12.48	105	1086383	50.118	ug/l	100
74) N-amyl acetate	12.29	43	190337	48.845	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	171981	47.090	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	225664	81.155	ug/l #	100
77) Bromobenzene	12.76	156	257177	49.135	ug/l	97
78) n-propylbenzene	12.82	91	1271062	49.616	ug/l	99
79) 2-Chlorotoluene	12.91	91	709958	48.437	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	928190	50.681	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52530	47.098	ug/l	98
82) 4-Chlorotoluene	13.01	91	747817	47.954	ug/l	99
83) tert-Butylbenzene	13.23	119	761773	49.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	912106	49.905	ug/l	99
85) sec-Butylbenzene	13.40	105	1080377	49.744	ug/l	100
86) p-Isopropyltoluene	13.52	119	999314	49.630	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	479503	47.033	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	481215	47.206	ug/l	100
89) n-Butylbenzene	13.85	91	902851	49.062	ug/l	100
90) Hexachloroethane	14.12	117	169782	48.137	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	422110	47.408	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27461	46.645	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

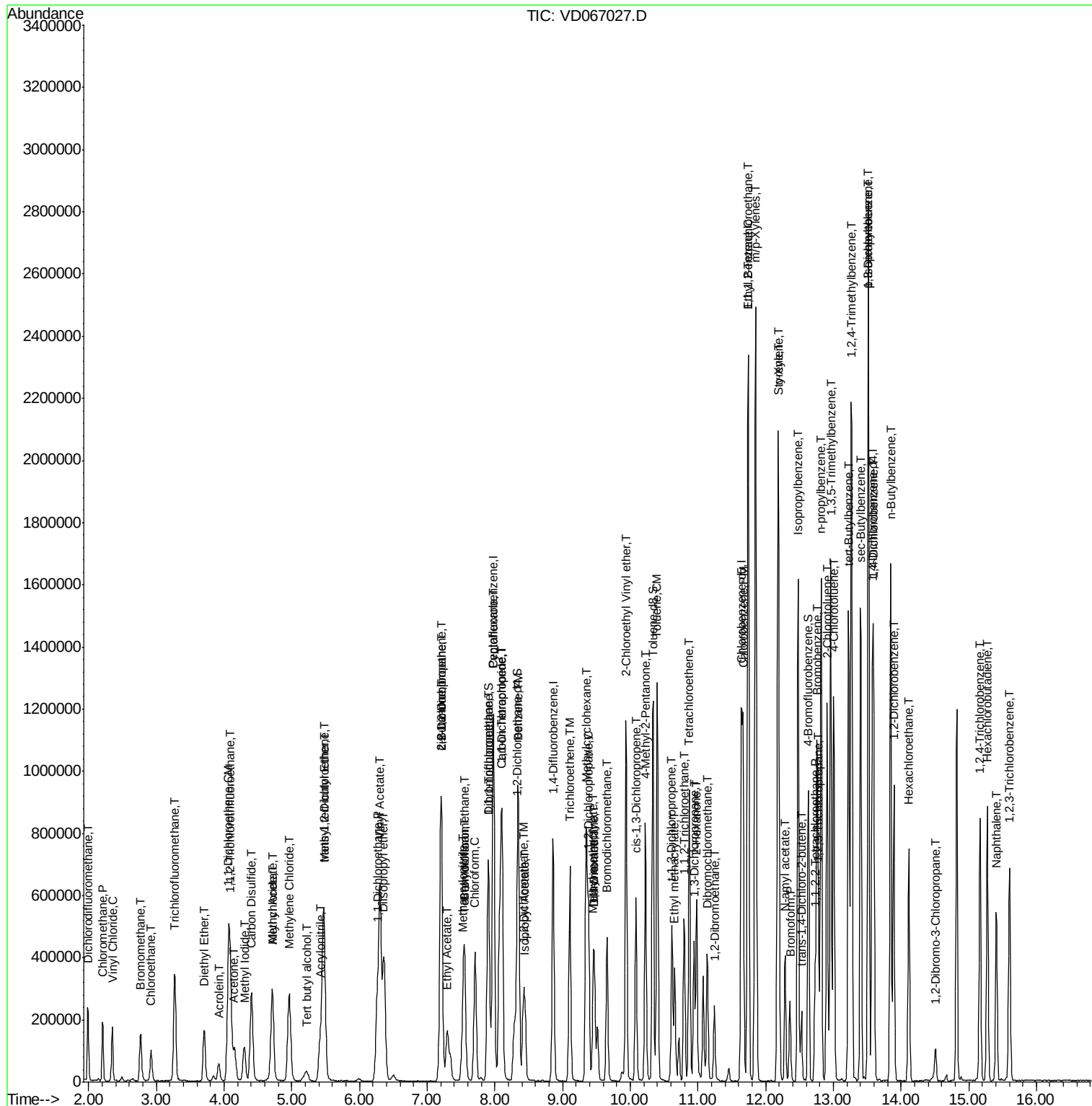
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	287604	49.938	ug/l	98
94) Hexachlorobutadiene	15.28	225	171751	48.559	ug/l	99
95) Naphthalene	15.41	128	480065	49.974	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	250808	50.166	ug/l	99

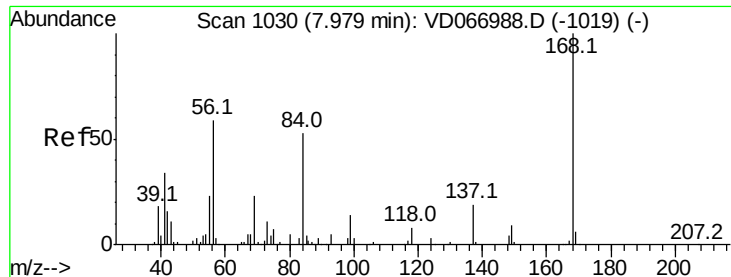
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

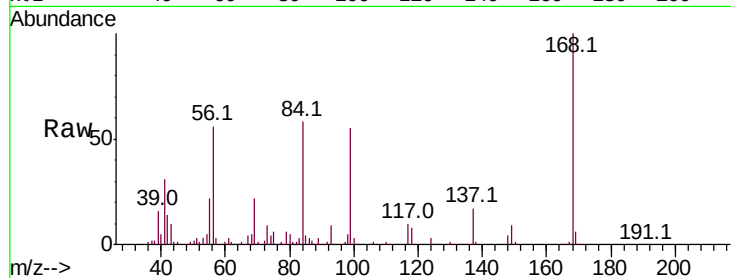
VSTDCCC050

Tot Ion:168 Resp: 469450

Ion Ratio Lower Upper

168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

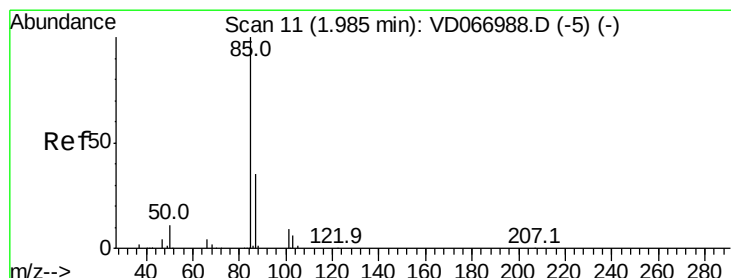
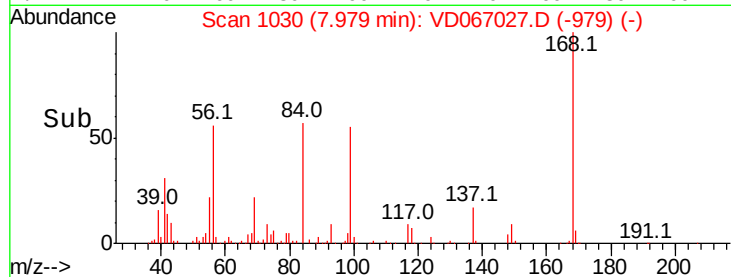
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.117 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067027.D

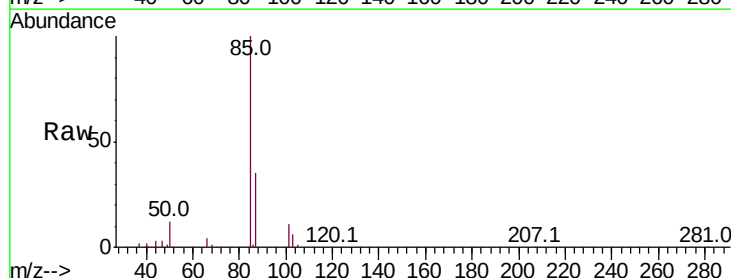
Acq: 02 Oct 2020 11:18

Tgt Ion: 85 Resp: 185957

Ion Ratio Lower Upper

85 100

87 34.6 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

150000

100000

50000

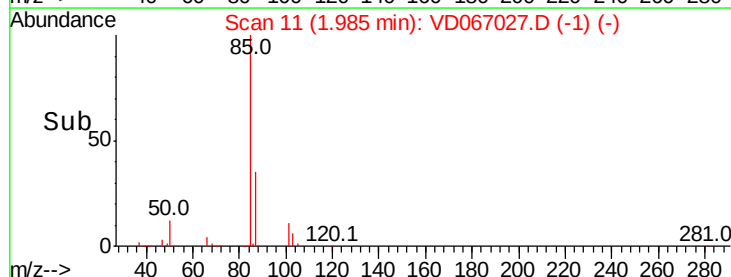
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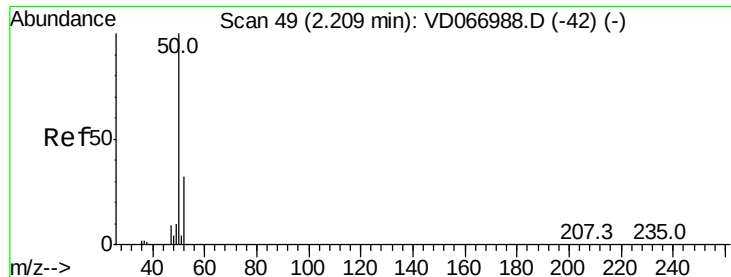
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 42.958 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

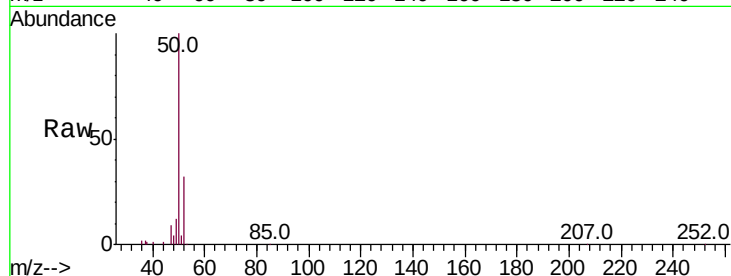
VSTDCCC050

Tot Ion: 50 Resp: 160602

Ion Ratio Lower Upper

50 100

52 31.6 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

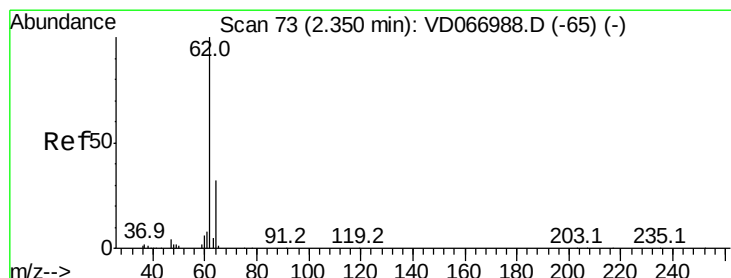
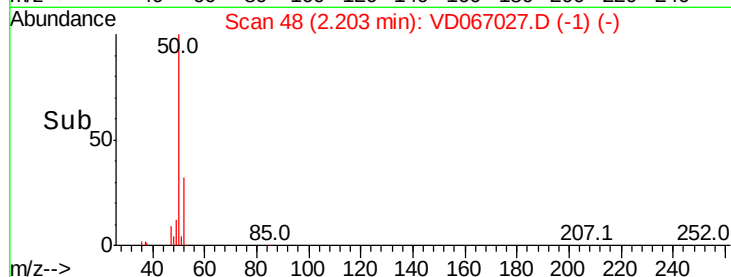
100000

50000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 42.954 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067027.D

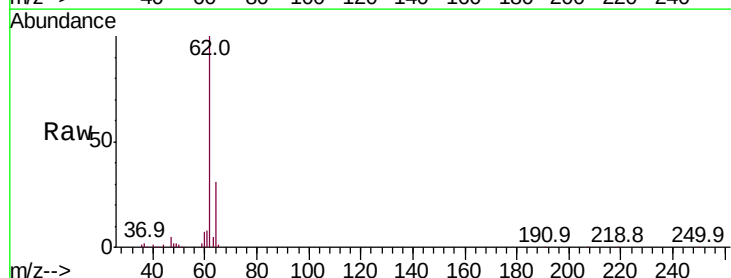
Acq: 02 Oct 2020 11:18

Tgt Ion: 62 Resp: 161021

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

120000

100000

80000

60000

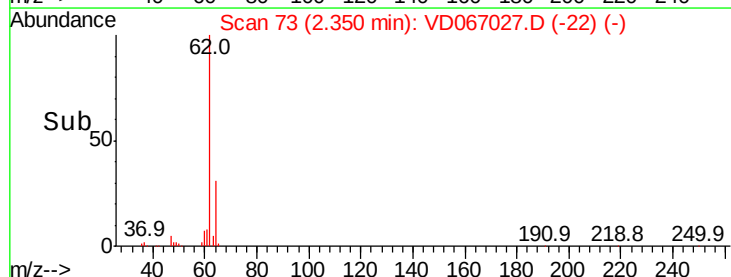
40000

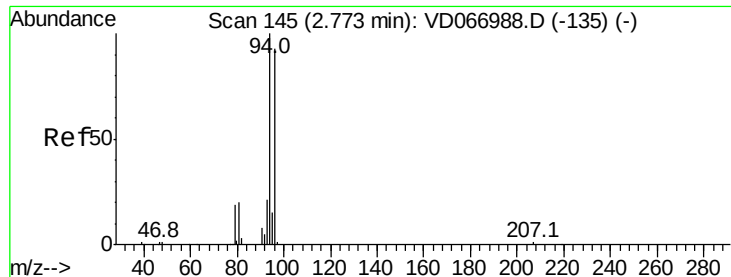
20000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 45.533 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

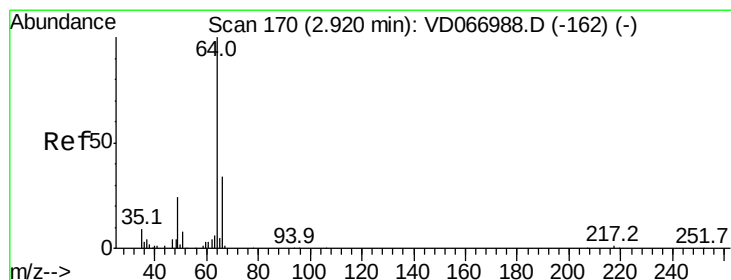
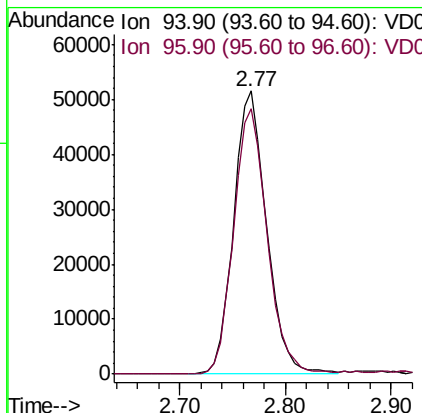
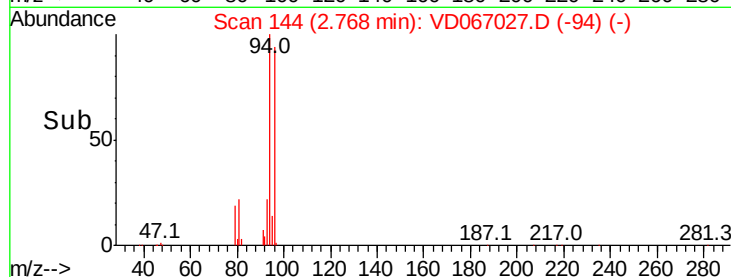
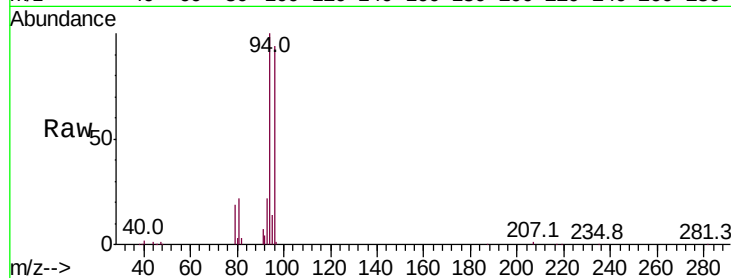
VSTDCCC050

Tot Ion: 94 Resp: 110957

Ion Ratio Lower Upper

94 100

96 93.7 74.6 112.0



#6

Chloroethane

Concen: 42.784 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067027.D

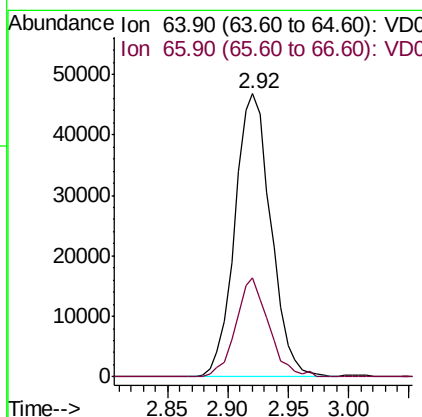
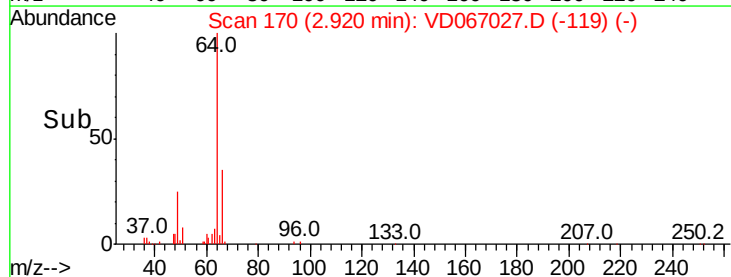
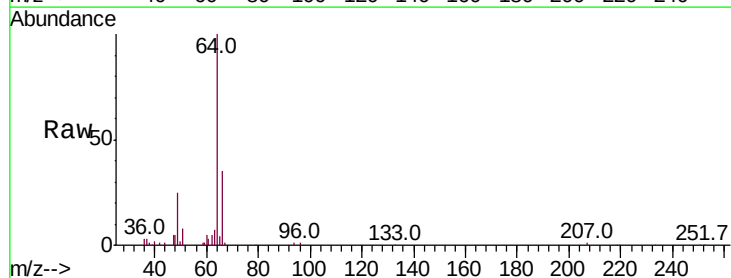
Acq: 02 Oct 2020 11:18

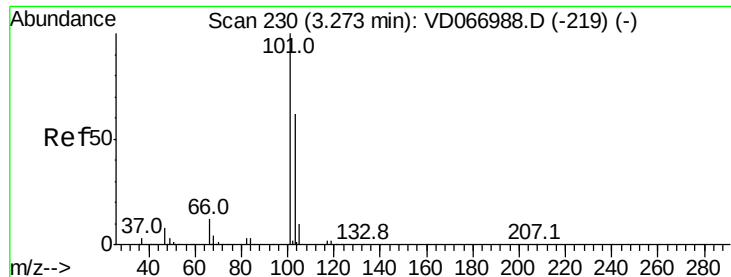
Tgt Ion: 64 Resp: 97674

Ion Ratio Lower Upper

64 100

66 35.2 27.0 40.6



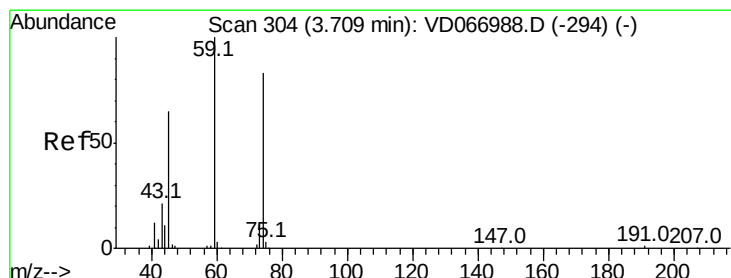
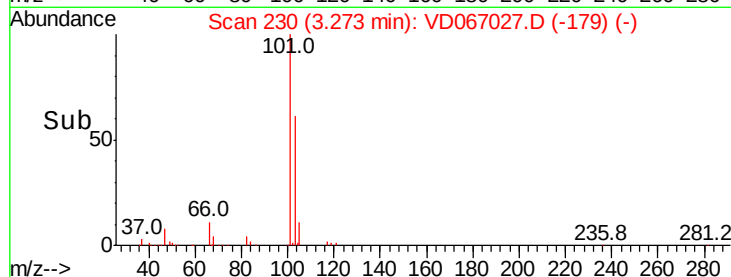
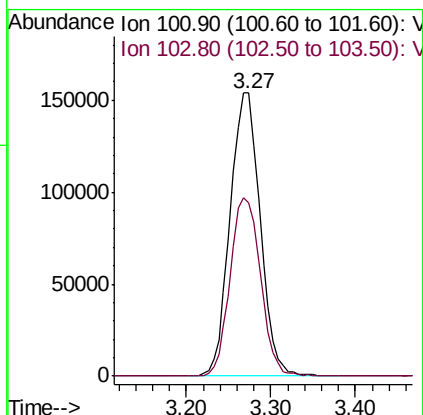
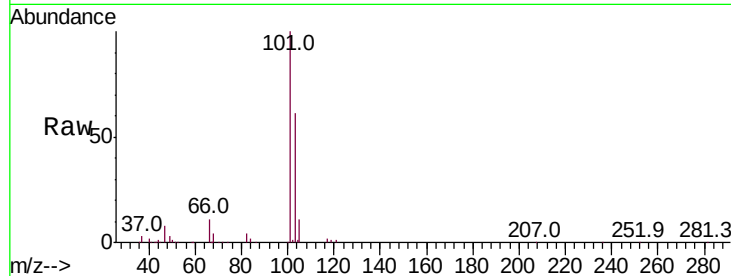


#7

Trichlorofluoromethane
 Concen: 45.387 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

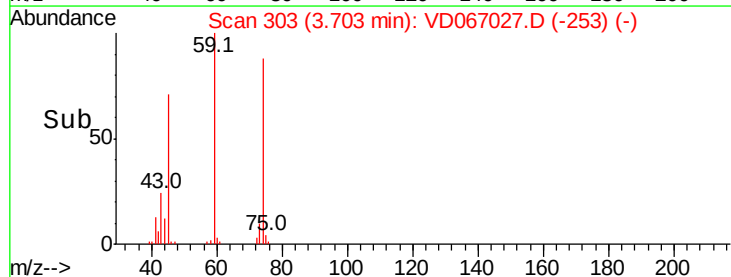
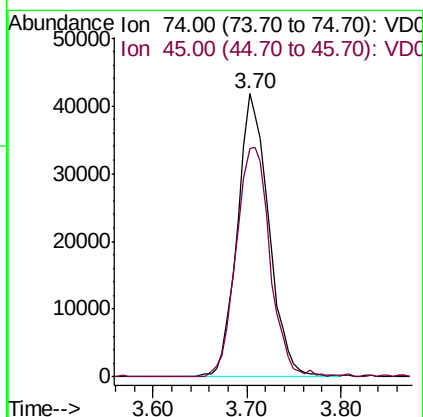
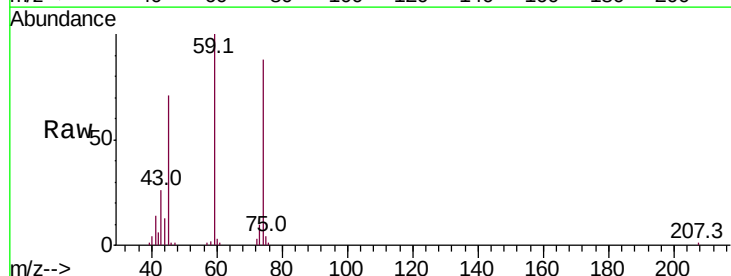
Tot Ion:101 Resp: 378009
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.8 74.8

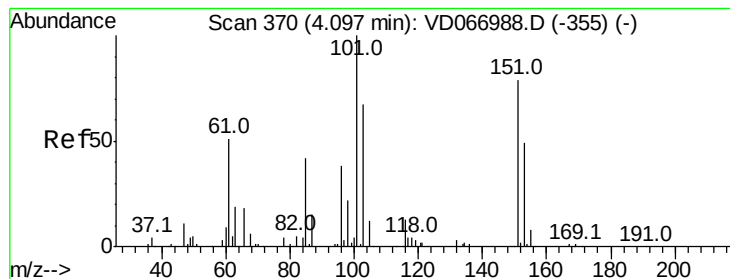


#8

Diethyl Ether
 Concen: 46.776 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion: 74 Resp: 96607
 Ion Ratio Lower Upper
 74 100
 45 87.3 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.166 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

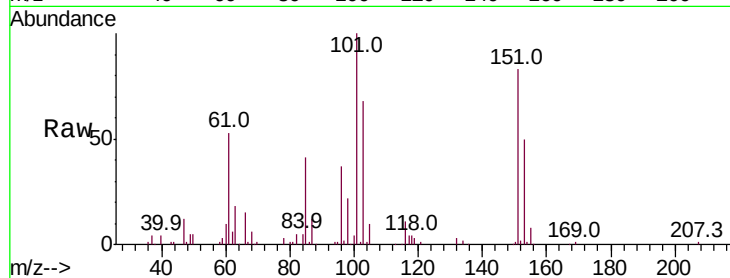
Tot Ion:101 Resp: 212621

Ion Ratio Lower Upper

101 100

85 42.5 33.8 50.8

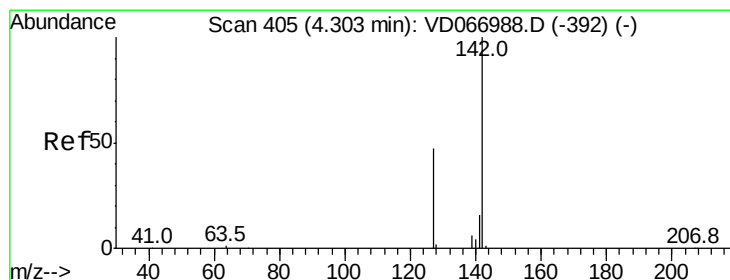
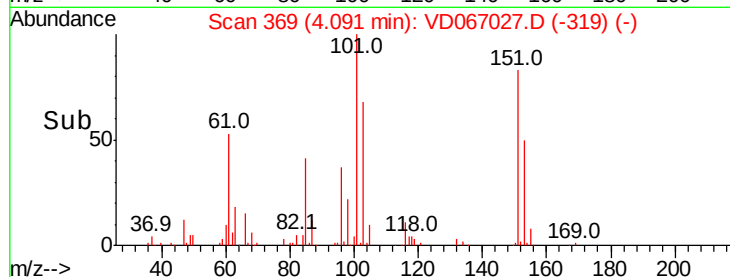
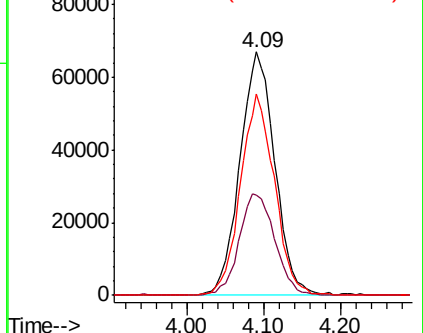
151 80.2 63.8 95.8



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: 40.937 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

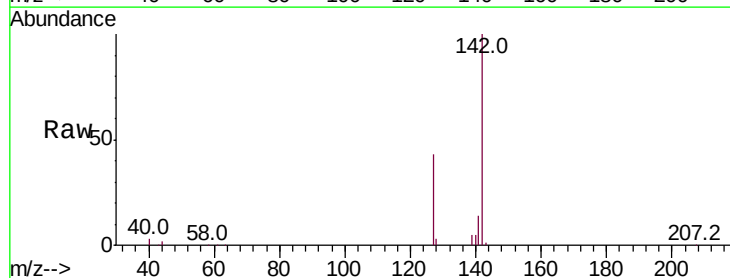
Tgt Ion:142 Resp: 187248

Ion Ratio Lower Upper

142 100

127 45.4 36.3 54.5

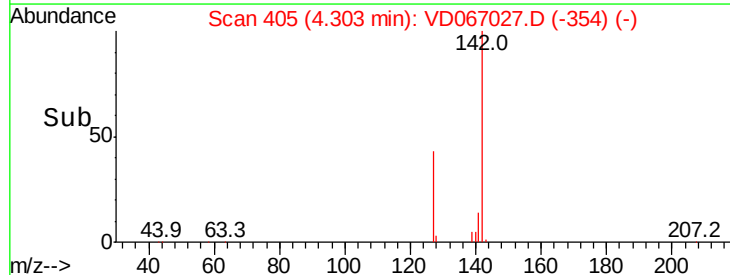
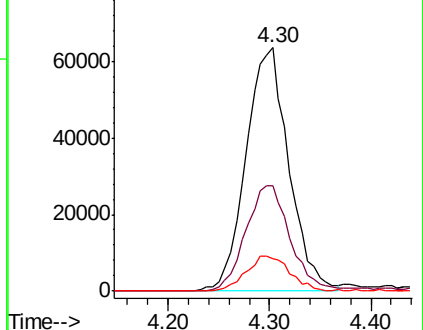
141 14.6 12.0 18.0

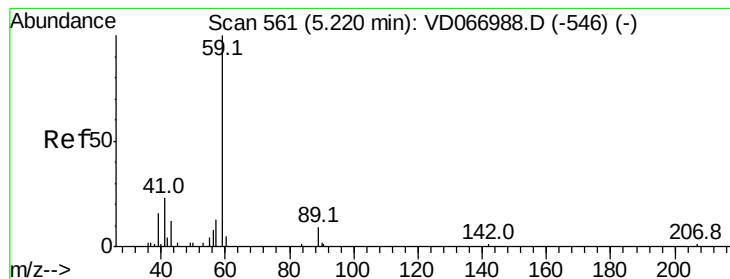


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 216.377 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

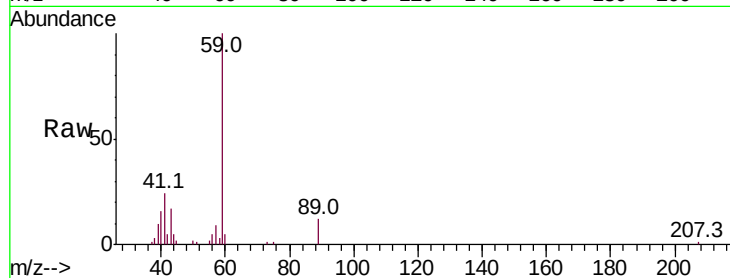
VSTDCCC050

Tot Ion: 59 Resp: 59072

Ion Ratio Lower Upper

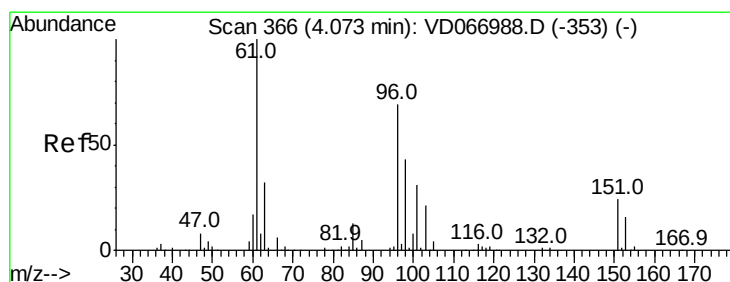
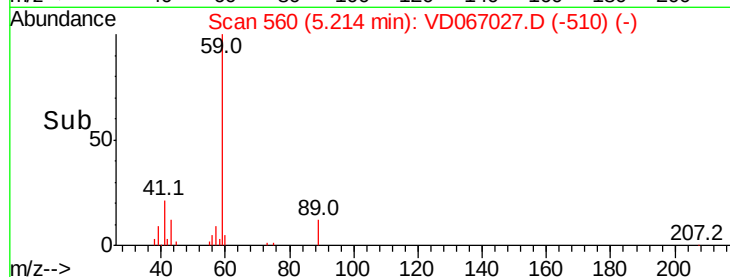
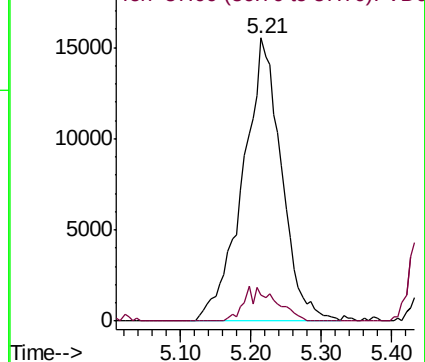
59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 44.284 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

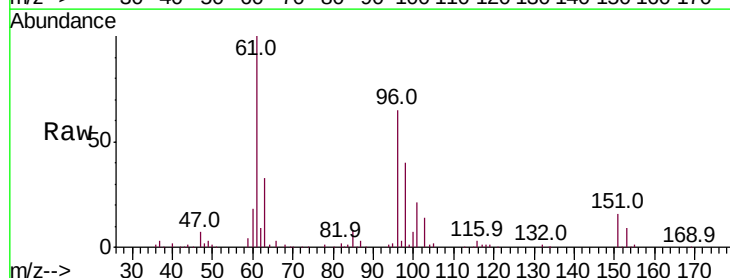
Tgt Ion: 96 Resp: 195975

Ion Ratio Lower Upper

96 100

61 153.8 116.4 174.6

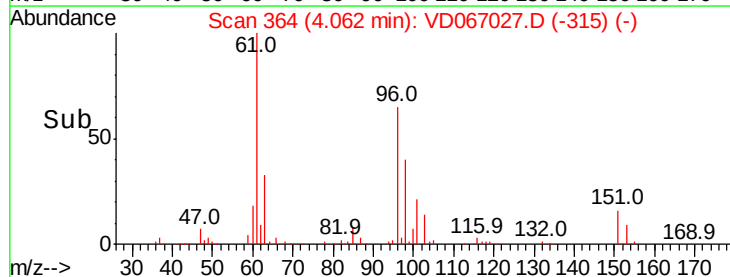
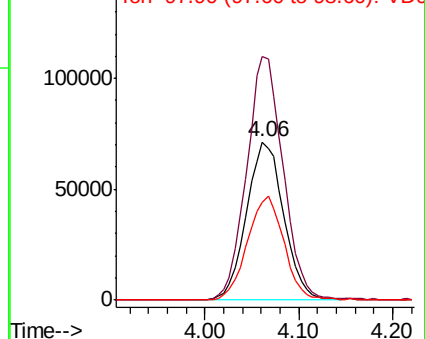
98 61.7 49.9 74.9

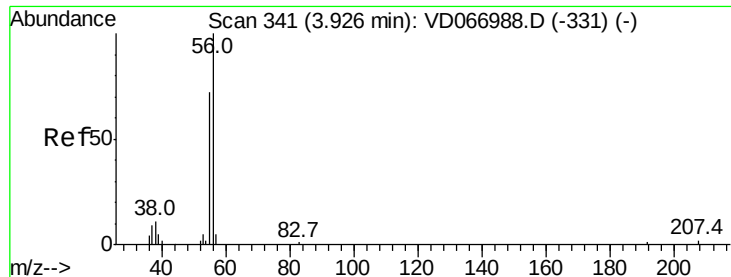


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 233.620 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

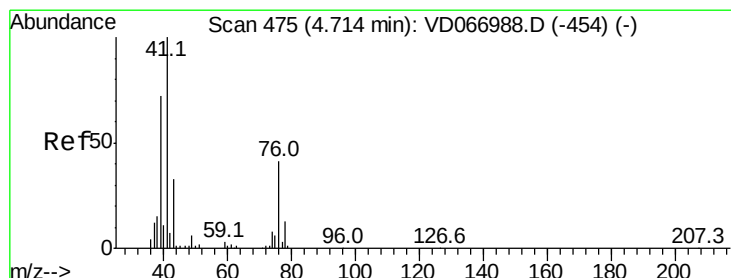
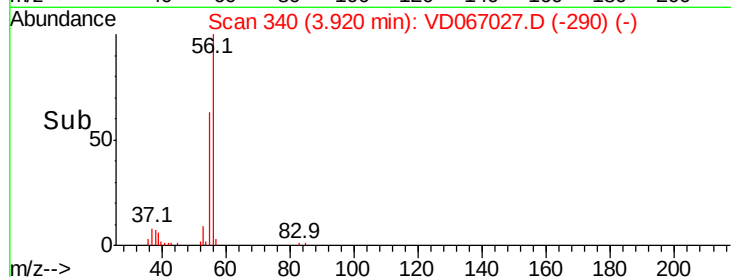
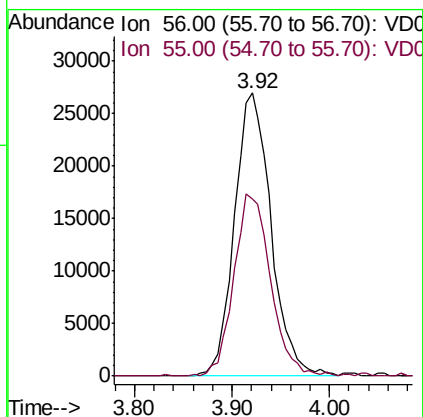
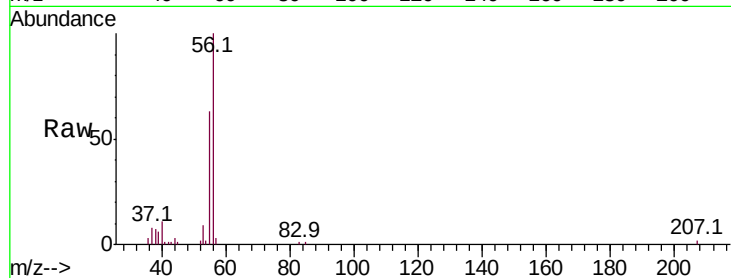
VSTDCCC050

Tot Ion: 56 Resp: 70734

Ion Ratio Lower Upper

56 100

55 64.3 56.9 85.3



#14

Allyl chloride

Concen: 45.338 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

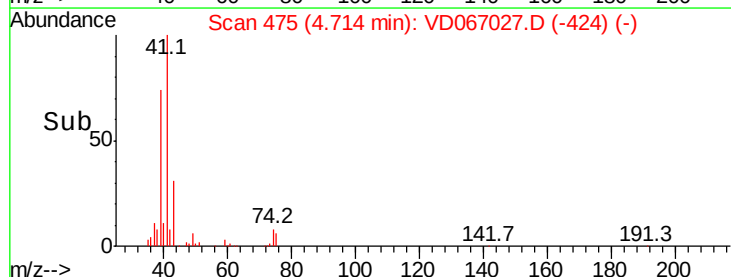
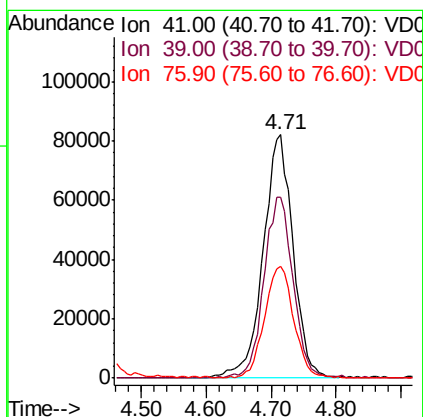
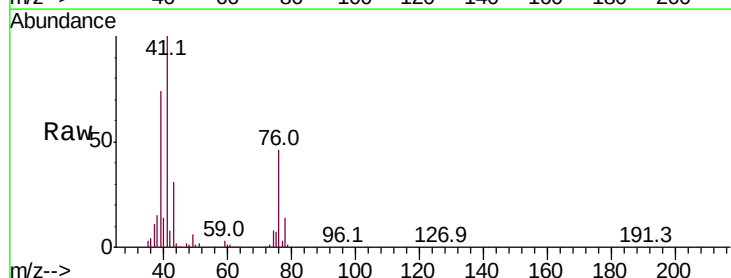
Tgt Ion: 41 Resp: 260647

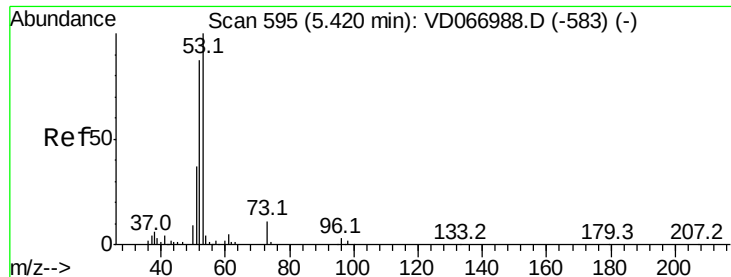
Ion Ratio Lower Upper

41 100

39 72.4 56.2 84.2

76 45.3 34.2 51.2





#15

Acrylonitrile

Concen: 229.031 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

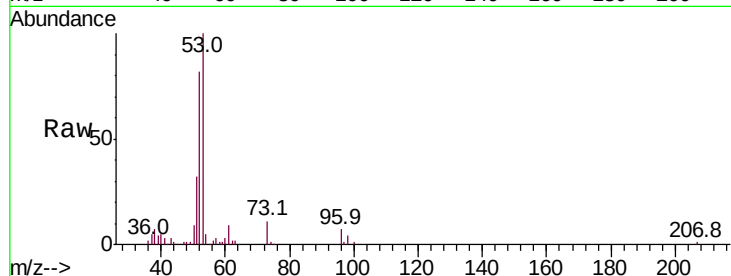
Tot Ion: 53 Resp: 174094

Ion Ratio Lower Upper

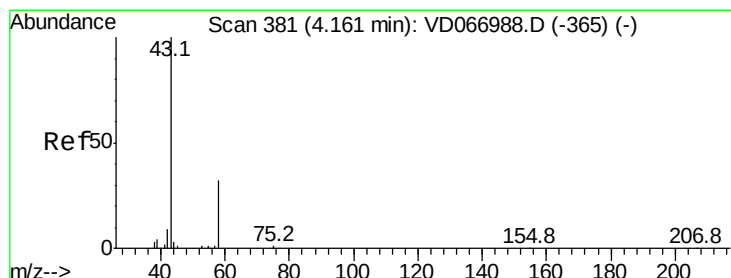
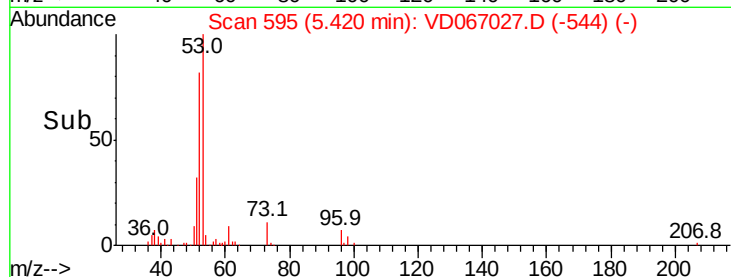
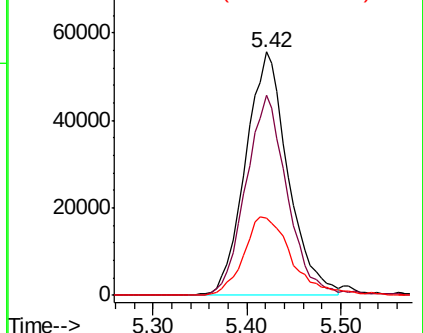
53 100

52 80.2 67.3 100.9

51 36.2 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: 248.789 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067027.D

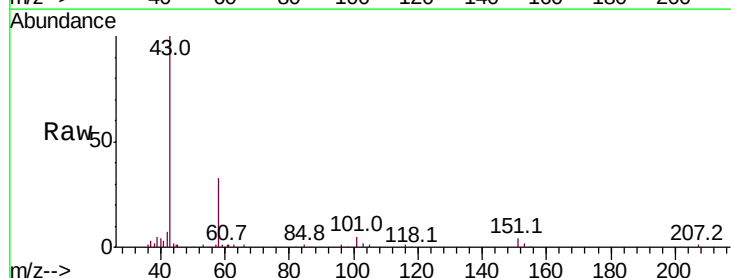
Acq: 02 Oct 2020 11:18

Tgt Ion: 43 Resp: 171725

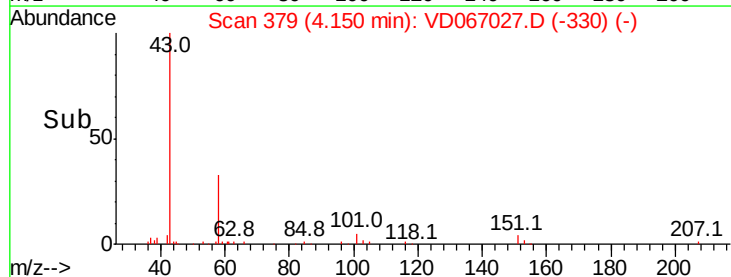
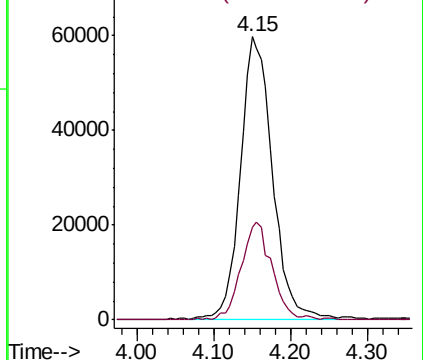
Ion Ratio Lower Upper

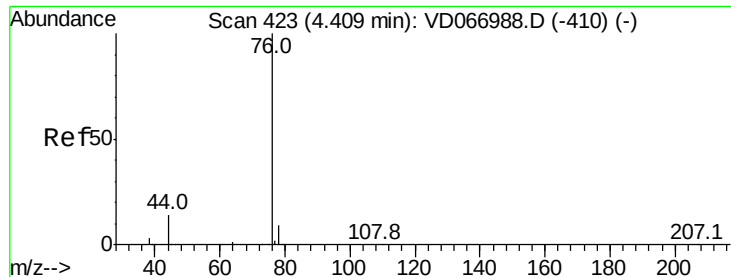
43 100

58 32.8 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: 45.577 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

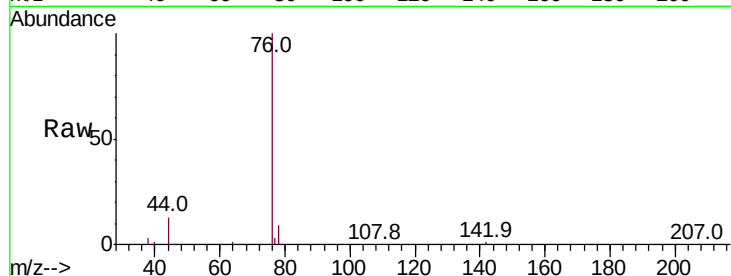
VSTDCCC050

Tot Ion: 76 Resp: 618986

Ion Ratio Lower Upper

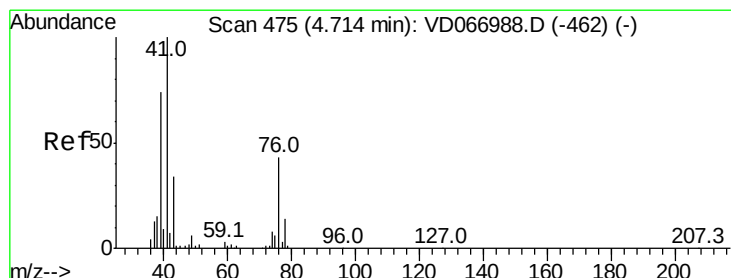
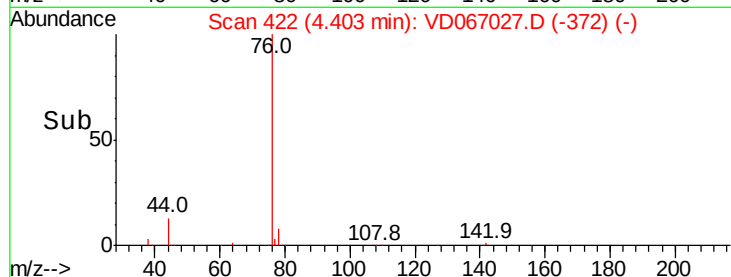
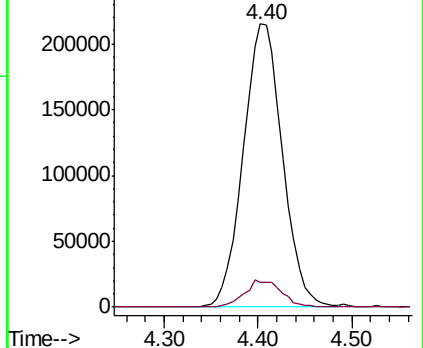
76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 45.588 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067027.D

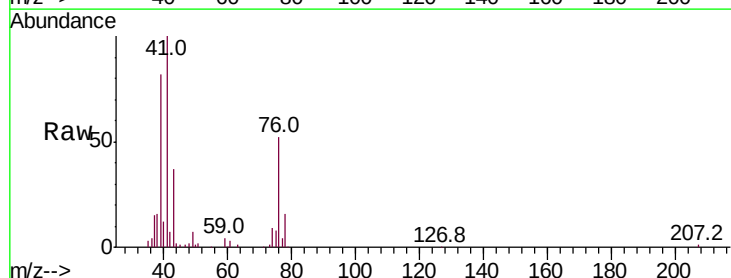
Acq: 02 Oct 2020 11:18

Tgt Ion: 43 Resp: 79087

Ion Ratio Lower Upper

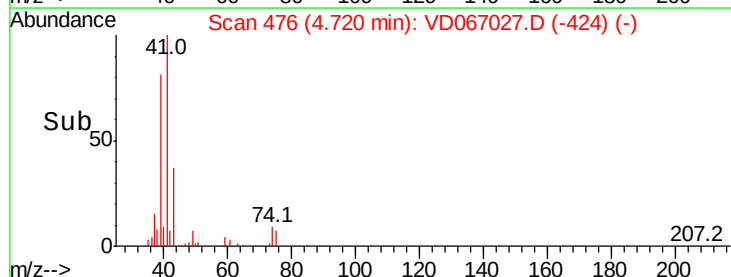
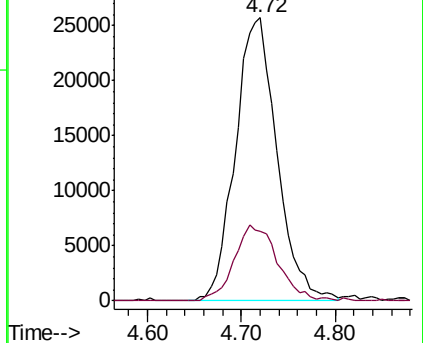
43 100

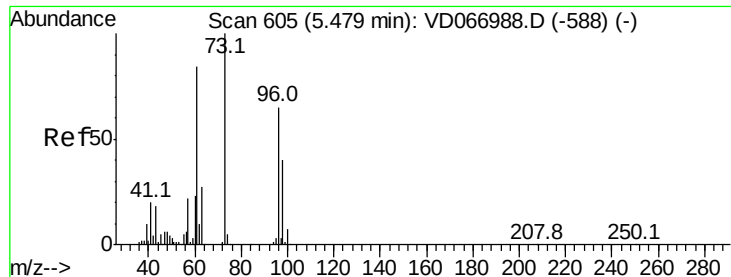
74 27.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



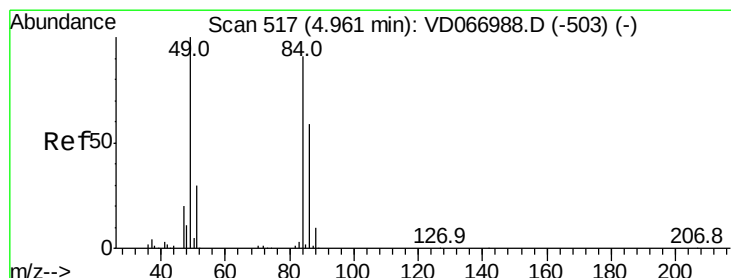
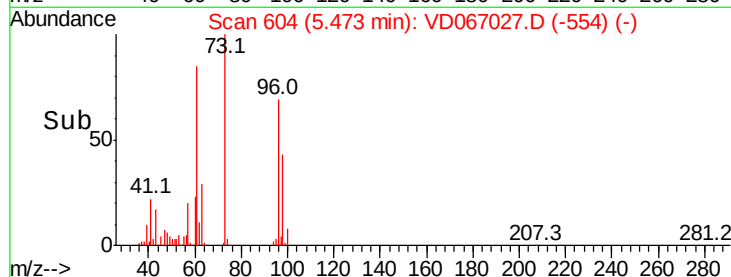
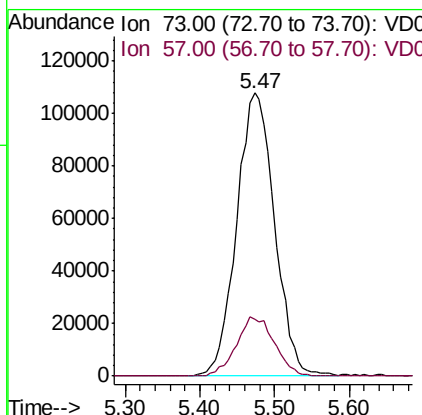
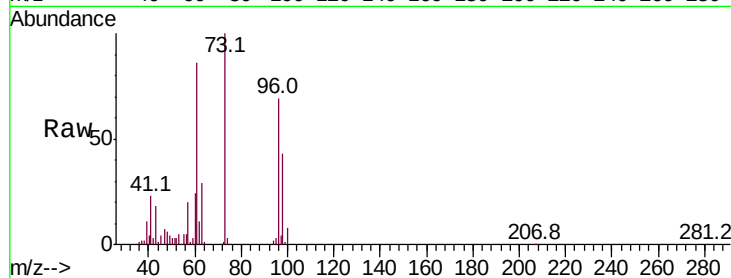


#19

Methyl tert-butyl Ether
 Concen: 47.076 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

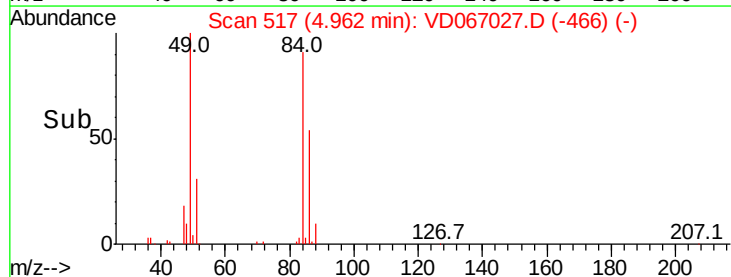
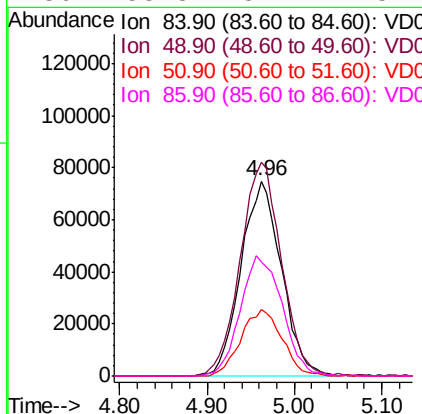
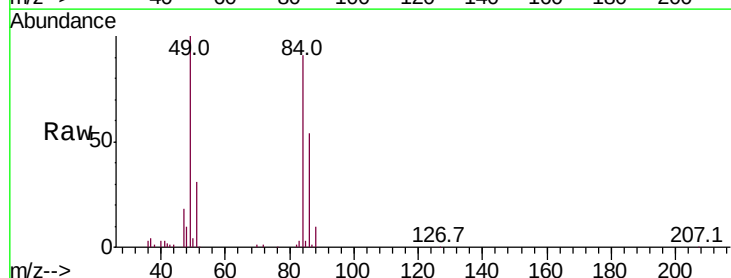
Tot Ion: 73 Resp: 380310
 Ion Ratio Lower Upper
 73 100
 57 20.1 17.4 26.0

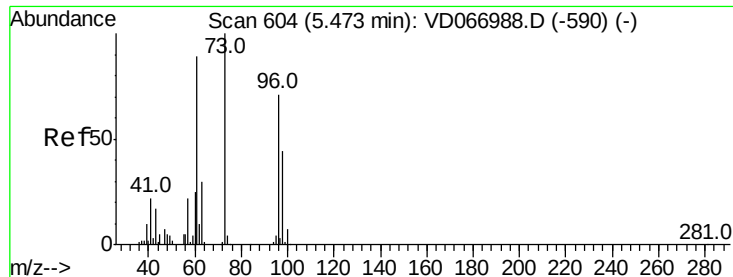


#20

Methylene Chloride
 Concen: 47.639 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion: 84 Resp: 235024
 Ion Ratio Lower Upper
 84 100
 49 109.7 88.2 132.2
 51 33.9 26.6 39.8
 86 58.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 46.158 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

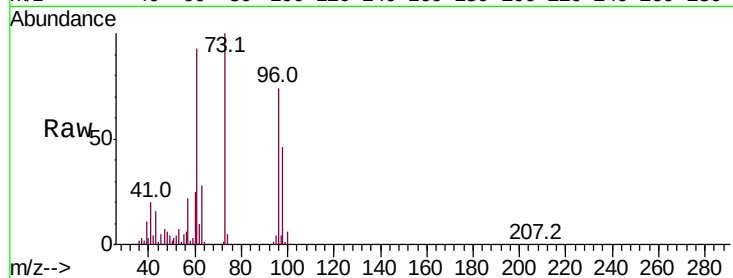
Tot Ion: 96 Resp: 232465

Ion Ratio Lower Upper

96 100

61 125.3 99.6 149.4

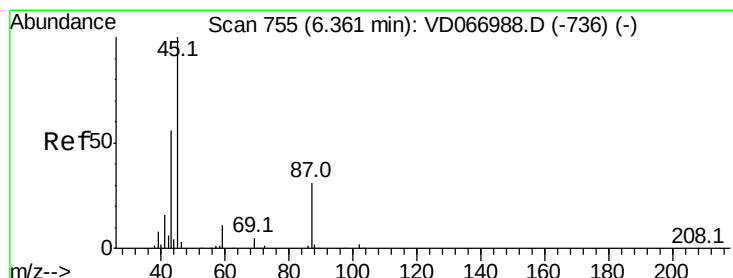
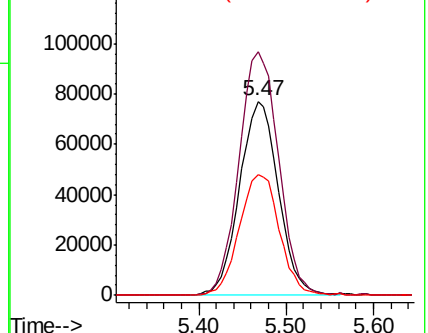
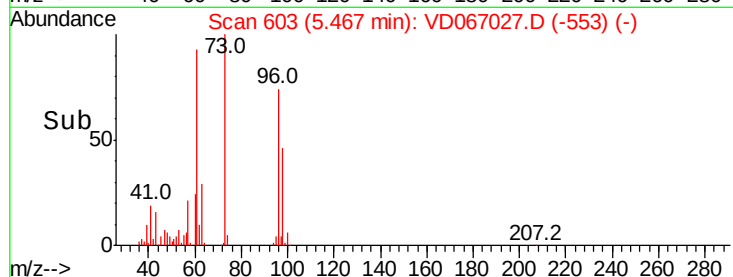
98 62.3 49.4 74.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 48.182 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion: 45 Resp: 505702

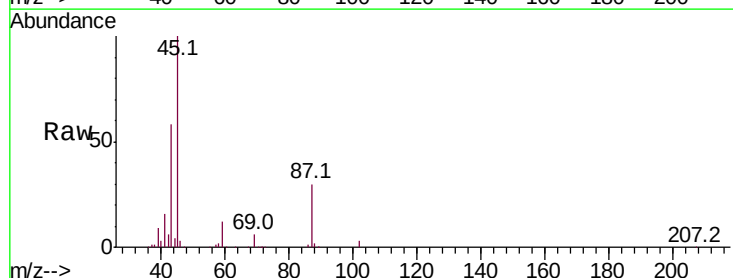
Ion Ratio Lower Upper

45 100

43 57.5 45.2 67.8

87 29.8 25.6 38.4

59 12.1 9.1 13.7

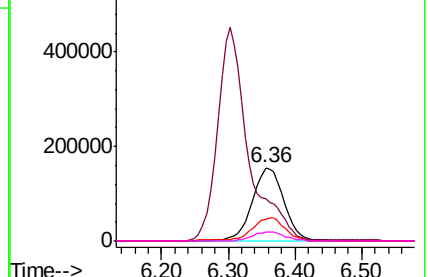
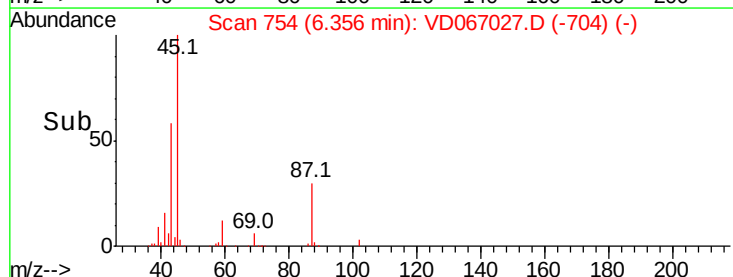


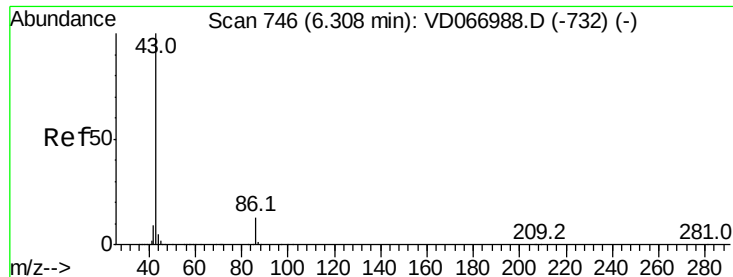
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 248.450 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

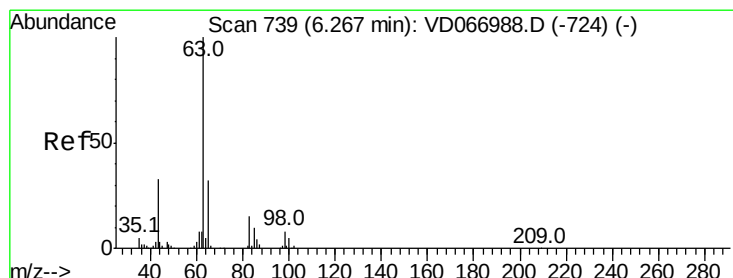
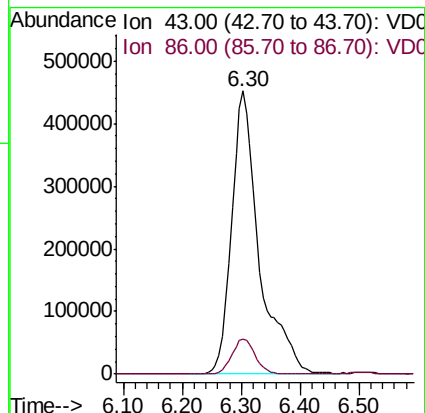
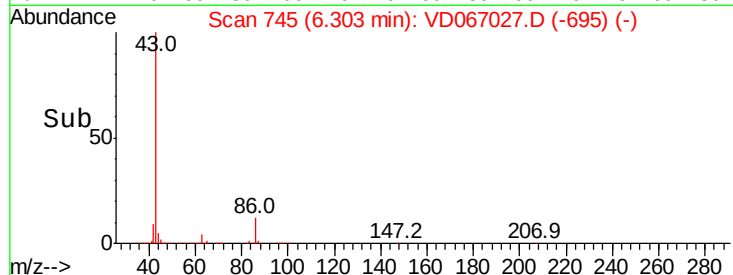
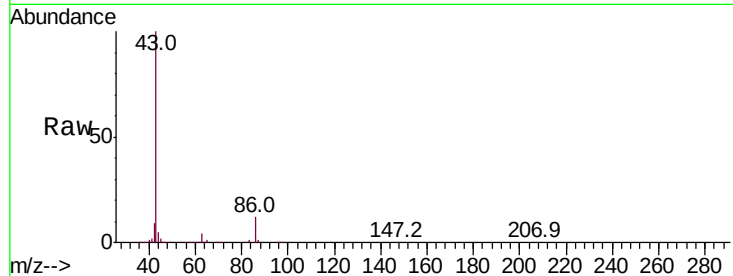
VSTDCCC050

Tot Ion: 43 Resp: 1477644

Ion Ratio Lower Upper

43 100

86 12.4 10.2 15.2



#24

1,1-Dichloroethane

Concen: 45.797 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

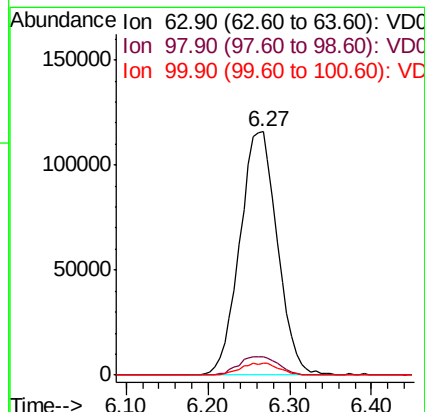
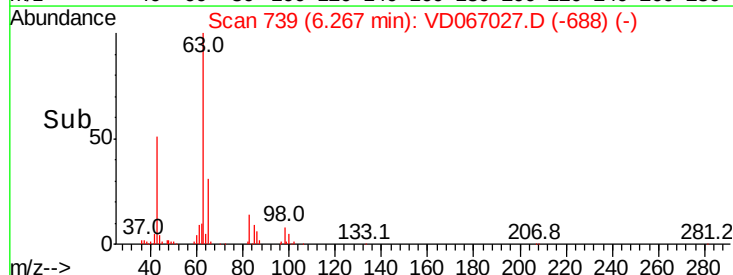
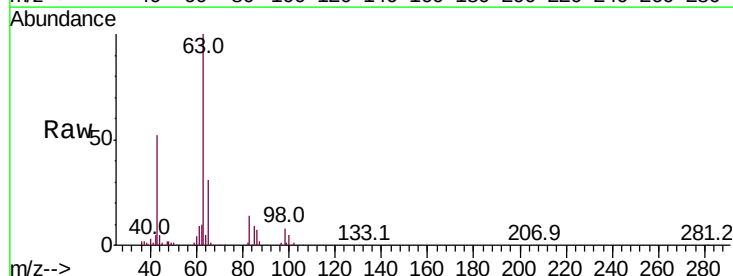
Tgt Ion: 63 Resp: 370955

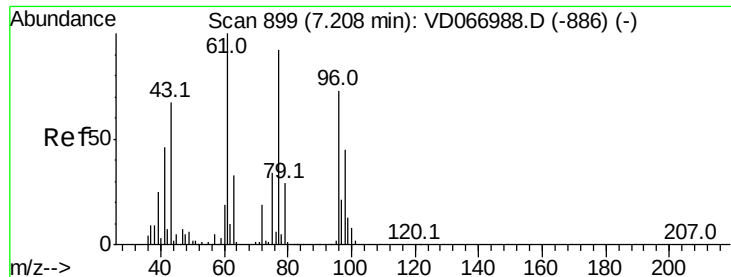
Ion Ratio Lower Upper

63 100

98 7.8 4.2 12.6

100 5.0 2.6 7.8





#25

2-Butanone

Concen: 224.946 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

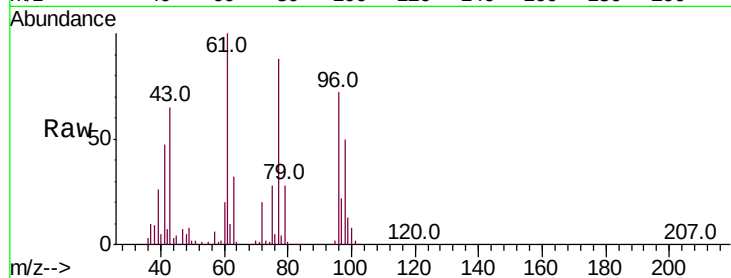
VSTDCCC050

Tot Ion: 43 Resp: 220134

Ion Ratio Lower Upper

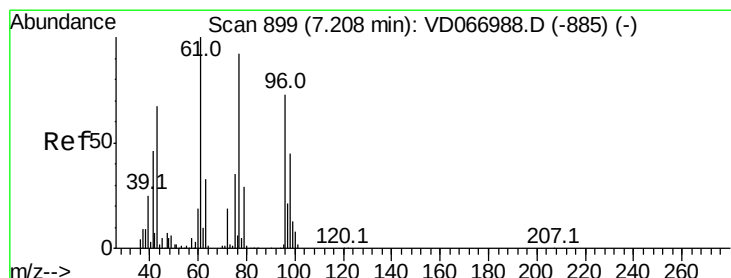
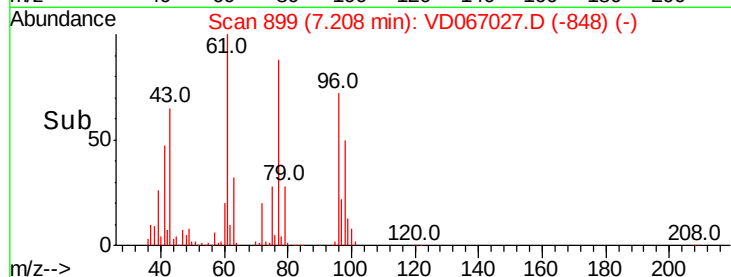
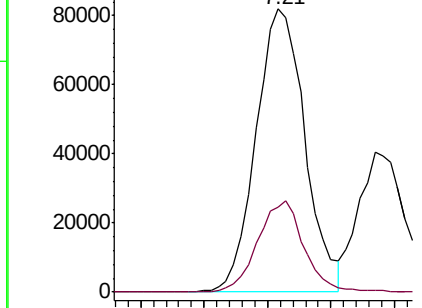
43 100

72 30.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.405 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067027.D

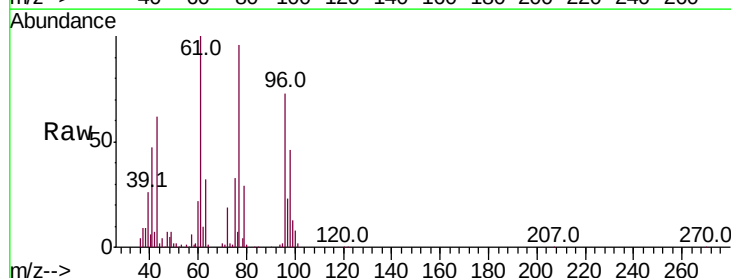
Acq: 02 Oct 2020 11:18

Tgt Ion: 77 Resp: 336176

Ion Ratio Lower Upper

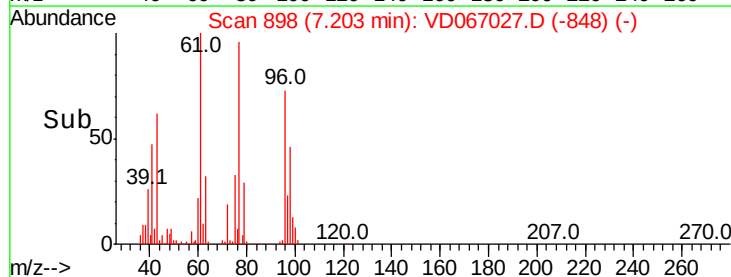
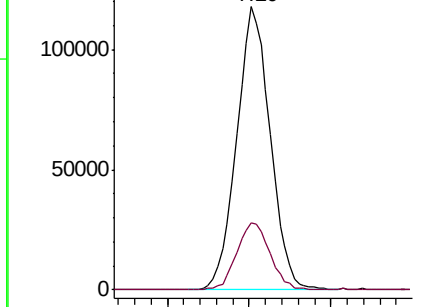
77 100

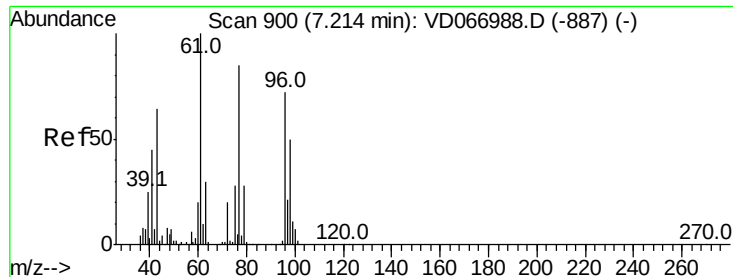
97 23.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 46.368 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

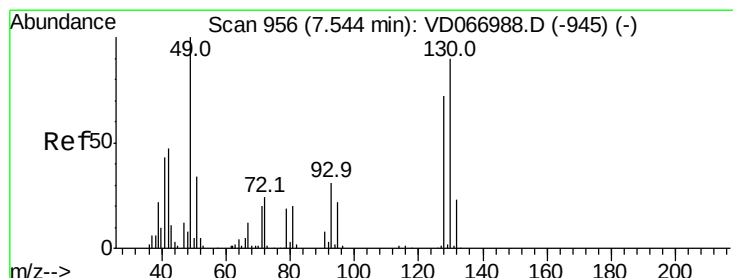
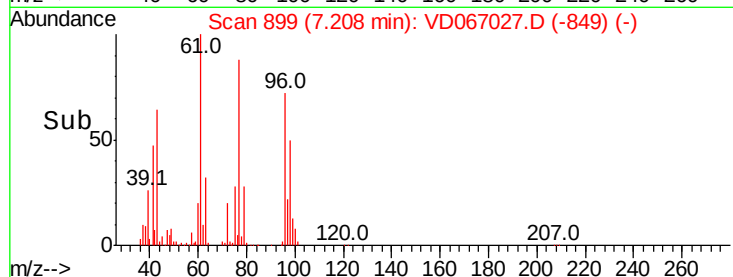
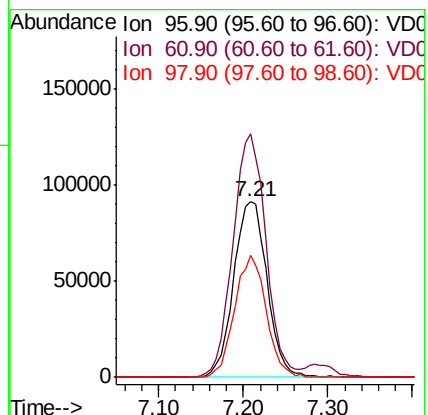
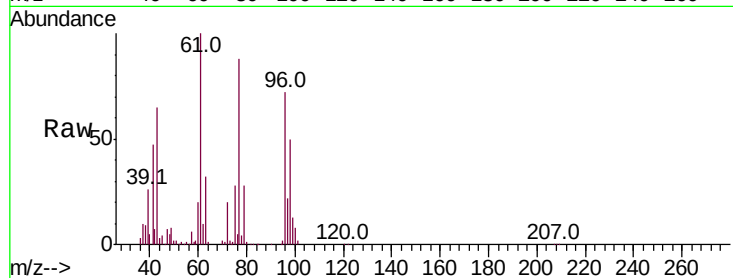
Tot Ion: 96 Resp: 249402

Ion Ratio Lower Upper

96 100

61 136.4 0.0 269.2

98 65.6 0.0 129.4



#28

Bromochloromethane

Concen: 50.222 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

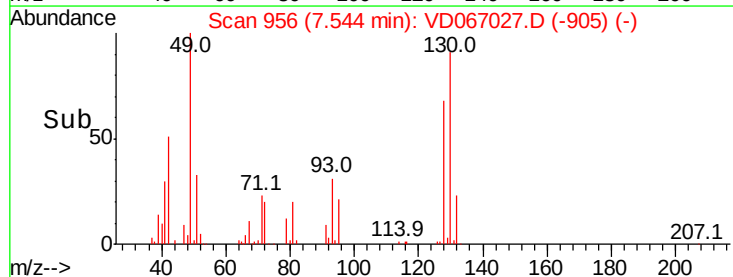
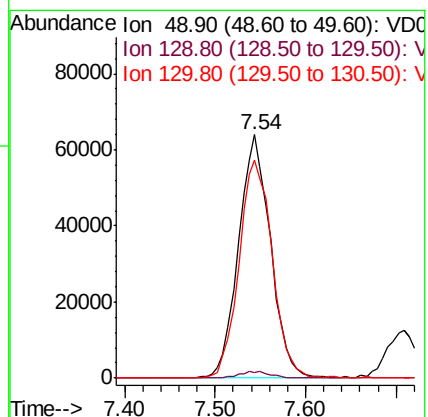
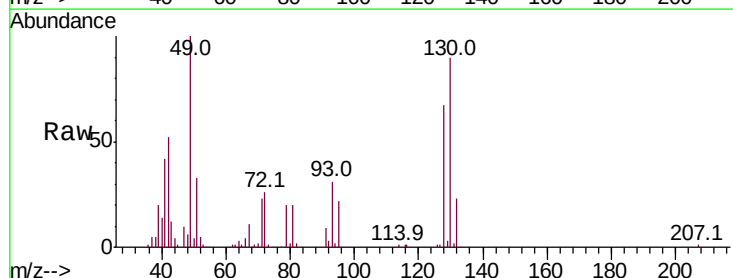
Tgt Ion: 49 Resp: 157099

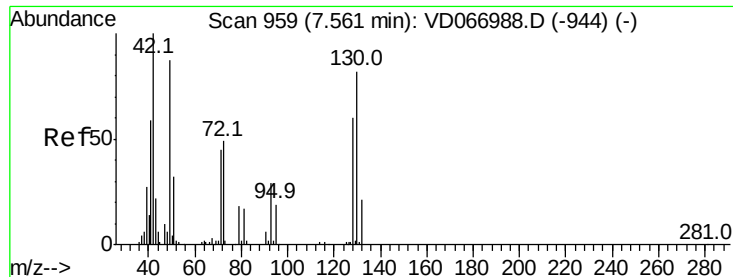
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 92.5 74.1 111.1

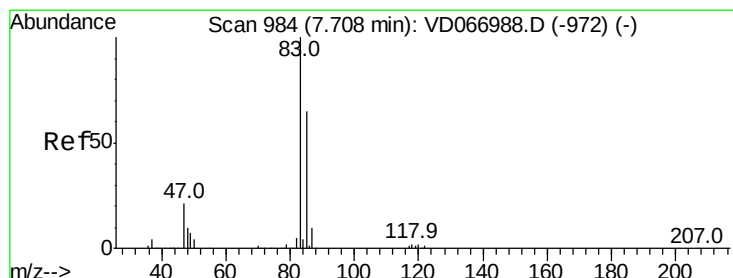
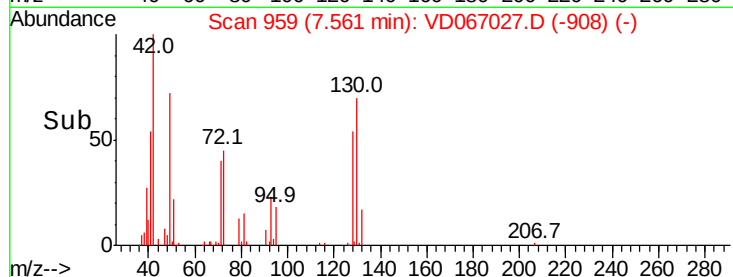
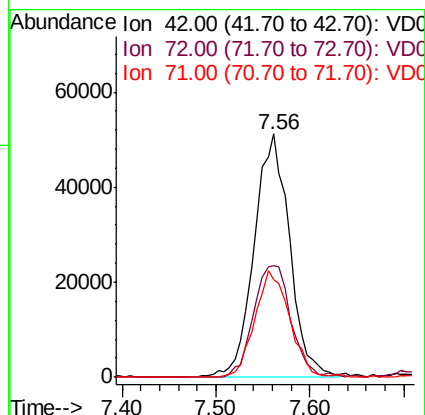
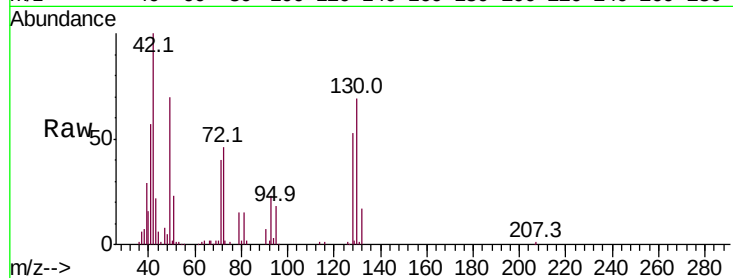




#29
Tetrahydrofuran
Concen: 237.776 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

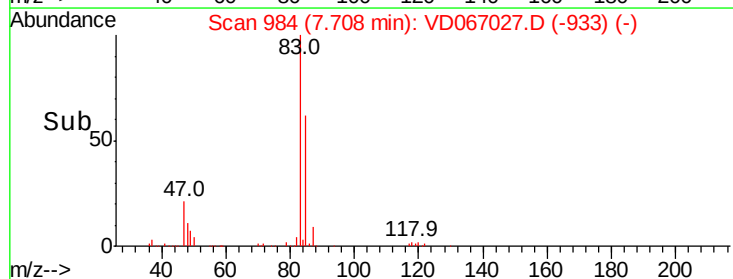
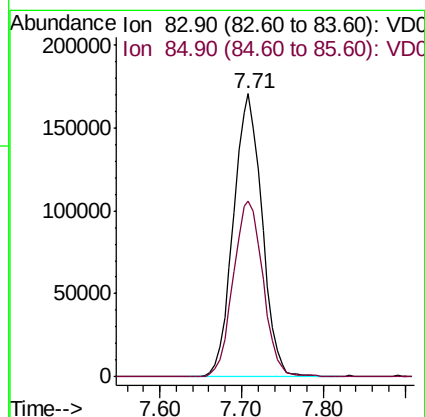
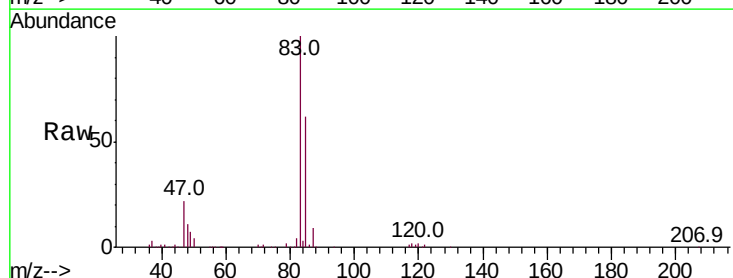
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

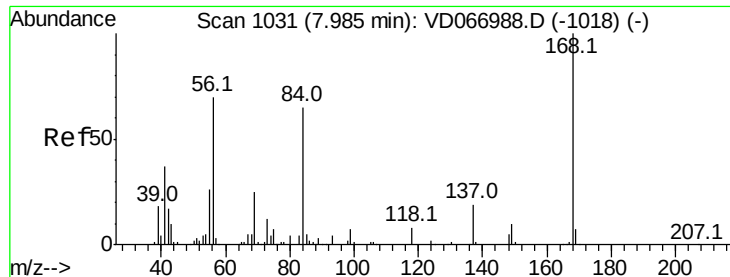
Tot Ion: 42 Resp: 133794
Ion Ratio Lower Upper
42 100
72 48.7 39.1 58.7
71 42.8 34.2 51.4



#30
Chloroform
Concen: 47.183 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 83 Resp: 414583
Ion Ratio Lower Upper
83 100
85 62.0 52.3 78.5

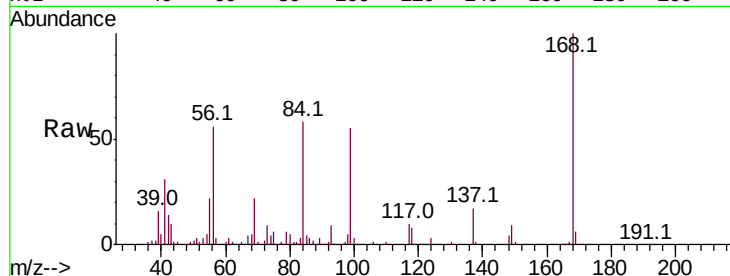




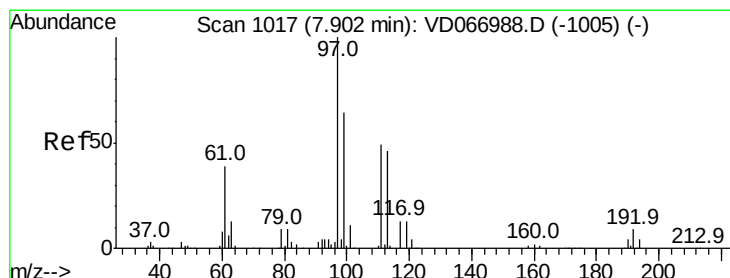
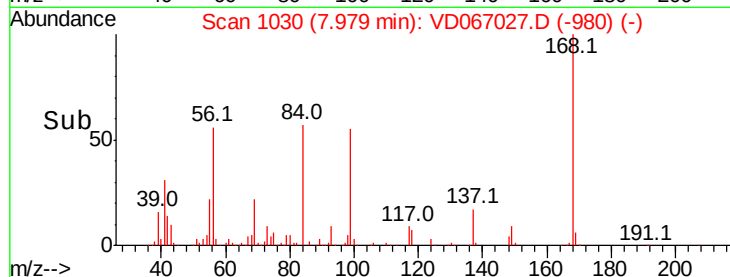
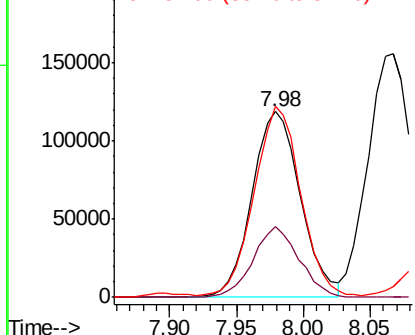
#31
Cyclohexane
Concen: 43.976 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 298628
Ion Ratio Lower Upper
56 100
69 38.4 29.0 43.6
84 101.1 74.2 111.2

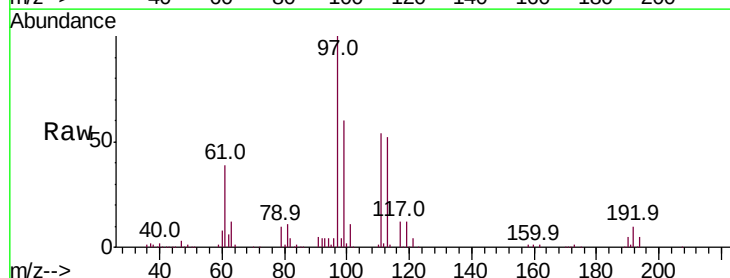


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

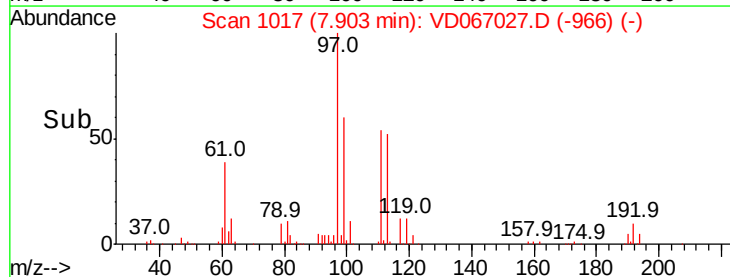
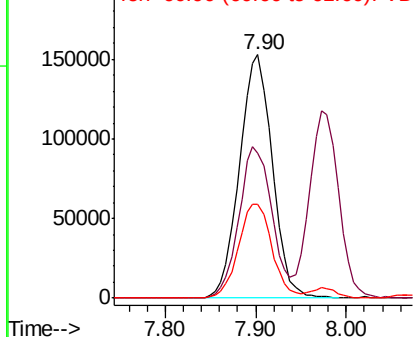


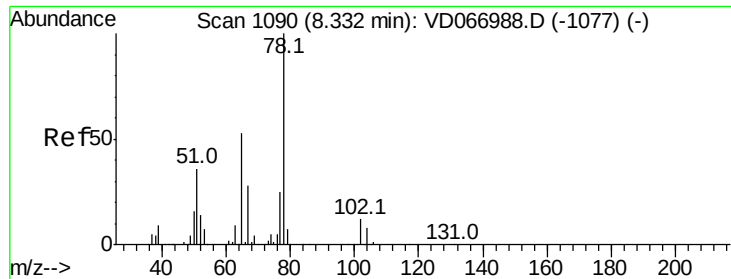
#32
1,1,1-Trichloroethane
Concen: 47.252 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 97 Resp: 384783
Ion Ratio Lower Upper
97 100
99 62.7 52.6 78.8
61 39.6 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

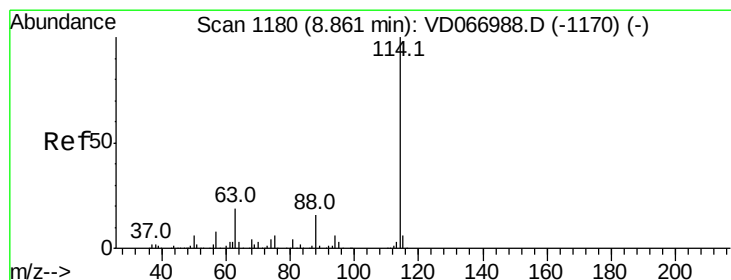
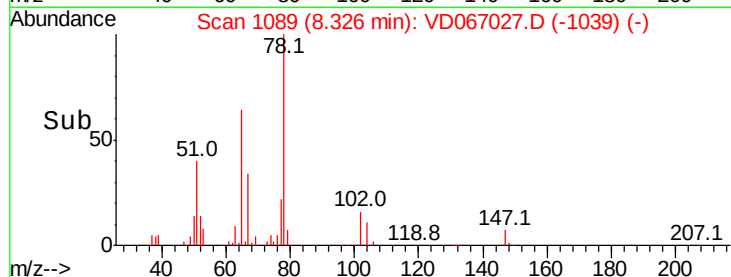
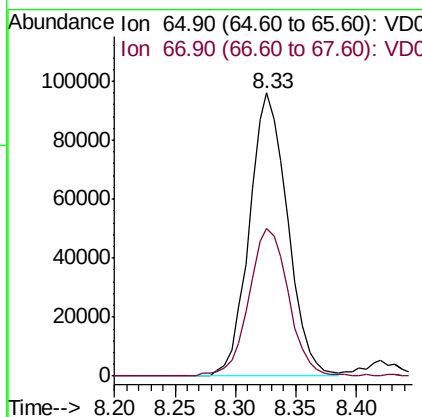
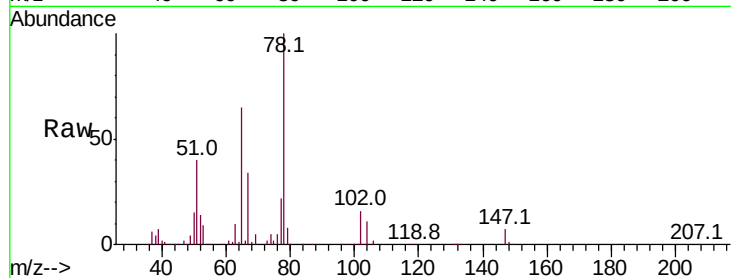




#33
 1,2-Dichloroethane-d4
 Concen: 46.831 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

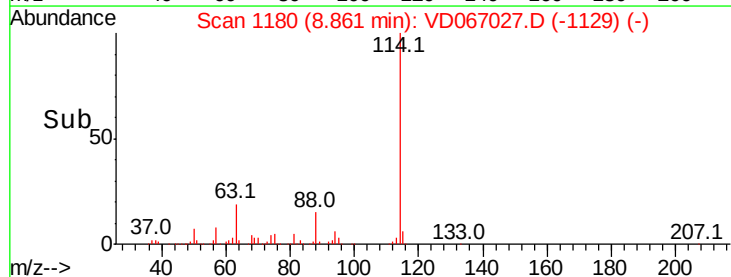
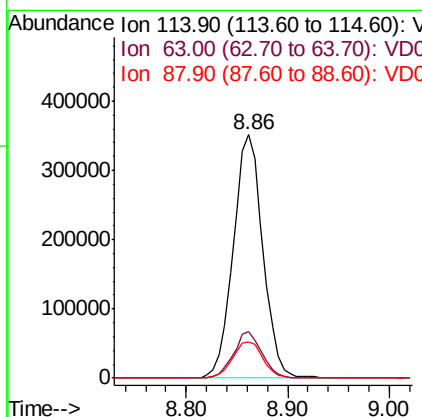
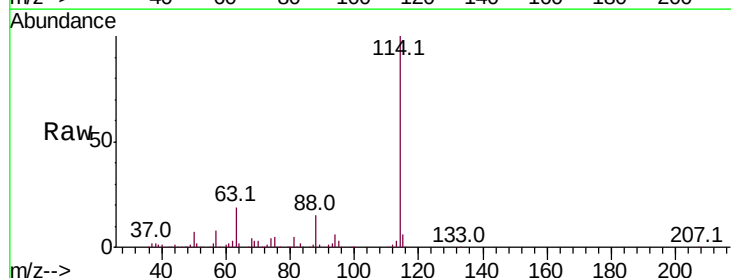
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

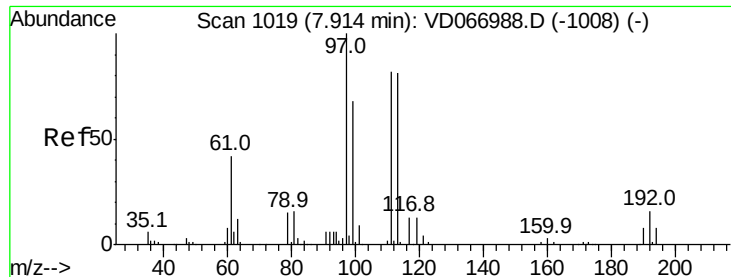
Tot Ion: 65 Resp: 211757
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion: 114 Resp: 709071
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 14.8 0.0 31.2

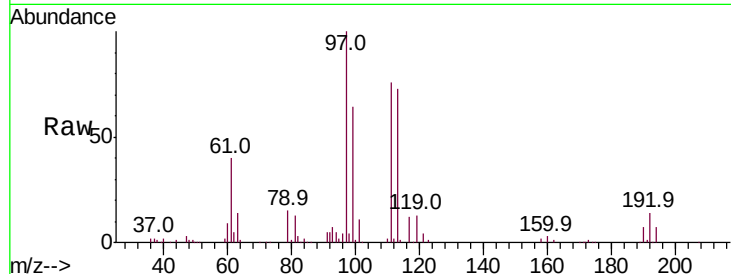




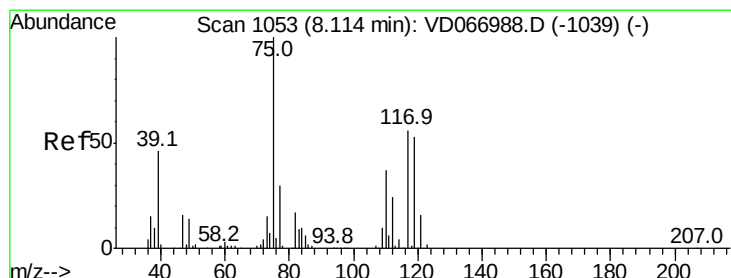
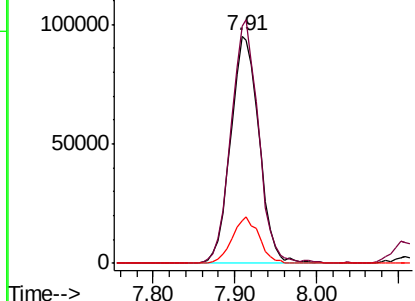
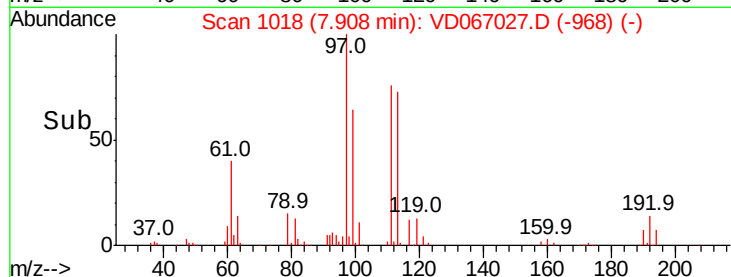
#35
Dibromofluoromethane
Concen: 49.530 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.4
192	19.4	15.5	23.3

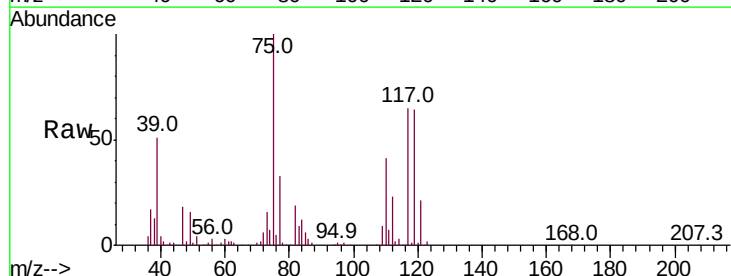


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

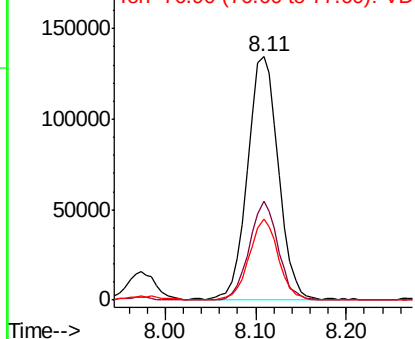
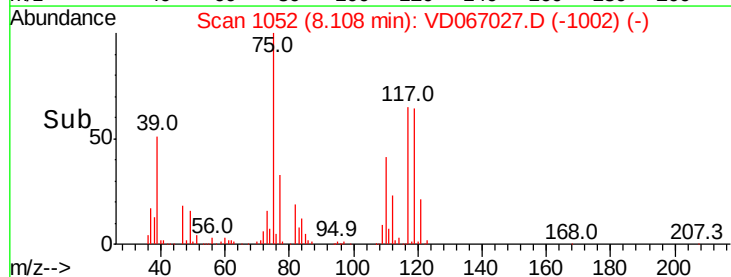


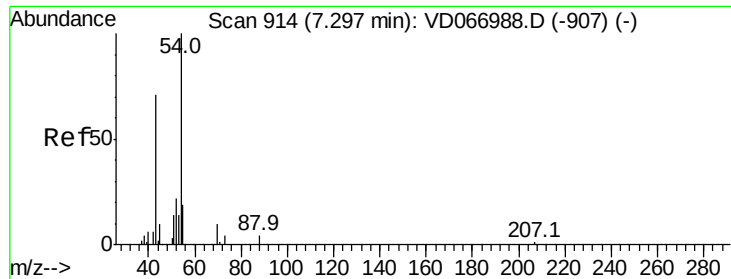
#36
1,1-Dichloropropene
Concen: 47.740 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	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

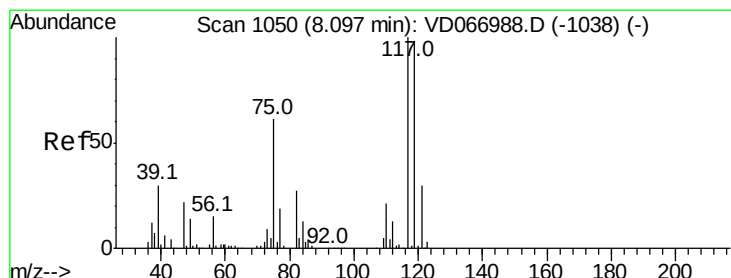
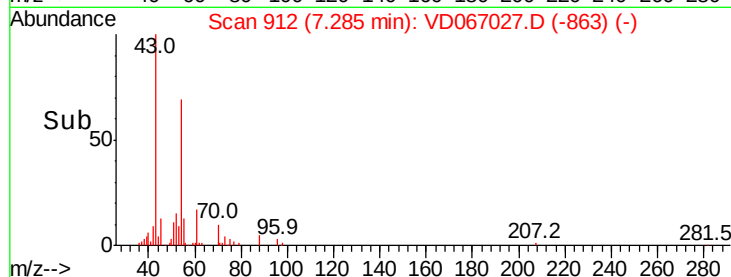
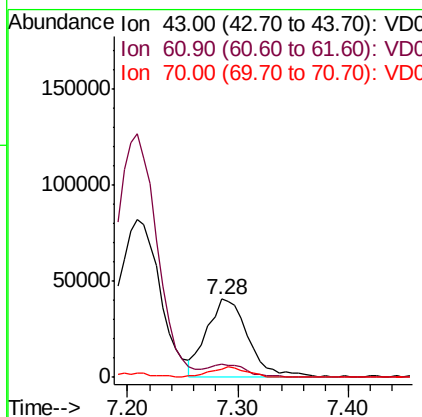
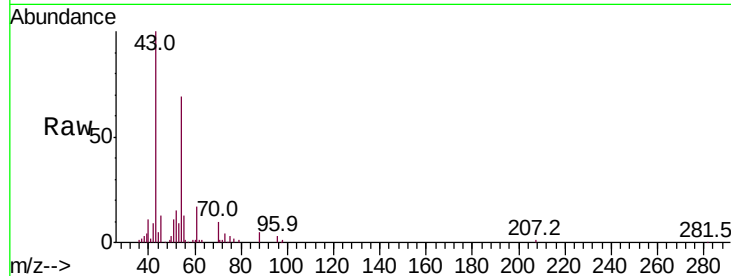




#37
Ethyl Acetate
Concen: 45.728 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

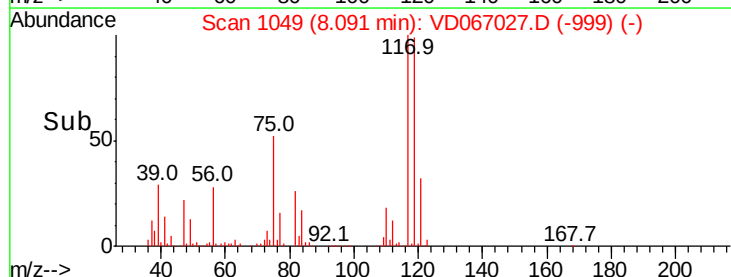
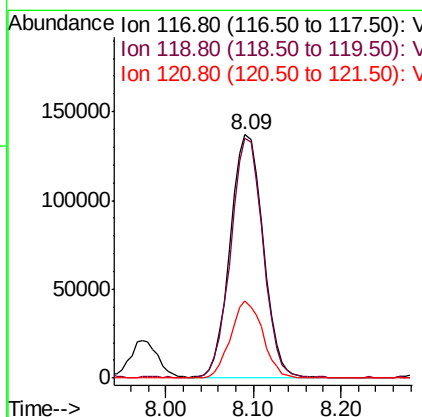
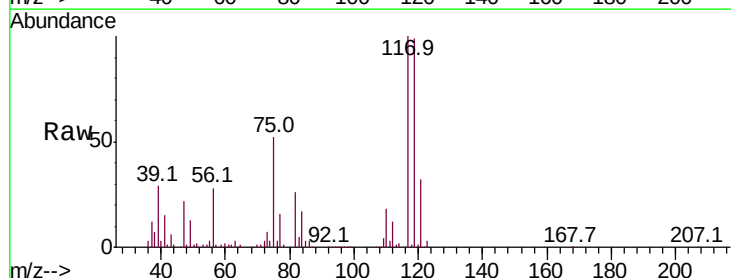
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

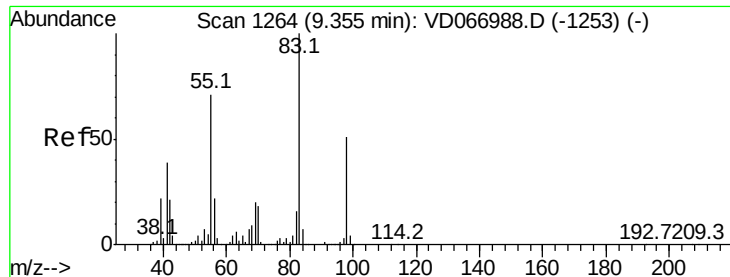
Tot Ion: 43 Resp: 104701
Ion Ratio Lower Upper
43 100
61 14.2 12.5 18.7
70 12.0 9.4 14.0



#38
Carbon Tetrachloride
Concen: 48.887 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 117 Resp: 349603
Ion Ratio Lower Upper
117 100
119 98.6 78.7 118.1
121 31.7 24.2 36.2

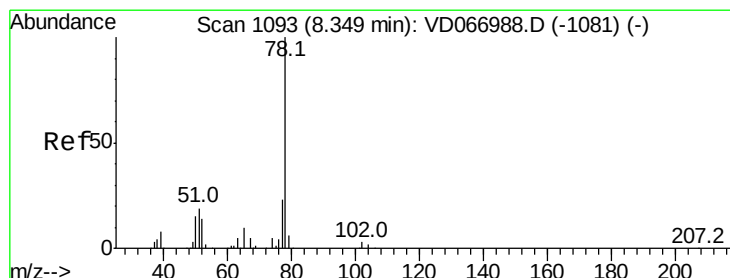
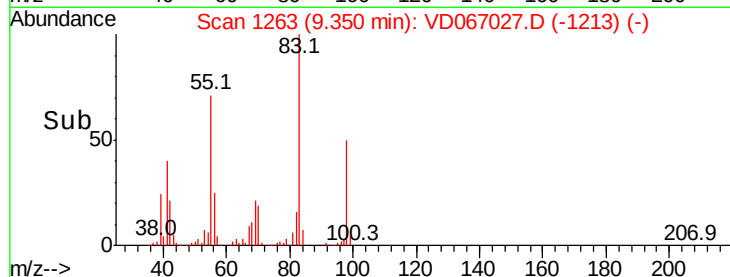
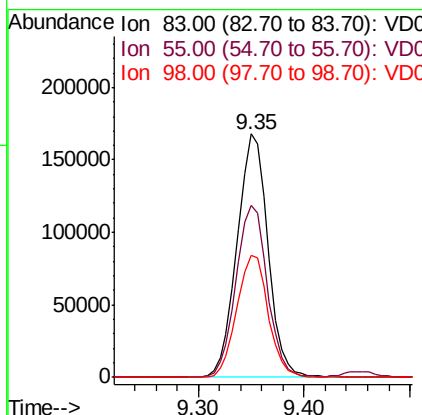
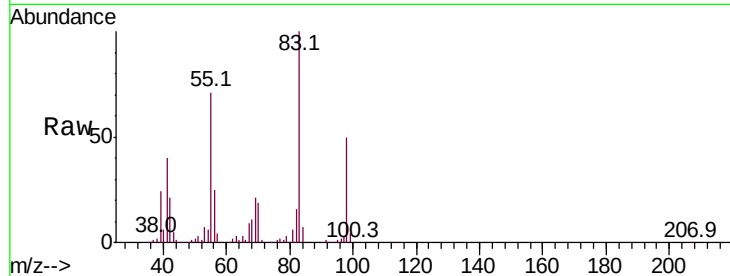




#39
Methylvlcyclohexane
Concen: 48.825 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

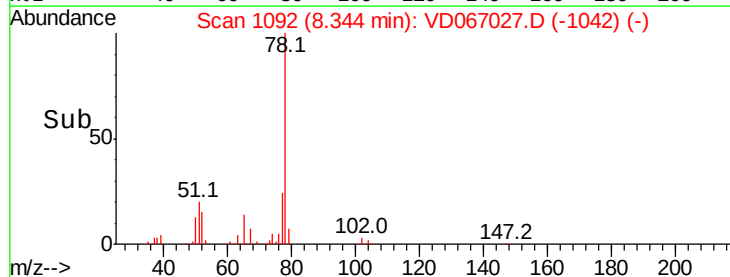
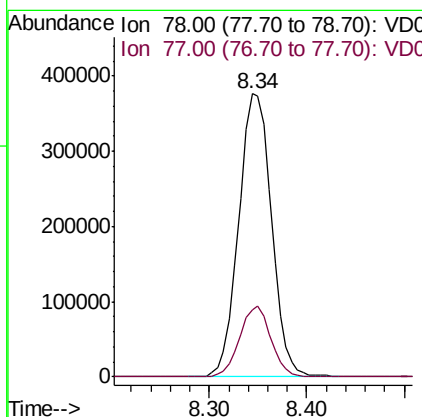
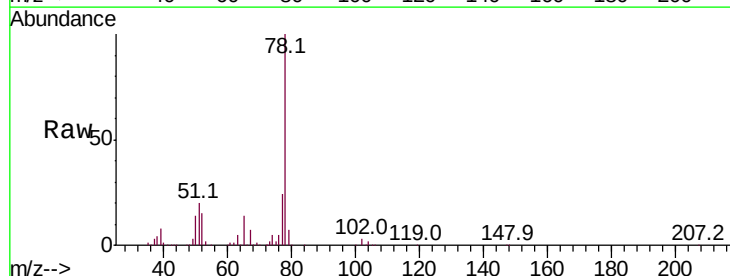
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

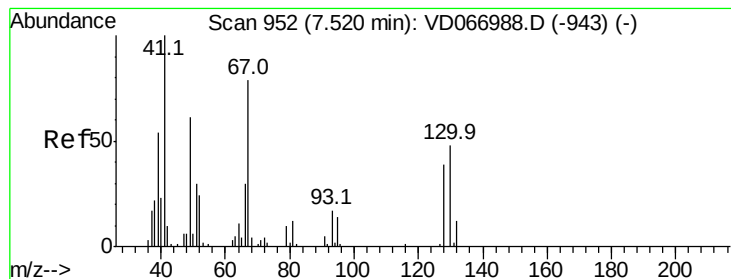
Tot Ion: 83 Resp: 341172
Ion Ratio Lower Upper
83 100
55 70.7 57.1 85.7
98 50.2 40.9 61.3



#40
Benzene
Concen: 47.965 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 78 Resp: 880523
Ion Ratio Lower Upper
78 100
77 23.7 18.4 27.6





#41

Methacrylonitrile

Concen: 45.983 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 56880

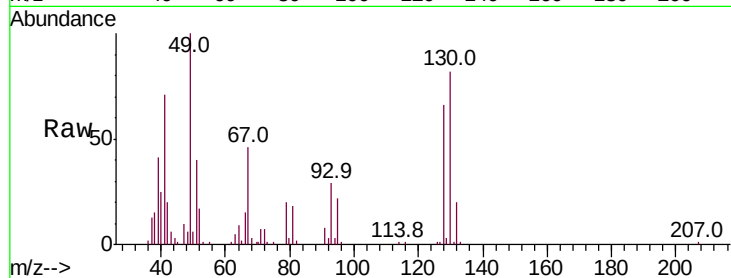
Ion Ratio Lower Upper

41 100

39 62.4 0.0 0.0#

67 86.8 0.0 0.0#

52 35.2 0.0 0.0#

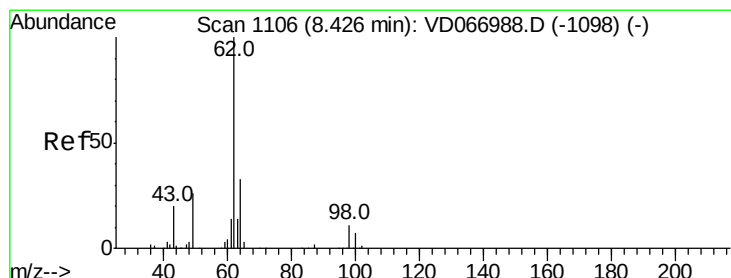
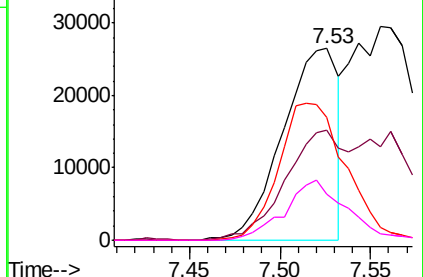
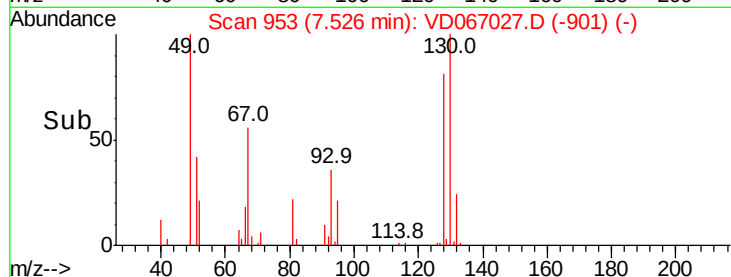


Abundance Ion 41.00 (40.70 to 41.70): VDC

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



#42

1,2-Dichloroethane

Concen: 47.420 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD067027.D

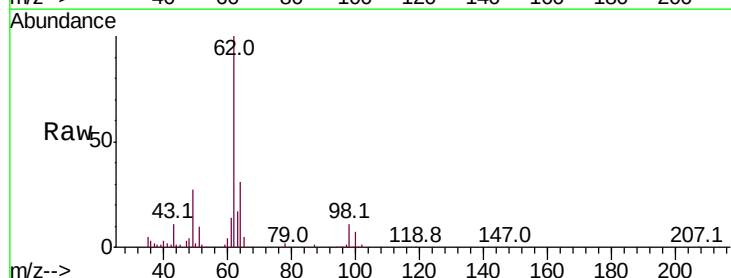
Acq: 02 Oct 2020 11:18

Tgt Ion: 62 Resp: 243251

Ion Ratio Lower Upper

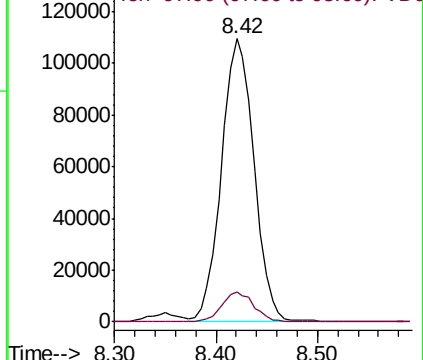
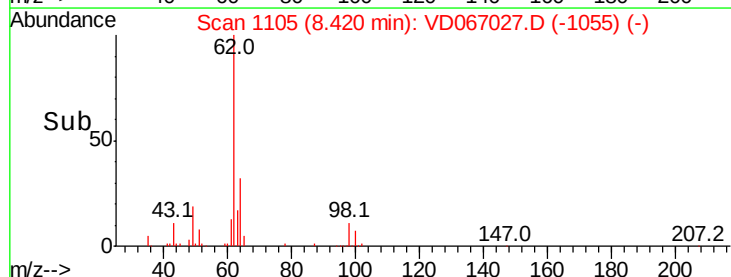
62 100

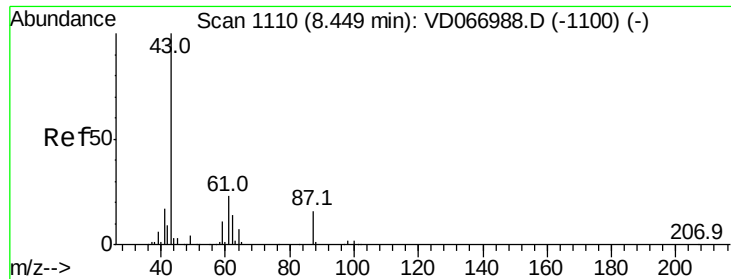
98 10.4 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 48.169 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

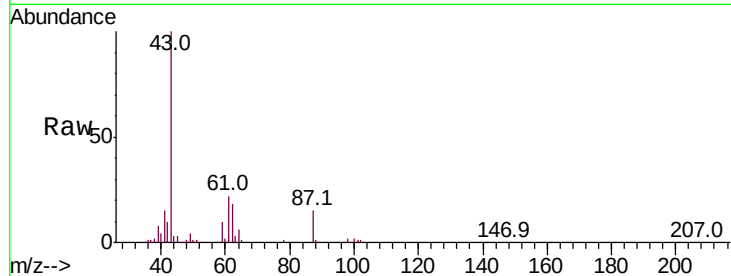
Tot Ion: 43 Resp: 203178

Ion Ratio Lower Upper

43 100

61 34.7 27.1 40.7

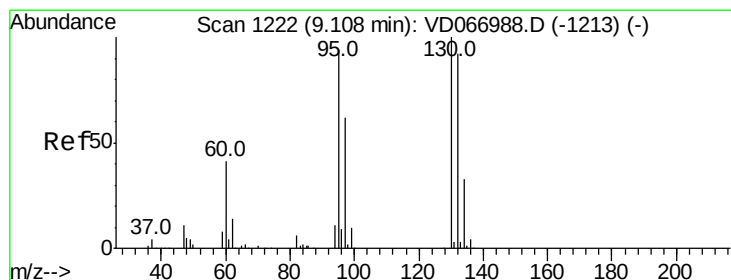
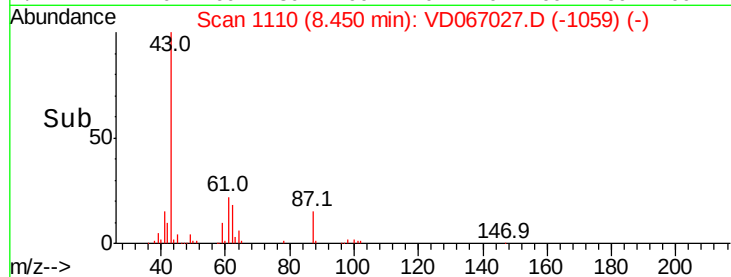
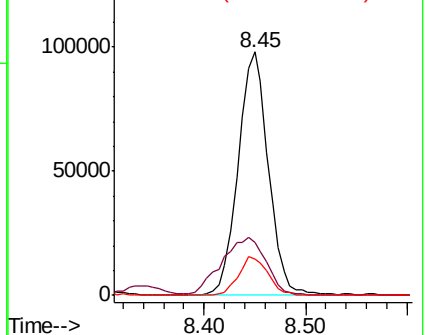
87 15.5 12.3 18.5



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: 47.945 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067027.D

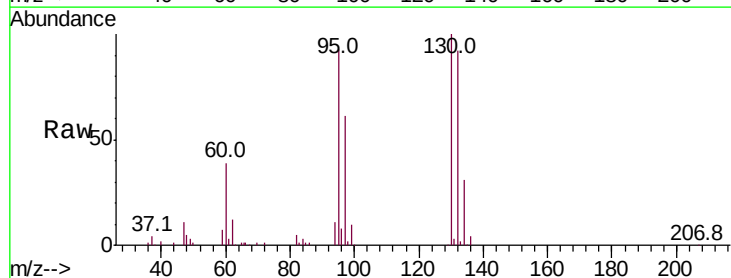
Acq: 02 Oct 2020 11:18

Tgt Ion: 130 Resp: 262825

Ion Ratio Lower Upper

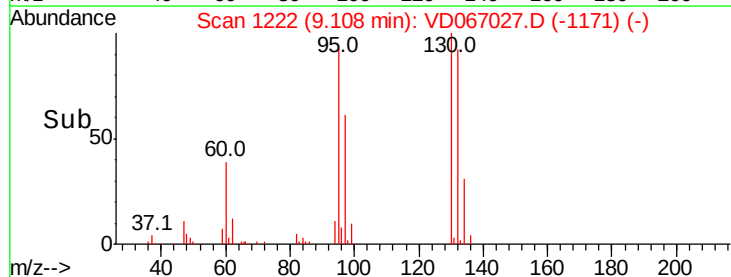
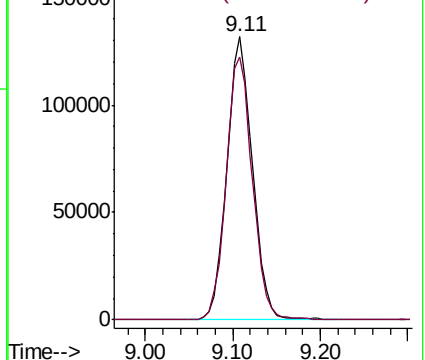
130 100

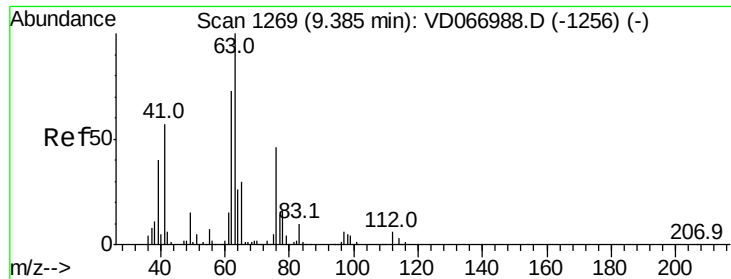
95 92.9 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.015 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

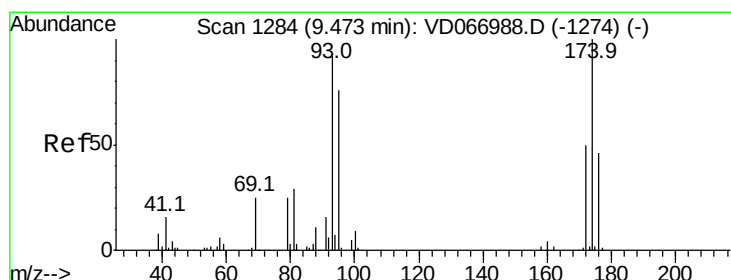
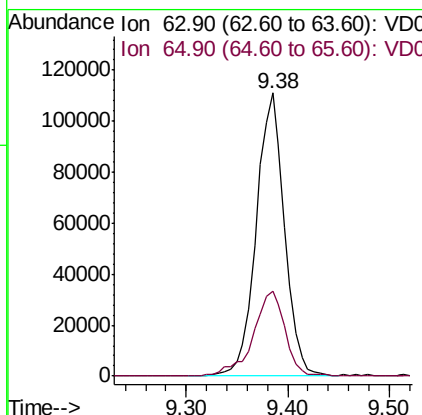
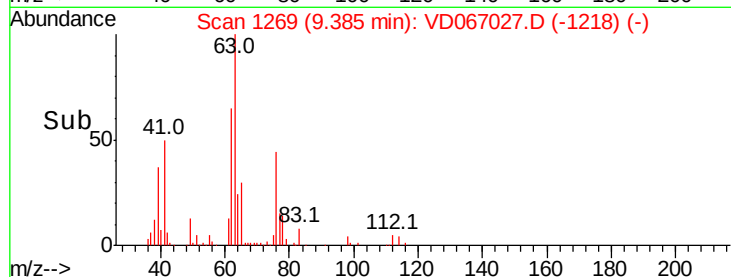
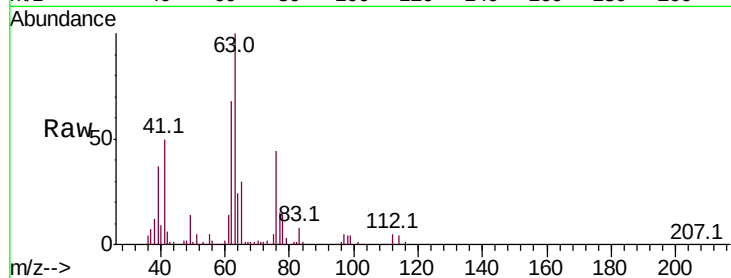
VSTDCCC050

Tot Ion: 63 Resp: 215732

Ion Ratio Lower Upper

63 100

65 30.0 23.7 35.5



#46

Dibromomethane

Concen: 47.738 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

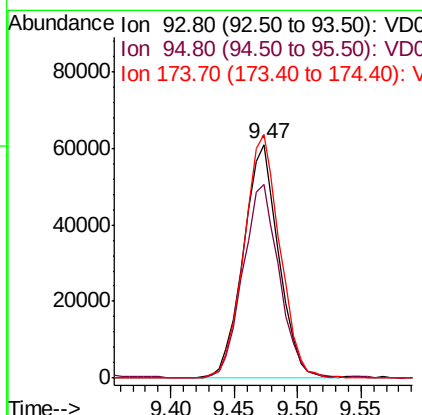
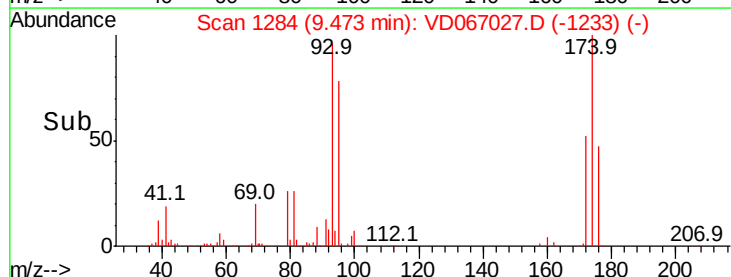
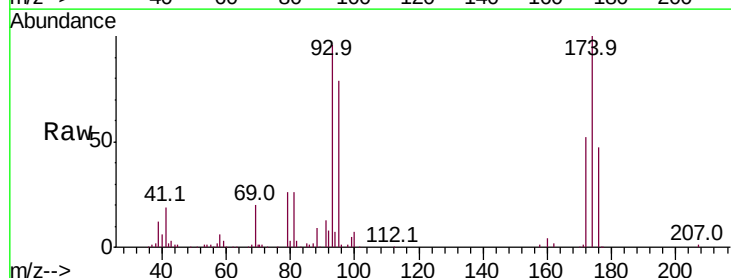
Tgt Ion: 93 Resp: 118349

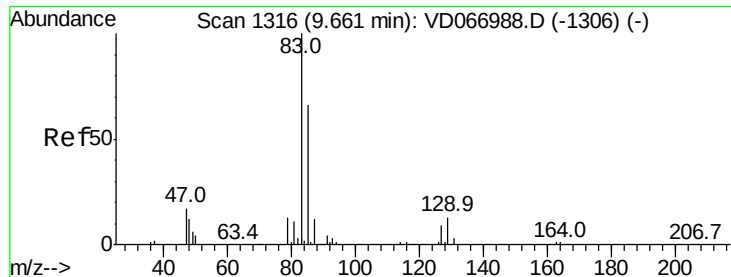
Ion Ratio Lower Upper

93 100

95 85.5 64.7 97.1

174 106.1 81.4 122.2

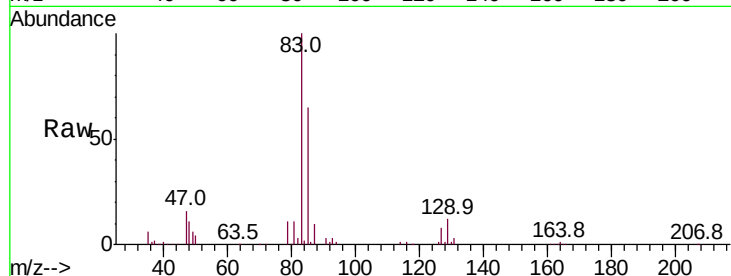




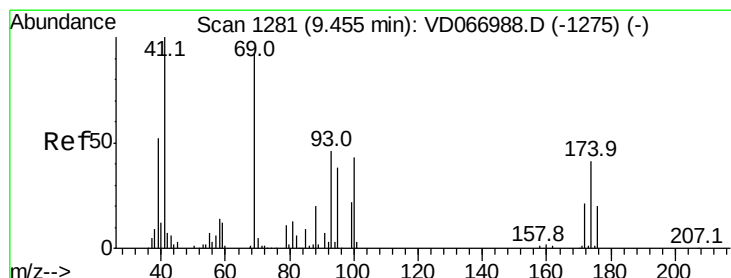
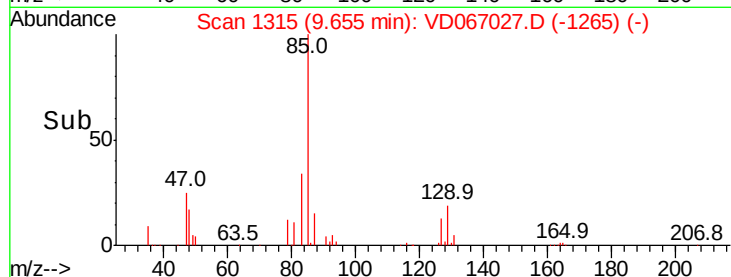
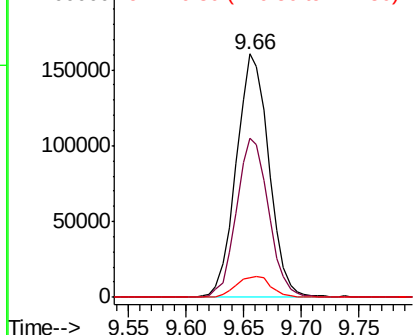
#47
Bromodichloromethane
Concen: 48.900 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 315127
Ion Ratio Lower Upper
83 100
85 65.2 52.9 79.3
127 8.1 7.3 10.9

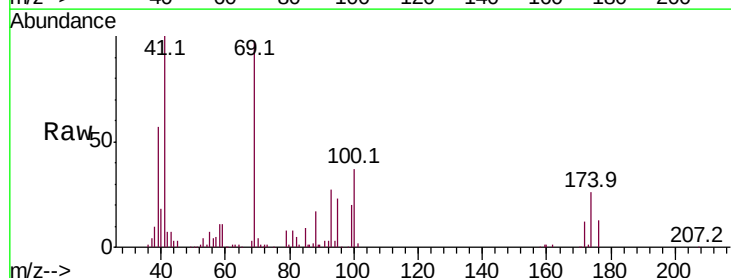


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

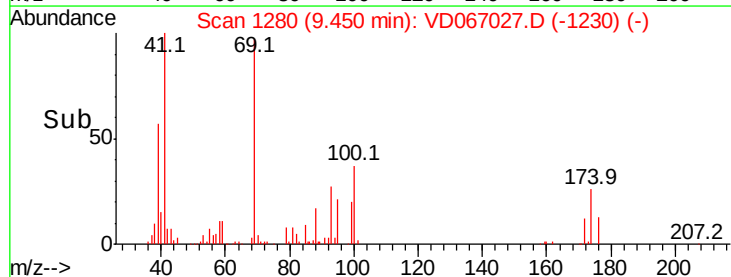
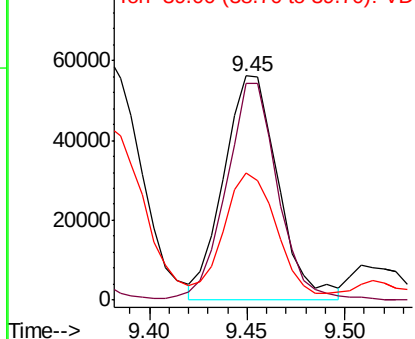


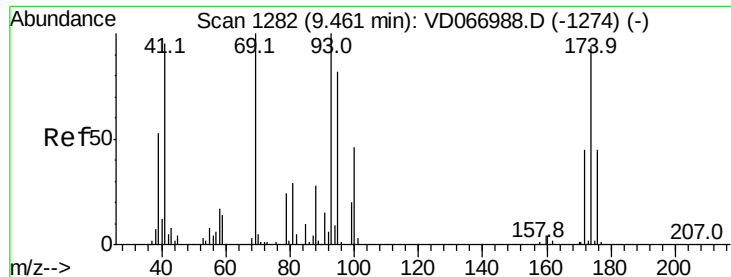
#48
Methyl methacrylate
Concen: 50.051 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 41 Resp: 108157
Ion Ratio Lower Upper
41 100
69 91.8 68.5 102.7
39 49.8 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: 1015.611 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

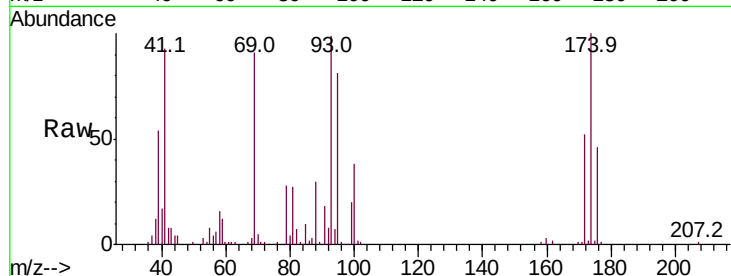
Tot Ion: 88 Resp: 26278

Ion Ratio Lower Upper

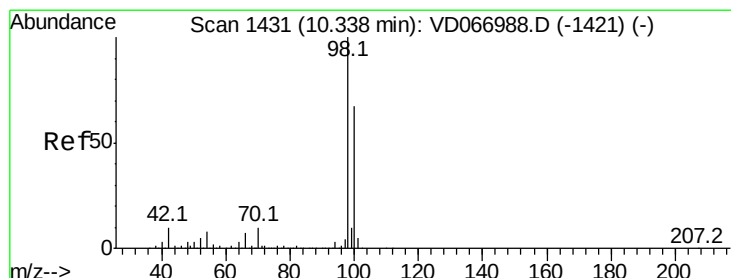
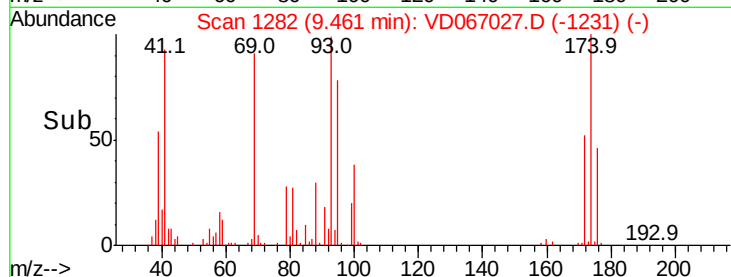
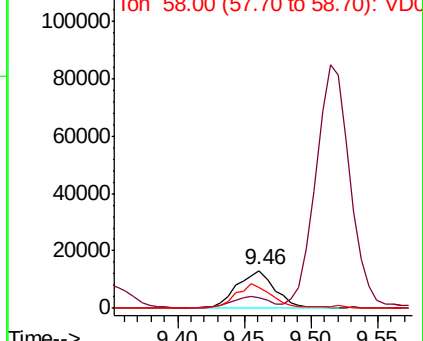
88 100

43 33.0 25.6 38.4

58 60.4 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: 50.774 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067027.D

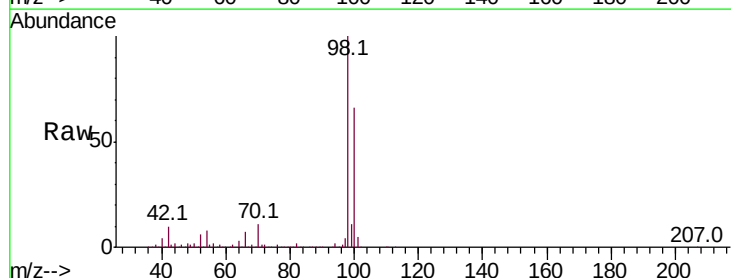
Acq: 02 Oct 2020 11:18

Tgt Ion: 98 Resp: 858868

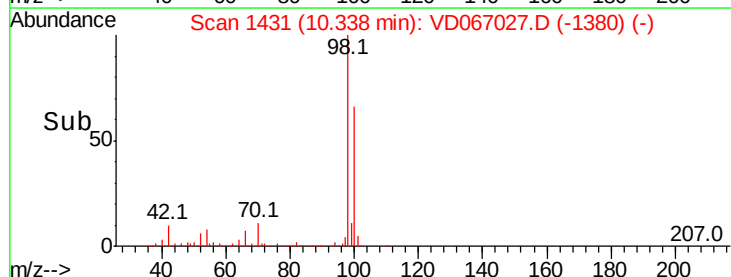
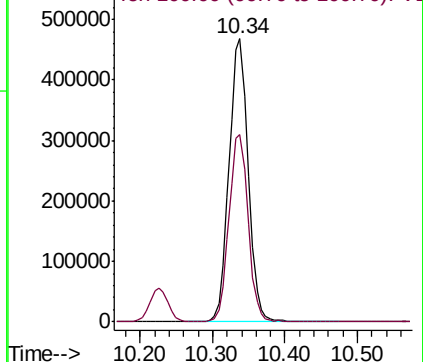
Ion Ratio Lower Upper

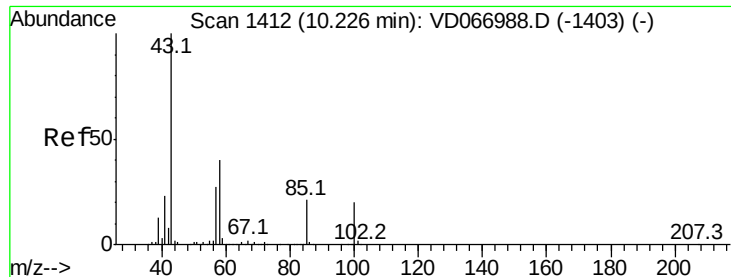
98 100

100 66.1 52.8 79.2



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

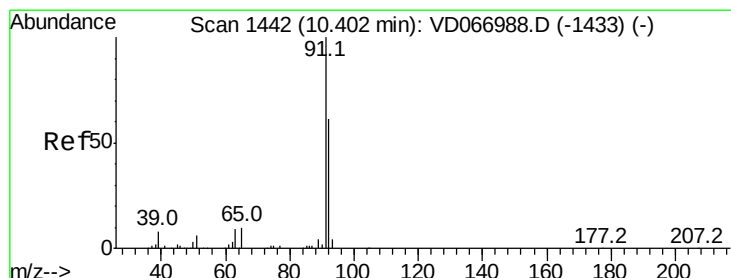
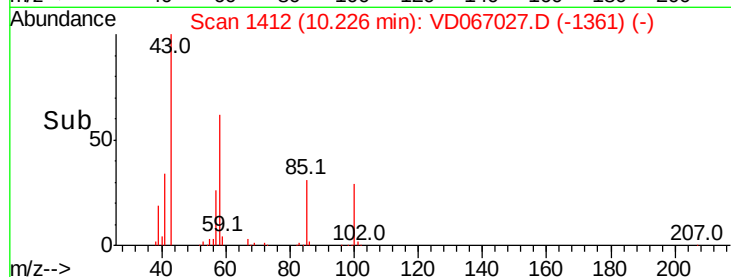
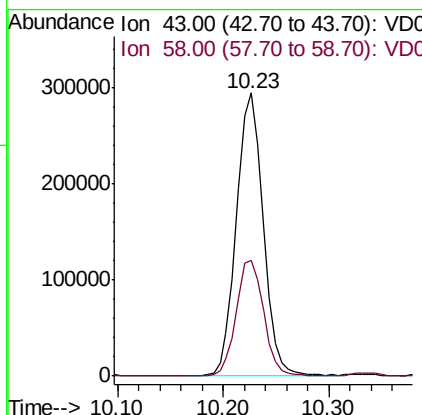
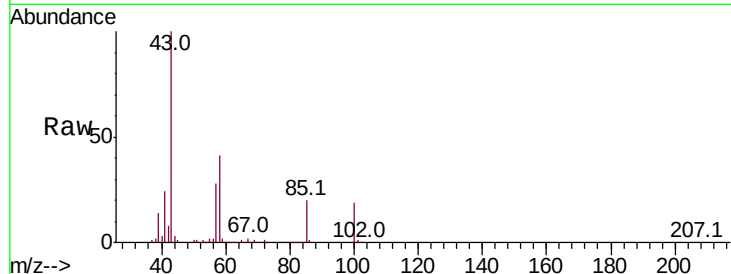




#51
 4-Methyl-2-Pentanone
 Concen: 247.074 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

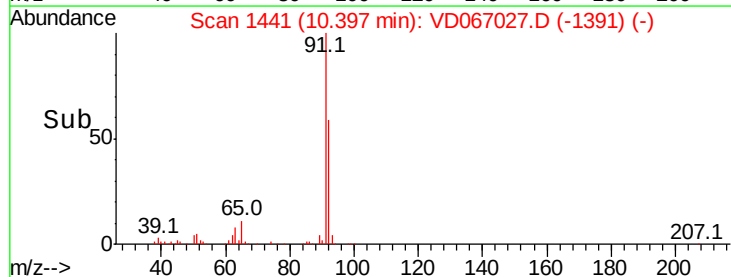
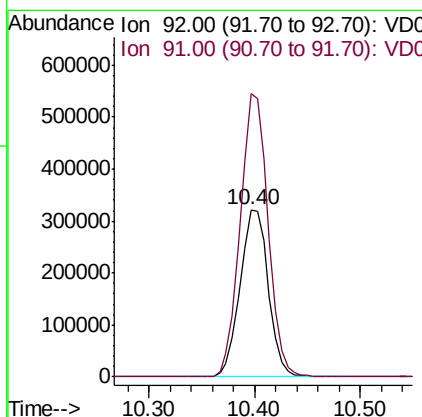
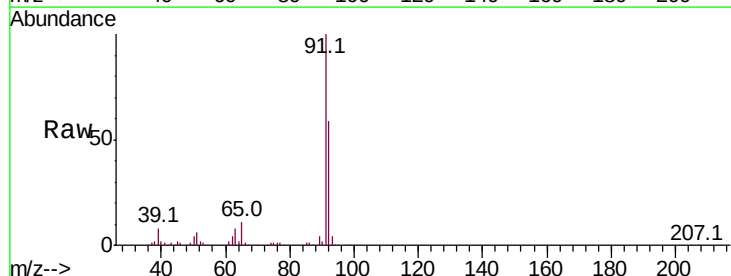
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

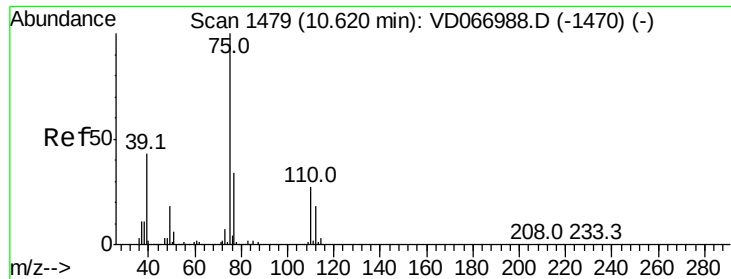
Tot Ion: 43 Resp: 519101
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.8 50.8



#52
 Toluene
 Concen: 50.547 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion: 92 Resp: 597752
 Ion Ratio Lower Upper
 92 100
 91 167.1 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 48.446 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

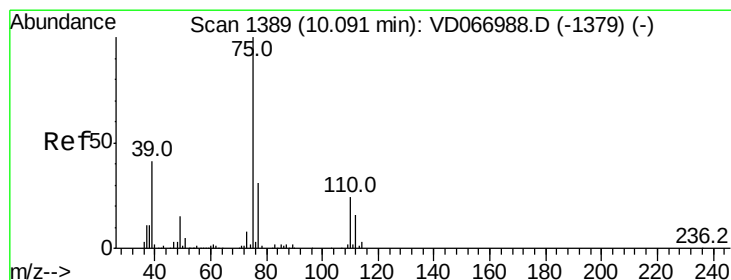
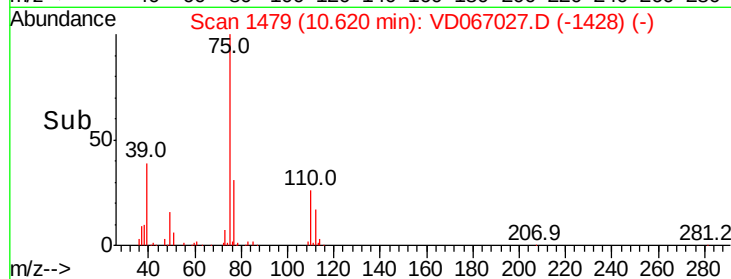
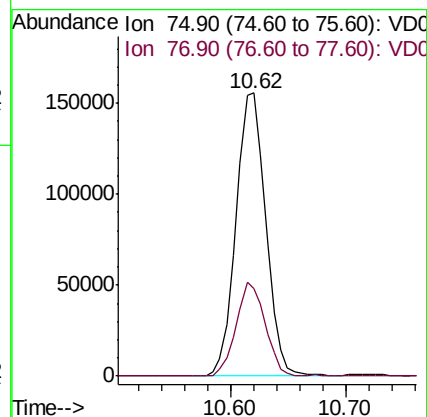
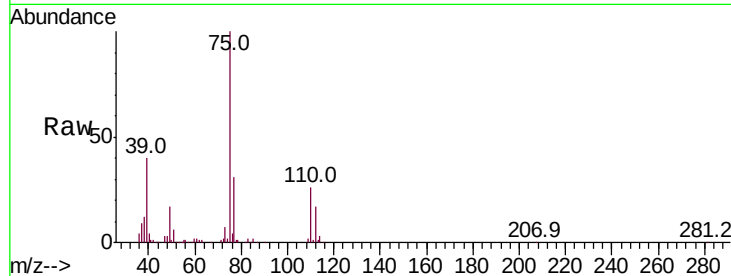
VSTDCCC050

Tot Ion: 75 Resp: 279026

Ion Ratio Lower Upper

75 100

77 30.9 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 48.612 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

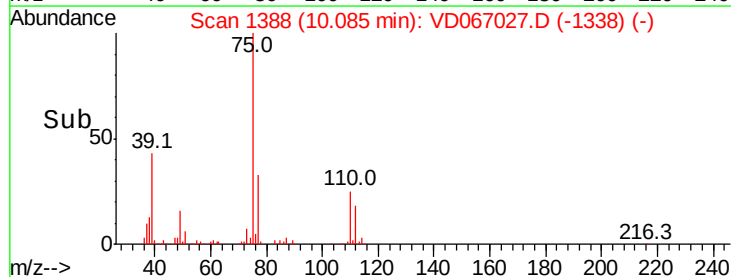
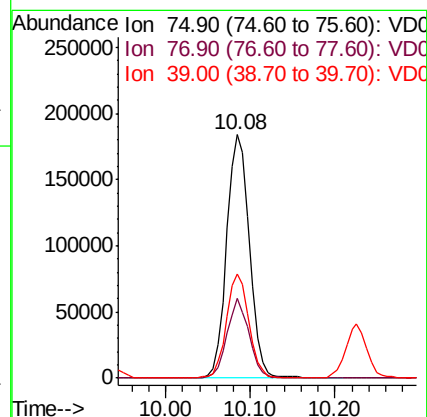
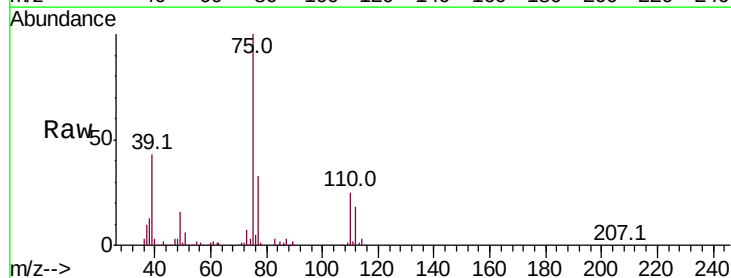
Tgt Ion: 75 Resp: 341890

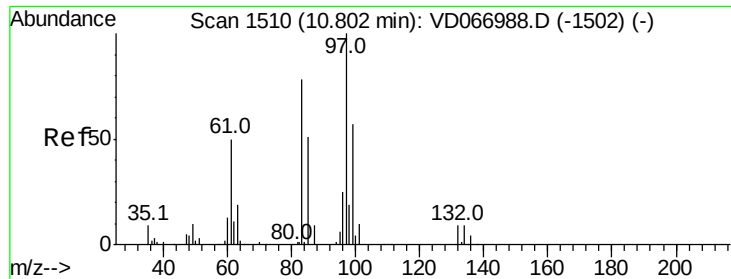
Ion Ratio Lower Upper

75 100

77 32.9 24.6 37.0

39 42.3 33.0 49.4

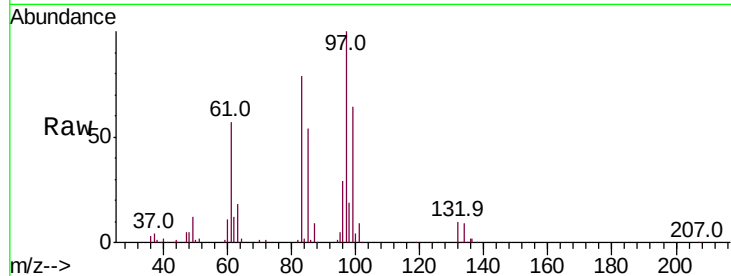




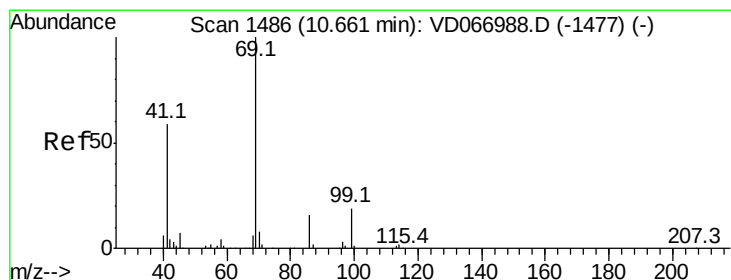
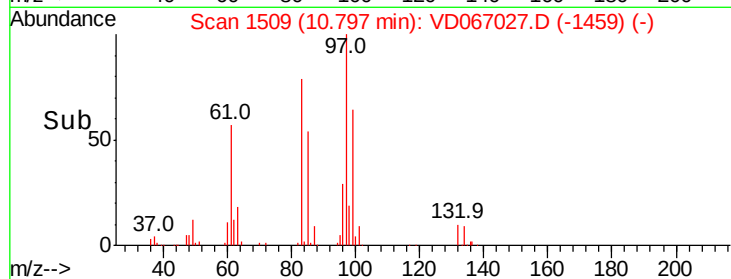
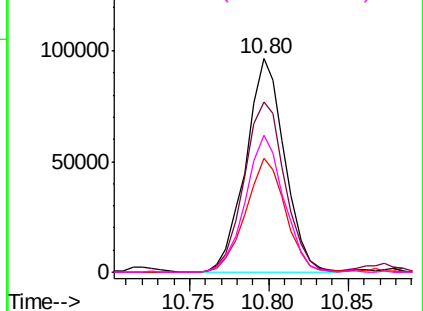
#55
 1,1,2-Trichloroethane
 Concen: 47.682 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	164346
Ion	Ratio	Lower	Upper
97	100		
83	79.5	62.4	93.6
85	53.6	41.0	61.4
99	64.3	45.9	68.9

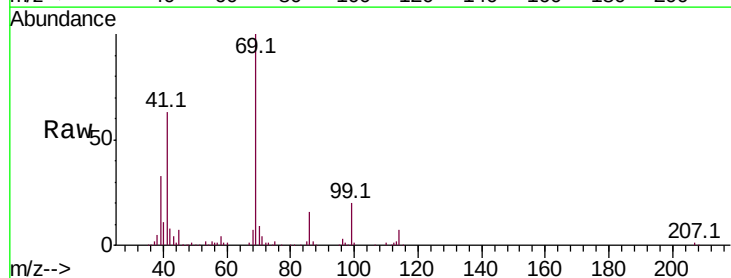


Abundance Ion 96.90 (96.60 to 97.60): VDC
 150000 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

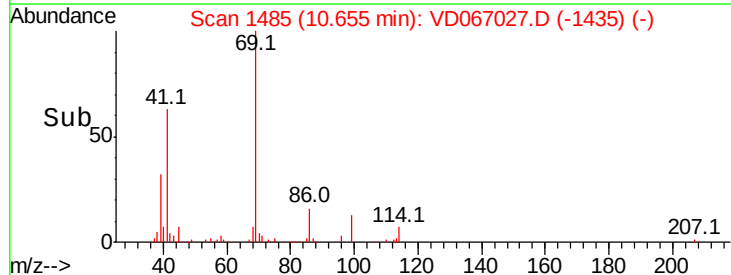
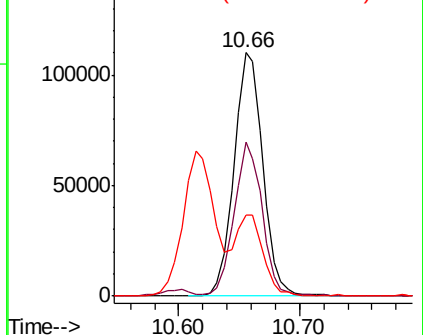


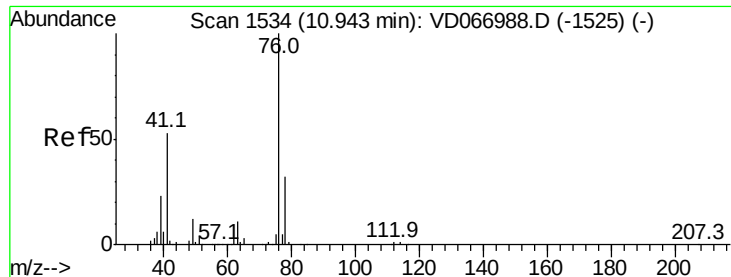
#56
 Ethyl methacrylate
 Concen: 51.368 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion:	69	Resp:	182793
Ion	Ratio	Lower	Upper
69	100		
41	61.1	46.4	69.6
39	29.6	23.8	35.6



Abundance Ion 69.00 (68.70 to 69.70): VDC
 150000 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 48.947 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

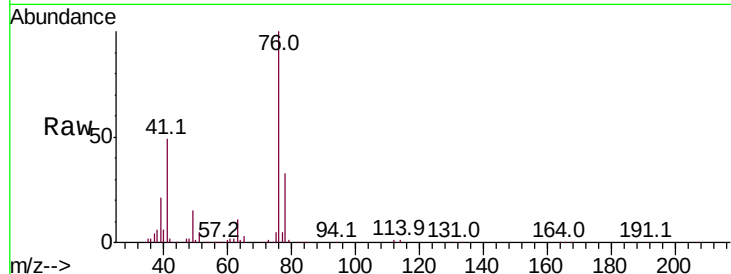
VSTDCCC050

Tot Ion: 76 Resp: 273576

Ion Ratio Lower Upper

76 100

78 33.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.94

150000

100000

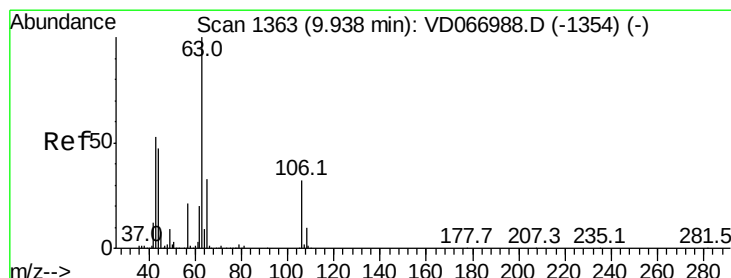
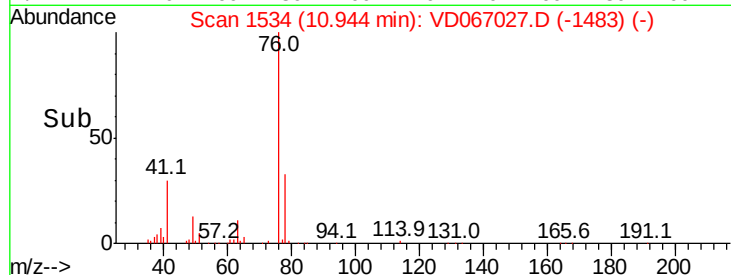
50000

0

Time-->

10.90

11.00



#58

2-Chloroethyl Vinyl ether

Concen: 264.575 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067027.D

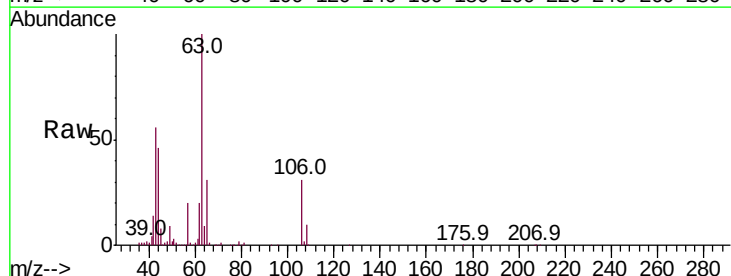
Acq: 02 Oct 2020 11:18

Tgt Ion: 63 Resp: 524022

Ion Ratio Lower Upper

63 100

106 31.2 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

300000

200000

100000

0

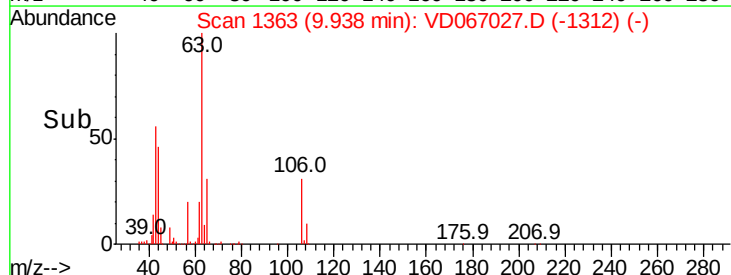
Time-->

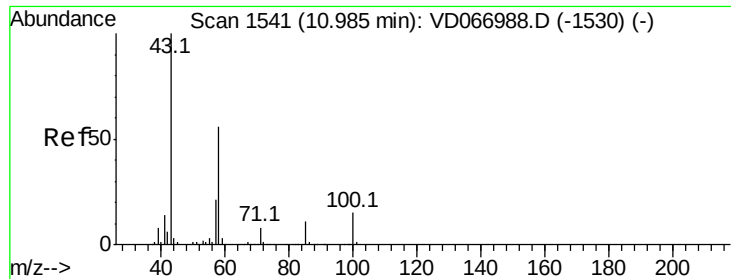
9.80

9.90

10.00

10.10

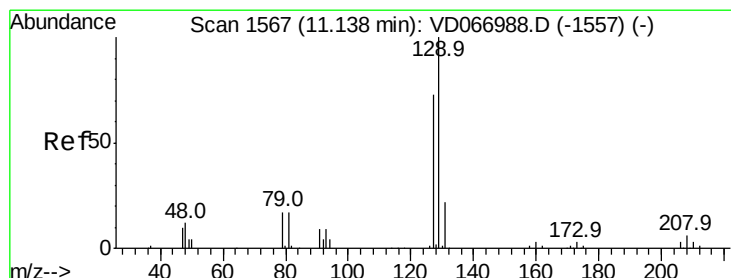
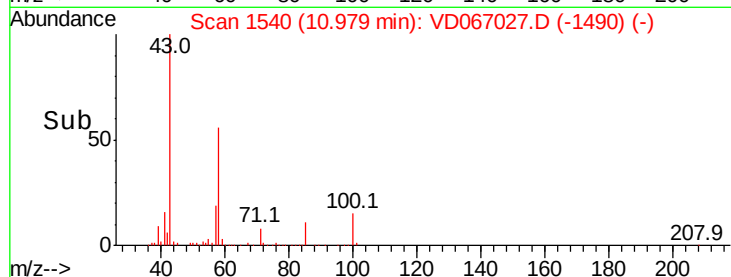
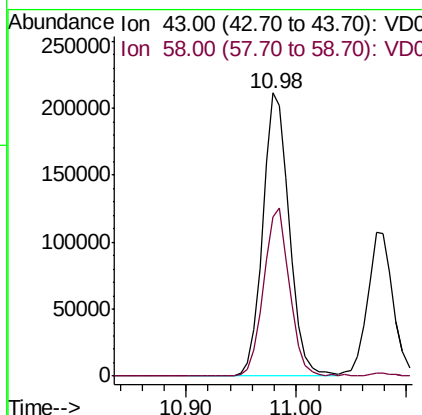
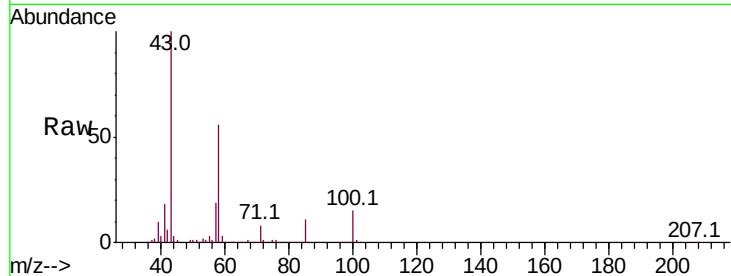




#59
2-Hexanone
Concen: 253.469 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

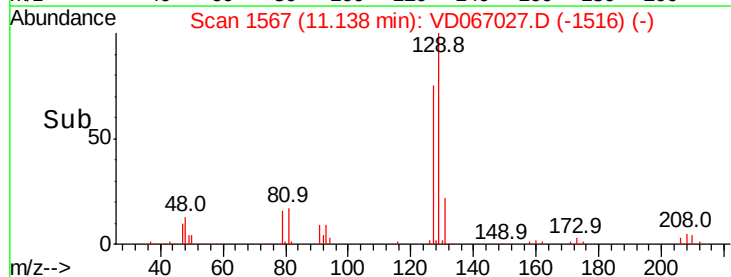
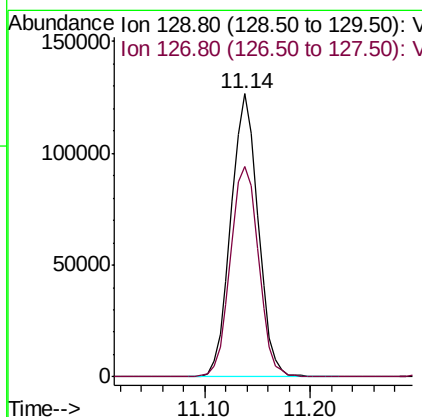
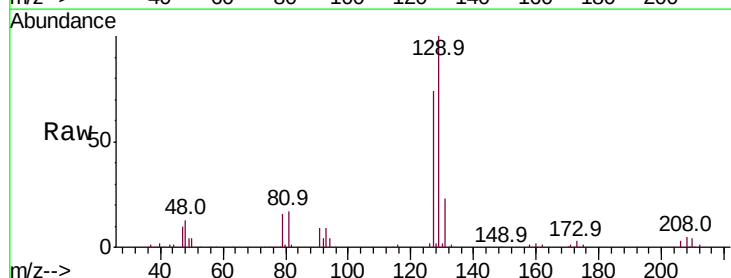
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

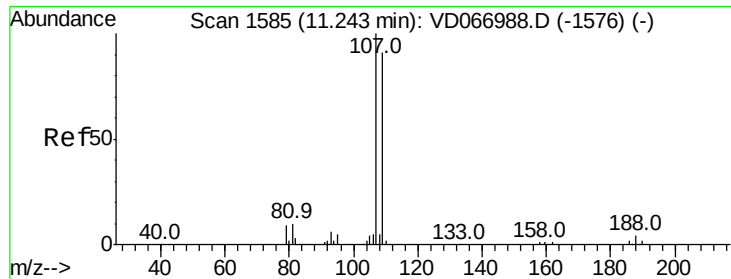
Tot Ion: 43 Resp: 355437
Ion Ratio Lower Upper
43 100
58 58.2 28.3 84.9



#60
Dibromochloromethane
Concen: 48.985 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 129 Resp: 225032
Ion Ratio Lower Upper
129 100
127 77.1 37.4 112.1

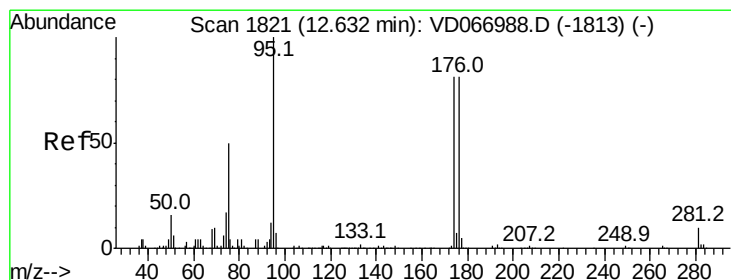
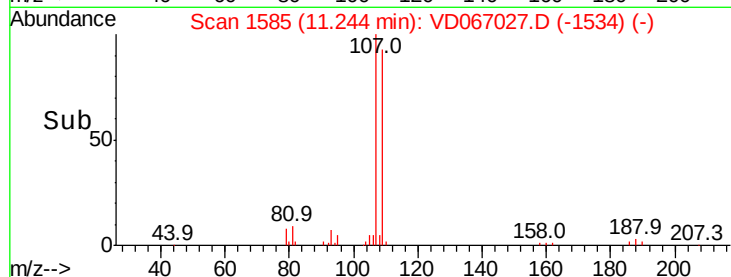
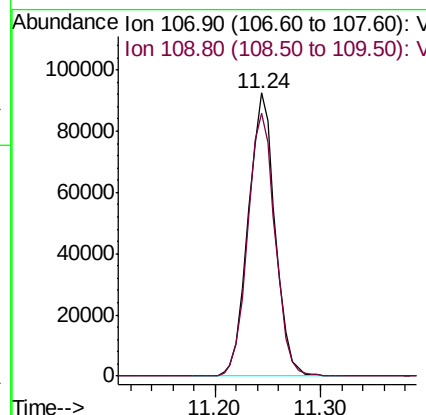
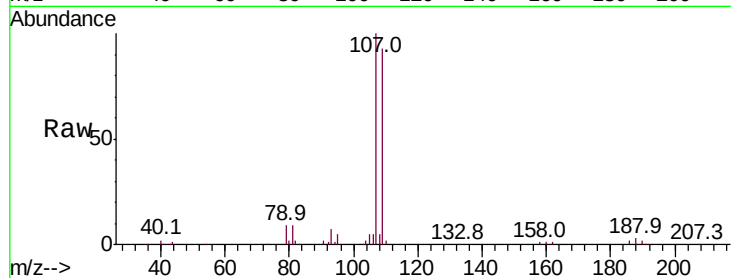




#61
 1,2-Dibromoethane
 Concen: 49.244 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

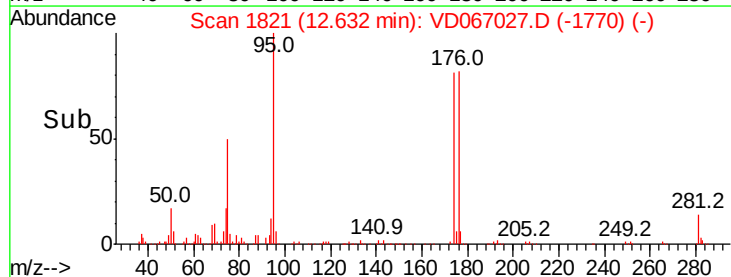
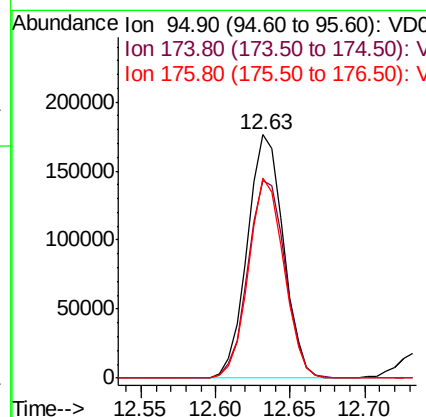
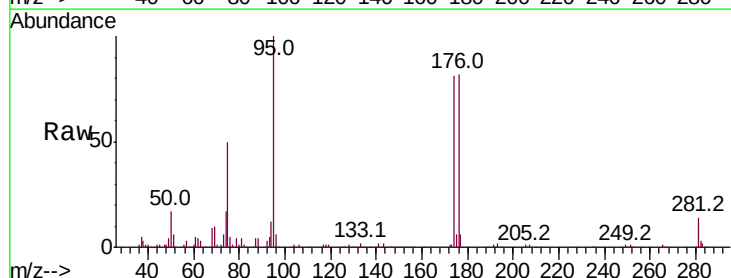
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

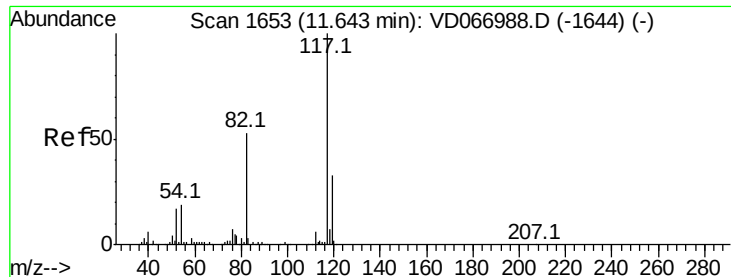
Tot Ion:107 Resp: 163064
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 51.312 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion: 95 Resp: 294652
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 167.6
 176 80.3 0.0 162.4

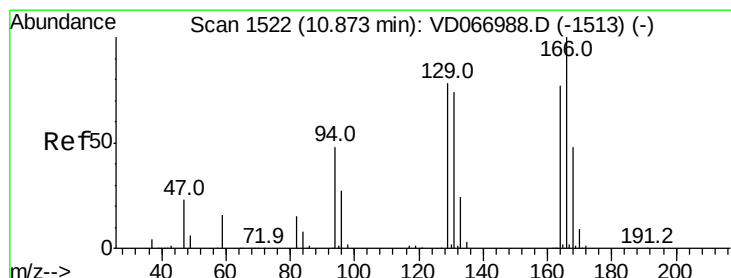
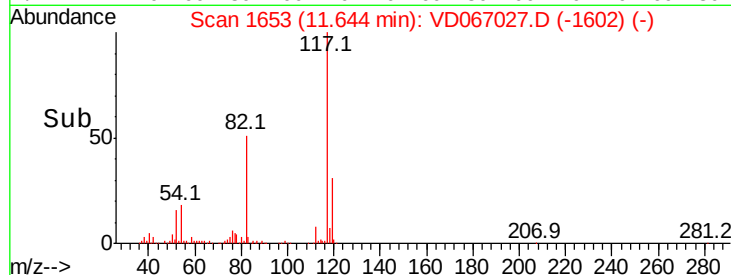
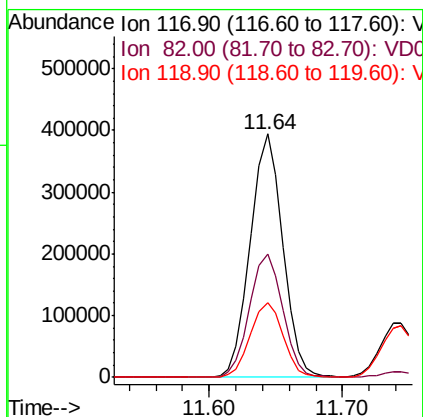
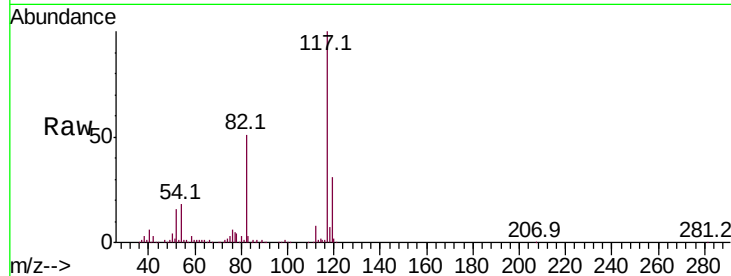




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

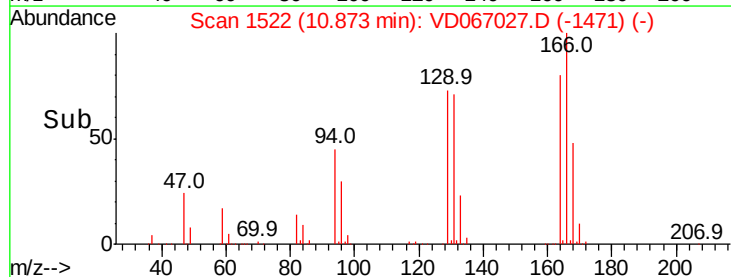
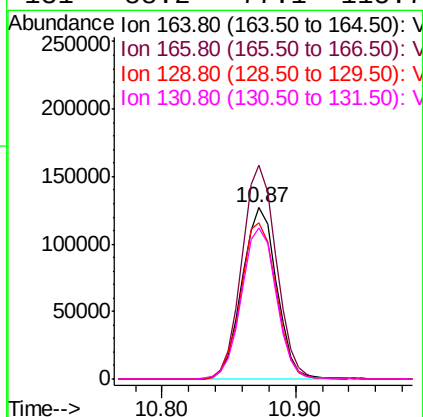
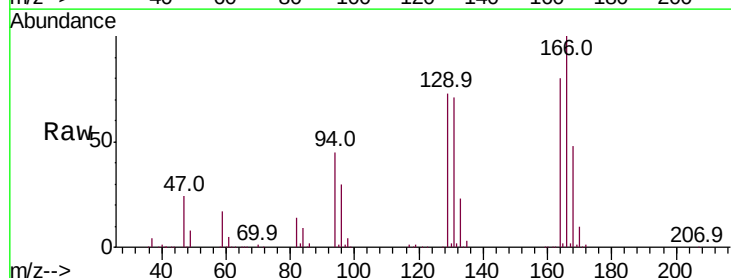
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

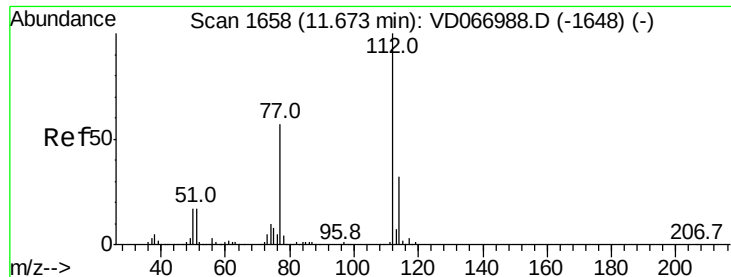
Tot Ion:117 Resp: 664042
Ion Ratio Lower Upper
117 100
82 50.6 42.6 63.8
119 30.7 26.3 39.5



#64
Tetrachloroethene
Concen: 46.989 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion:164 Resp: 226846
Ion Ratio Lower Upper
164 100
166 124.6 104.4 156.6
129 90.9 81.3 121.9
131 88.2 77.1 115.7

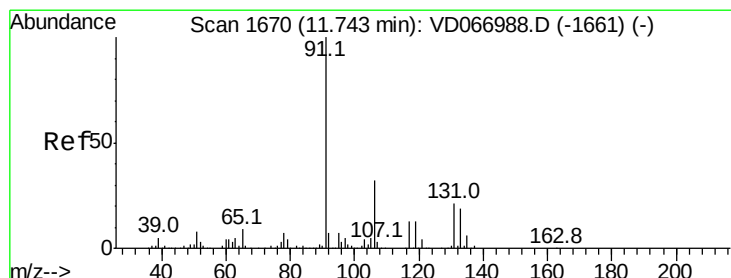
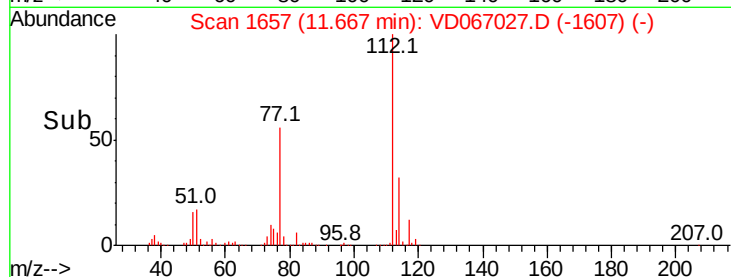
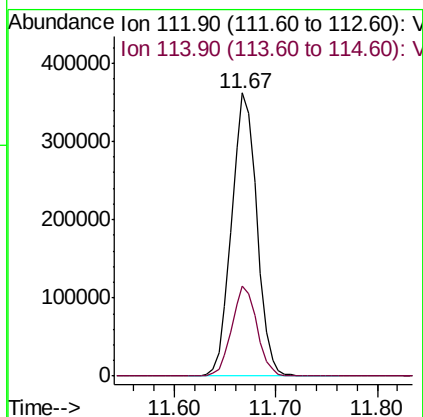
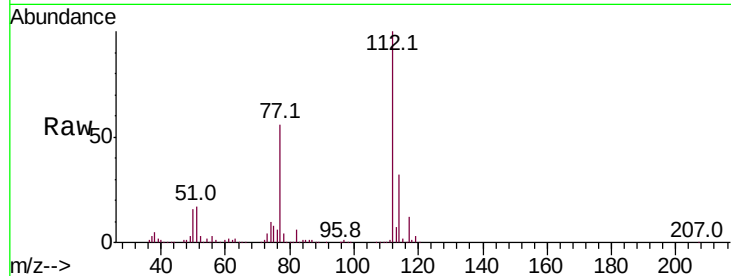




#65
Chlorobenzene
Concen: 47.387 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

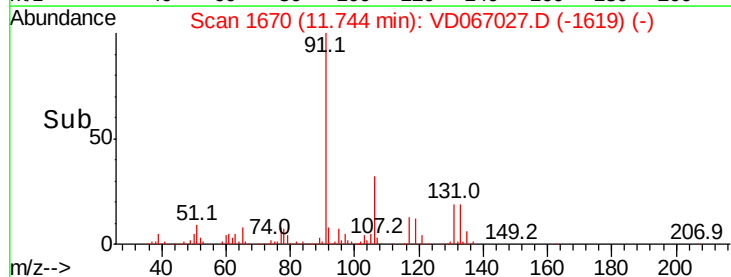
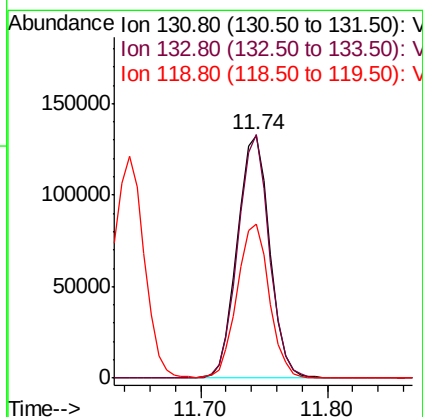
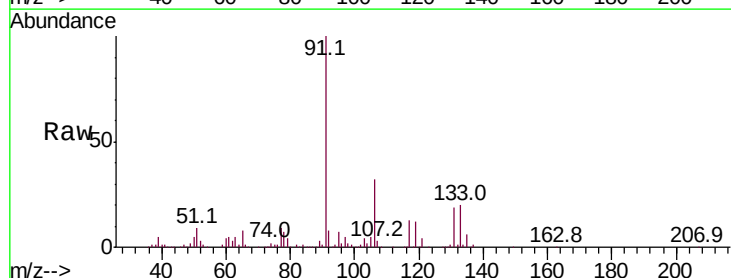
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

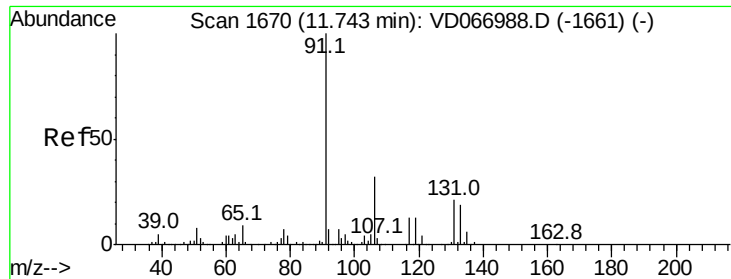
Tot Ion:112 Resp: 625832
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 46.825 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion:131 Resp: 235236
Ion Ratio Lower Upper
131 100
133 97.6 47.8 143.3
119 63.1 32.3 96.8

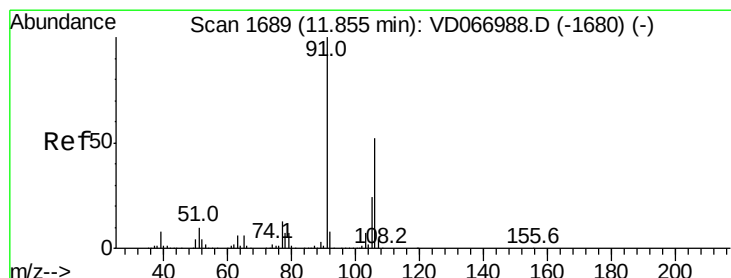
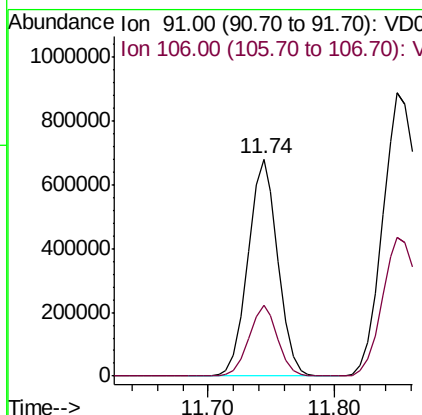
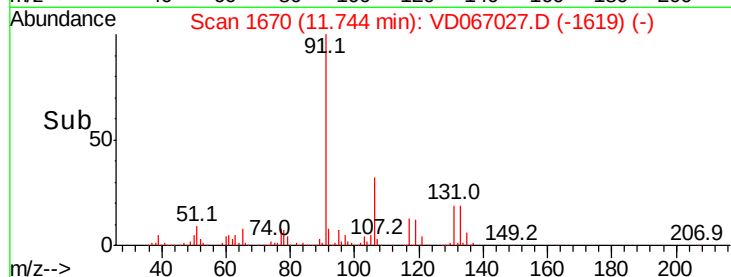
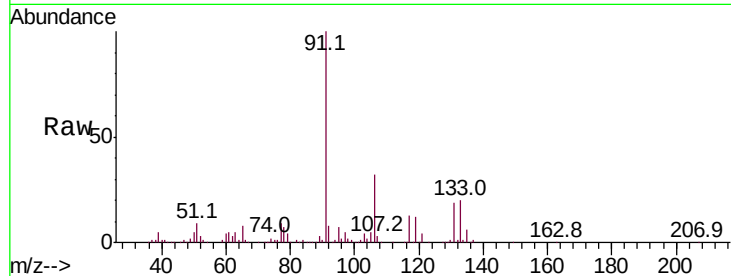




#67
Ethyl Benzene
Concen: 49.101 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

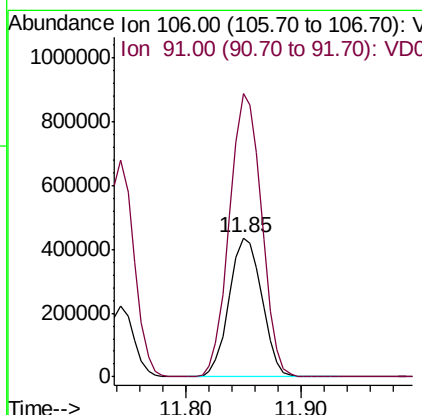
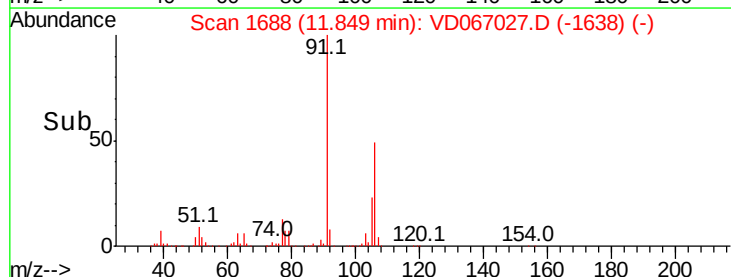
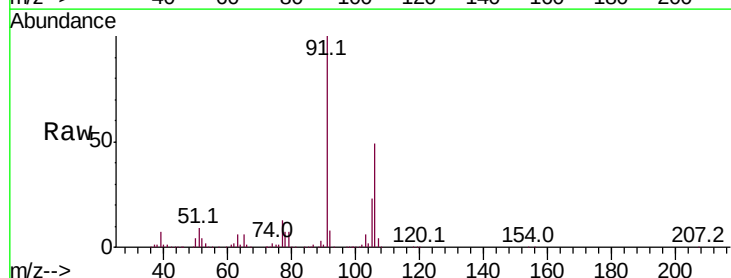
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

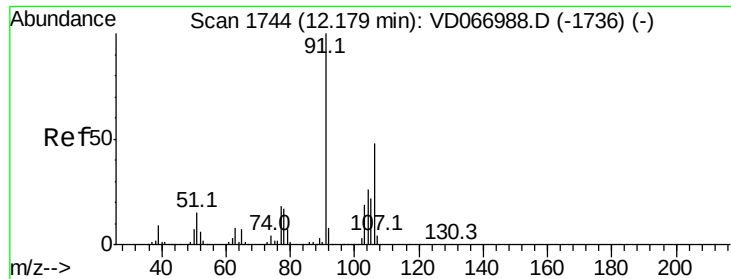
Tot Ion: 91 Resp: 1111099
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 97.339 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 106 Resp: 858412
Ion Ratio Lower Upper
106 100
91 199.8 158.4 237.6

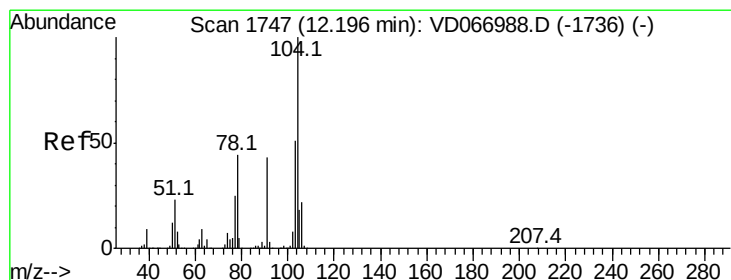
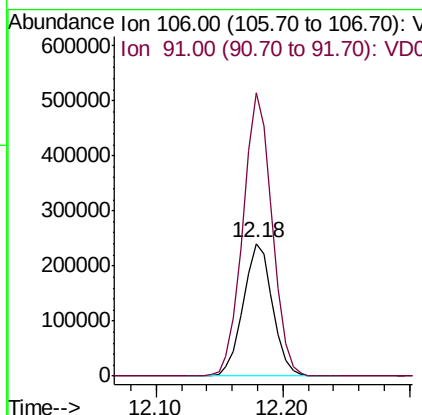
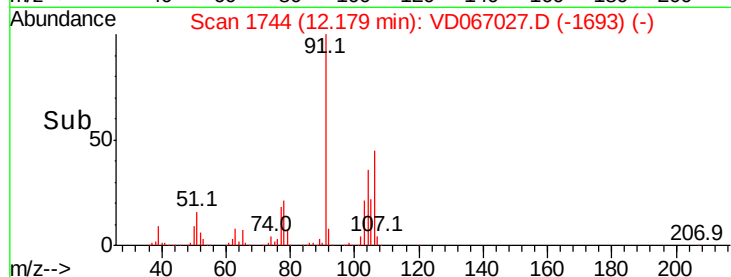
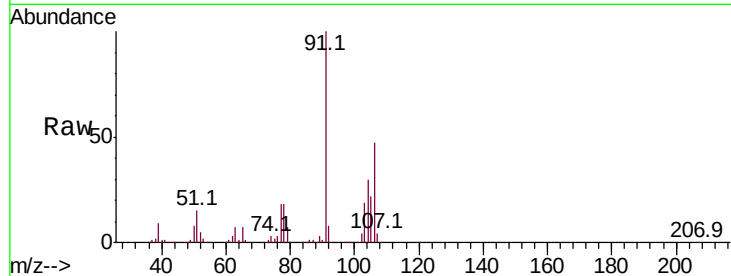




#69
o-Xylene
Concen: 49.026 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

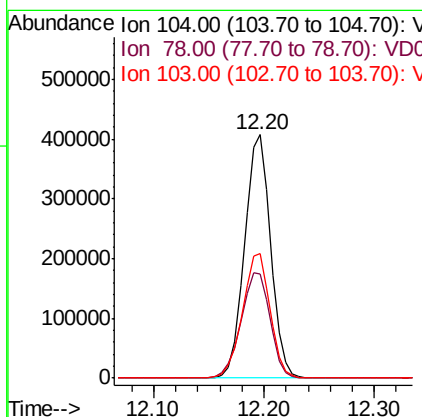
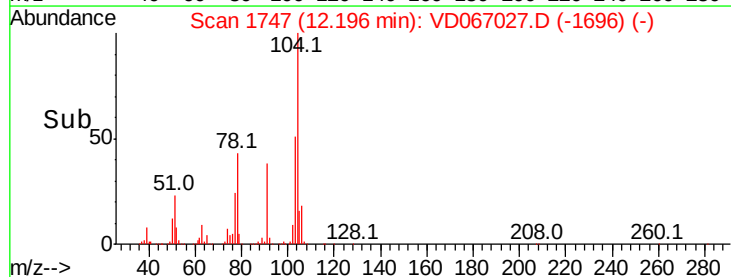
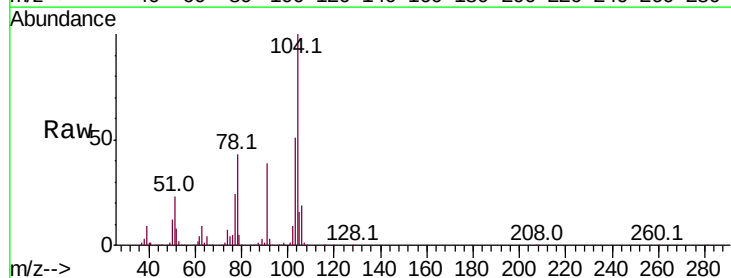
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

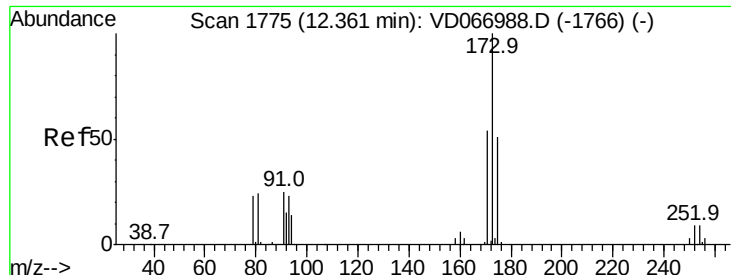
Tot Ion:106 Resp: 386632
Ion Ratio Lower Upper
106 100
91 211.9 102.4 307.2



#70
Styrene
Concen: 50.033 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion:104 Resp: 677541
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 47.874 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

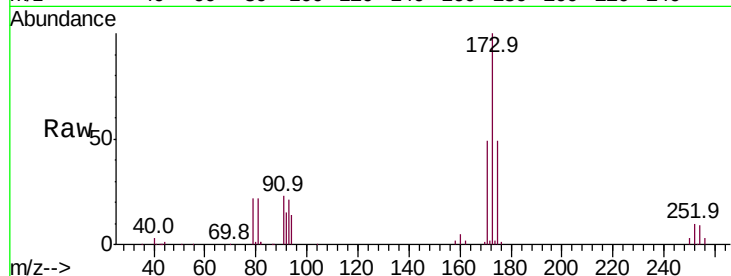
Tot Ion:173 Resp: 124842

Ion Ratio Lower Upper

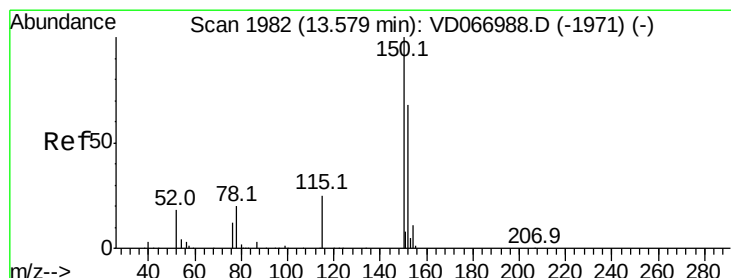
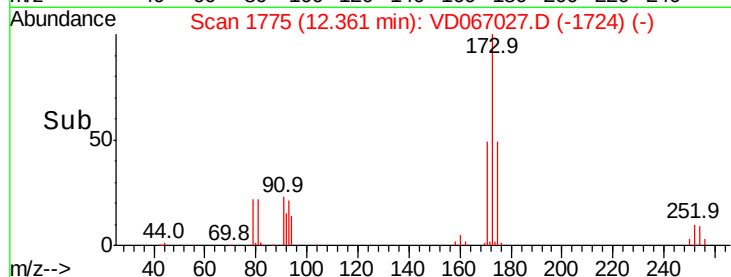
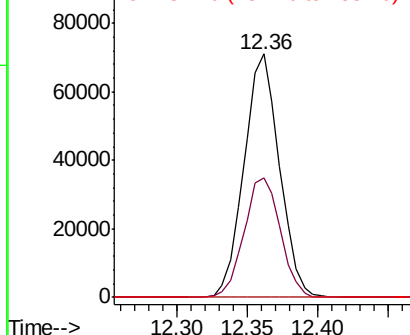
173 100

175 50.4 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: VD067027.D

Acq: 02 Oct 2020 11:18

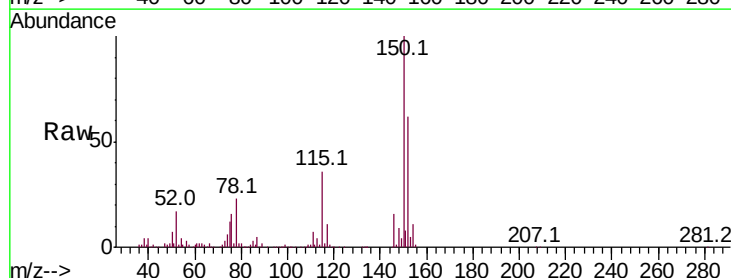
Tgt Ion:152 Resp: 319237

Ion Ratio Lower Upper

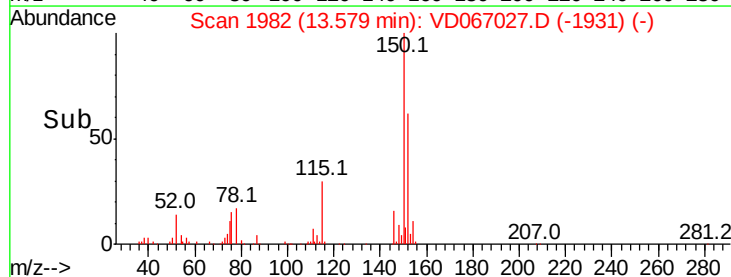
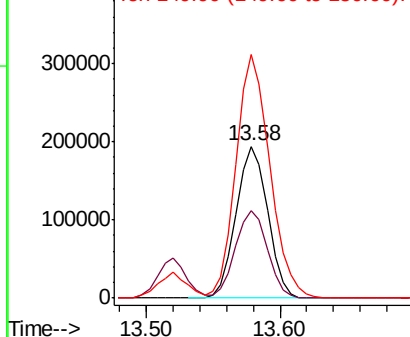
152 100

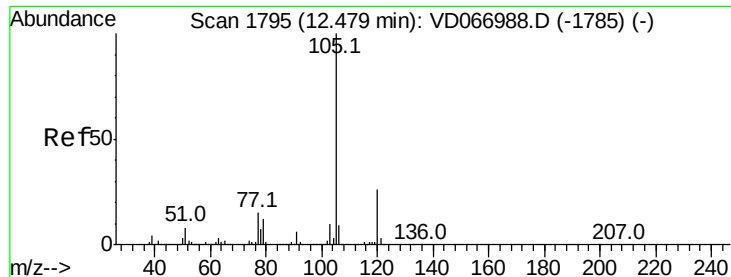
115 58.5 29.6 88.8

150 172.2 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: 50.118 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

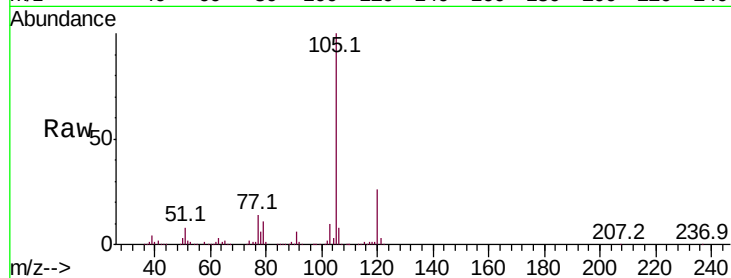
VSTDCCC050

Tot Ion:105 Resp: 1086383

Ion Ratio Lower Upper

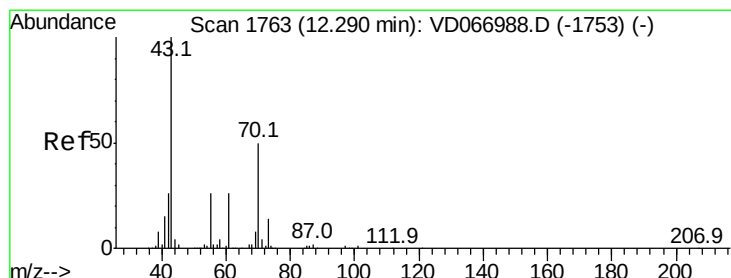
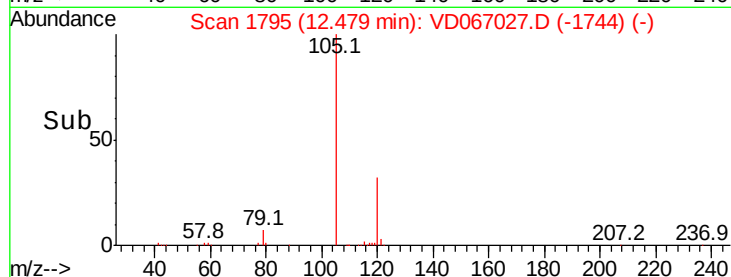
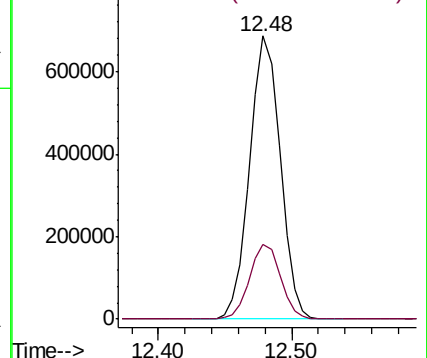
105 100

120 26.7 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: 48.845 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion: 43 Resp: 190337

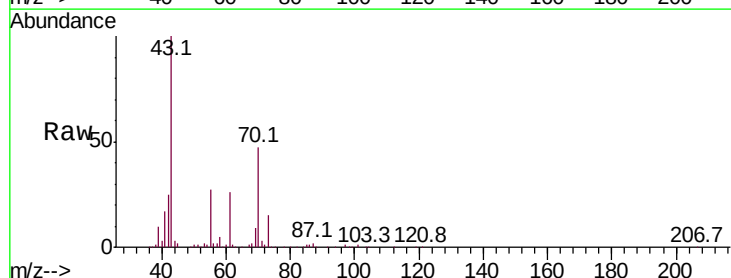
Ion Ratio Lower Upper

43 100

70 48.0 38.2 57.2

55 28.4 22.4 33.6

61 25.8 20.6 31.0

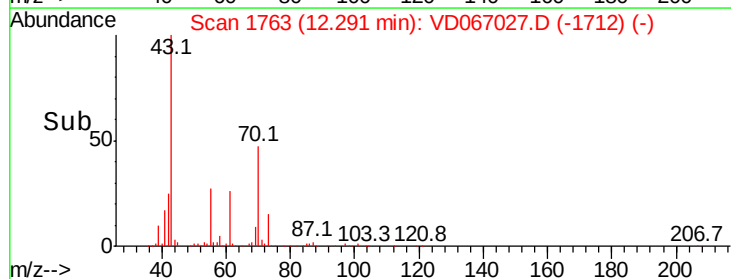
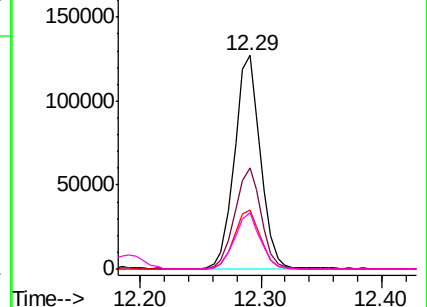


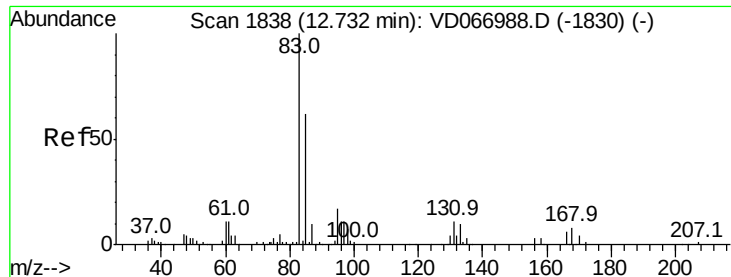
Abundance Ion 43.00 (42.70 to 43.70): V

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: 47.090 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

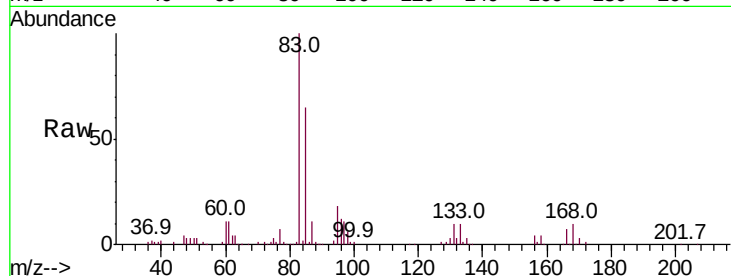
Tot Ion: 83 Resp: 171981

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

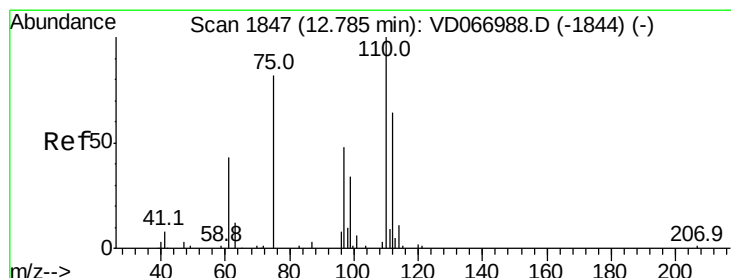
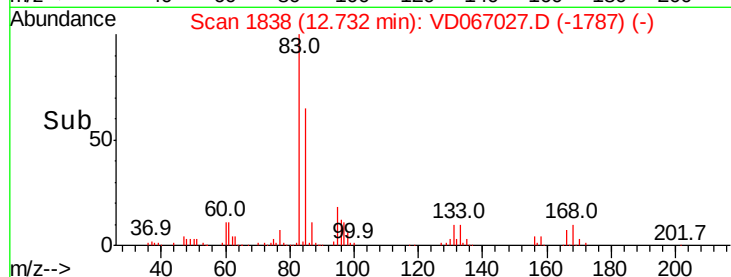
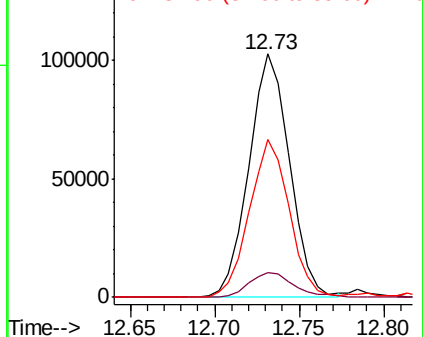
85 63.6 32.0 96.2



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: 81.155 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067027.D

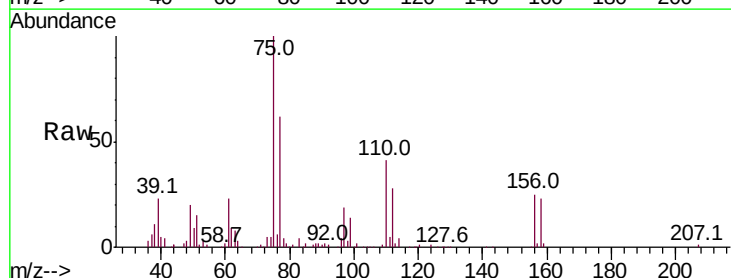
Acq: 02 Oct 2020 11:18

Tgt Ion: 75 Resp: 225664

Ion Ratio Lower Upper

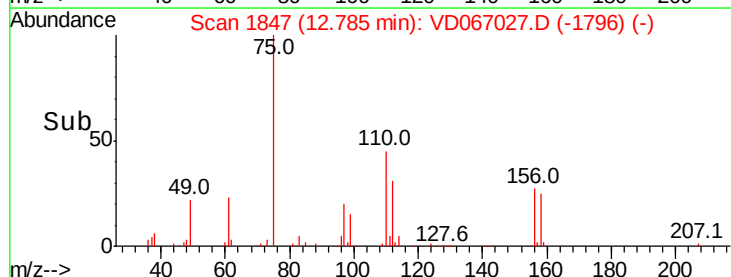
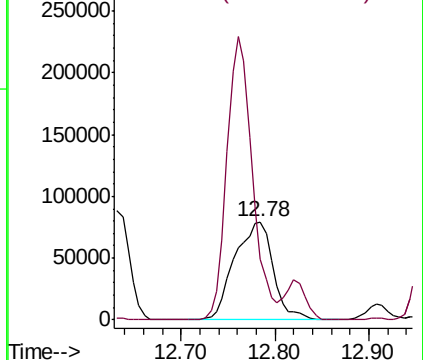
75 100

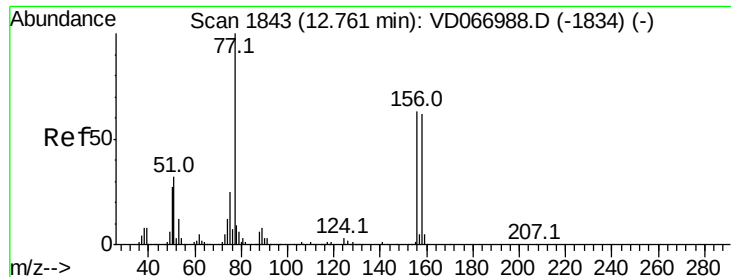
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.135 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

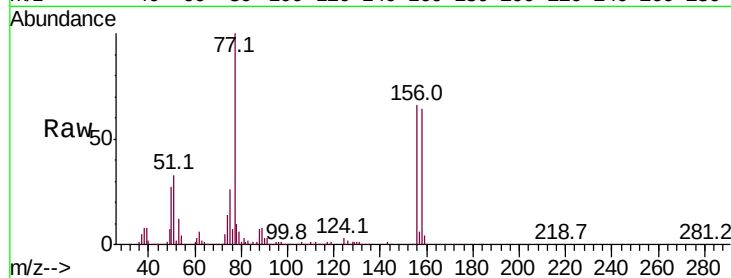
Tot Ion:156 Resp: 257177

Ion Ratio Lower Upper

156 100

77 168.0 86.3 258.8

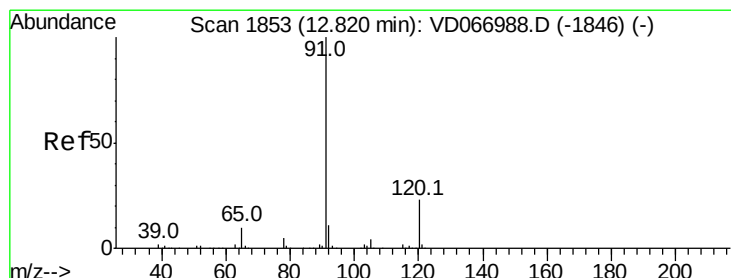
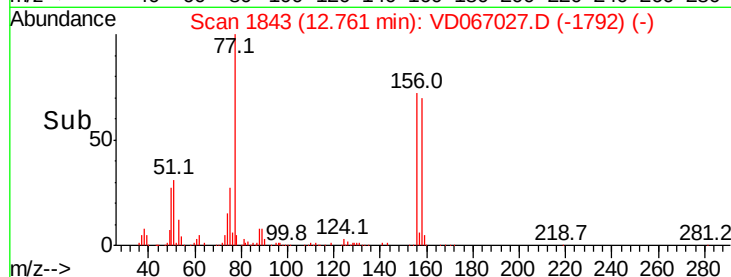
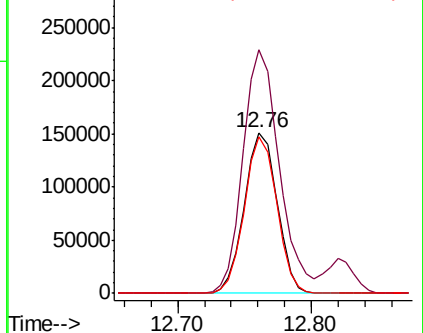
158 95.9 49.5 148.3



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: 49.616 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067027.D

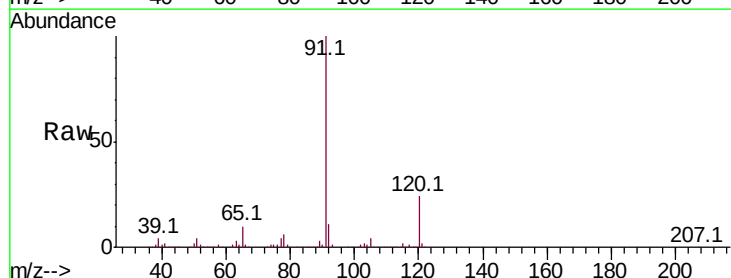
Acq: 02 Oct 2020 11:18

Tgt Ion: 91 Resp: 1271062

Ion Ratio Lower Upper

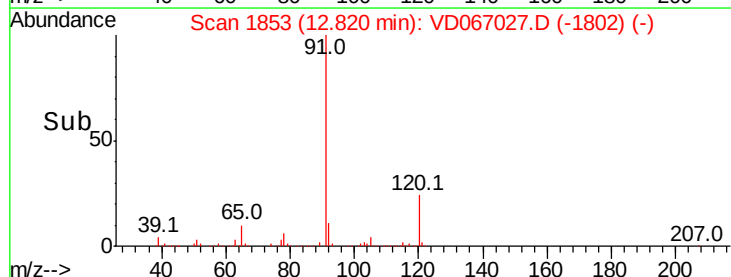
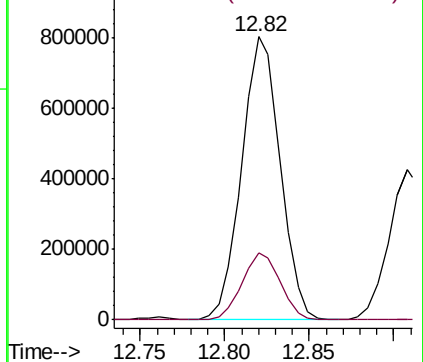
91 100

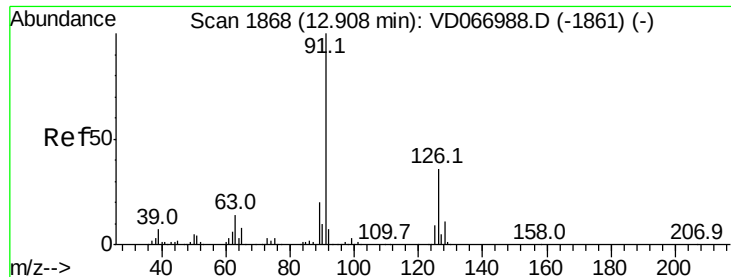
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

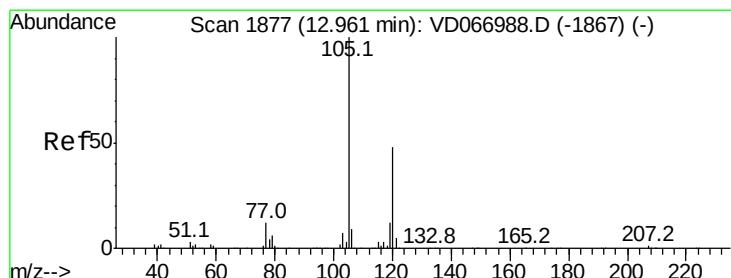
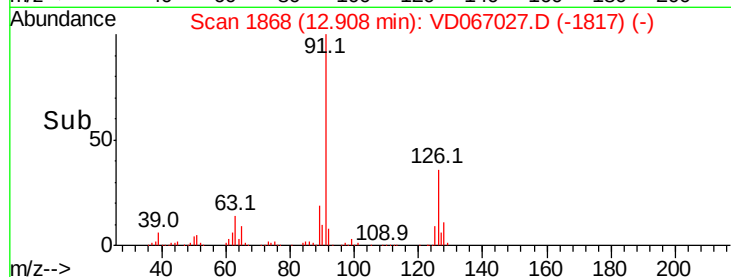
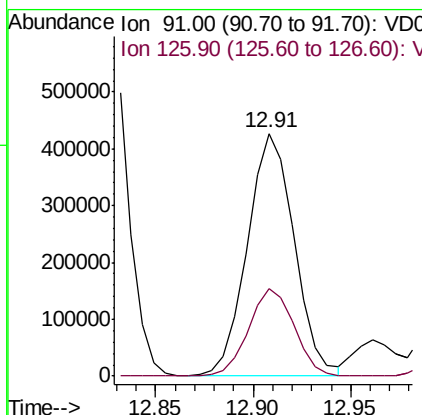
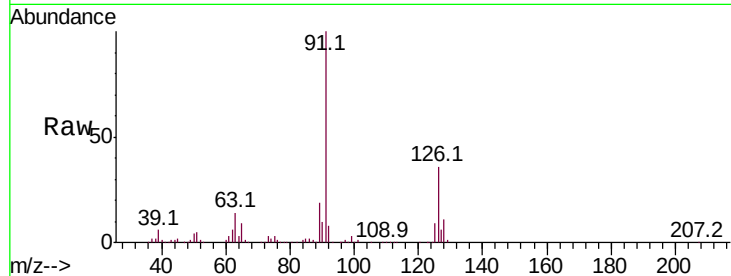




#79
2-Chlorotoluene
Concen: 48.437 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

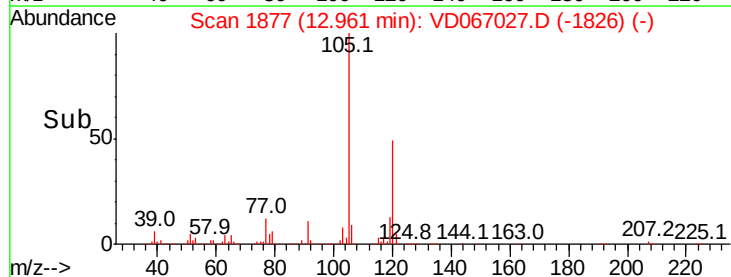
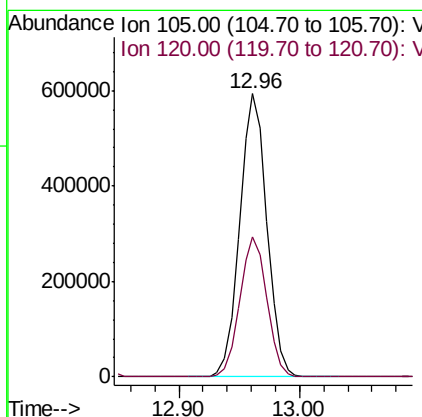
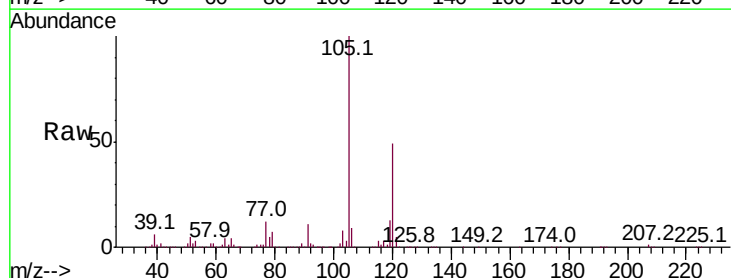
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

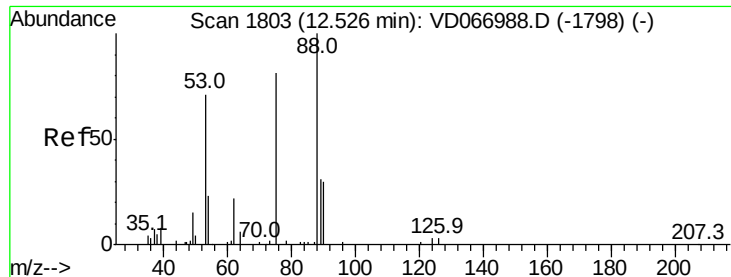
Tot Ion: 91 Resp: 709958
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 50.681 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion:105 Resp: 928190
Ion Ratio Lower Upper
105 100
120 49.4 24.6 74.0

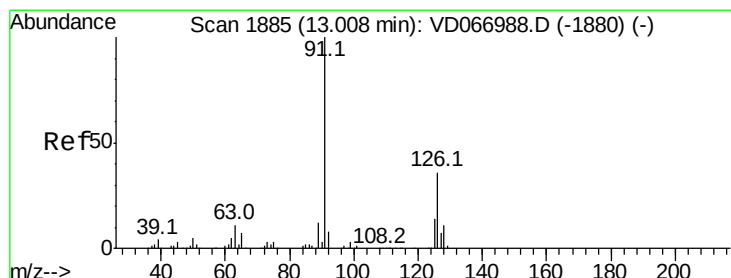
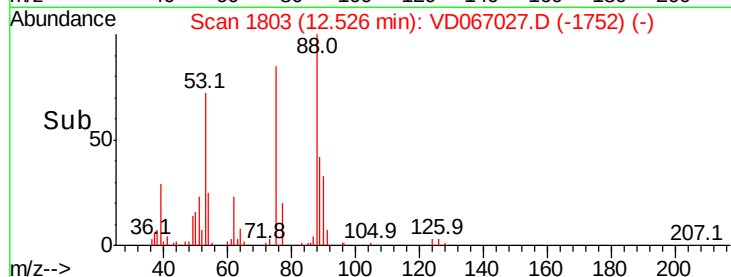
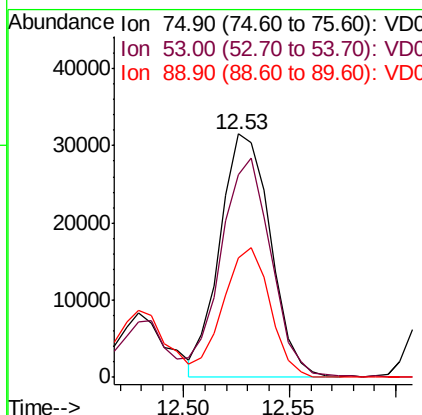
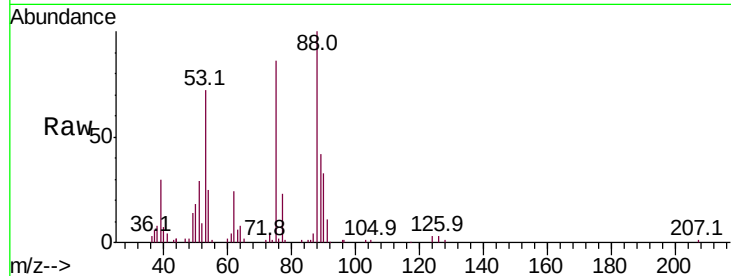




#81
trans-1,4-Dichloro-2-butene
Concen: 47.098 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

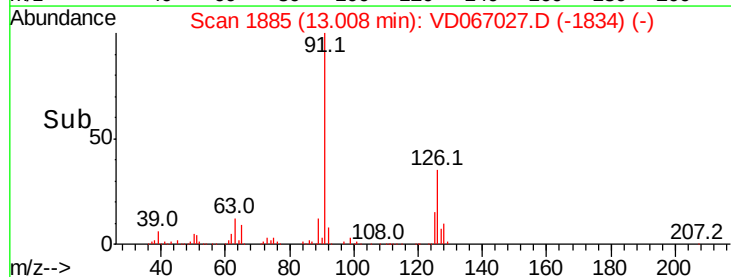
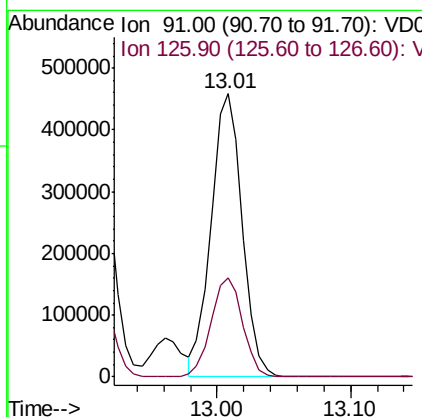
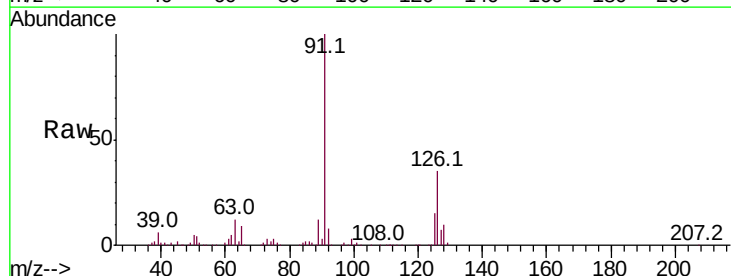
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

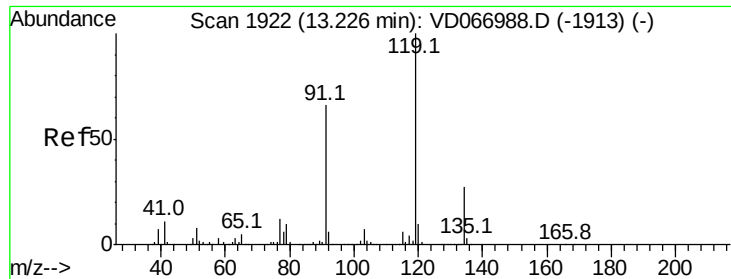
Tot Ion: 75 Resp: 52530
Ion Ratio Lower Upper
75 100
53 90.5 73.8 110.6
89 49.4 38.9 58.3



#82
4-Chlorotoluene
Concen: 47.954 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 91 Resp: 747817
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5

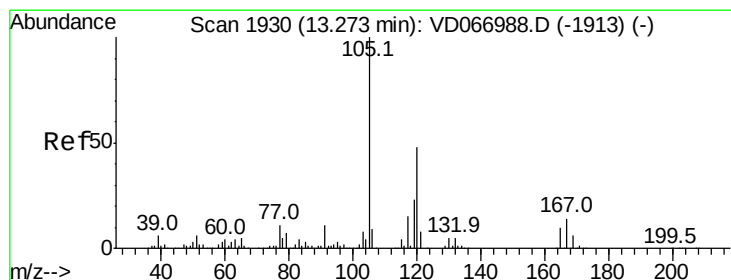
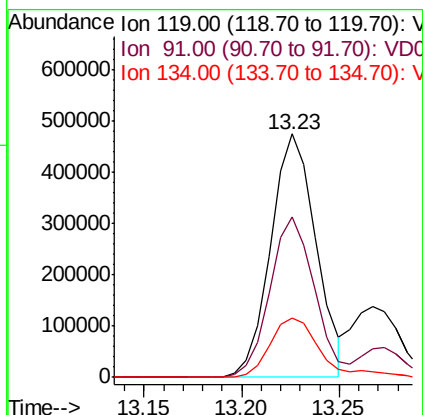
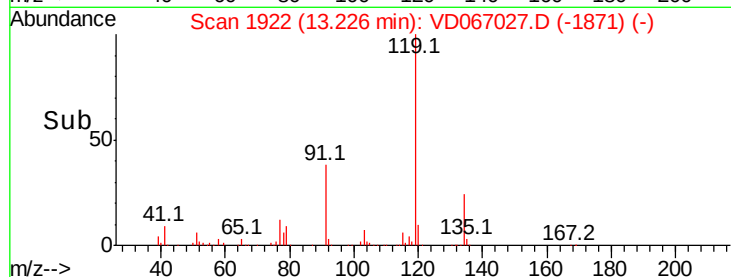
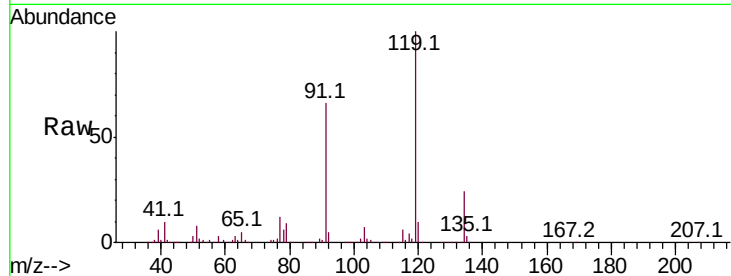




#83
tert-Butylbenzene
Concen: 49.394 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

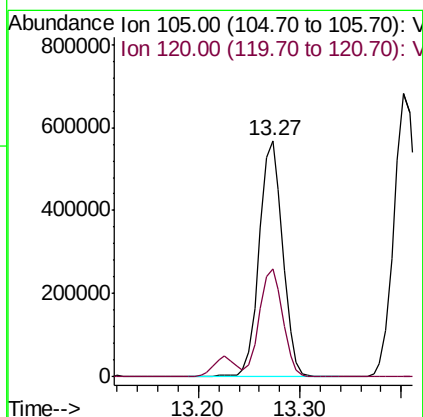
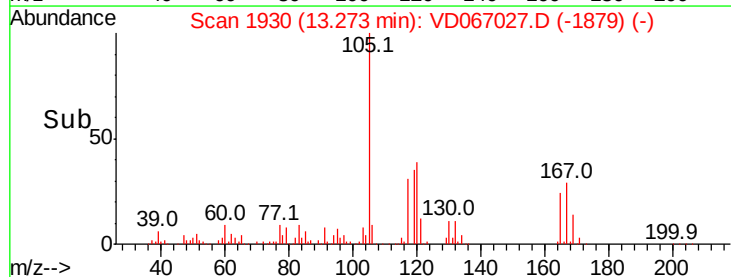
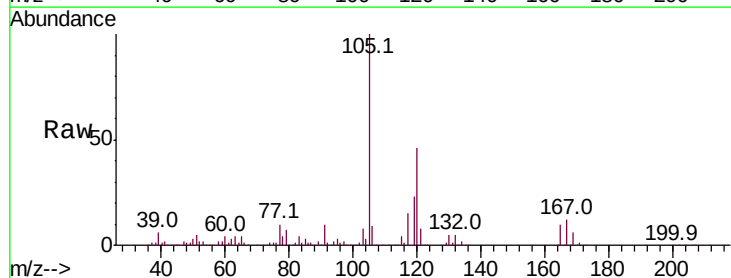
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

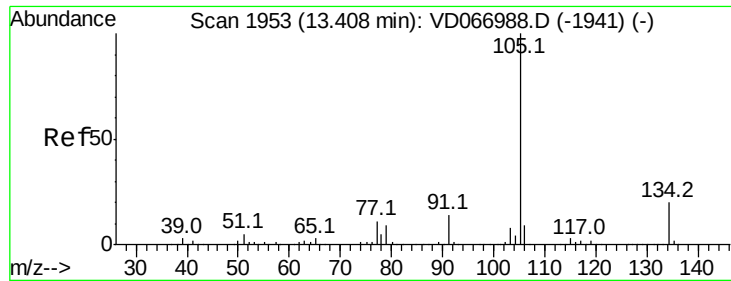
Tot Ion:119 Resp: 761773
Ion Ratio Lower Upper
119 100
91 65.2 32.8 98.3
134 27.2 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 49.905 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion:105 Resp: 912106
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 49.744 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

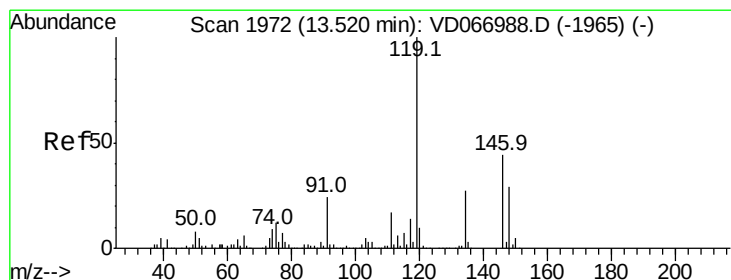
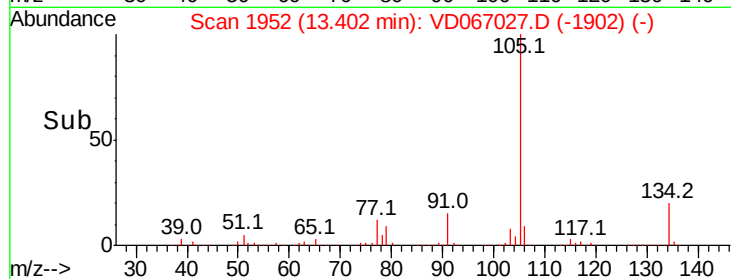
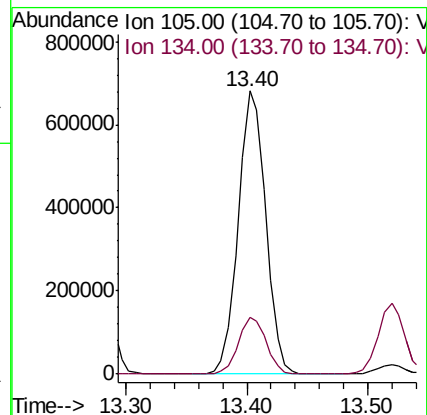
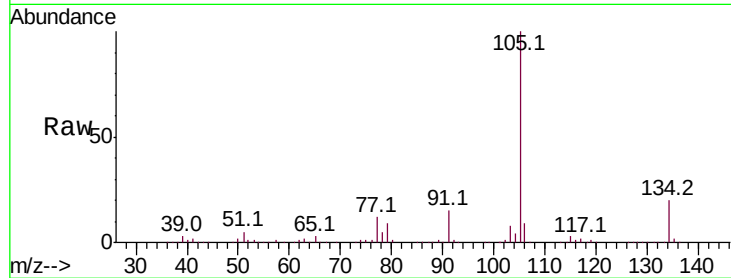
VSTDCCC050

Tot Ion:105 Resp: 1080377

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 49.630 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

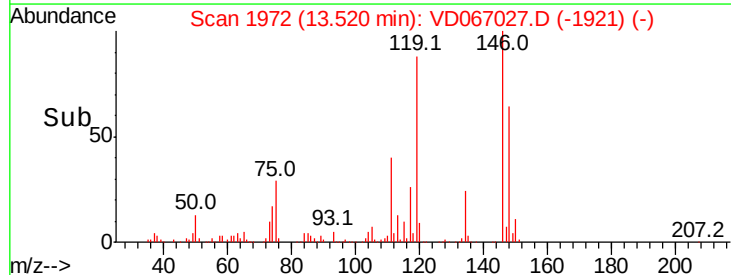
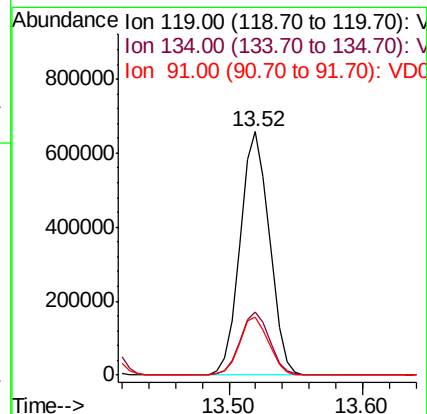
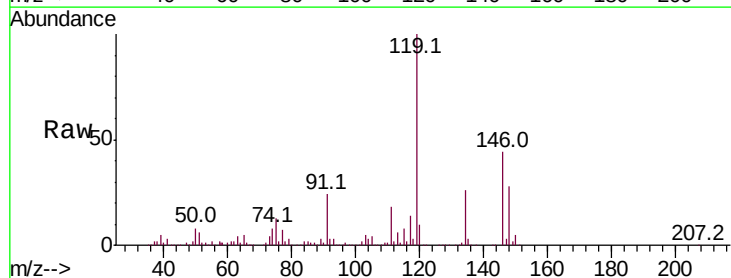
Tgt Ion:119 Resp: 999314

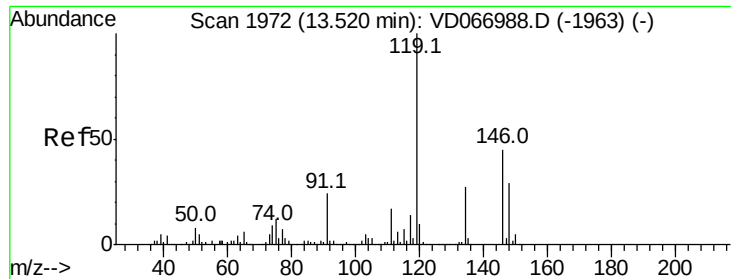
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.6 11.7 35.1

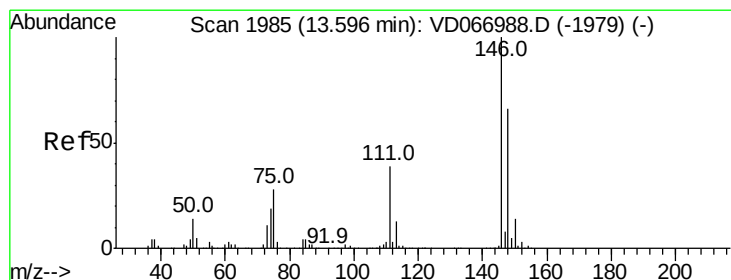
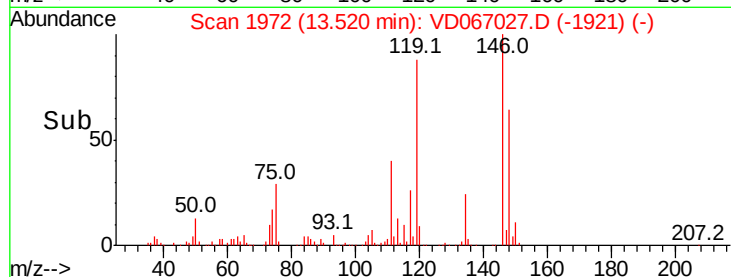
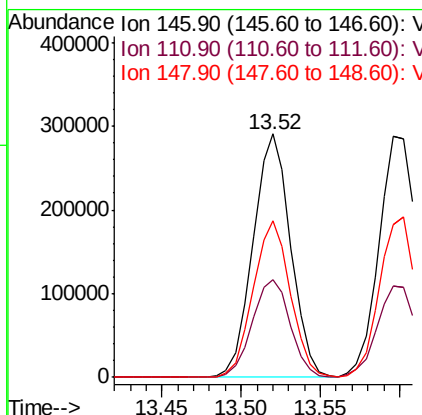
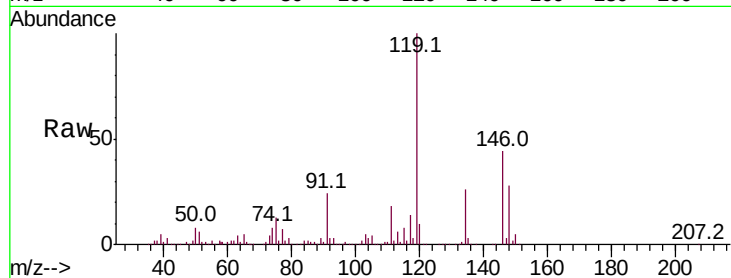




#87
 1,3-Dichlorobenzene
 Concen: 47.033 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

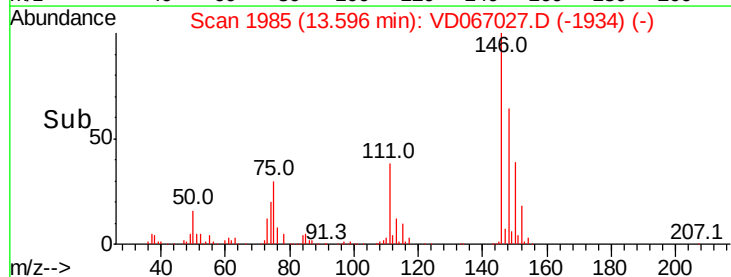
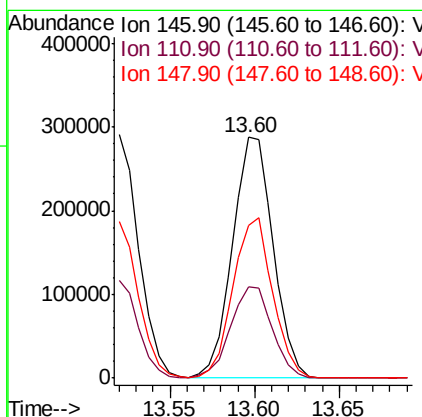
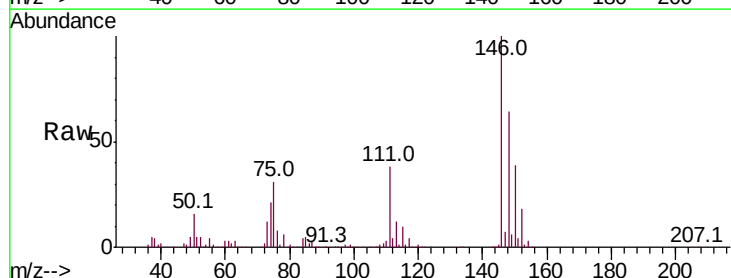
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

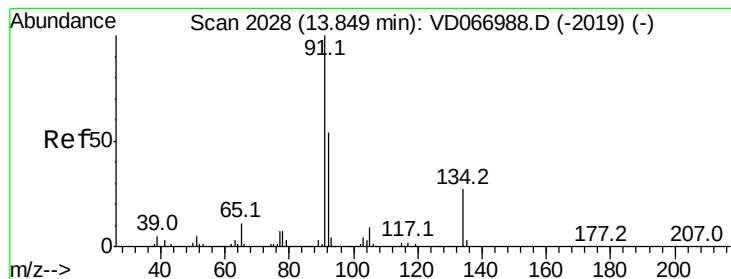
Tot Ion:146 Resp: 479503
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 63.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.206 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion:146 Resp: 481215
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.7
 148 64.9 32.6 97.7





#89

n-Butylbenzene

Concen: 49.062 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

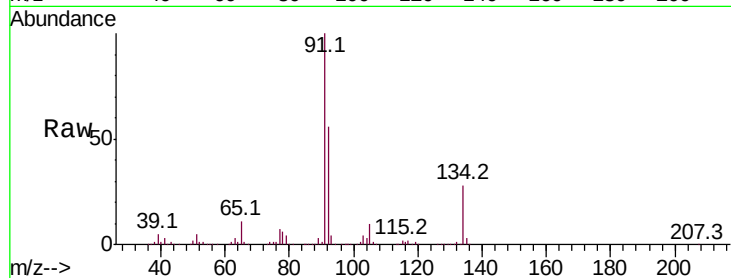
Tot Ion: 91 Resp: 902851

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

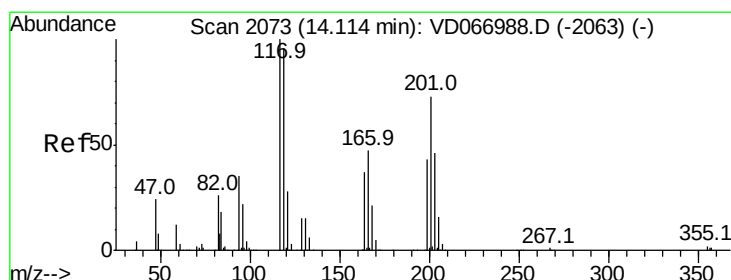
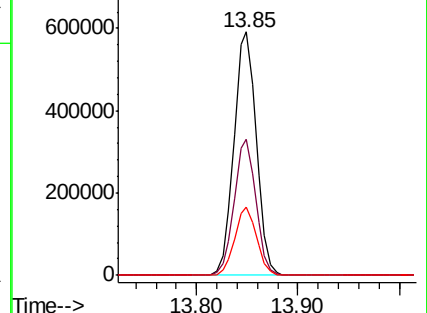
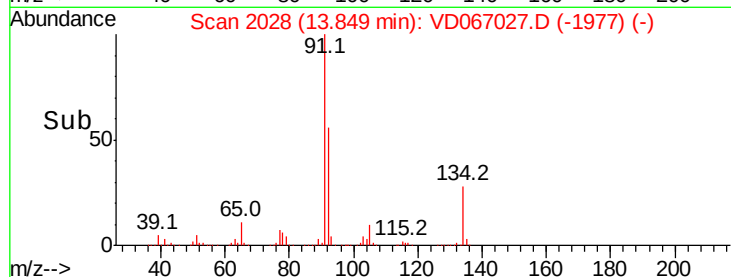
134 27.3 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.137 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.01 min

Lab File: VD067027.D

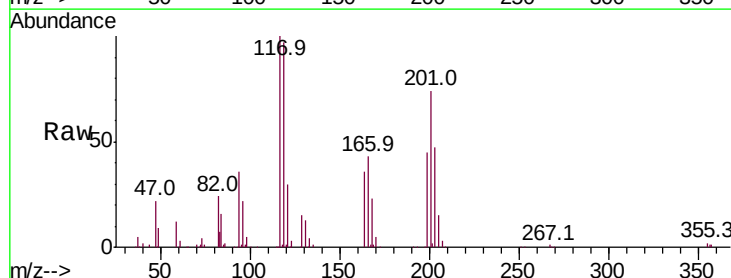
Acq: 02 Oct 2020 11:18

Tgt Ion: 117 Resp: 169782

Ion Ratio Lower Upper

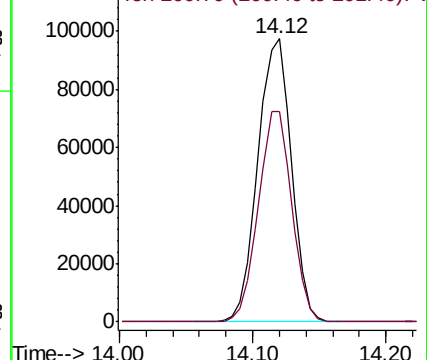
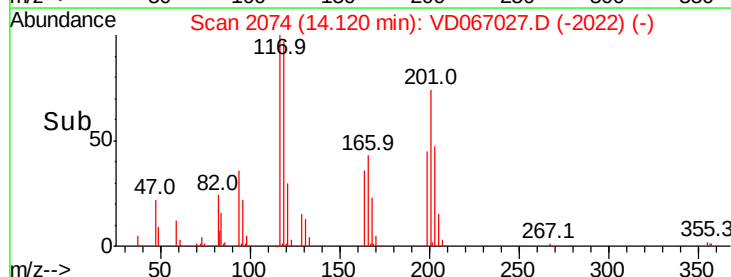
117 100

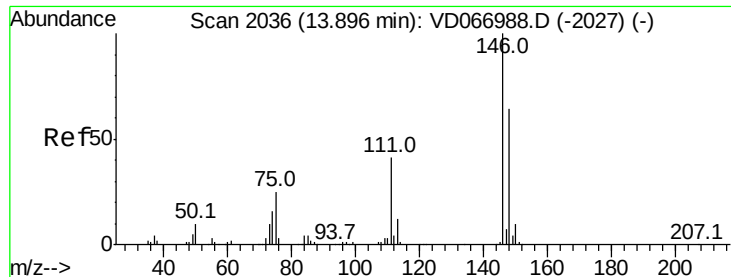
201 74.0 37.0 110.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

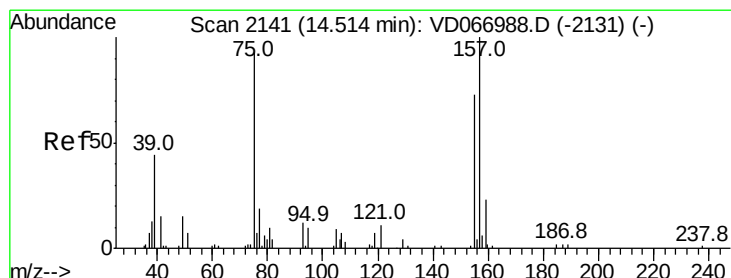
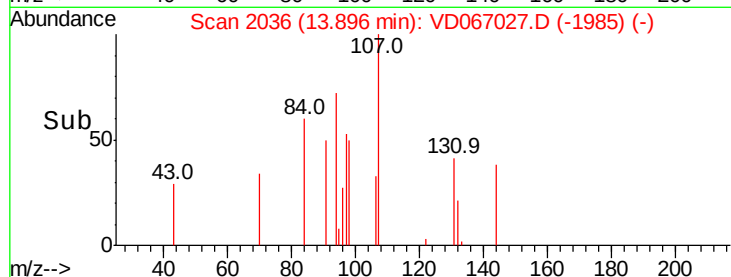
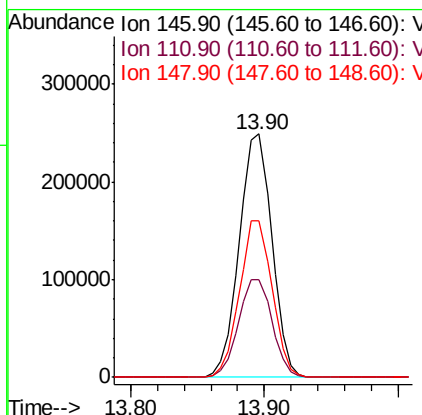
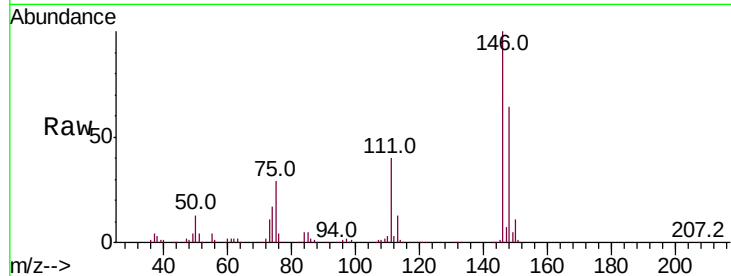




#91
 1,2-Dichlorobenzene
 Concen: 47.408 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

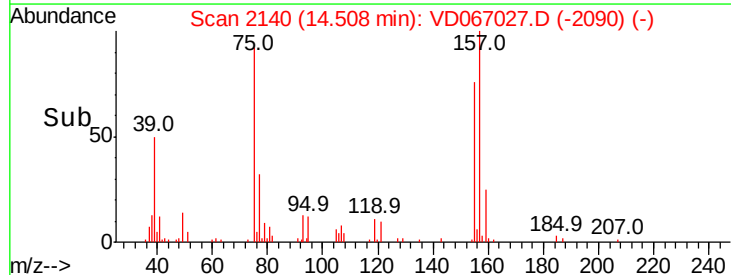
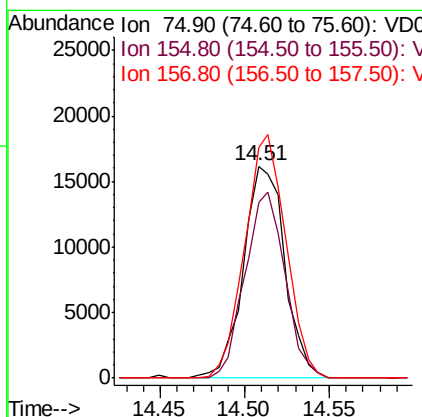
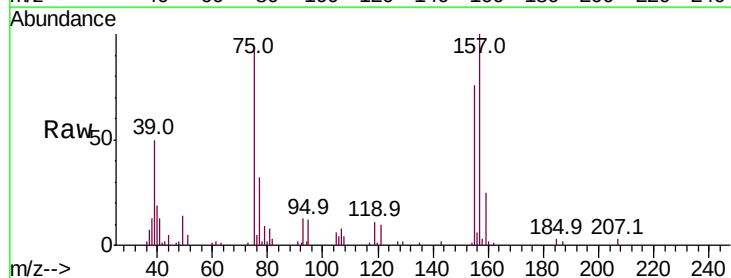
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

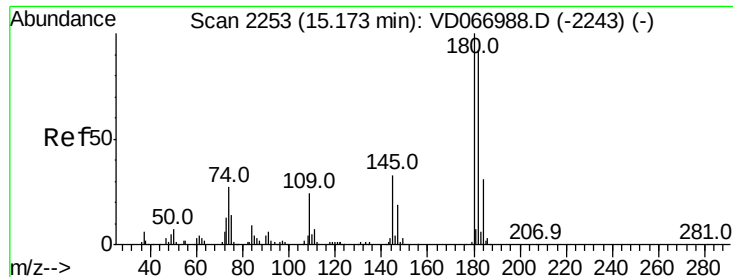
Tot Ion:146 Resp: 422110
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.9 62.7
 148 64.2 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.645 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion: 75 Resp: 27461
 Ion Ratio Lower Upper
 75 100
 155 84.9 45.2 135.6
 157 114.2 56.3 168.8

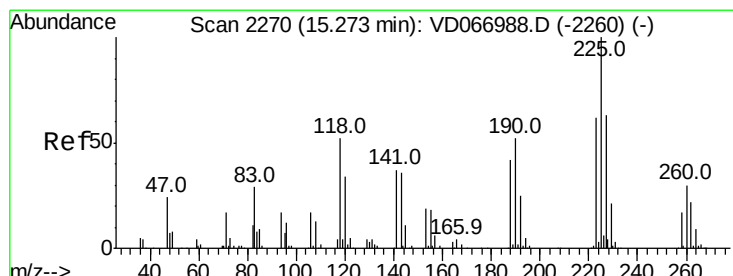
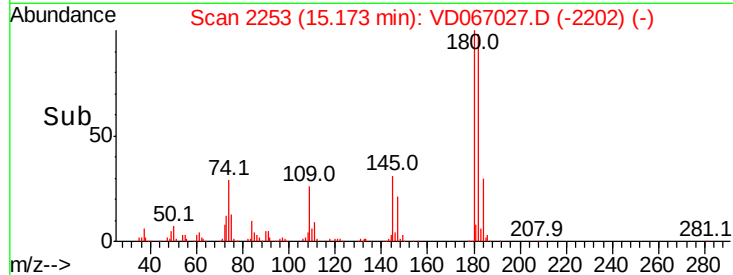
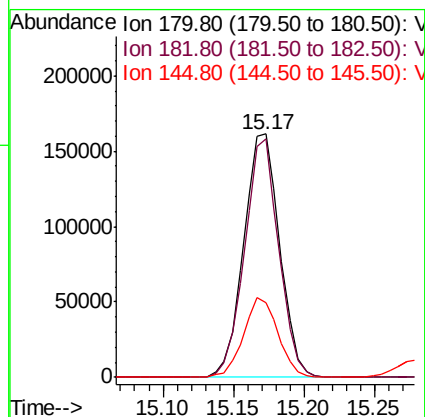
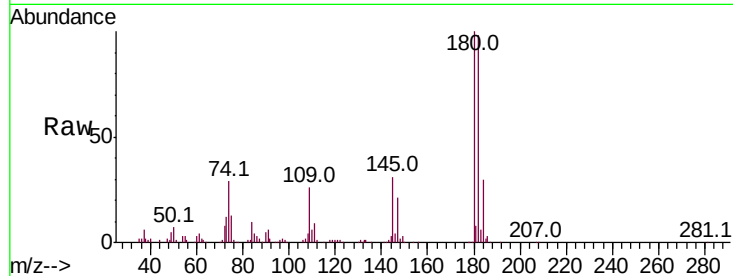




#93
 1,2,4-Trichlorobenzene
 Concen: 49.938 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

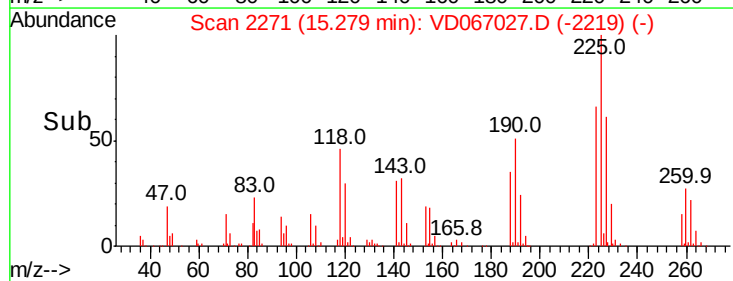
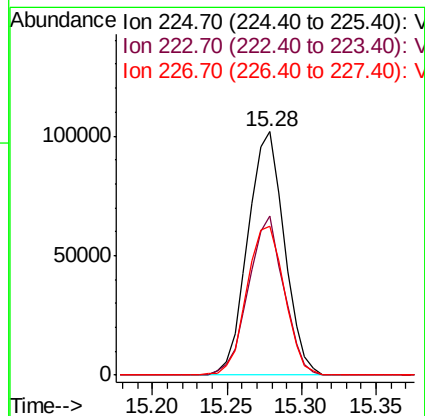
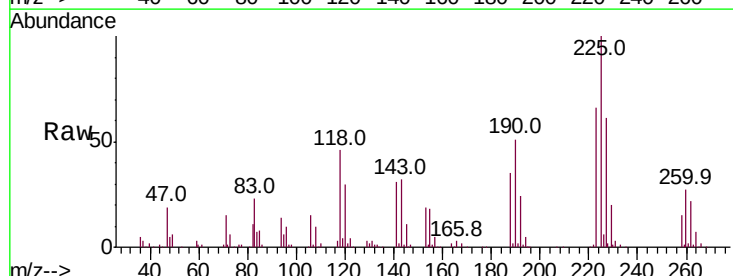
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

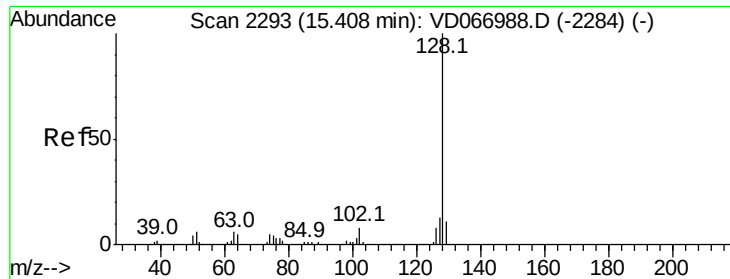
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.3	142.0
145	31.7	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 48.559 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.4	97.0
227	63.3	31.6	95.0

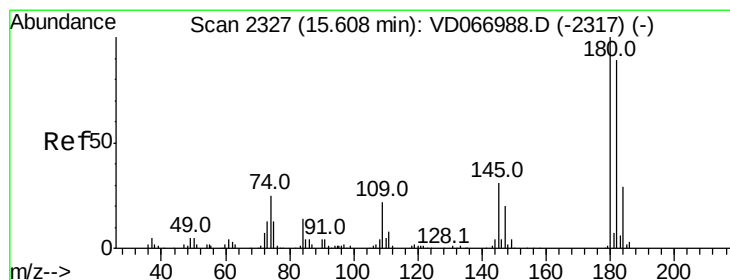
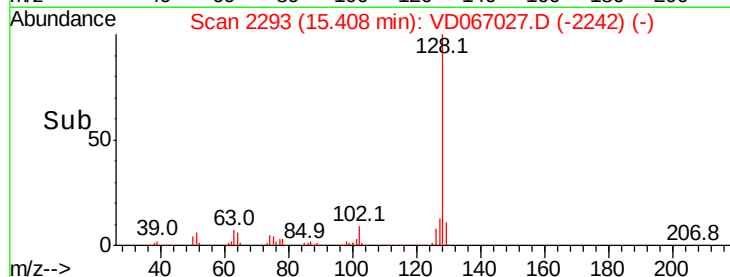
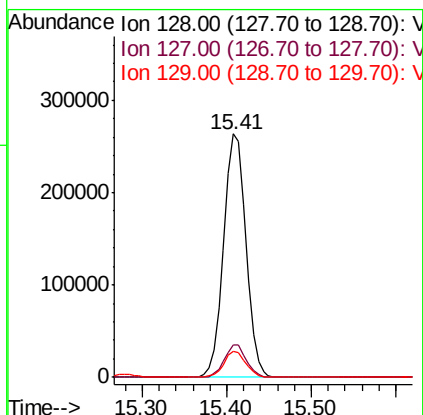
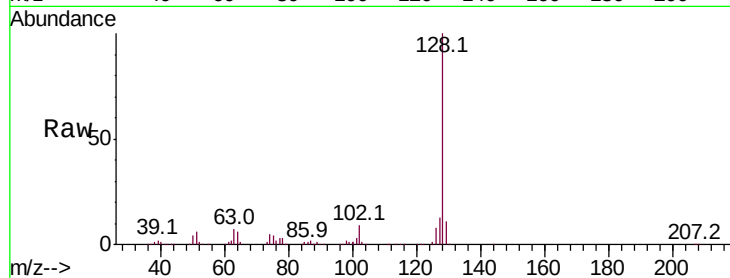




#95
Naphthalene
Concen: 49.974 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 480065
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.166 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion:180 Resp: 250808
Ion Ratio Lower Upper
180 100
182 94.2 46.4 139.1
145 33.3 16.6 49.7

