

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120920\
 Data File : VD067917.D
 Acq On : 09 Dec 2020 09:54
 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: Dec 10 02:08:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	203570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	282696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	259768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	100539	46.00	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.00%
35) Dibromofluoromethane	7.91	113	89624	47.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.76%
50) Toluene-d8	10.34	98	329009	48.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.64%
62) 4-Bromofluorobenzene	12.64	95	119322	50.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.36%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	90382	51.017	ug/l	99
3) Chloromethane	2.21	50	46670	45.646	ug/l	98
4) Vinyl Chloride	2.36	62	61607	47.844	ug/l	100
5) Bromomethane	2.77	94	61441	53.449	ug/l	96
6) Chloroethane	2.93	64	40667	48.507	ug/l	99
7) Trichlorofluoromethane	3.28	101	195792	49.690	ug/l	92
8) Diethyl Ether	3.71	74	32551	42.385	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	85299	47.473	ug/l	97
10) Methyl Iodide	4.30	142	88262	46.344	ug/l	99
11) Tert butyl alcohol	5.20	59	24635	210.078	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	81071	48.060	ug/l	95
13) Acrolein	3.93	56	20017	238.348	ug/l	98
14) Allyl chloride	4.72	41	72043	46.166	ug/l	94
15) Acrylonitrile	5.42	53	56695	212.903	ug/l	97
16) Acetone	4.16	43	63269	234.287	ug/l	90
17) Carbon Disulfide	4.41	76	213610	45.355	ug/l	96
18) Methyl Acetate	4.72	43	21149	41.608	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	168162	46.555	ug/l	100
20) Methylene Chloride	4.97	84	85731	48.921	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	91593	47.716	ug/l	85
22) Diisopropyl ether	6.36	45	139194	44.348	ug/l #	89
23) Vinyl Acetate	6.31	43	413784	236.979	ug/l	99
24) 1,1-Dichloroethane	6.27	63	127507	46.344	ug/l	97
25) 2-Butanone	7.21	43	60485	212.946	ug/l	92
26) 2,2-Dichloropropane	7.21	77	162372	49.490	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	98325	46.831	ug/l	98
28) Bromochloromethane	7.55	49	42636	48.808	ug/l #	99
29) Tetrahydrofuran	7.56	42	32740	202.439	ug/l	94
30) Chloroform	7.71	83	168479	45.822	ug/l	99
31) Cyclohexane	7.98	56	101346	44.016	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	194110	50.011	ug/l	99
36) 1,1-Dichloropropene	8.11	75	122028	49.863	ug/l	98
37) Ethyl Acetate	7.30	43	26413	40.045	ug/l #	90
38) Carbon Tetrachloride	8.10	117	191599	51.744	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	141524	48.799	ug/l	96
40) Benzene	8.36	78	326565	48.767	ug/l	97
41) Methacrylonitrile	7.53	41	16313	52.286	ug/l #	88
42) 1,2-Dichloroethane	8.43	62	114995	48.183	ug/l	99
43) Isopropyl Acetate	8.45	43	57249	44.112	ug/l	97
44) Trichloroethene	9.11	130	112289	48.772	ug/l	97
45) 1,2-Dichloropropane	9.39	63	61565	44.794	ug/l	97
46) Dibromomethane	9.48	93	44503	46.571	ug/l	97
47) Bromodichloromethane	9.66	83	133660	49.063	ug/l	93
48) Methyl methacrylate	9.46	41	26602	40.367	ug/l	92
49) 1,4-Dioxane	9.46	88	8238	754.457	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	137554	223.945	ug/l	99
52) Toluene	10.41	92	227003	48.486	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	115932	49.305	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	122823	48.022	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	58562	44.781	ug/l	97
56) Ethyl methacrylate	10.66	69	60831	45.719	ug/l	96
57) 1,3-Dichloropropane	10.95	76	92233	44.524	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	153899	254.189	ug/l	96
59) 2-Hexanone	10.98	43	104152	240.536	ug/l	100
60) Dibromochloromethane	11.14	129	94304	47.838	ug/l	100
61) 1,2-Dibromoethane	11.25	107	59268	46.086	ug/l	98
64) Tetrachloroethene	10.88	164	98751	46.605	ug/l	98
65) Chlorobenzene	11.67	112	257789	48.095	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	104250	47.686	ug/l	96
67) Ethyl Benzene	11.75	91	448313	49.099	ug/l	99
68) m/p-Xylenes	11.86	106	348490	96.793	ug/l	99
69) o-Xylene	12.18	106	160304	50.153	ug/l	100
70) Styrene	12.20	104	271518	48.853	ug/l	99
71) Bromoform	12.36	173	54690	47.260	ug/l #	97
73) Isopropylbenzene	12.48	105	464400	50.277	ug/l	100
74) N-amyl acetate	12.29	43	48857	42.761	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	50357	41.293	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	81498	83.320	ug/l #	1
77) Bromobenzene	12.77	156	112568	49.020	ug/l	98
78) n-propylbenzene	12.83	91	504396	49.269	ug/l	99
79) 2-Chlorotoluene	12.91	91	290799	48.283	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	401411	50.193	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	17896	43.766	ug/l	94
82) 4-Chlorotoluene	13.01	91	312937	48.709	ug/l	99
83) tert-Butylbenzene	13.23	119	353057	51.879	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	399431	50.227	ug/l	100
85) sec-Butylbenzene	13.40	105	444763	48.966	ug/l	99
86) p-Isopropyltoluene	13.52	119	441841	49.633	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	213051	48.096	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	206549	46.608	ug/l	100
89) n-Butylbenzene	13.84	91	366637	49.574	ug/l	99
90) Hexachloroethane	14.11	117	77081	46.900	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	178923	46.572	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10766	42.301	ug/l	95

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QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration

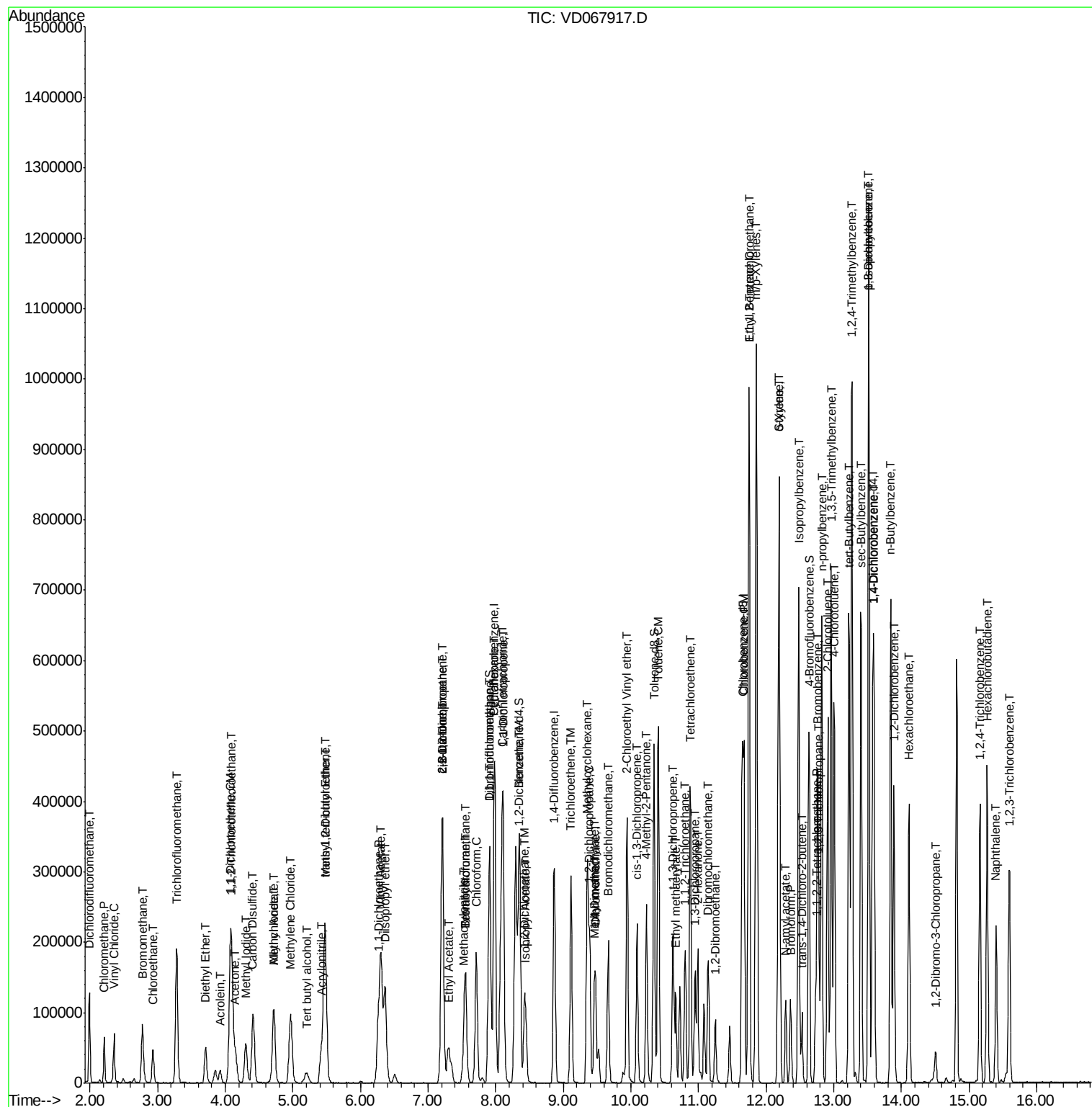
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	130352	48.505	ug/l	99
94) Hexachlorobutadiene	15.27	225	87799	50.068	ug/l	98
95) Naphthalene	15.40	128	205634	47.024	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	109592	47.222	ug/l	98

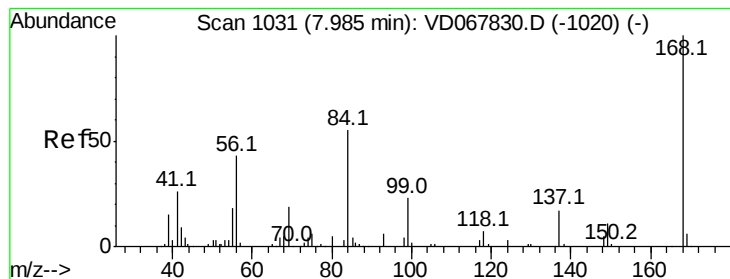
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

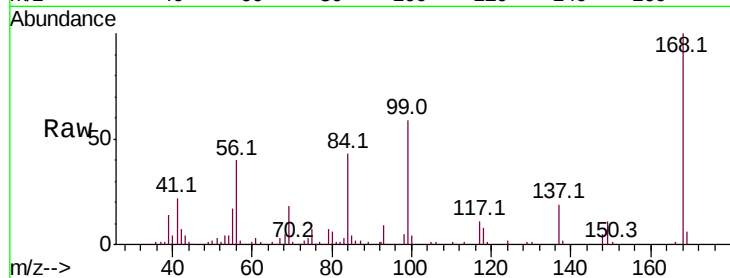
VSTDCCC050

Tot Ion:168 Resp: 203570

Ion Ratio Lower Upper

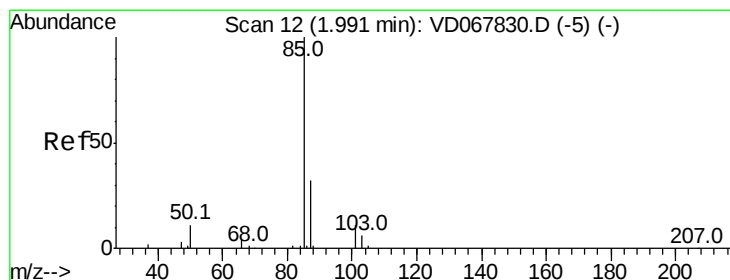
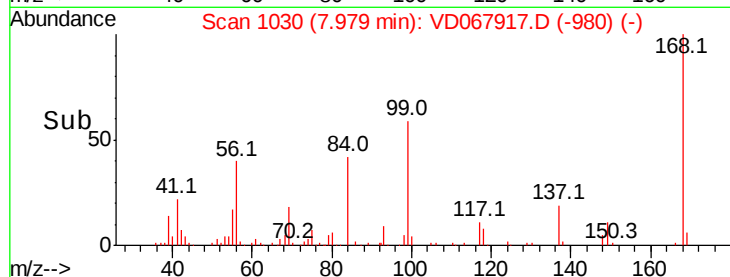
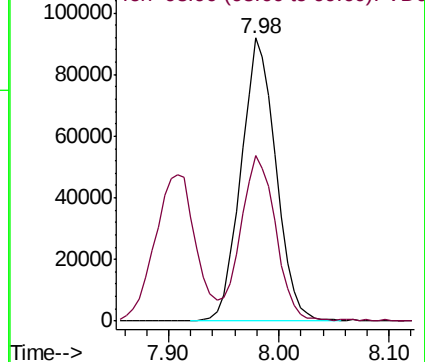
168 100

99 58.2 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 51.017 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067917.D

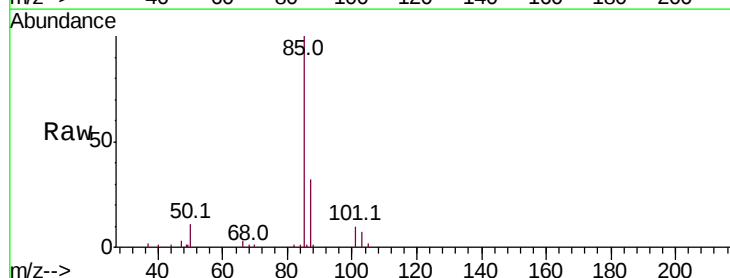
Acq: 09 Dec 2020 09:54

Tgt Ion: 85 Resp: 90382

Ion Ratio Lower Upper

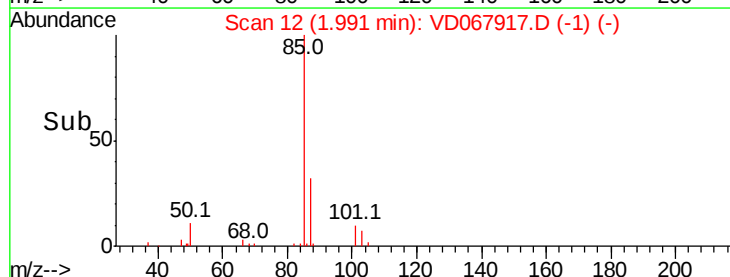
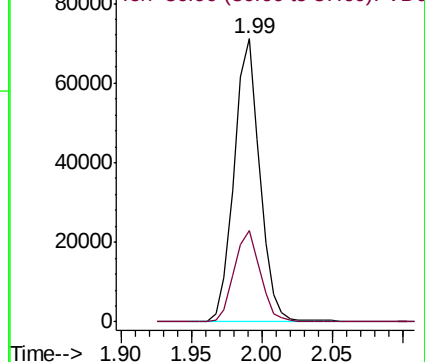
85 100

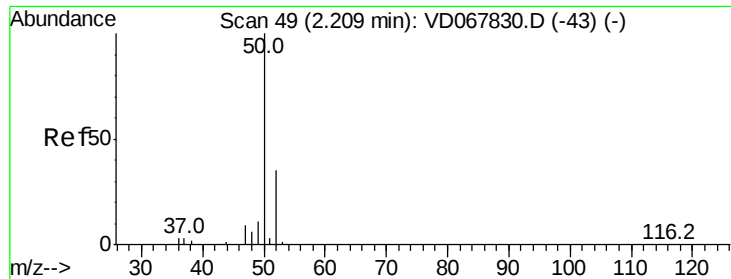
87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.646 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

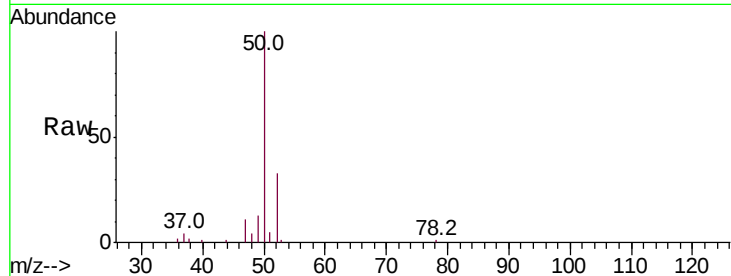
VSTDCCC050

Tot Ion: 50 Resp: 46670

Ion Ratio Lower Upper

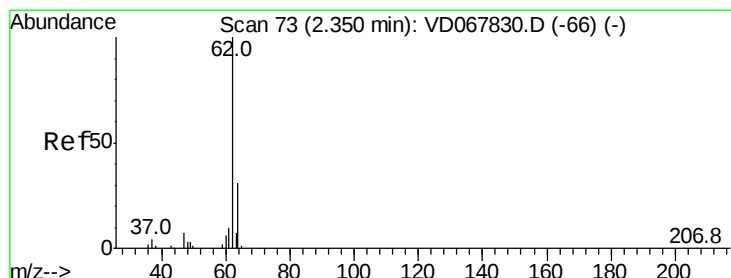
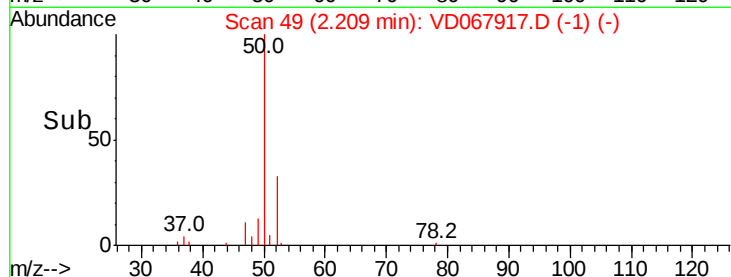
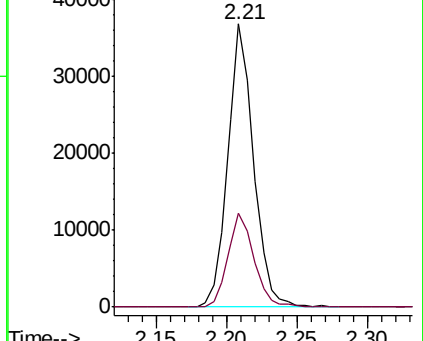
50 100

52 33.3 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 47.844 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067917.D

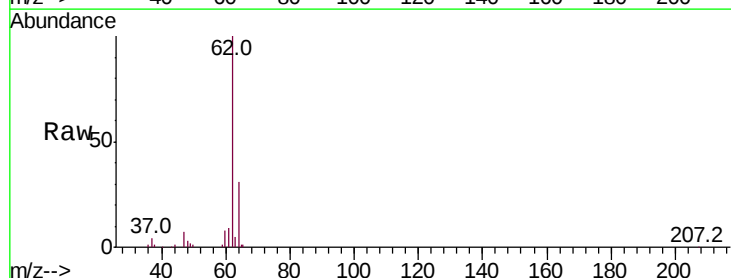
Acq: 09 Dec 2020 09:54

Tgt Ion: 62 Resp: 61607

Ion Ratio Lower Upper

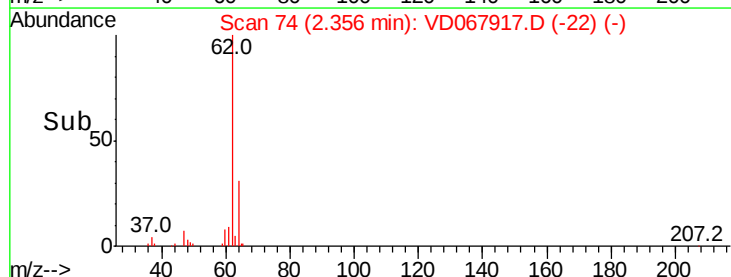
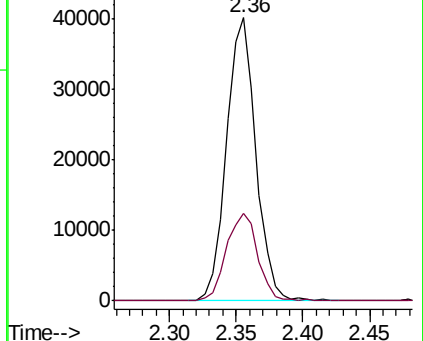
62 100

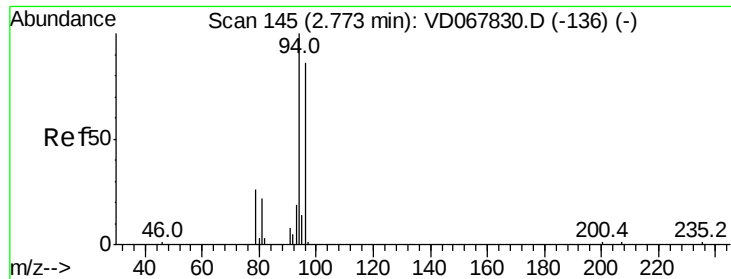
64 30.8 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 53.449 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067917.D

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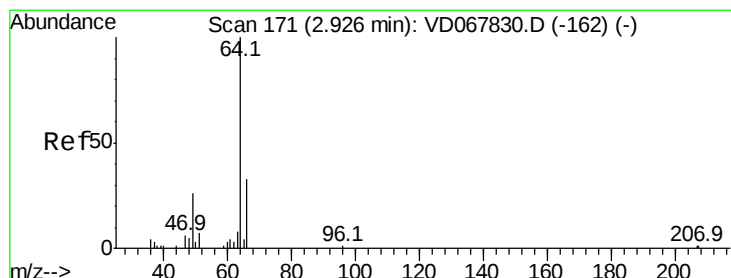
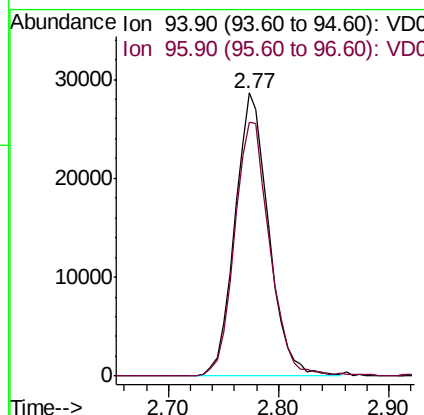
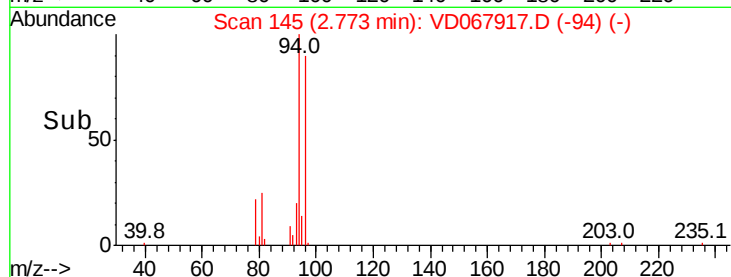
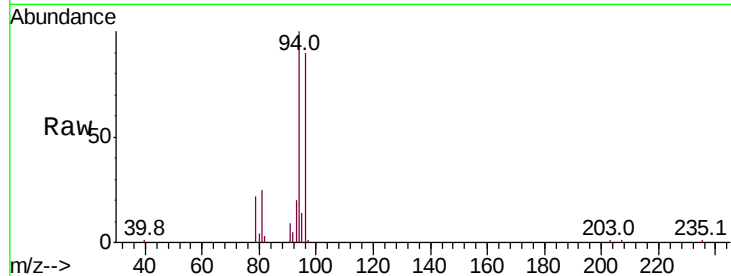
VSTDCCC050

Tot Ion: 94 Resp: 61441

Ion Ratio Lower Upper

94 100

96 89.5 68.7 103.1



#6

Chloroethane

Concen: 48.507 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD067917.D

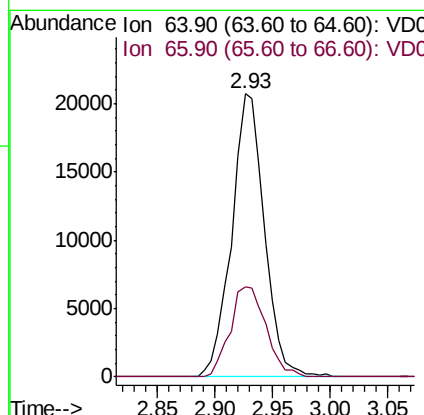
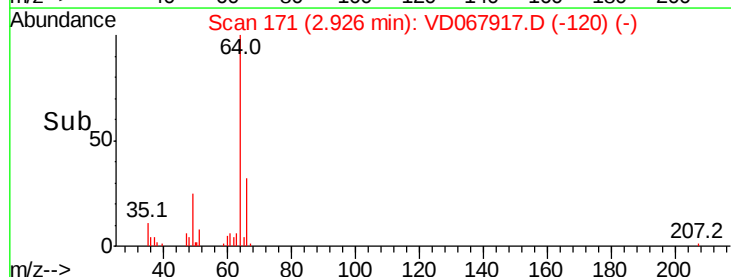
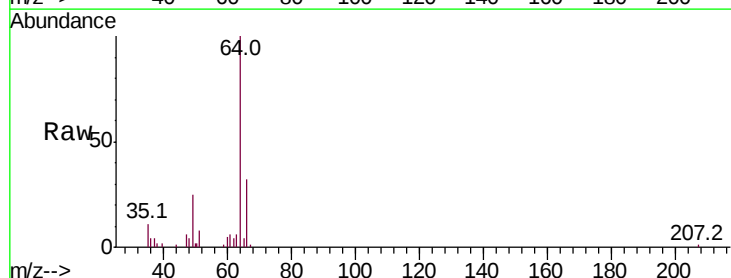
Acq: 09 Dec 2020 09:54

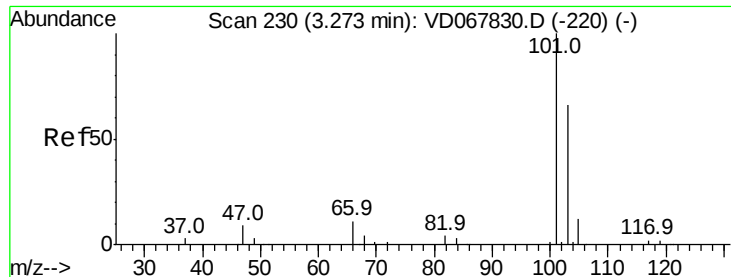
Tgt Ion: 64 Resp: 40667

Ion Ratio Lower Upper

64 100

66 32.0 26.1 39.1



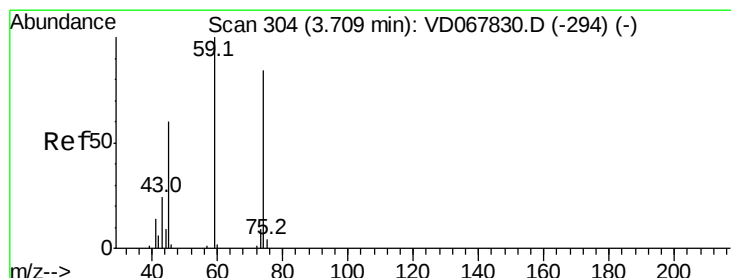
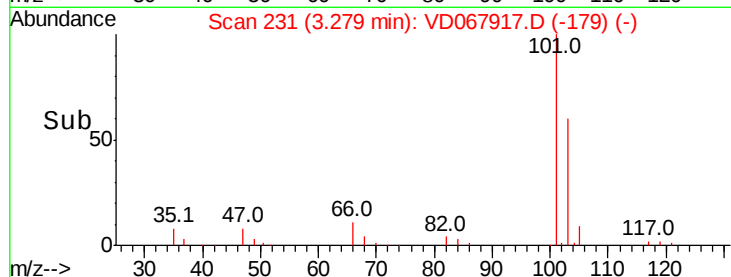
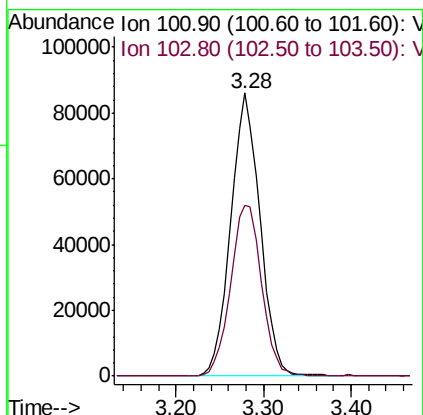
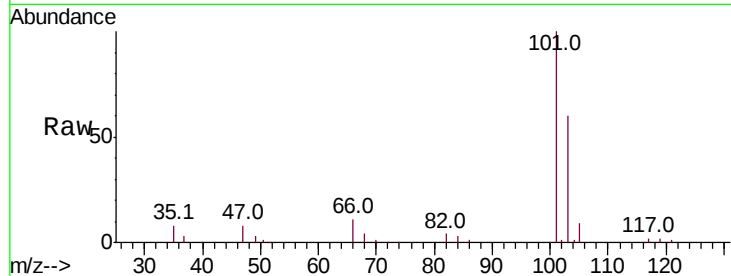


#7

Trichlorofluoromethane
 Concen: 49.690 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

Instrument :
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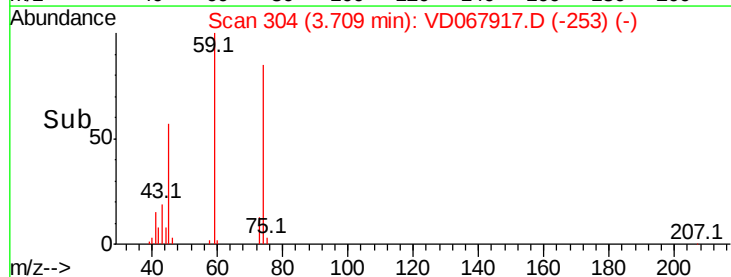
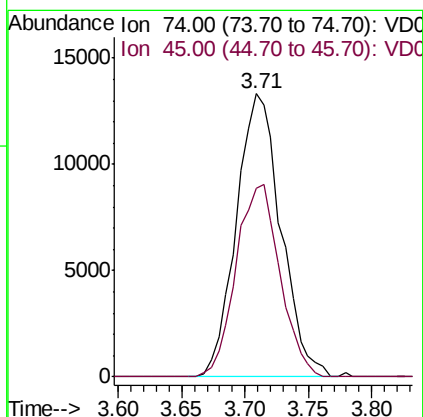
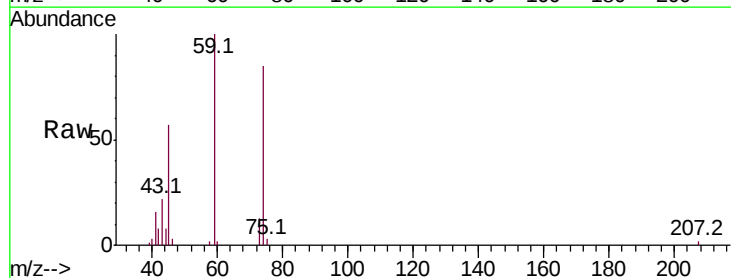
Tot Ion:101 Resp: 195792
 Ion Ratio Lower Upper
 101 100
 103 60.3 53.0 79.6

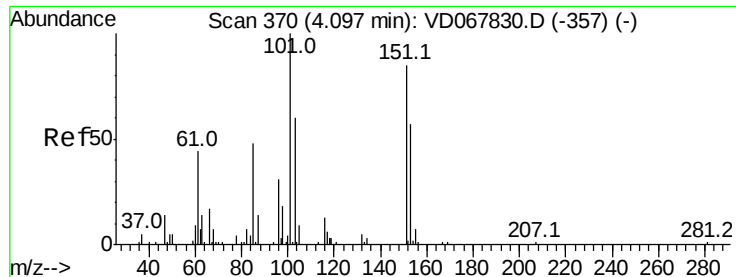


#8

Diethyl Ether
 Concen: 42.385 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

Tgt Ion: 74 Resp: 32551
 Ion Ratio Lower Upper
 74 100
 45 66.8 33.9 101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.473 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

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VSTDCCC050

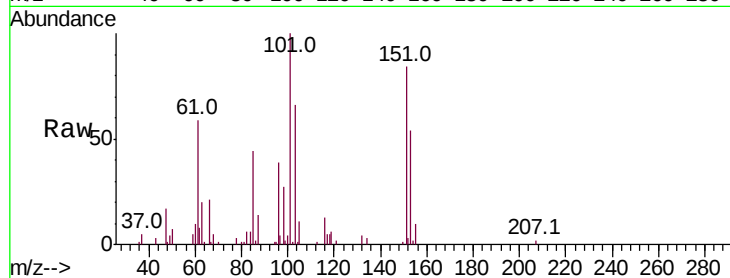
Tot Ion:101 Resp: 85299

Ion Ratio Lower Upper

101 100

85 46.8 36.2 54.4

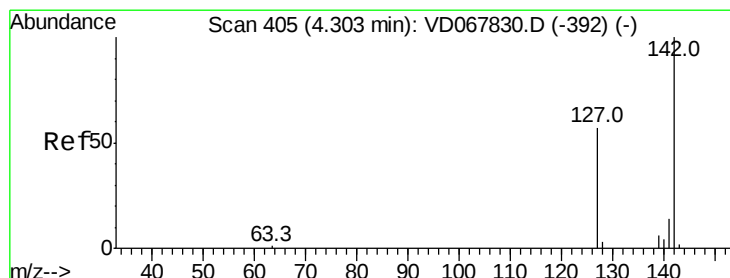
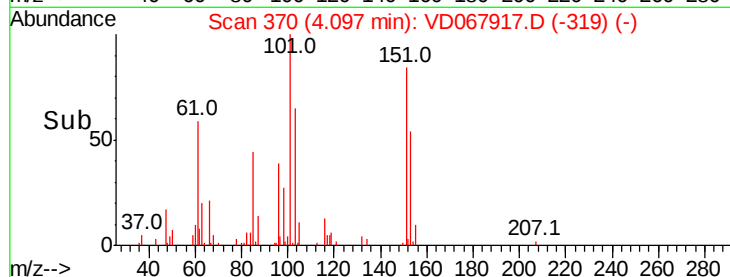
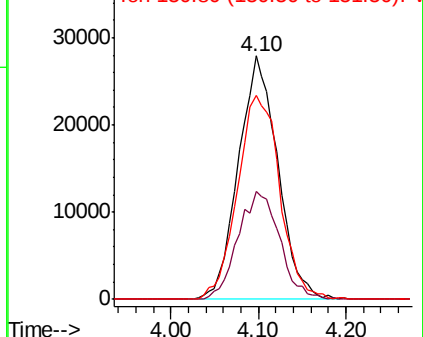
151 90.1 69.4 104.2



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: 46.344 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

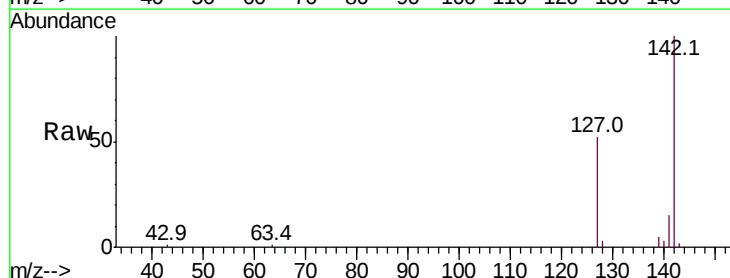
Tgt Ion:142 Resp: 88262

Ion Ratio Lower Upper

142 100

127 56.0 43.9 65.9

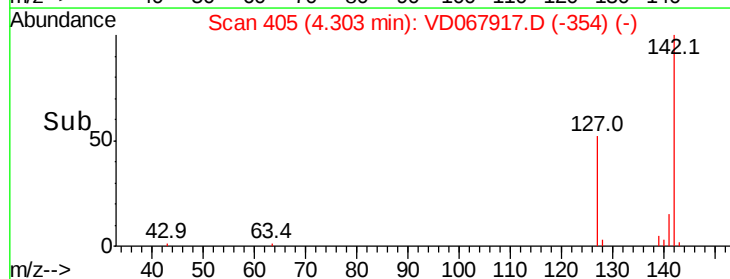
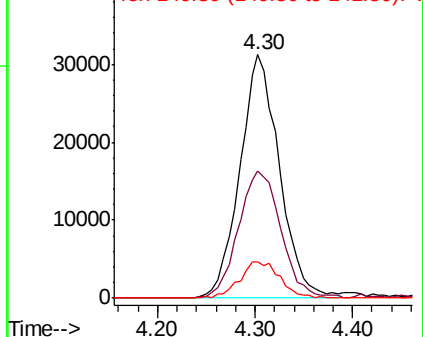
141 15.2 12.2 18.2

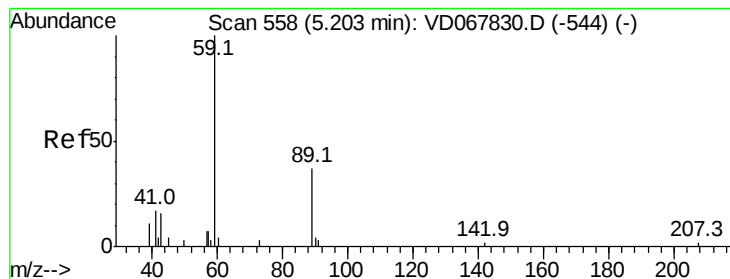


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



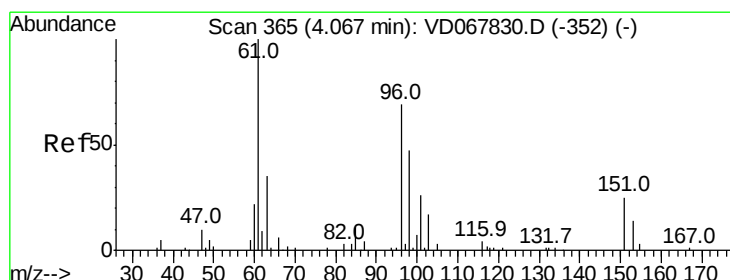
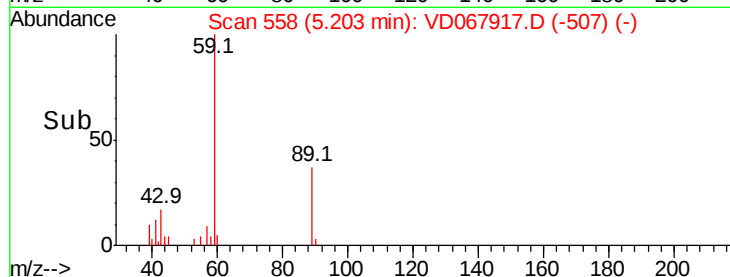
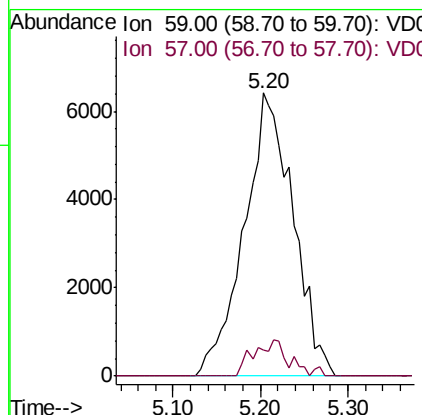
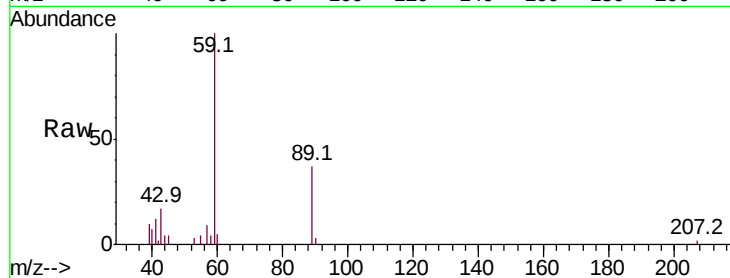


#11

Tert butyl alcohol
 Concen: 210.078 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

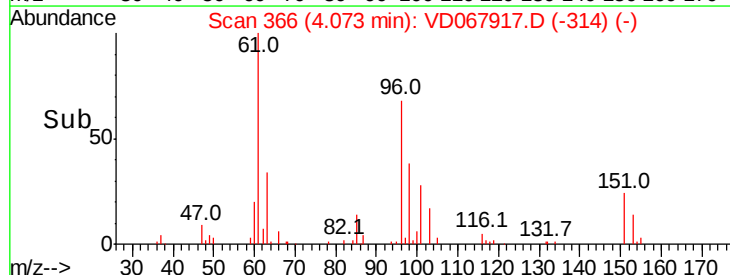
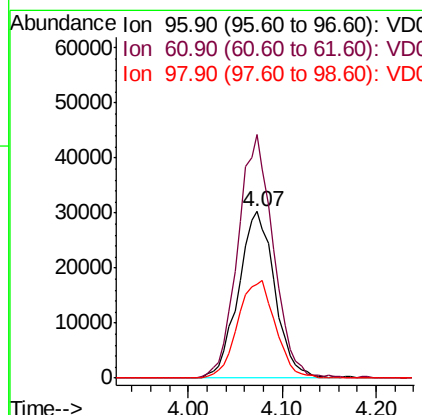
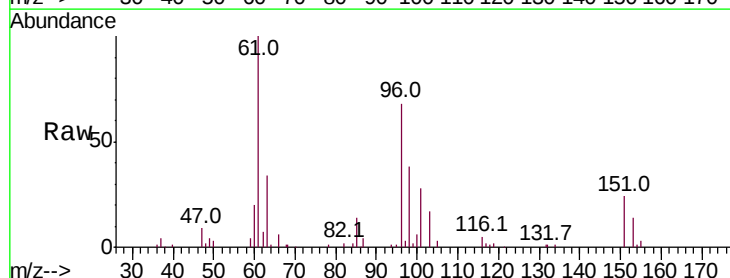
Tot Ion: 59 Resp: 24635
 Ion Ratio Lower Upper
 59 100
 57 7.5 7.7 11.5#

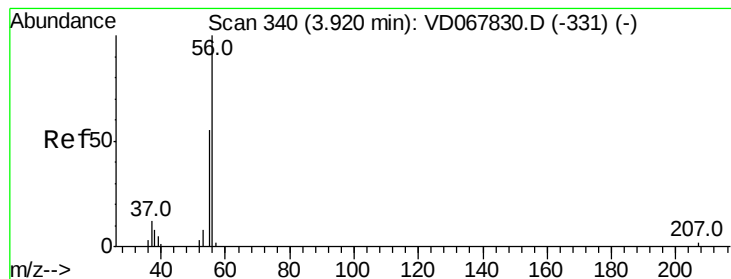


#12

1,1-Dichloroethene
 Concen: 48.060 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

Tgt Ion: 96 Resp: 81071
 Ion Ratio Lower Upper
 96 100
 61 146.2 116.1 174.1
 98 56.0 54.6 82.0





#13

Acrolein

Concen: 238.348 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

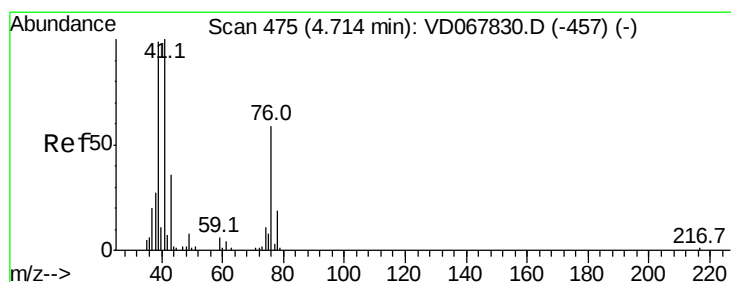
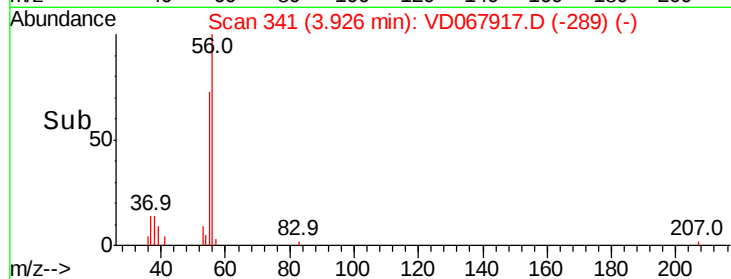
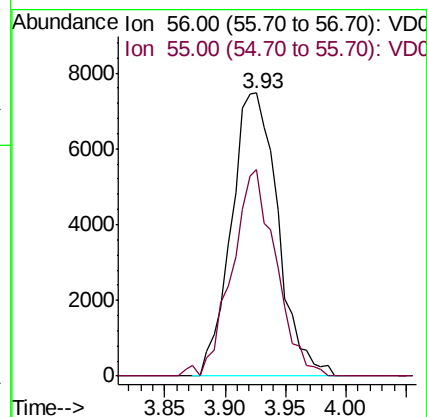
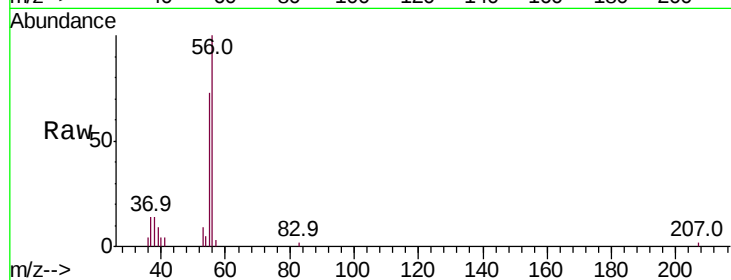
VSTDCCC050

Tot Ion: 56 Resp: 20017

Ion Ratio Lower Upper

56 100

55 69.2 56.5 84.7



#14

Allyl chloride

Concen: 46.166 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

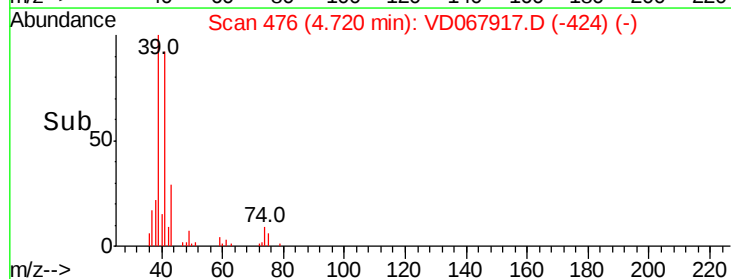
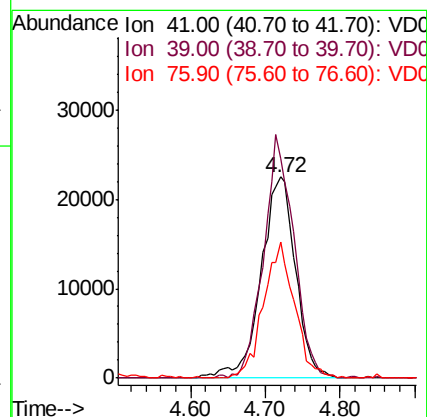
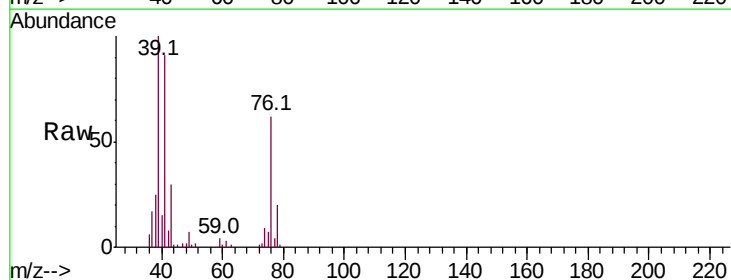
Tgt Ion: 41 Resp: 72043

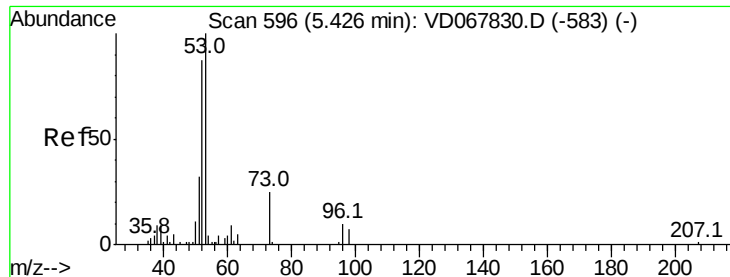
Ion Ratio Lower Upper

41 100

39 106.3 79.0 118.6

76 61.1 46.6 70.0





#15

Acrylonitrile

Concen: 212.903 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

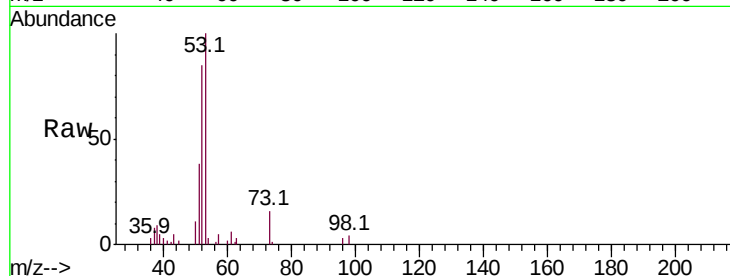
Tot Ion: 53 Resp: 56695

Ion Ratio Lower Upper

53 100

52 85.1 66.2 99.2

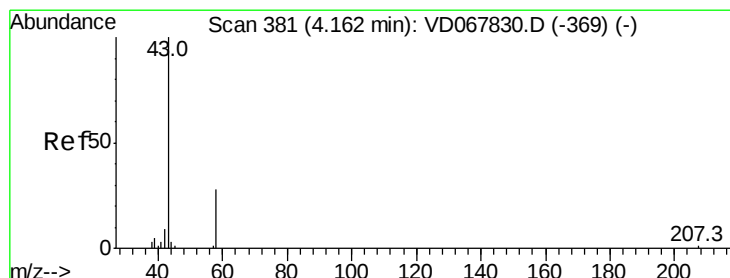
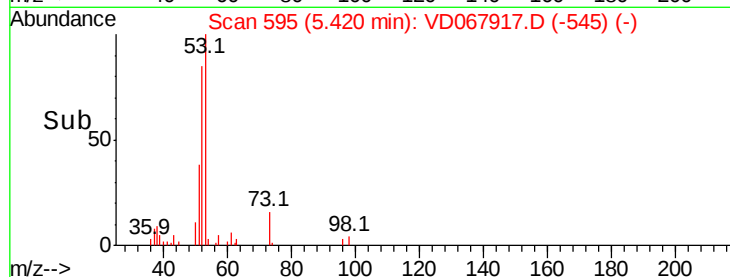
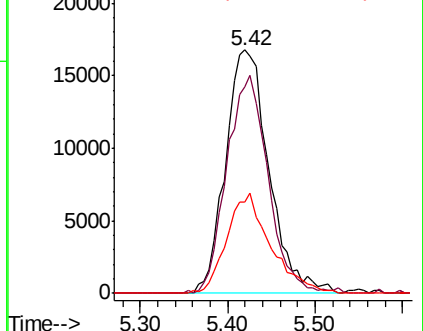
51 41.5 31.1 46.7



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: 234.287 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067917.D

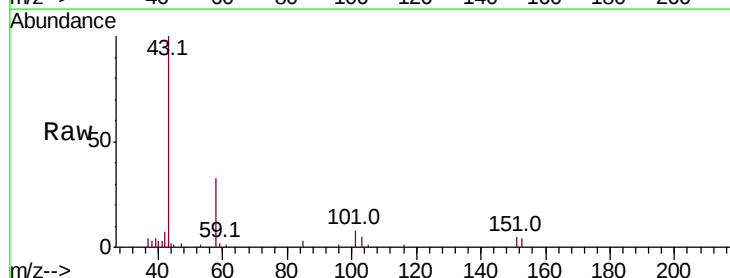
Acq: 09 Dec 2020 09:54

Tgt Ion: 43 Resp: 63269

Ion Ratio Lower Upper

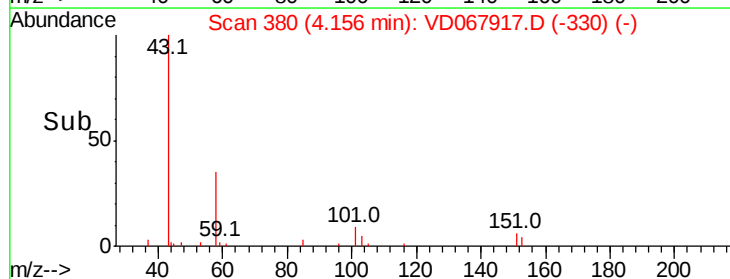
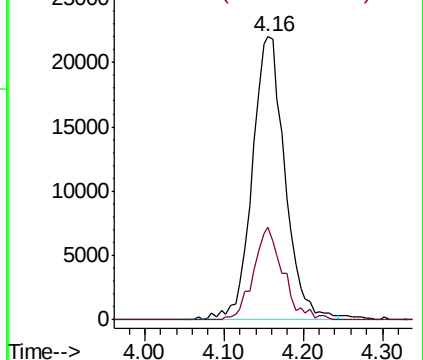
43 100

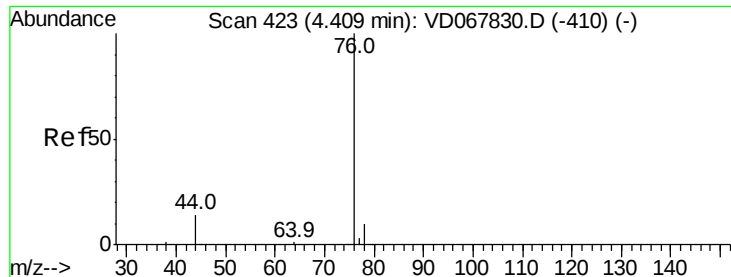
58 32.6 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

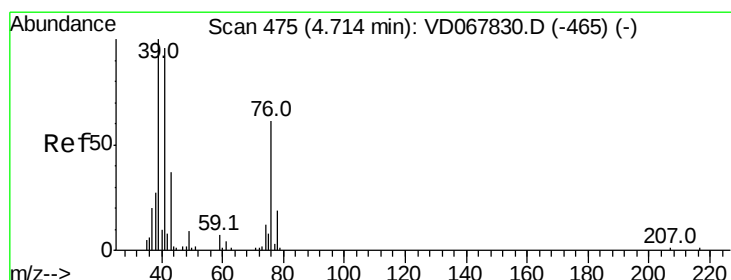
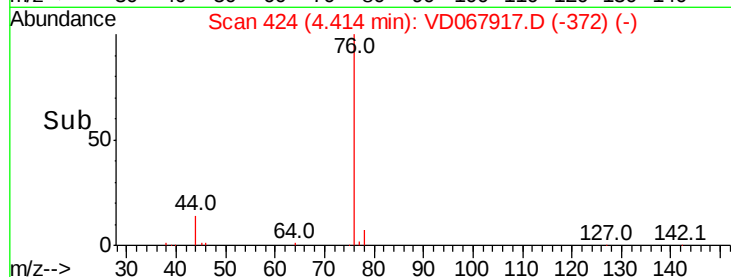
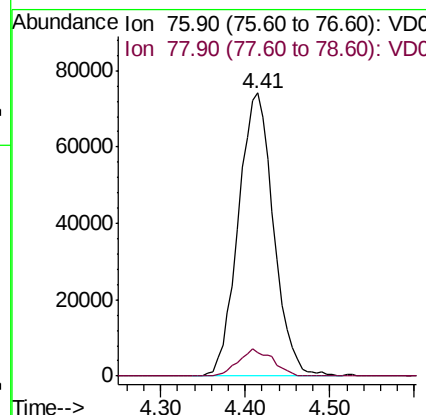
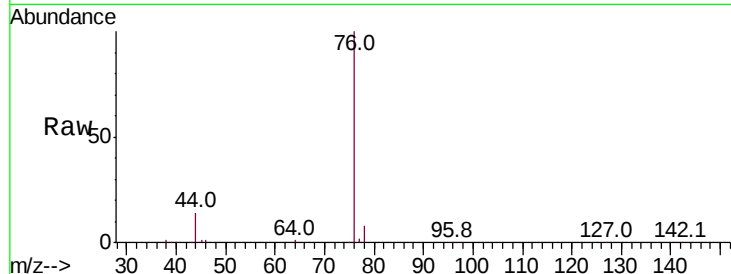




#17
Carbon Disulfide
Concen: 45.355 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

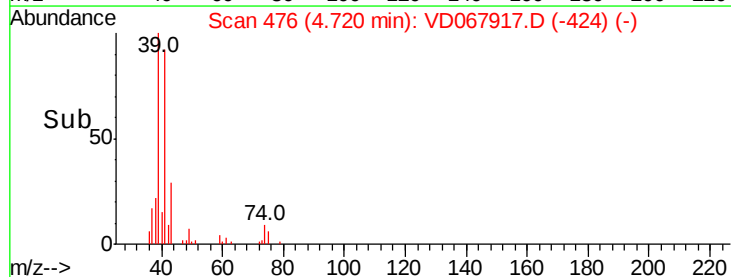
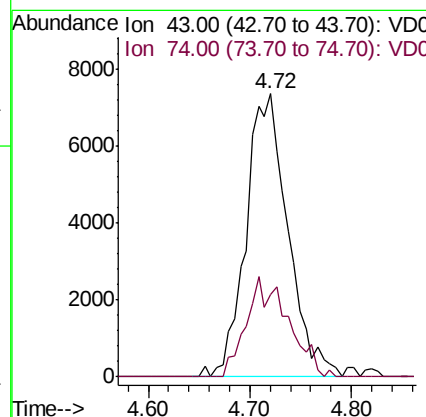
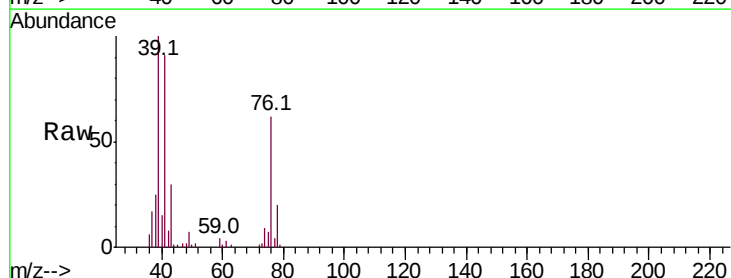
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

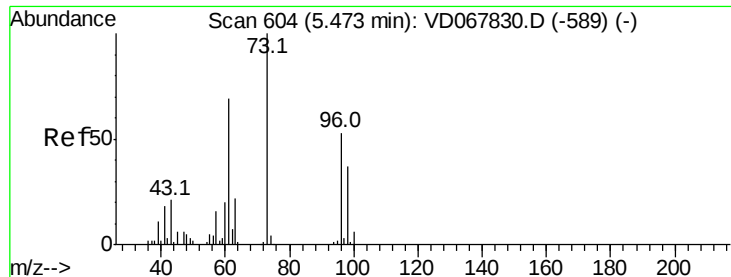
Tot Ion: 76 Resp: 213610
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.6



#18
Methyl Acetate
Concen: 41.608 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 43 Resp: 21149
Ion Ratio Lower Upper
43 100
74 35.5 27.0 40.4

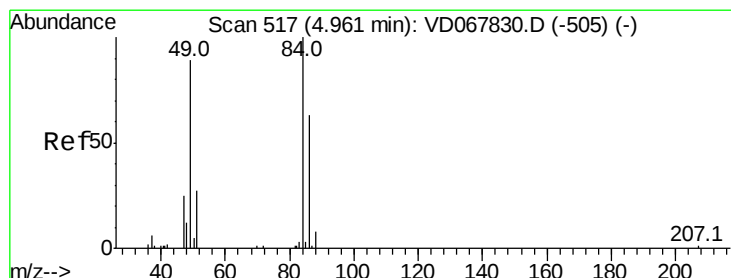
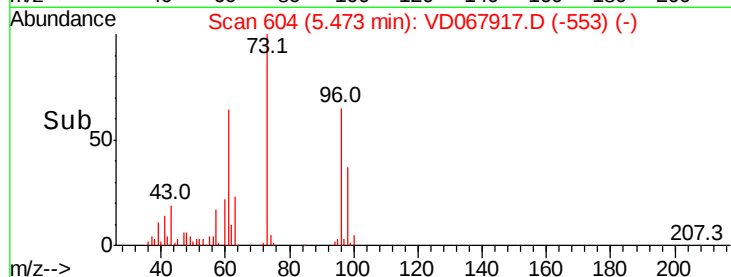
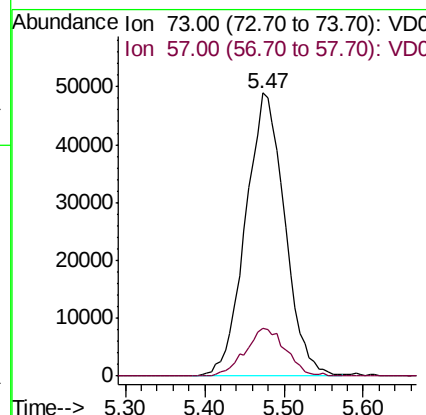
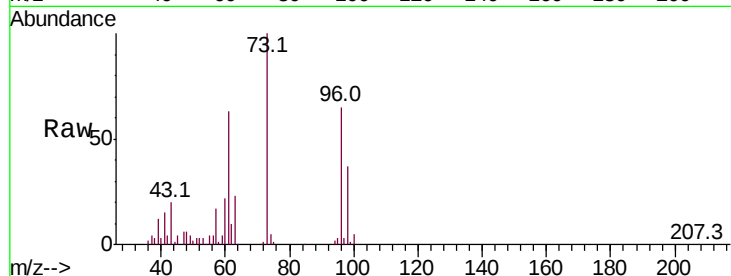




#19
Methvl tert-butvl Ether
Concen: 46.555 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

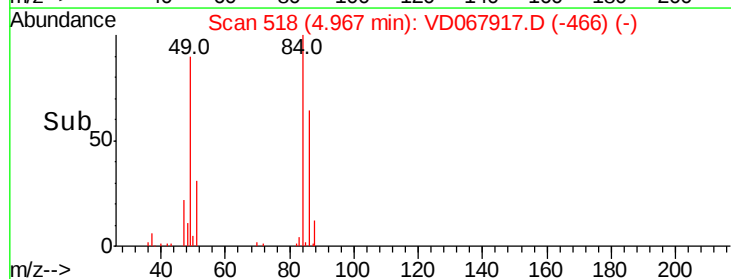
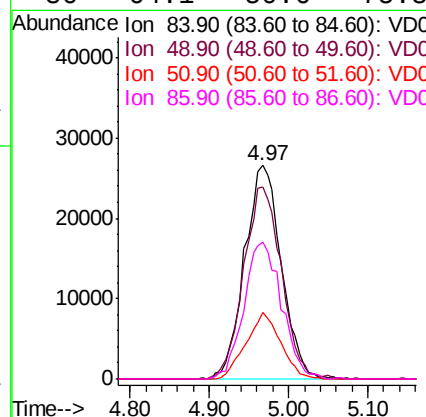
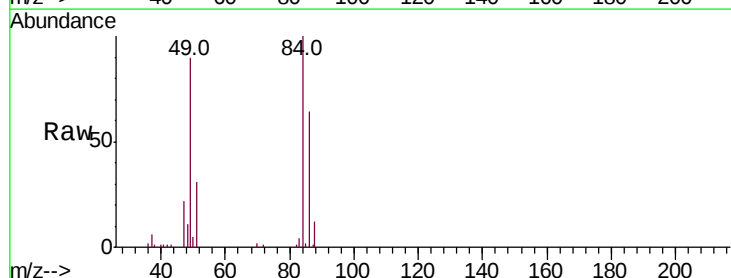
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

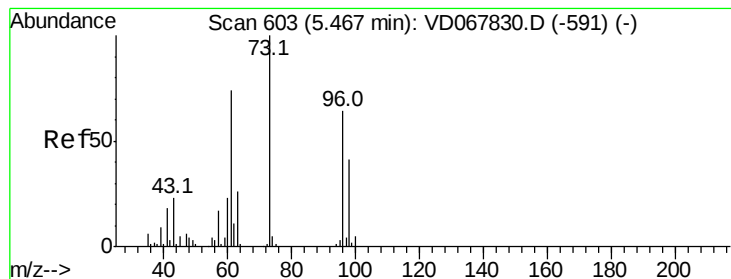
Tot Ion: 73 Resp: 168162
Ion Ratio Lower Upper
73 100
57 16.7 13.2 19.8



#20
Methylene Chloride
Concen: 48.921 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 84 Resp: 85731
Ion Ratio Lower Upper
84 100
49 89.8 71.4 107.0
51 31.0 21.8 32.8
86 64.1 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 47.716 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

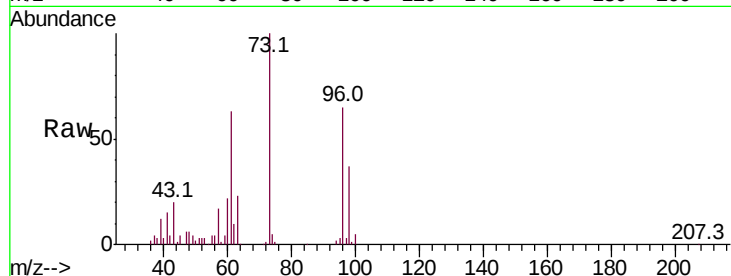
Tot Ion: 96 Resp: 91593

Ion Ratio Lower Upper

96 100

61 98.1 93.1 139.7

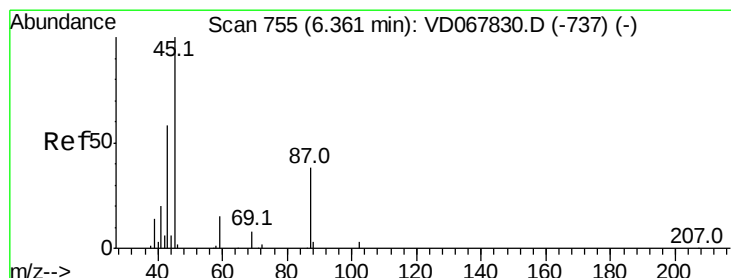
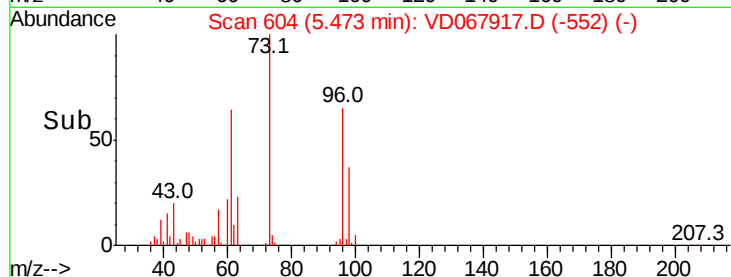
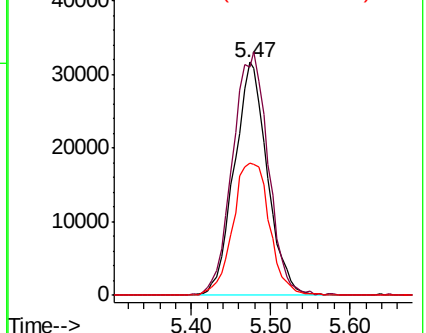
98 56.8 52.2 78.2



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: 44.348 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Tgt Ion: 45 Resp: 139194

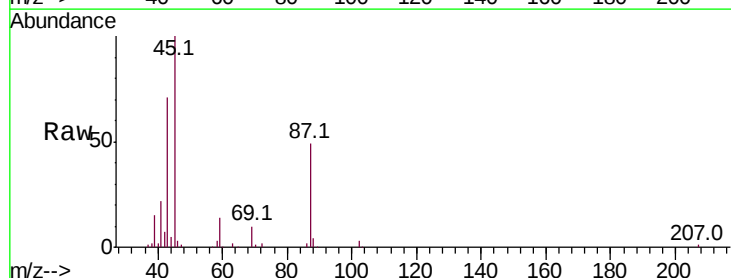
Ion Ratio Lower Upper

45 100

43 69.7 49.8 74.6

87 49.4 32.1 48.1#

59 14.2 11.9 17.9

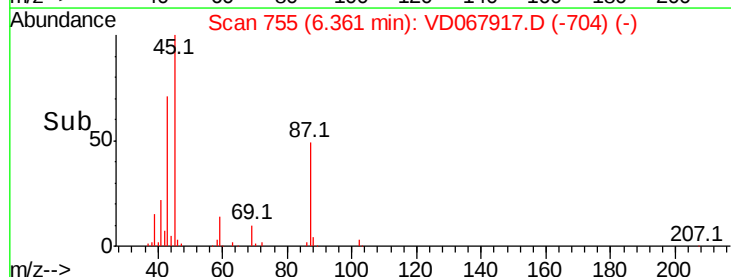
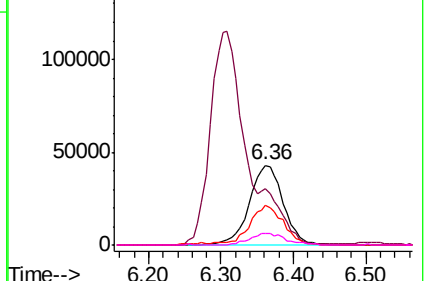


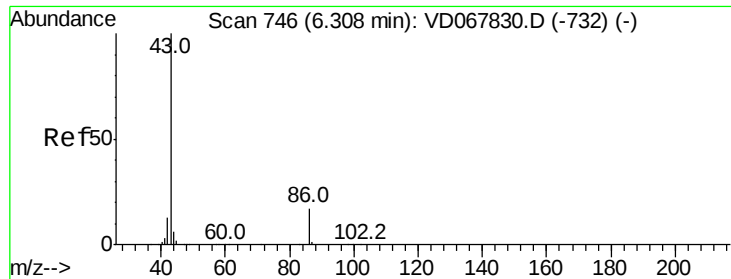
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 236.979 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

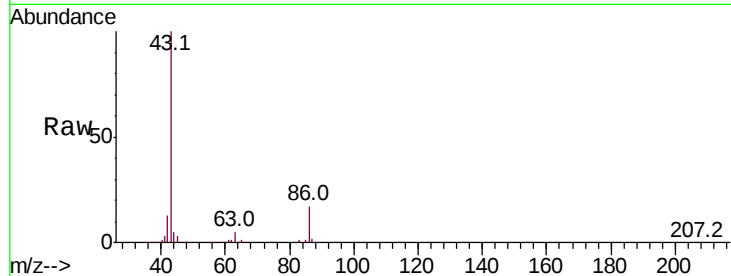
VSTDCCC050

Tot Ion: 43 Resp: 413784

Ion Ratio Lower Upper

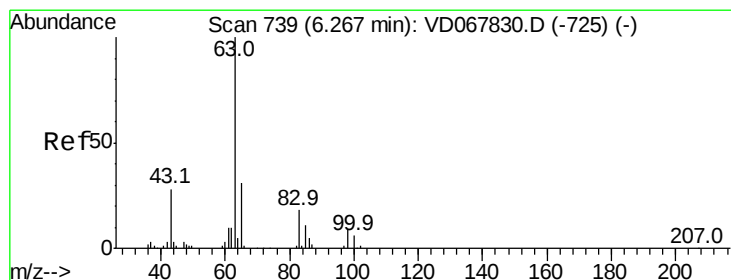
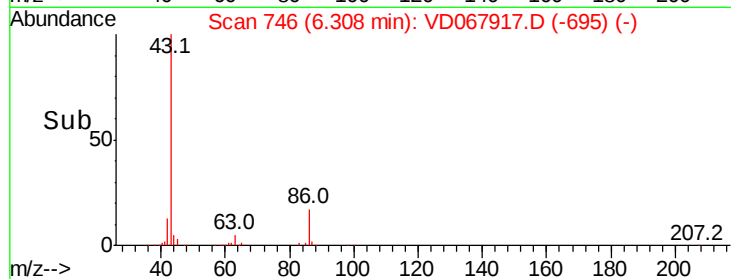
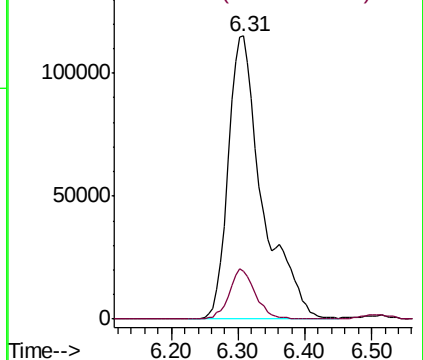
43 100

86 16.7 13.8 20.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 46.344 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

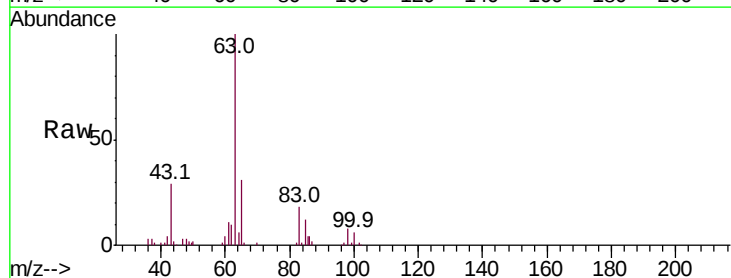
Tgt Ion: 63 Resp: 127507

Ion Ratio Lower Upper

63 100

98 7.6 4.5 13.5

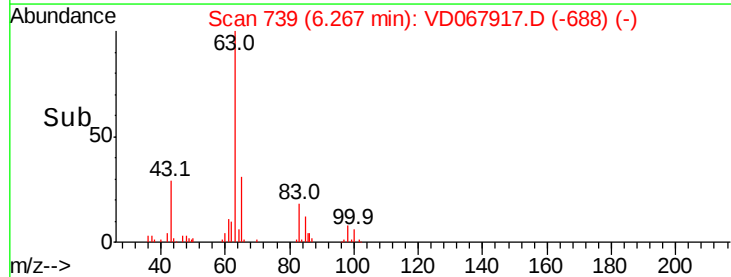
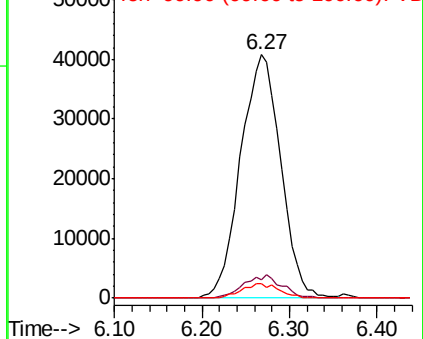
100 5.7 3.0 9.2

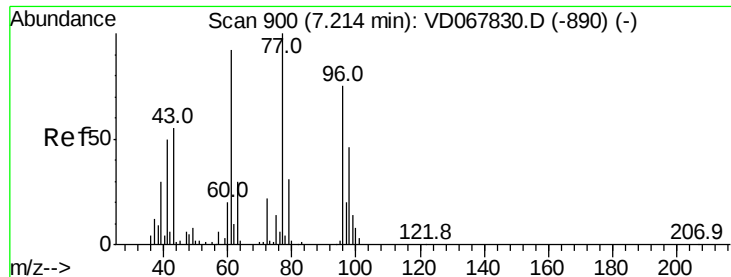


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

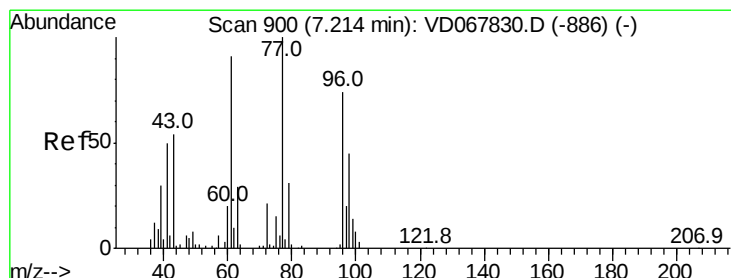
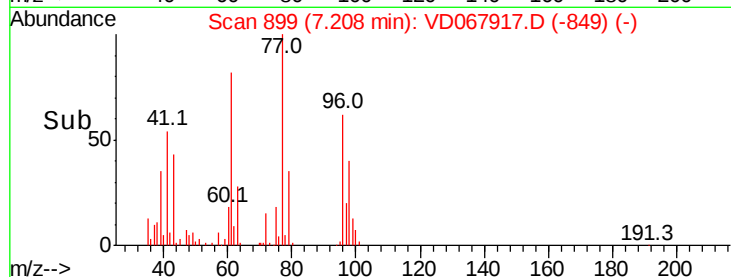
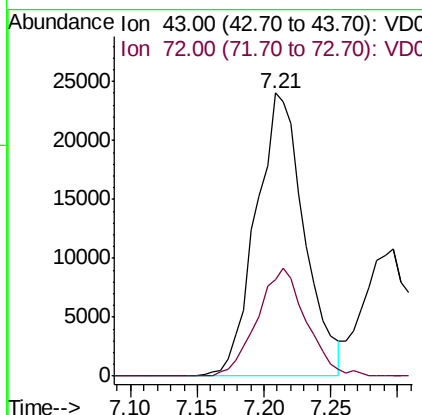
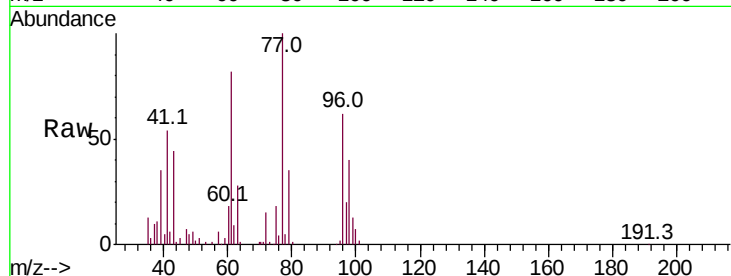




#25
2-Butanone
Concen: 212.946 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

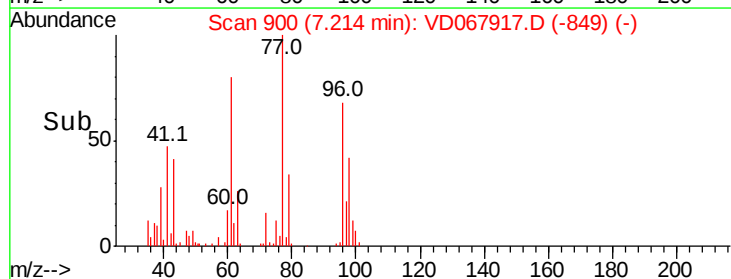
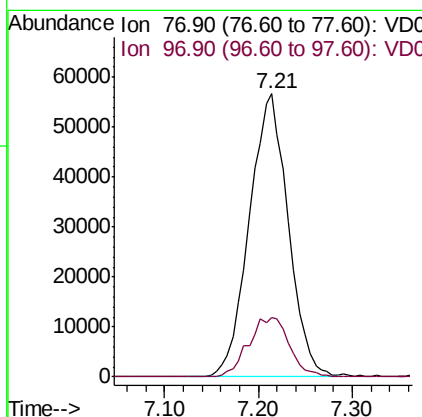
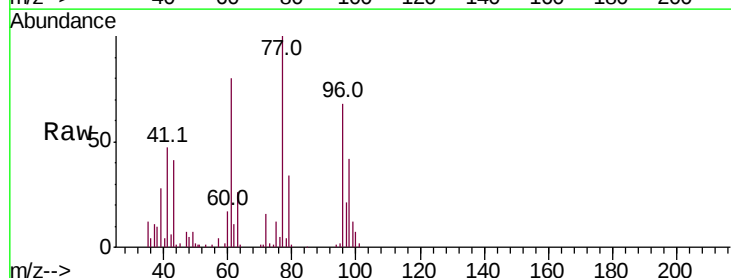
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

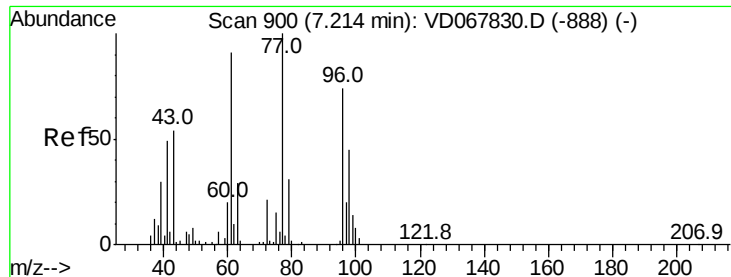
Tot Ion: 43 Resp: 60485
Ion Ratio Lower Upper
43 100
72 34.3 31.3 46.9



#26
2,2-Dichloropropane
Concen: 49.490 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 77 Resp: 162372
Ion Ratio Lower Upper
77 100
97 22.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 46.831 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

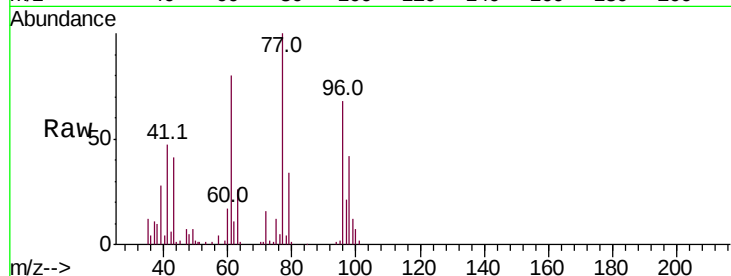
Tot Ion: 96 Resp: 98325

Ion Ratio Lower Upper

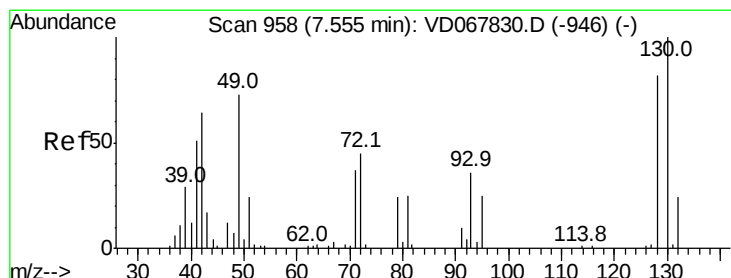
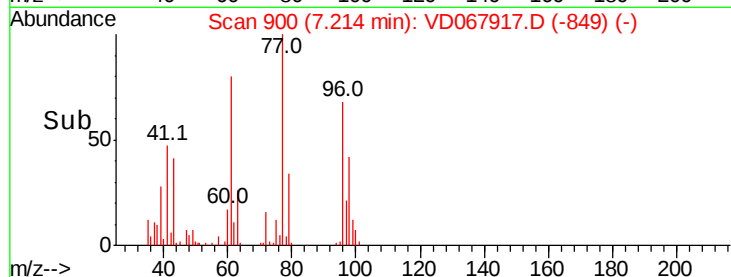
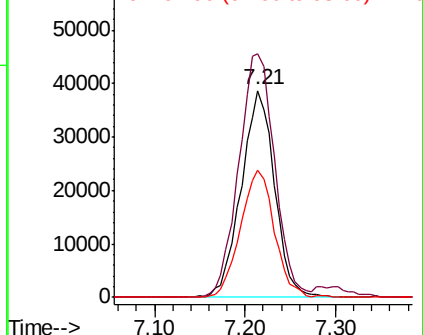
96 100

61 127.6 0.0 248.4

98 62.8 0.0 127.4



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



#28

Bromochloromethane

Concen: 48.808 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

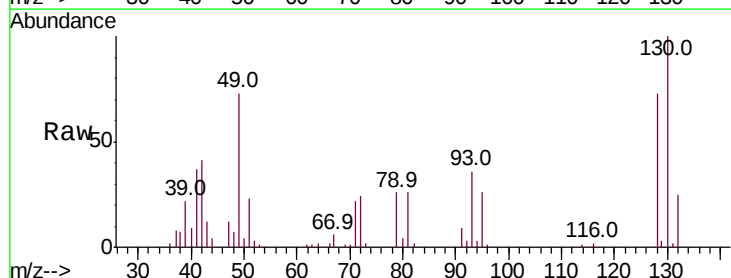
Tgt Ion: 49 Resp: 42636

Ion Ratio Lower Upper

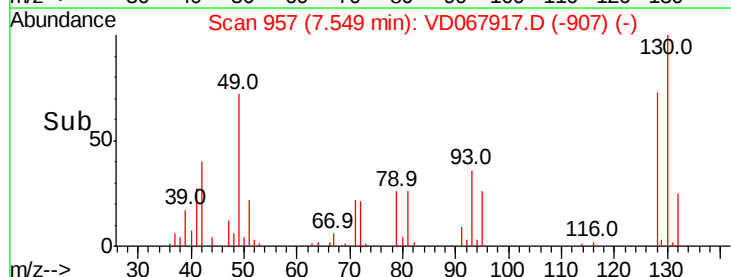
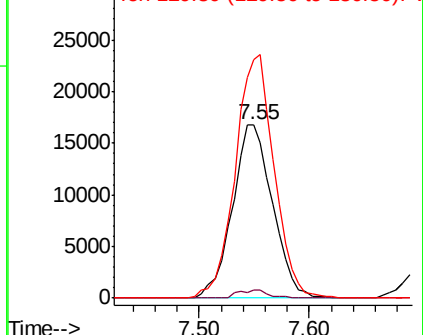
49 100

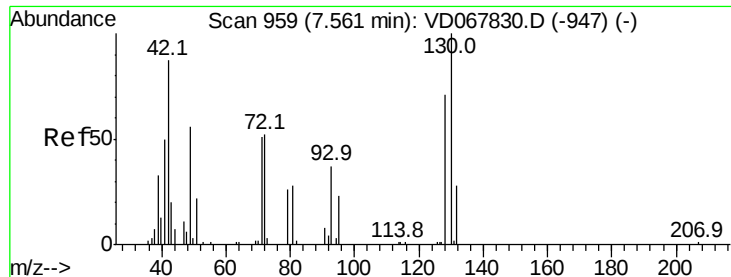
129 3.5 0.0 3.4#

130 136.4 110.2 165.2



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 202.439 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

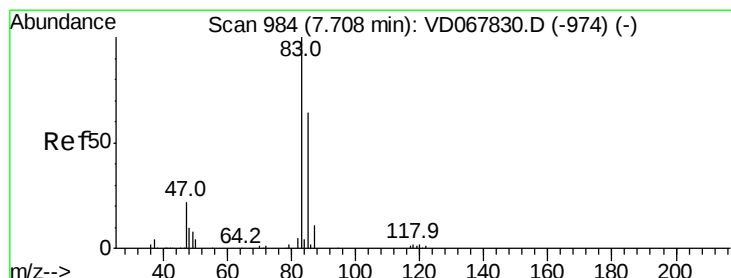
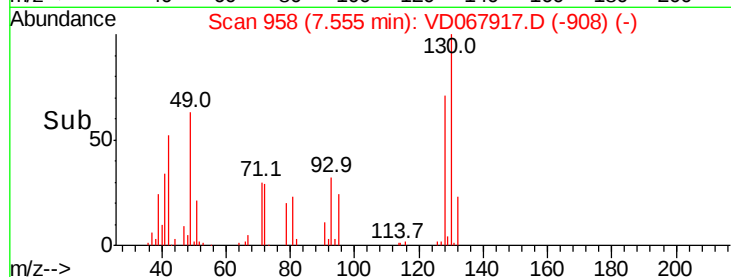
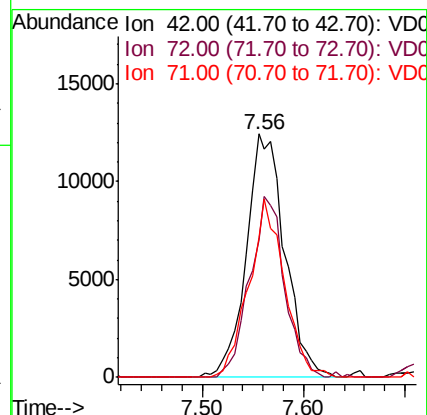
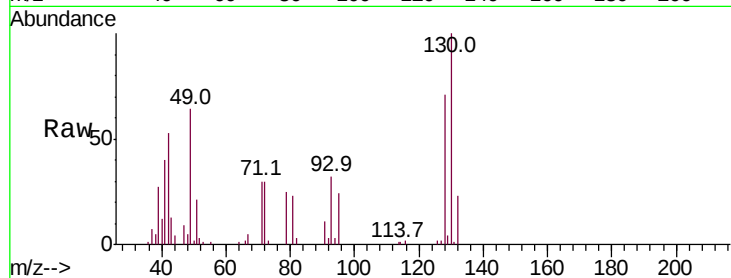
Tot Ion: 42 Resp: 32740

Ion Ratio Lower Upper

42 100

72 67.4 51.9 77.9

71 67.7 48.2 72.4



#30

Chloroform

Concen: 45.822 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD067917.D

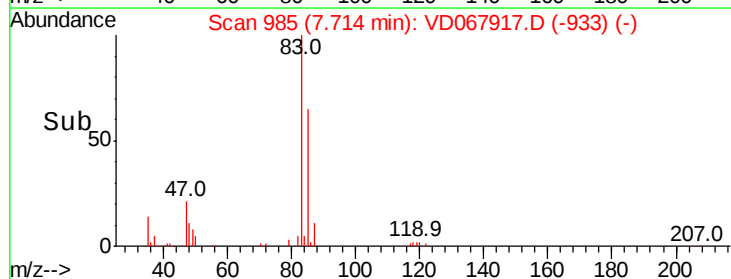
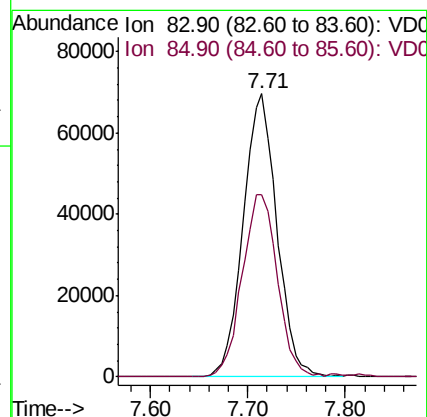
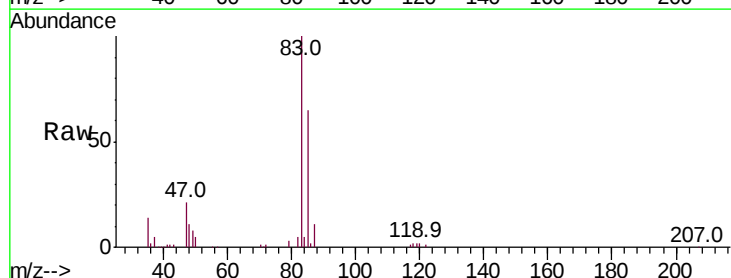
Acq: 09 Dec 2020 09:54

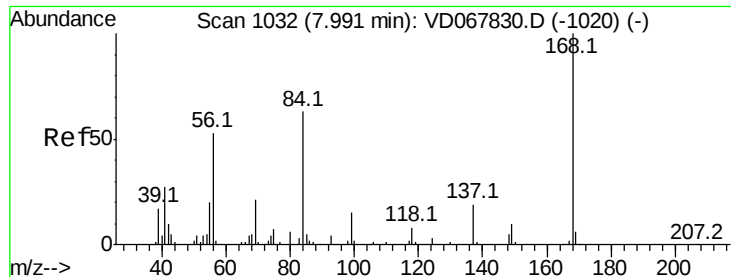
Tgt Ion: 83 Resp: 168479

Ion Ratio Lower Upper

83 100

85 64.6 51.0 76.4

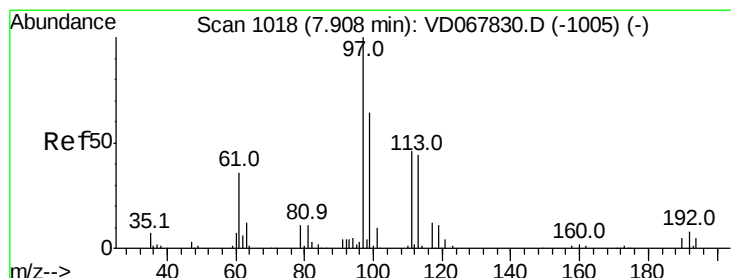
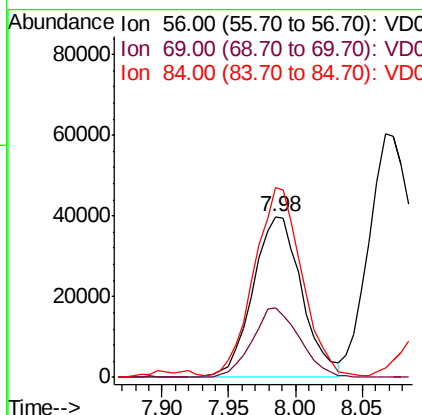
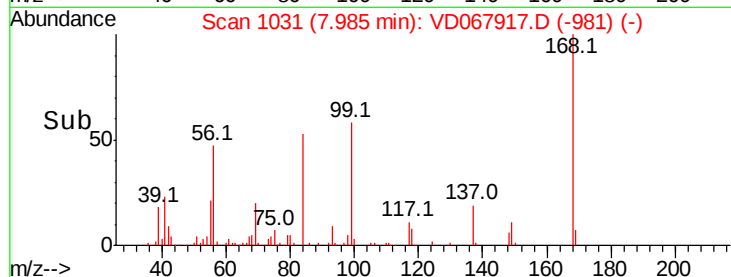
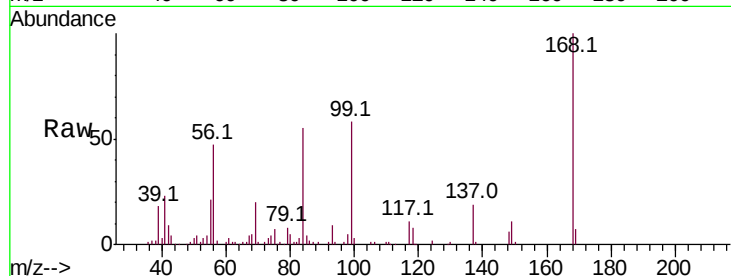




#31
Cyclohexane
Concen: 44.016 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

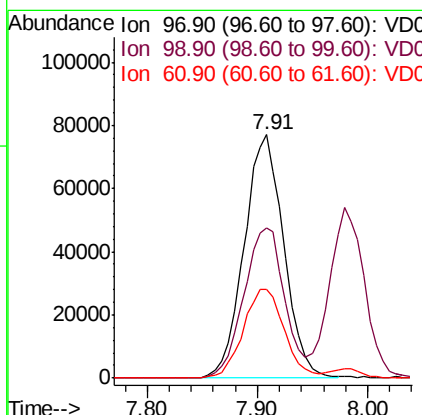
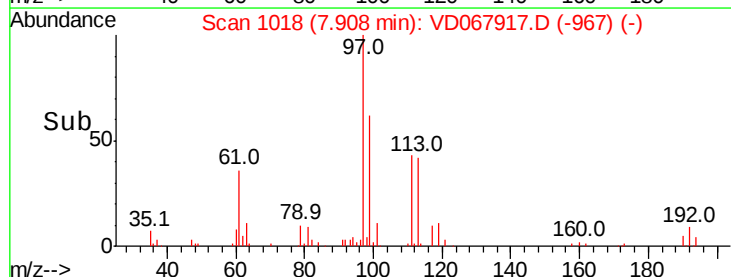
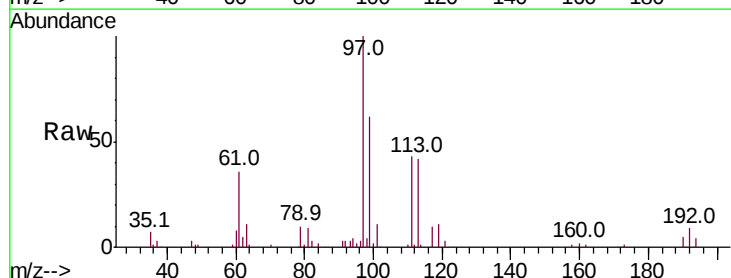
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

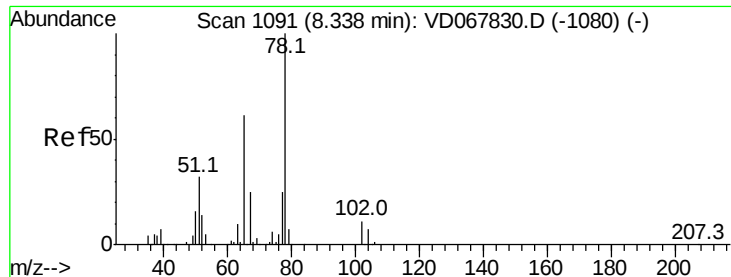
Tot Ion: 56 Resp: 101346
Ion Ratio Lower Upper
56 100
69 43.6 32.1 48.1
84 114.8 93.2 139.8



#32
1,1,1-Trichloroethane
Concen: 50.011 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 97 Resp: 194110
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.2
61 37.7 30.8 46.2

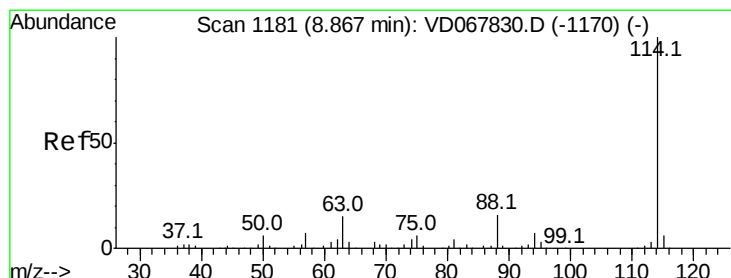
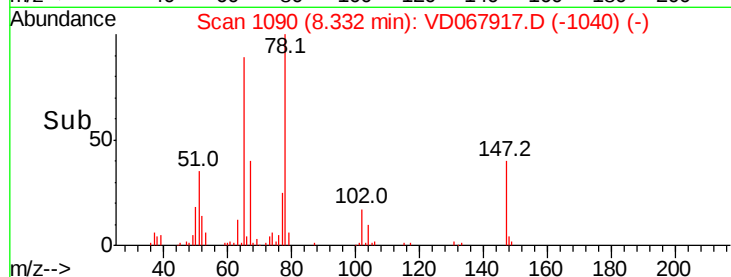
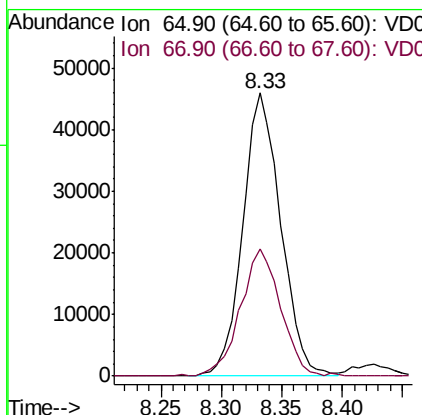
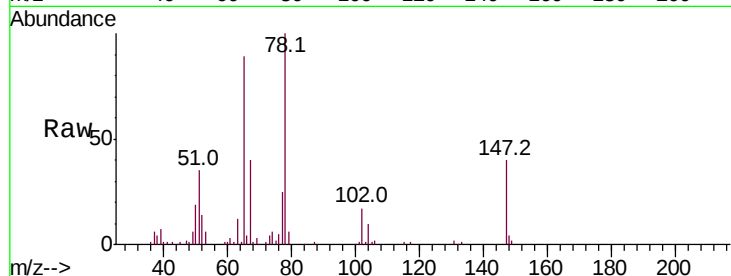




#33
 1,2-Dichloroethane-d4
 Concen: 46.005 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

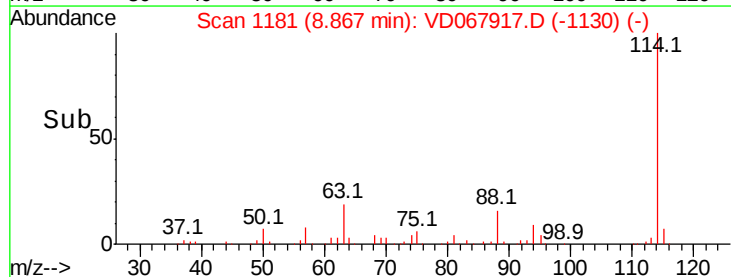
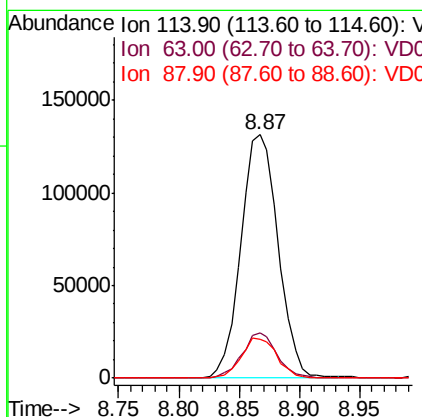
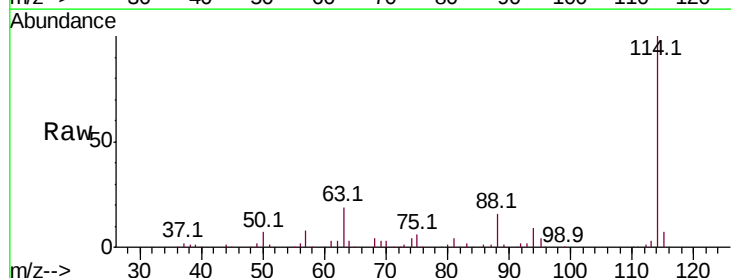
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

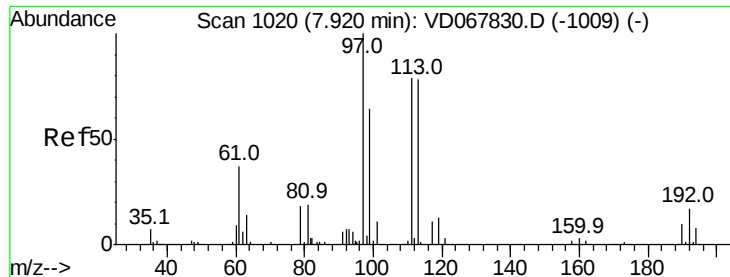
Tot Ion: 65 Resp: 100539
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

Tgt Ion: 114 Resp: 282696
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 30.8
 88 15.9 0.0 31.8



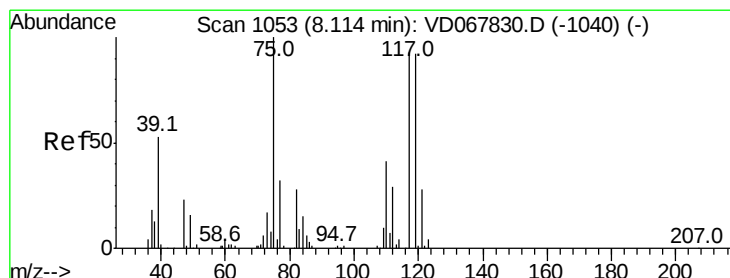
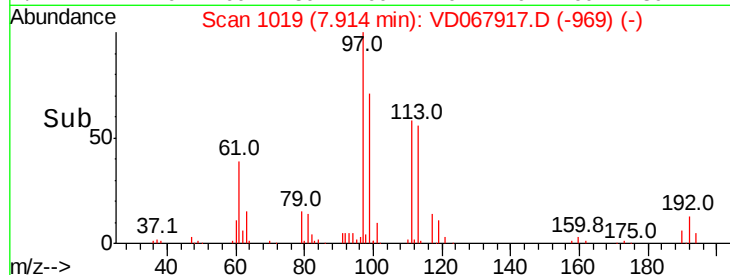
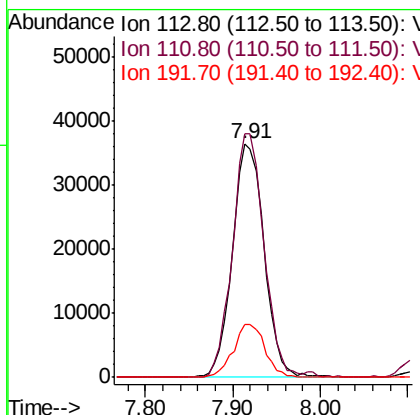
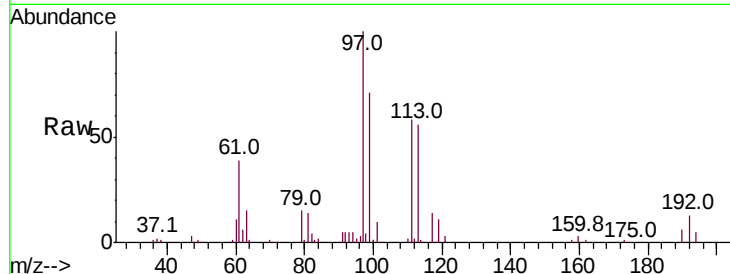


#35
Dibromofluoromethane
Concen: 47.379 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 89624

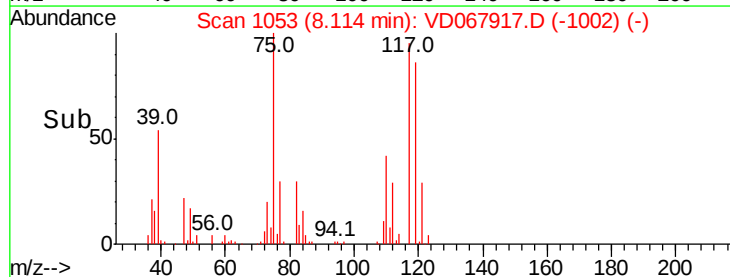
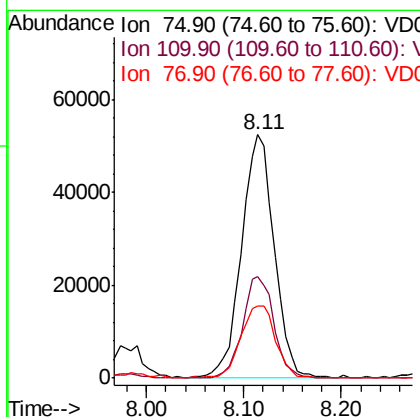
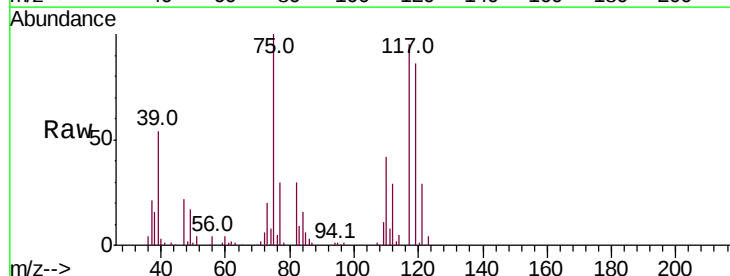
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.2	121.8
192	22.3	16.8	25.2

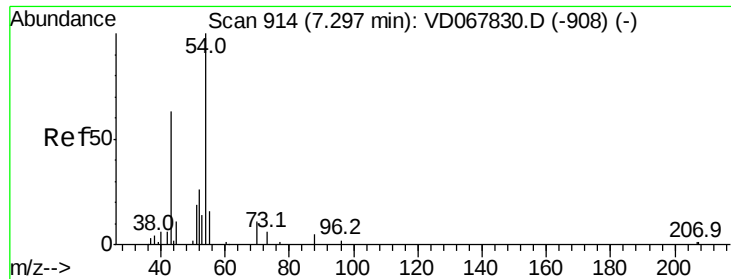


#36
1,1-Dichloropropene
Concen: 49.863 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 75 Resp: 122028

Ion	Ratio	Lower	Upper
75	100		
110	39.7	20.3	61.0
77	31.7	24.7	37.1

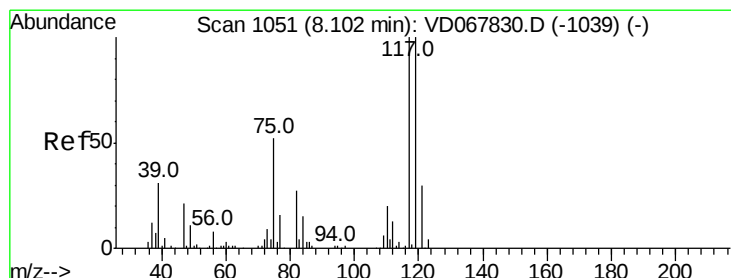
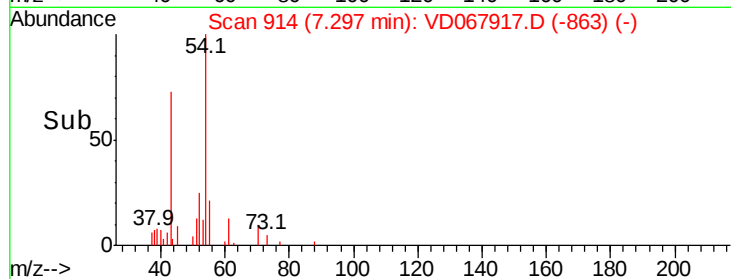
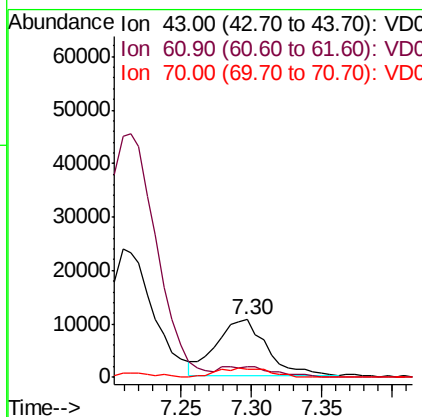
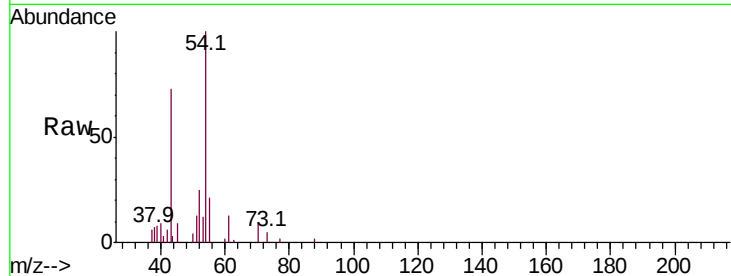




#37
Ethyl Acetate
Concen: 40.045 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

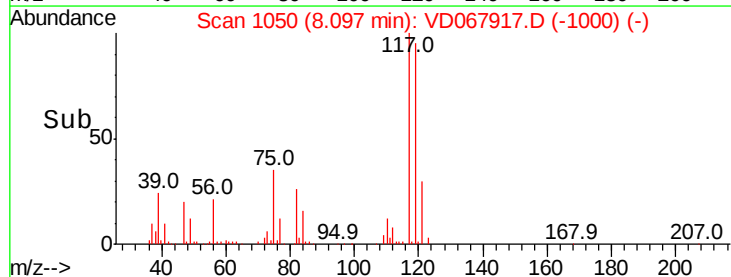
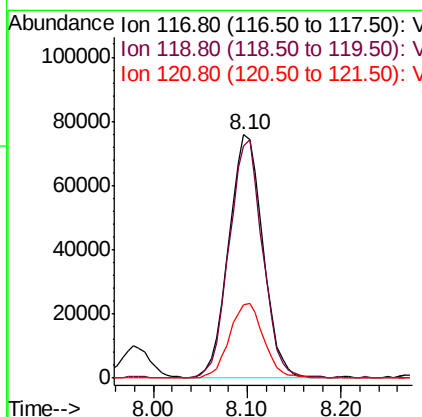
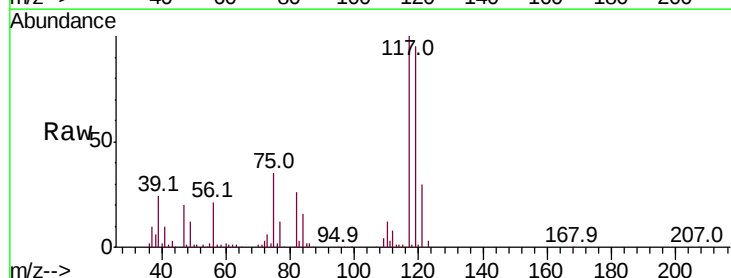
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

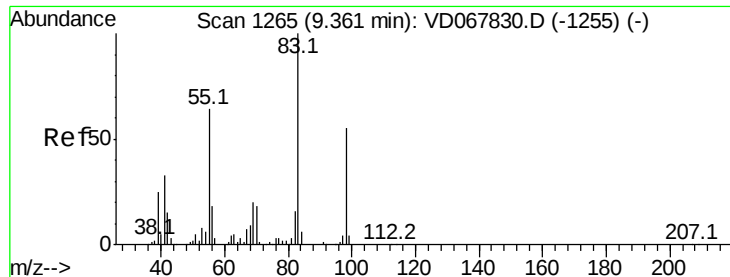
Tot Ion: 43 Resp: 26413
Ion Ratio Lower Upper
43 100
61 20.1 11.4 17.2#
70 16.6 11.5 17.3



#38
Carbon Tetrachloride
Concen: 51.744 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 117 Resp: 191599
Ion Ratio Lower Upper
117 100
119 95.2 79.7 119.5
121 30.1 23.8 35.6

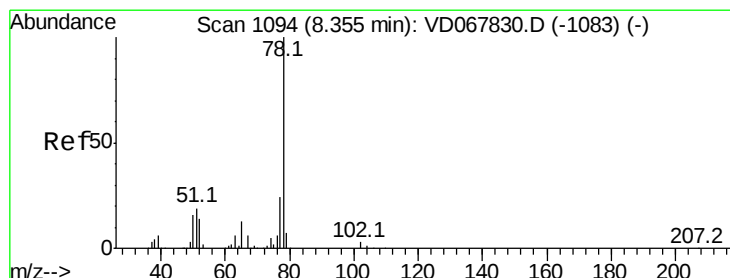
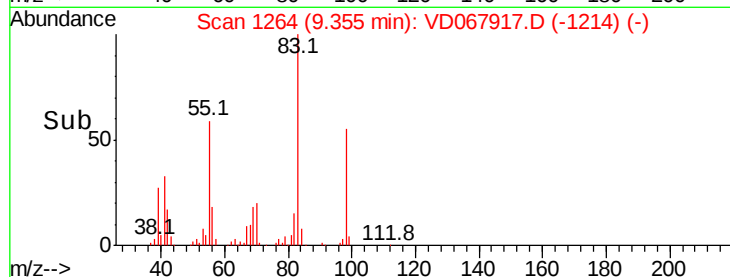
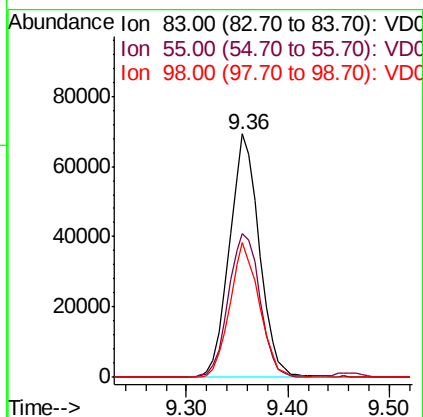
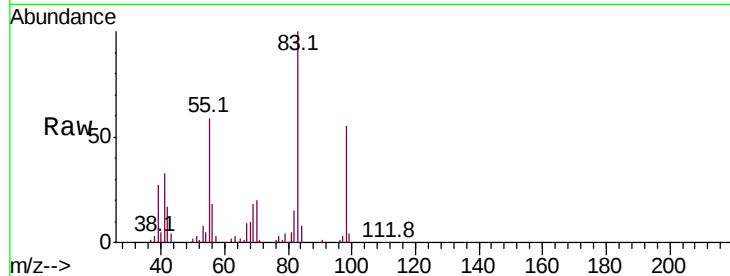




#39
Methvlcvclohexane
Concen: 48.799 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

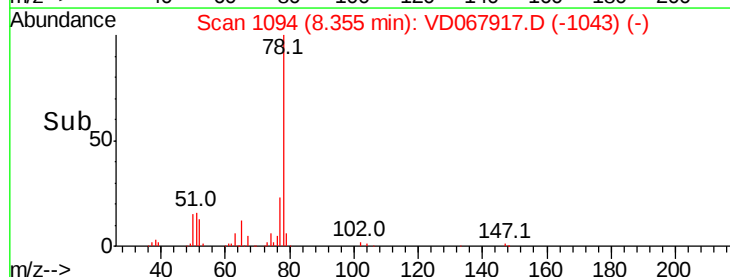
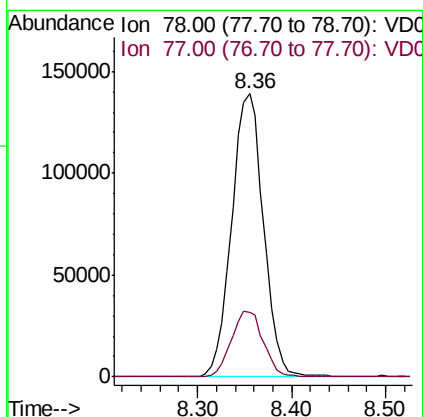
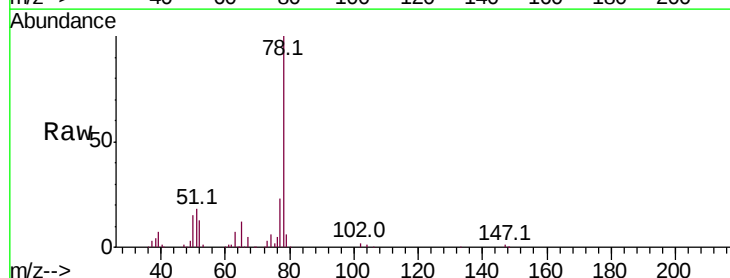
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

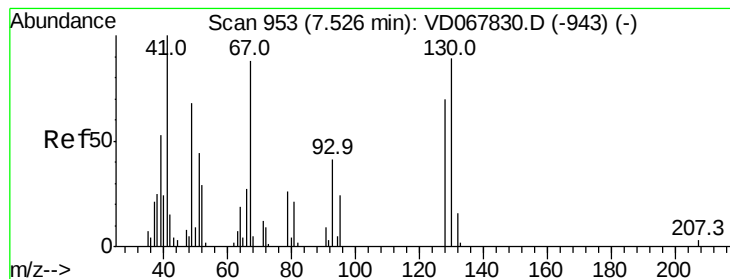
Tot Ion: 83 Resp: 141524
Ion Ratio Lower Upper
83 100
55 59.1 51.6 77.4
98 55.2 44.3 66.5



#40
Benzene
Concen: 48.767 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 78 Resp: 326565
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7





#41

Methacrylonitrile

Concen: 52.286 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 16313

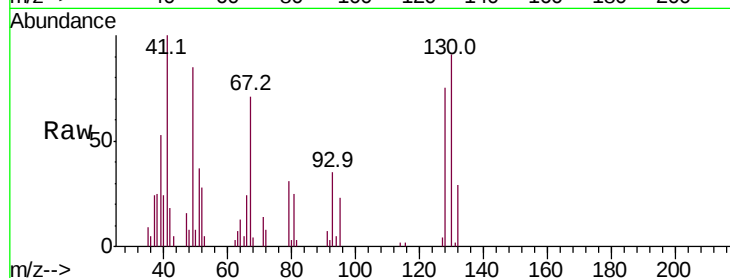
Ion Ratio Lower Upper

41 100

39 76.4 42.1 63.1#

67 101.0 82.4 123.6

52 43.7 30.6 45.8

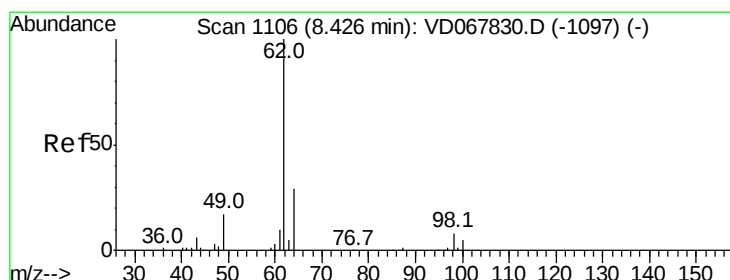
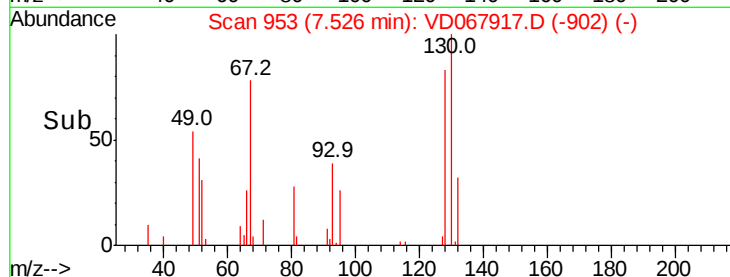
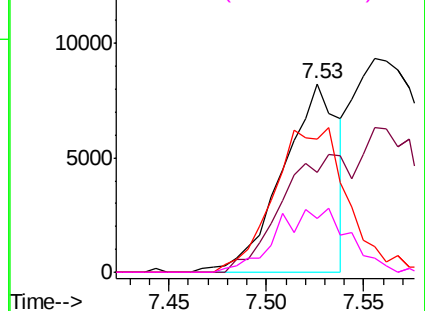


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 48.183 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD067917.D

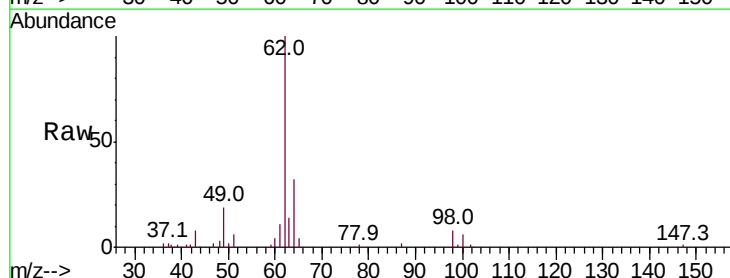
Acq: 09 Dec 2020 09:54

Tgt Ion: 62 Resp: 114995

Ion Ratio Lower Upper

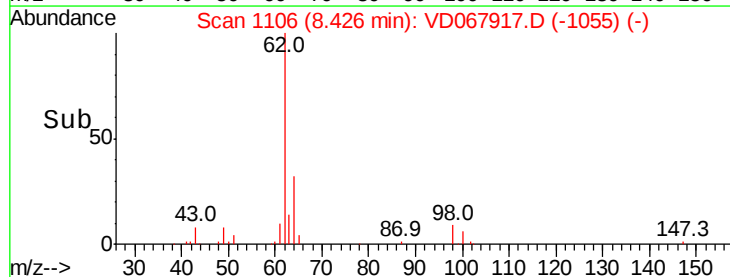
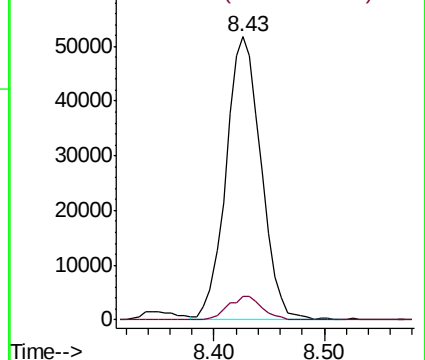
62 100

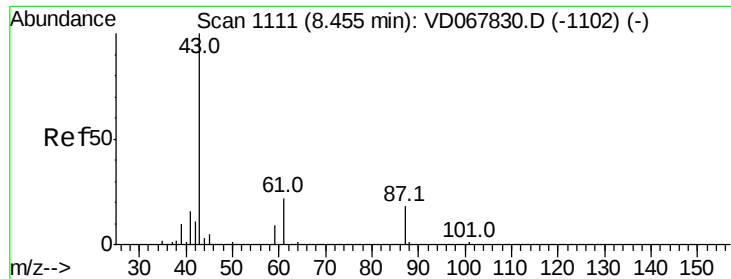
98 8.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 44.112 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

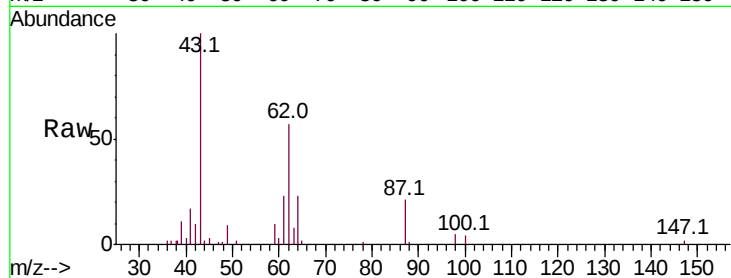
Tot Ion: 43 Resp: 57249

Ion Ratio Lower Upper

43 100

61 40.4 30.4 45.6

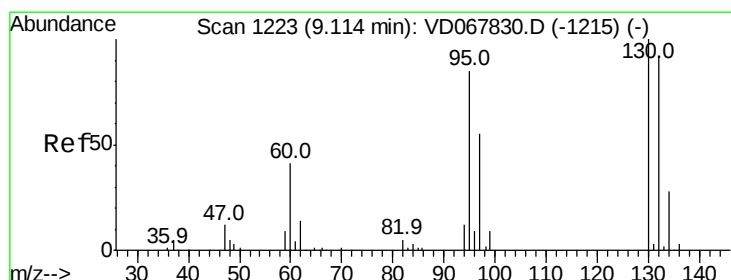
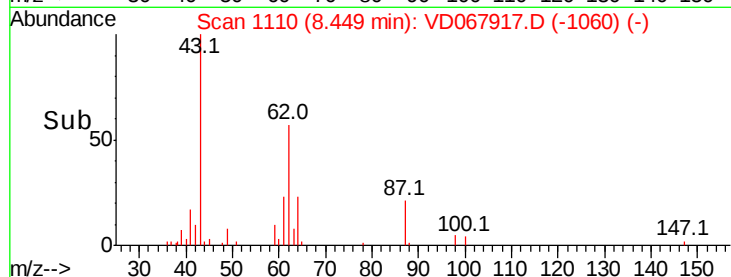
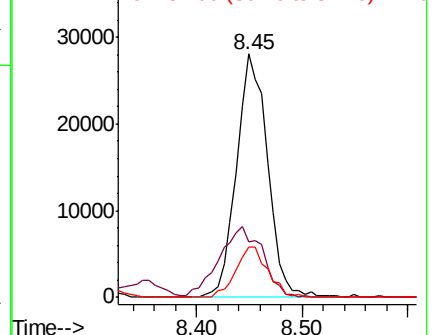
87 21.0 16.2 24.2



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: 48.772 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD067917.D

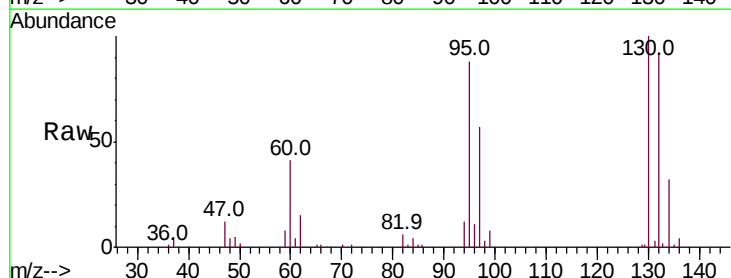
Acq: 09 Dec 2020 09:54

Tgt Ion:130 Resp: 112289

Ion Ratio Lower Upper

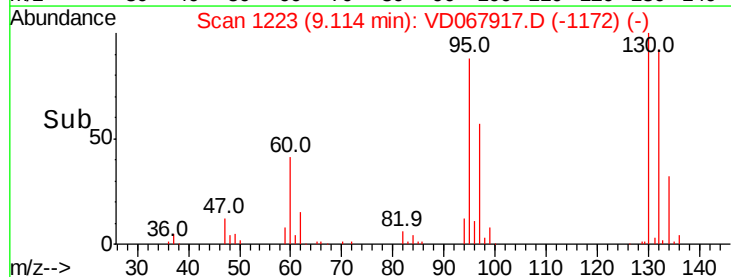
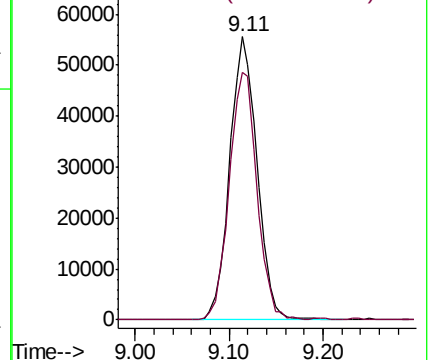
130 100

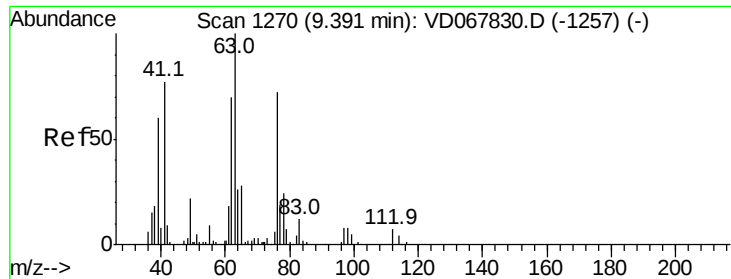
95 87.5 0.0 170.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 44.794 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

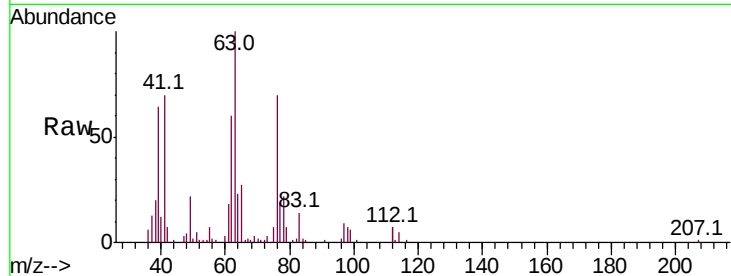
VSTDCCC050

Tot Ion: 63 Resp: 61565

Ion Ratio Lower Upper

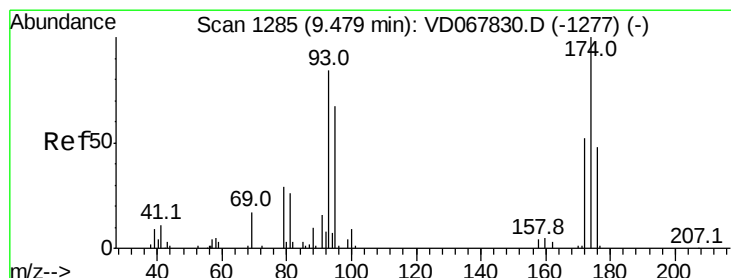
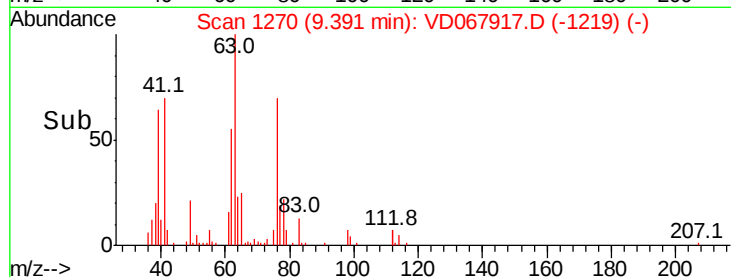
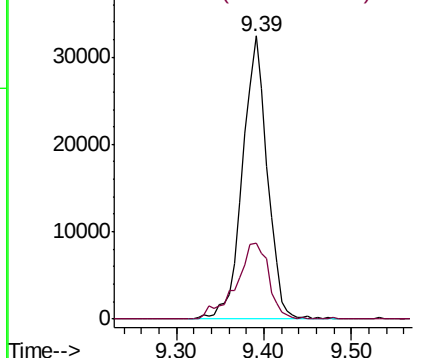
63 100

65 26.7 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 46.571 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

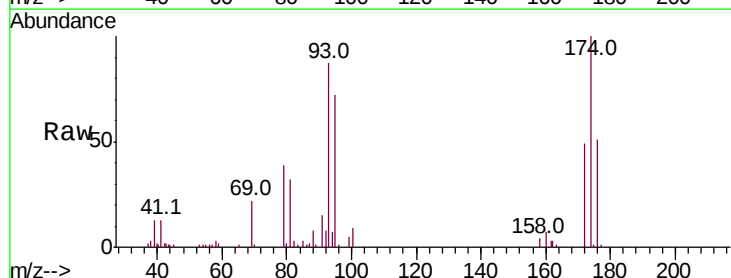
Tgt Ion: 93 Resp: 44503

Ion Ratio Lower Upper

93 100

95 84.1 64.2 96.4

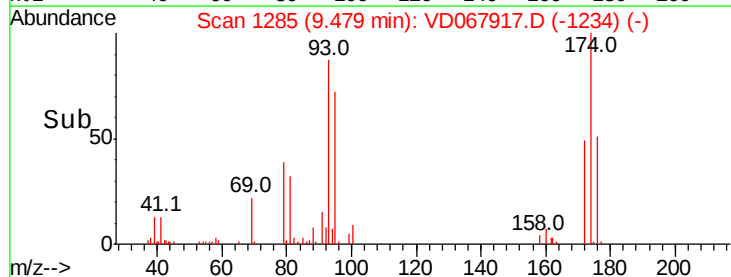
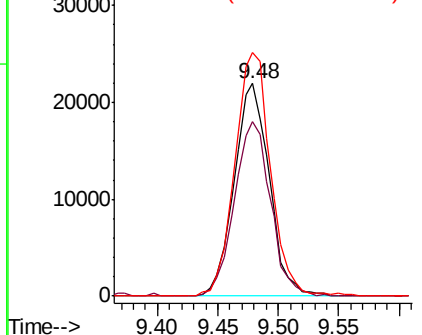
174 116.9 91.5 137.3

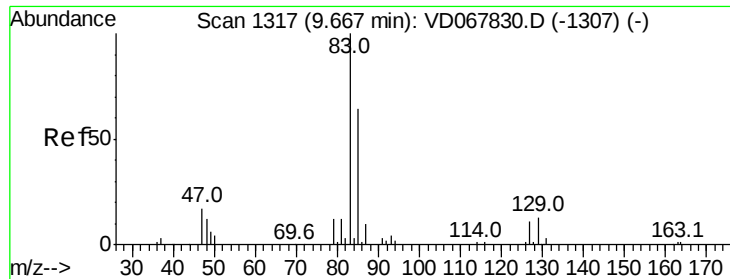


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC

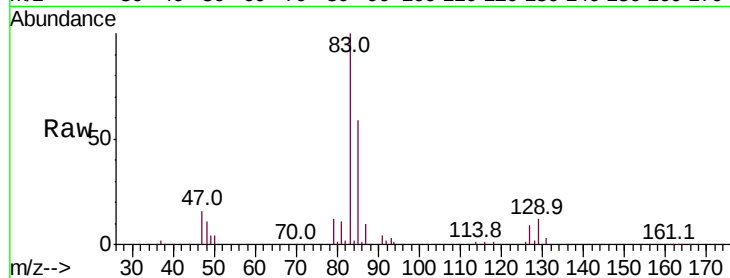




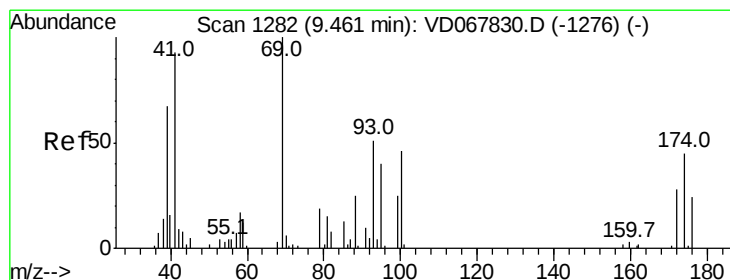
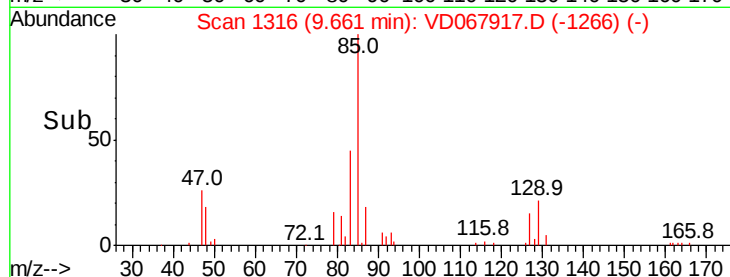
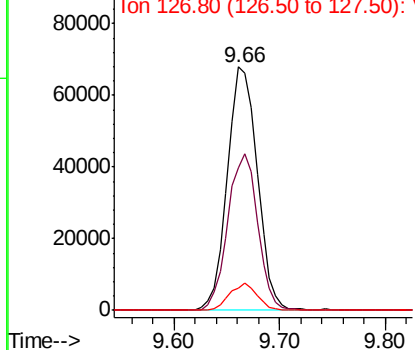
#47
Bromodichloromethane
Concen: 49.063 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 133660
Ion Ratio Lower Upper
83 100
85 58.5 51.4 77.0
127 9.0 8.5 12.7

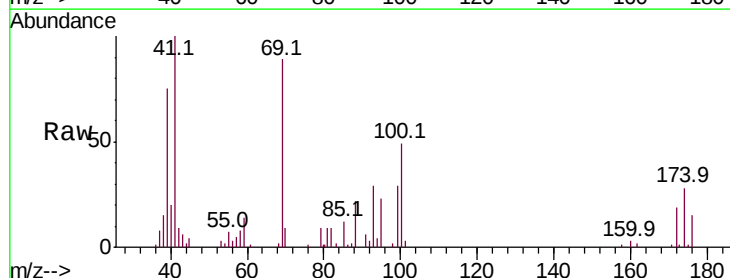


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

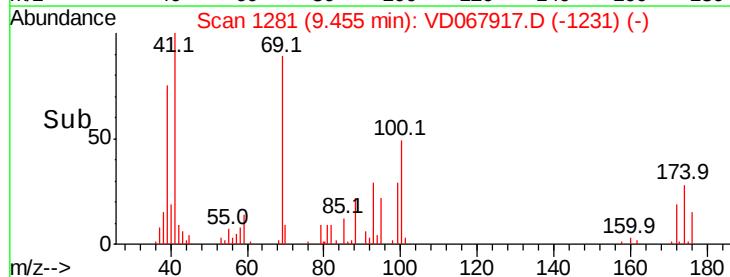
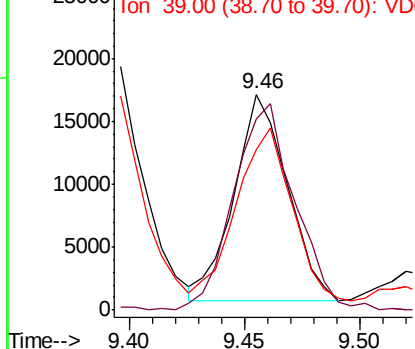


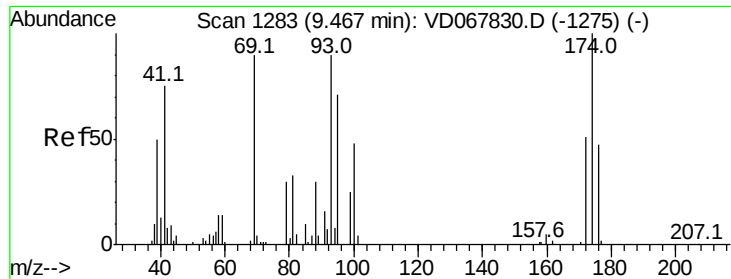
#48
Methyl methacrylate
Concen: 40.367 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 41 Resp: 26602
Ion Ratio Lower Upper
41 100
69 114.8 87.6 131.4
39 86.3 61.2 91.8



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

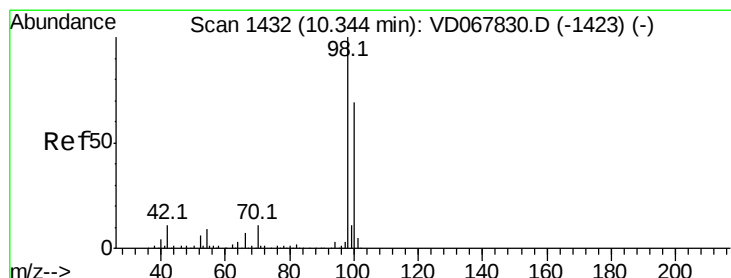
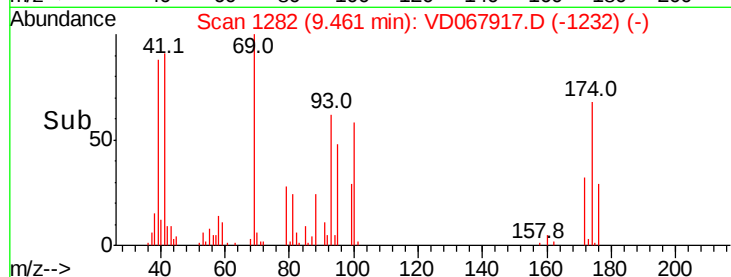
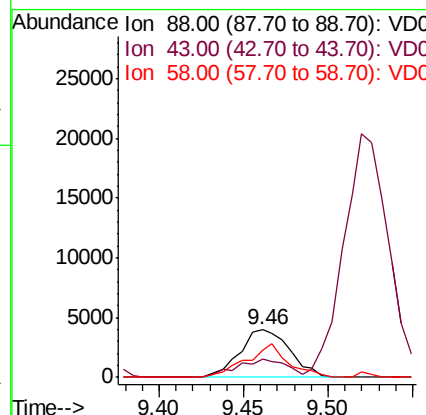
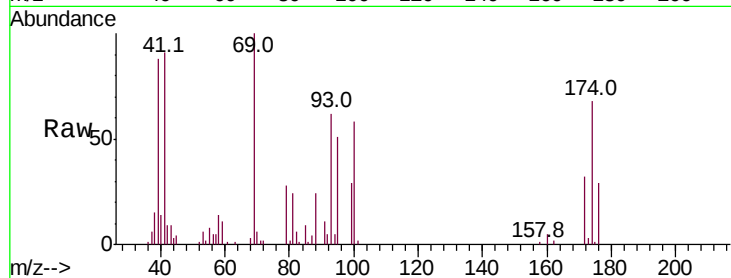




#49
1,4-Dioxane
Concen: 754.457 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

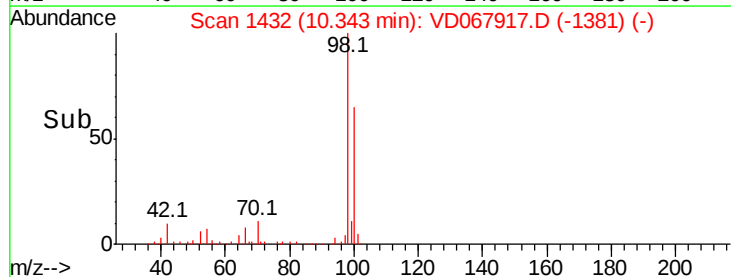
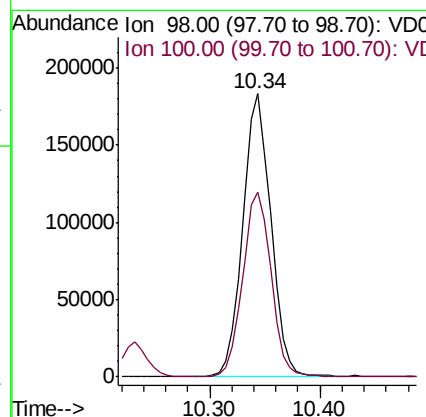
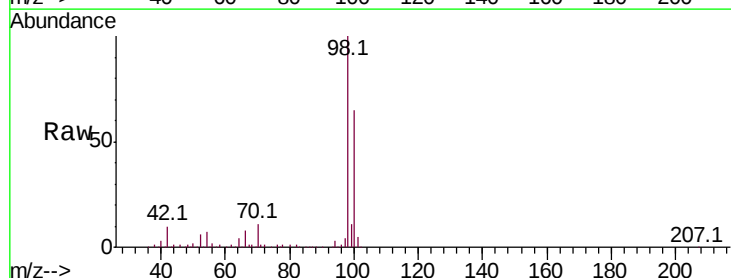
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

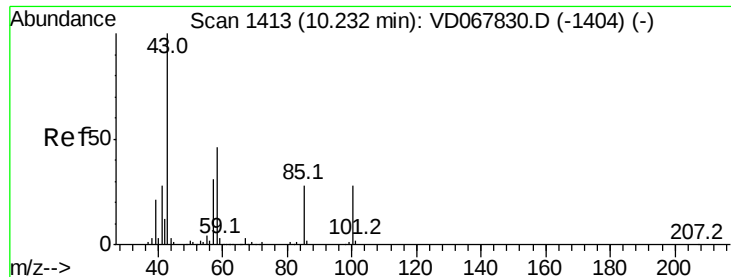
Tot Ion: 88 Resp: 8238
Ion Ratio Lower Upper
88 100
43 38.0 30.1 45.1
58 57.5 42.4 63.6



#50
Toluene-d8
Concen: 48.316 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 98 Resp: 329009
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 223.945 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

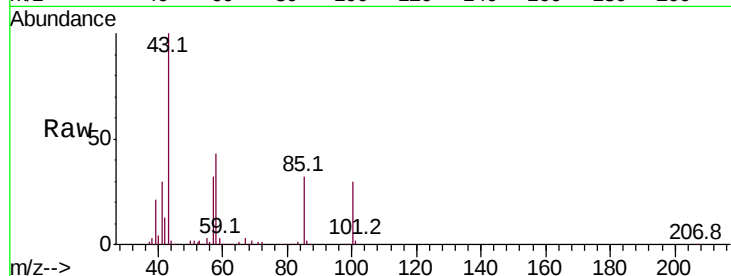
VSTDCCC050

Tot Ion: 43 Resp: 137554

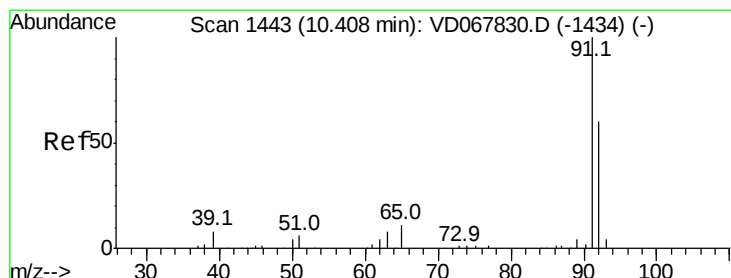
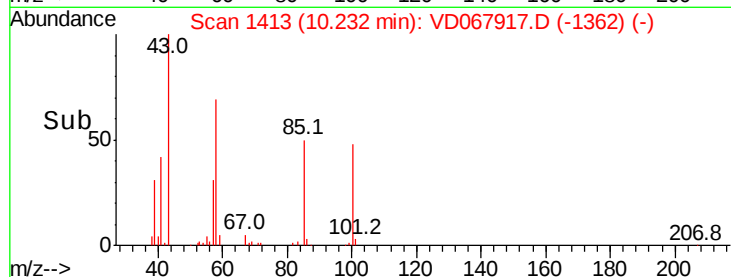
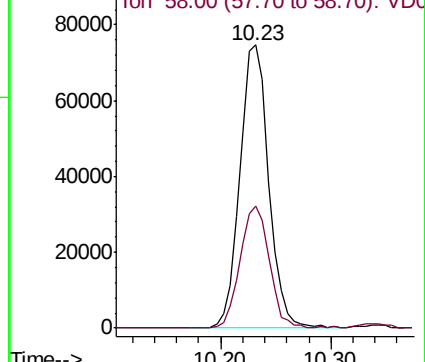
Ion Ratio Lower Upper

43 100

58 43.8 35.7 53.5



Abundance Ion 43.00 (42.70 to 43.70): VDC



#52

Toluene

Concen: 48.486 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067917.D

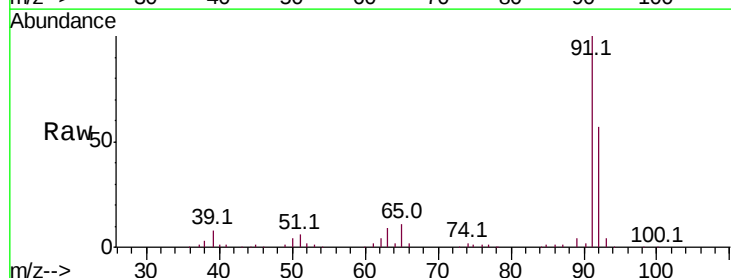
Acq: 09 Dec 2020 09:54

Tgt Ion: 92 Resp: 227003

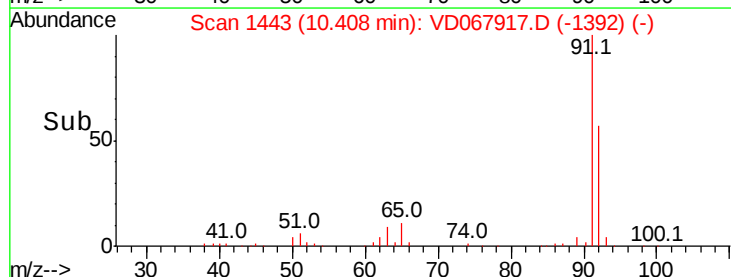
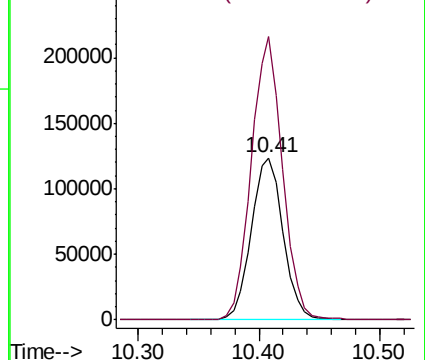
Ion Ratio Lower Upper

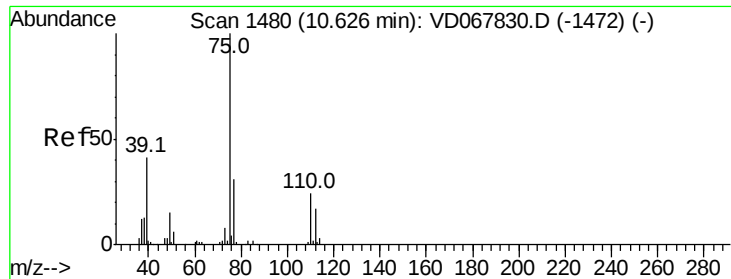
92 100

91 170.9 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VDC





#53

t-1,3-Dichloropropene

Concen: 49.305 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

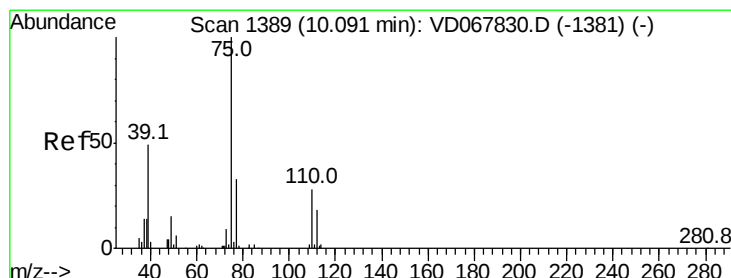
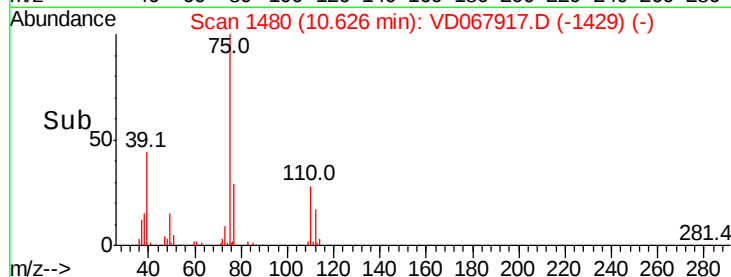
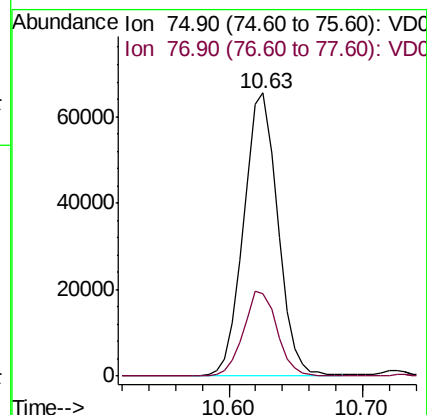
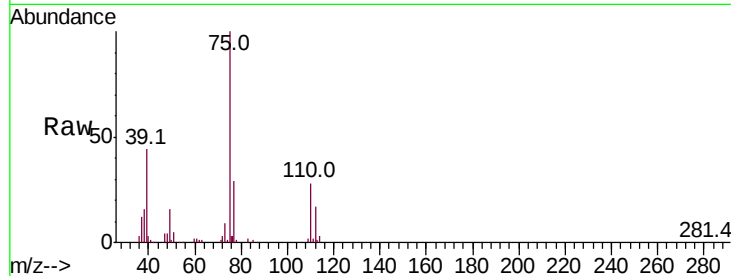
VSTDCCC050

Tot Ion: 75 Resp: 115932

Ion Ratio Lower Upper

75 100

77 29.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 48.022 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

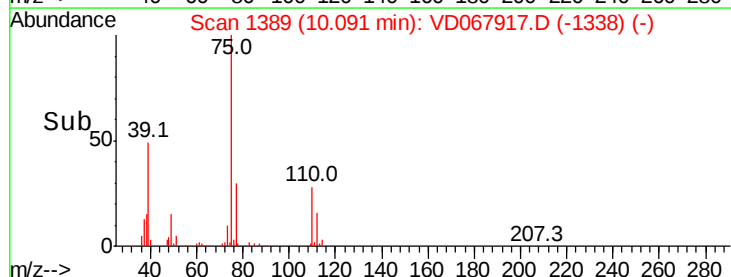
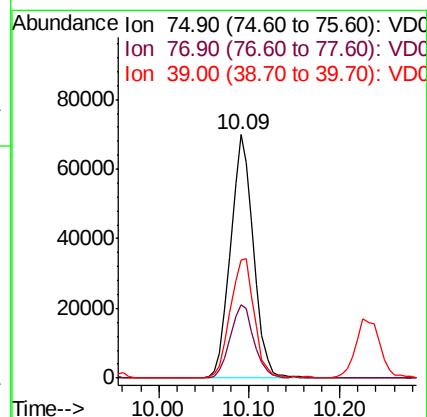
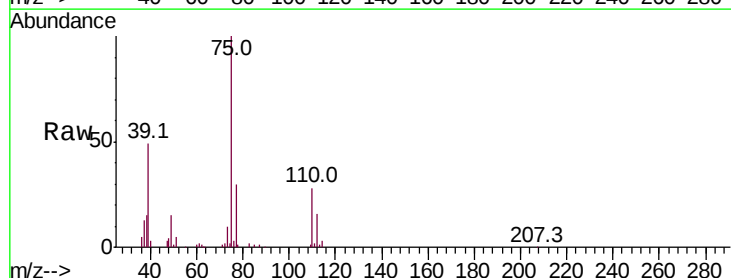
Tgt Ion: 75 Resp: 122823

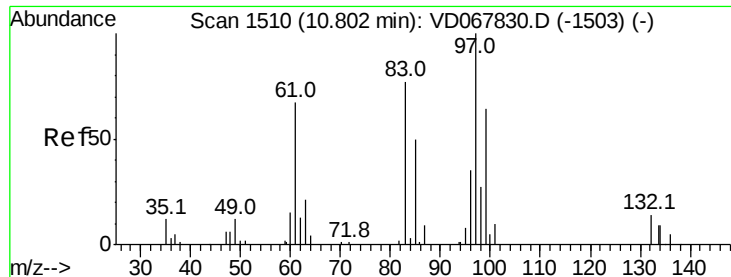
Ion Ratio Lower Upper

75 100

77 30.2 26.2 39.2

39 48.3 39.0 58.4

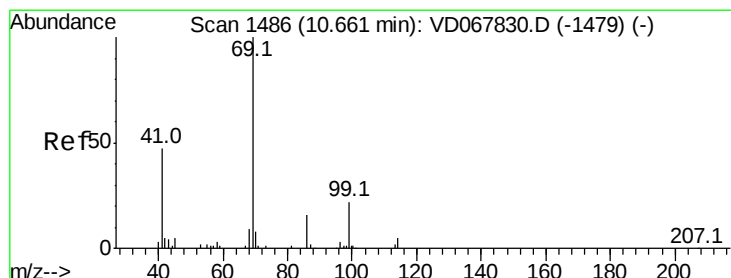
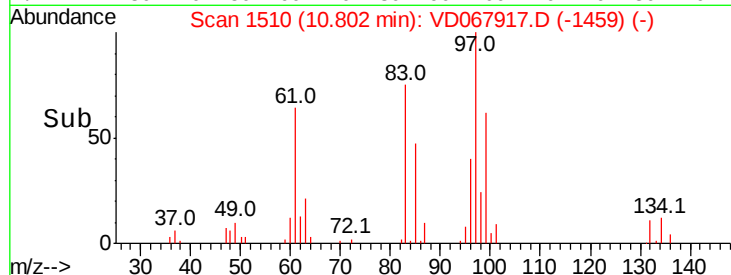
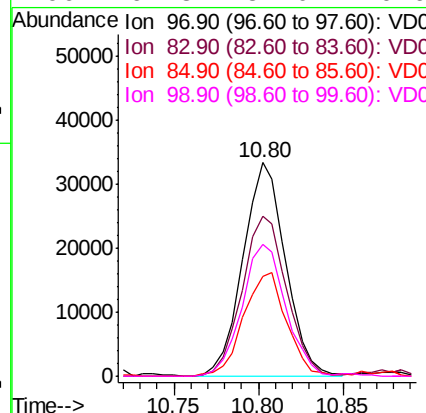
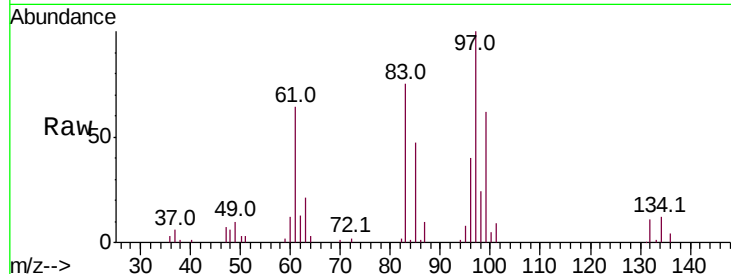




#55
 1,1,2-Trichloroethane
 Concen: 44.781 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

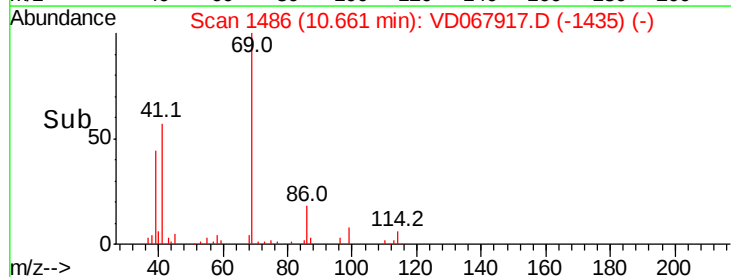
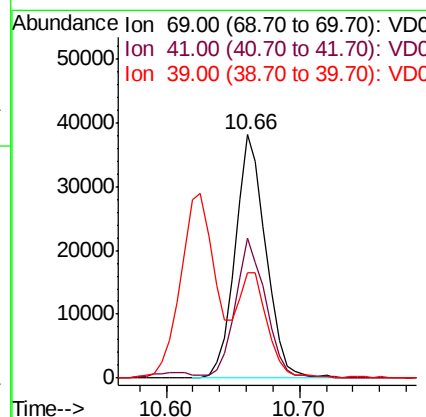
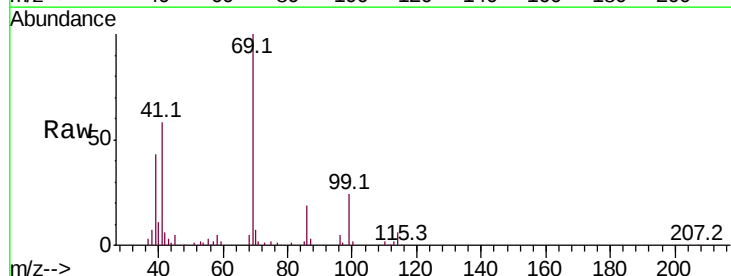
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

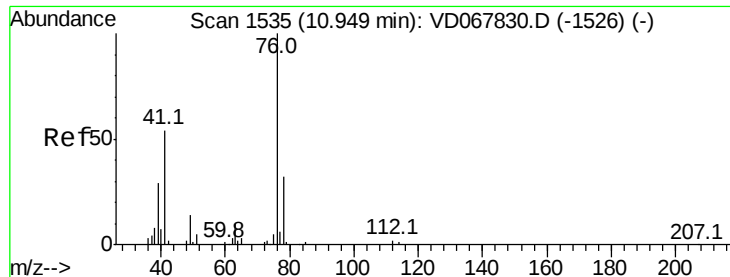
Tot Ion: 97 Resp: 58562
 Ion Ratio Lower Upper
 97 100
 83 74.8 61.9 92.9
 85 46.8 40.2 60.4
 99 61.8 51.0 76.6



#56
 Ethyl methacrylate
 Concen: 45.719 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

Tgt Ion: 69 Resp: 60831
 Ion Ratio Lower Upper
 69 100
 41 57.7 42.8 64.2
 39 39.5 30.5 45.7





#57

1,3-Dichloropropane

Concen: 44.524 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

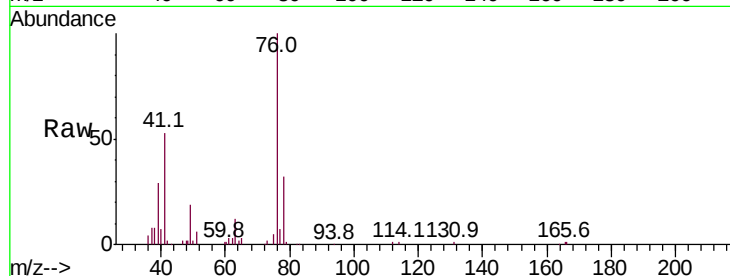
VSTDCCC050

Tot Ion: 76 Resp: 92233

Ion Ratio Lower Upper

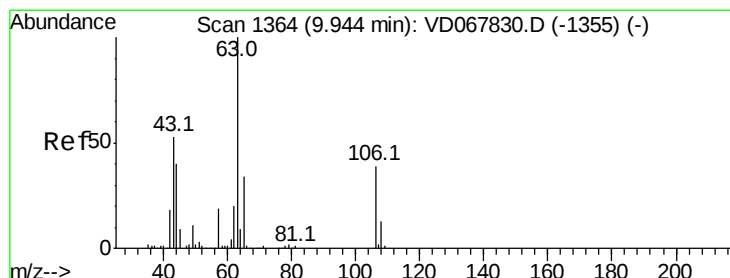
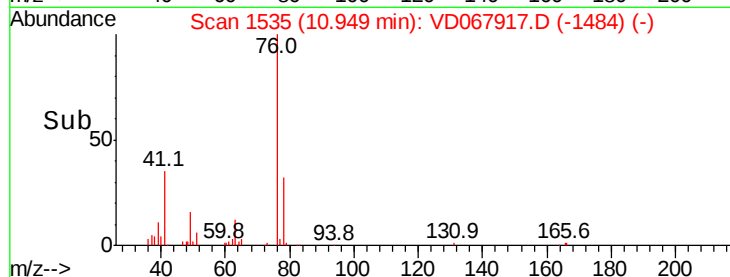
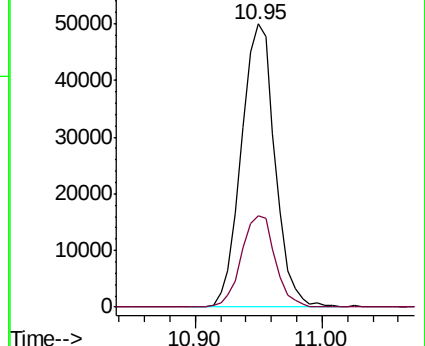
76 100

78 32.2 26.6 39.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 254.189 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD067917.D

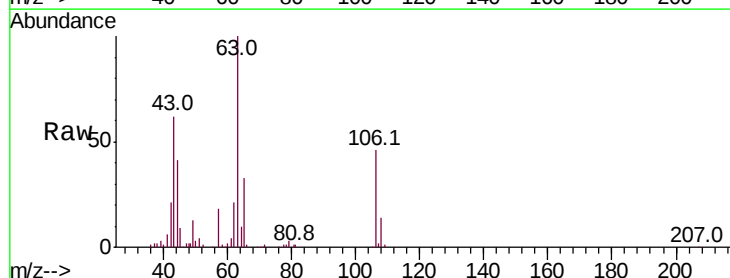
Acq: 09 Dec 2020 09:54

Tgt Ion: 63 Resp: 153899

Ion Ratio Lower Upper

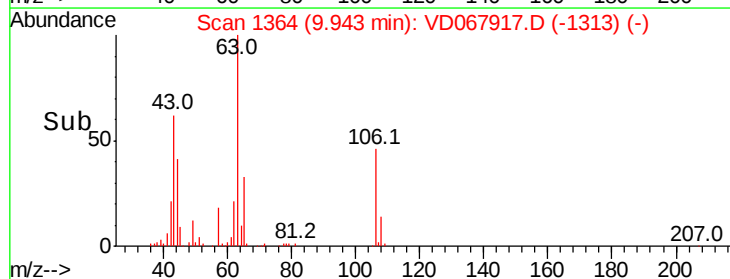
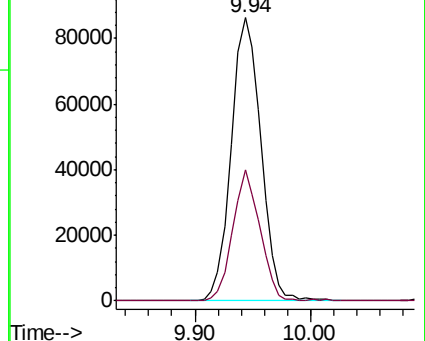
63 100

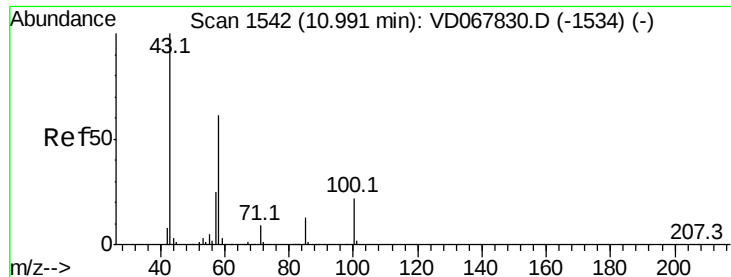
106 42.3 32.0 48.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

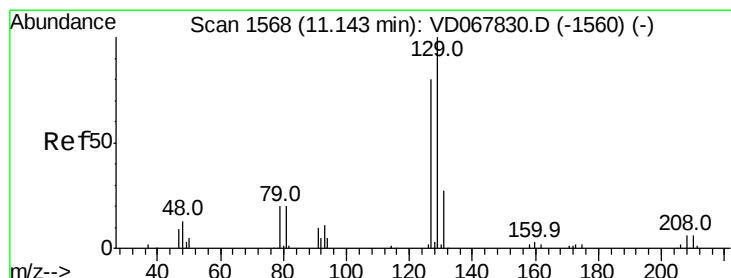
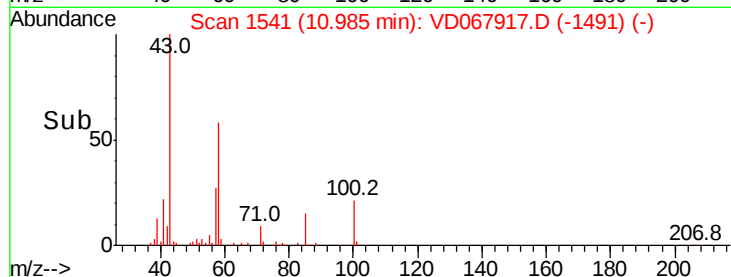
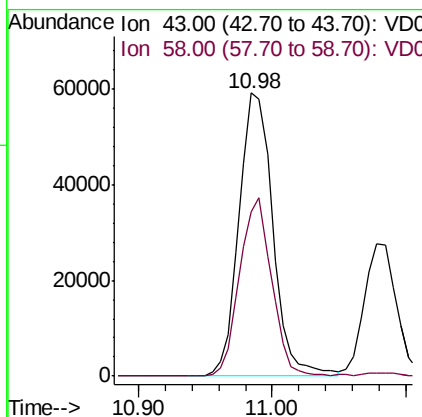
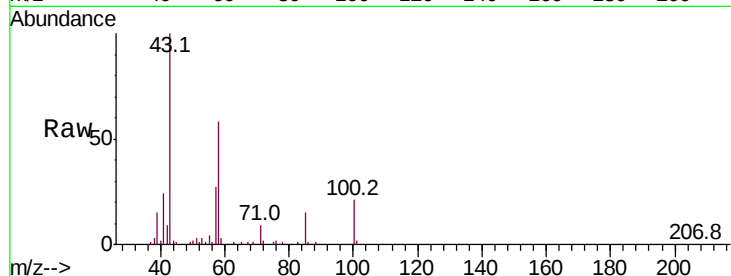




#59
2-Hexanone
Concen: 240.536 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

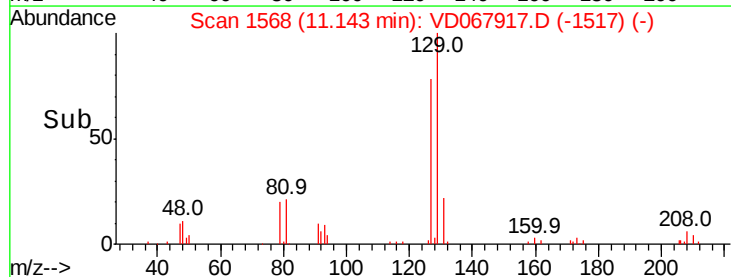
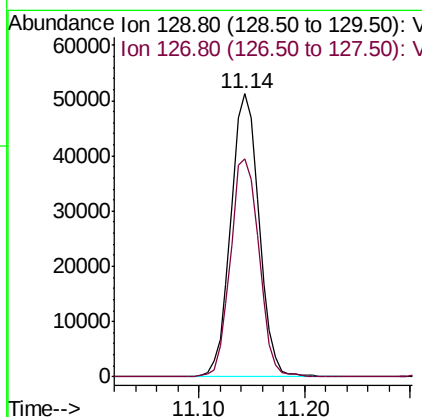
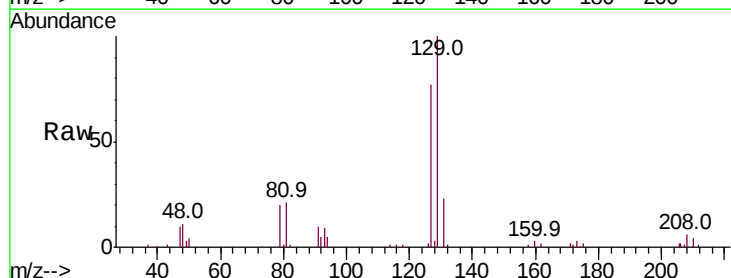
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

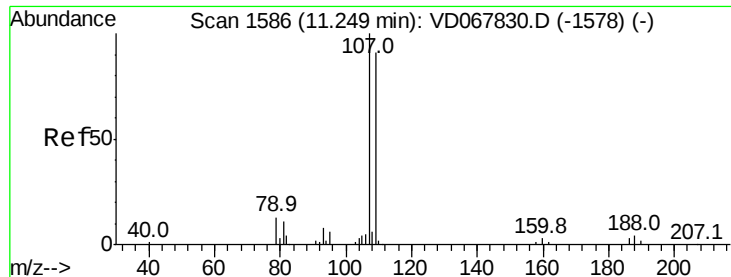
Tot Ion: 43 Resp: 104152
Ion Ratio Lower Upper
43 100
58 59.5 29.9 89.7



#60
Dibromochloromethane
Concen: 47.838 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 129 Resp: 94304
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

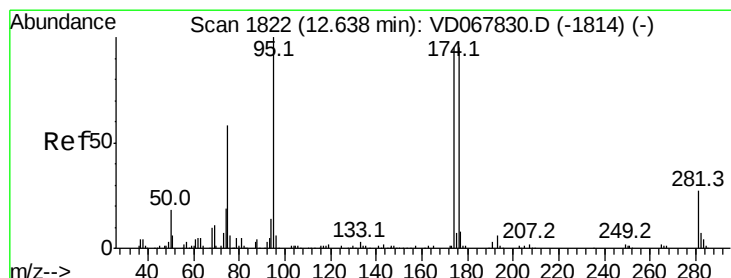
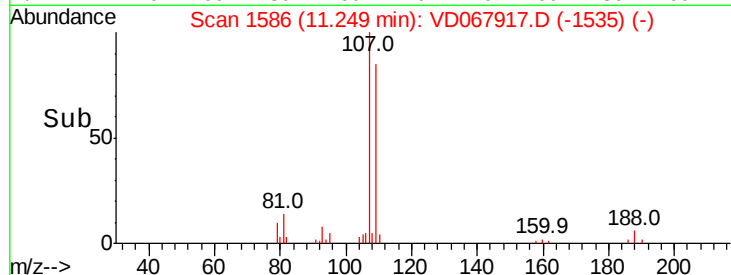
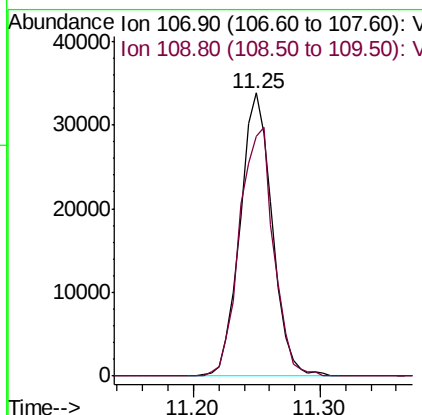
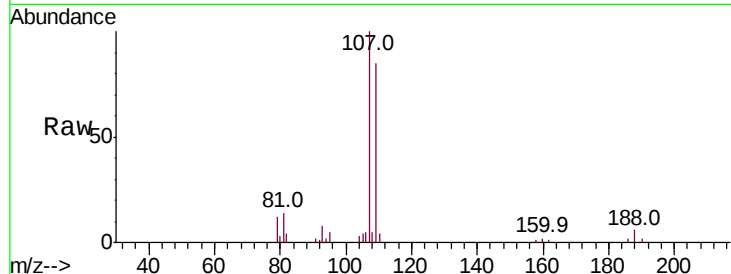




#61
 1,2-Dibromoethane
 Concen: 46.086 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

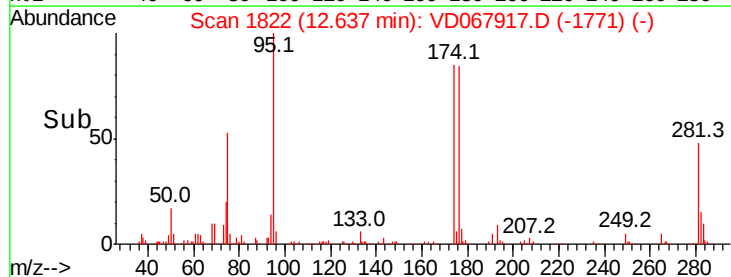
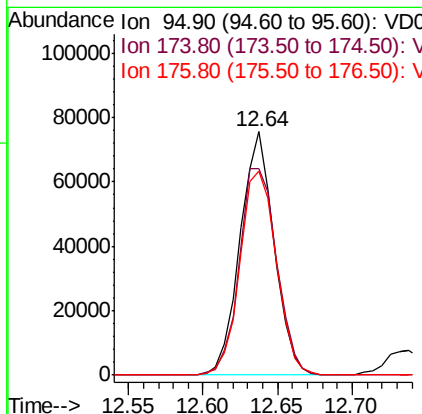
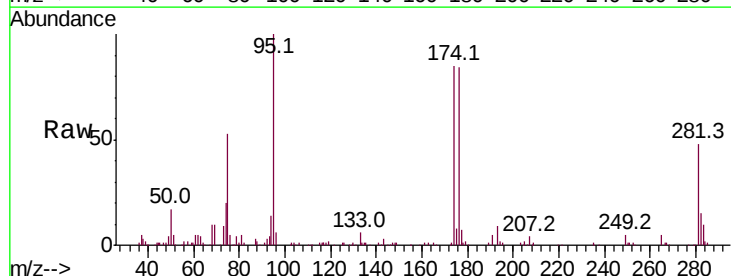
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

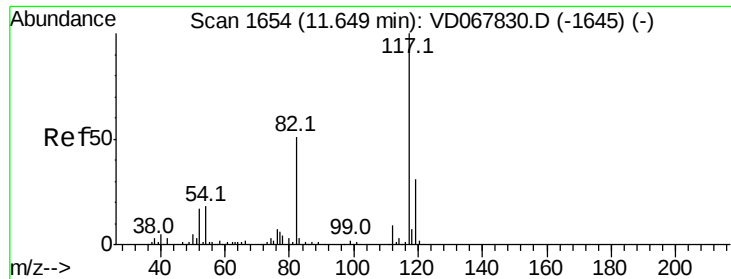
Tot Ion:107 Resp: 59268
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.683 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

Tgt Ion: 95 Resp: 119322
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 186.0
 176 89.5 0.0 184.2

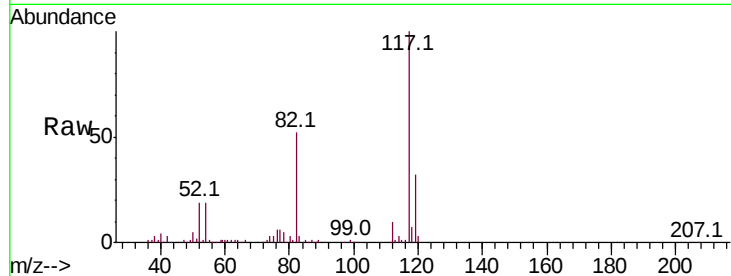




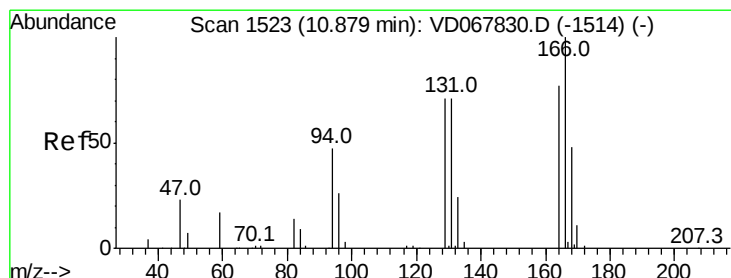
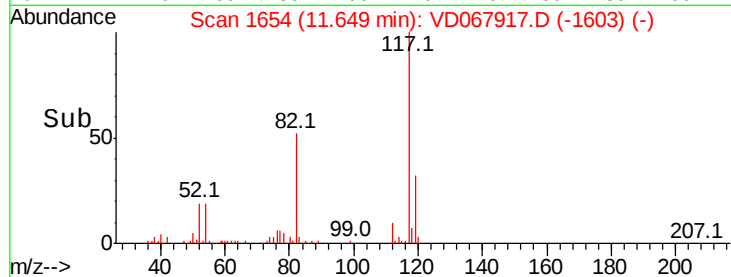
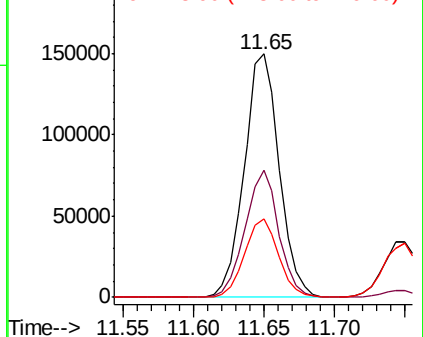
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 259768
Ion Ratio Lower Upper
117 100
82 52.1 40.6 60.8
119 32.2 25.1 37.7

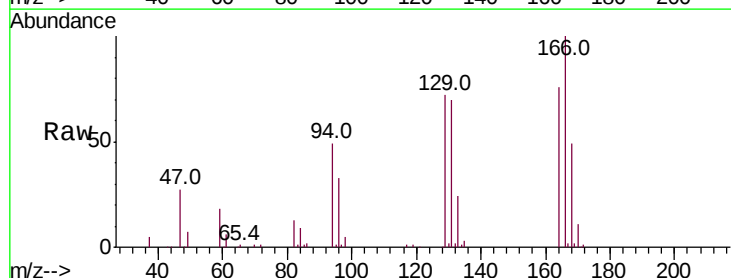


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

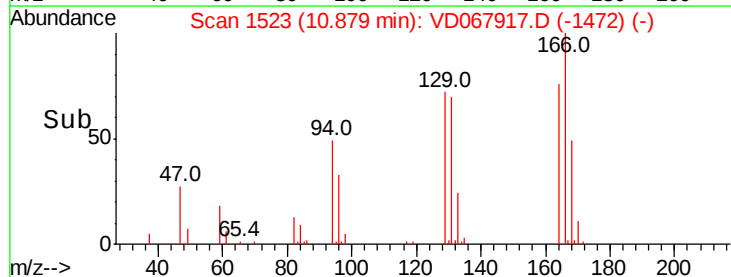
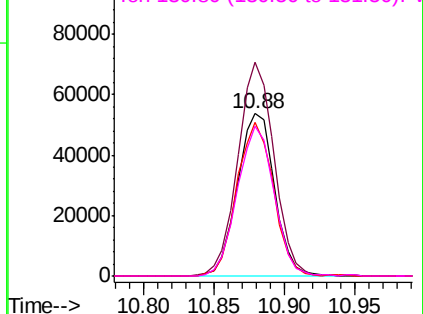


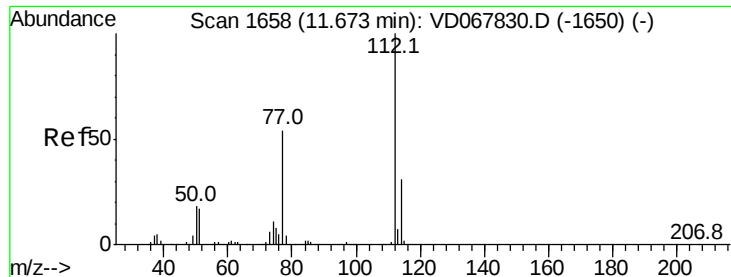
#64
Tetrachloroethene
Concen: 46.605 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion:164 Resp: 98751
Ion Ratio Lower Upper
164 100
166 131.7 103.8 155.6
129 95.0 73.3 109.9
131 92.2 74.1 111.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.095 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

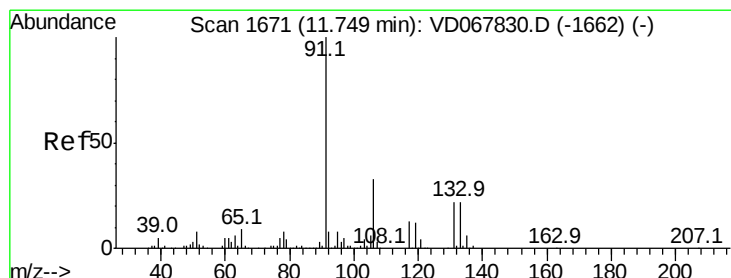
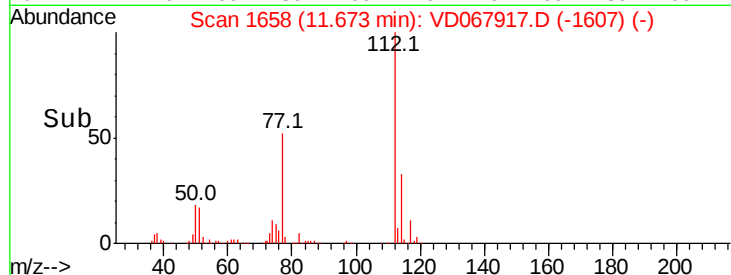
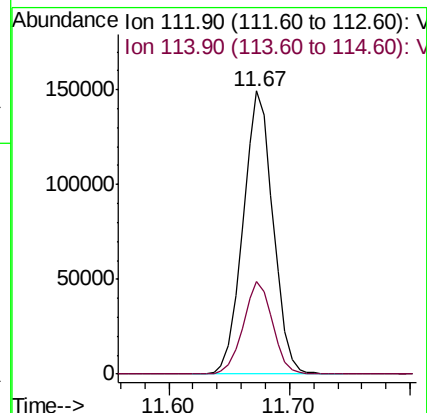
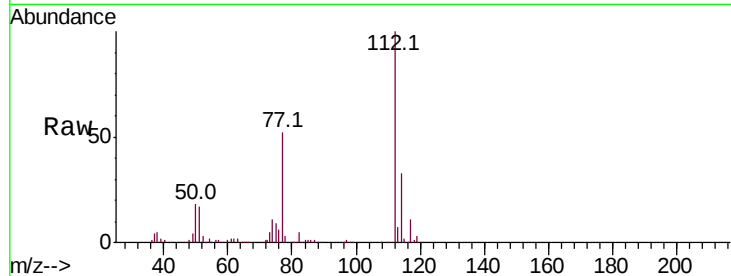
VSTDCCC050

Tot Ion:112 Resp: 257789

Ion Ratio Lower Upper

112 100

114 32.7 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 47.686 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

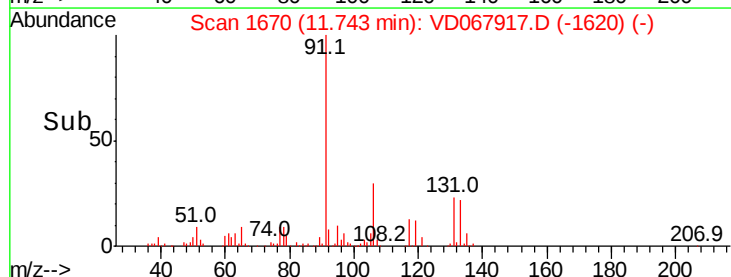
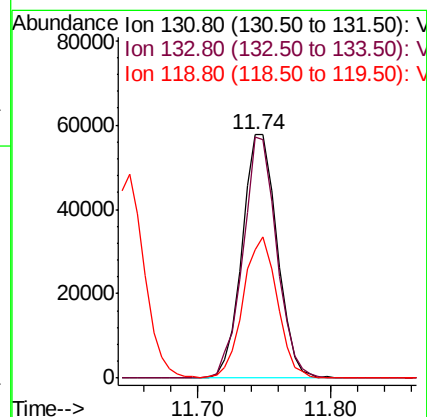
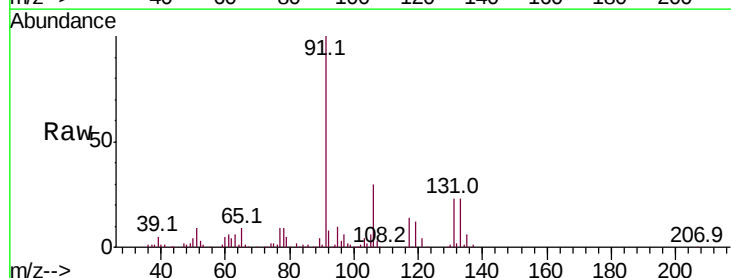
Tgt Ion:131 Resp: 104250

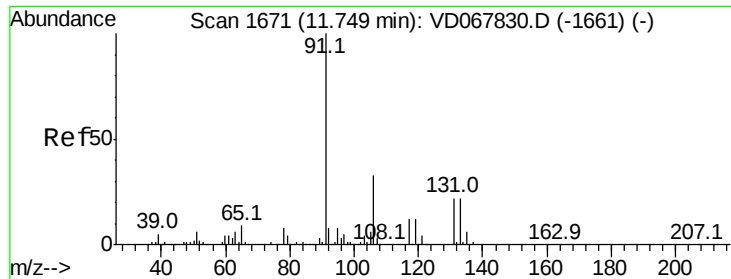
Ion Ratio Lower Upper

131 100

133 95.8 49.9 149.7

119 56.7 29.6 88.9

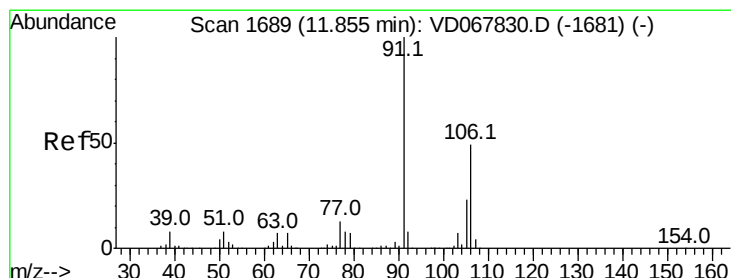
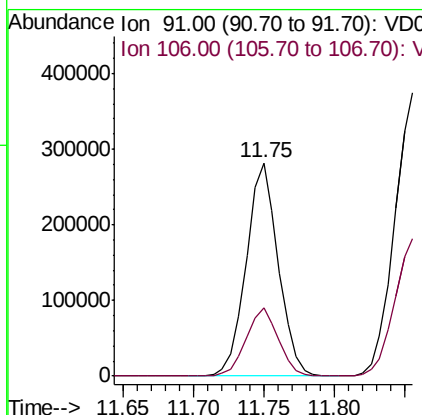
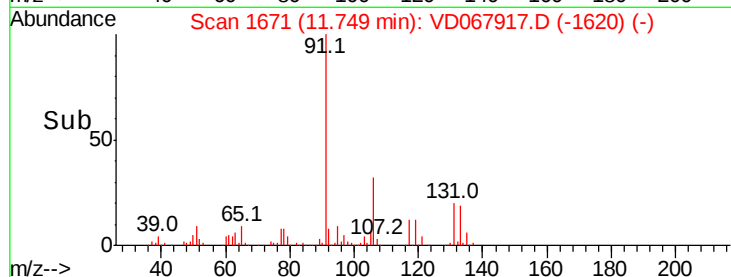
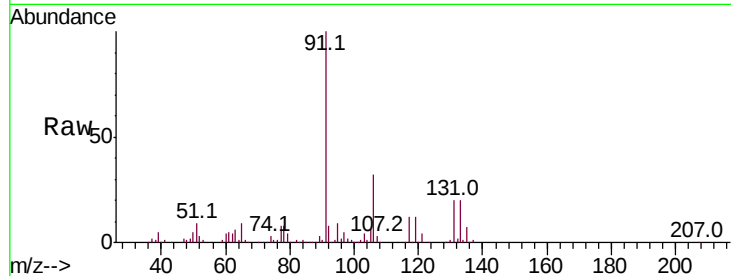




#67
Ethyl Benzene
Concen: 49.099 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

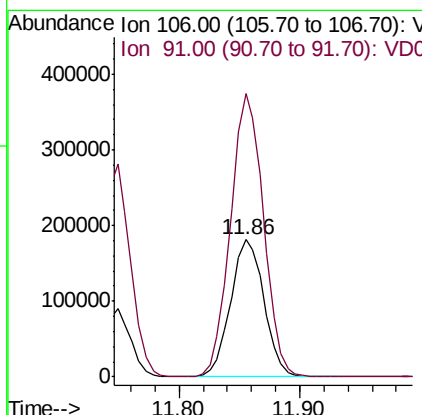
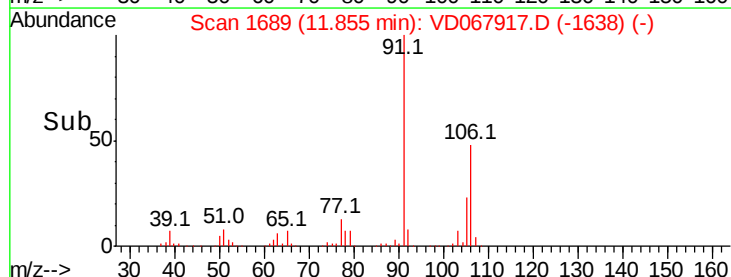
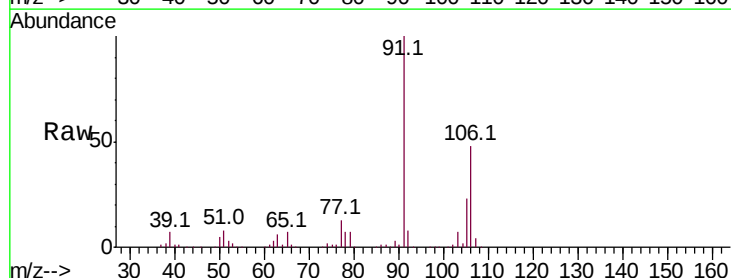
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

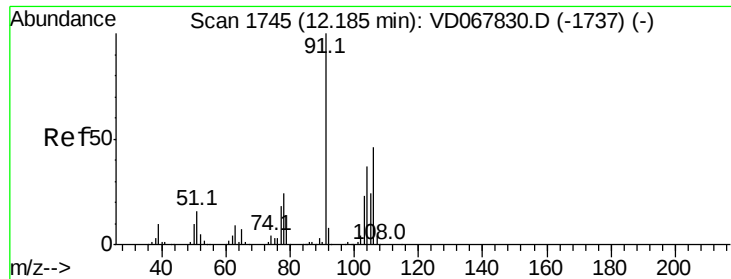
Tot Ion: 91 Resp: 448313
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.2



#68
m/p-Xylenes
Concen: 96.793 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 106 Resp: 348490
Ion Ratio Lower Upper
106 100
91 204.3 162.8 244.2

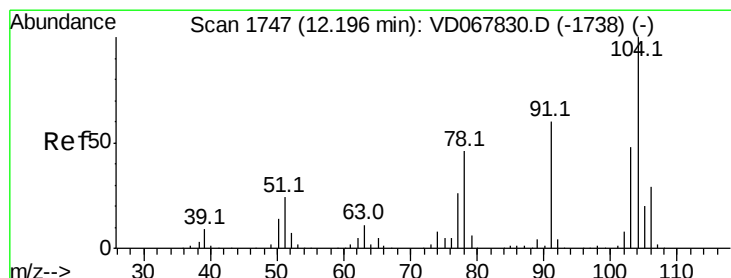
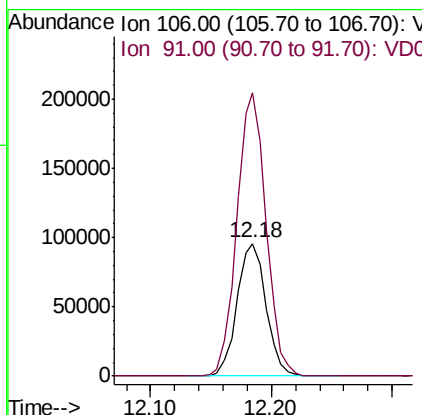
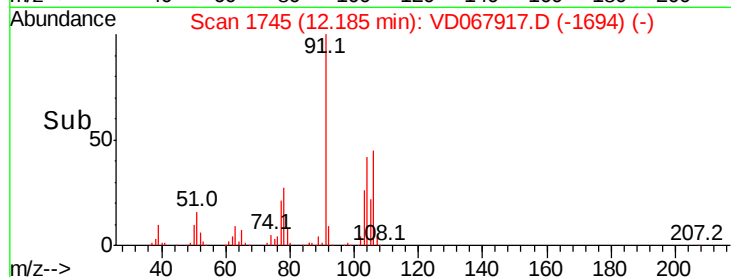
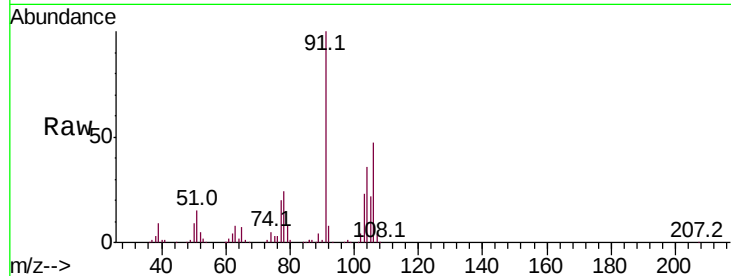




#69
o-Xylene
Concen: 50.153 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

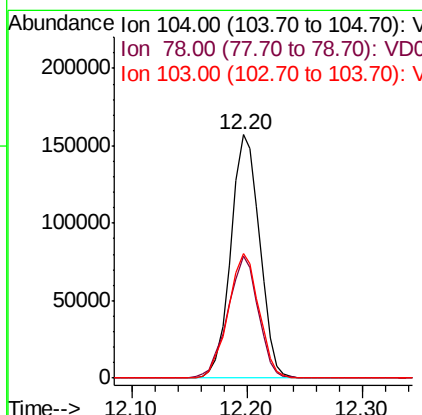
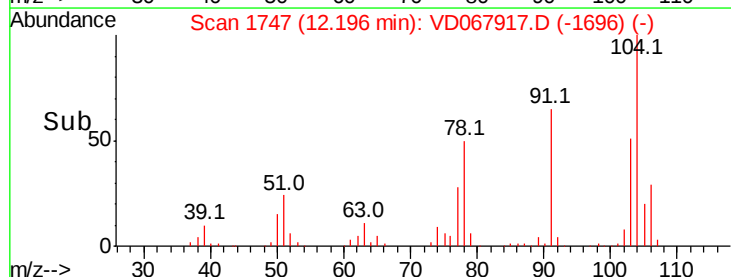
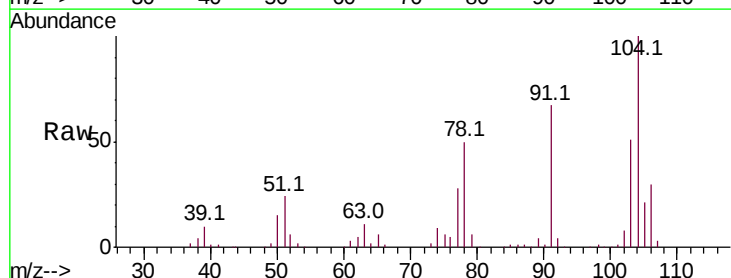
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

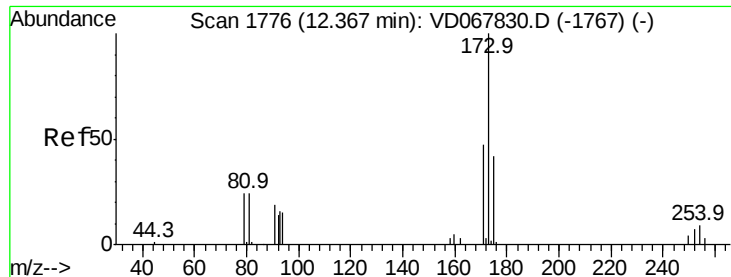
Tot Ion:106 Resp: 160304
Ion Ratio Lower Upper
106 100
91 214.6 107.5 322.5



#70
Styrene
Concen: 48.853 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion:104 Resp: 271518
Ion Ratio Lower Upper
104 100
78 53.1 41.6 62.4
103 54.4 43.2 64.8





#71

Bromoform

Concen: 47.260 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

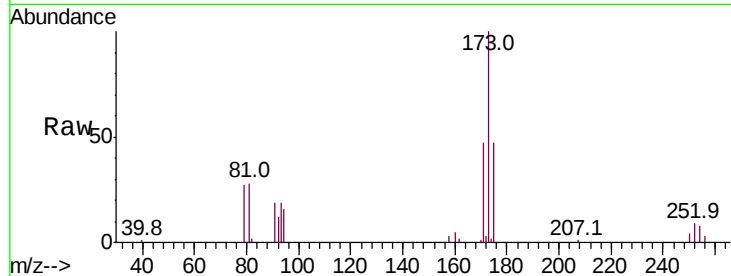
Tot Ion:173 Resp: 54690

Ion Ratio Lower Upper

173 100

175 48.7 23.4 70.3

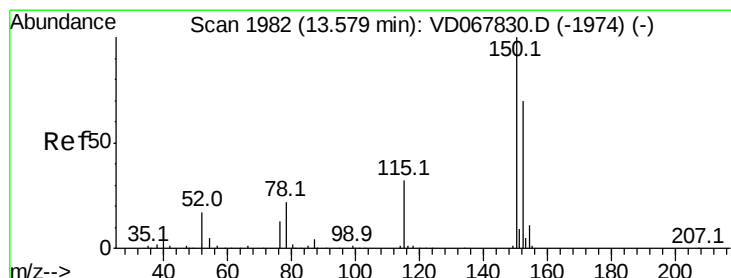
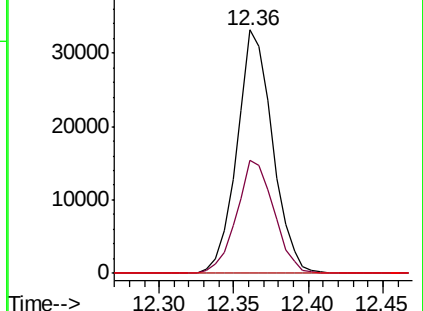
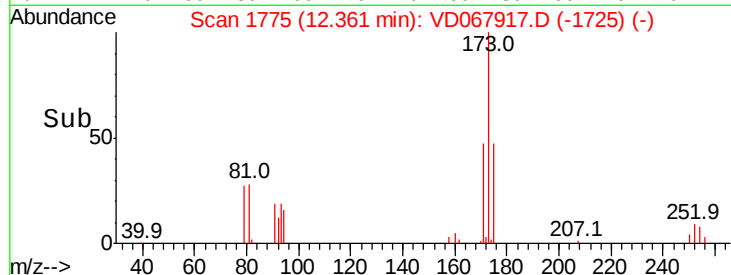
254 0.0 0.1 0.1#



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: VD067917.D

Acq: 09 Dec 2020 09:54

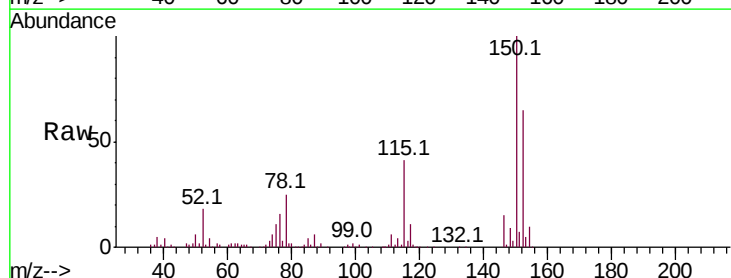
Tgt Ion:152 Resp: 134316

Ion Ratio Lower Upper

152 100

115 59.6 29.1 87.4

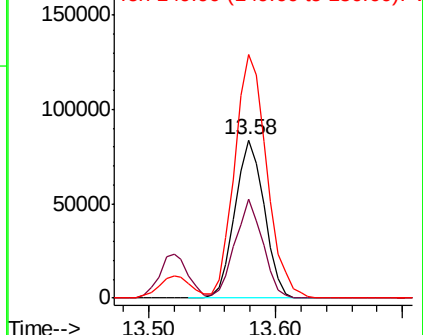
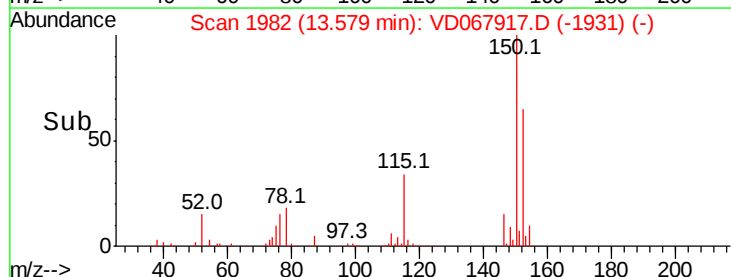
150 168.2 0.0 339.0

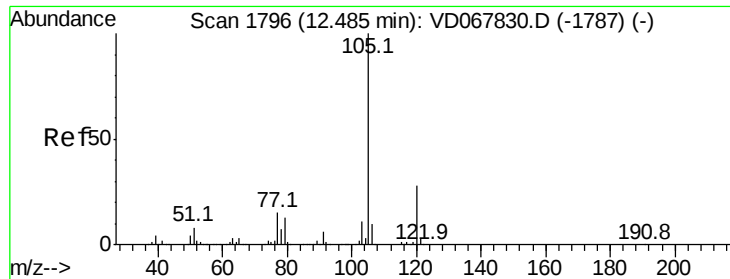


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

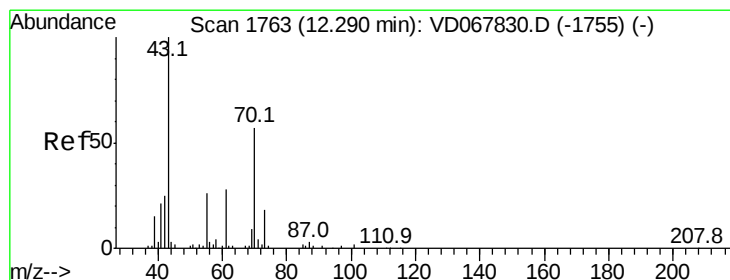
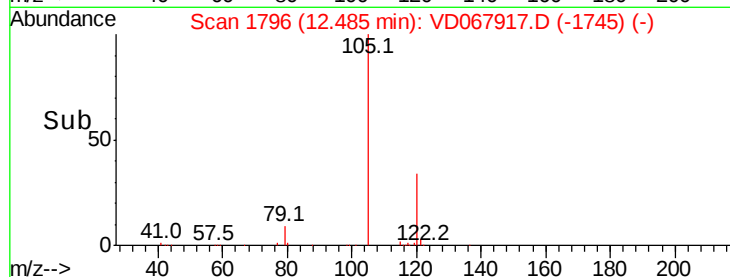
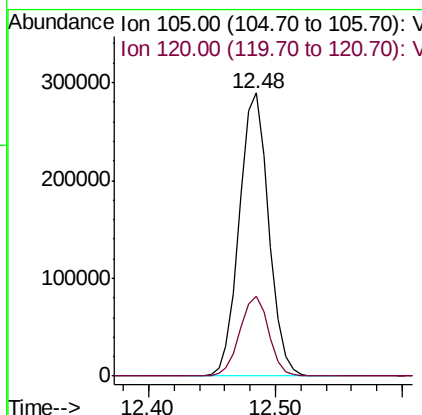
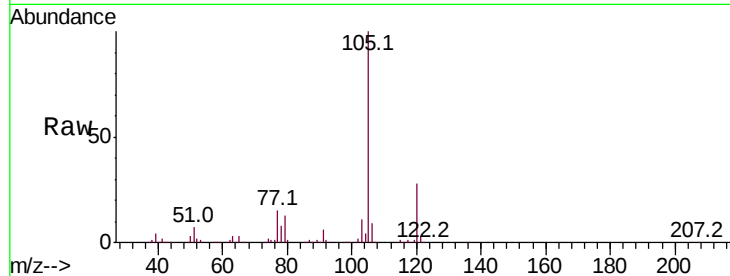




#73
Isopropylbenzene
Concen: 50.277 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

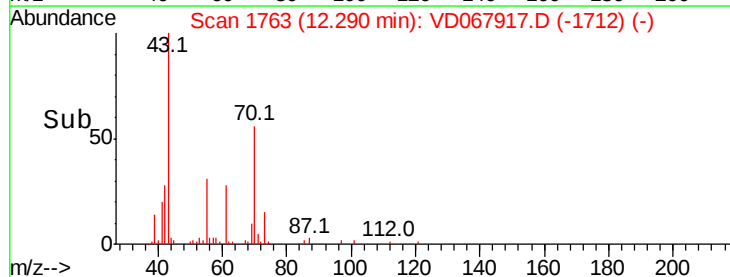
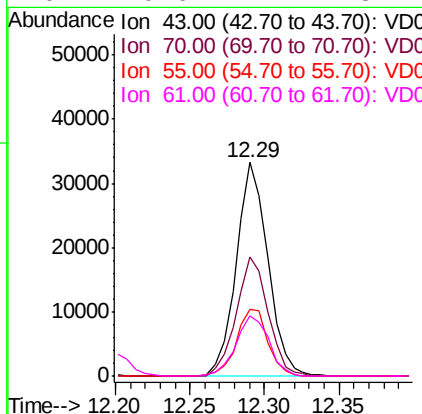
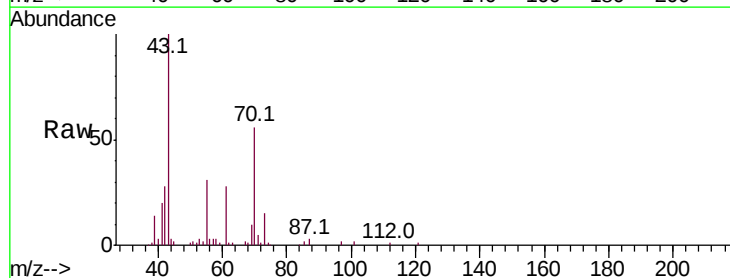
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

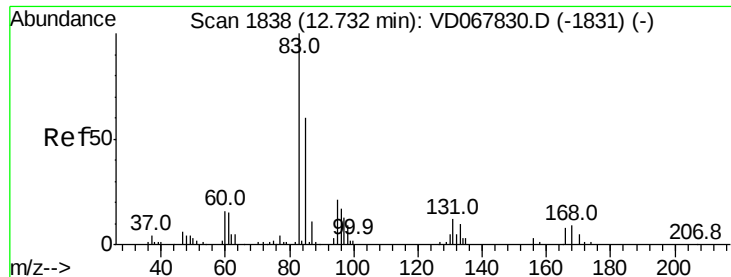
Tot Ion:105 Resp: 464400
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.6



#74
N-ethyl acetate
Concen: 42.761 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 43 Resp: 48857
Ion Ratio Lower Upper
43 100
70 56.1 44.6 66.8
55 31.0 22.2 33.2
61 29.6 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 41.293 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

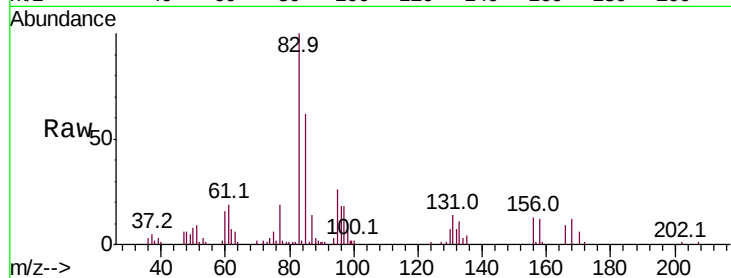
Tot Ion: 83 Resp: 50357

Ion Ratio Lower Upper

83 100

131 15.0 8.0 24.0

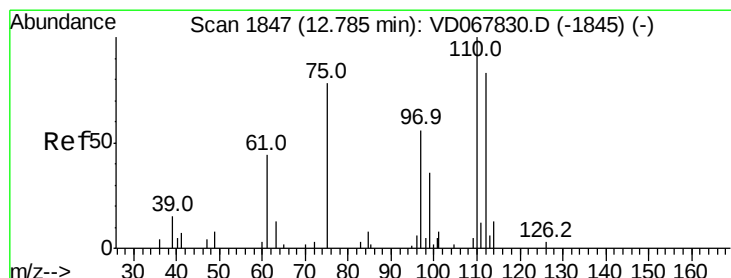
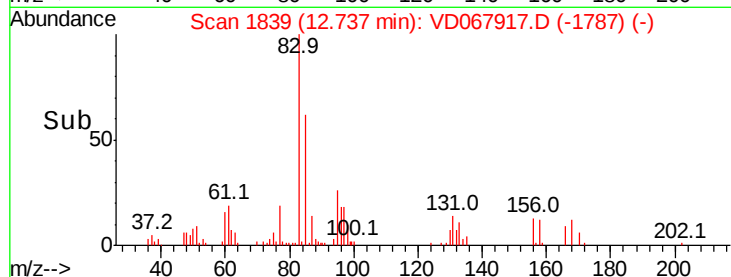
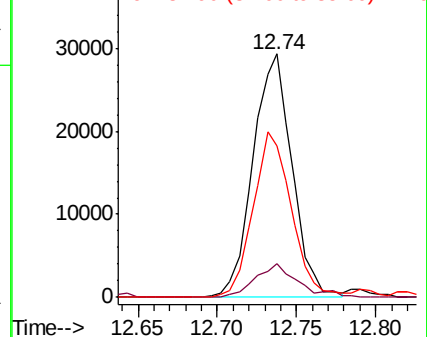
85 66.3 31.7 95.1



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: 83.320 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067917.D

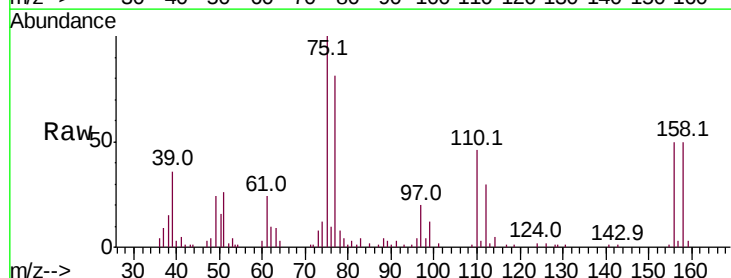
Acq: 09 Dec 2020 09:54

Tgt Ion: 75 Resp: 81498

Ion Ratio Lower Upper

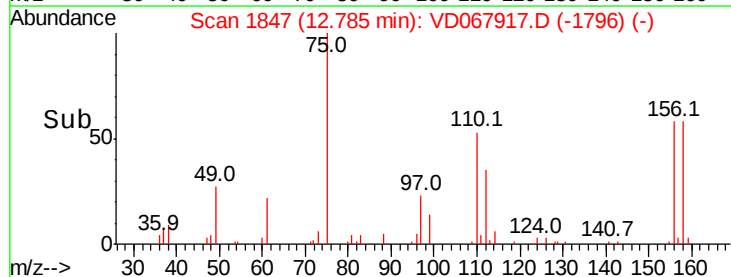
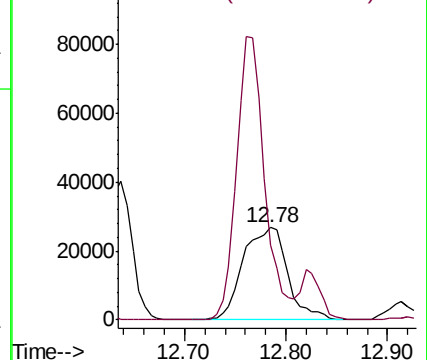
75 100

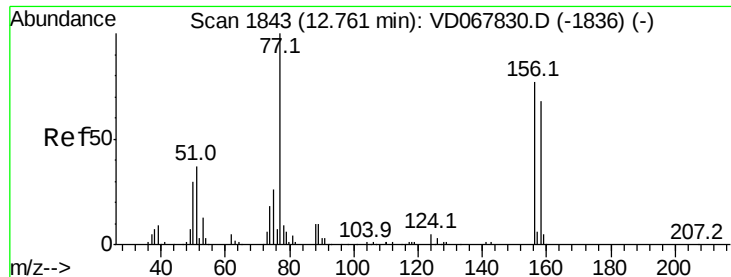
77 0.0 175.9 527.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.020 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

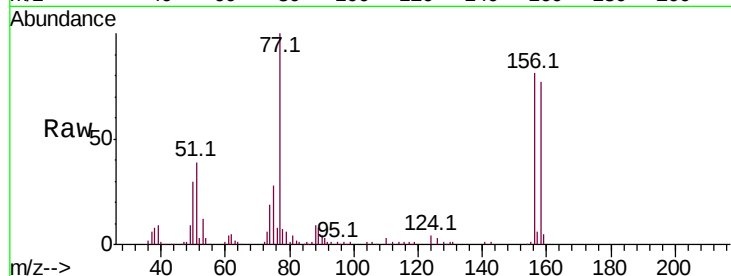
Tot Ion:156 Resp: 112568

Ion Ratio Lower Upper

156 100

77 141.2 71.5 214.5

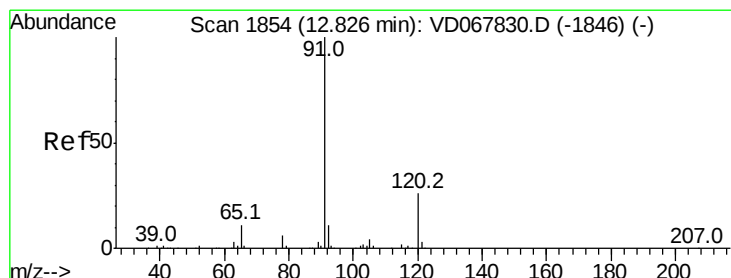
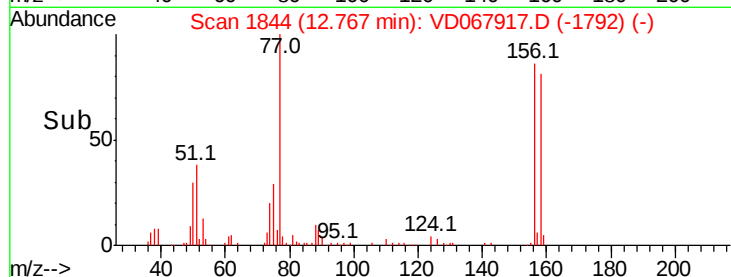
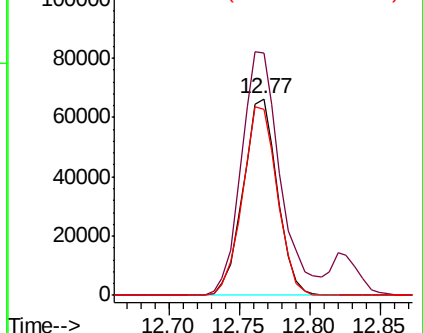
158 97.0 47.1 141.4



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: 49.269 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067917.D

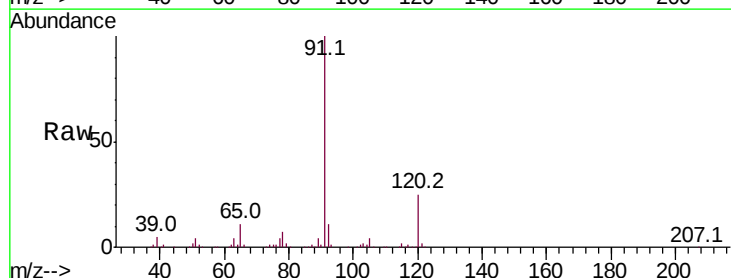
Acq: 09 Dec 2020 09:54

Tgt Ion: 91 Resp: 504396

Ion Ratio Lower Upper

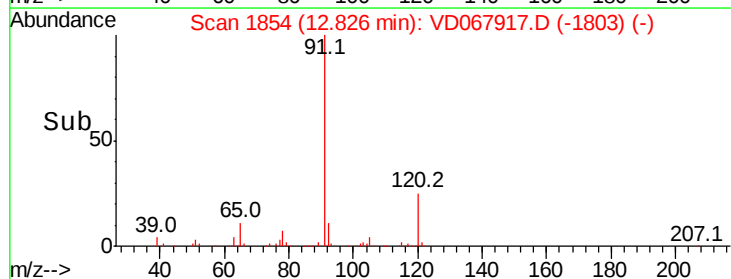
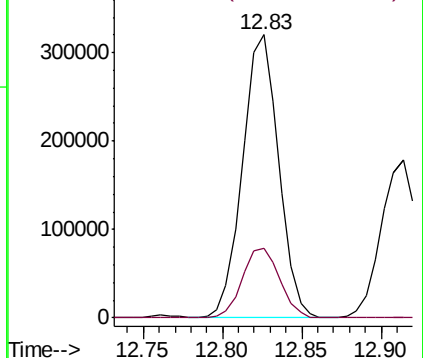
91 100

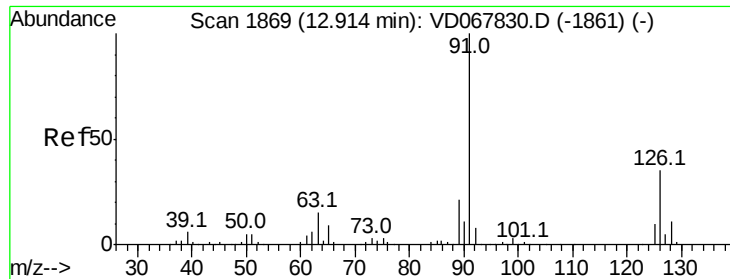
120 25.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

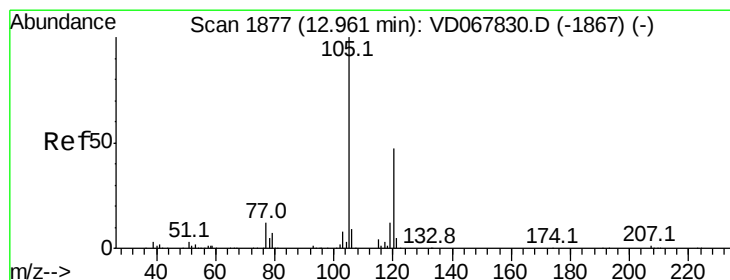
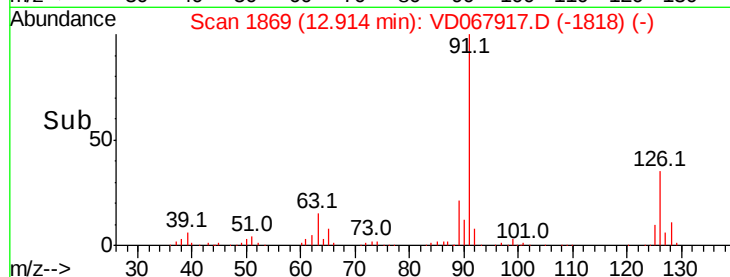
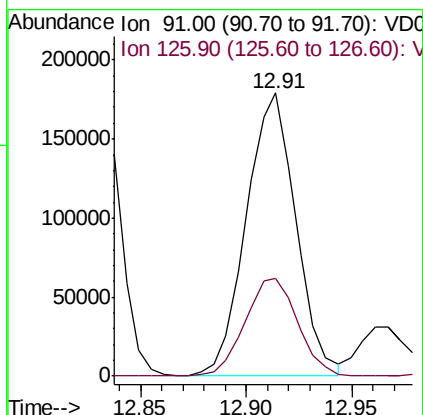
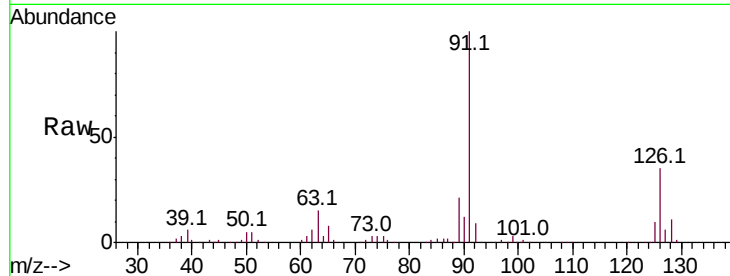




#79
2-Chlorotoluene
Concen: 48.283 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

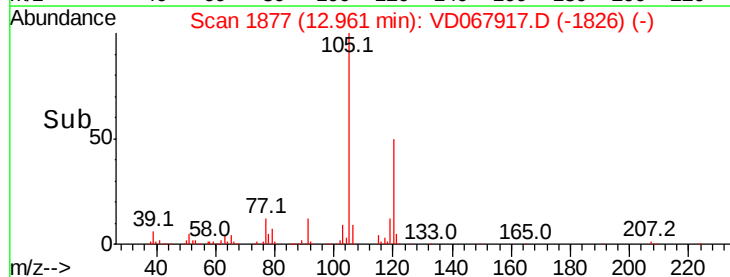
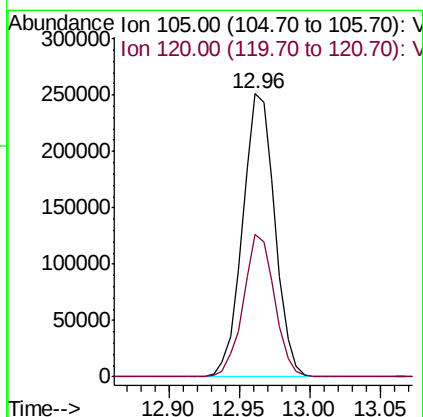
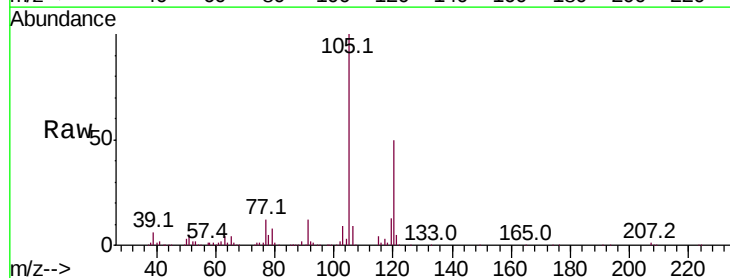
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

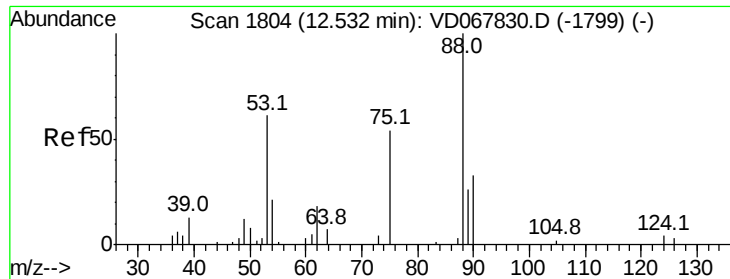
Tot Ion: 91 Resp: 290799
Ion Ratio Lower Upper
91 100
126 36.7 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 50.193 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion:105 Resp: 401411
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.9

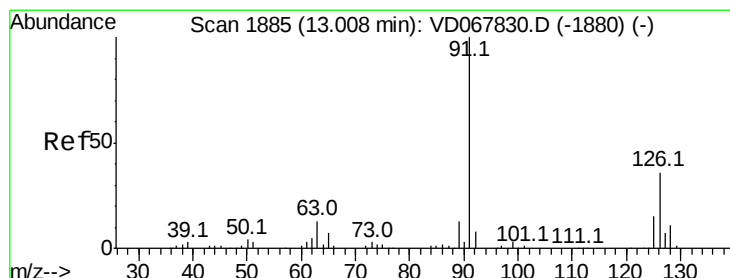
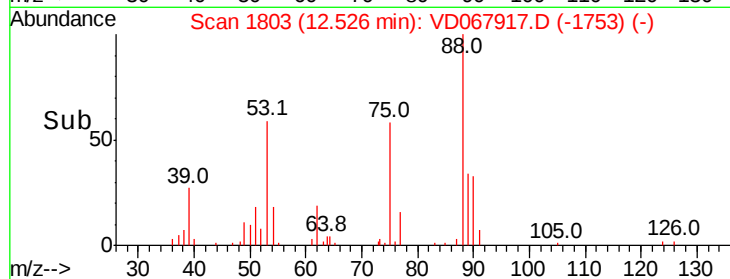
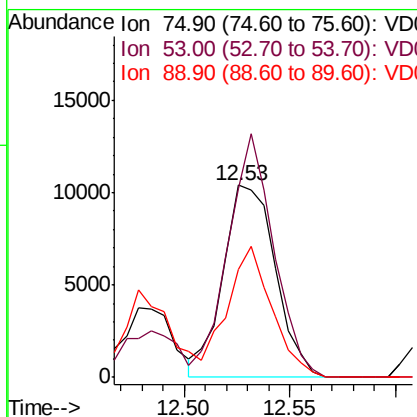
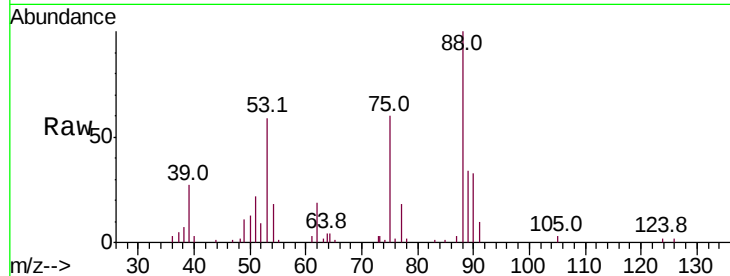




#81
trans-1,4-Dichloro-2-butene
Concen: 43.766 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

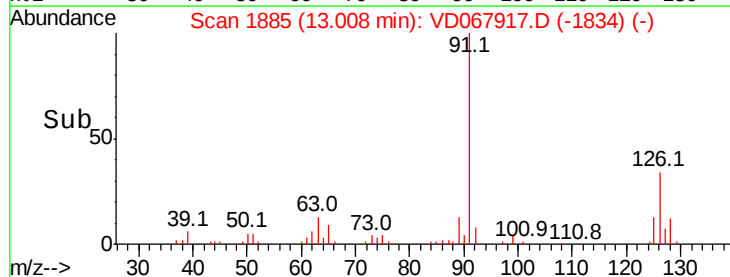
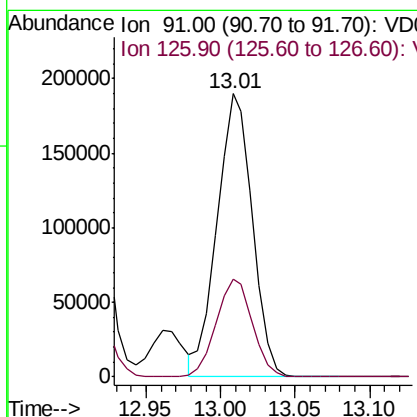
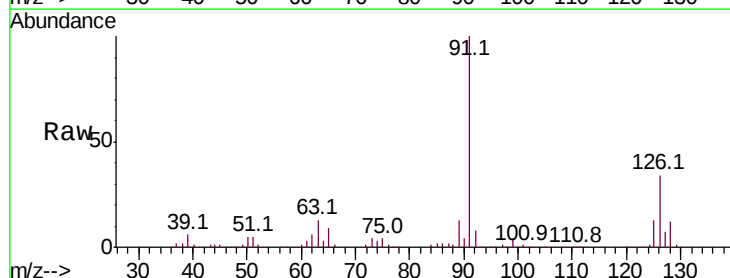
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

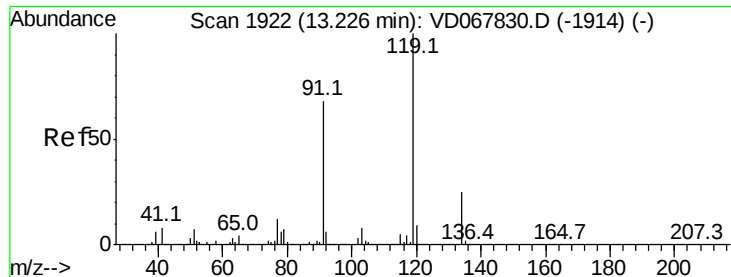
Tot Ion: 75 Resp: 17896
Ion Ratio Lower Upper
75 100
53 110.5 84.6 127.0
89 58.1 41.0 61.6



#82
4-Chlorotoluene
Concen: 48.709 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 91 Resp: 312937
Ion Ratio Lower Upper
91 100
126 35.4 18.1 54.4





#83

tert-Butylbenzene

Concen: 51.879 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

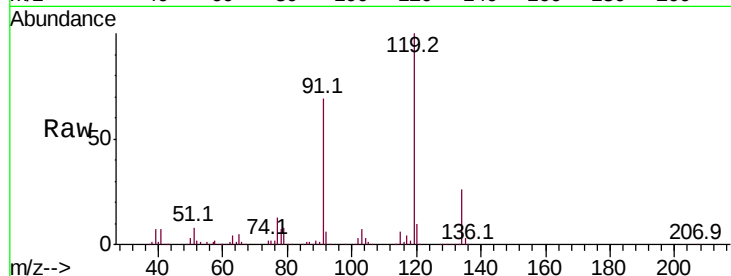
Tot Ion:119 Resp: 353057

Ion Ratio Lower Upper

119 100

91 65.4 33.1 99.3

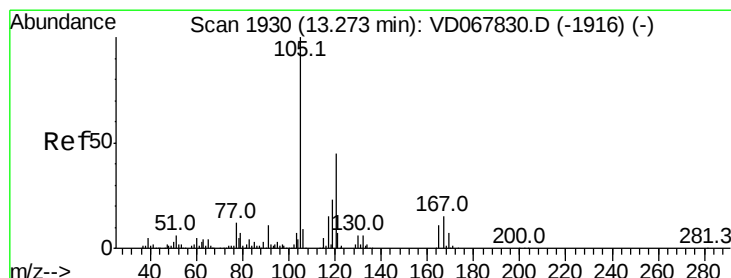
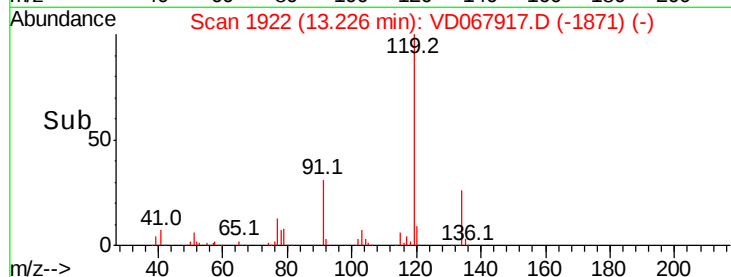
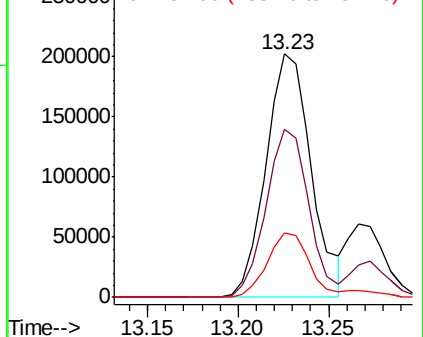
134 26.8 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.227 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD067917.D

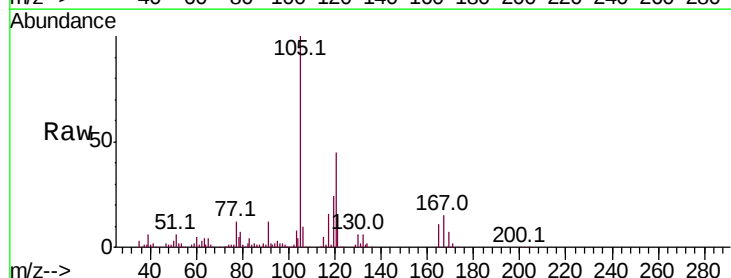
Acq: 09 Dec 2020 09:54

Tgt Ion:105 Resp: 399431

Ion Ratio Lower Upper

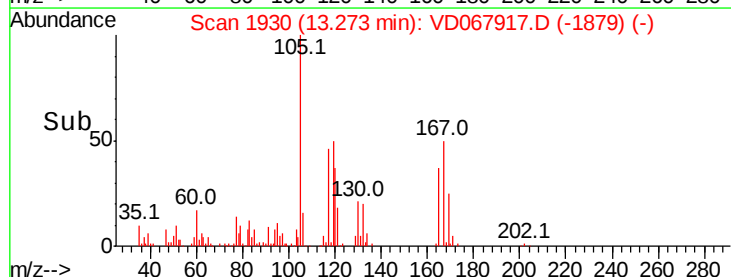
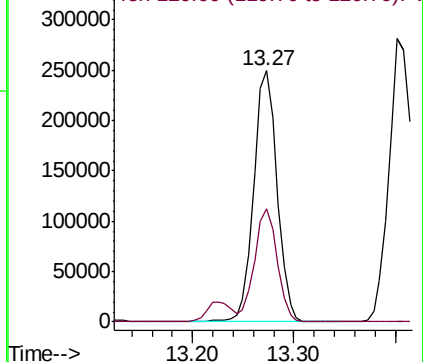
105 100

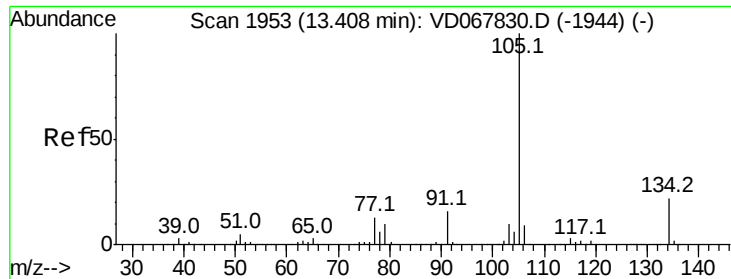
120 44.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.966 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

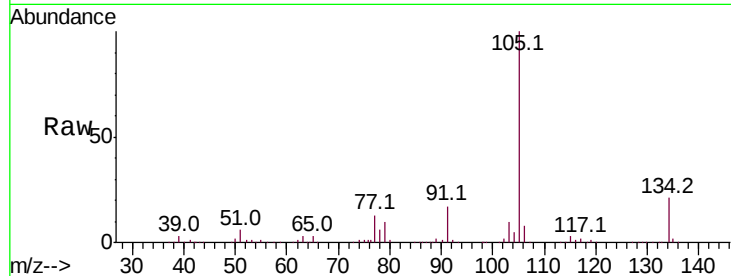
VSTDCCC050

Tot Ion:105 Resp: 444763

Ion Ratio Lower Upper

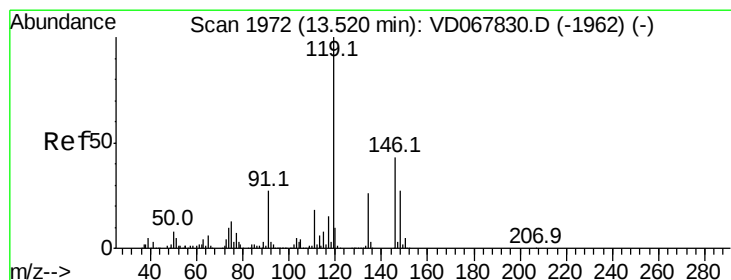
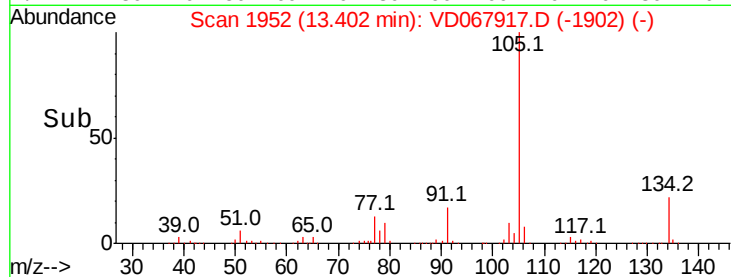
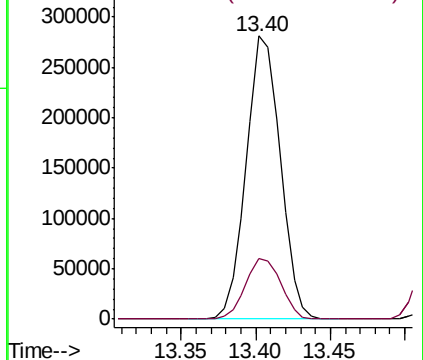
105 100

134 22.3 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.633 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

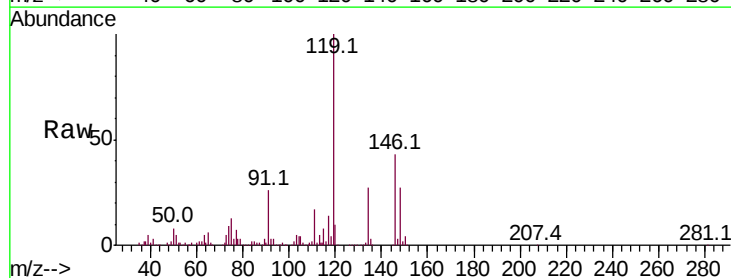
Tgt Ion:119 Resp: 441841

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

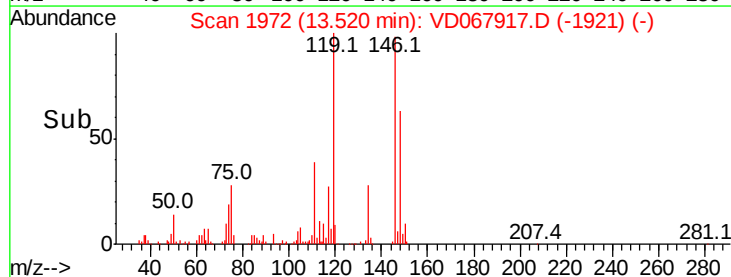
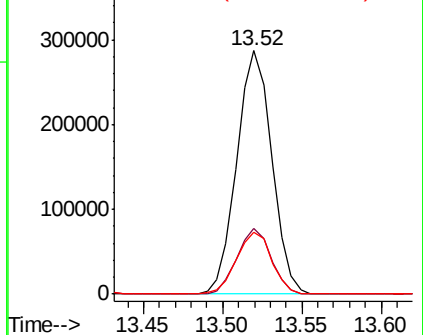
91 25.5 12.8 38.3

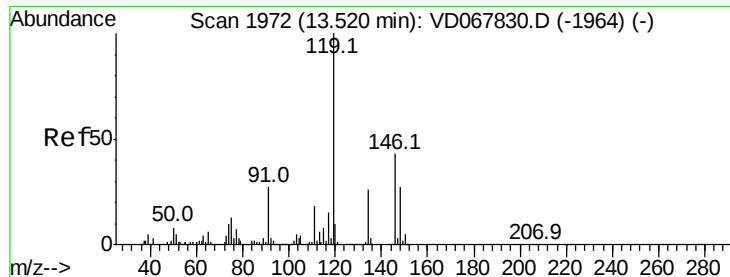


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

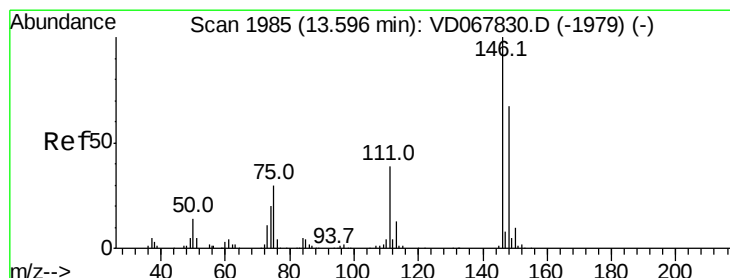
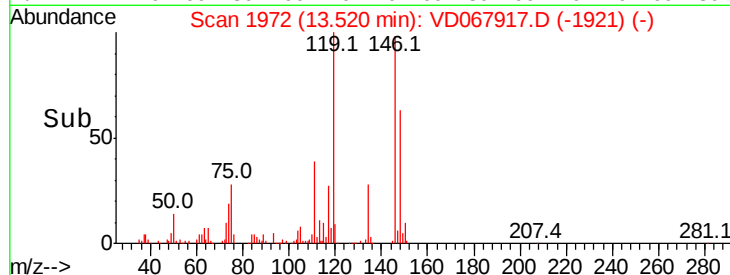
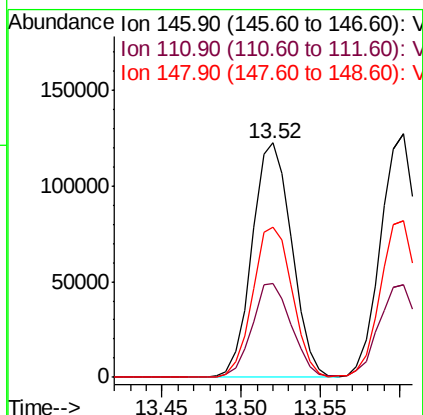
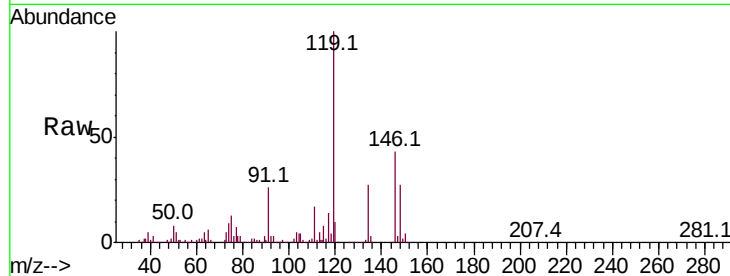




#87
 1,3-Dichlorobenzene
 Concen: 48.096 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

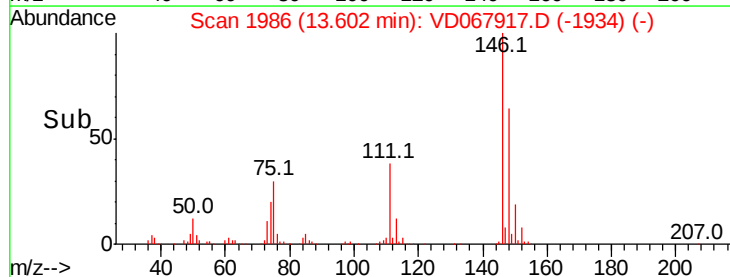
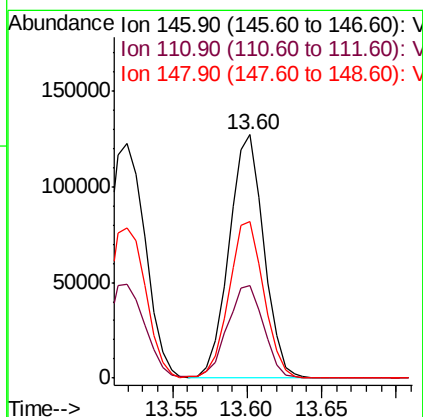
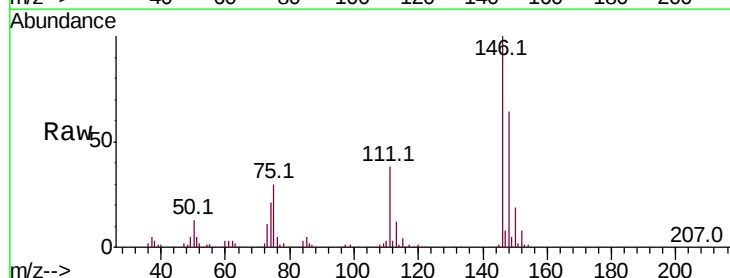
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

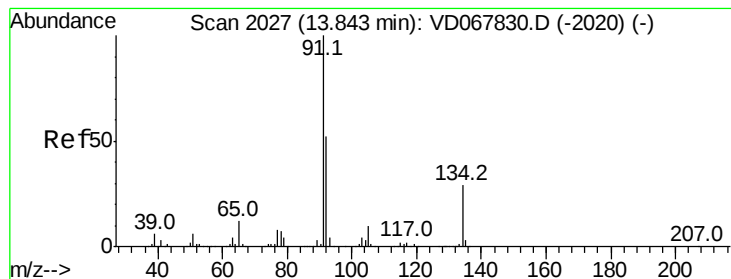
Tot Ion:146 Resp: 213051
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.8 62.2
 148 63.9 32.9 98.6



#88
 1,4-Dichlorobenzene
 Concen: 46.608 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

Tgt Ion:146 Resp: 206549
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.6
 148 65.1 32.4 97.2

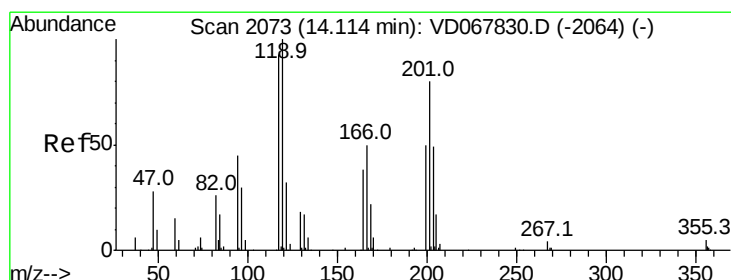
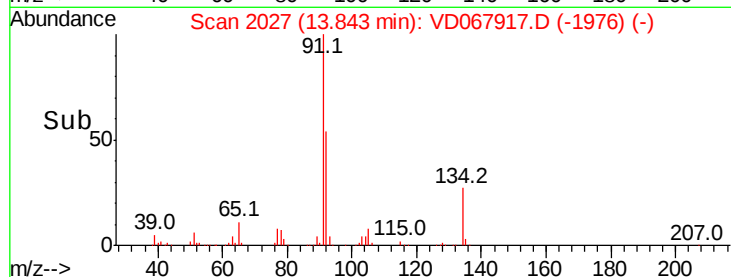
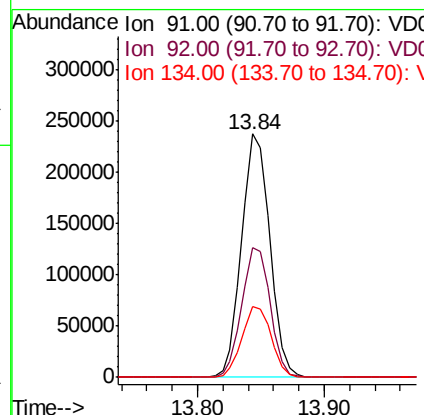
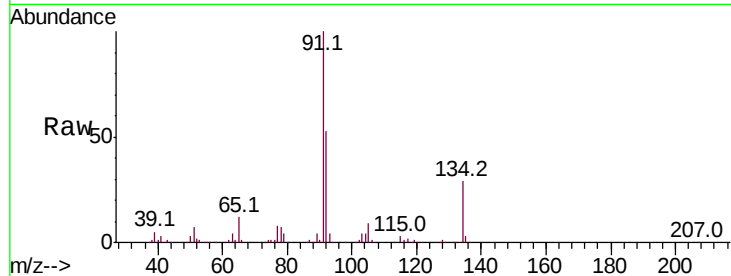




#89
n-Butylbenzene
Concen: 49.574 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

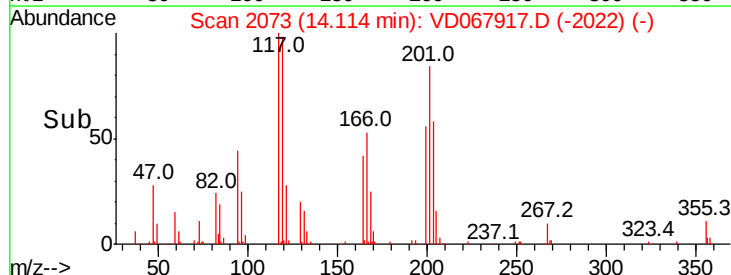
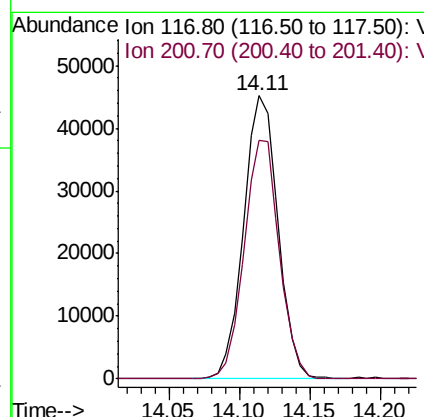
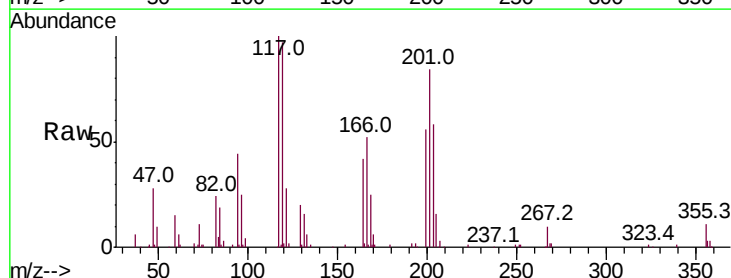
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

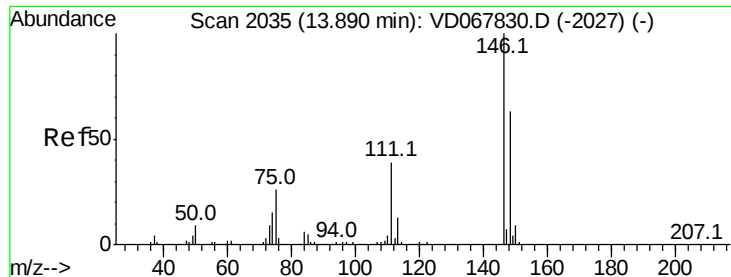
Tot Ion: 91 Resp: 366637
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.8
134 30.0 14.8 44.3



#90
Hexachloroethane
Concen: 46.900 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion: 117 Resp: 77081
Ion Ratio Lower Upper
117 100
201 85.9 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 46.572 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

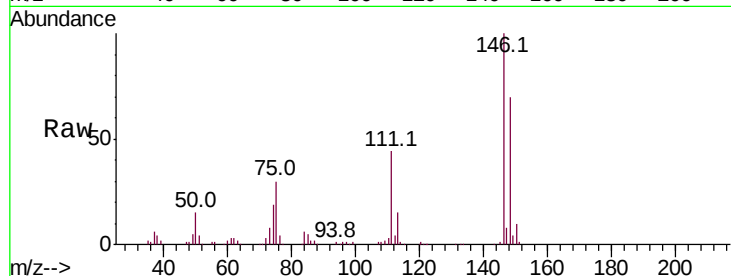
Tot Ion:146 Resp: 178923

Ion Ratio Lower Upper

146 100

111 42.0 20.4 61.2

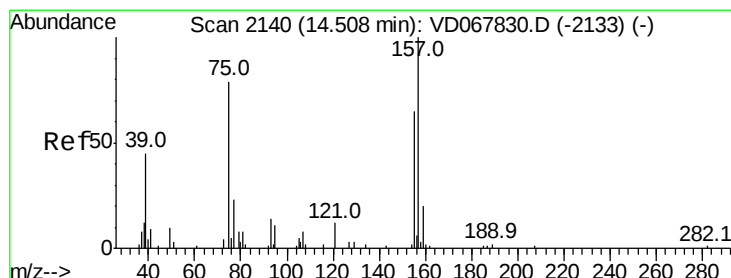
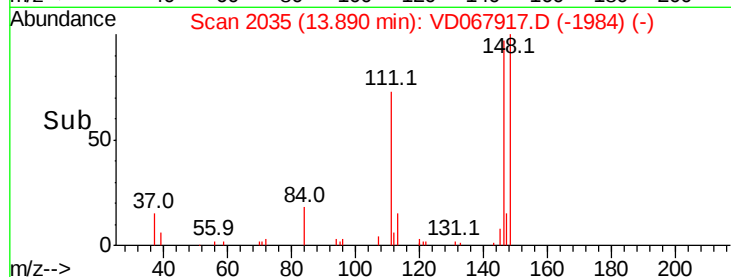
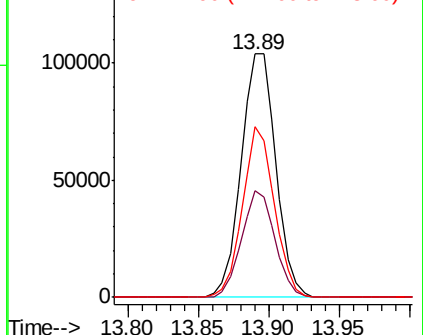
148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.301 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD067917.D

Acq: 09 Dec 2020 09:54

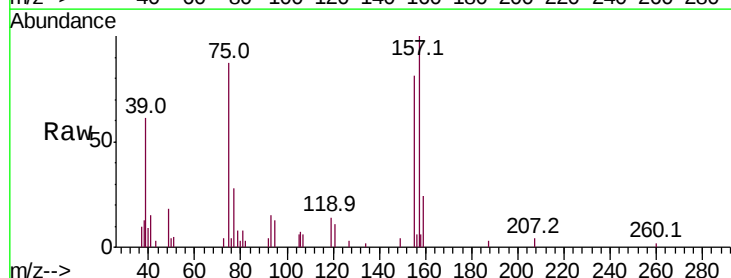
Tgt Ion: 75 Resp: 10766

Ion Ratio Lower Upper

75 100

155 97.3 44.1 132.4

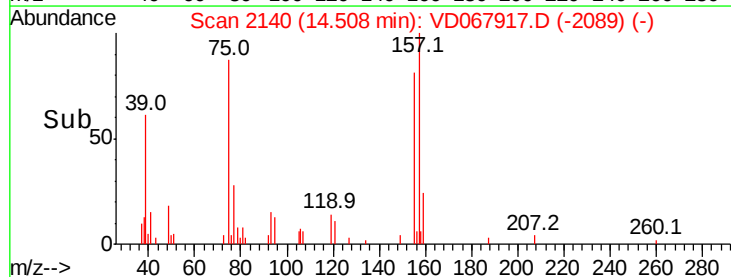
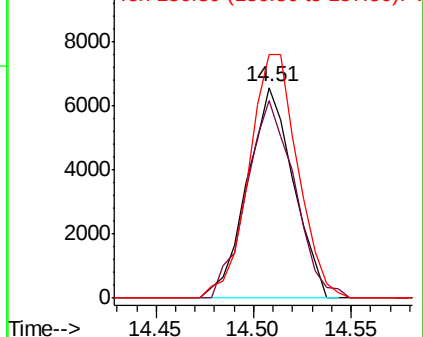
157 121.9 62.4 187.2

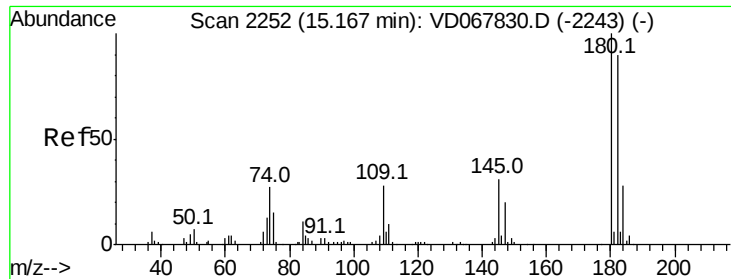


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

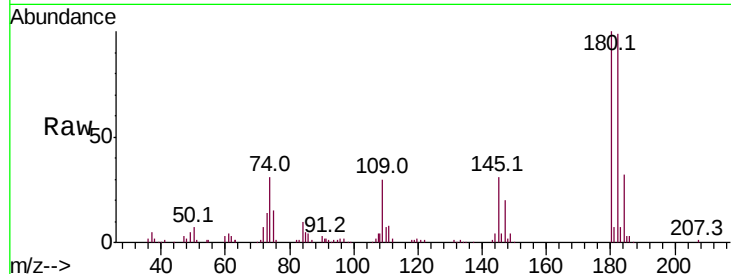




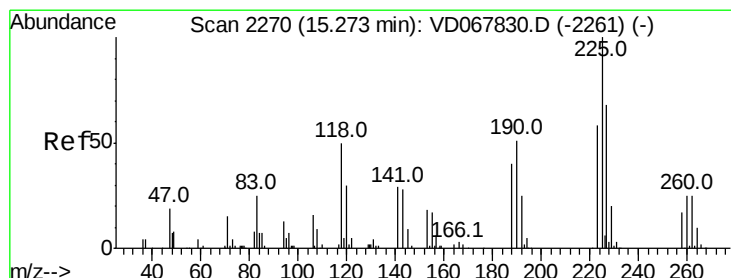
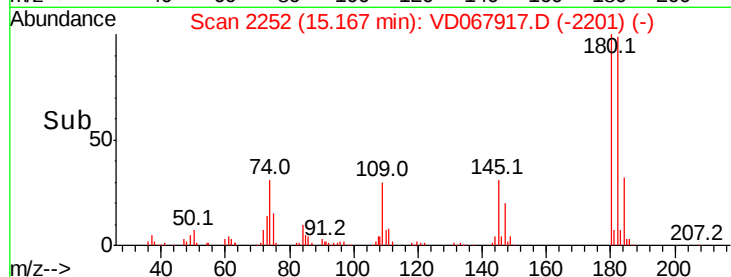
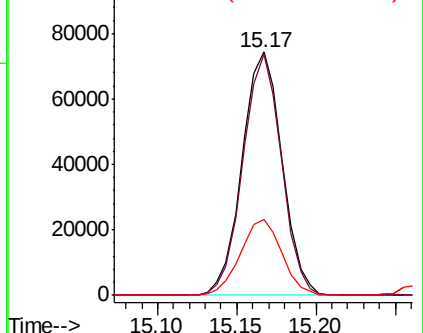
#93
 1,2,4-Trichlorobenzene
 Concen: 48.505 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	32.1	16.4	49.4

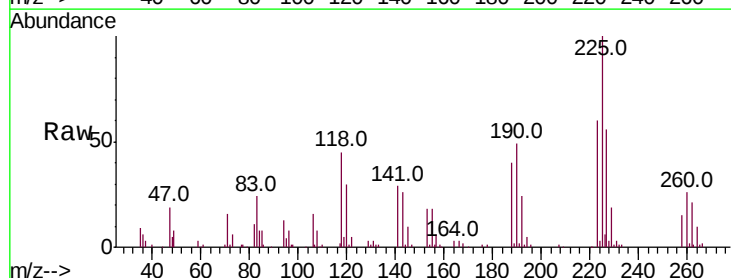


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

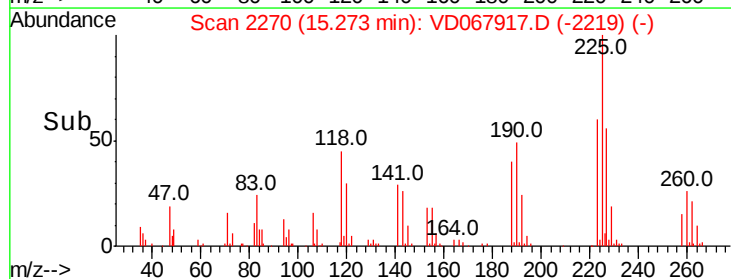
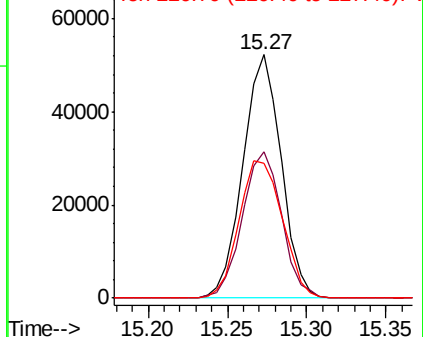


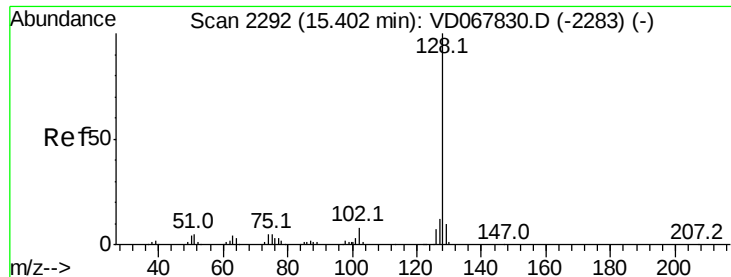
#94
 Hexachlorobutadiene
 Concen: 50.068 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067917.D
 Acq: 09 Dec 2020 09:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.1	93.3
227	64.2	33.1	99.3



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

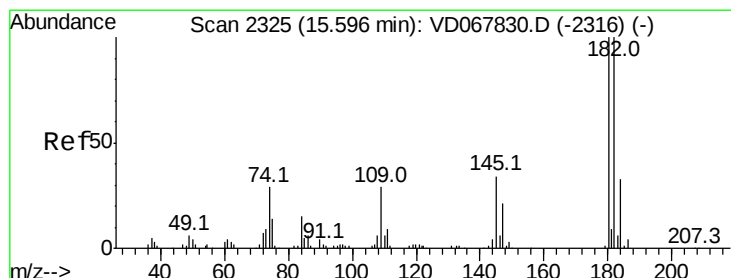
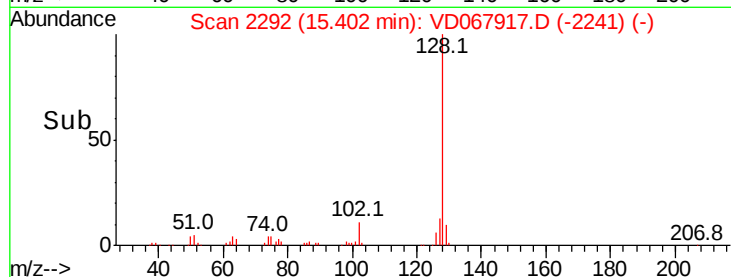
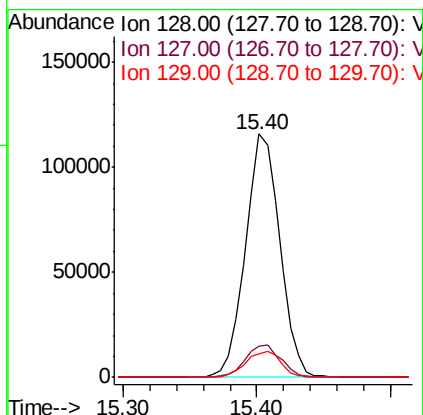
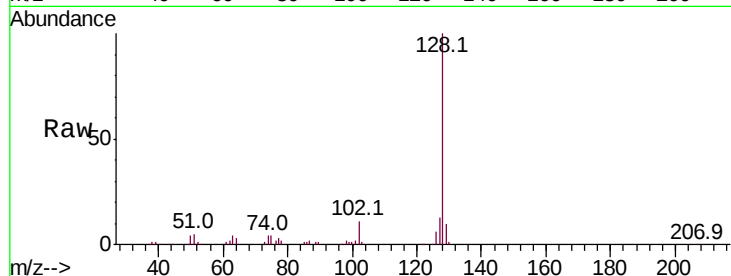




#95
Naphthalene
Concen: 47.024 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 205634
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.0 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 47.222 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VD067917.D
Acq: 09 Dec 2020 09:54

Tgt Ion:180 Resp: 109592
Ion Ratio Lower Upper
180 100
182 97.8 47.3 142.0
145 33.8 16.8 50.4

