

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066780.D
 Acq On : 21 Sep 2020 13:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 22 00:53:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	450789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	707471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	647783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	223161	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	7.91	113	227513	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.34	98	809703	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.63	95	281481	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	174094	52.374	ug/l	99
3) Chloromethane	2.21	50	200619	40.897	ug/l	100
4) Vinyl Chloride	2.35	62	216390	42.148	ug/l	94
5) Bromomethane	2.77	94	145030	39.822	ug/l	98
6) Chloroethane	2.93	64	134218	41.965	ug/l	90
7) Trichlorofluoromethane	3.27	101	440226	49.644	ug/l	98
8) Diethyl Ether	3.71	74	114122	51.394	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	255630	52.455	ug/l	97
10) Methyl Iodide	4.30	142	280426	60.648	ug/l	99
11) Tert butyl alcohol	5.23	59	73529	229.959	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	231803	51.390	ug/l	93
13) Acrolein	3.93	56	87270	257.271	ug/l	95
14) Allyl chloride	4.72	41	363395	50.166	ug/l	96
15) Acrylonitrile	5.42	53	257225	264.435	ug/l	98
16) Acetone	4.16	43	267232	272.844	ug/l	90
17) Carbon Disulfide	4.41	76	723159	51.021	ug/l	98
18) Methyl Acetate	4.71	43	116293	56.066	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	550916	54.834	ug/l	99
20) Methylene Chloride	4.96	84	282991	54.398	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	275578	52.439	ug/l	96
22) Diisopropyl ether	6.36	45	749678	50.933	ug/l	98
23) Vinyl Acetate	6.30	43	2060186	251.628	ug/l	96
24) 1,1-Dichloroethane	6.26	63	464798	49.763	ug/l	97
25) 2-Butanone	7.21	43	316691	248.315	ug/l	97
26) 2,2-Dichloropropane	7.21	77	439483	50.883	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	298840	51.980	ug/l	98
28) Bromochloromethane	7.54	49	150267	43.072	ug/l	91
29) Tetrahydrofuran	7.56	42	206518	264.662	ug/l	94
30) Chloroform	7.71	83	505351	50.837	ug/l	97
31) Cyclohexane	7.98	56	422877	49.775	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	475627	52.287	ug/l	98
36) 1,1-Dichloropropene	8.11	75	390631	53.704	ug/l	98
37) Ethyl Acetate	7.29	43	149008	54.112	ug/l	97
38) Carbon Tetrachloride	8.09	117	420149	54.392	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	469644	56.448	ug/l	99
40) Benzene	8.35	78	1066266	54.184	ug/l	100
41) Methacrylonitrile	7.56	41	204875	140.534	ug/l #	17
42) 1,2-Dichloroethane	8.42	62	307334	50.411	ug/l	97
43) Isopropyl Acetate	8.45	43	280715	54.160	ug/l	99
44) Trichloroethene	9.11	130	300045	57.027	ug/l	97
45) 1,2-Dichloropropane	9.38	63	264090	54.285	ug/l	99
46) Dibromomethane	9.47	93	146457	54.786	ug/l	97
47) Bromodichloromethane	9.66	83	384359	52.764	ug/l	99
48) Methyl methacrylate	9.45	41	140345	53.234	ug/l	92
49) 1,4-Dioxane	9.46	88	35928	1254.640	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	738631	276.807	ug/l	98
52) Toluene	10.40	92	705981	56.002	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	348207	53.509	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	403851	52.250	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	196836	55.846	ug/l	95
56) Ethyl methacrylate	10.66	69	239258	59.818	ug/l	96
57) 1,3-Dichloropropane	10.94	76	330198	53.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	450567	256.489	ug/l	98
59) 2-Hexanone	10.98	43	510135	284.525	ug/l	97
60) Dibromochloromethane	11.14	129	258792	56.350	ug/l	99
61) 1,2-Dibromoethane	11.24	107	190725	56.410	ug/l	98
64) Tetrachloroethene	10.87	164	247521	55.975	ug/l	95
65) Chlorobenzene	11.67	112	721745	53.814	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	267601	54.077	ug/l	98
67) Ethyl Benzene	11.74	91	1316658	54.199	ug/l	99
68) m/p-Xylenes	11.85	106	1004509	109.405	ug/l	98
69) o-Xylene	12.18	106	454563	56.024	ug/l	96
70) Styrene	12.19	104	795332	55.693	ug/l	99
71) Bromoform	12.36	173	139550	56.192	ug/l #	100
73) Isopropylbenzene	12.48	105	1260587	56.843	ug/l	100
74) N-amyl acetate	12.29	43	259060	55.378	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	206020	54.671	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	287058	112.893	ug/l #	100
77) Bromobenzene	12.76	156	281059	54.988	ug/l	96
78) n-propylbenzene	12.82	91	1519410	56.204	ug/l	98
79) 2-Chlorotoluene	12.91	91	841173	55.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1053956	56.209	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	55665	47.246	ug/l	92
82) 4-Chlorotoluene	13.00	91	881379	54.530	ug/l	100
83) tert-Butylbenzene	13.23	119	886737	57.377	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	1041795	55.595	ug/l	98
85) sec-Butylbenzene	13.40	105	1244923	56.189	ug/l	100
86) p-Isopropyltoluene	13.52	119	1150062	57.096	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	542765	55.349	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	531908	54.471	ug/l	98
89) n-Butylbenzene	13.84	91	1088711	56.842	ug/l	99
90) Hexachloroethane	14.11	117	219205	52.975	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	463405	55.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	34008	55.828	ug/l	95

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Quant Title : SW846 8260
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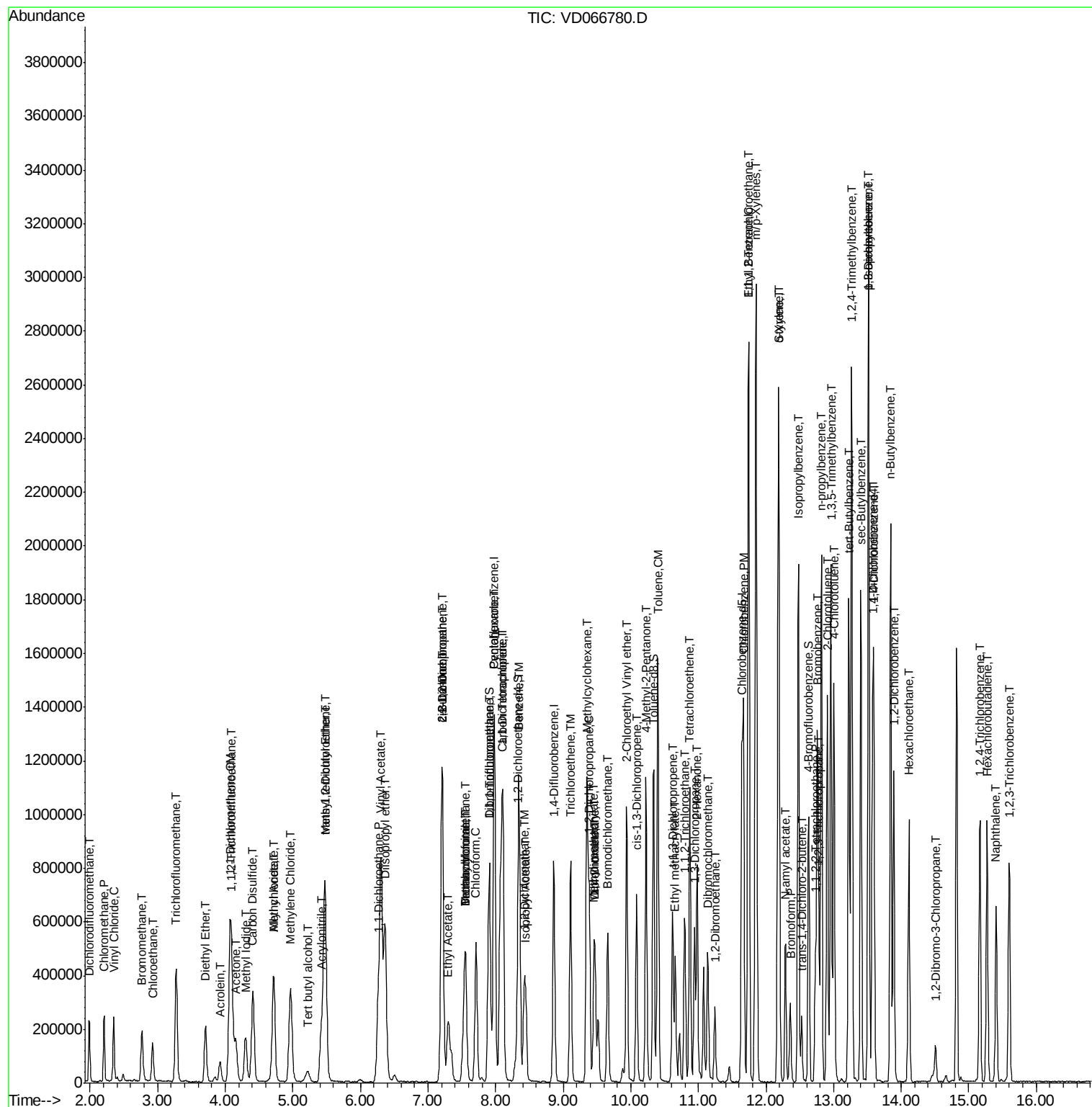
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	309298	60.861	ug/l	99
94) Hexachlorobutadiene	15.27	225	182306	59.541	ug/l	99
95) Naphthalene	15.40	128	572653	64.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	267870	60.346	ug/l	97

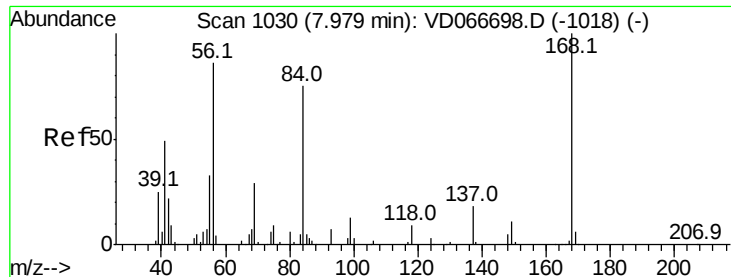
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

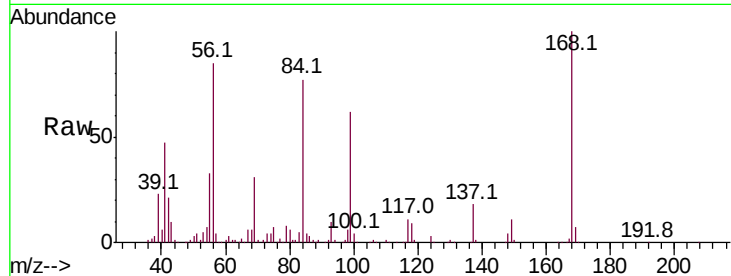
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 450789

Ion Ratio Lower Upper

168 100

99 61.8 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

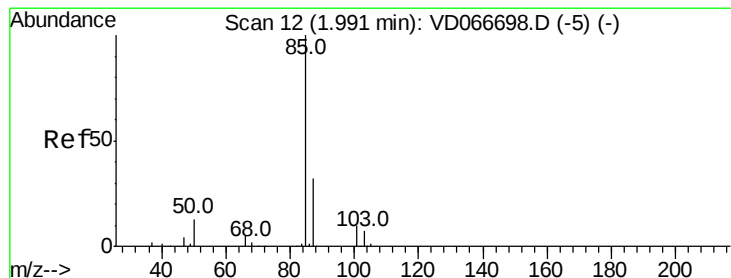
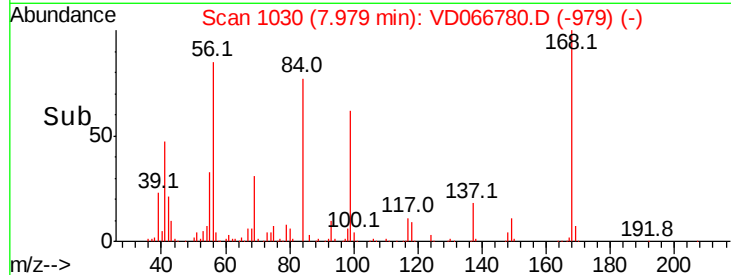
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.374 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066780.D

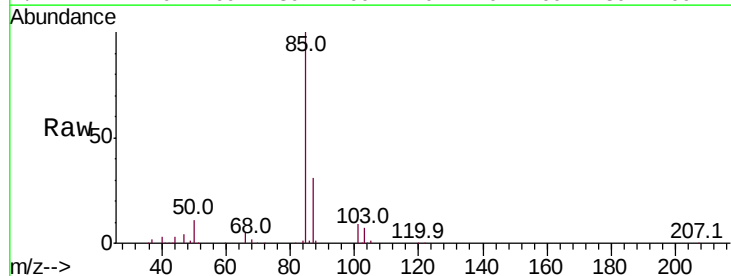
Acq: 21 Sep 2020 13:57

Tgt Ion: 85 Resp: 174094

Ion Ratio Lower Upper

85 100

87 31.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

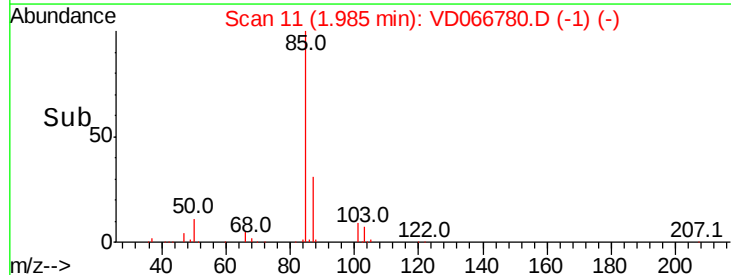
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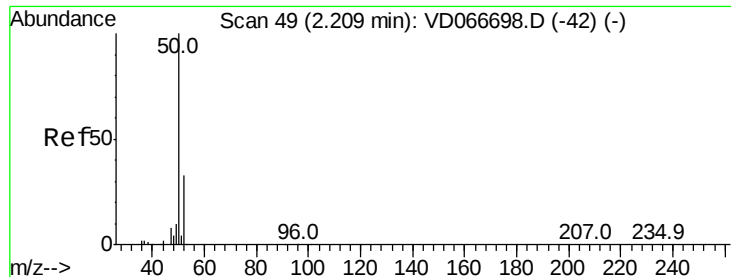
50000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 40.897 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

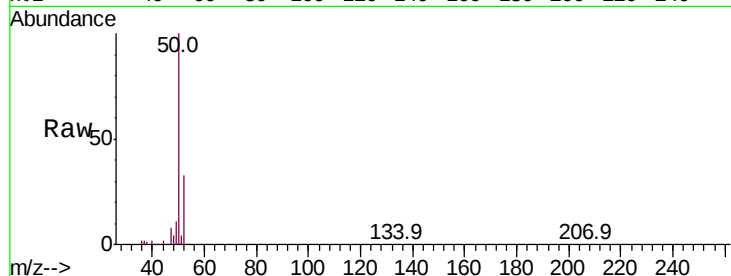
VSTDCCC050

Tot Ion: 50 Resp: 200619

Ion Ratio Lower Upper

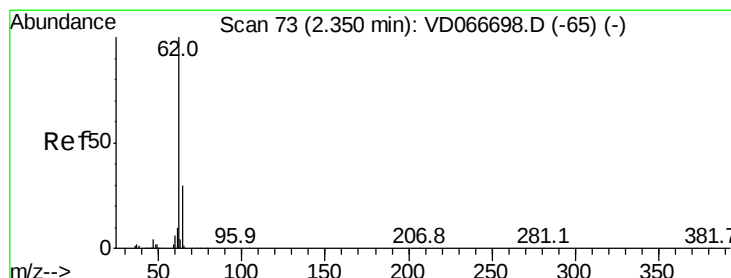
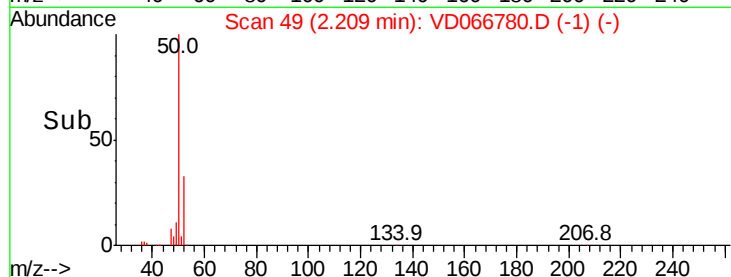
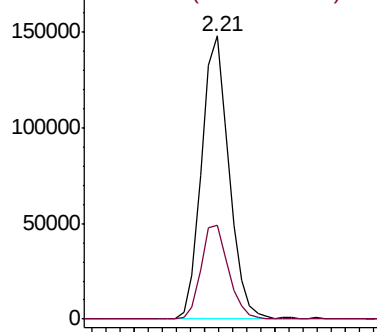
50 100

52 33.3 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.148 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066780.D

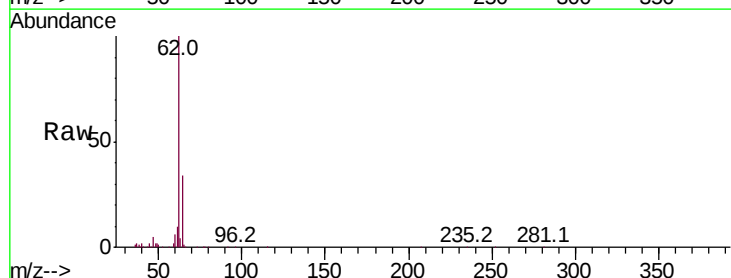
Acq: 21 Sep 2020 13:57

Tgt Ion: 62 Resp: 216390

Ion Ratio Lower Upper

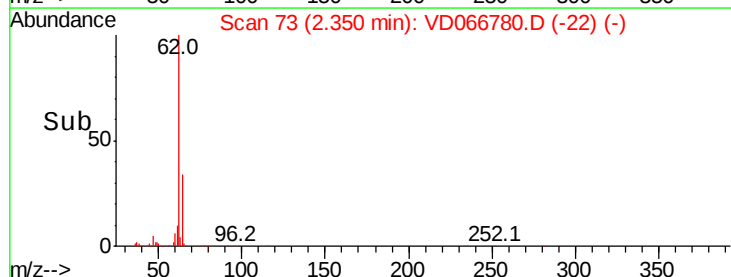
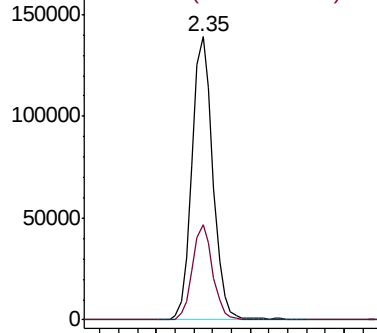
62 100

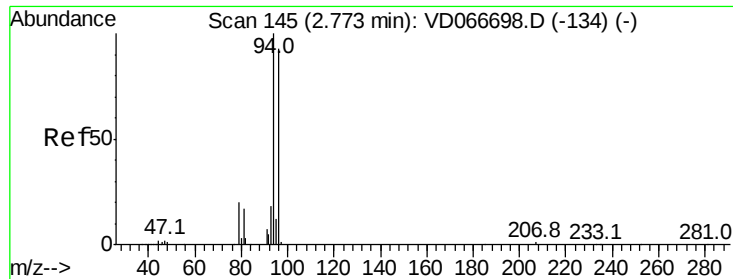
64 33.8 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 39.822 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

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ClientSampleId :

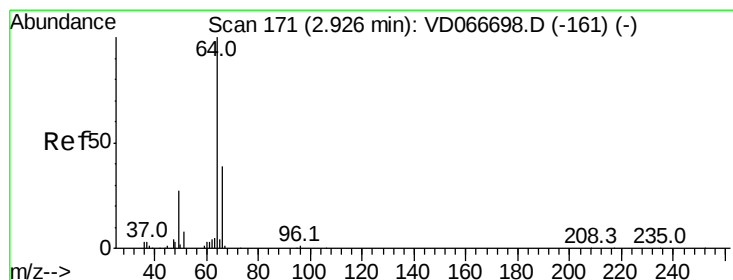
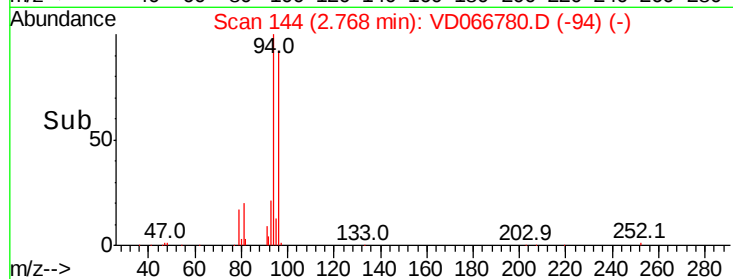
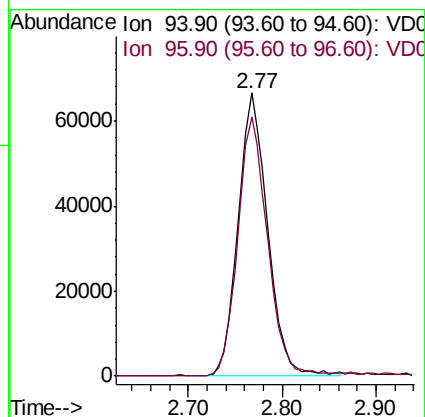
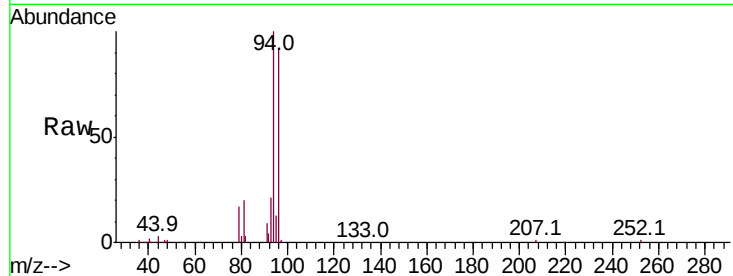
VSTDCCC050

Tot Ion: 94 Resp: 145030

Ion Ratio Lower Upper

94 100

96 91.5 74.7 112.1



#6

Chloroethane

Concen: 41.965 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD066780.D

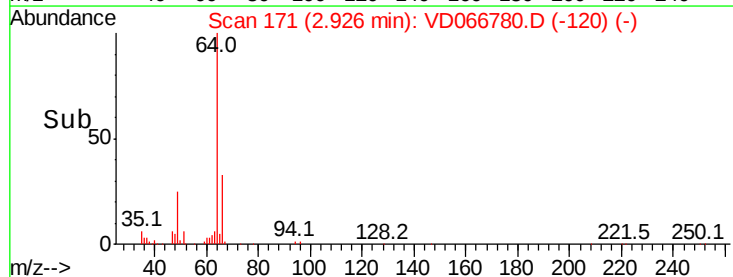
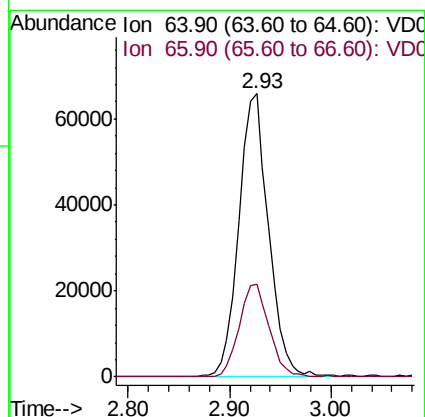
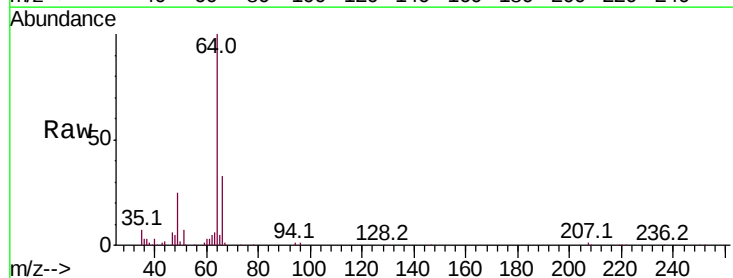
Acq: 21 Sep 2020 13:57

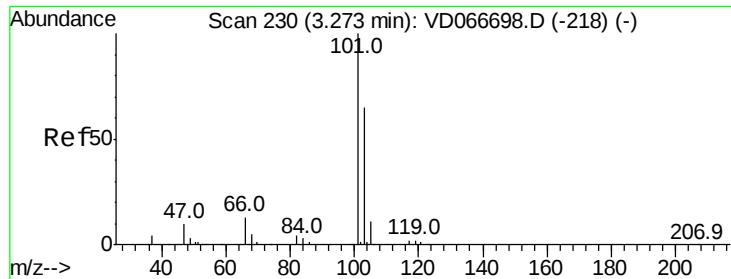
Tgt Ion: 64 Resp: 134218

Ion Ratio Lower Upper

64 100

66 32.8 30.9 46.3



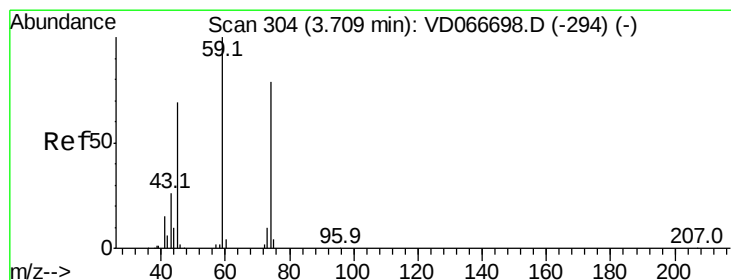
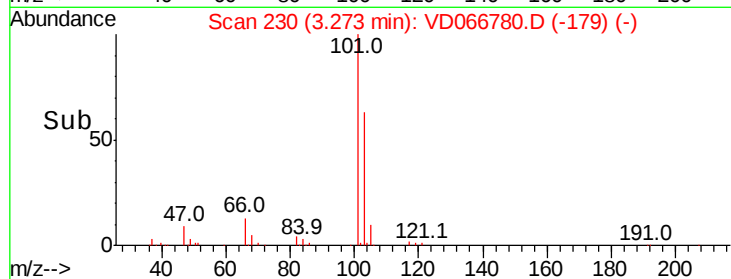
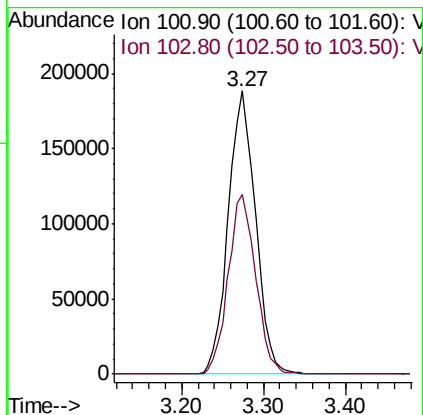
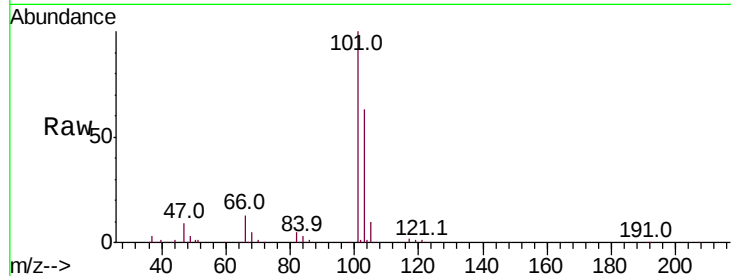


#7

Trichlorofluoromethane
Concen: 49.644 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Instrument :
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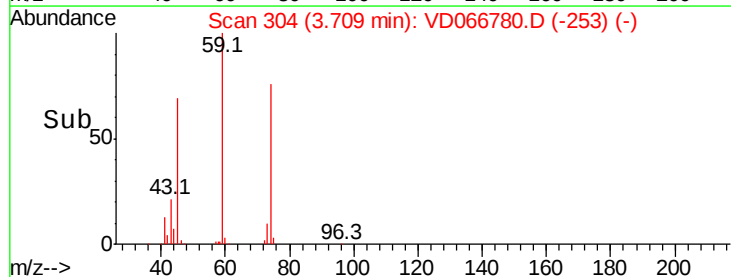
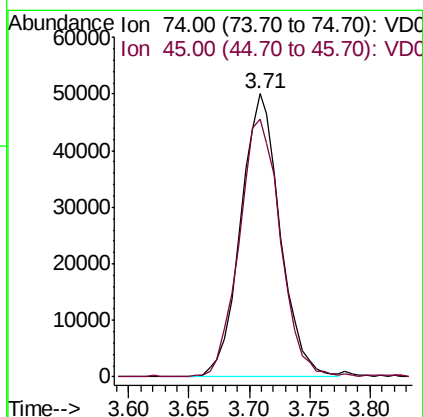
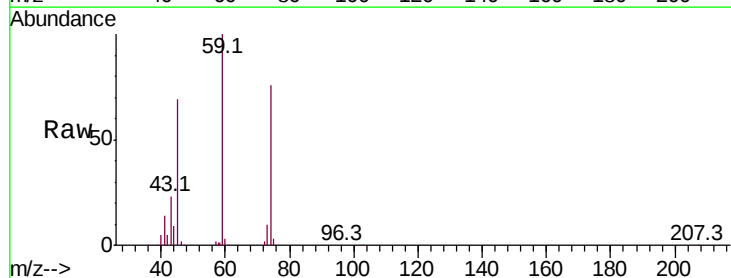
Tot Ion:101 Resp: 440226
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.8

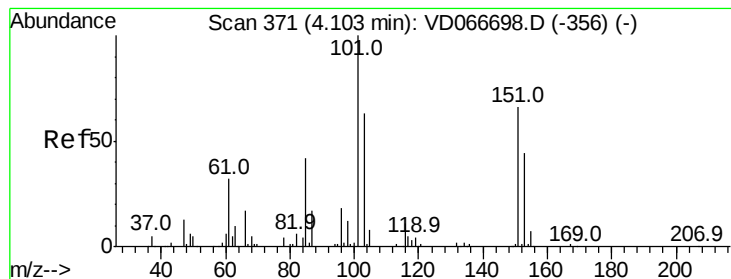


#8

Diethyl Ether
Concen: 51.394 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion: 74 Resp: 114122
Ion Ratio Lower Upper
74 100
45 95.4 48.0 144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.455 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

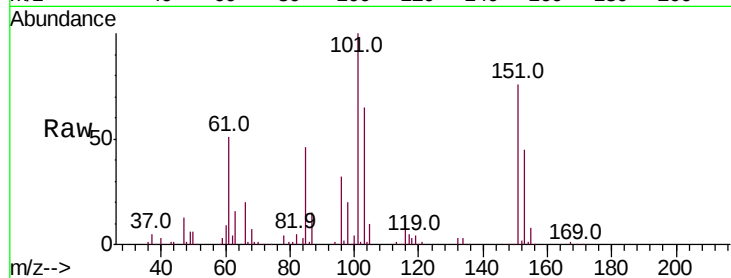
Tot Ion:101 Resp: 255630

Ion Ratio Lower Upper

101 100

85 43.5 36.3 54.5

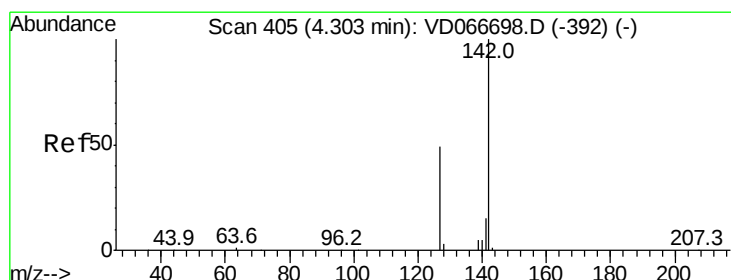
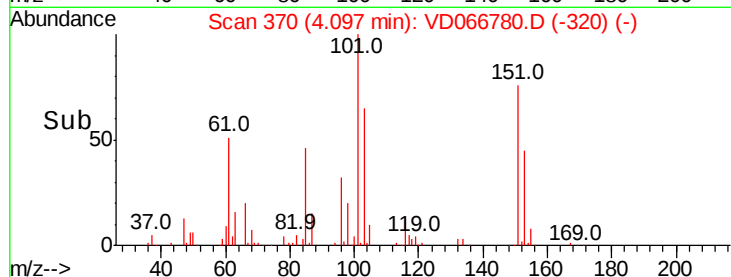
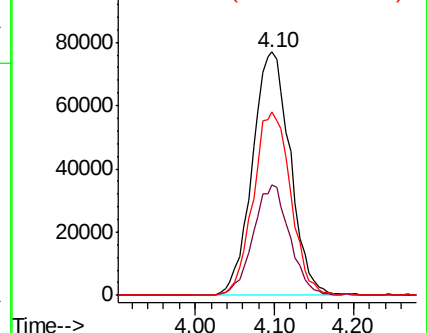
151 74.5 58.0 87.0



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: 60.648 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

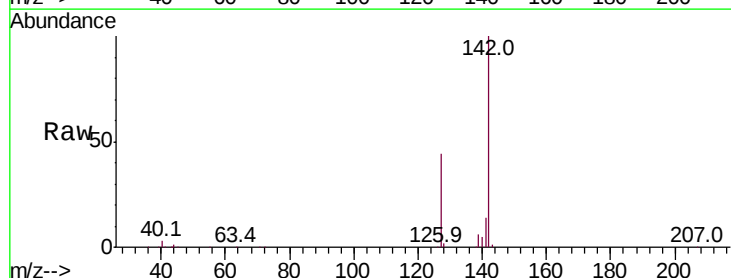
Tgt Ion:142 Resp: 280426

Ion Ratio Lower Upper

142 100

127 47.8 39.0 58.4

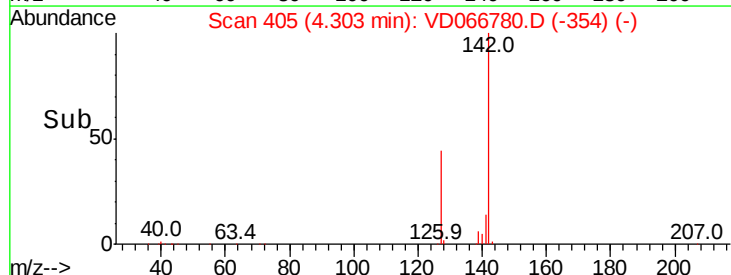
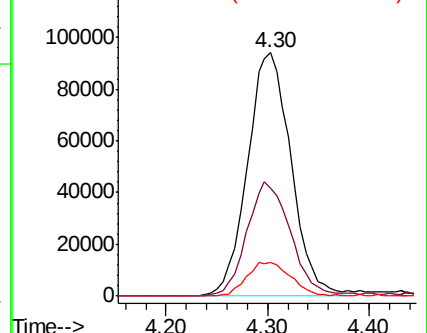
141 14.3 11.7 17.5

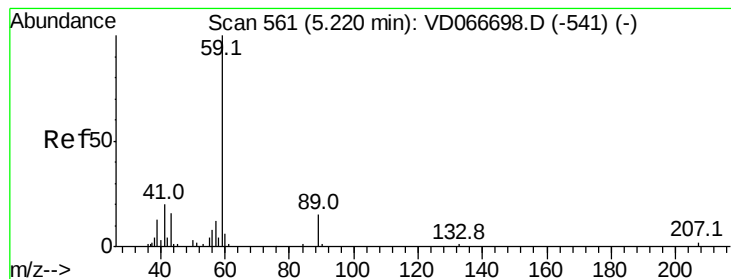


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



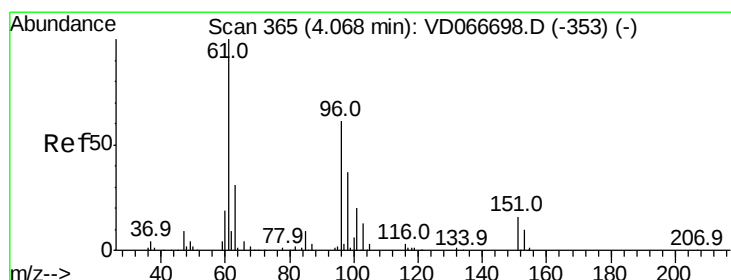
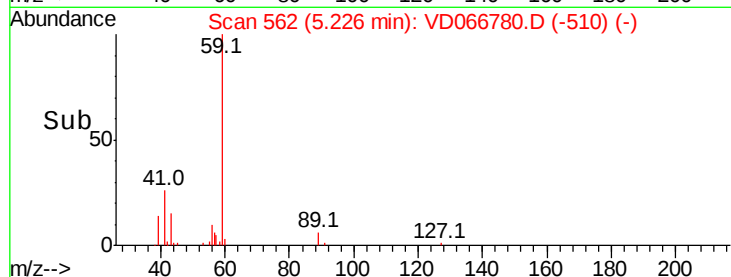
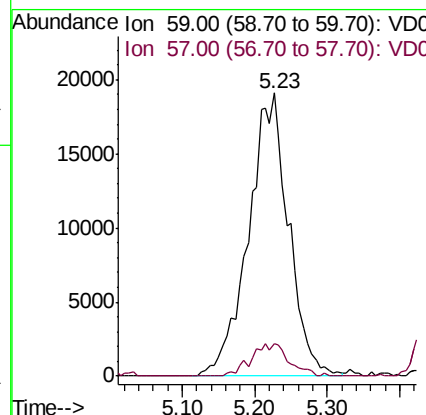
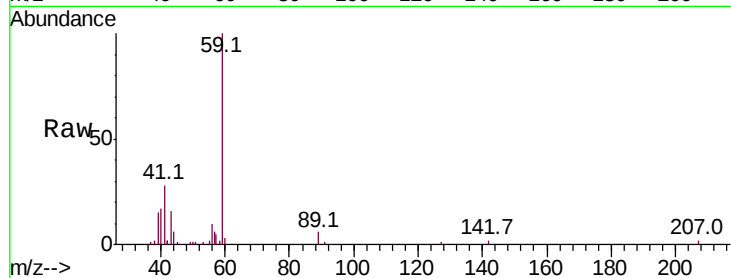


#11

Tert butyl alcohol
 Concen: 229.959 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

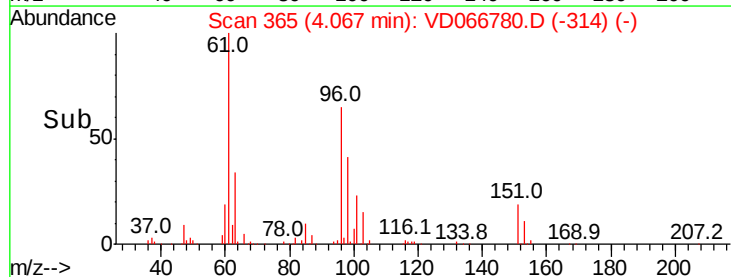
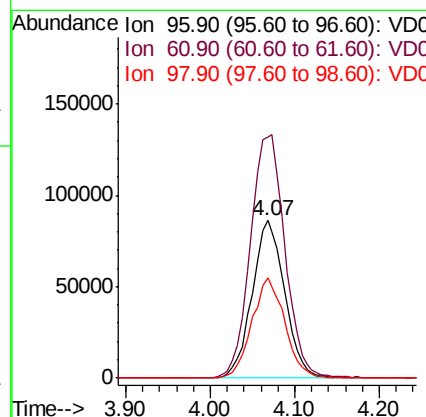
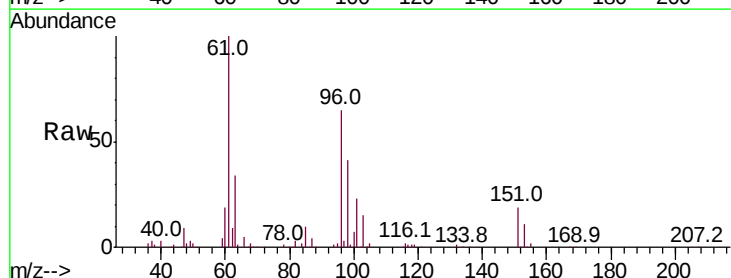
Tot Ion: 59 Resp: 73529
 Ion Ratio Lower Upper
 59 100
 57 10.8 6.7 10.1#

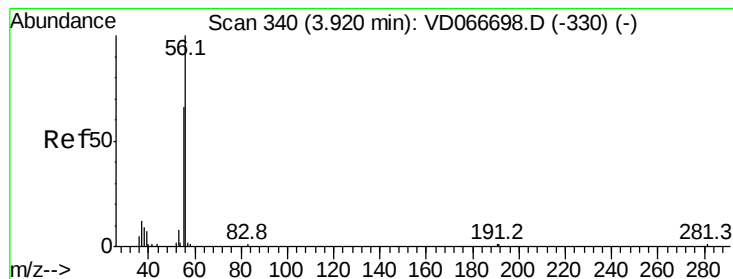


#12

1,1-Dichloroethene
 Concen: 51.390 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Tgt Ion: 96 Resp: 231803
 Ion Ratio Lower Upper
 96 100
 61 153.3 131.9 197.9
 98 63.6 49.1 73.7





#13

Acrolein

Concen: 257.271 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

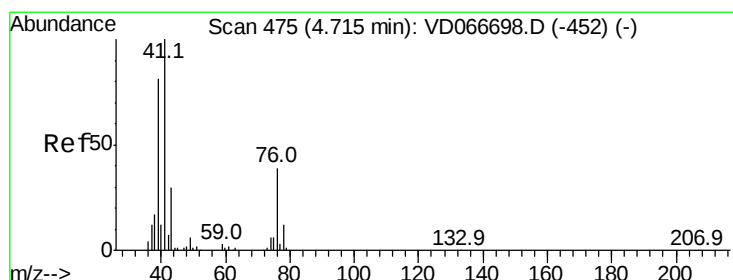
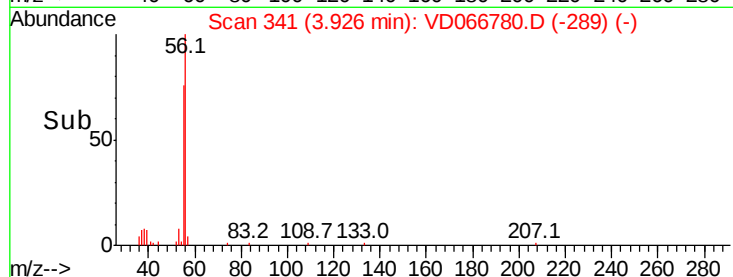
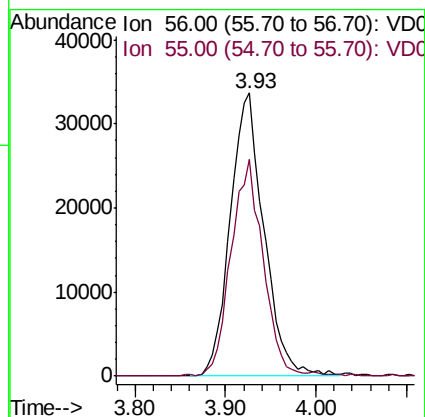
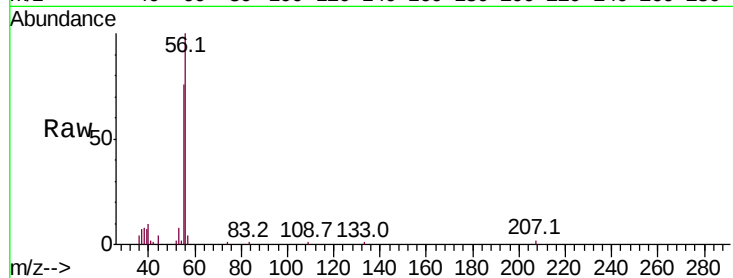
VSTDCCC050

Tot Ion: 56 Resp: 87270

Ion Ratio Lower Upper

56 100

55 72.5 54.7 82.1



#14

Allyl chloride

Concen: 50.166 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

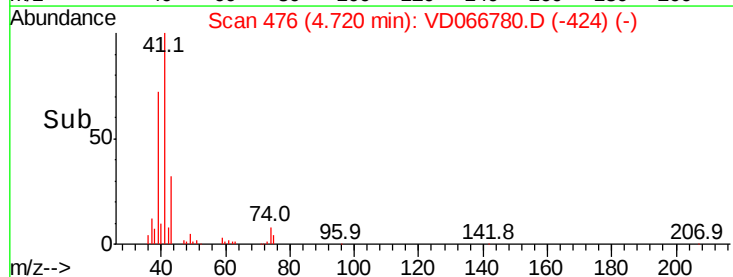
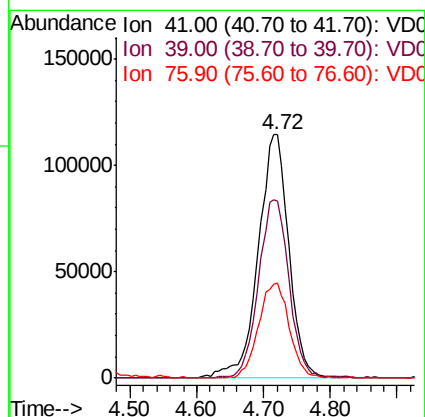
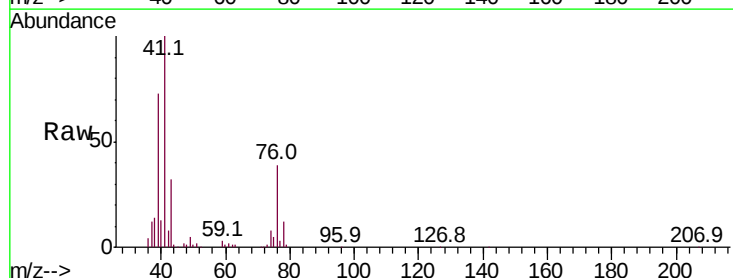
Tgt Ion: 41 Resp: 363395

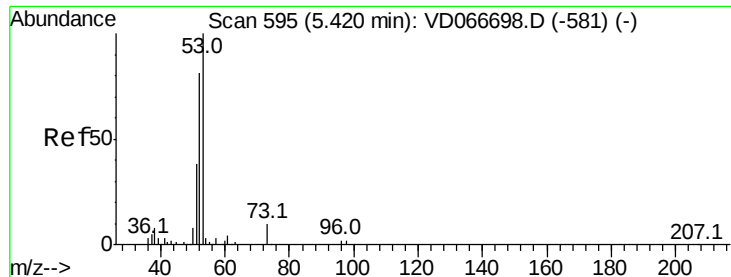
Ion Ratio Lower Upper

41 100

39 72.6 60.6 90.8

76 38.5 29.2 43.8





#15

Acrylonitrile

Concen: 264.435 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

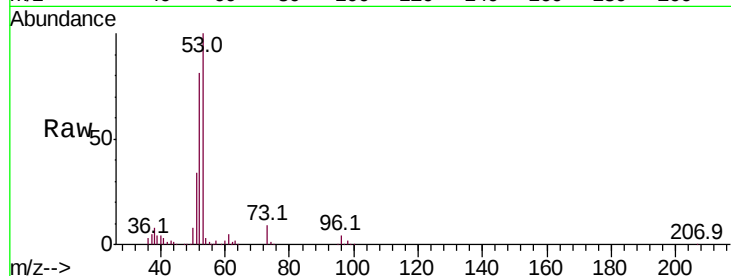
Tot Ion: 53 Resp: 257225

Ion Ratio Lower Upper

53 100

52 82.3 66.6 99.8

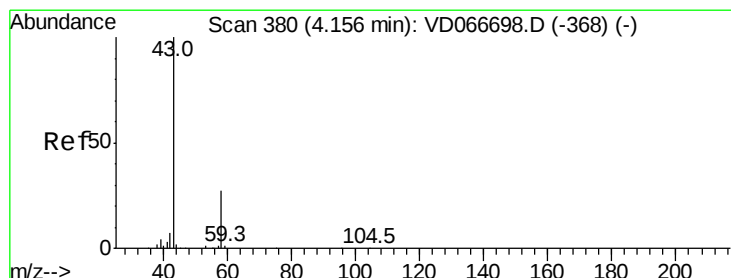
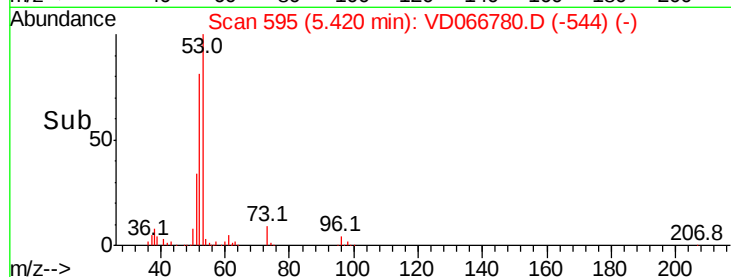
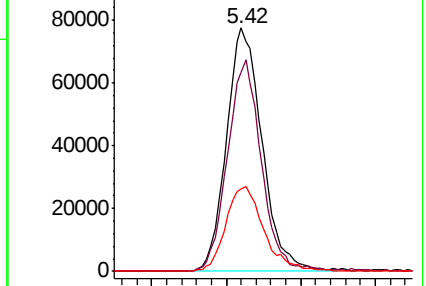
51 37.0 31.0 46.6



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: 272.844 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066780.D

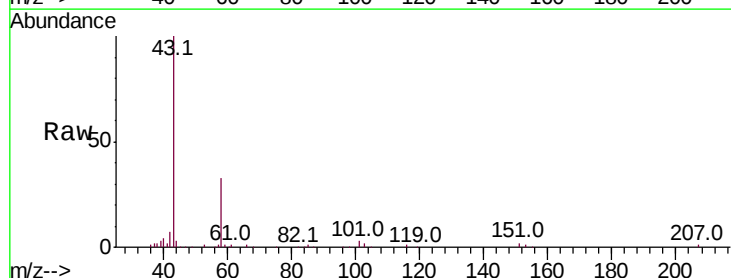
Acq: 21 Sep 2020 13:57

Tgt Ion: 43 Resp: 267232

Ion Ratio Lower Upper

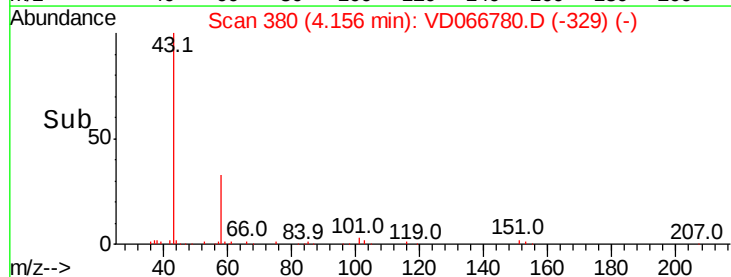
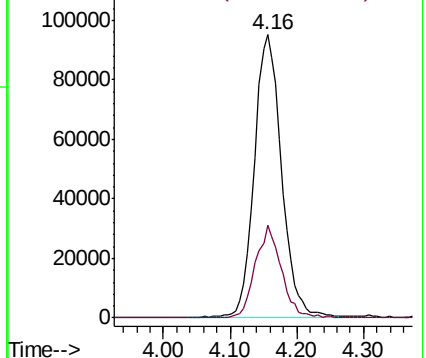
43 100

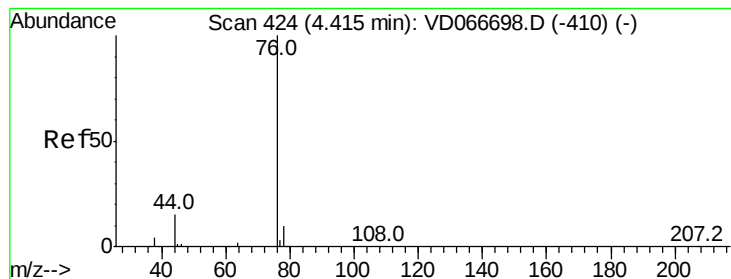
58 32.6 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 51.021 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

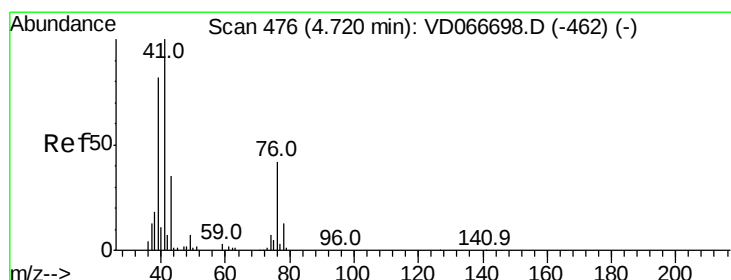
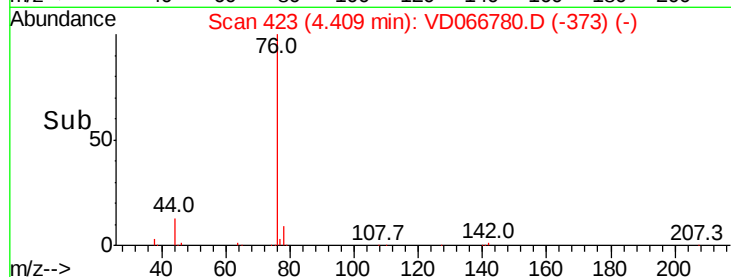
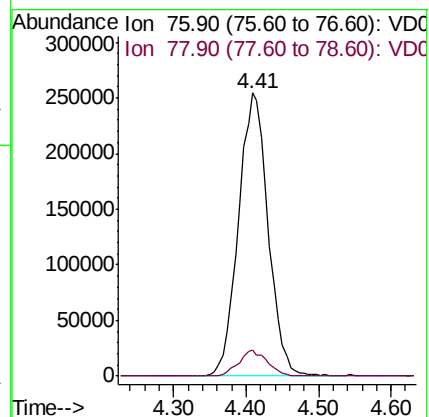
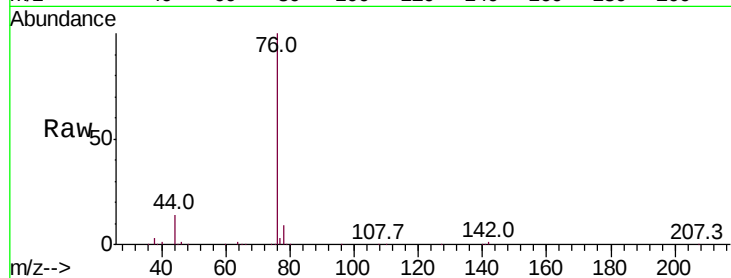
VSTDCCC050

Tot Ion: 76 Resp: 723159

Ion Ratio Lower Upper

76 100

78 9.3 8.0 12.0



#18

Methyl Acetate

Concen: 56.066 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD066780.D

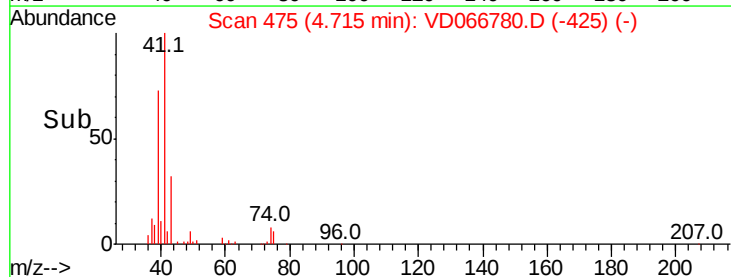
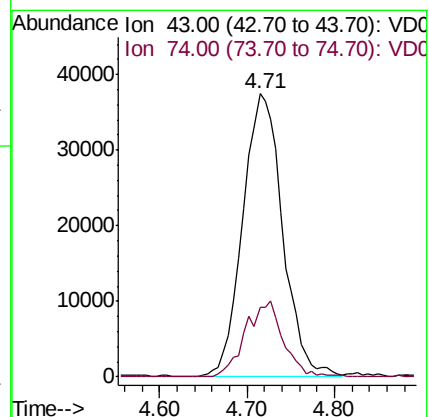
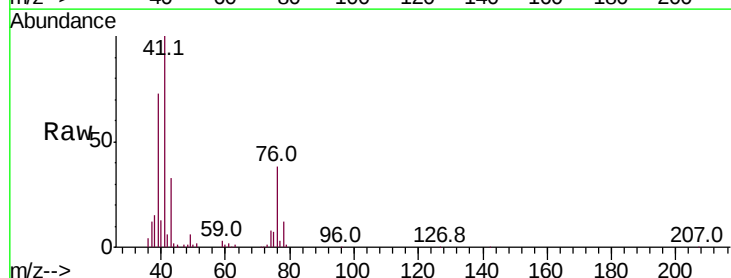
Acq: 21 Sep 2020 13:57

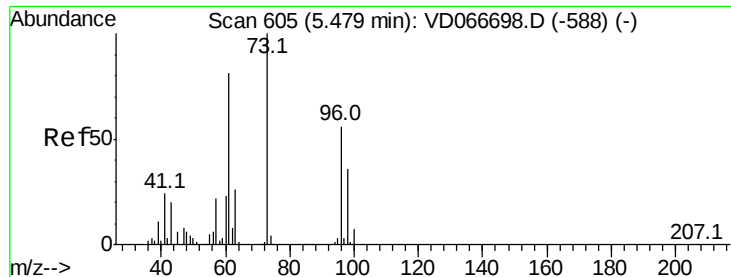
Tgt Ion: 43 Resp: 116293

Ion Ratio Lower Upper

43 100

74 25.5 18.6 28.0

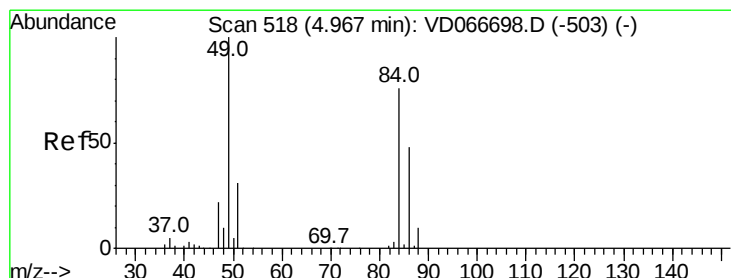
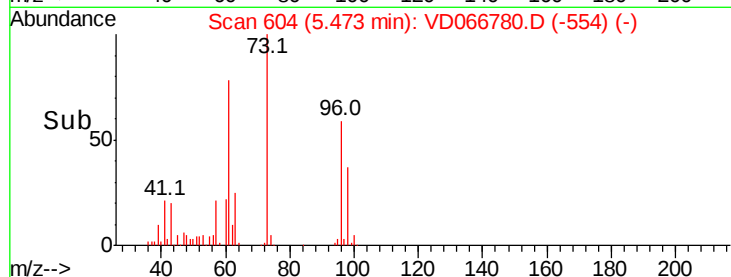
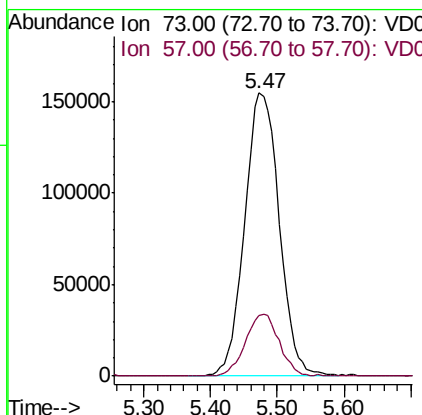
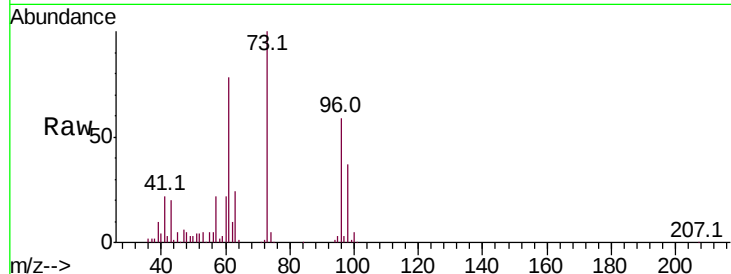




#19
Methvl tert-butvl Ether
Concen: 54.834 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

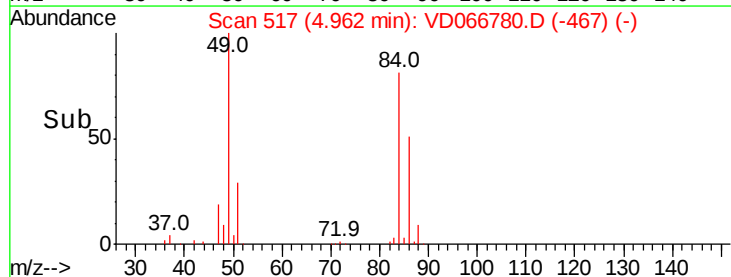
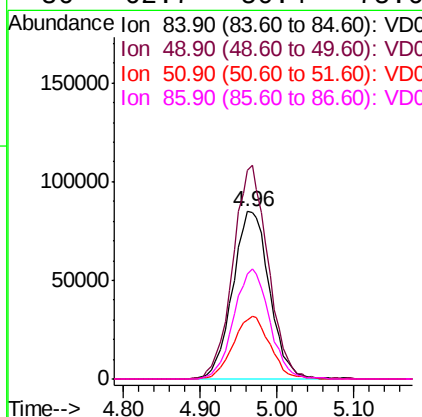
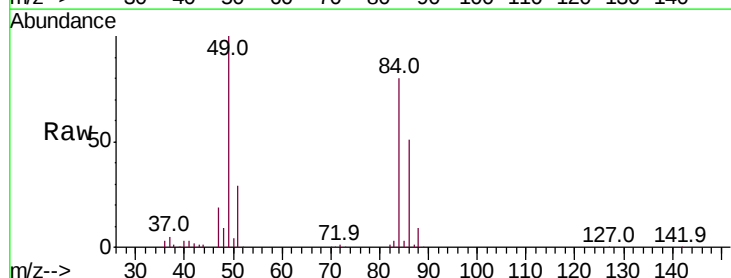
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

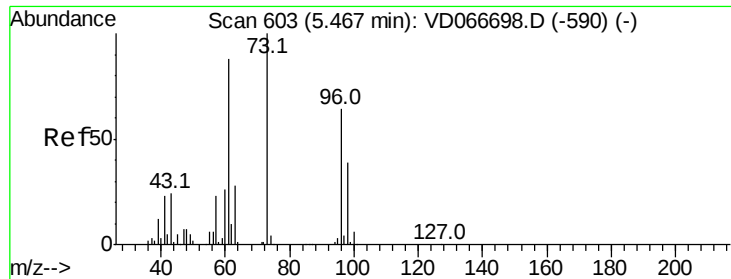
Tot Ion: 73 Resp: 550916
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6



#20
Methylene Chloride
Concen: 54.398 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion: 84 Resp: 282991
Ion Ratio Lower Upper
84 100
49 124.5 105.0 157.6
51 35.5 32.2 48.4
86 62.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 52.439 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

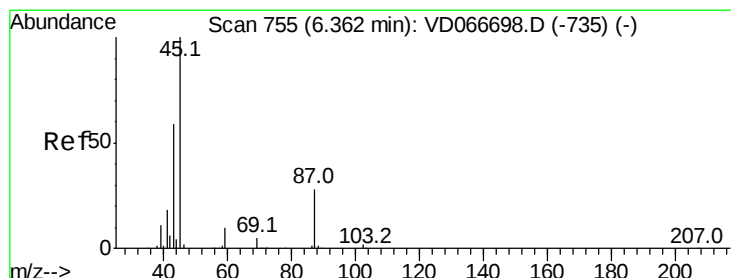
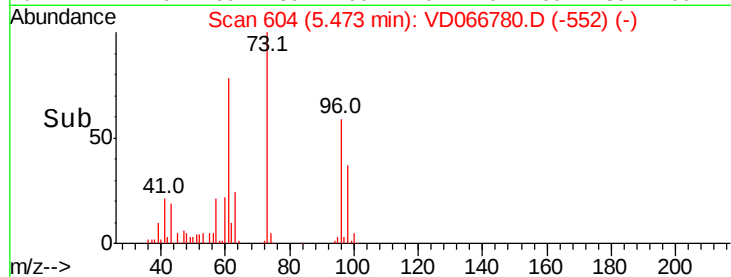
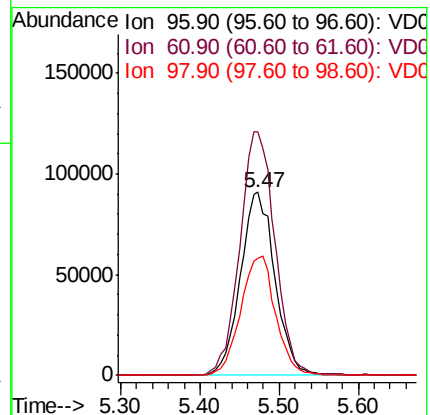
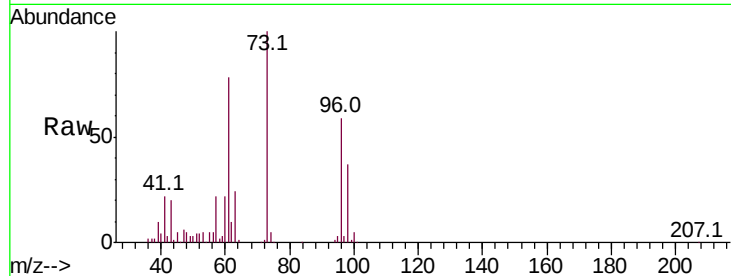
Tot Ion: 96 Resp: 275578

Ion Ratio Lower Upper

96 100

61 132.6 110.6 166.0

98 63.5 49.2 73.8



#22

Diisopropyl ether

Concen: 50.933 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Tgt Ion: 45 Resp: 749678

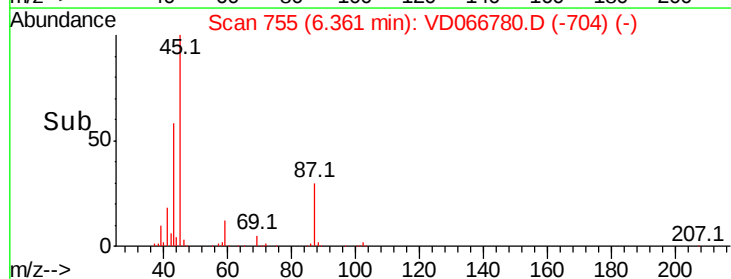
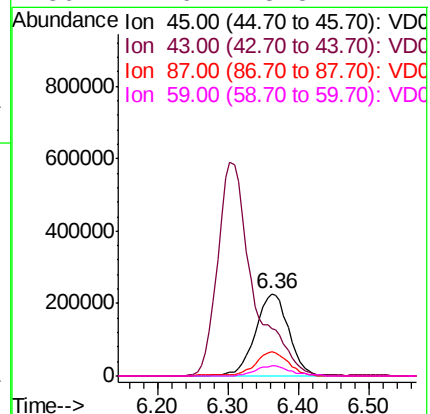
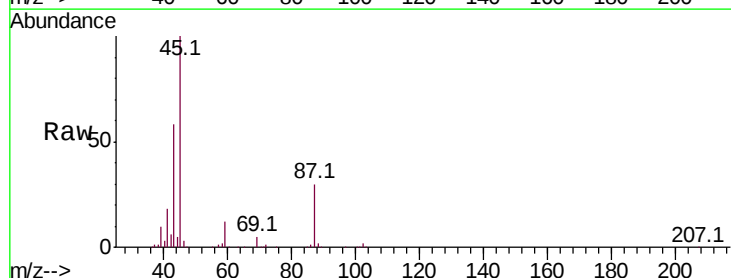
Ion Ratio Lower Upper

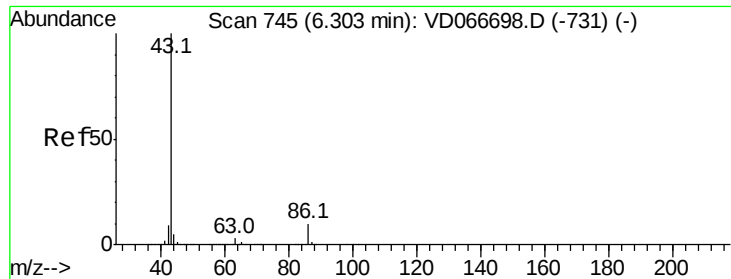
45 100

43 57.3 46.9 70.3

87 29.6 22.4 33.6

59 11.6 8.5 12.7





#23

Vinyl Acetate

Concen: 251.628 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

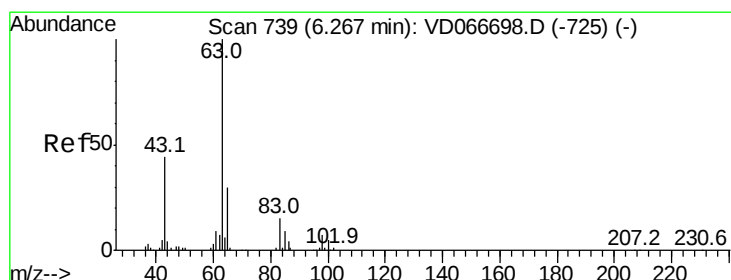
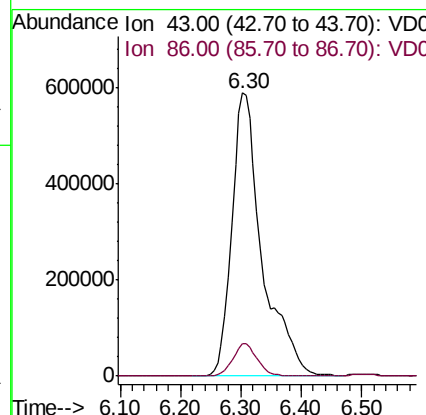
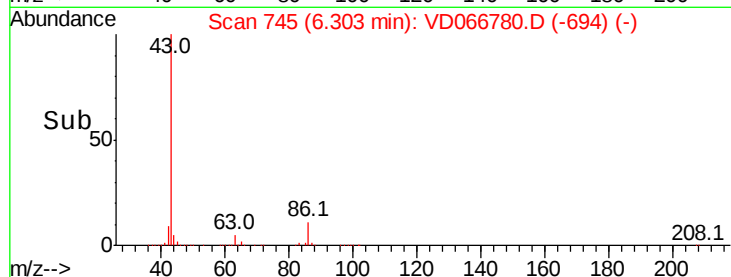
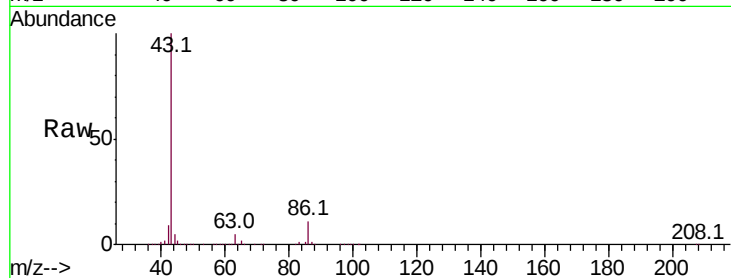
VSTDCCC050

Tot Ion: 43 Resp: 2060186

Ion Ratio Lower Upper

43 100

86 11.3 7.8 11.8



#24

1,1-Dichloroethane

Concen: 49.763 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

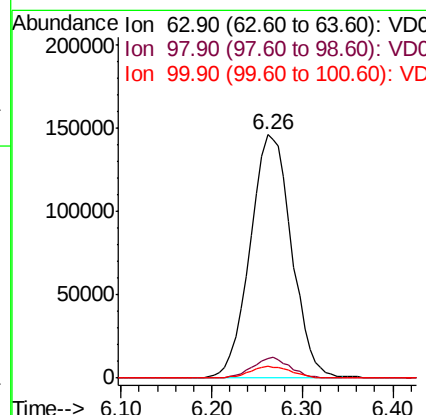
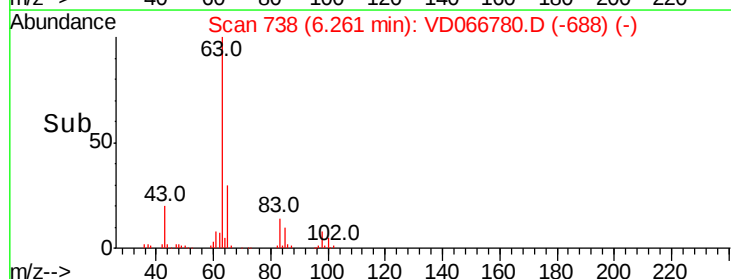
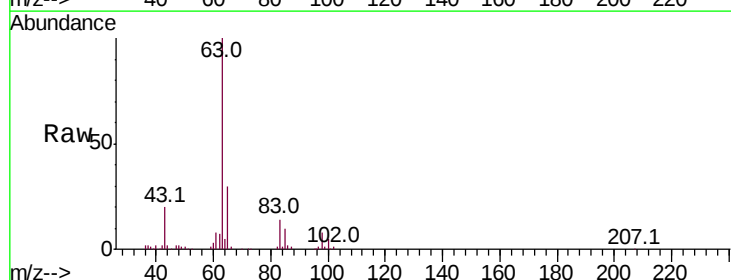
Tgt Ion: 63 Resp: 464798

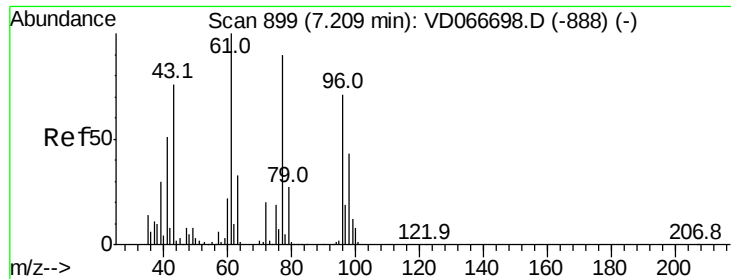
Ion Ratio Lower Upper

63 100

98 8.1 3.4 10.2

100 5.0 2.6 8.0

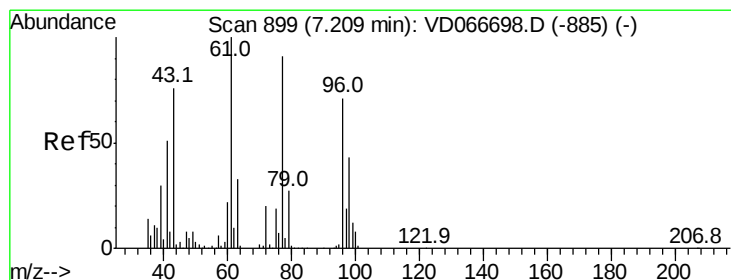
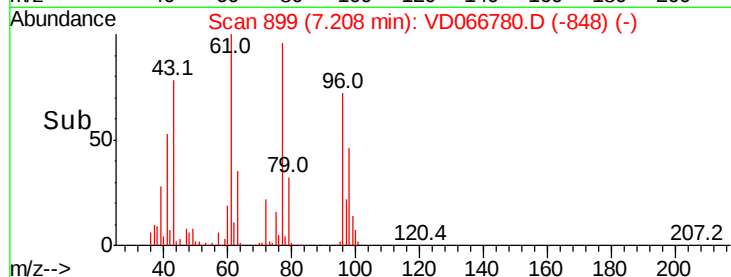
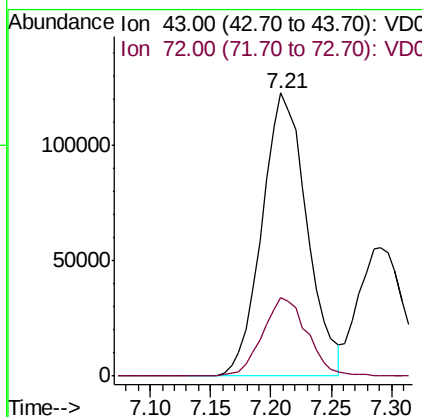
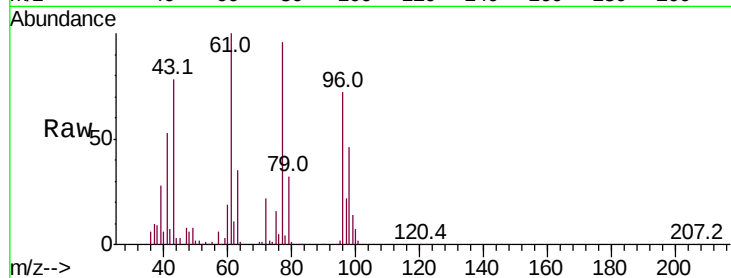




#25
 2-Butanone
 Concen: 248.315 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

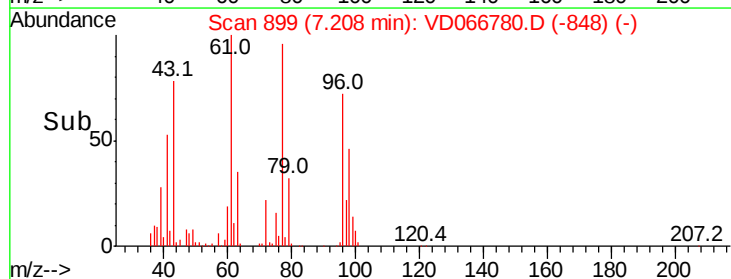
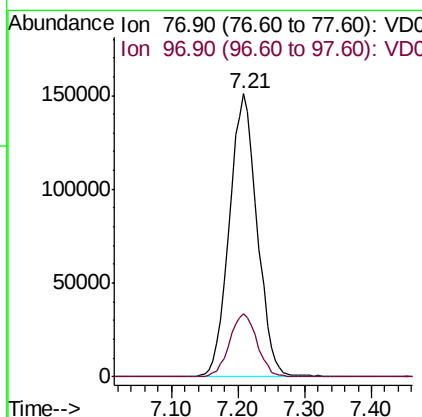
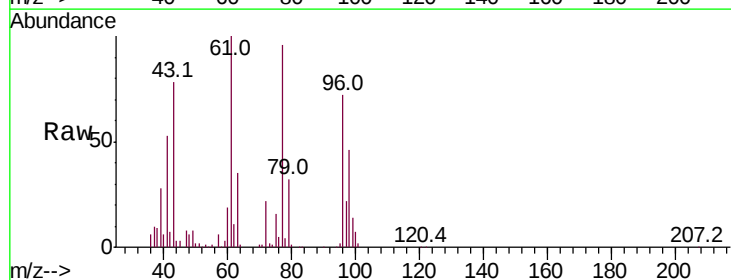
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

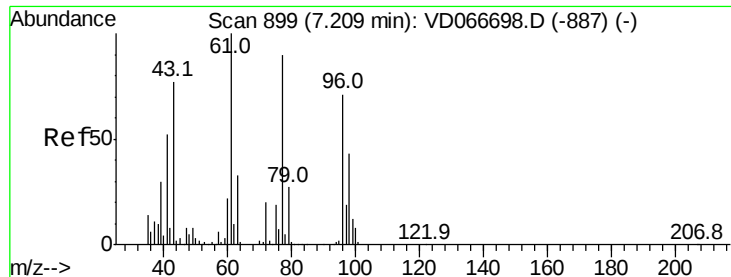
Tot Ion: 43 Resp: 316691
 Ion Ratio Lower Upper
 43 100
 72 27.7 21.0 31.4



#26
 2,2-Dichloropropane
 Concen: 50.883 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Tgt Ion: 77 Resp: 439483
 Ion Ratio Lower Upper
 77 100
 97 22.2 10.6 31.8



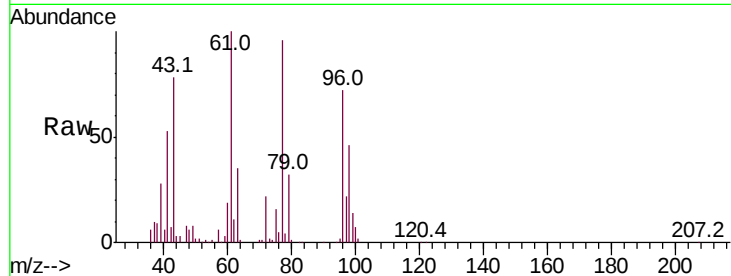


#27

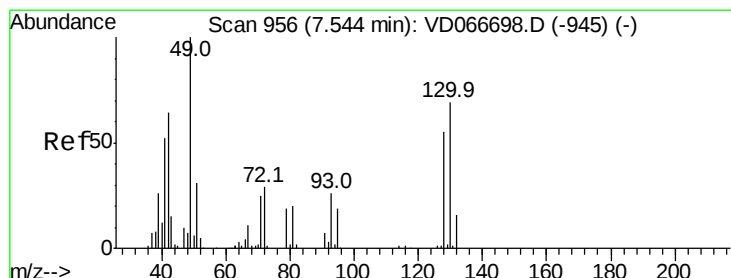
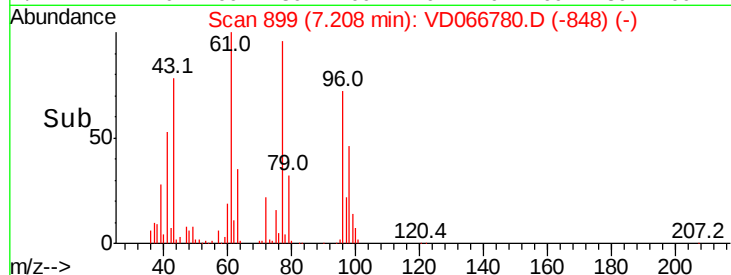
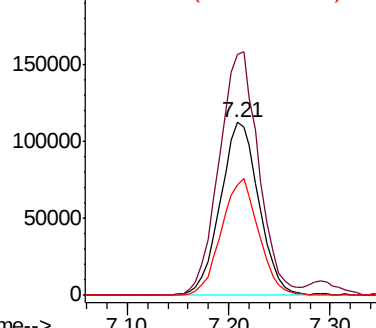
cis-1,2-Dichloroethene
 Concen: 51.980 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	96	Resp	298840
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	292.4
98	65.3	0.0	127.0



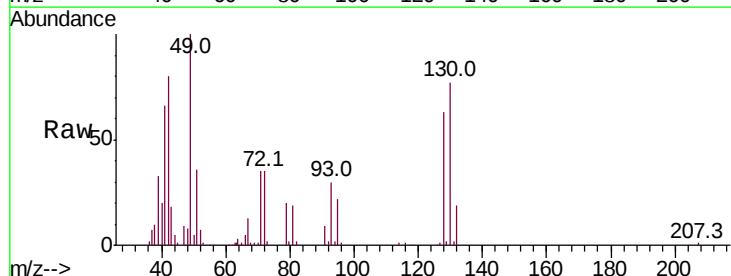
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



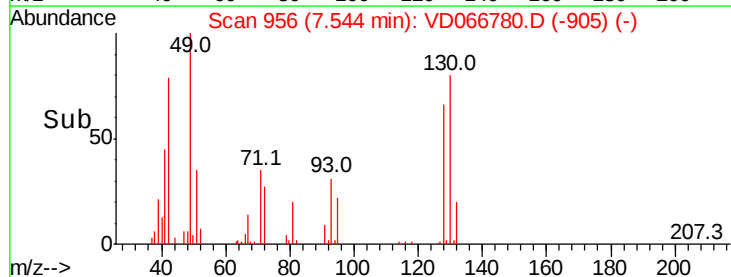
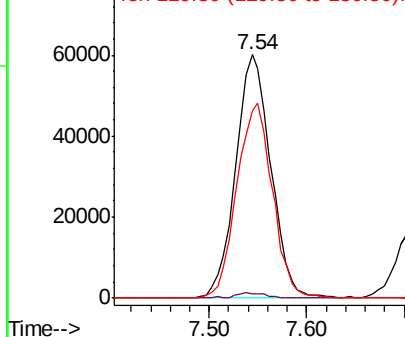
#28

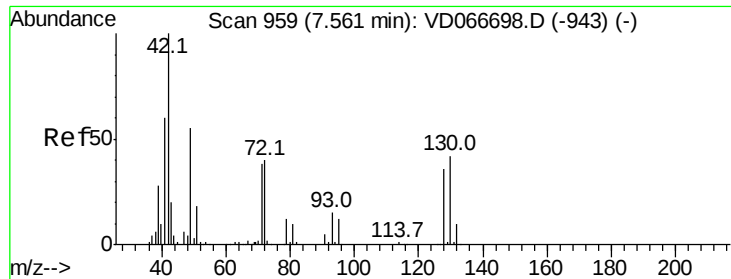
Bromochloromethane
 Concen: 43.072 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Tgt Ion	49	Resp	150267
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	81.1	58.6	88.0



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: 264.662 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

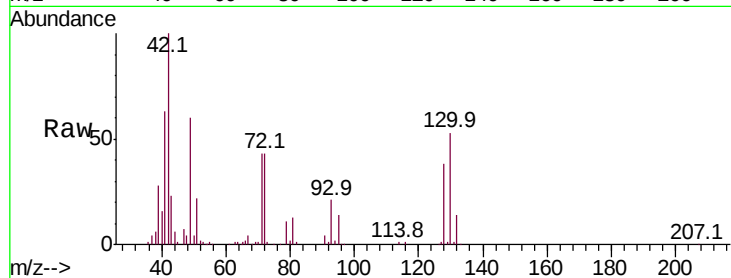
Tot Ion: 42 Resp: 206518

Ion Ratio Lower Upper

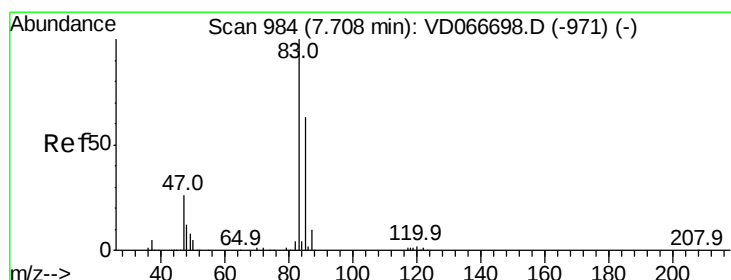
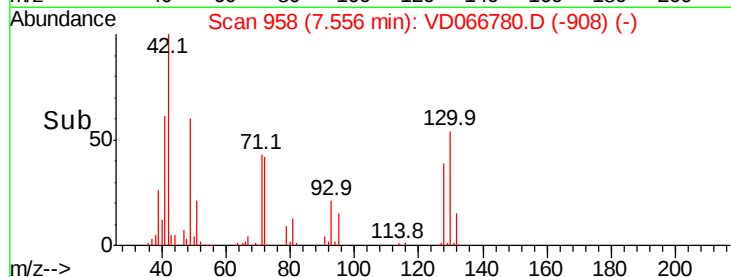
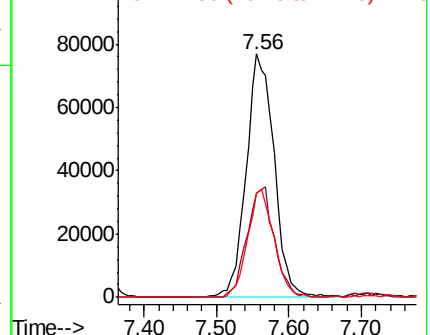
42 100

72 44.3 32.6 48.8

71 41.7 30.6 45.8



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



#30

Chloroform

Concen: 50.837 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066780.D

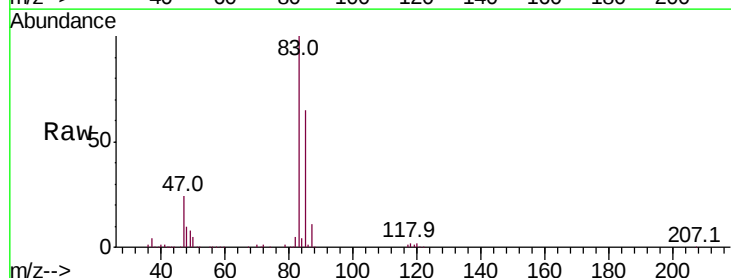
Acq: 21 Sep 2020 13:57

Tgt Ion: 83 Resp: 505351

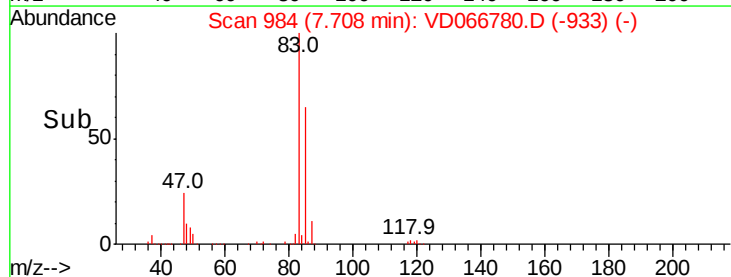
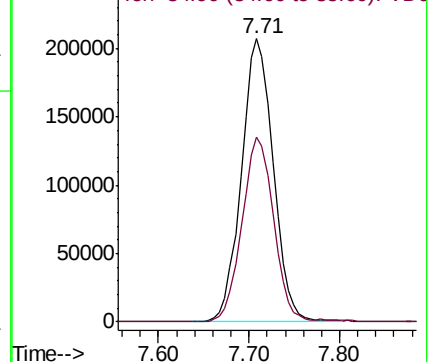
Ion Ratio Lower Upper

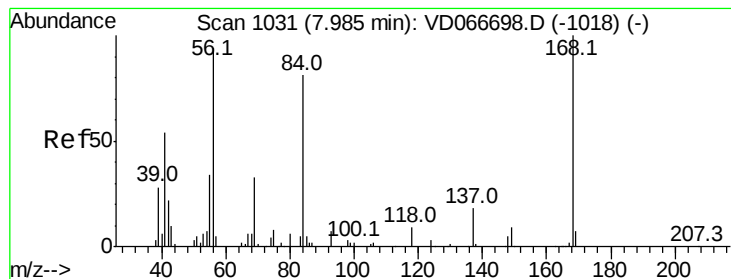
83 100

85 65.4 50.6 76.0



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





#31

Cyclohexane

Concen: 49.775 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

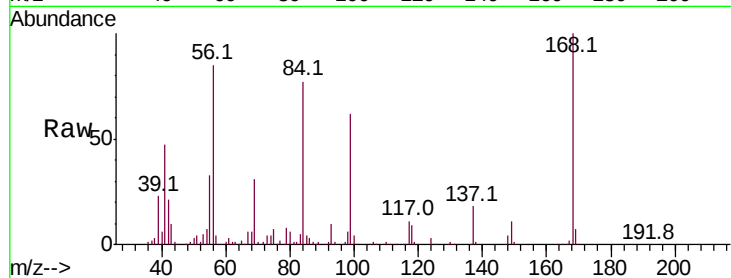
Tot Ion: 56 Resp: 422877

Ion Ratio Lower Upper

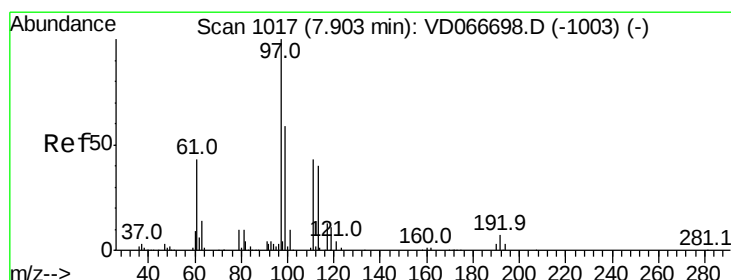
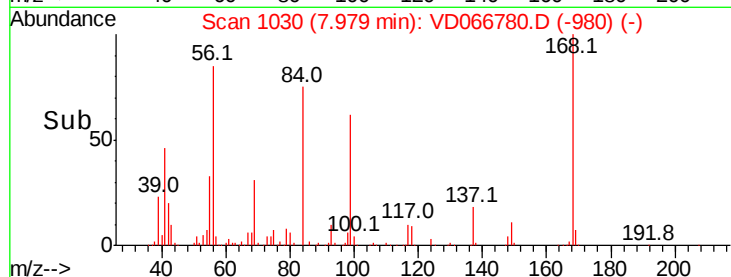
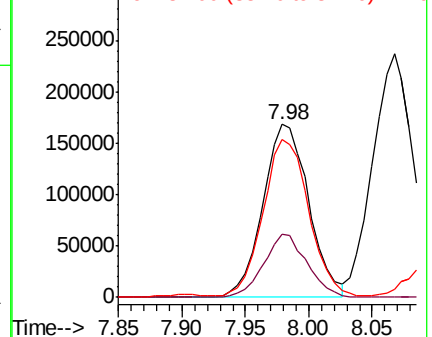
56 100

69 36.5 27.7 41.5

84 89.2 68.5 102.7



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



#32

1,1,1-Trichloroethane

Concen: 52.287 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

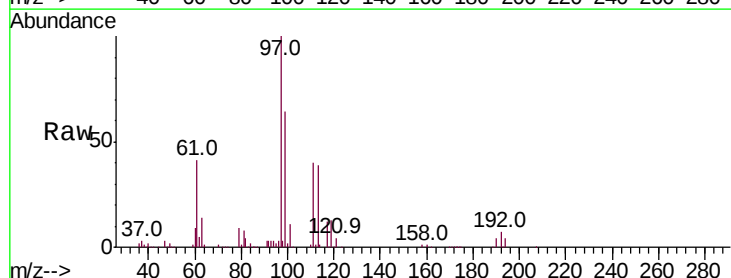
Tgt Ion: 97 Resp: 475627

Ion Ratio Lower Upper

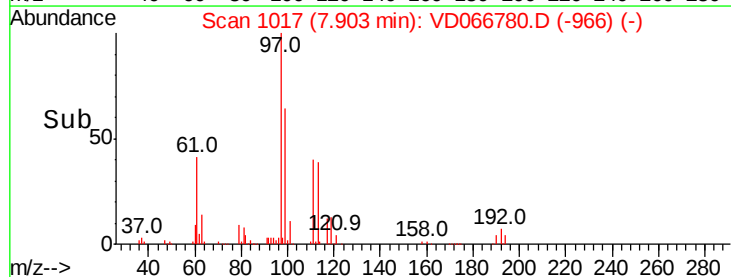
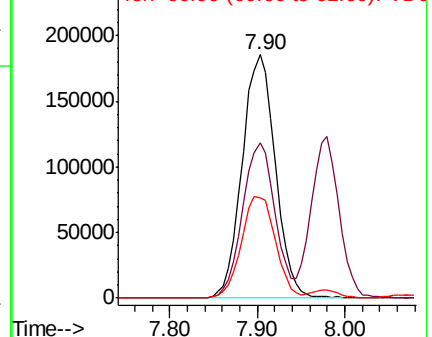
97 100

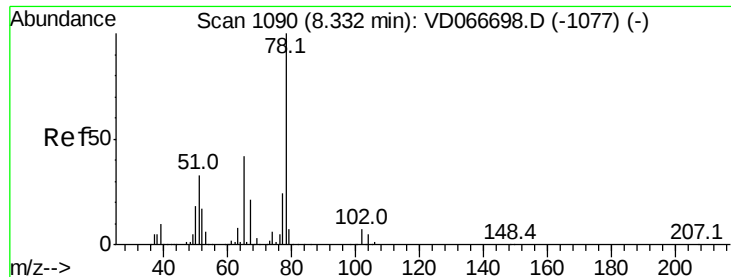
99 62.3 51.0 76.4

61 42.8 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 46.399 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

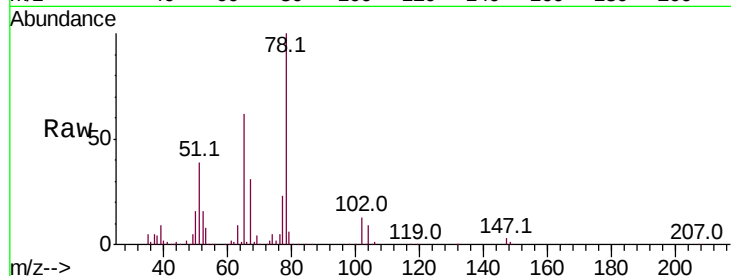
VSTDCCC050

Tot Ion: 65 Resp: 223161

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

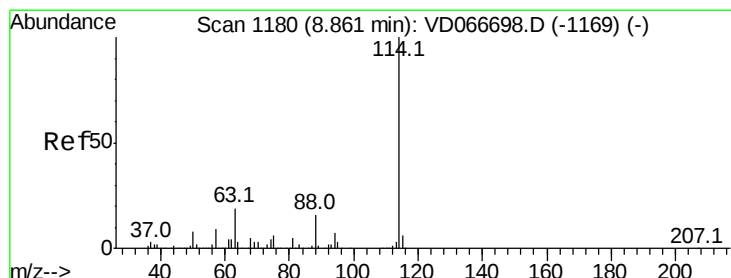
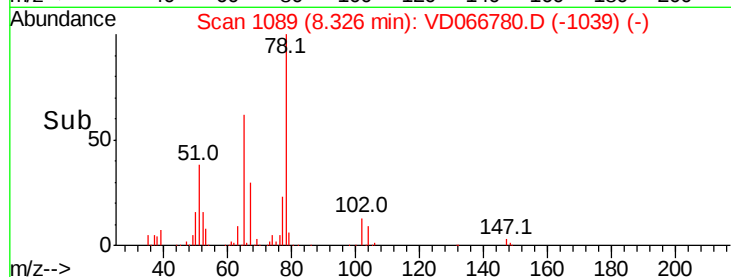
40000

20000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

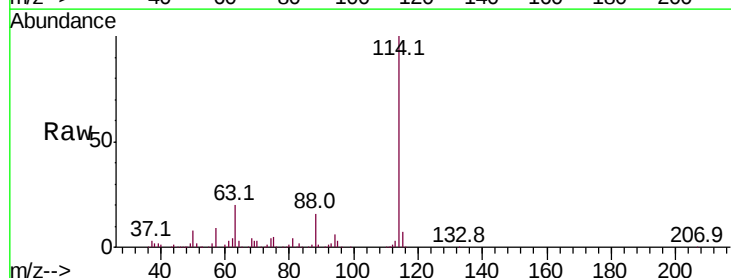
Tgt Ion: 114 Resp: 707471

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

88 15.5 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

400000

300000

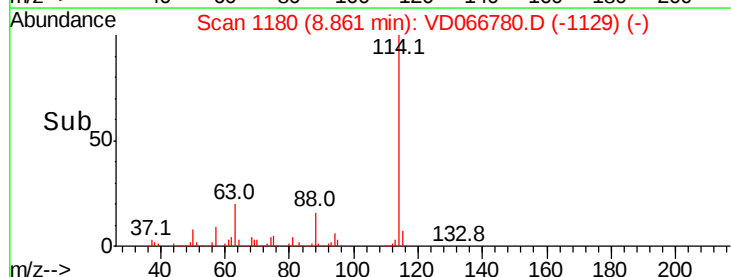
200000

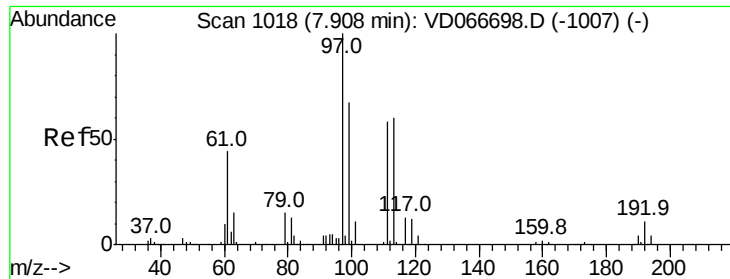
100000

0

8.80 8.90 9.00

Time-->

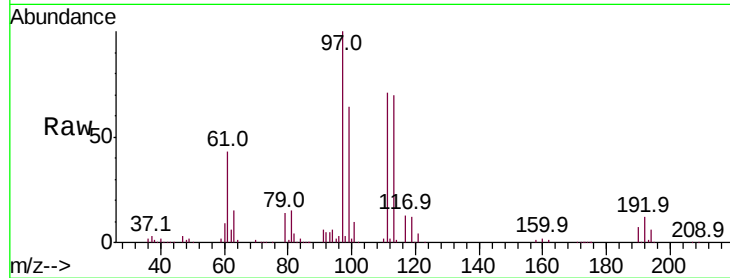




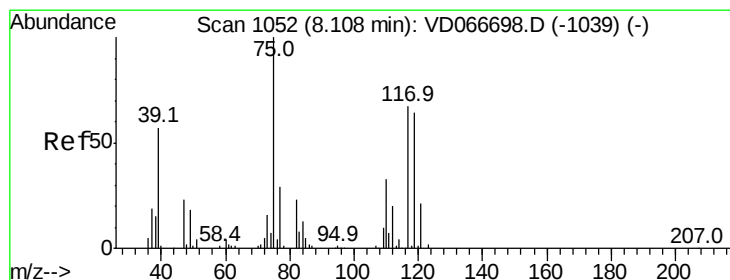
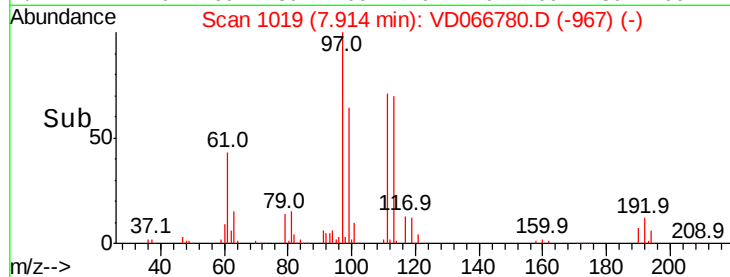
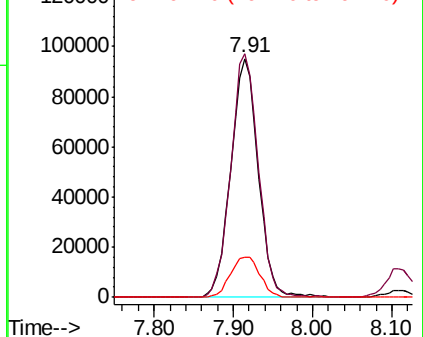
#35
 Dibromofluoromethane
 Concen: 52.453 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 227513
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.2 124.8
 192 18.2 14.8 22.2

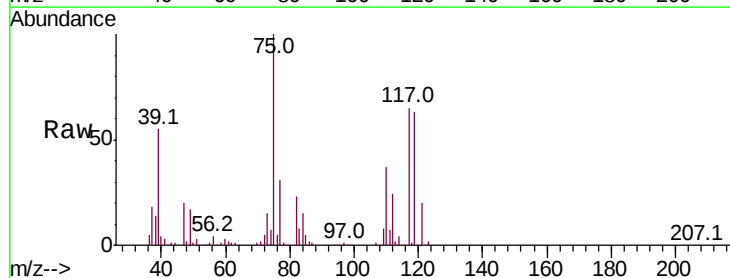


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

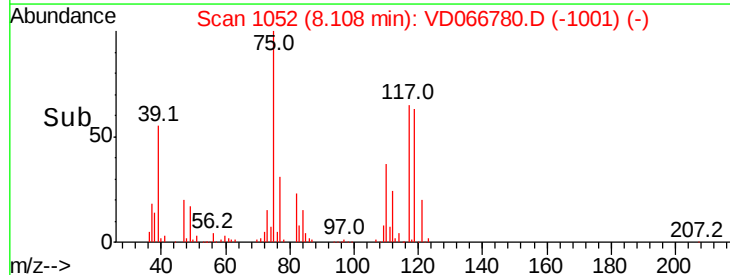
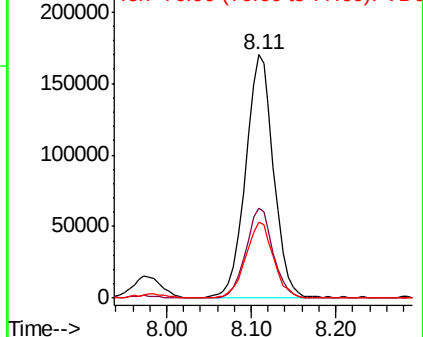


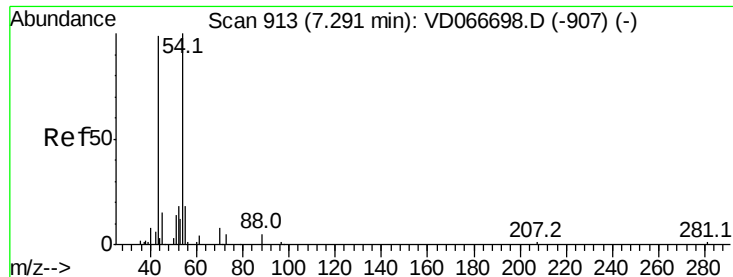
#36
 1,1-Dichloropropene
 Concen: 53.704 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Tgt Ion: 75 Resp: 390631
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.1 51.2
 77 31.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

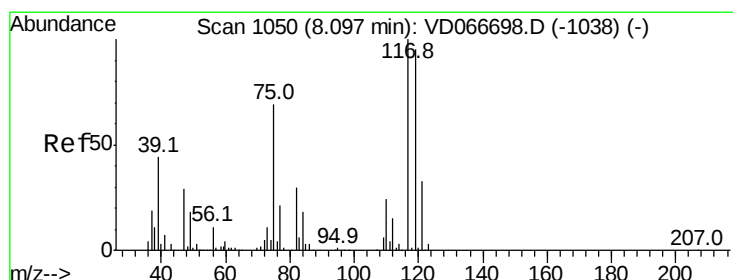
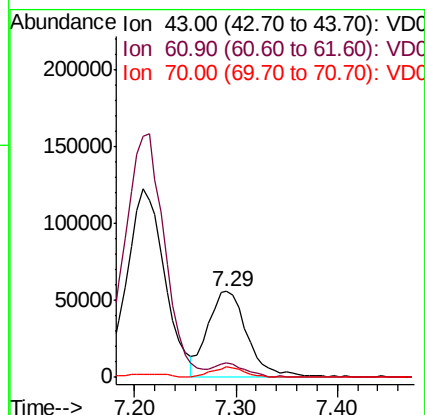
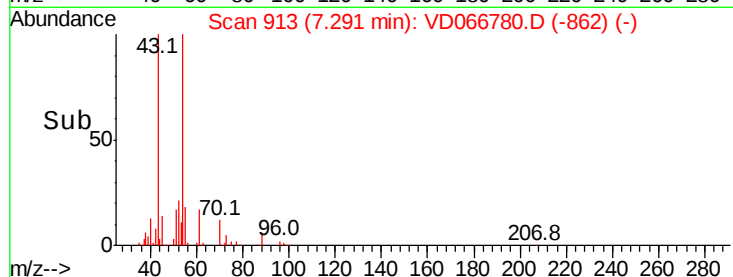
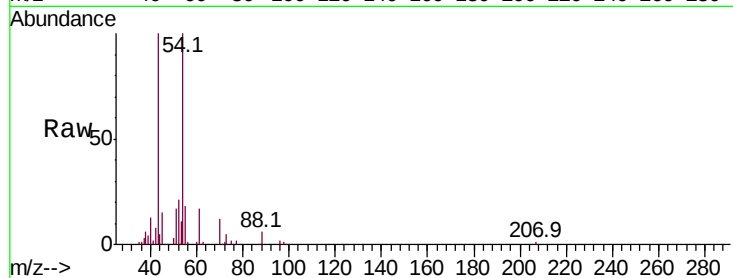




#37
Ethyl Acetate
Concen: 54.112 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

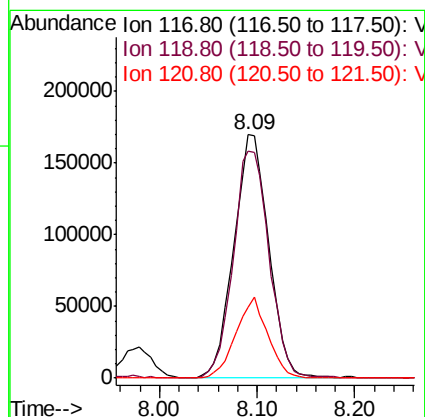
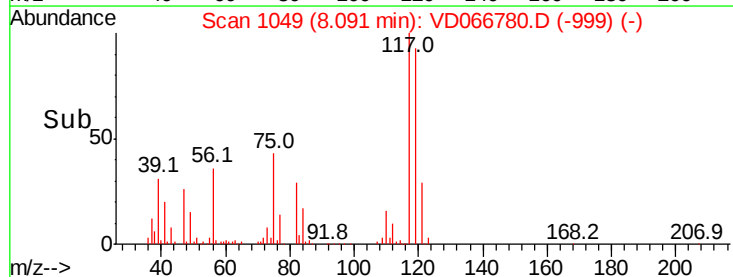
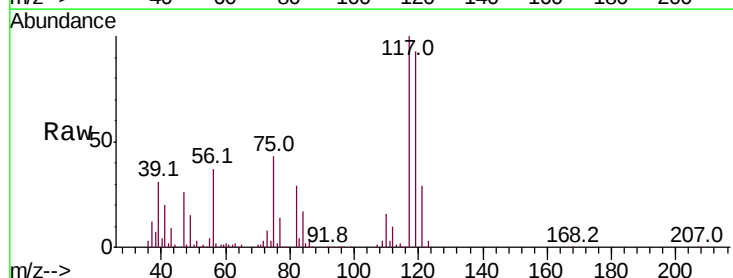
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

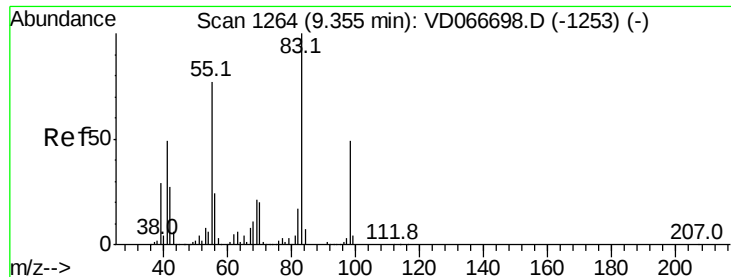
Tot Ion: 43 Resp: 149008
Ion Ratio Lower Upper
43 100
61 14.7 10.4 15.6
70 9.3 7.5 11.3



#38
Carbon Tetrachloride
Concen: 54.392 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion: 117 Resp: 420149
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.6
121 29.2 26.2 39.4

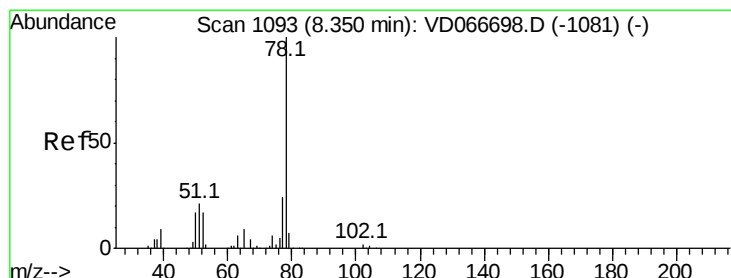
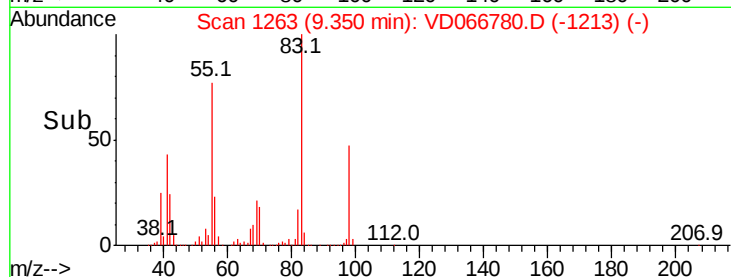
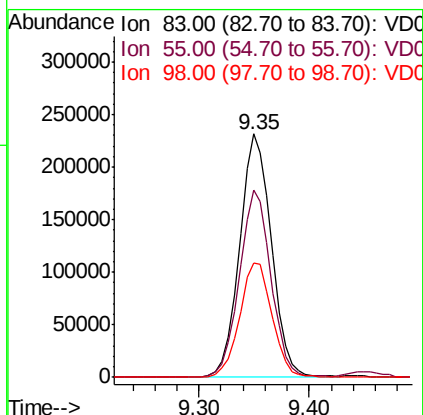
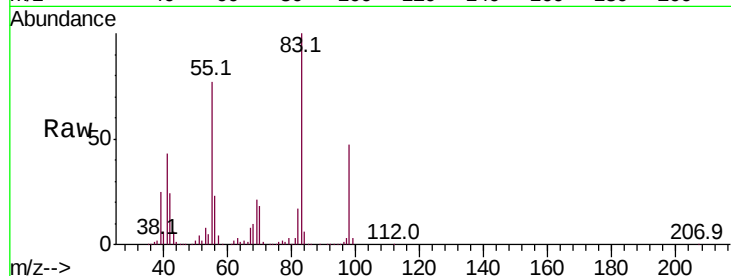




#39
Methvlcvclohexane
Concen: 56.448 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

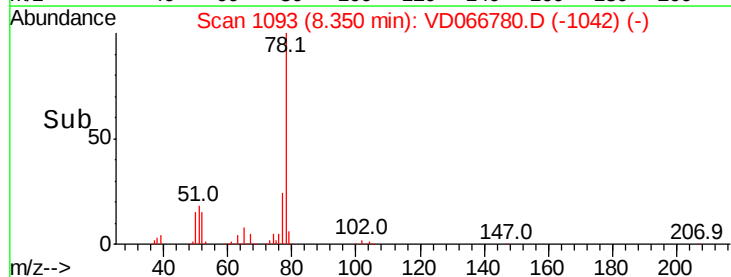
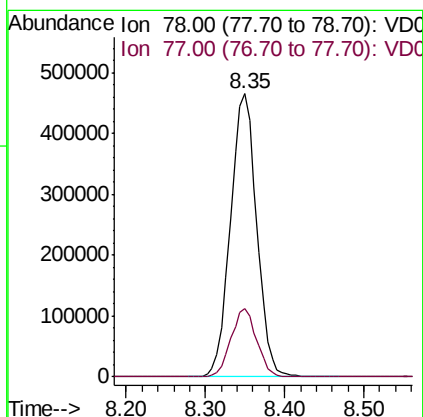
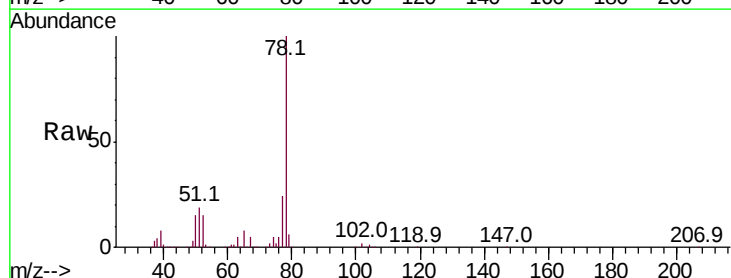
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

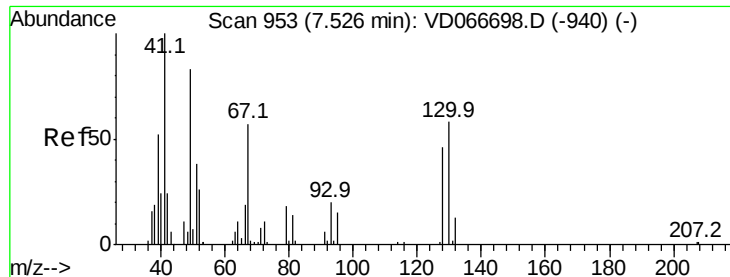
Tot Ion: 83 Resp: 469644
Ion Ratio Lower Upper
83 100
55 77.0 61.5 92.3
98 47.0 39.3 58.9



#40
Benzene
Concen: 54.184 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion: 78 Resp: 1066266
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9

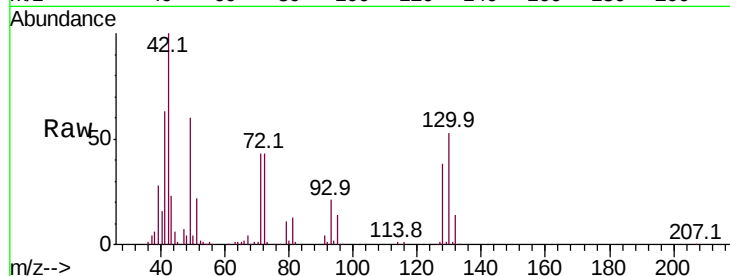




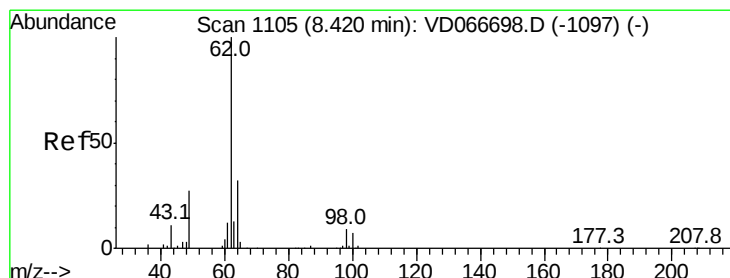
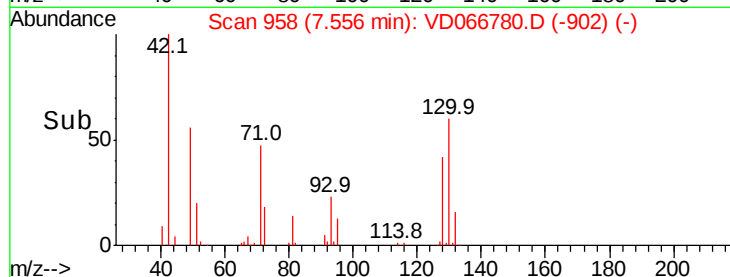
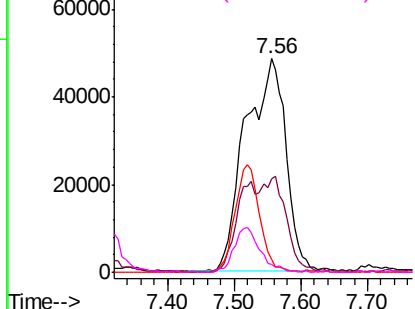
#41
Methacrylonitrile
Concen: 140.534 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 204875
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
67 0.0 62.3 93.5#
52 0.0 28.0 42.0#

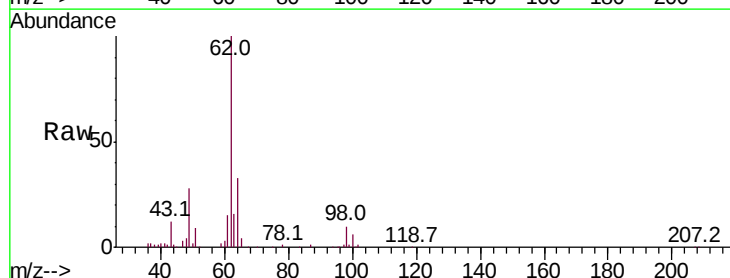


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

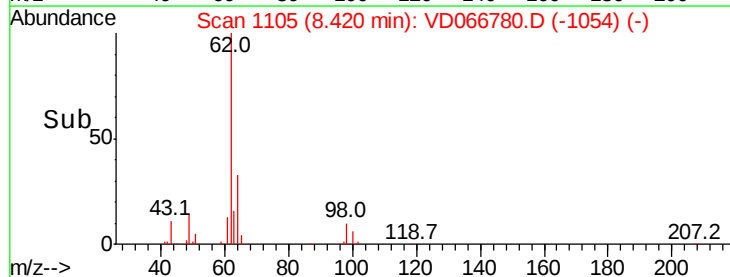
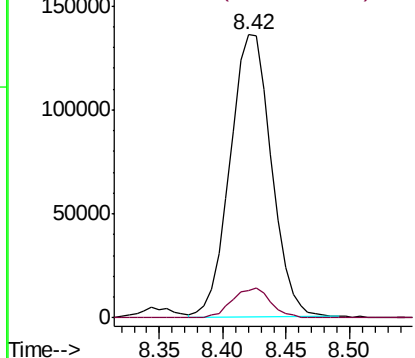


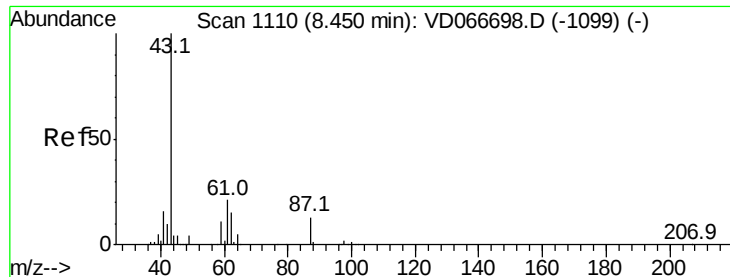
#42
1,2-Dichloroethane
Concen: 50.411 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion: 62 Resp: 307334
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 54.160 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

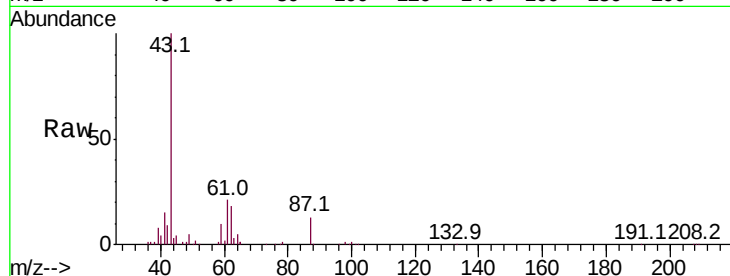
Tot Ion: 43 Resp: 280715

Ion Ratio Lower Upper

43 100

61 31.2 24.8 37.2

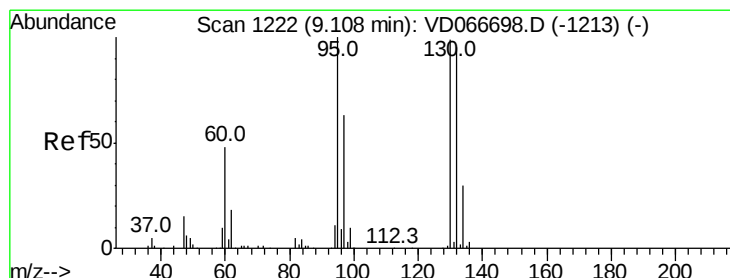
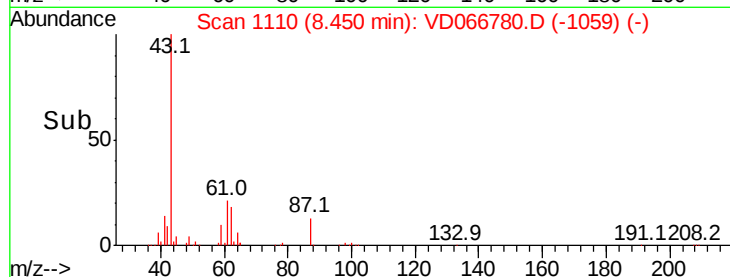
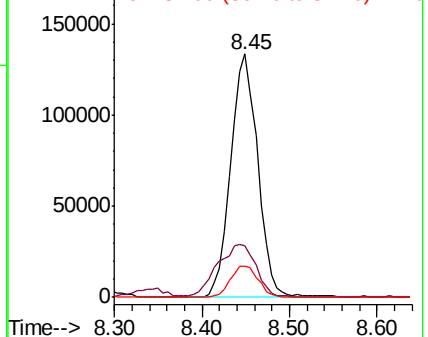
87 13.3 10.4 15.6



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: 57.027 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066780.D

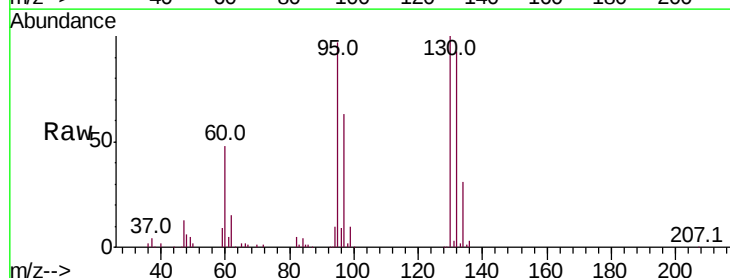
Acq: 21 Sep 2020 13:57

Tgt Ion:130 Resp: 300045

Ion Ratio Lower Upper

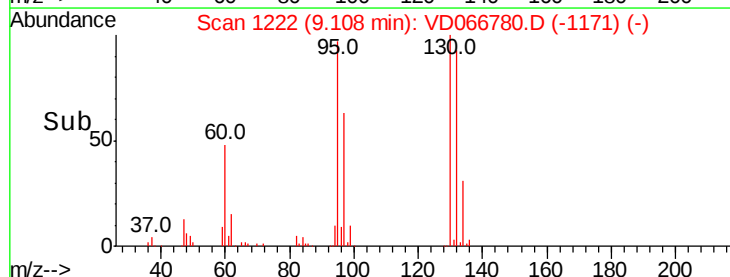
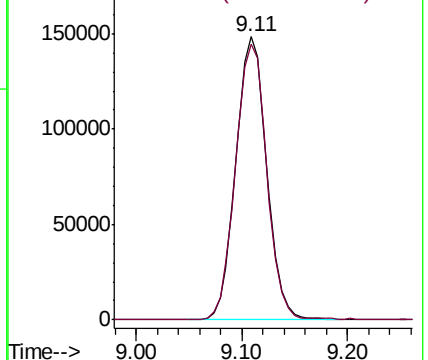
130 100

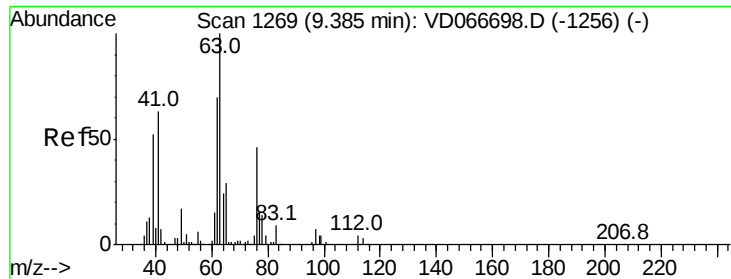
95 97.2 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 54.285 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

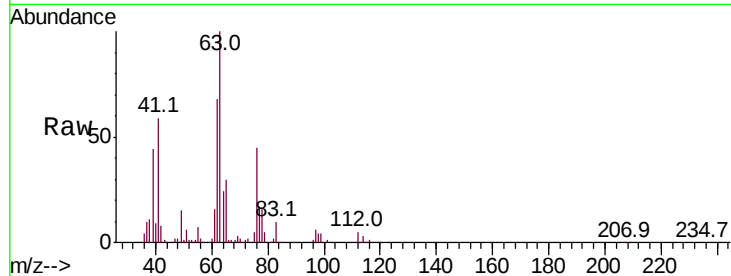
VSTDCCC050

Tot Ion: 63 Resp: 264090

Ion Ratio Lower Upper

63 100

65 29.5 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

150000

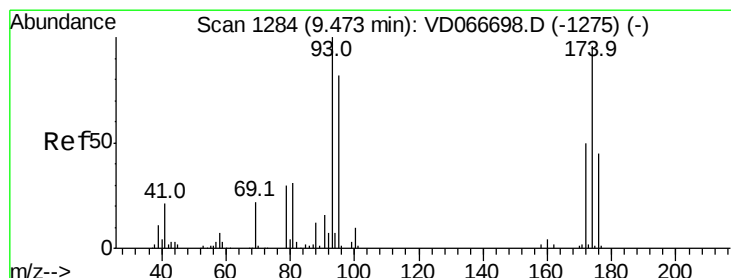
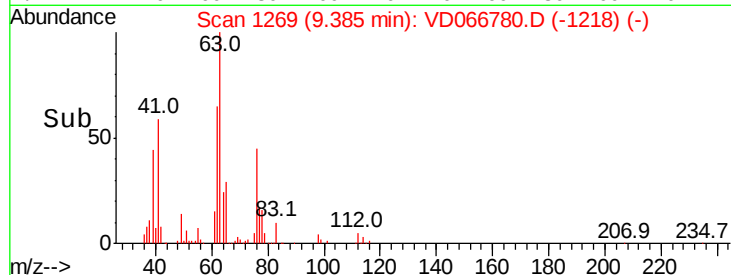
100000

50000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 54.786 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

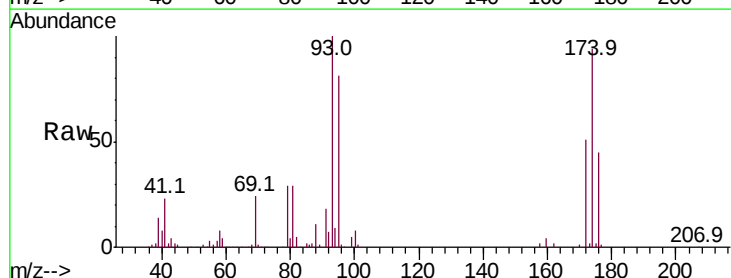
Tgt Ion: 93 Resp: 146457

Ion Ratio Lower Upper

93 100

95 83.8 66.0 99.0

174 93.7 72.3 108.5



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

100000

80000

60000

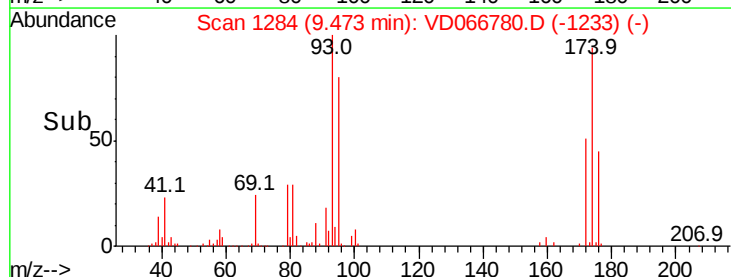
40000

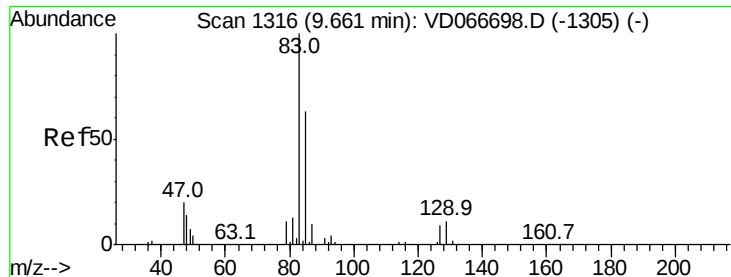
20000

0

9.40 9.45 9.50 9.55

Time-->

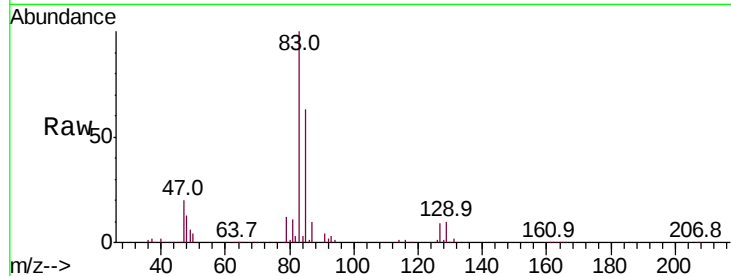




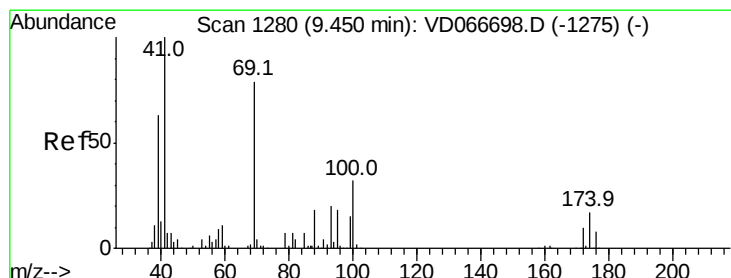
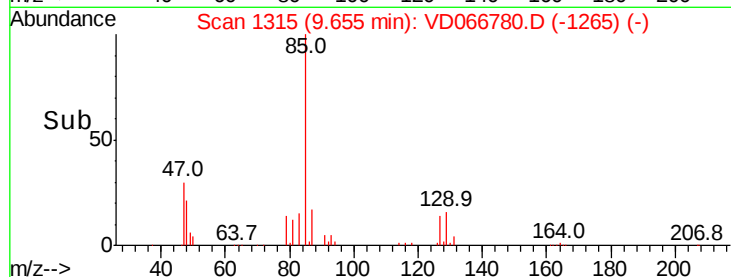
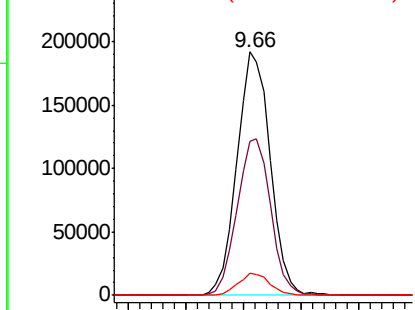
#47
Bromodichloromethane
Concen: 52.764 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 384359
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 9.1 6.9 10.3

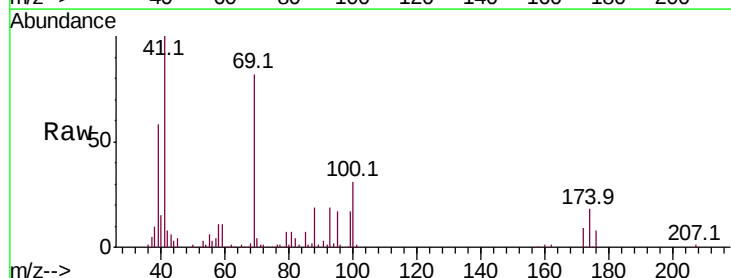


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

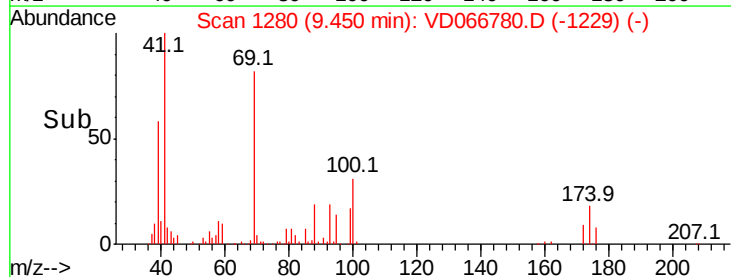
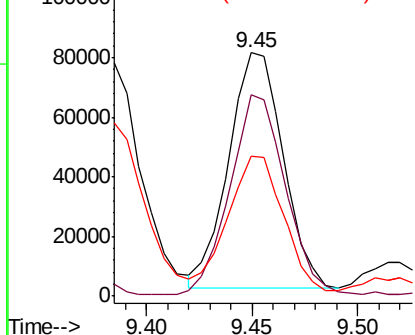


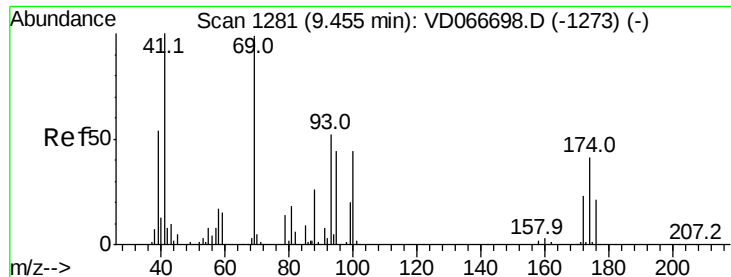
#48
Methyl methacrylate
Concen: 53.234 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion: 41 Resp: 140345
Ion Ratio Lower Upper
41 100
69 87.2 62.4 93.6
39 58.6 44.8 67.2



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

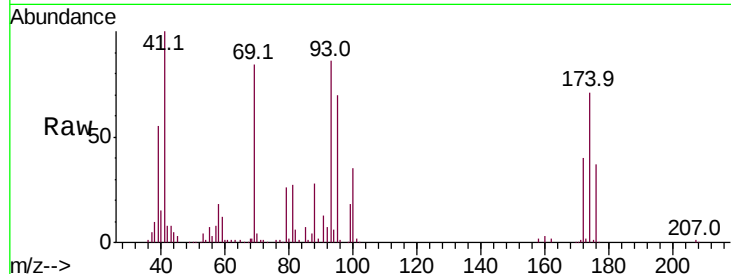




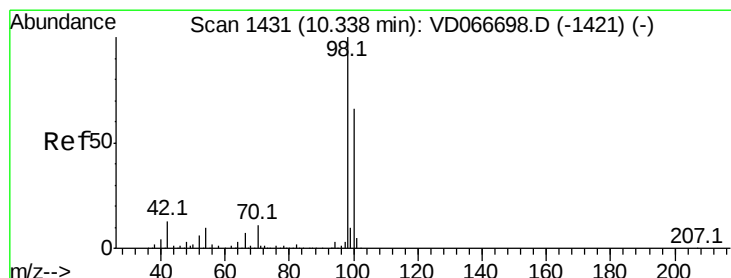
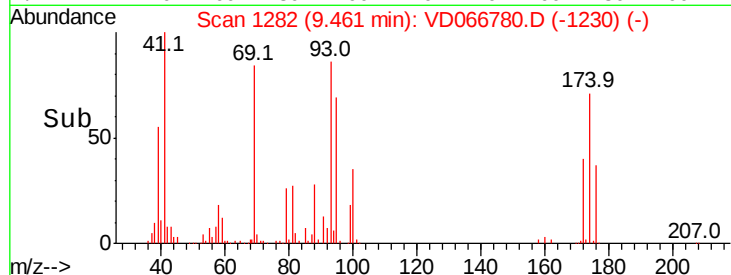
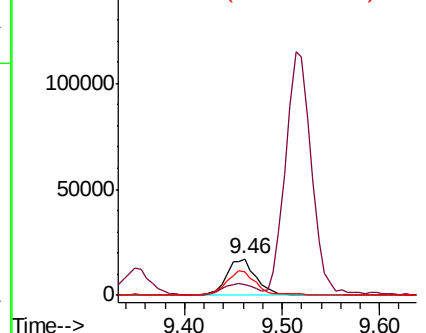
#49
1,4-Dioxane
Concen: 1254.640 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 35928
Ion Ratio Lower Upper
88 100
43 35.2 29.3 43.9
58 65.8 51.4 77.2

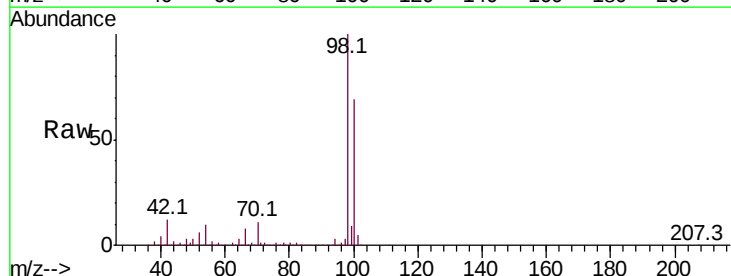


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

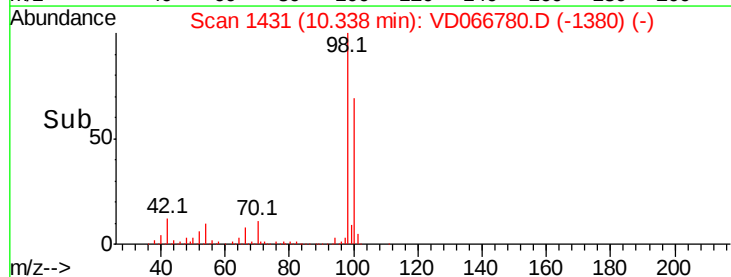
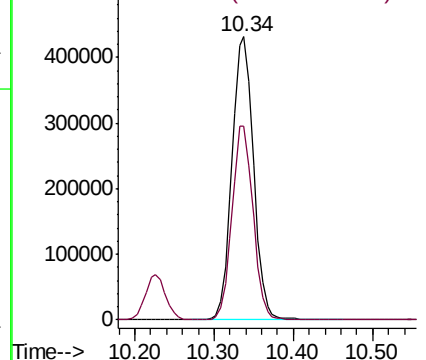


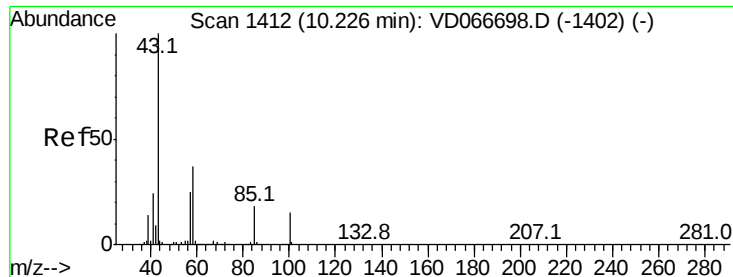
#50
Toluene-d8
Concen: 52.397 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion: 98 Resp: 809703
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 276.807 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

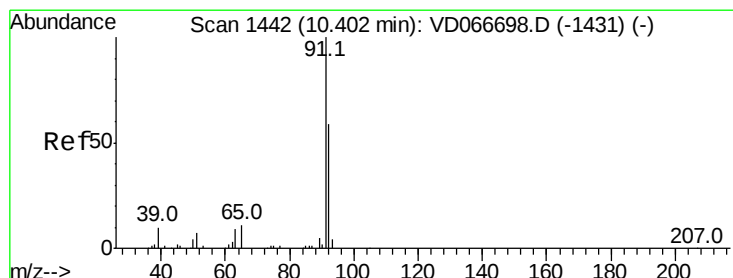
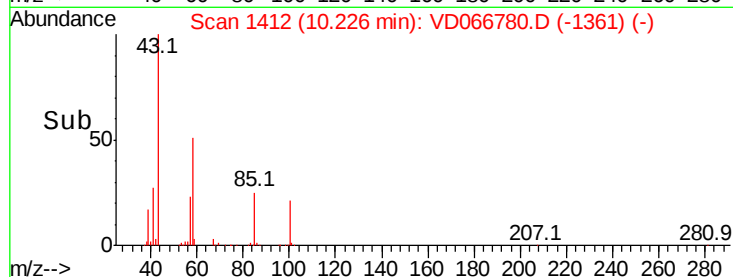
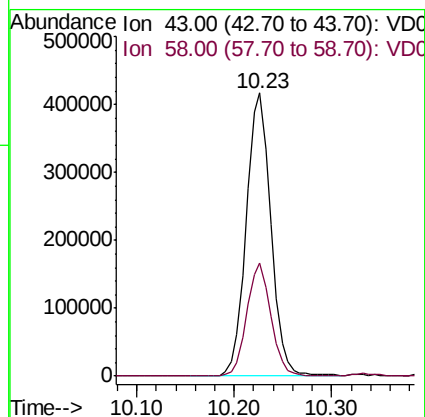
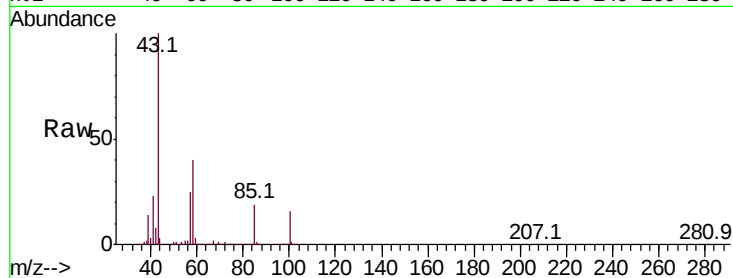
VSTDCCC050

Tot Ion: 43 Resp: 738631

Ion Ratio Lower Upper

43 100

58 39.0 30.4 45.6



#52

Toluene

Concen: 56.002 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066780.D

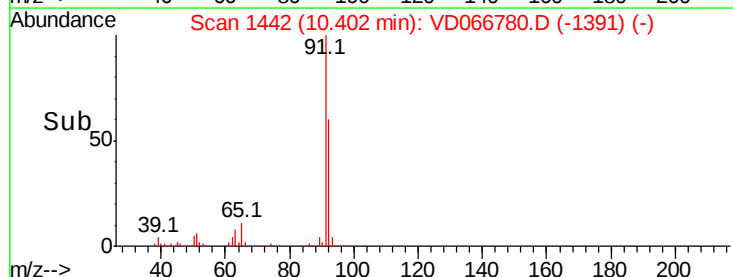
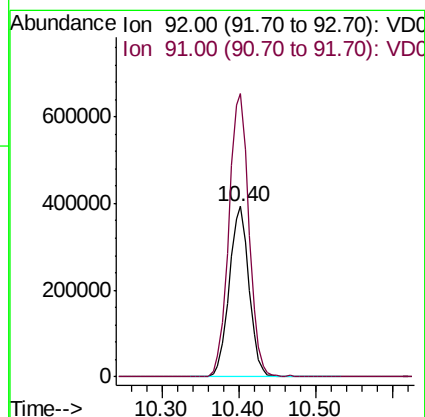
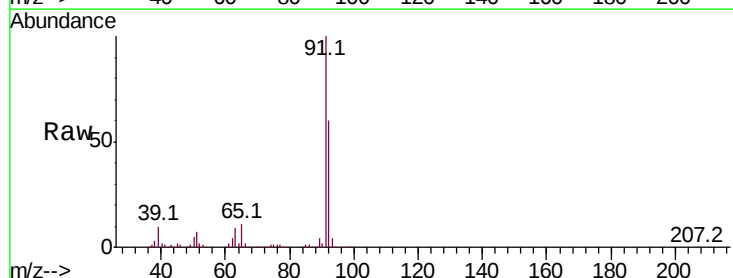
Acq: 21 Sep 2020 13:57

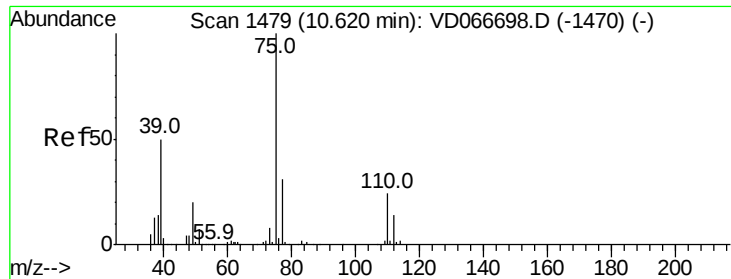
Tgt Ion: 92 Resp: 705981

Ion Ratio Lower Upper

92 100

91 169.0 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 53.509 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

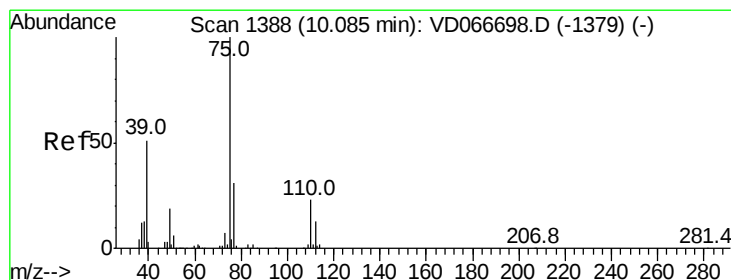
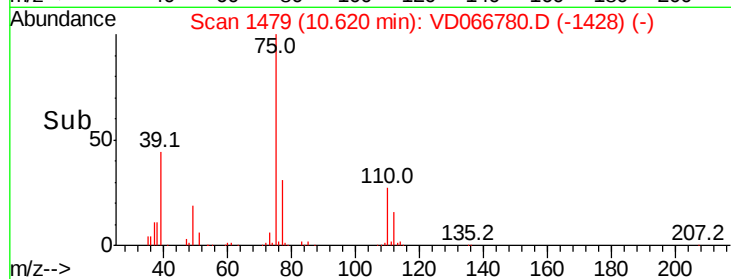
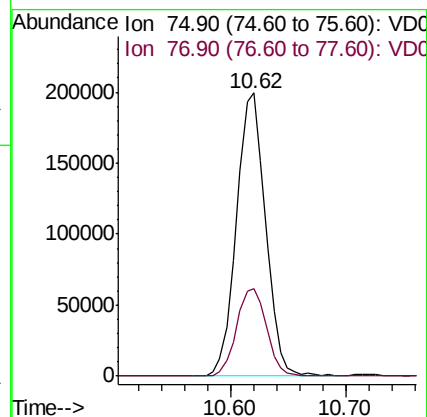
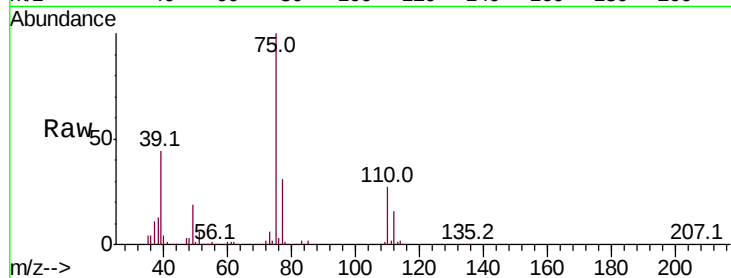
VSTDCCC050

Tot Ion: 75 Resp: 348207

Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 52.250 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

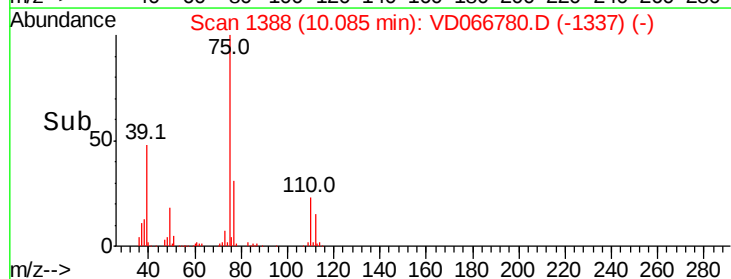
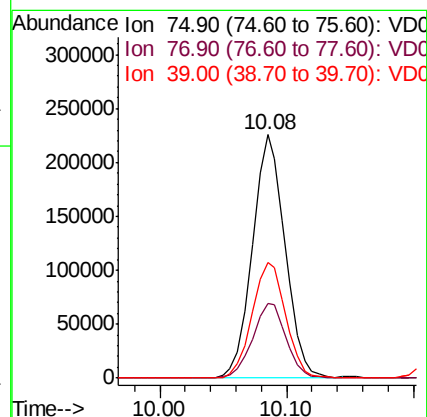
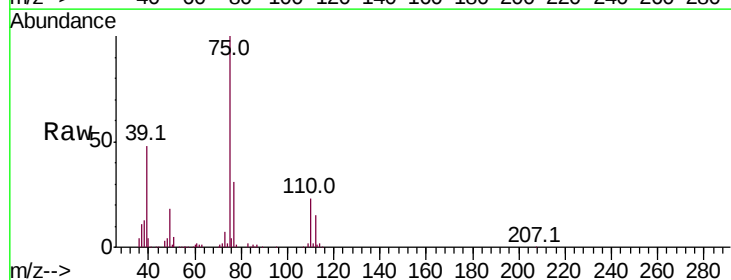
Tgt Ion: 75 Resp: 403851

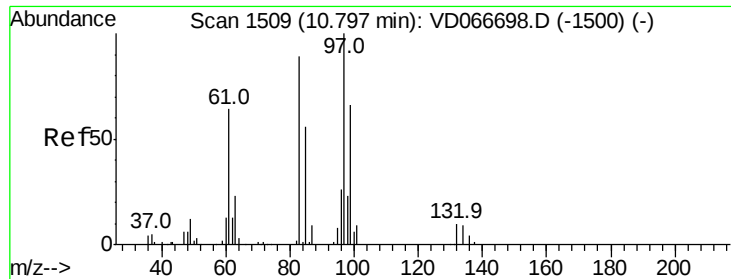
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 47.5 40.6 61.0





#55

1,1,2-Trichloroethane

Concen: 55.846 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 196836

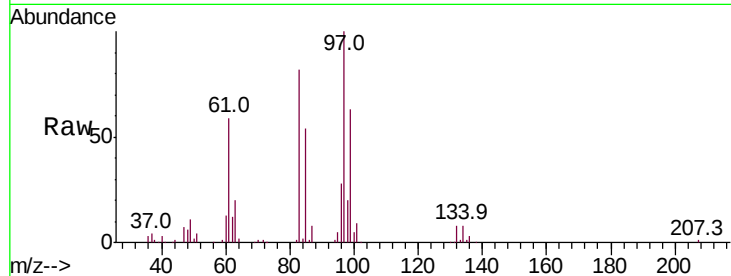
Ion Ratio Lower Upper

97 100

83 81.7 71.4 107.2

85 54.3 44.7 67.1

99 62.7 52.4 78.6

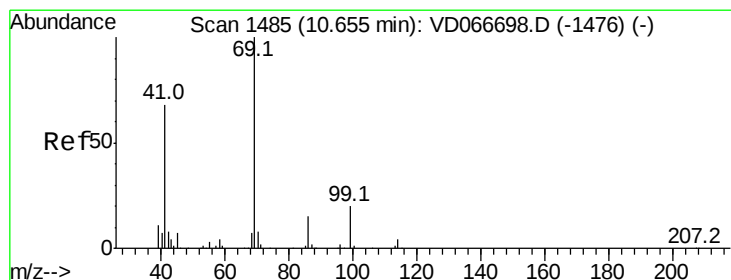
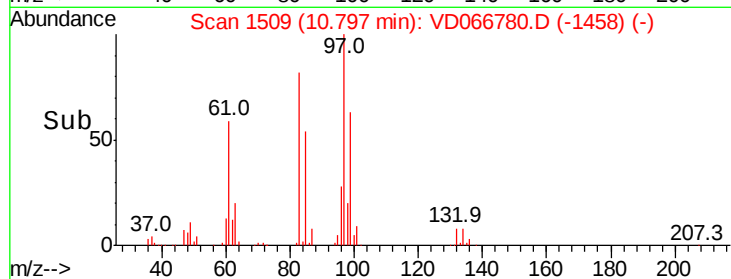
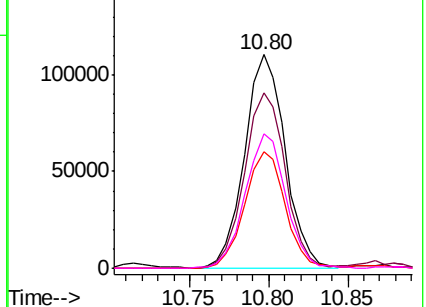


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 59.818 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

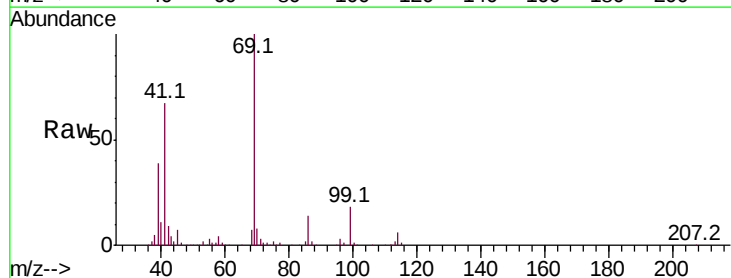
Tgt Ion: 69 Resp: 239258

Ion Ratio Lower Upper

69 100

41 64.9 55.5 83.3

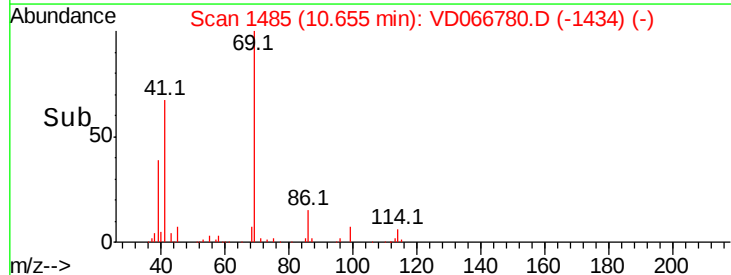
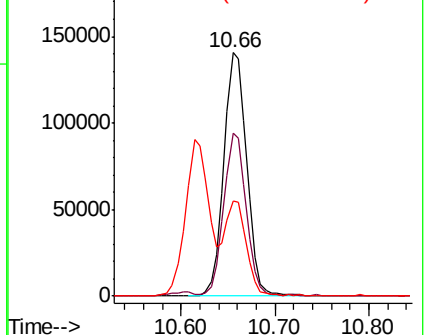
39 37.9 29.7 44.5

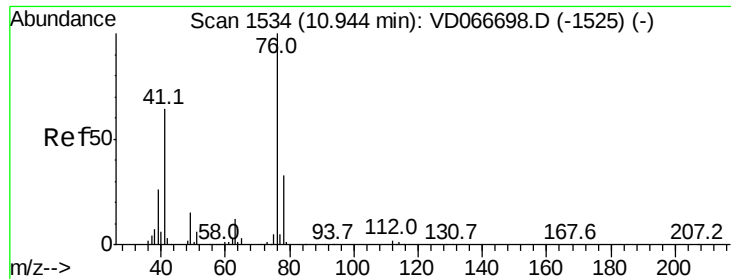


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 53.383 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

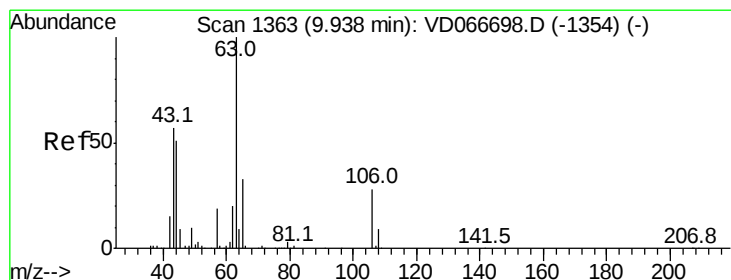
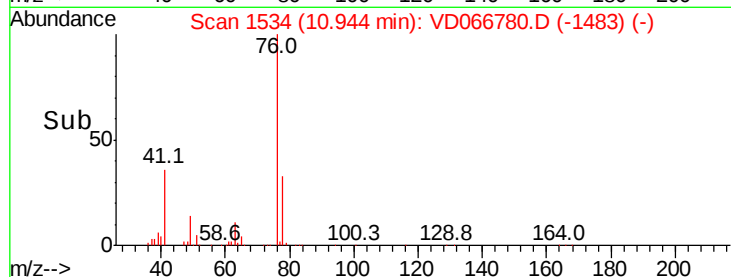
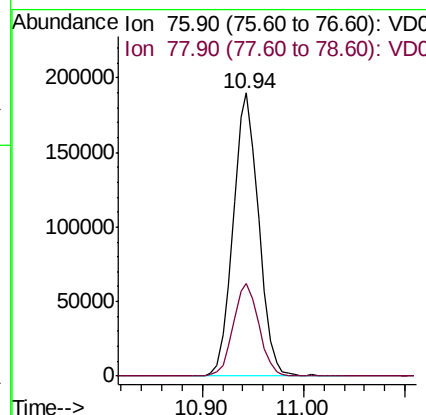
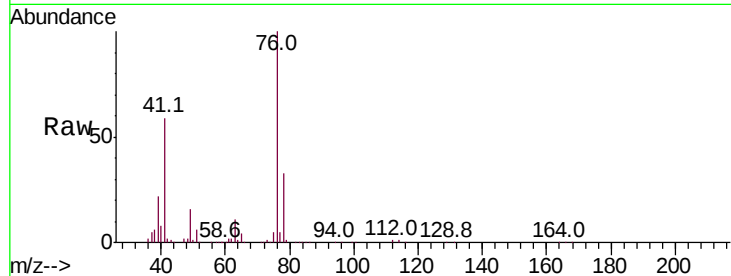
Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 330198

Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 256.489 ug/l

RT: 9.94 min Scan# 1363

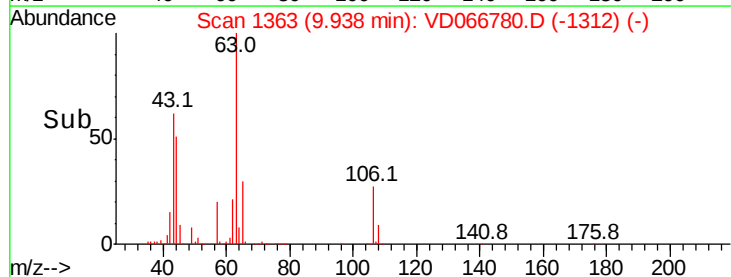
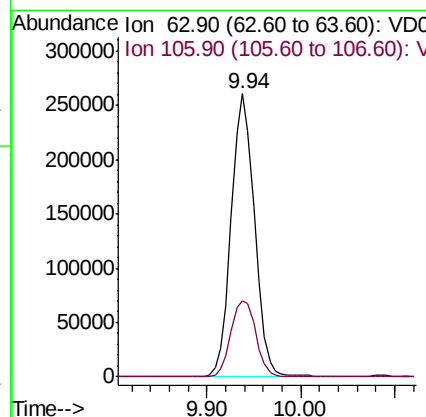
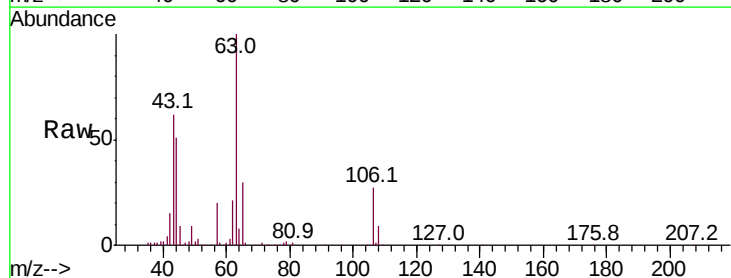
Delta R.T. -0.00 min

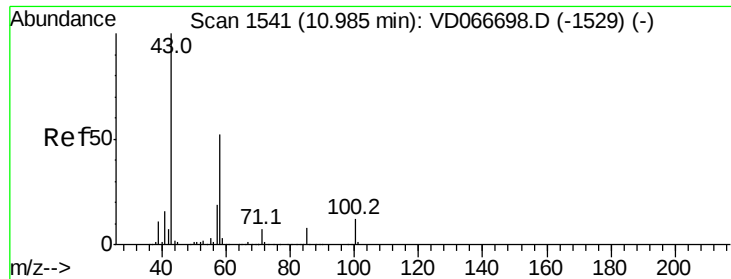
Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Tgt Ion: 63 Resp: 450567

Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.2	33.4

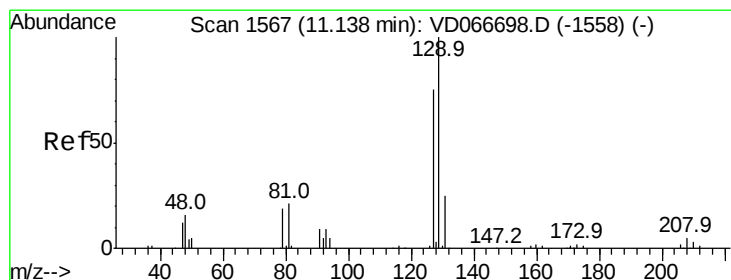
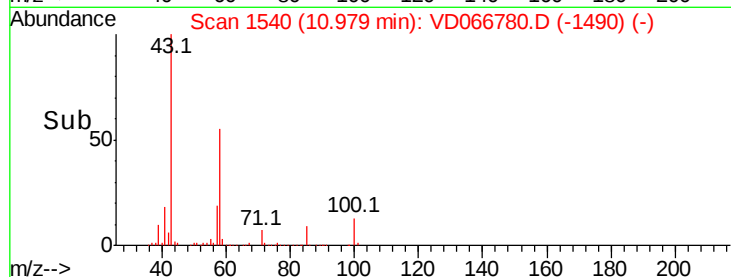
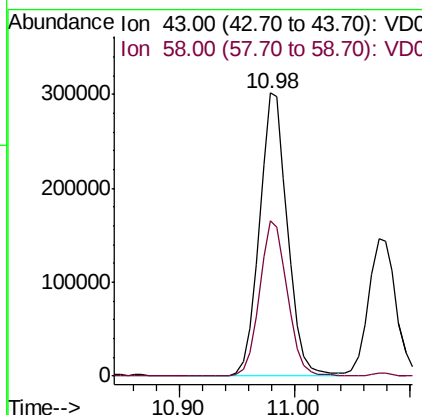
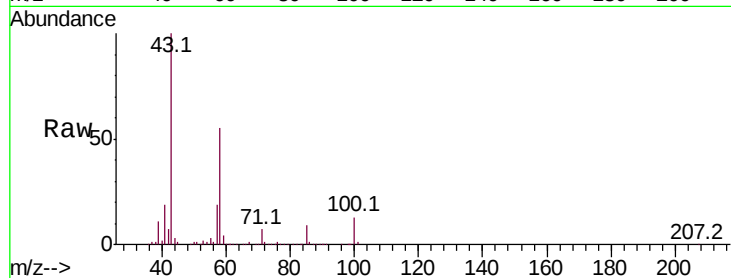




#59
2-Hexanone
Concen: 284.525 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

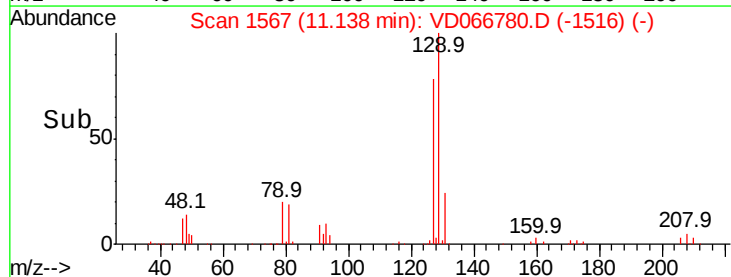
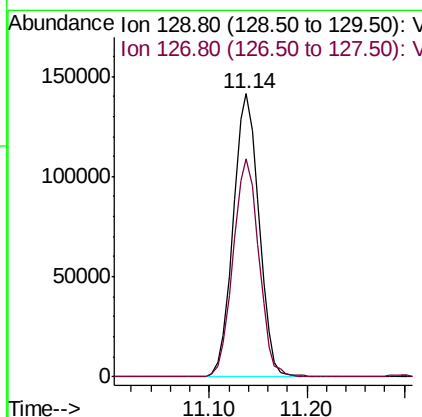
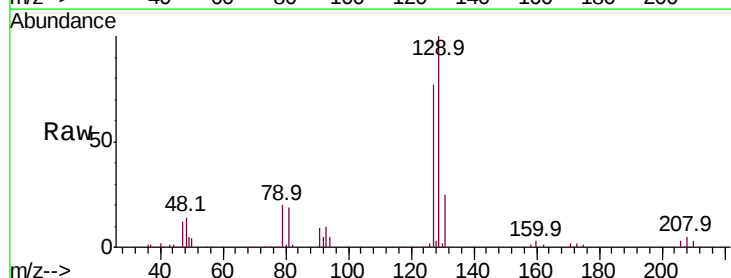
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

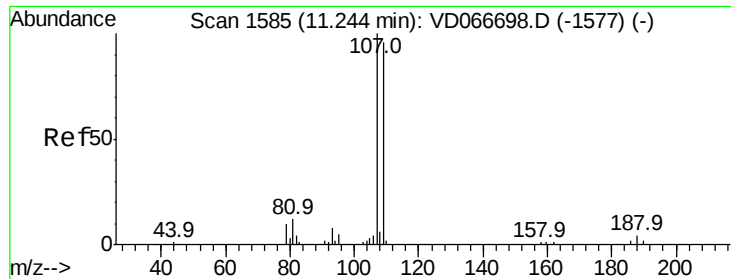
Tot Ion: 43 Resp: 510135
Ion Ratio Lower Upper
43 100
58 54.3 26.2 78.5



#60
Dibromochloromethane
Concen: 56.350 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion: 129 Resp: 258792
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3

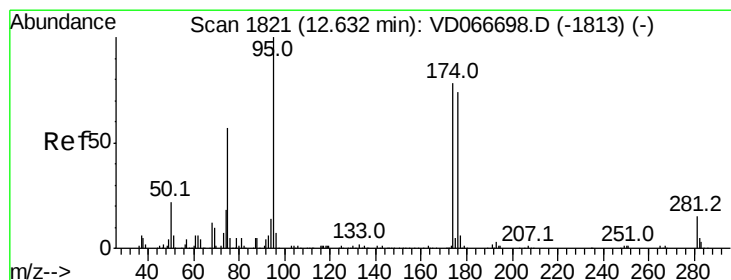
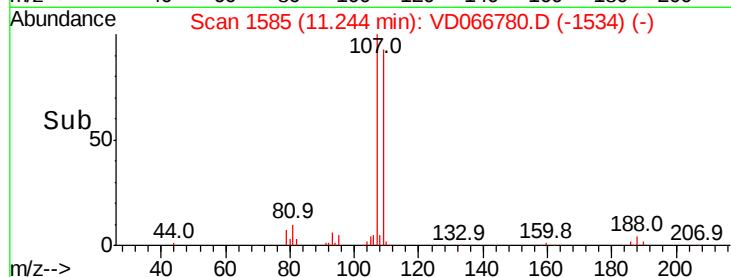
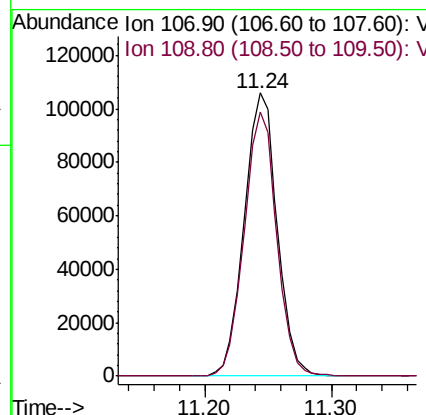
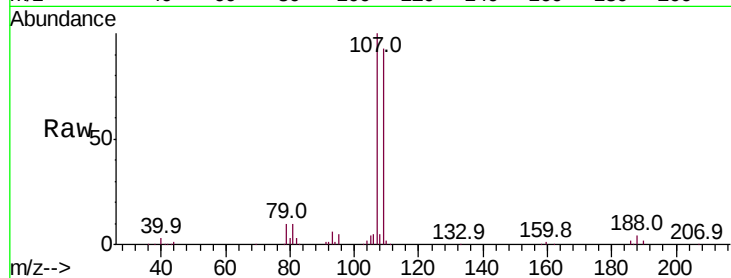




#61
 1,2-Dibromoethane
 Concen: 56.410 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

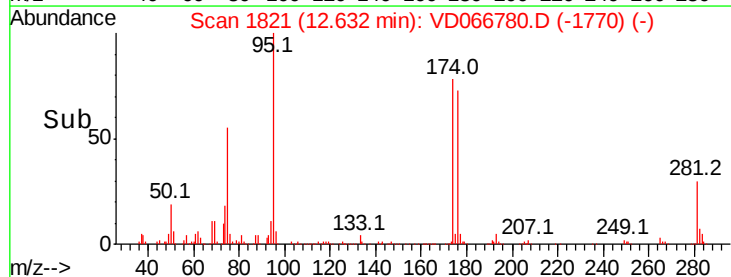
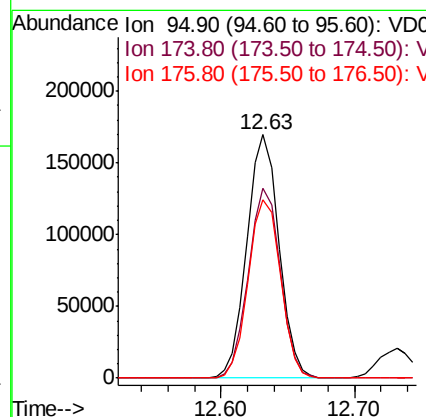
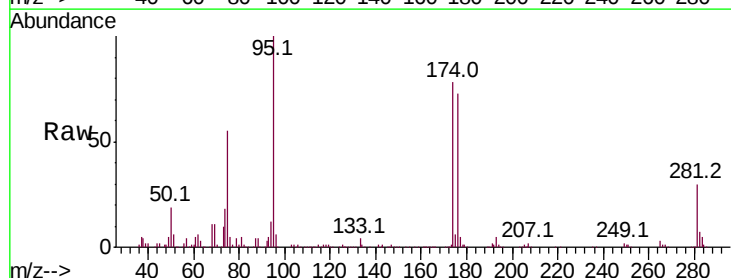
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

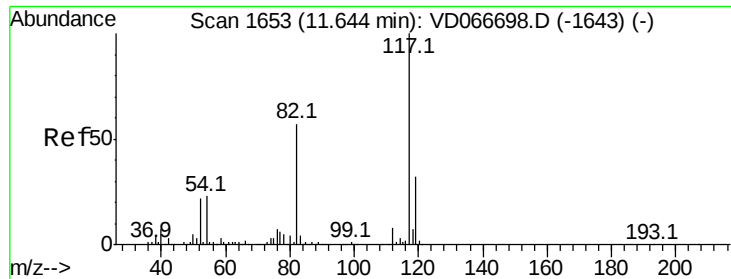
Tot Ion:107 Resp: 190725
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 52.768 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Tgt Ion: 95 Resp: 281481
 Ion Ratio Lower Upper
 95 100
 174 77.5 0.0 156.6
 176 73.7 0.0 150.2

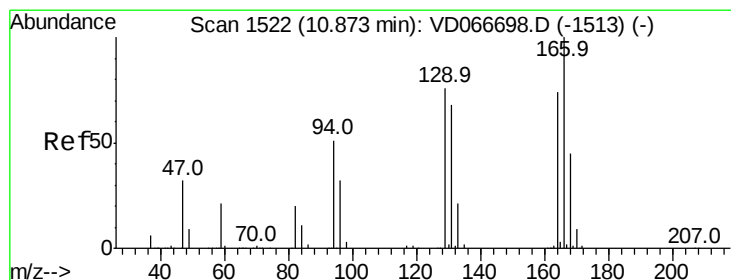
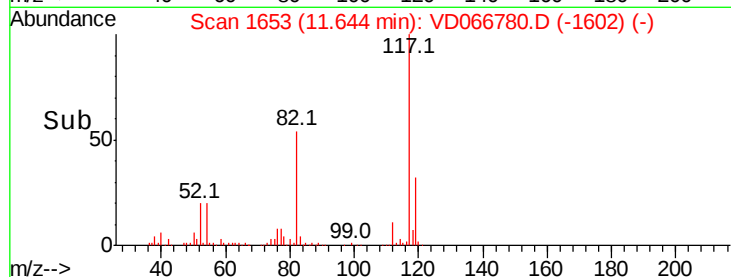
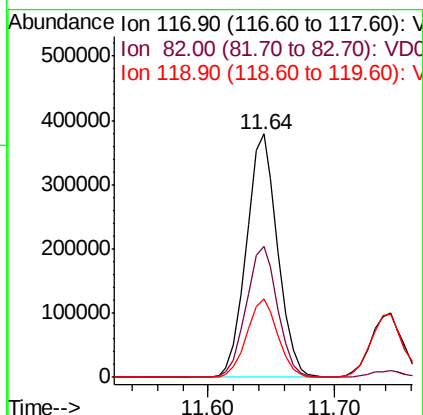
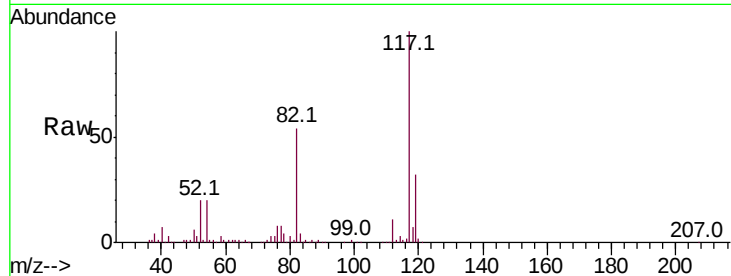




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

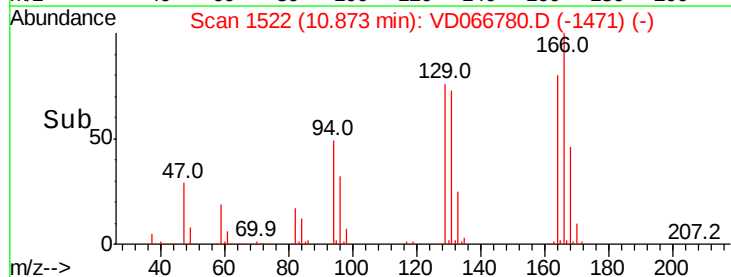
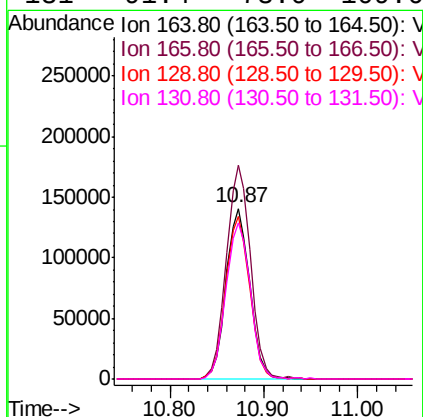
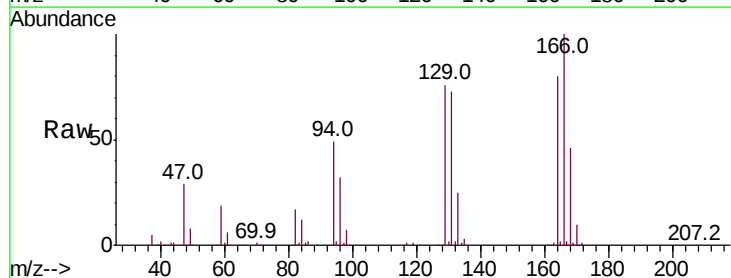
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

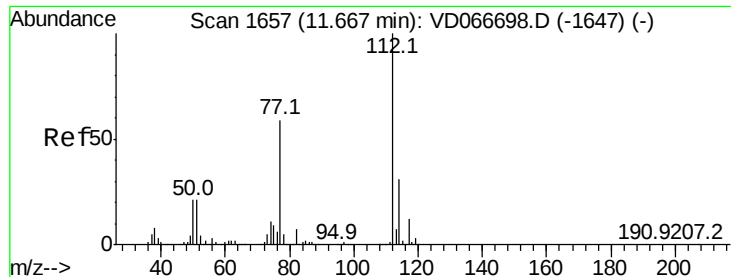
Tot Ion:117 Resp: 647783
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.0
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 55.975 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion:164 Resp: 247521
Ion Ratio Lower Upper
164 100
166 125.3 107.5 161.3
129 95.3 81.4 122.0
131 91.4 73.0 109.6





#65

Chlorobenzene

Concen: 53.814 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

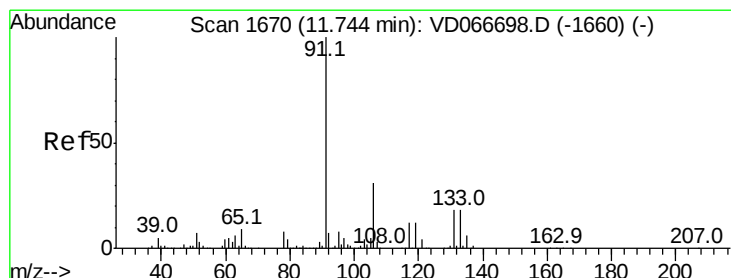
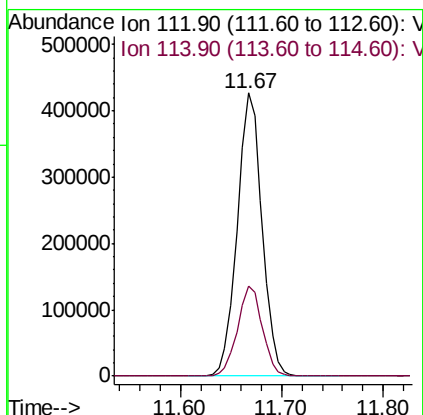
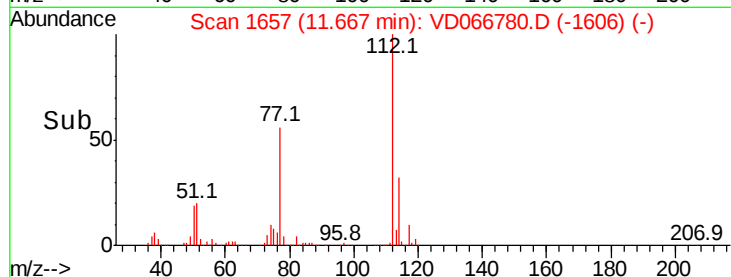
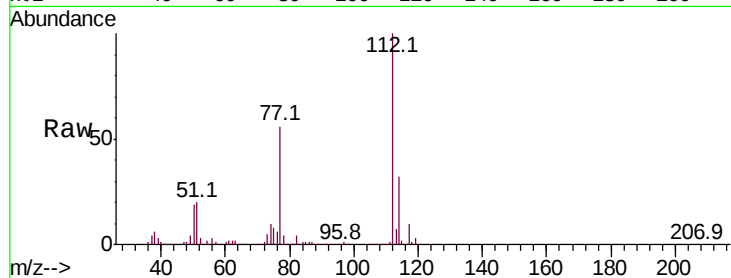
VSTDCCC050

Tot Ion:112 Resp: 721745

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.077 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

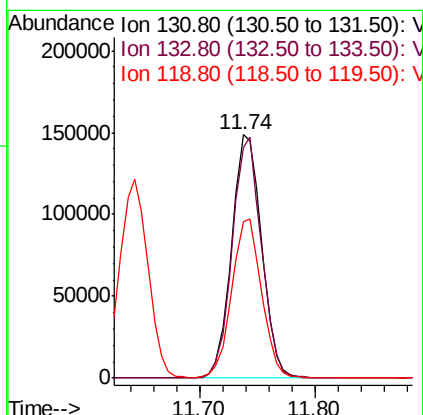
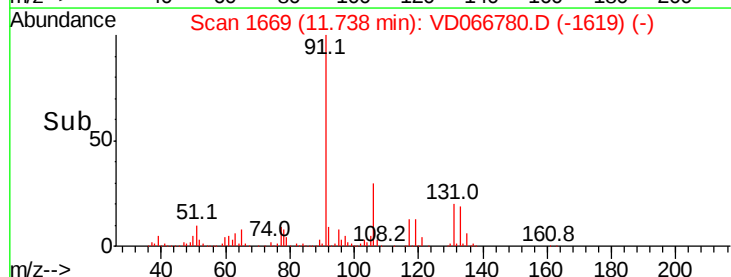
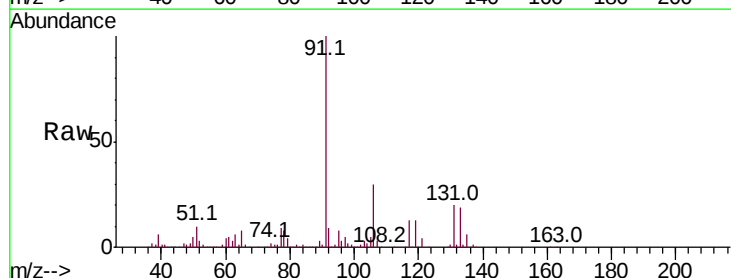
Tgt Ion:131 Resp: 267601

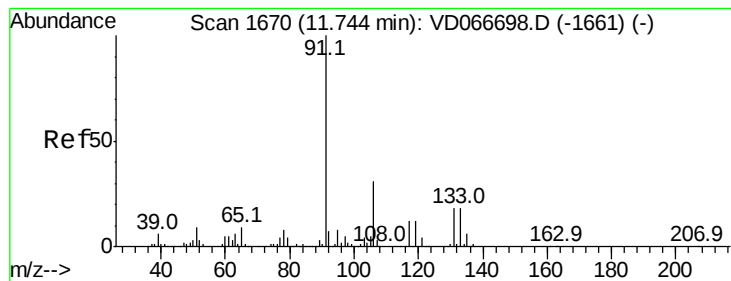
Ion Ratio Lower Upper

131 100

133 96.4 47.8 143.3

119 65.2 33.6 100.8





#67

Ethyl Benzene

Concen: 54.199 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

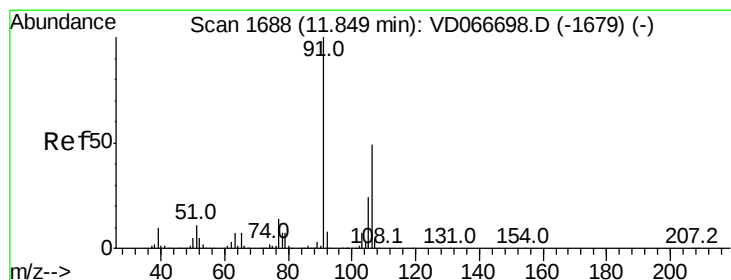
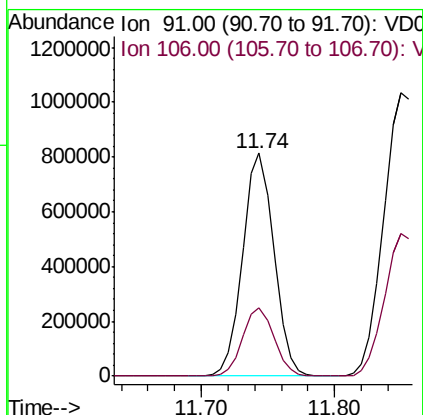
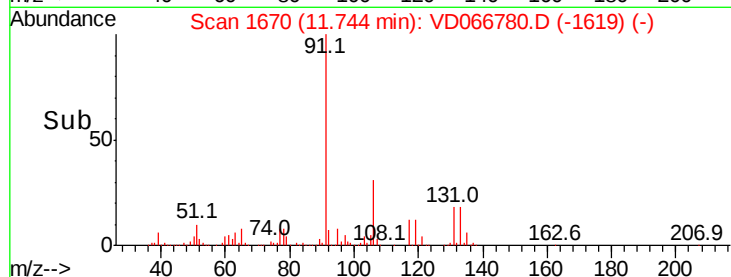
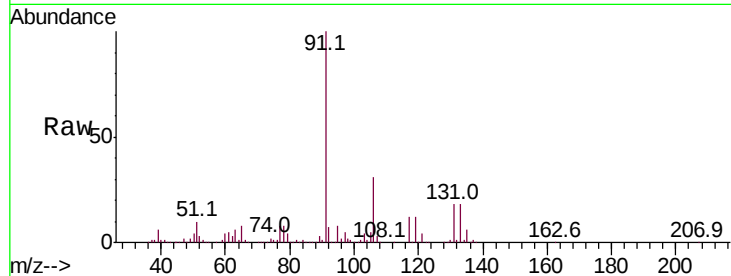
VSTDCCC050

Tot Ion: 91 Resp: 1316658

Ion Ratio Lower Upper

91 100

106 30.9 25.1 37.7



#68

m/p-Xylenes

Concen: 109.405 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066780.D

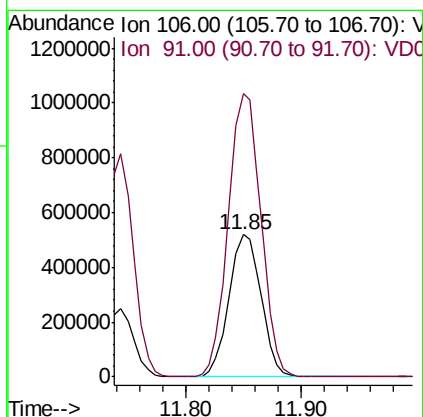
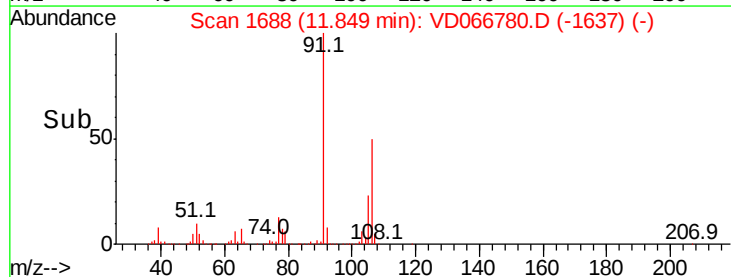
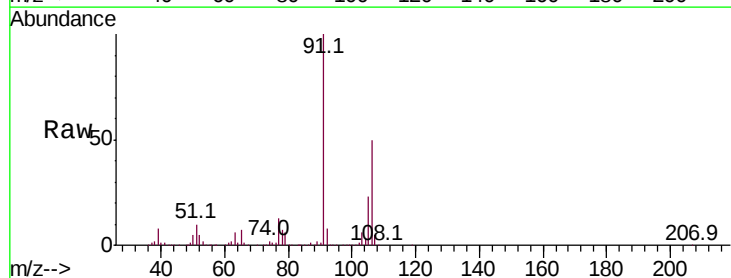
Acq: 21 Sep 2020 13:57

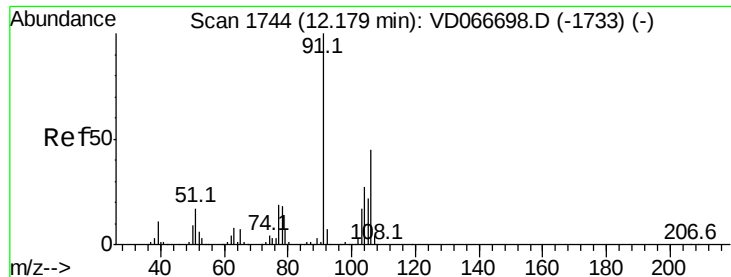
Tgt Ion: 106 Resp: 1004509

Ion Ratio Lower Upper

106 100

91 202.2 164.8 247.2

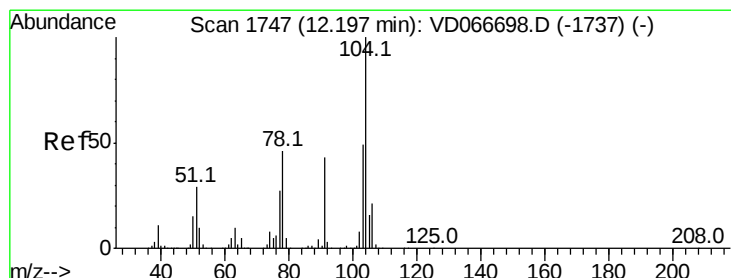
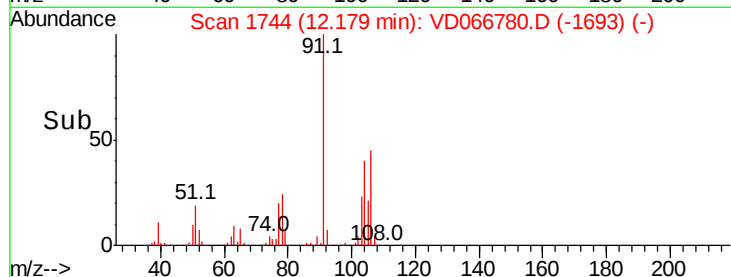
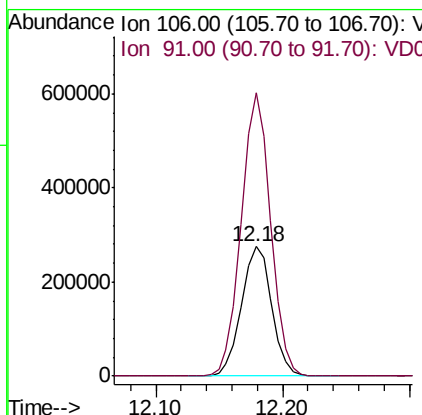
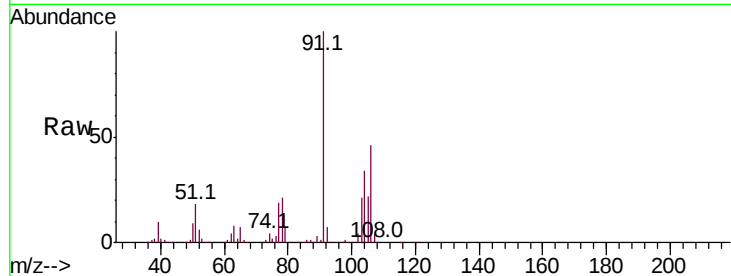




#69
o-Xylene
Concen: 56.024 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

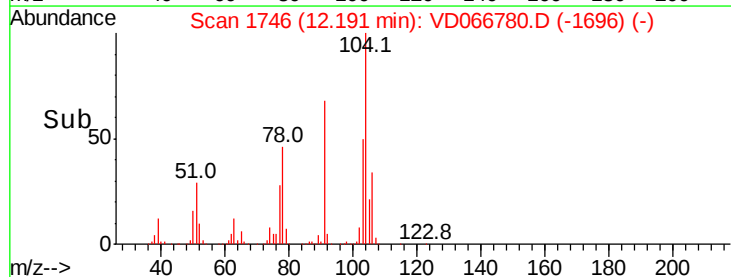
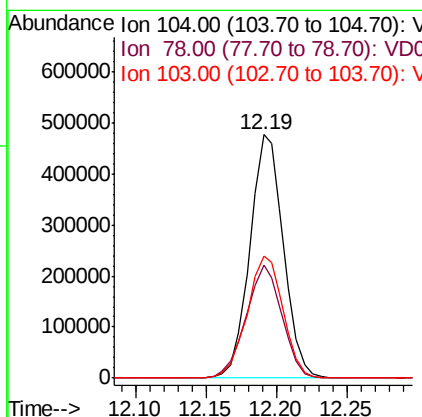
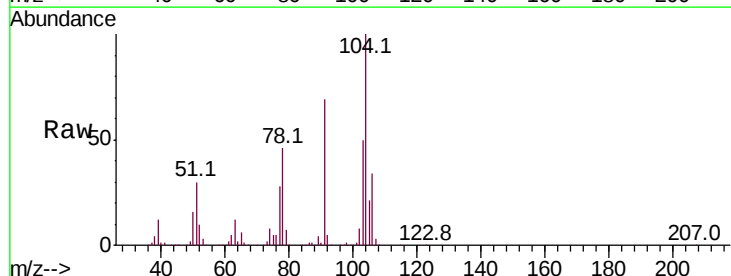
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

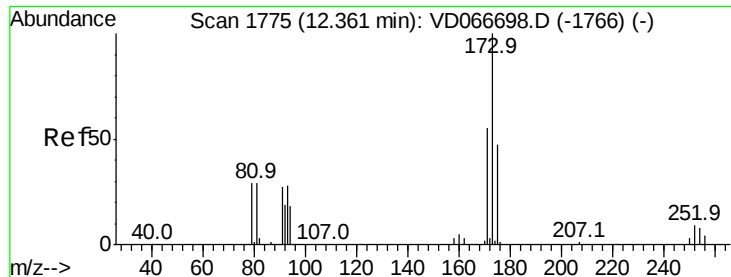
Tot Ion:106 Resp: 454563
Ion Ratio Lower Upper
106 100
91 212.9 109.4 328.2



#70
Styrene
Concen: 55.693 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion:104 Resp: 795332
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.4
103 54.0 42.5 63.7





#71

Bromoform

Concen: 56.192 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

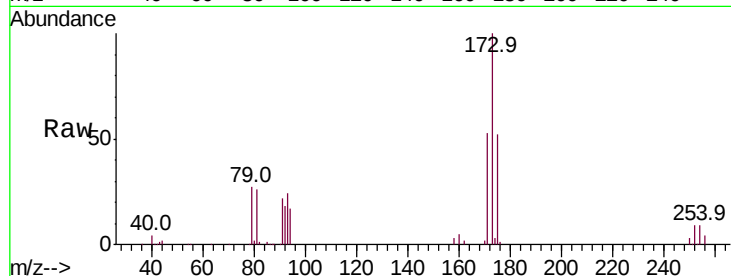
Tot Ion:173 Resp: 139550

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

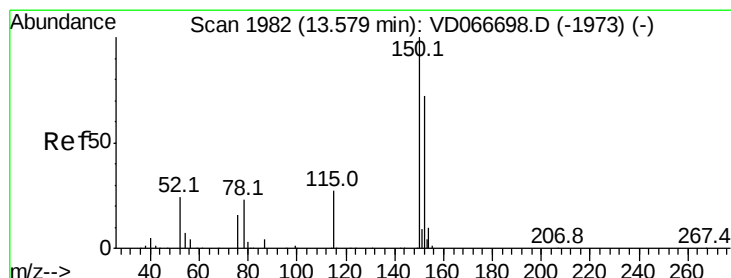
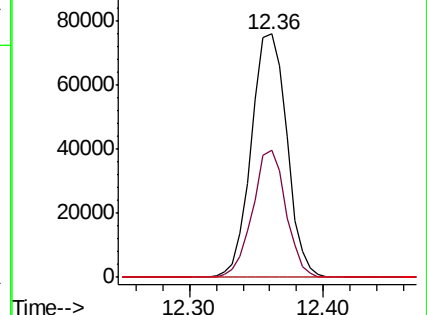
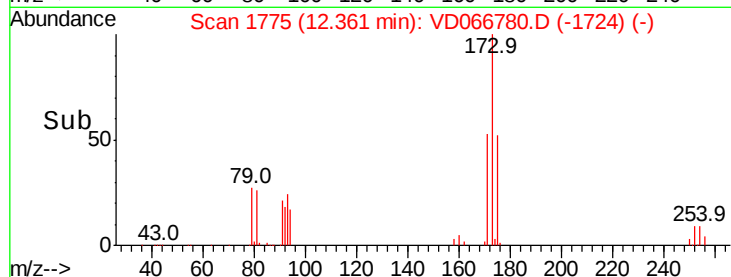
254 0.0 0.1 0.1#



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: VD066780.D

Acq: 21 Sep 2020 13:57

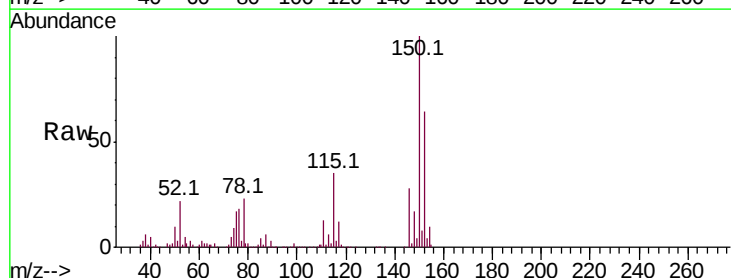
Tgt Ion:152 Resp: 297064

Ion Ratio Lower Upper

152 100

115 59.5 30.5 91.5

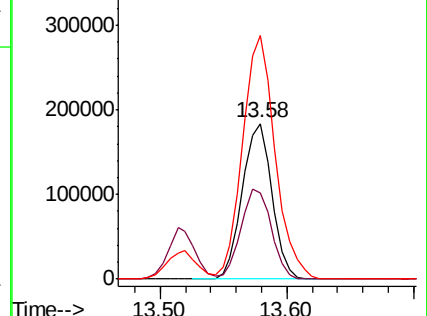
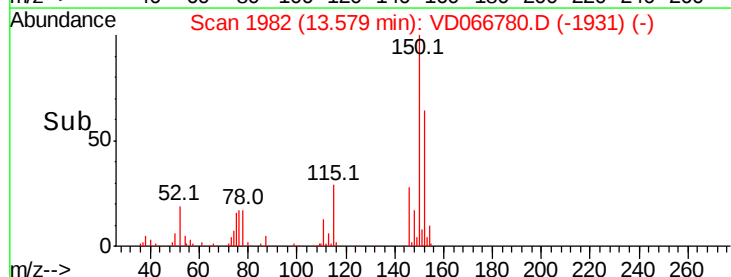
150 172.1 0.0 344.6

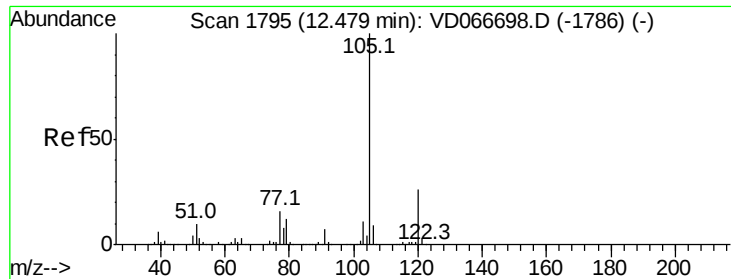


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.843 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

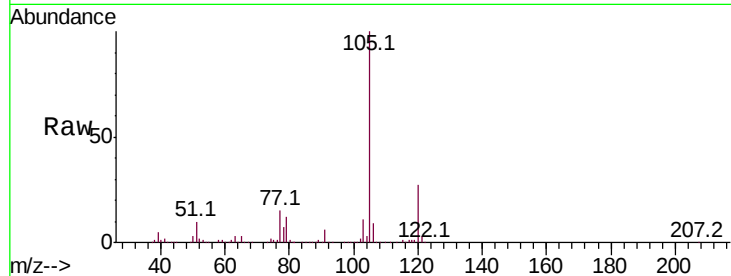
VSTDCCC050

Tot Ion:105 Resp: 1260587

Ion Ratio Lower Upper

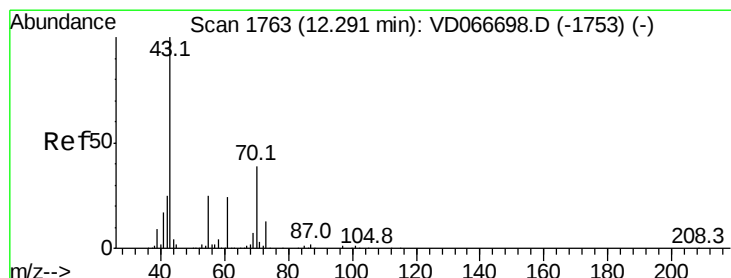
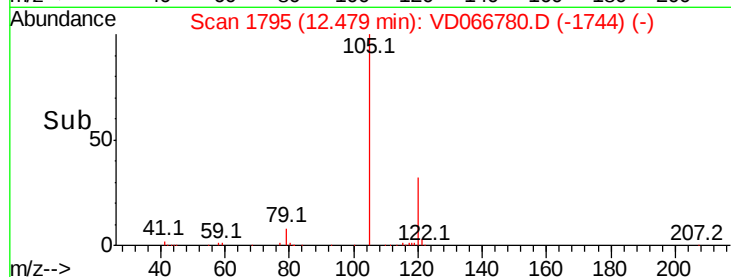
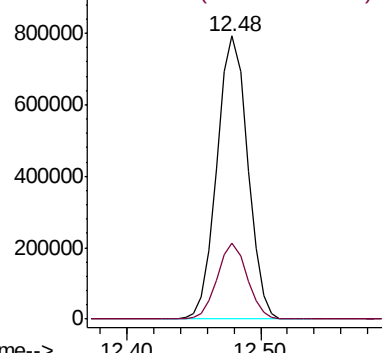
105 100

120 26.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.378 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Tgt Ion: 43 Resp: 259060

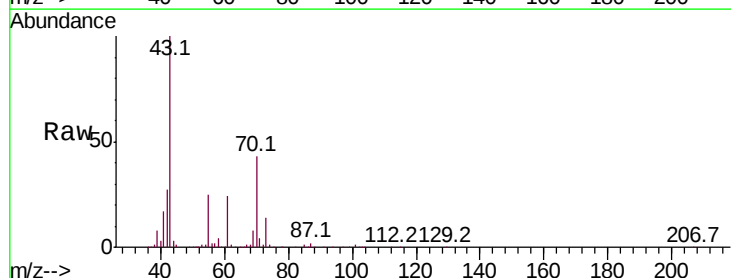
Ion Ratio Lower Upper

43 100

70 43.8 33.0 49.4

55 26.4 20.6 30.8

61 23.6 19.1 28.7

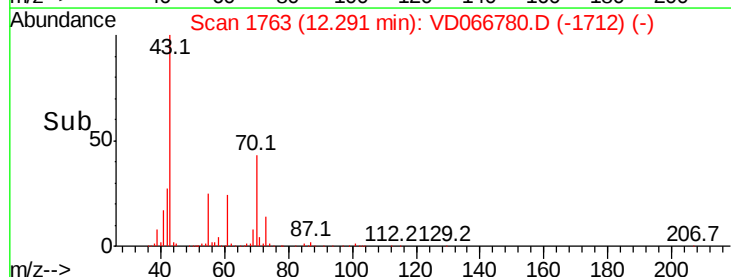
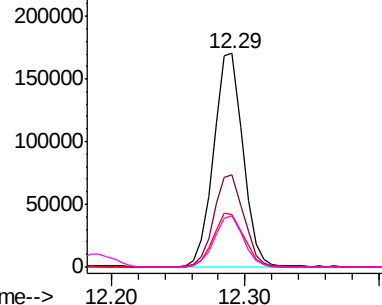


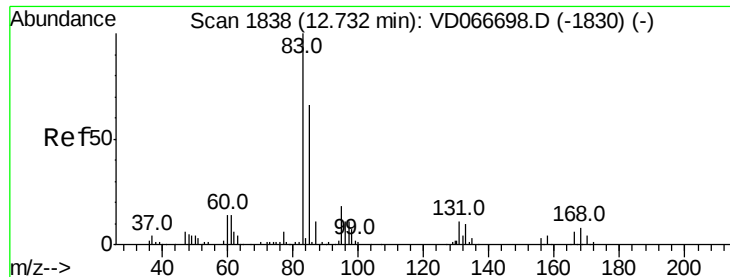
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 54.671 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

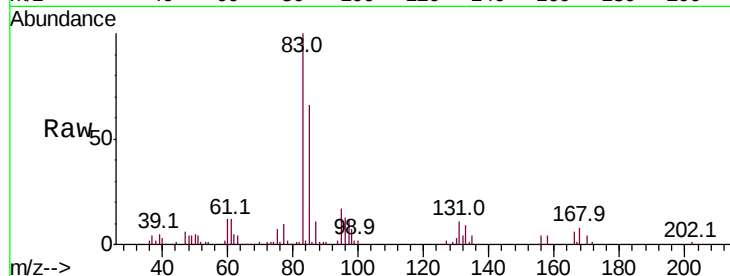
Tot Ion: 83 Resp: 206020

Ion Ratio Lower Upper

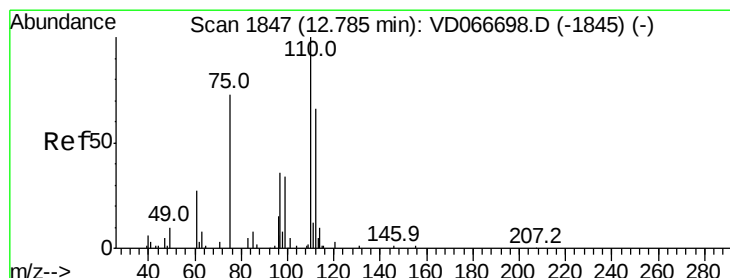
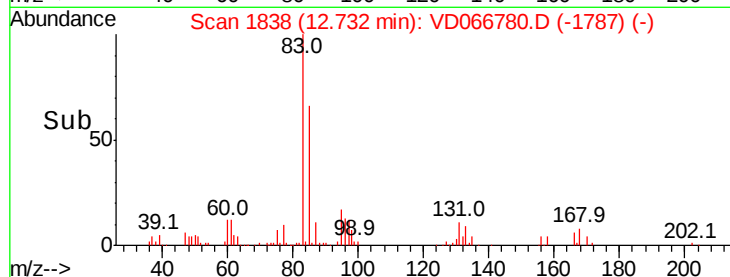
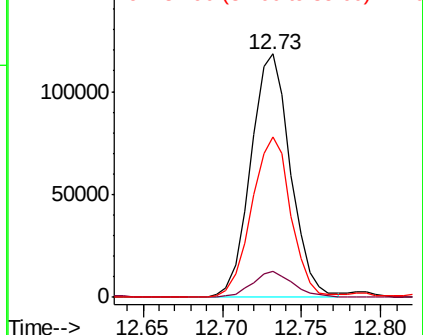
83 100

131 11.3 5.8 17.3

85 65.2 33.3 99.8



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: 112.893 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066780.D

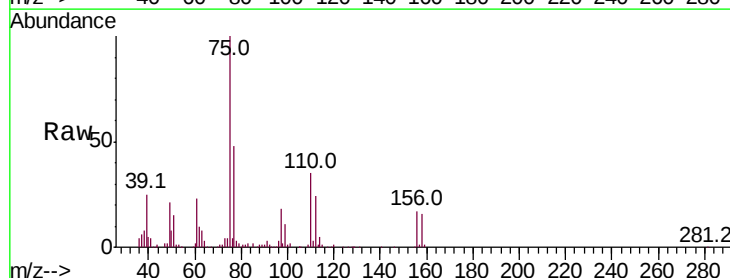
Acq: 21 Sep 2020 13:57

Tgt Ion: 75 Resp: 287058

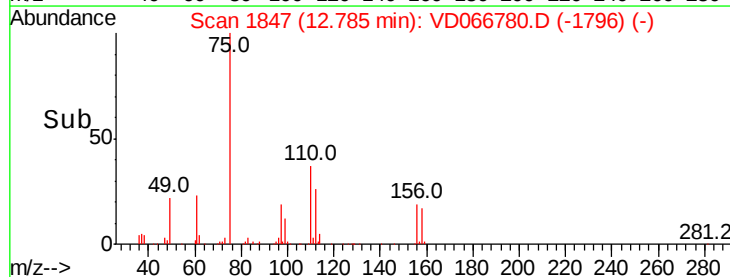
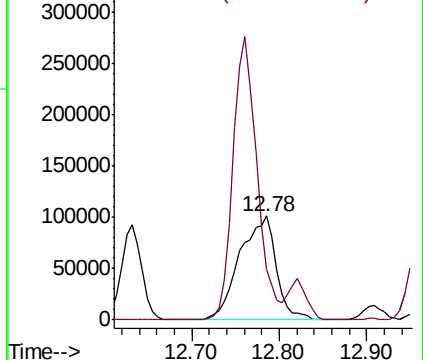
Ion Ratio Lower Upper

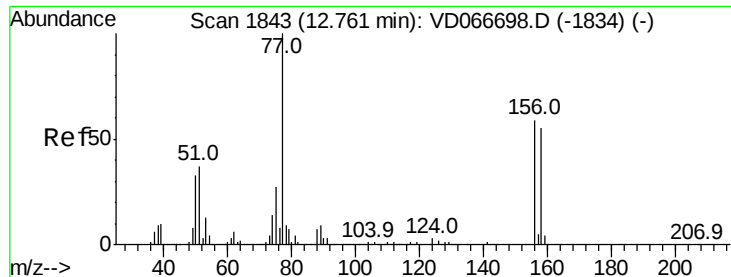
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 54.988 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

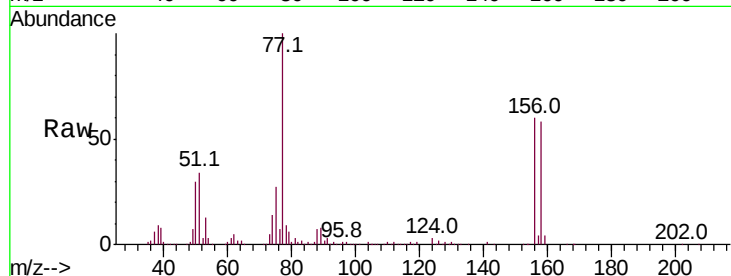
Tot Ion:156 Resp: 281059

Ion Ratio Lower Upper

156 100

77 184.2 95.8 287.3

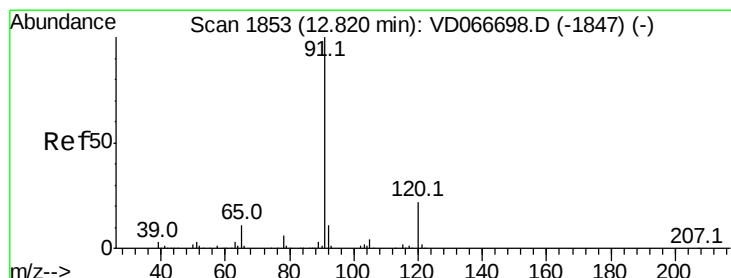
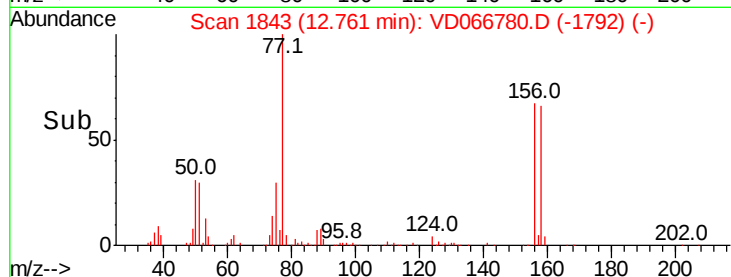
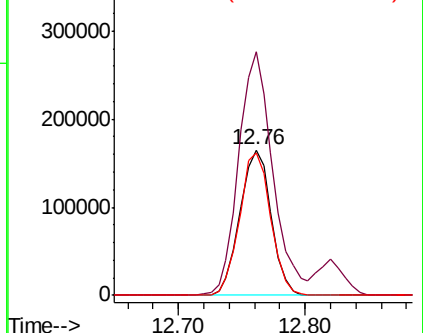
158 97.8 48.4 145.0



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: 56.204 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066780.D

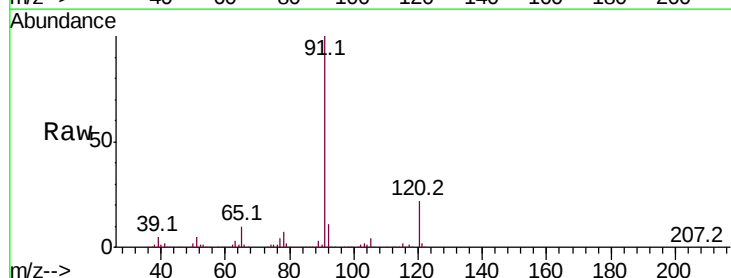
Acq: 21 Sep 2020 13:57

Tgt Ion: 91 Resp: 1519410

Ion Ratio Lower Upper

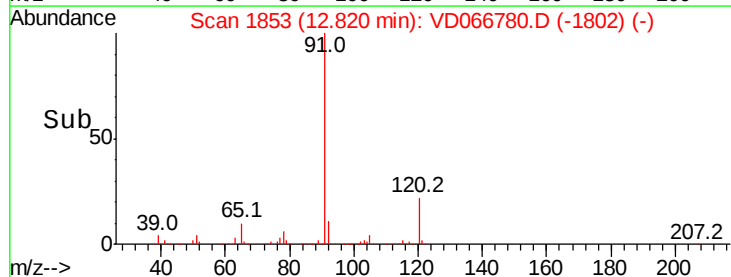
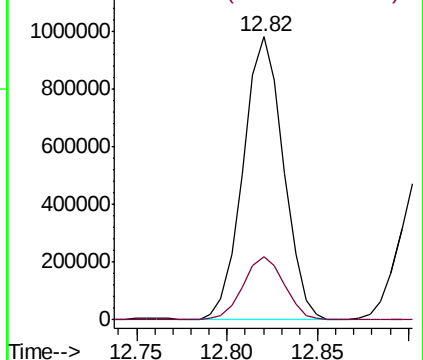
91 100

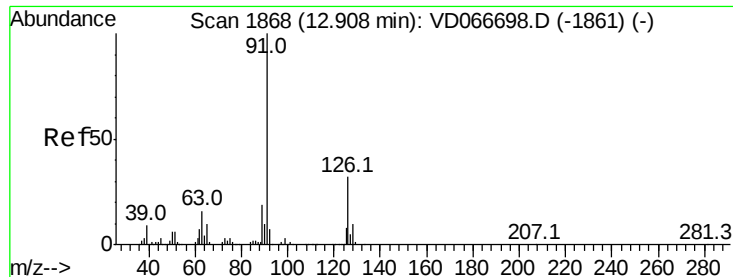
120 22.6 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.029 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

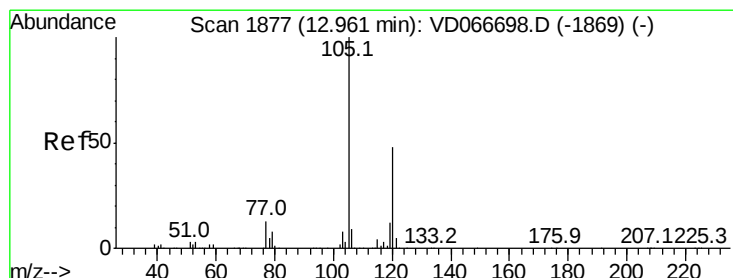
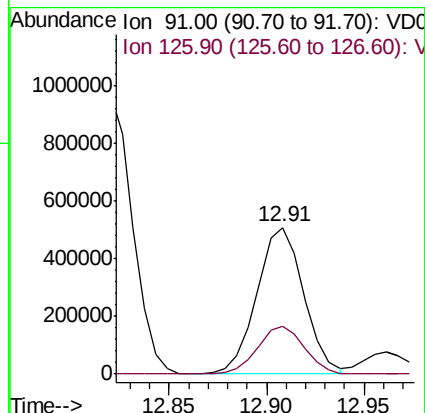
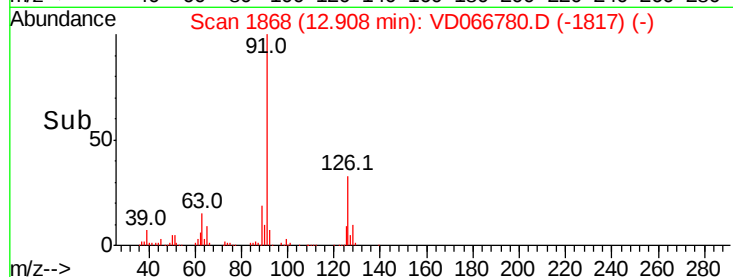
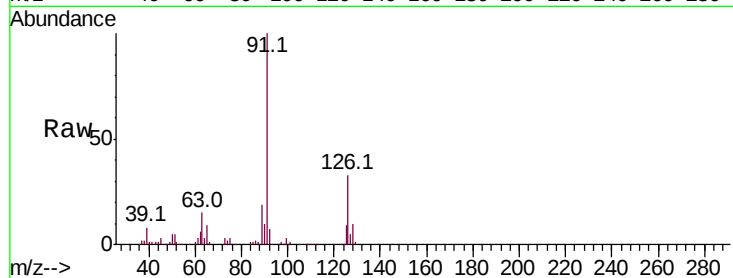
VSTDCCC050

Tot Ion: 91 Resp: 841173

Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 56.209 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066780.D

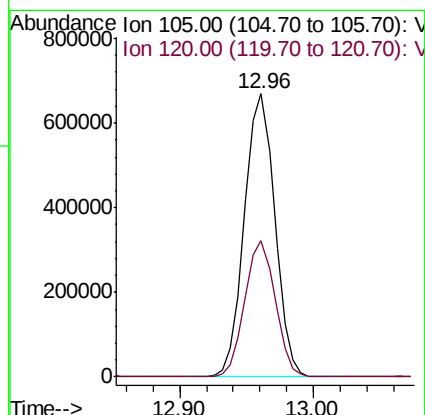
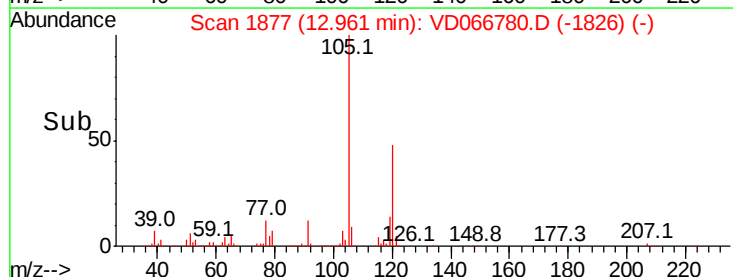
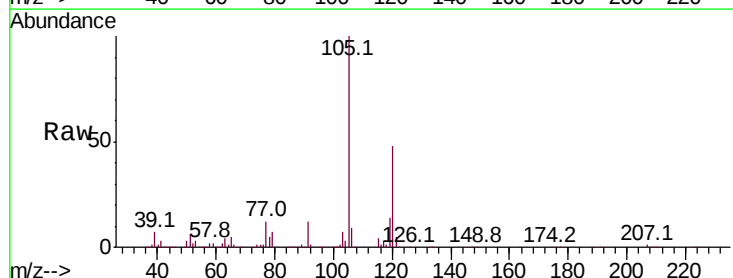
Acq: 21 Sep 2020 13:57

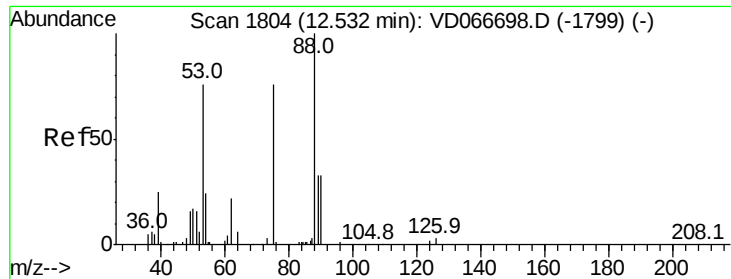
Tgt Ion:105 Resp: 1053956

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 47.246 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

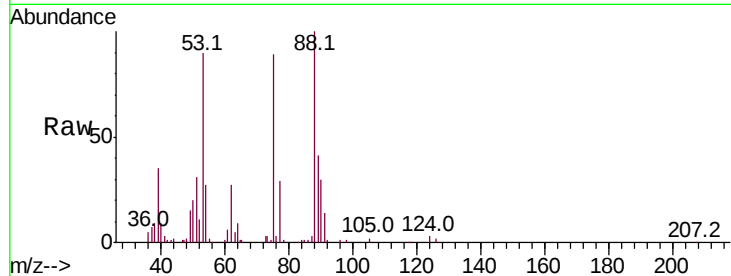
Tot Ion: 75 Resp: 55665

Ion Ratio Lower Upper

75 100

53 93.0 82.2 123.4

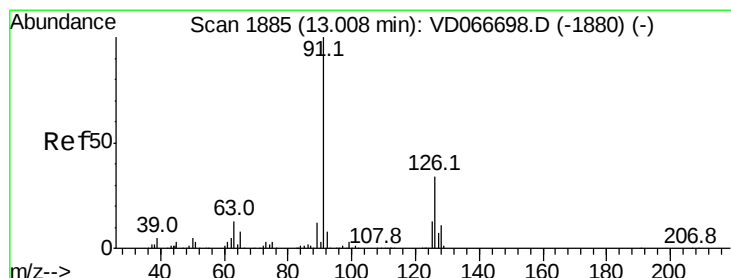
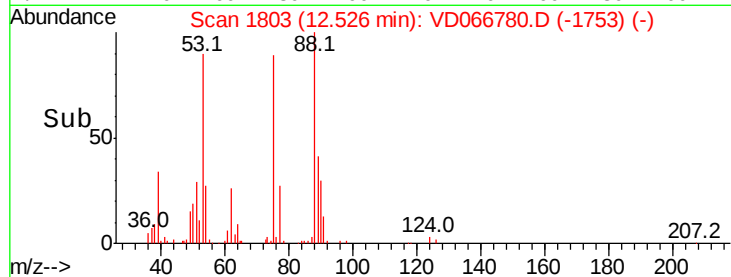
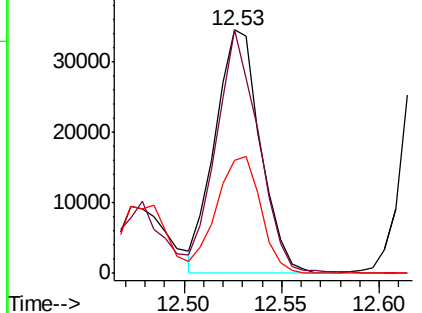
89 47.0 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 54.530 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066780.D

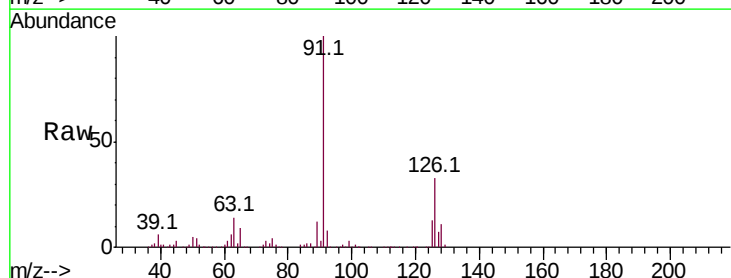
Acq: 21 Sep 2020 13:57

Tgt Ion: 91 Resp: 881379

Ion Ratio Lower Upper

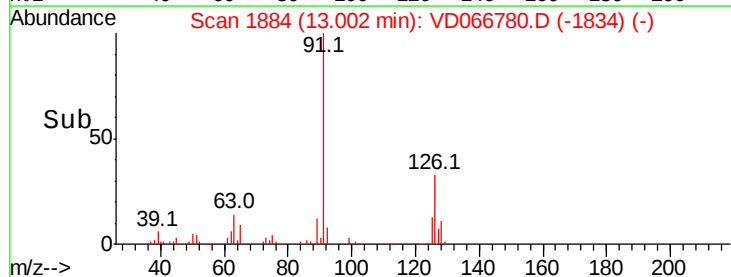
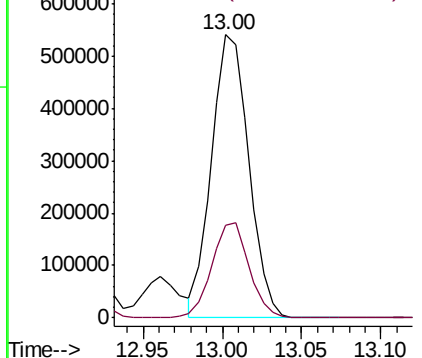
91 100

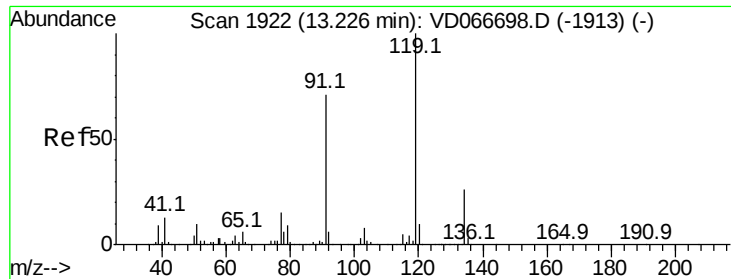
126 33.7 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

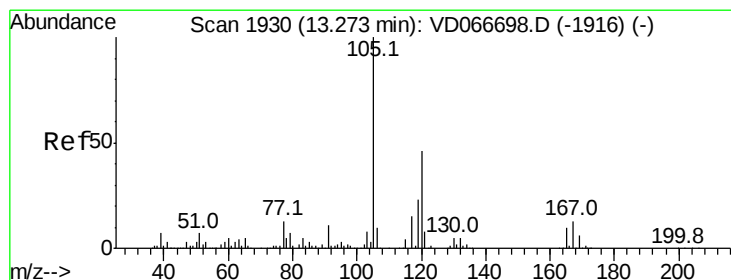
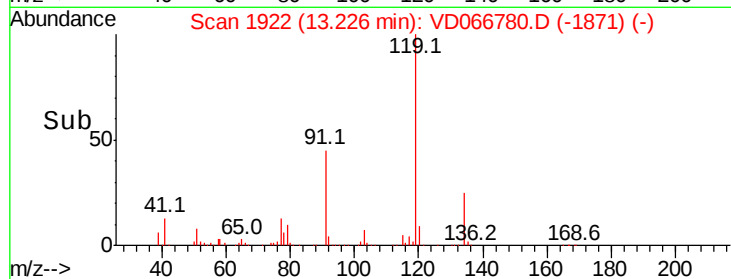
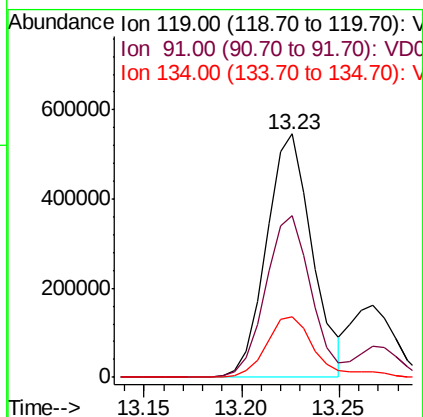
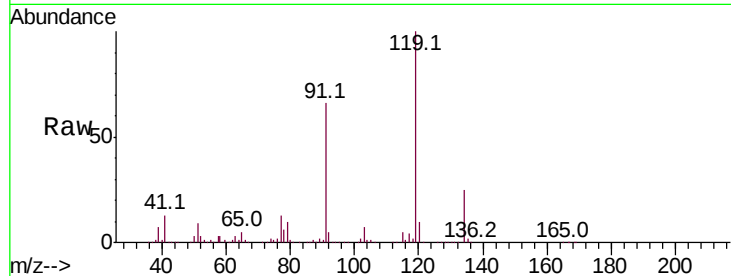




#83
tert-Butylbenzene
Concen: 57.377 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

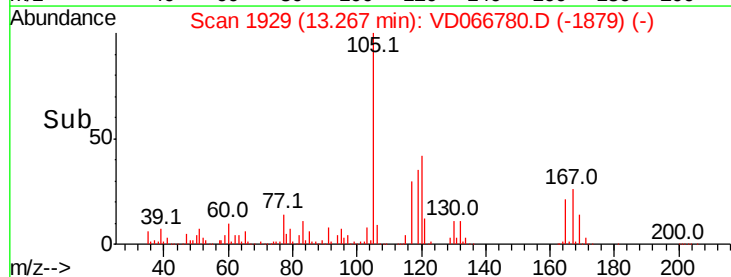
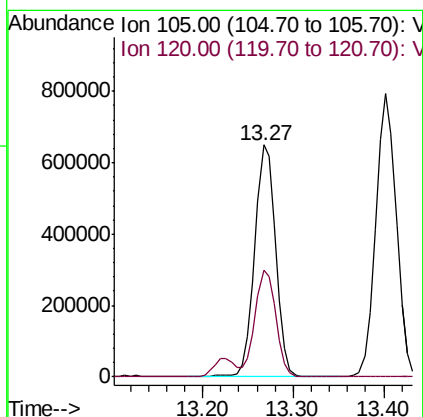
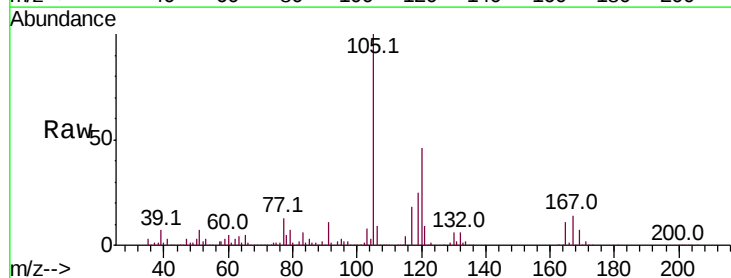
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

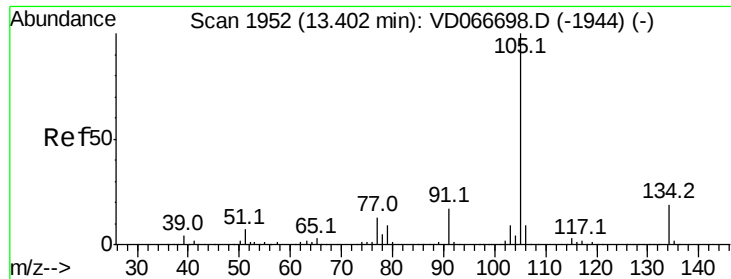
Tot Ion:119 Resp: 886737
Ion Ratio Lower Upper
119 100
91 65.7 35.0 105.1
134 26.7 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 55.595 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion:105 Resp: 1041795
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.2

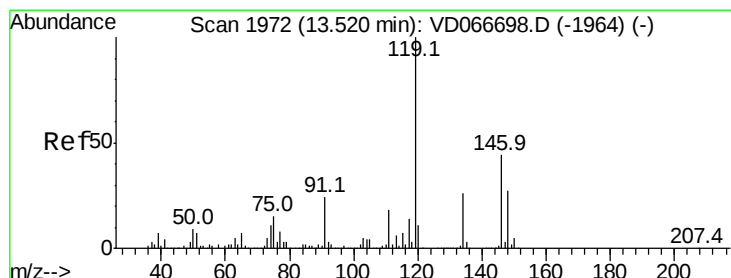
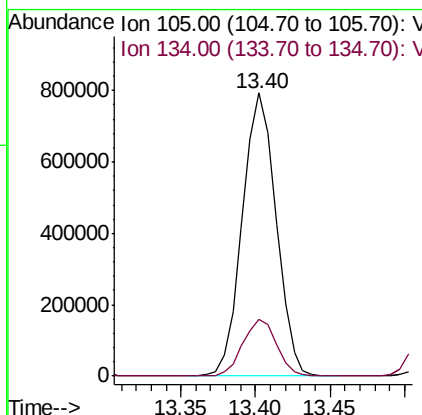
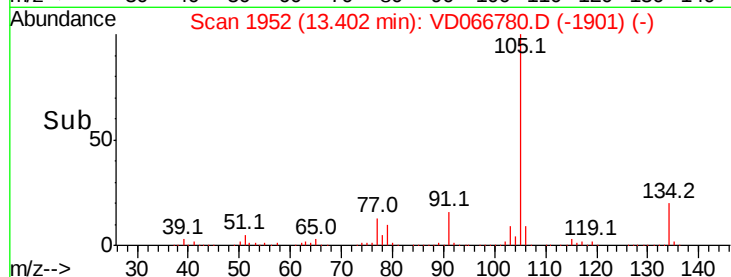
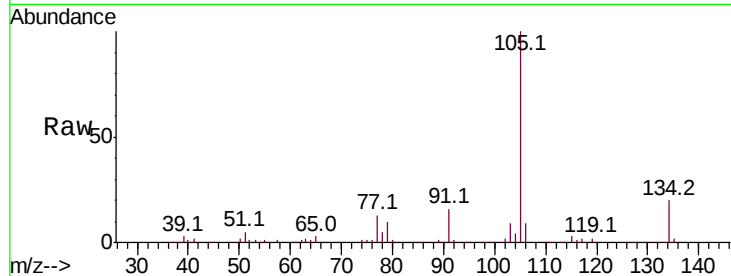




#85
 sec-Butylbenzene
 Concen: 56.189 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

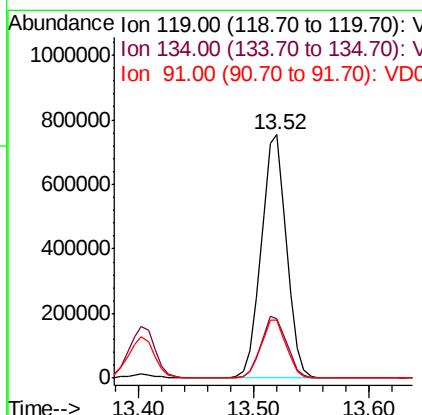
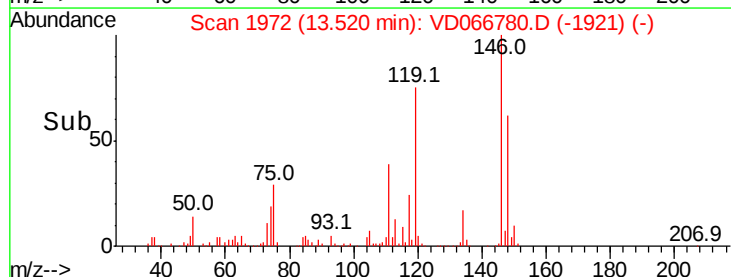
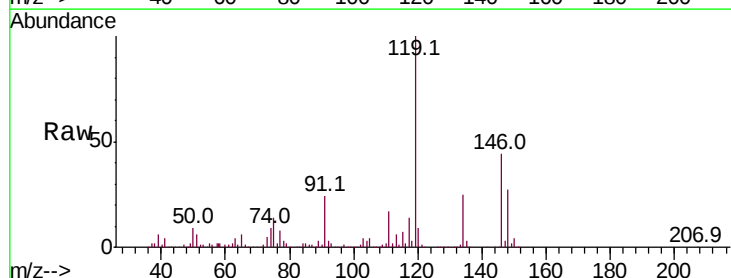
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

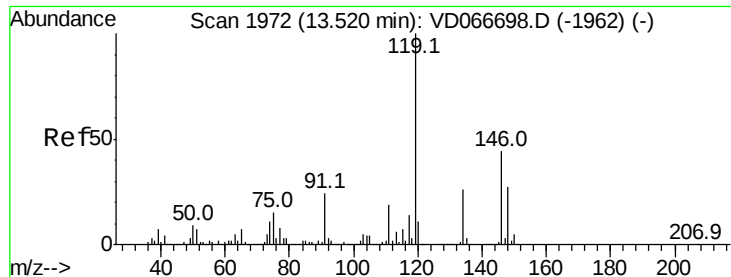
Tot Ion:105 Resp: 1244923
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 57.096 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Tgt Ion:119 Resp: 1150062
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.3 12.3 36.9

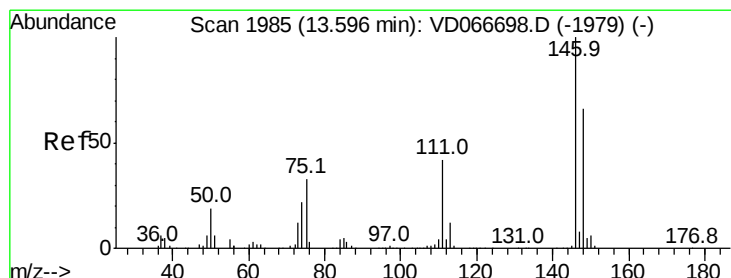
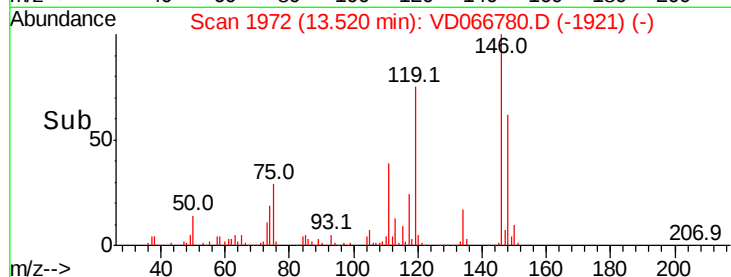
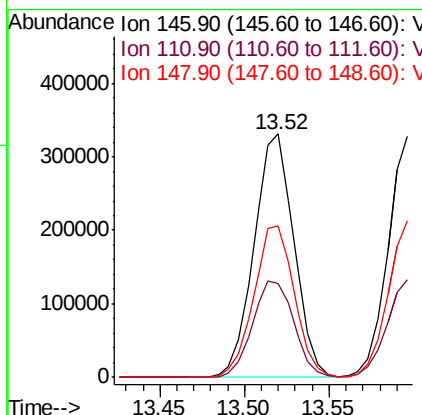
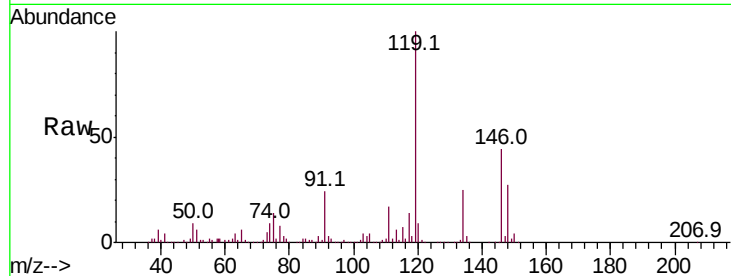




#87
 1,3-Dichlorobenzene
 Concen: 55.349 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

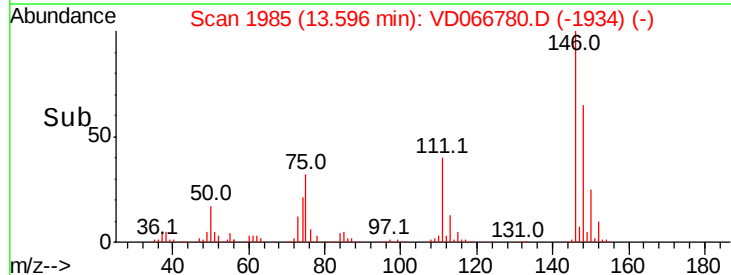
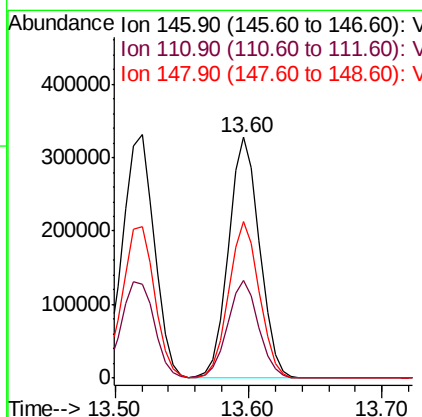
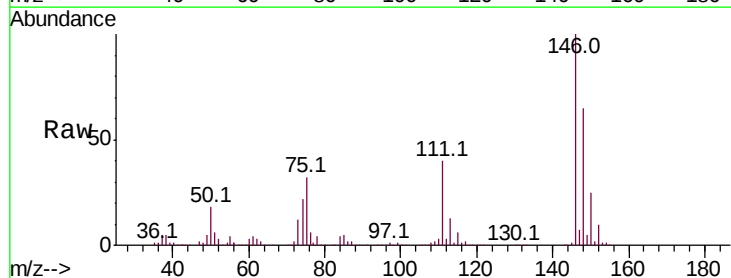
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

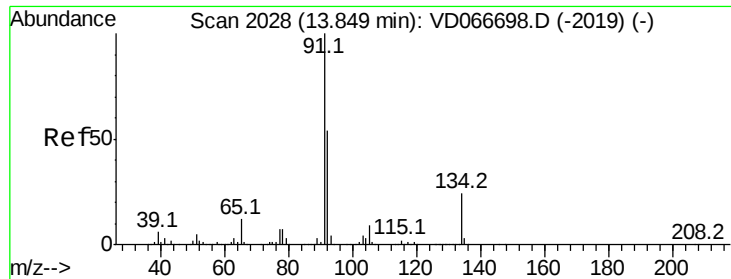
Tot Ion:146 Resp: 542765
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.1 63.3
 148 63.3 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 54.471 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Tgt Ion:146 Resp: 531908
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.5 61.6
 148 64.1 32.7 98.1

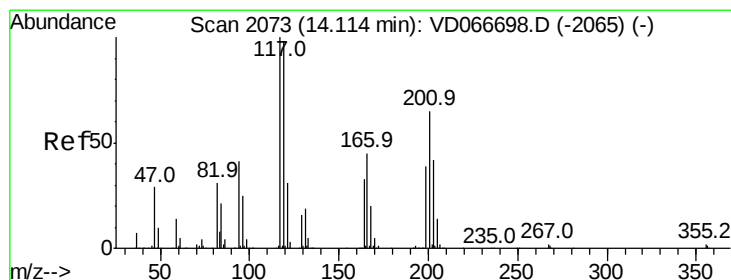
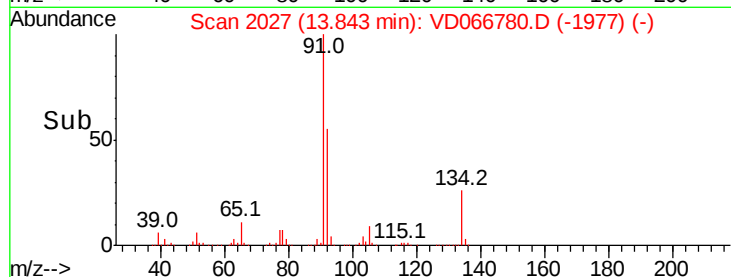
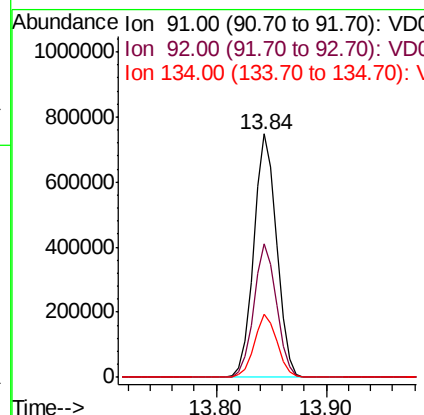
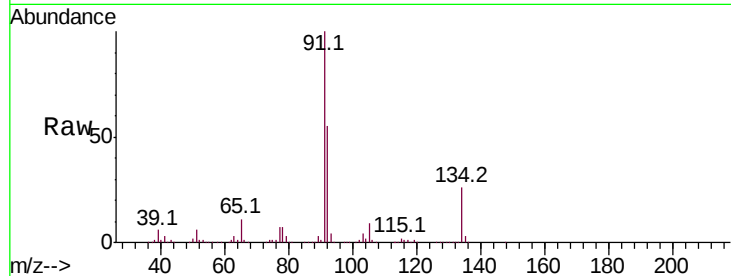




#89
n-Butylbenzene
Concen: 56.842 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

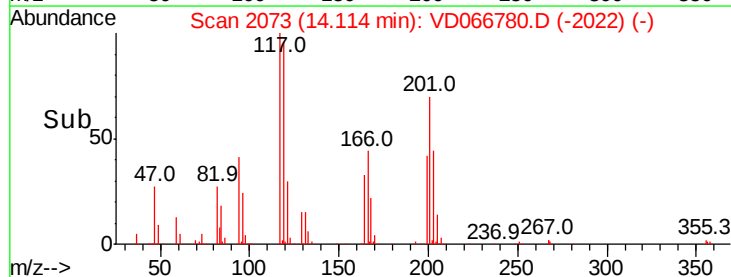
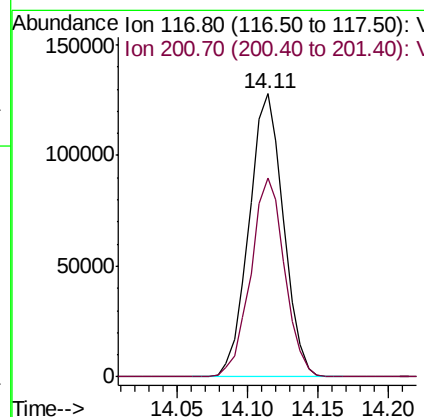
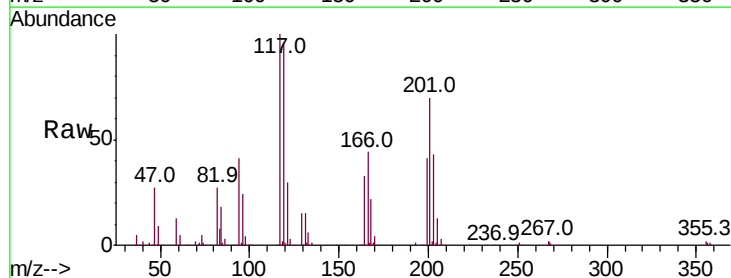
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

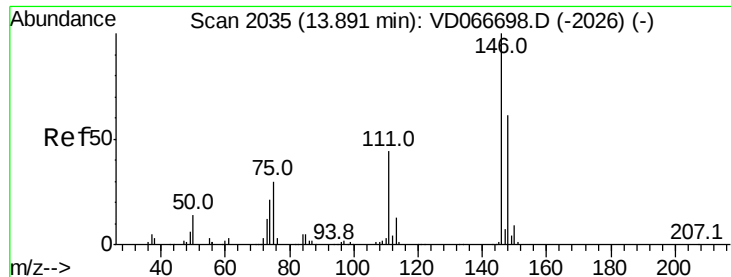
Tot Ion: 91 Resp: 1088711
Ion Ratio Lower Upper
91 100
92 54.4 27.0 81.0
134 25.9 12.4 37.0



#90
Hexachloroethane
Concen: 52.975 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion: 117 Resp: 219205
Ion Ratio Lower Upper
117 100
201 69.2 33.1 99.3





#91

1,2-Dichlorobenzene

Concen: 55.151 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

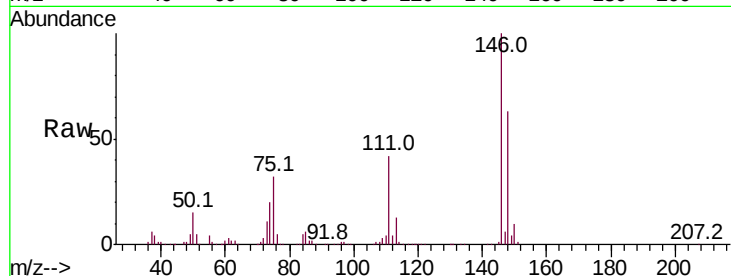
Tot Ion:146 Resp: 463405

Ion Ratio Lower Upper

146 100

111 42.7 21.6 64.6

148 63.7 31.4 94.3

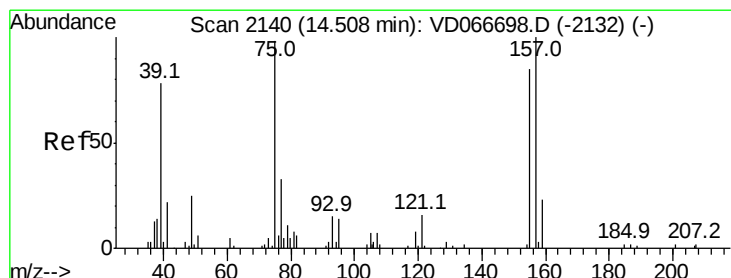
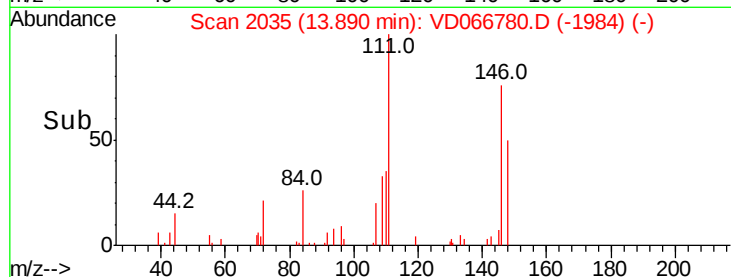
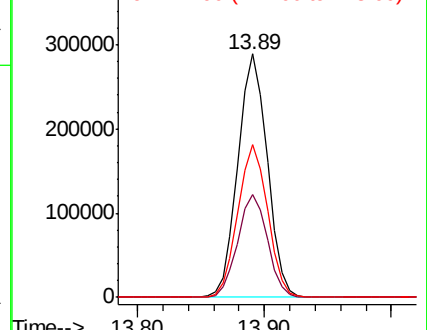


Abundance

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: 55.828 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD066780.D

Acq: 21 Sep 2020 13:57

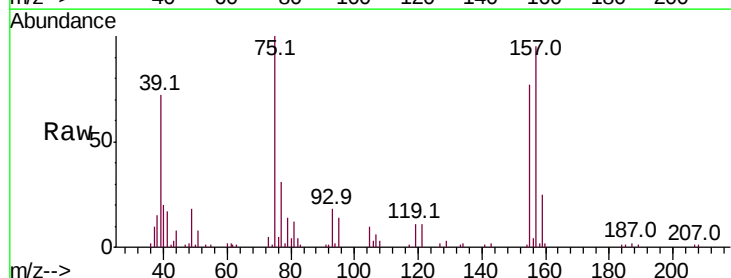
Tgt Ion: 75 Resp: 34008

Ion Ratio Lower Upper

75 100

155 79.6 38.9 116.7

157 99.3 46.4 139.2

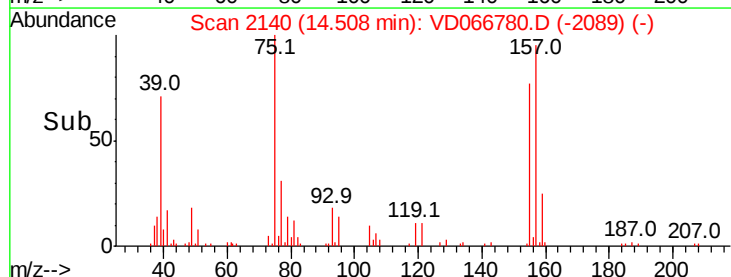
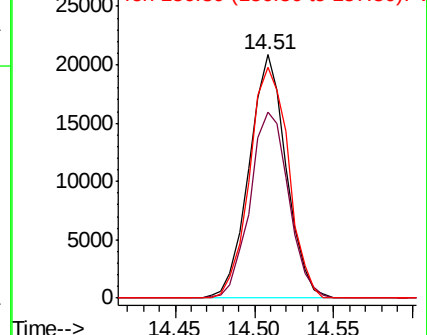


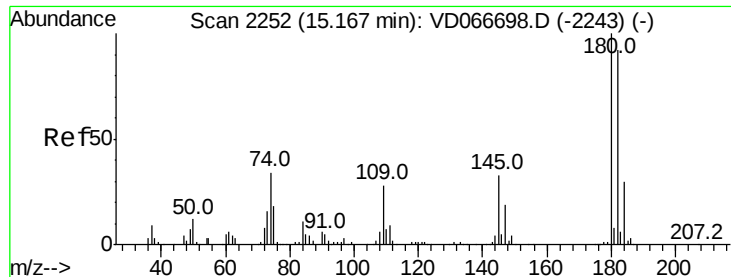
Abundance

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

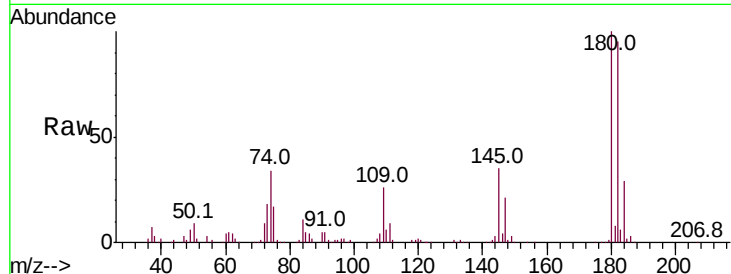




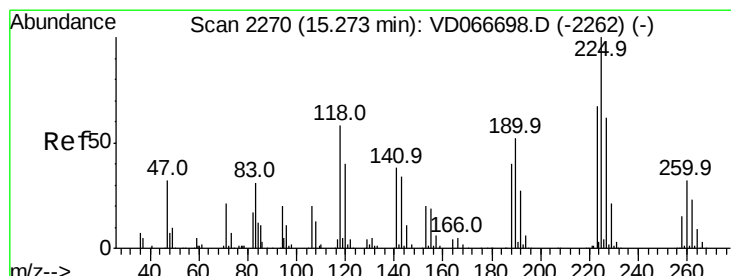
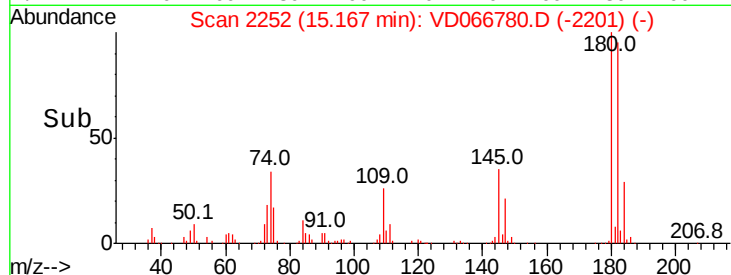
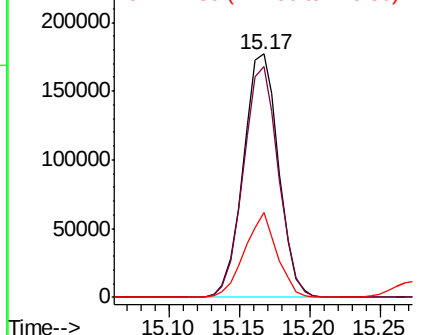
#93
 1,2,4-Trichlorobenzene
 Concen: 60.861 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.6	139.7
145	32.1	16.5	49.5

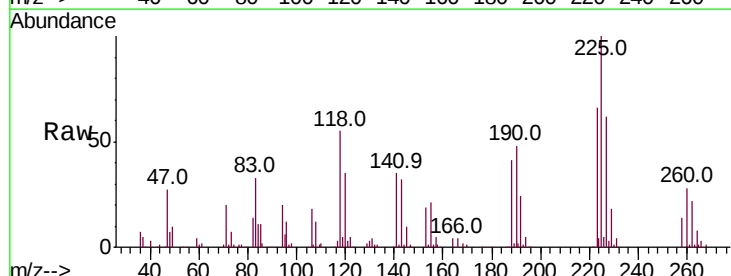


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

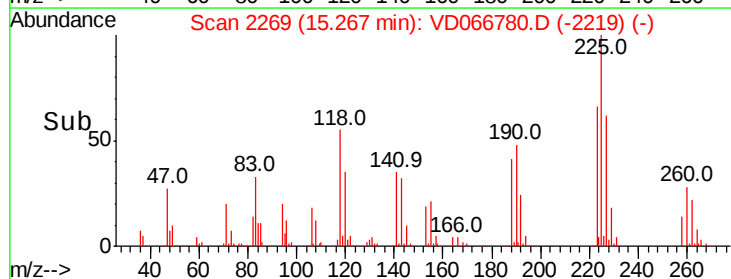
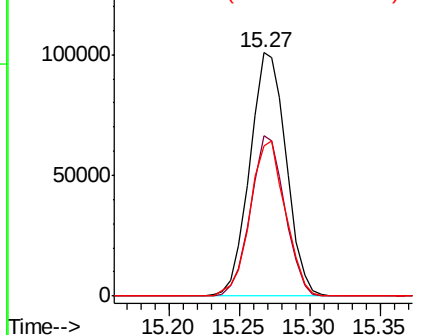


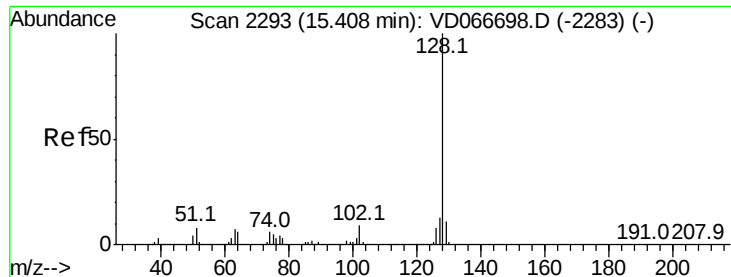
#94
 Hexachlorobutadiene
 Concen: 59.541 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066780.D
 Acq: 21 Sep 2020 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.9	95.9
227	62.0	31.3	93.9



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

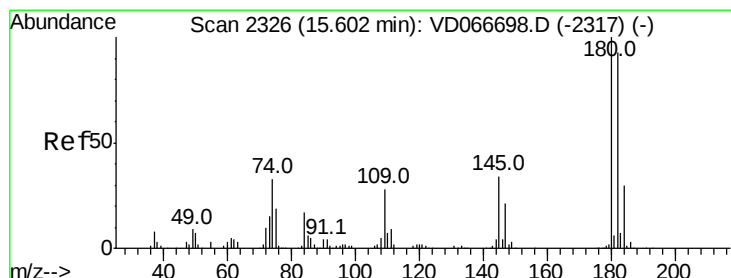
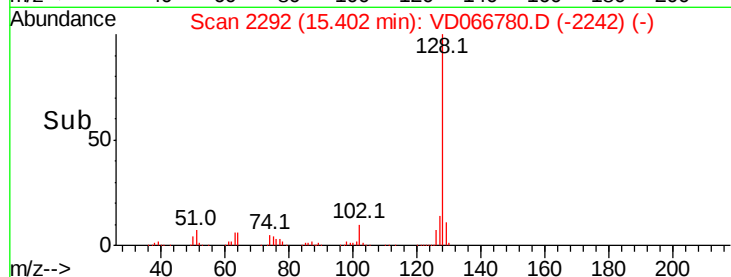
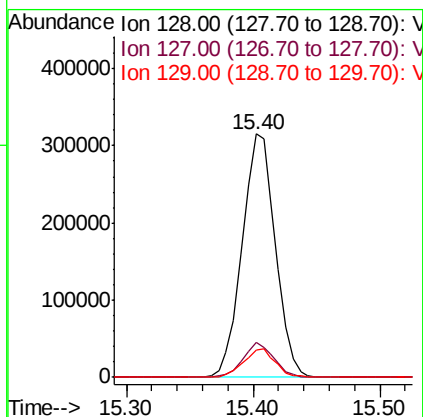
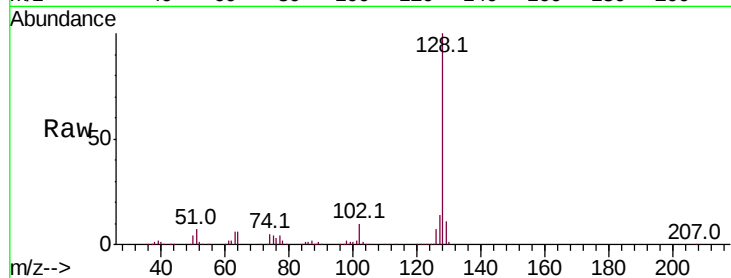




#95
Naphthalene
Concen: 64.493 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 572653
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 60.346 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066780.D
Acq: 21 Sep 2020 13:57

Tgt Ion:180 Resp: 267870
Ion Ratio Lower Upper
180 100
182 96.4 46.6 139.8
145 34.9 17.1 51.3

