

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072820\
 Data File : VD066080.D
 Acq On : 28 Jul 2020 16:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 29 01:35:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	252612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	367965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	352538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	190485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115348	56.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.24%	
35) Dibromofluoromethane	7.91	113	118187	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	10.34	98	454482	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.64	95	158898	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	86162	44.944	ug/l	93
3) Chloromethane	2.21	50	74911	47.883	ug/l	98
4) Vinyl Chloride	2.35	62	74692	50.135	ug/l	97
5) Bromomethane	2.77	94	56137	53.977	ug/l	96
6) Chloroethane	2.92	64	48466	54.496	ug/l	97
7) Trichlorofluoromethane	3.27	101	194088	53.560	ug/l	96
8) Diethyl Ether	3.70	74	53990	53.901	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	115357	52.721	ug/l	98
10) Methyl Iodide	4.30	142	132257	58.103	ug/l	95
11) Tert butyl alcohol	5.22	59	36724	288.122	ug/l #	89
12) 1,1-Dichloroethene	4.06	96	108086	51.750	ug/l	93
13) Acrolein	3.92	56	35958	207.635	ug/l	99
14) Allyl chloride	4.71	41	166402	50.967	ug/l	92
15) Acrylonitrile	5.42	53	115908	270.861	ug/l	96
16) Acetone	4.15	43	97086	233.347	ug/l	95
17) Carbon Disulfide	4.40	76	317031	46.795	ug/l	100
18) Methyl Acetate	4.71	43	49220	50.854	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	260789	60.771	ug/l	95
20) Methylene Chloride	4.96	84	137716	60.484	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	126607	53.634	ug/l	98
22) Diisopropyl ether	6.36	45	335198	54.041	ug/l	98
23) Vinyl Acetate	6.30	43	985750	281.793	ug/l	96
24) 1,1-Dichloroethane	6.26	63	206975	55.072	ug/l	98
25) 2-Butanone	7.21	43	142771	258.608	ug/l	96
26) 2,2-Dichloropropane	7.20	77	193285	57.191	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	140982	56.408	ug/l	99
28) Bromochloromethane	7.54	49	83848	52.565	ug/l	91
29) Tetrahydrofuran	7.56	42	90617	266.026	ug/l	98
30) Chloroform	7.70	83	231788	58.960	ug/l	94
31) Cyclohexane	7.98	56	175873	47.566	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	213928	58.829	ug/l	99
36) 1,1-Dichloropropene	8.11	75	167831	53.442	ug/l	99
37) Ethyl Acetate	7.29	43	67050	55.906	ug/l	98
38) Carbon Tetrachloride	8.09	117	196840	57.767	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	203437	53.493	ug/l	97
40) Benzene	8.35	78	488992	55.657	ug/l	100
41) Methacrylonitrile	7.55	41	91305	132.895	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	146917	61.024	ug/l	97
43) Isopropyl Acetate	8.45	43	130619	55.762	ug/l	98
44) Trichloroethene	9.11	130	145377	54.680	ug/l	98
45) 1,2-Dichloropropane	9.39	63	117056	55.011	ug/l	96
46) Dibromomethane	9.47	93	65577	57.248	ug/l	95
47) Bromodichloromethane	9.66	83	178154	58.820	ug/l	99
48) Methyl methacrylate	9.46	41	61375	51.943	ug/l #	83
49) 1,4-Dioxane	9.46	88	15433	1162.907	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	327064	277.113	ug/l	99
52) Toluene	10.40	92	332940	58.109	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	170252	60.335	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	196983	57.589	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	92985	57.236	ug/l	93
56) Ethyl methacrylate	10.66	69	114814	60.786	ug/l	96
57) 1,3-Dichloropropane	10.95	76	155480	57.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	231225	256.261	ug/l	97
59) 2-Hexanone	10.98	43	226492	276.918	ug/l	97
60) Dibromochloromethane	11.14	129	134990	61.627	ug/l	99
61) 1,2-Dibromoethane	11.25	107	93933	59.968	ug/l	100
64) Tetrachloroethene	10.88	164	130746	54.641	ug/l	97
65) Chlorobenzene	11.67	112	361563	56.015	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	140471	58.938	ug/l	98
67) Ethyl Benzene	11.75	91	635391	57.200	ug/l	100
68) m/p-Xylenes	11.86	106	493150	115.505	ug/l	100
69) o-Xylene	12.18	106	231705	59.668	ug/l	100
70) Styrene	12.20	104	405297	60.745	ug/l	99
71) Bromoform	12.37	173	84246	60.345	ug/l #	98
73) Isopropylbenzene	12.48	105	632666	54.889	ug/l	99
74) N-amyl acetate	12.30	43	128238	53.659	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	96613	50.719	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	131488	91.677	ug/l #	100
77) Bromobenzene	12.77	156	162268	55.087	ug/l	95
78) n-propylbenzene	12.83	91	735502	54.990	ug/l	99
79) 2-Chlorotoluene	12.91	91	421956	55.221	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	541720	57.206	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	34012	54.416	ug/l	97
82) 4-Chlorotoluene	13.01	91	442114	54.816	ug/l	99
83) tert-Butylbenzene	13.23	119	467587	56.427	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	533393	57.093	ug/l	99
85) sec-Butylbenzene	13.41	105	639909	56.064	ug/l	100
86) p-Isopropyltoluene	13.53	119	605567	58.399	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	305410	55.844	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	304760	55.122	ug/l	99
89) n-Butylbenzene	13.85	91	549102	56.950	ug/l	98
90) Hexachloroethane	14.12	117	117649	54.807	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	270048	56.983	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16538	52.974	ug/l	95

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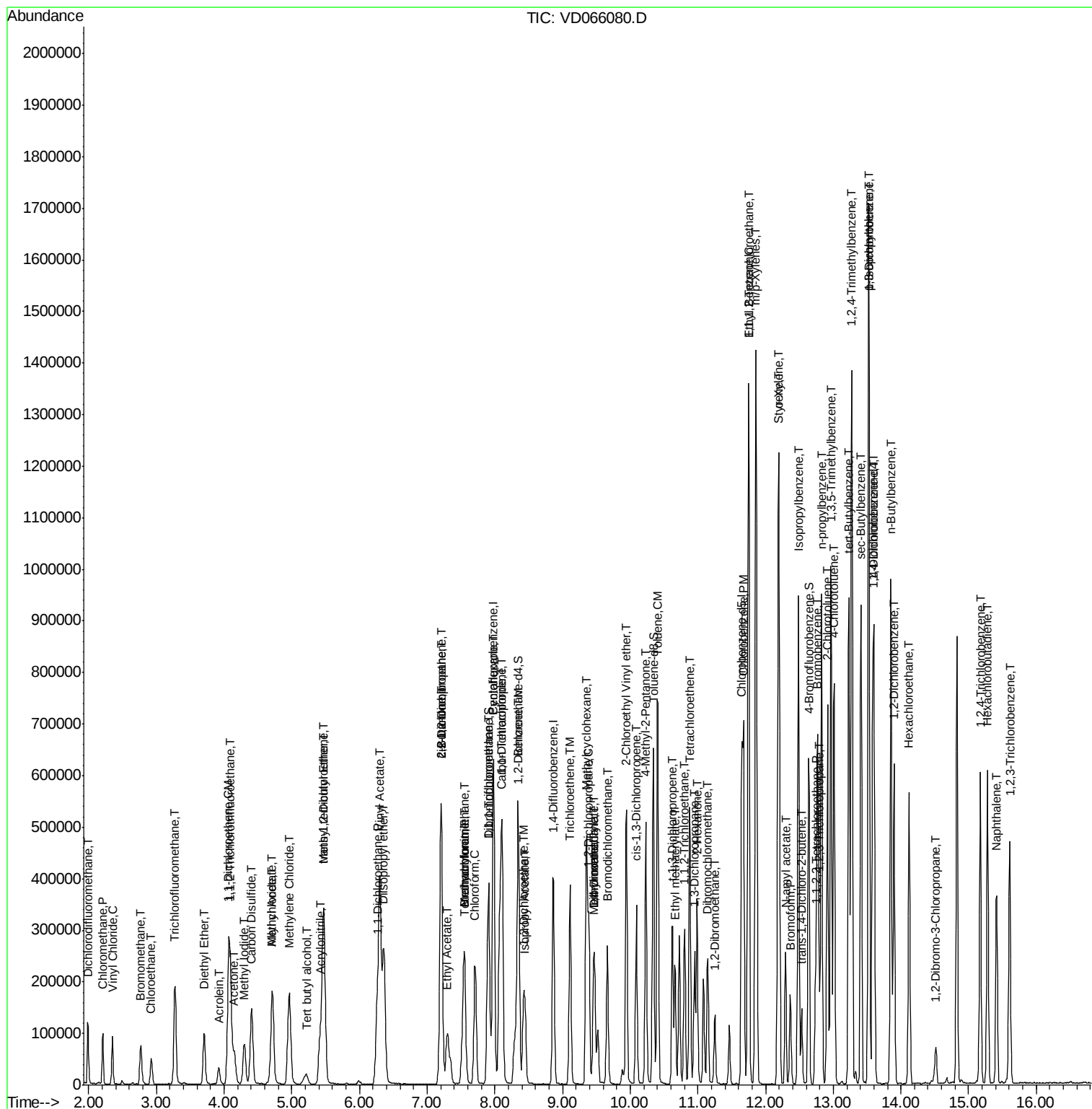
Instrument :
MSVOA_D
ClientSampleId :

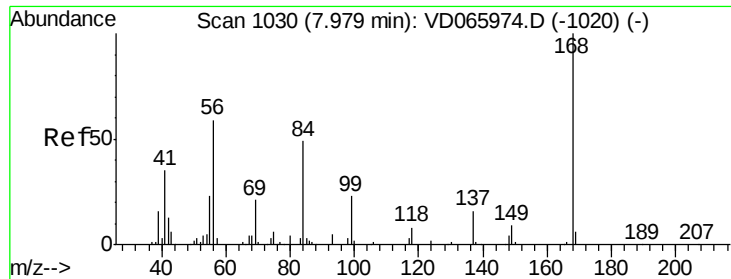
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	204662	60.165	ug/l	98
94) Hexachlorobutadiene	15.28	225	125717	59.779	ug/l	99
95) Naphthalene	15.41	128	333696	54.796	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	175643	59.394	ug/l	99

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

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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: VD066080.D

Acq: 28 Jul 2020 16:36

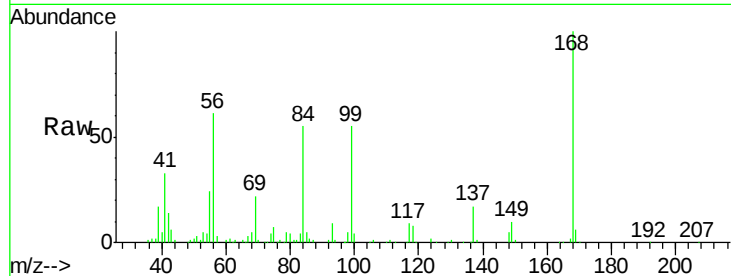
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 252612

Ion Ratio Lower Upper

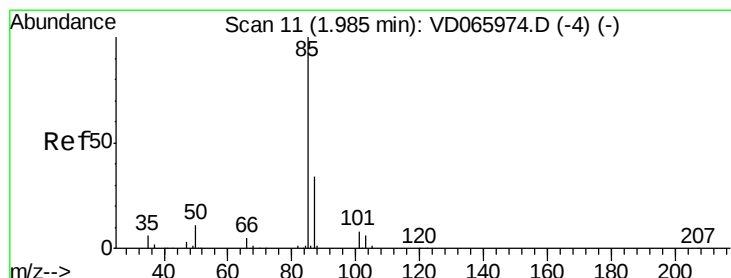
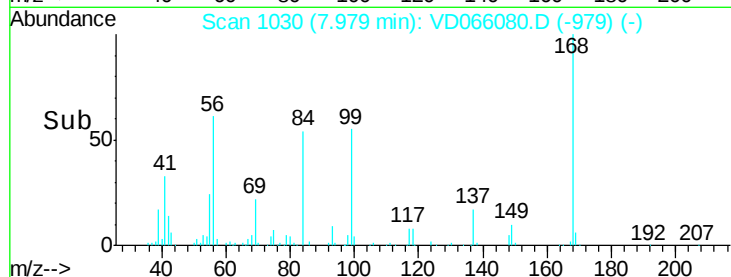
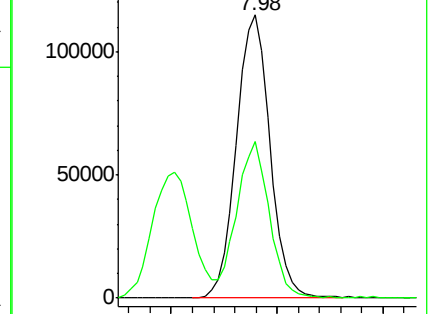
168 100

99 55.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.944 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066080.D

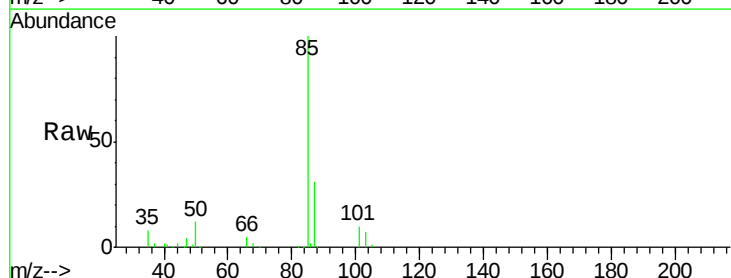
Acq: 28 Jul 2020 16:36

Tgt Ion: 85 Resp: 86162

Ion Ratio Lower Upper

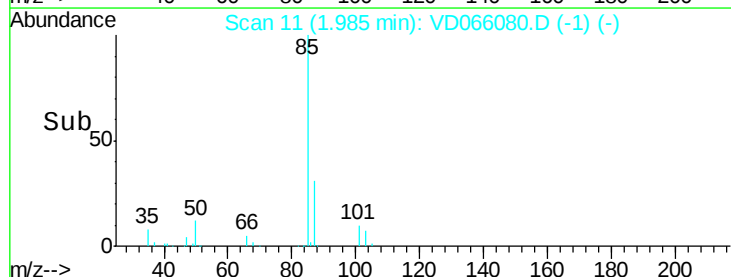
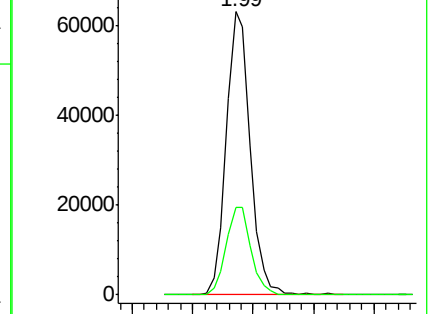
85 100

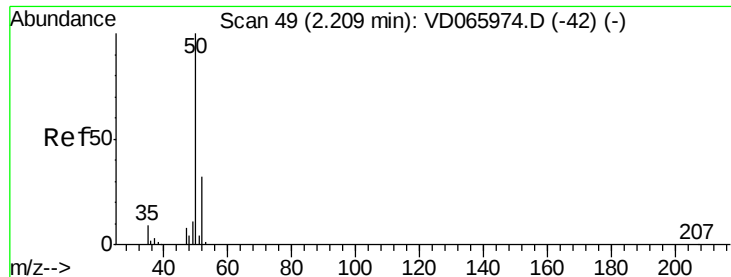
87 30.7 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.883 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

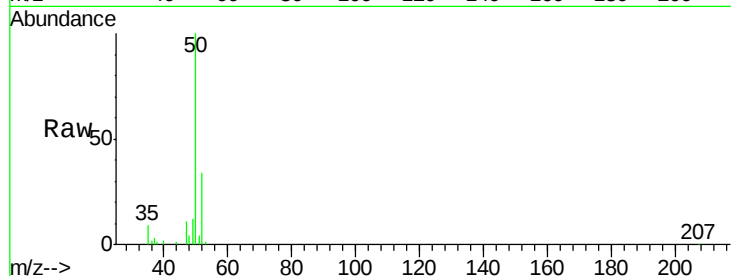
ClientSampleId :

Tot Ion: 50 Resp: 74911

Ion Ratio Lower Upper

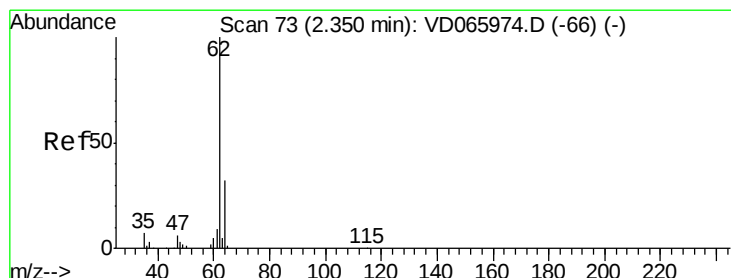
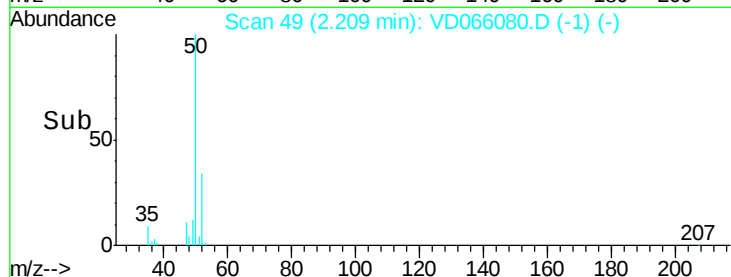
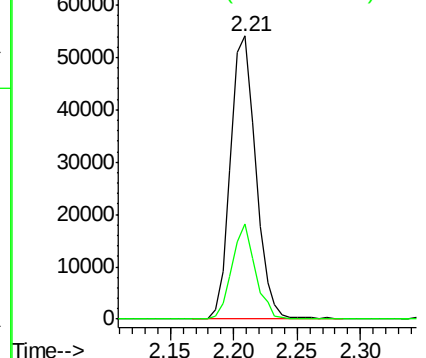
50 100

52 33.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 50.135 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066080.D

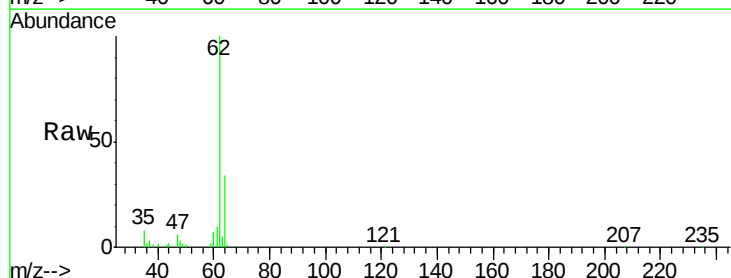
Acq: 28 Jul 2020 16:36

Tgt Ion: 62 Resp: 74692

Ion Ratio Lower Upper

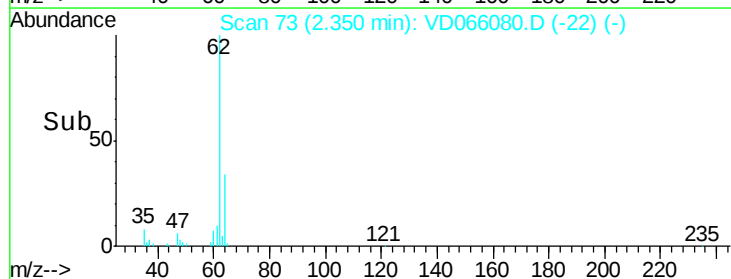
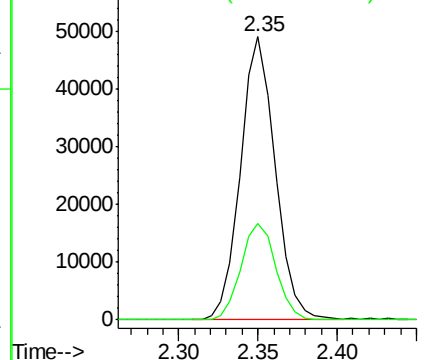
62 100

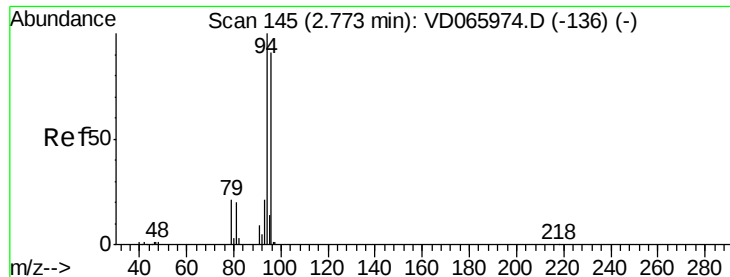
64 33.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 53.977 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

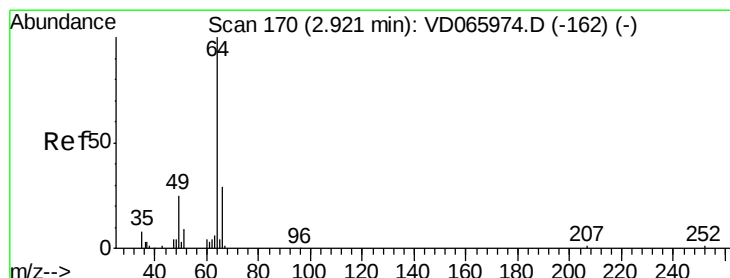
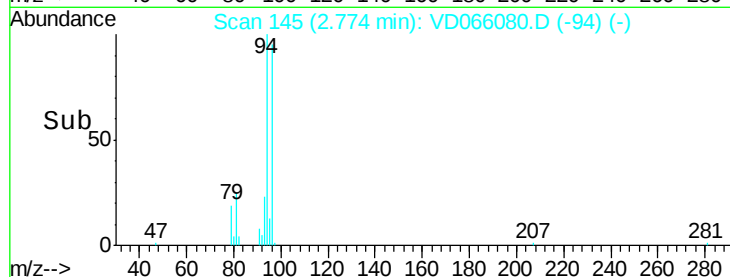
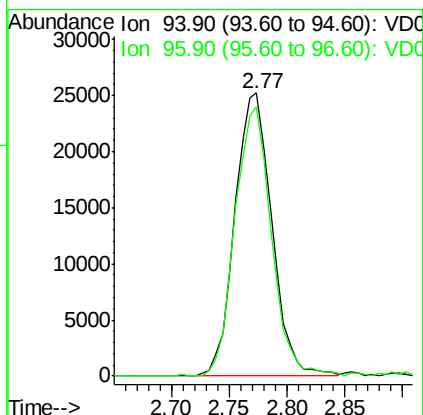
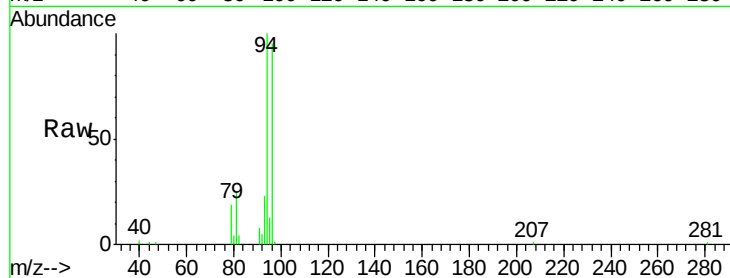
ClientSampleId :

Tot Ion: 94 Resp: 56137

Ion Ratio Lower Upper

94 100

96 95.1 73.0 109.4



#6

Chloroethane

Concen: 54.496 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066080.D

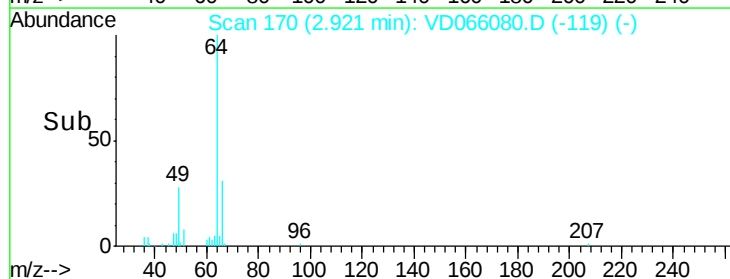
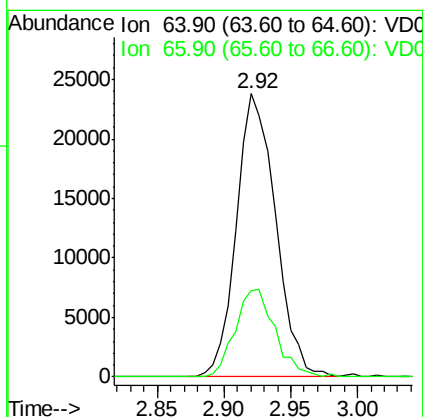
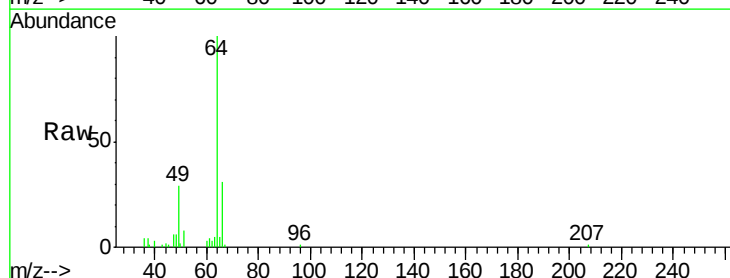
Acq: 28 Jul 2020 16:36

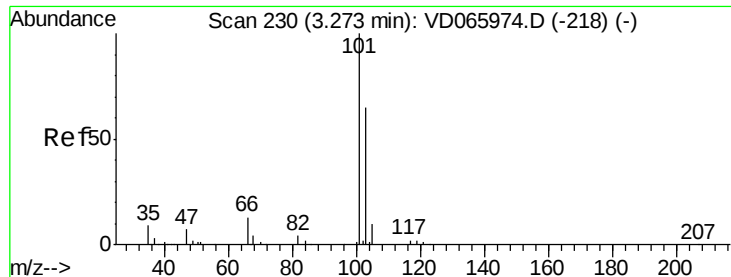
Tgt Ion: 64 Resp: 48466

Ion Ratio Lower Upper

64 100

66 30.5 23.4 35.0



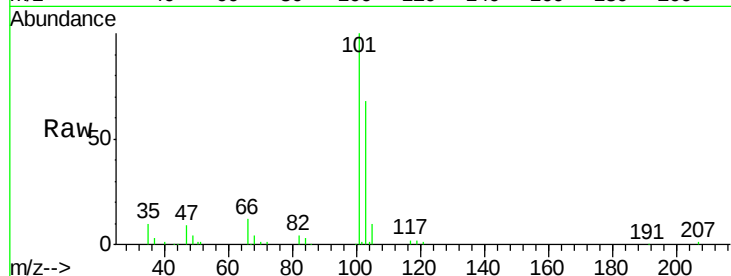


#7

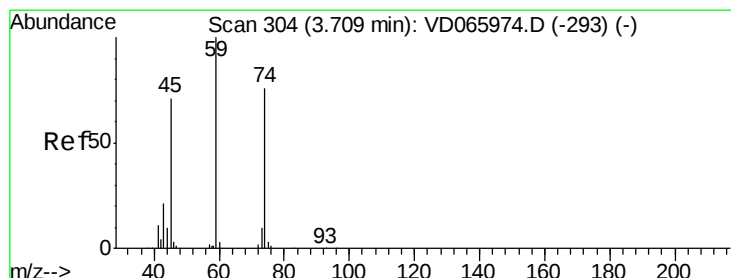
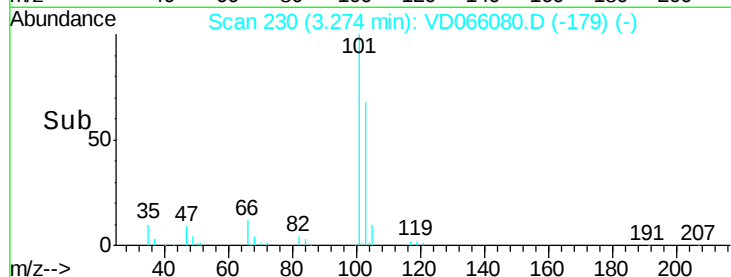
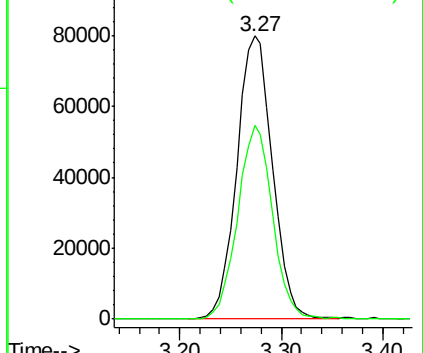
Trichlorofluoromethane
Concen: 53.560 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:101 Resp: 194088
Ion Ratio Lower Upper
101 100
103 68.3 52.1 78.1



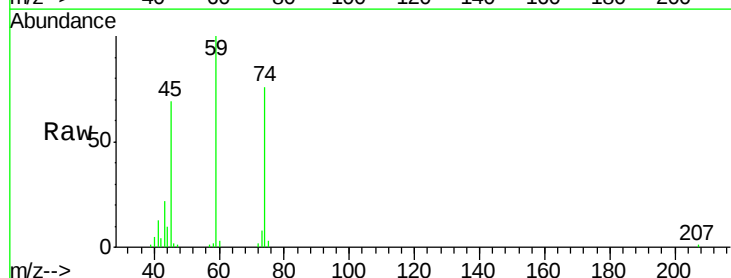
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



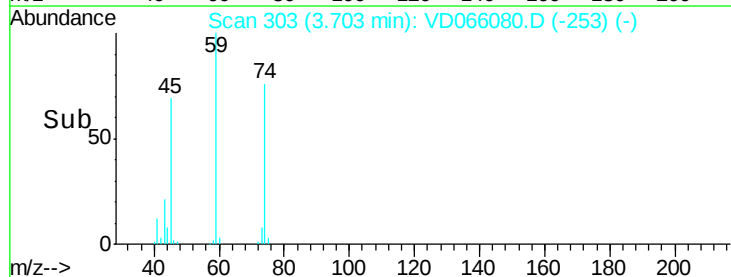
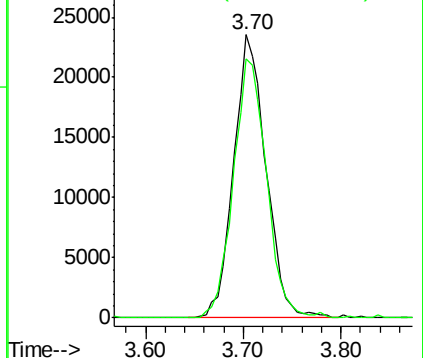
#8

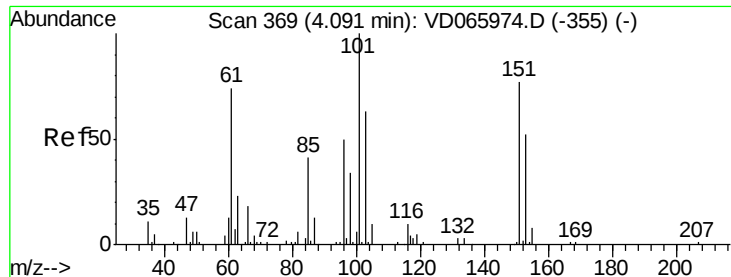
Diethyl Ether
Concen: 53.901 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 74 Resp: 53990
Ion Ratio Lower Upper
74 100
45 93.5 49.9 149.6



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.721 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

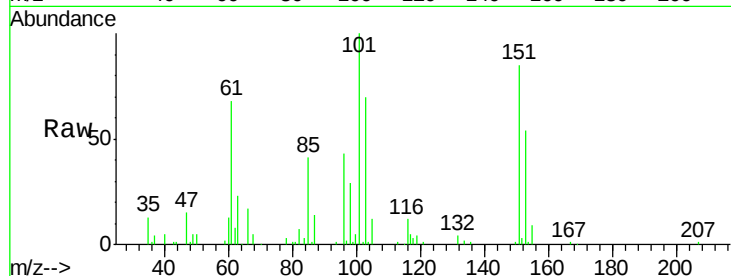
Tot Ion:101 Resp: 115357

Ion Ratio Lower Upper

101 100

85 41.9 33.6 50.4

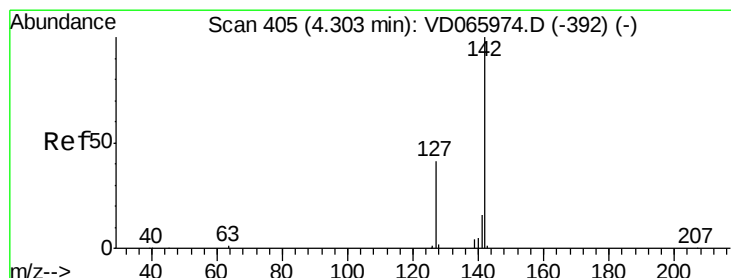
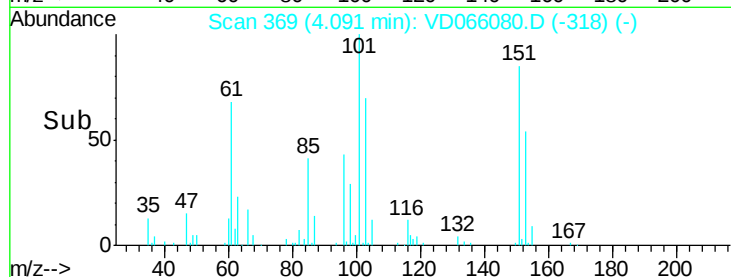
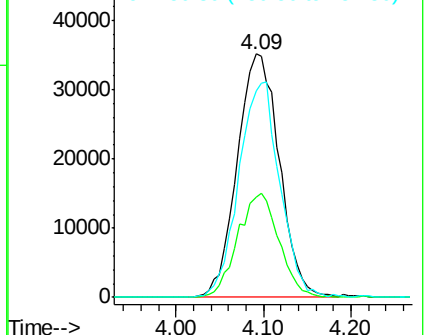
151 86.1 66.6 99.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.103 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

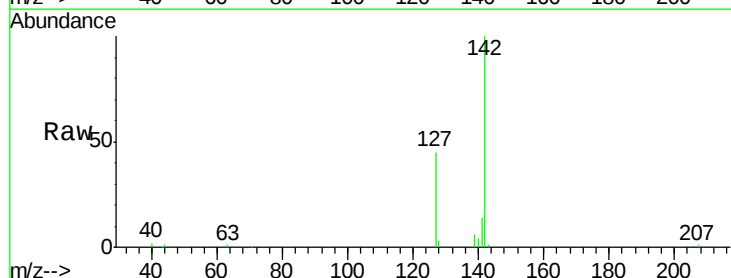
Tgt Ion:142 Resp: 132257

Ion Ratio Lower Upper

142 100

127 45.1 32.9 49.3

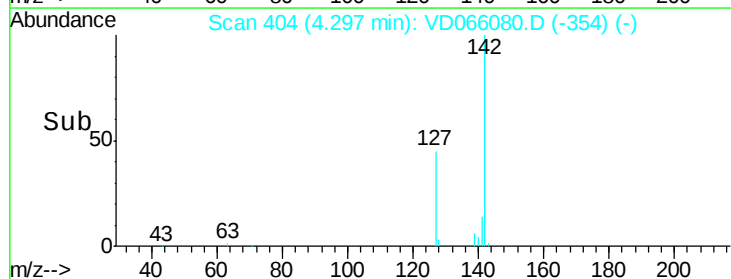
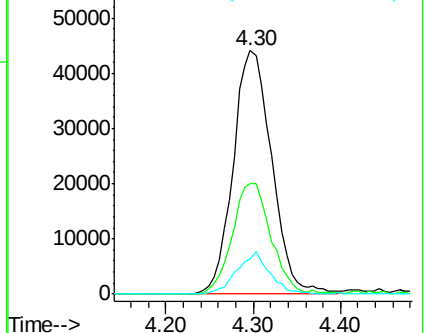
141 14.7 11.8 17.6

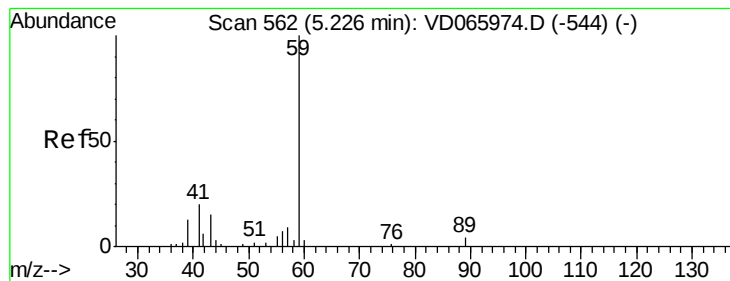


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



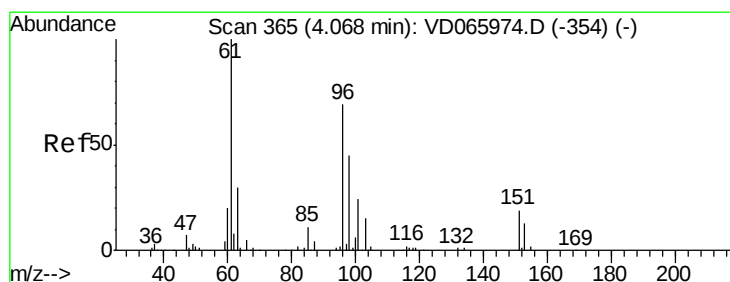
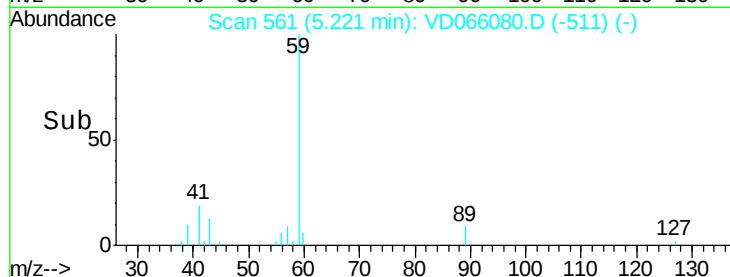
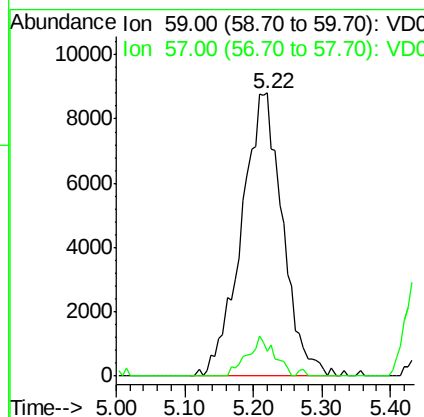
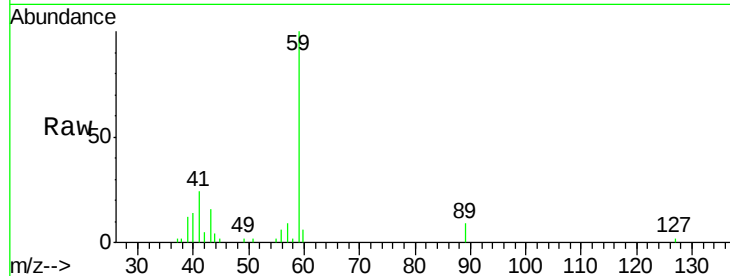


#11

Tert butyl alcohol
 Concen: 288.122 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :

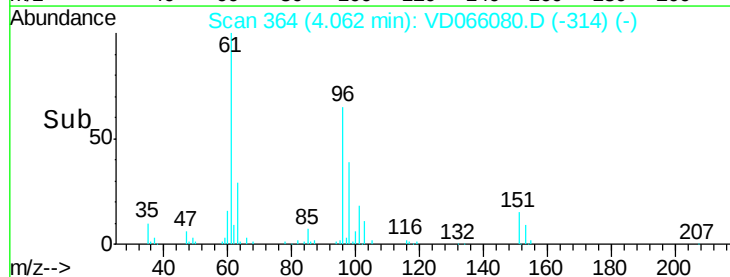
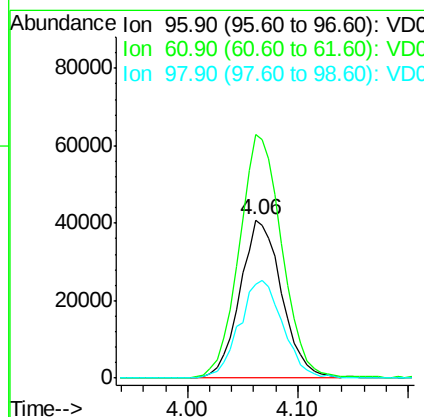
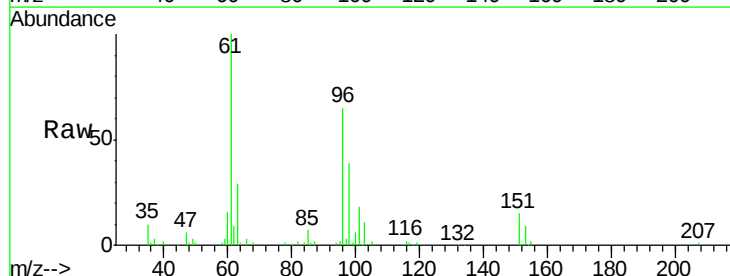
Tot Ion: 59 Resp: 36724
 Ion Ratio Lower Upper
 59 100
 57 9.2 4.5 6.7#

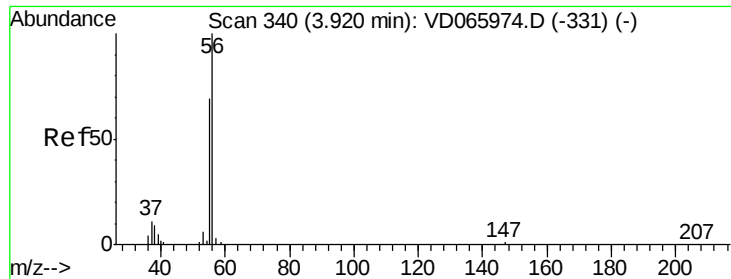


#12

1,1-Dichloroethene
 Concen: 51.750 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion: 96 Resp: 108086
 Ion Ratio Lower Upper
 96 100
 61 153.9 115.4 173.0
 98 59.4 51.5 77.3

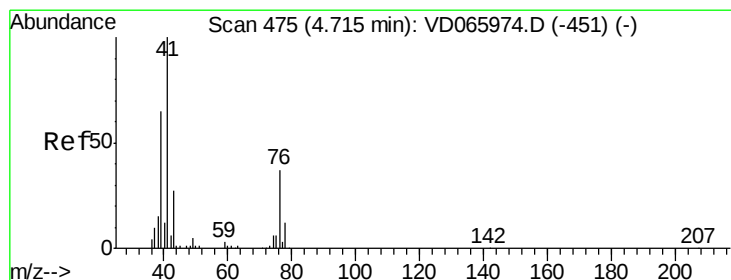
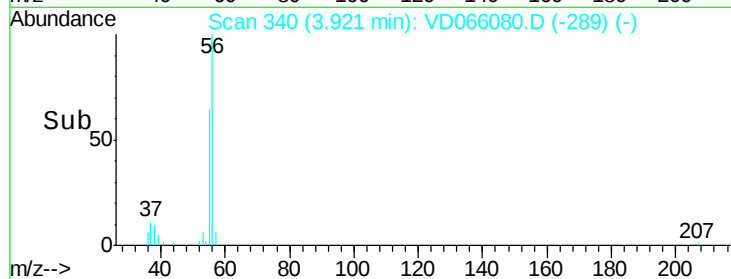
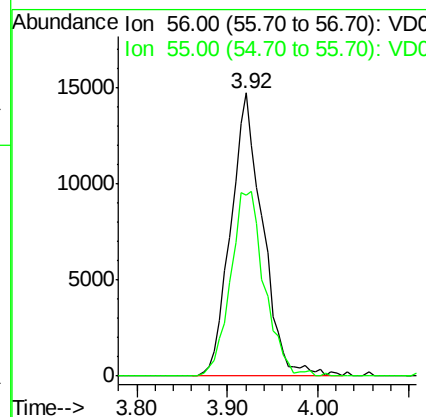
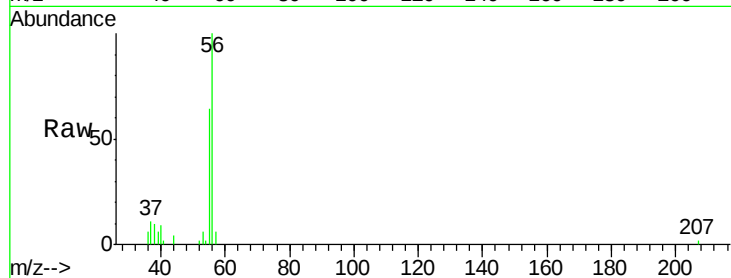




#13
Acrolein
Concen: 207.635 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

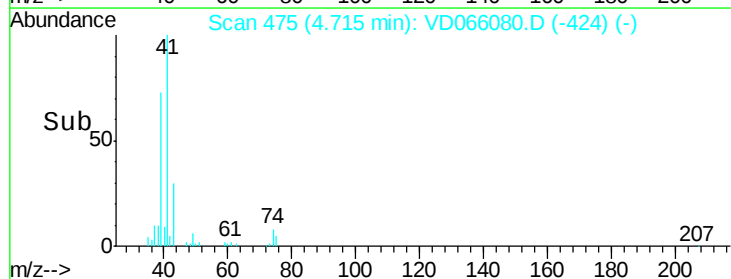
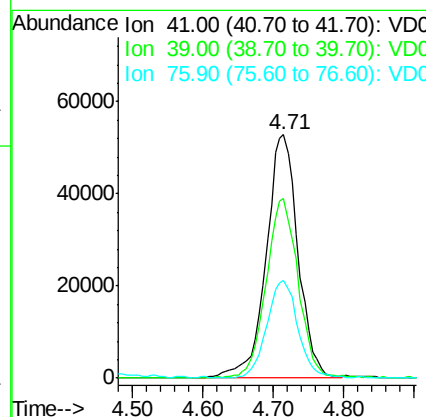
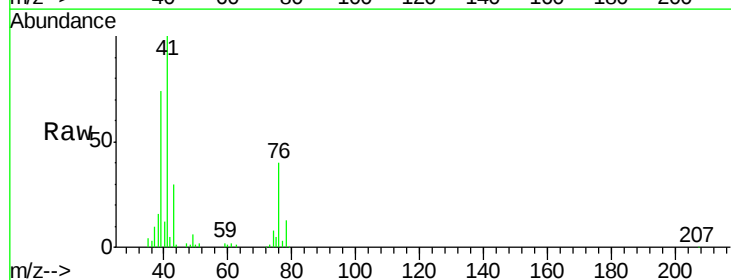
Instrument :
MSVOA_D
ClientSampleId :

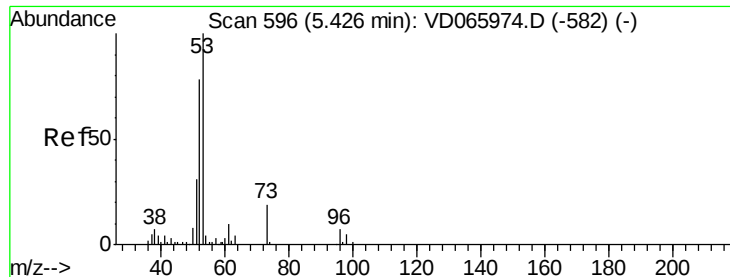
Tot Ion: 56 Resp: 35958
Ion Ratio Lower Upper
56 100
55 68.9 55.8 83.8



#14
Allyl chloride
Concen: 50.967 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 41 Resp: 166402
Ion Ratio Lower Upper
41 100
39 74.5 53.4 80.2
76 39.2 29.1 43.7





#15

Acrylonitrile

Concen: 270.861 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :

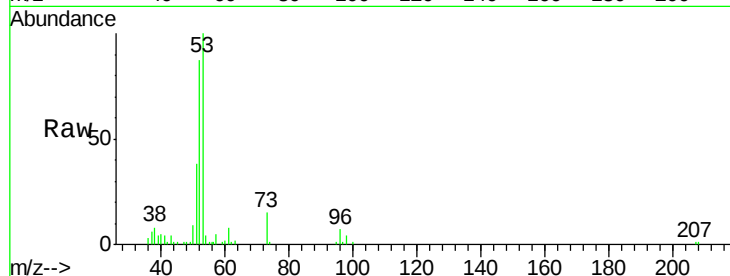
Tot Ion: 53 Resp: 115908

Ion Ratio Lower Upper

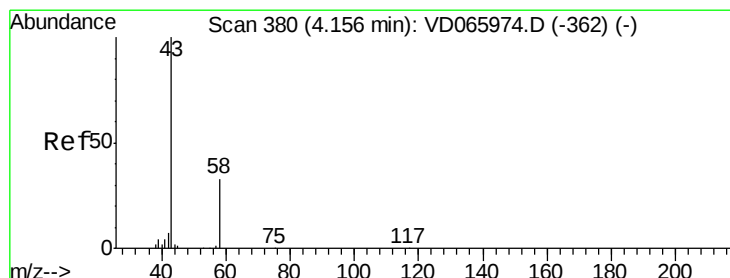
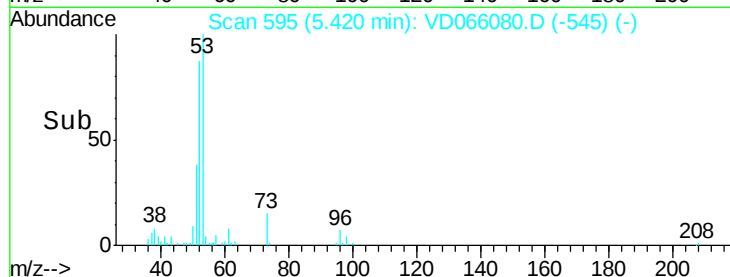
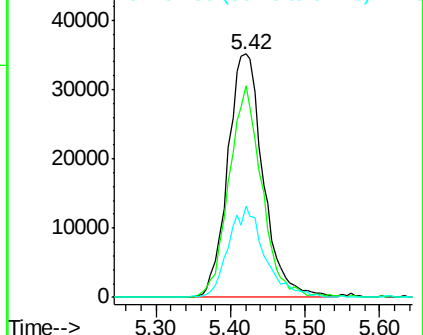
53 100

52 80.2 67.1 100.7

51 38.0 28.7 43.1



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: 233.347 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066080.D

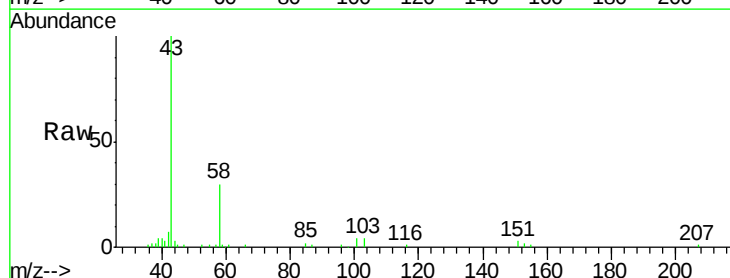
Acq: 28 Jul 2020 16:36

Tgt Ion: 43 Resp: 97086

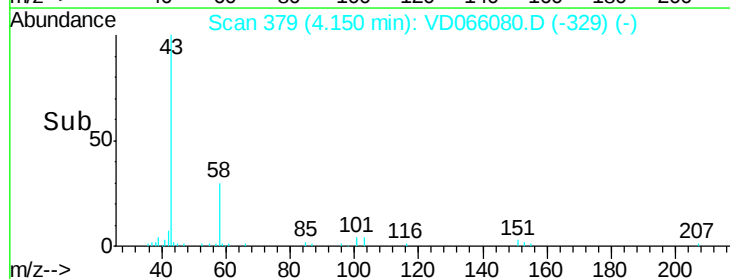
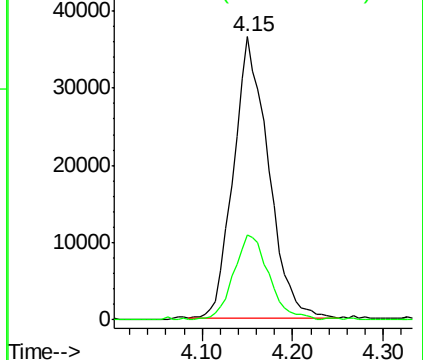
Ion Ratio Lower Upper

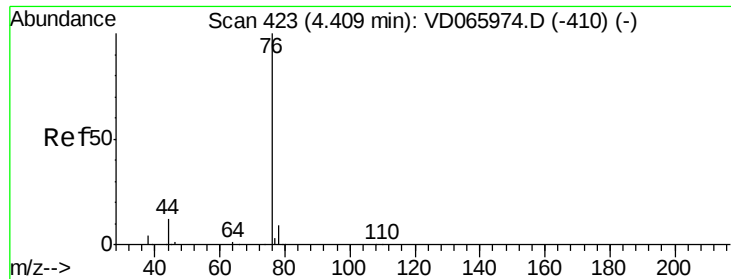
43 100

58 30.3 26.3 39.5



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

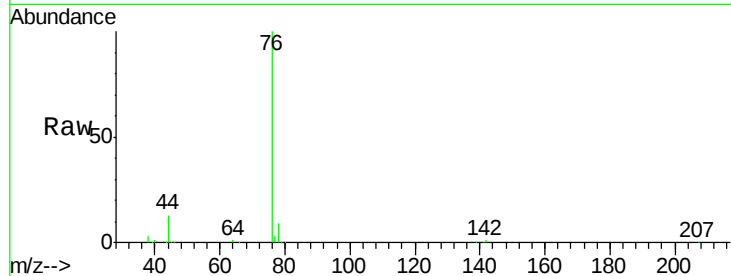




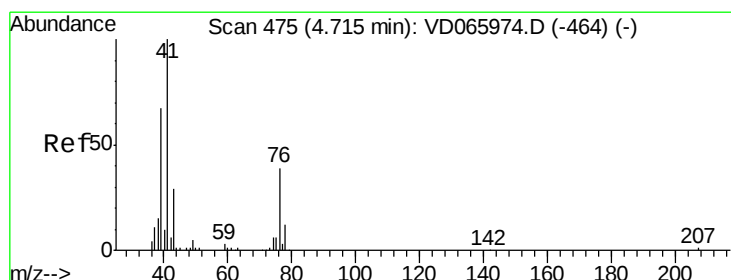
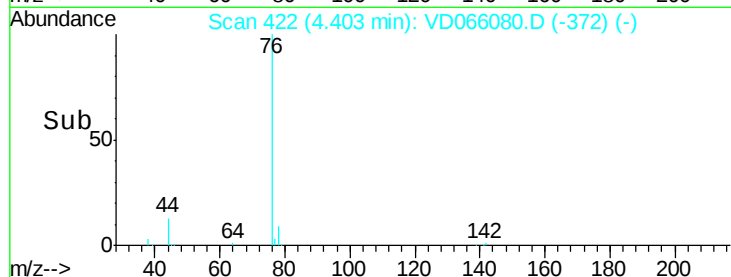
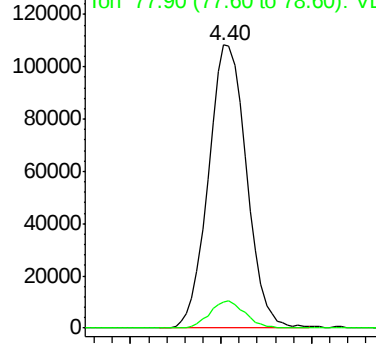
#17
Carbon Disulfide
Concen: 46.795 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 76 Resp: 317031
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

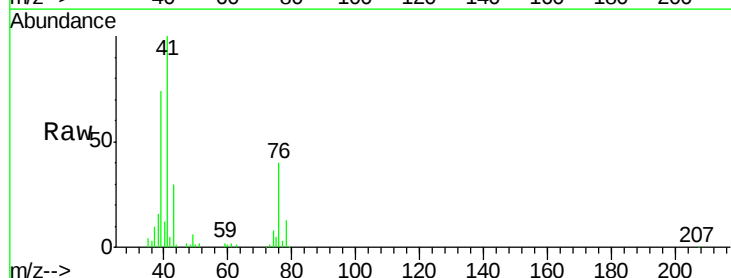


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

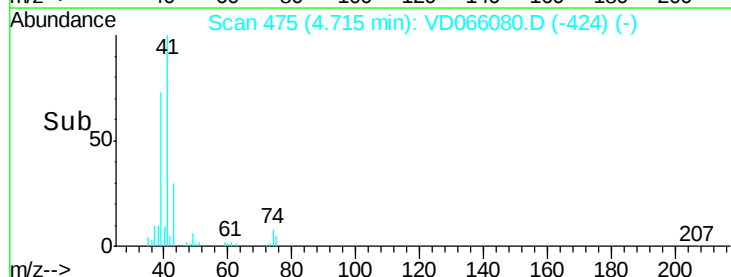
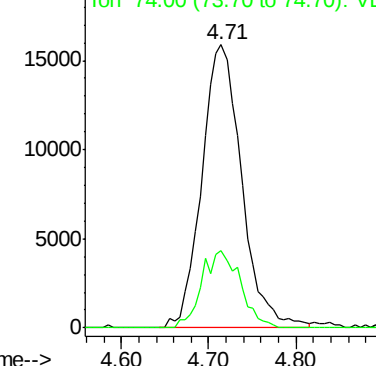


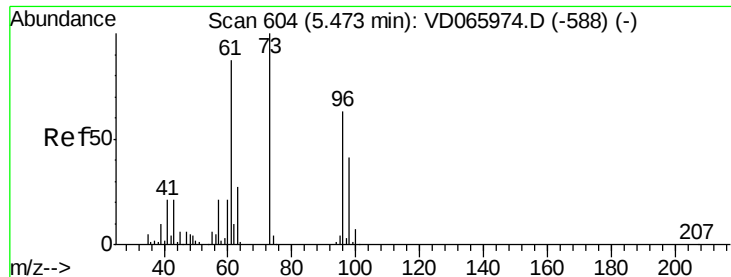
#18
Methyl Acetate
Concen: 50.854 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 43 Resp: 49220
Ion Ratio Lower Upper
43 100
74 26.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

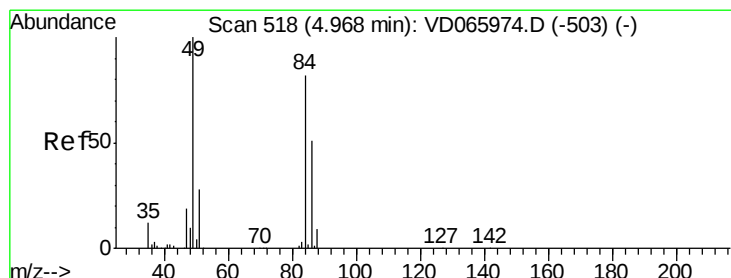
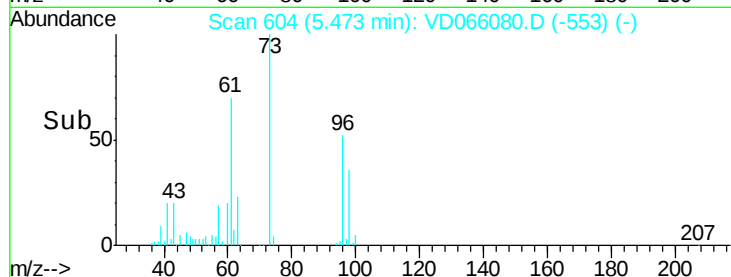
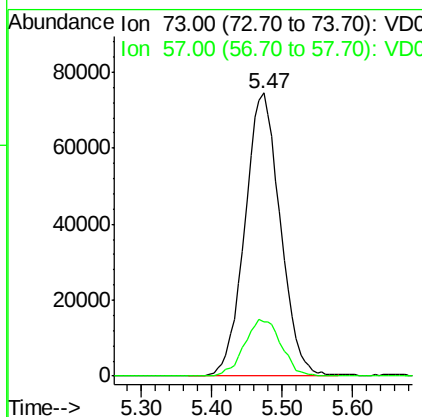
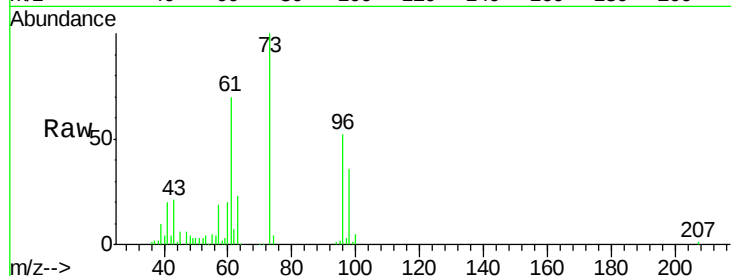




#19
Methyl tert-butyl Ether
Concen: 60.771 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

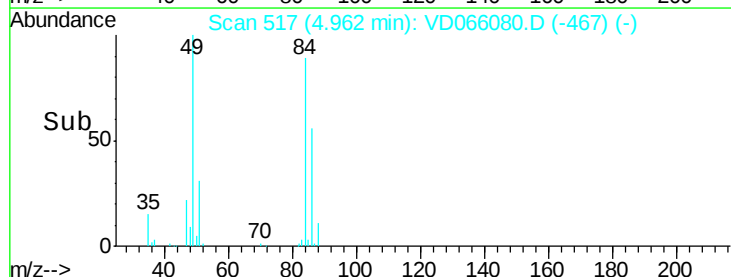
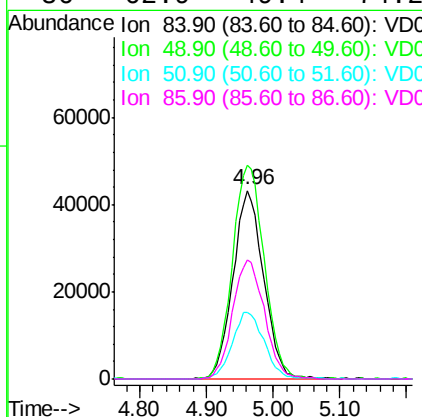
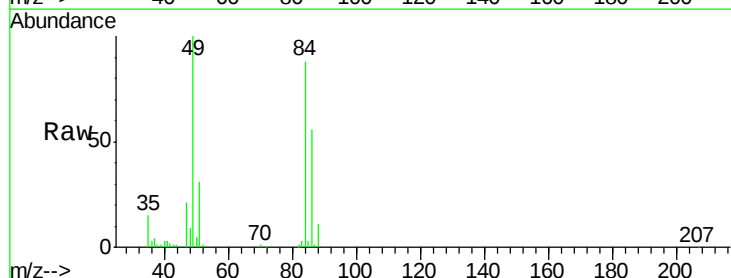
Instrument :
MSVOA_D
ClientSampled :

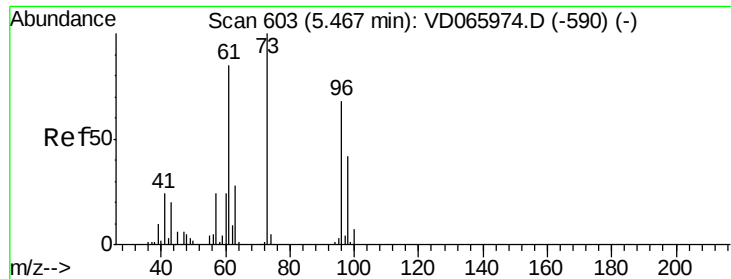
Tot Ion: 73 Resp: 260789
Ion Ratio Lower Upper
73 100
57 19.1 17.0 25.4



#20
Methylene Chloride
Concen: 60.484 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 84 Resp: 137716
Ion Ratio Lower Upper
84 100
49 113.3 97.7 146.5
51 35.2 27.4 41.2
86 62.9 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 53.634 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :

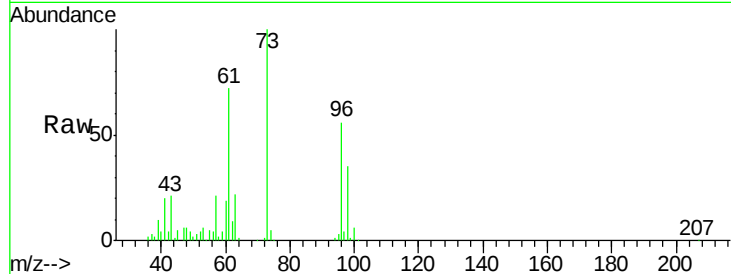
Tot Ion: 96 Resp: 126607

Ion Ratio Lower Upper

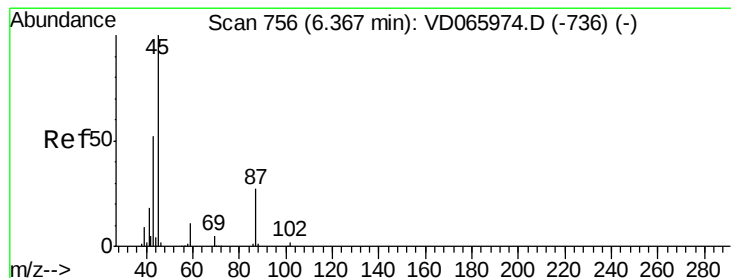
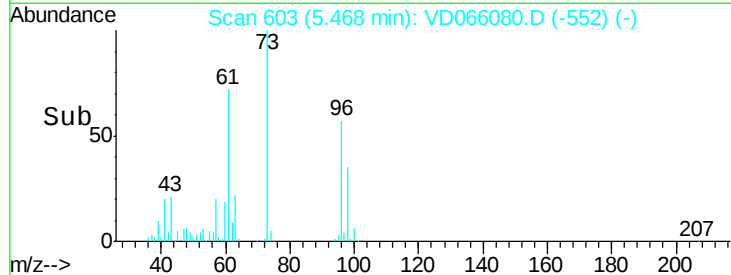
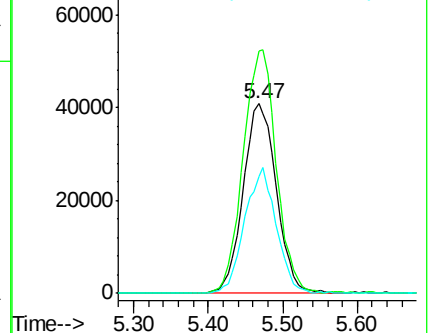
96 100

61 128.0 100.5 150.7

98 61.7 49.7 74.5



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



#22

Diisopropyl ether

Concen: 54.041 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Tgt Ion: 45 Resp: 335198

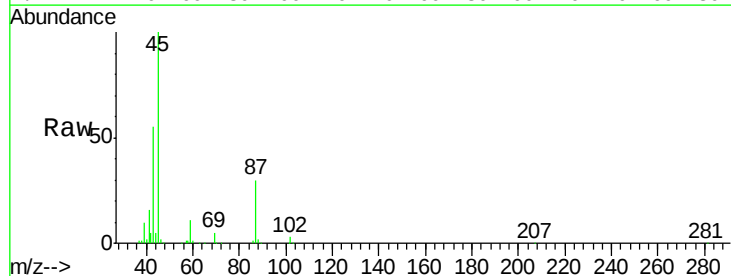
Ion Ratio Lower Upper

45 100

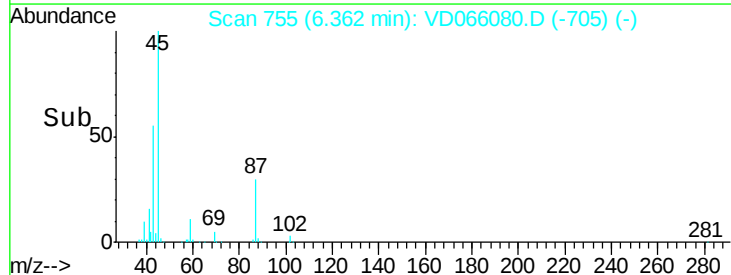
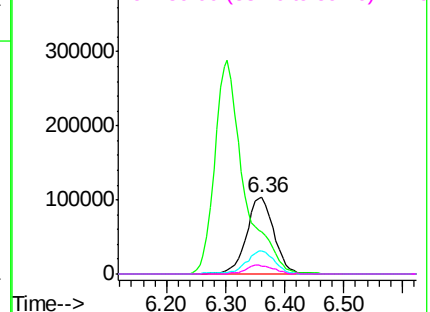
43 54.3 43.0 64.4

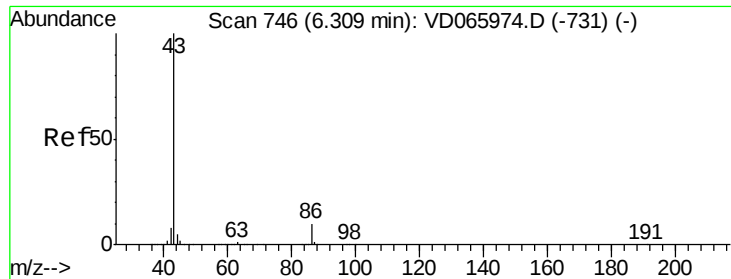
87 29.3 22.0 33.0

59 10.8 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 281.793 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

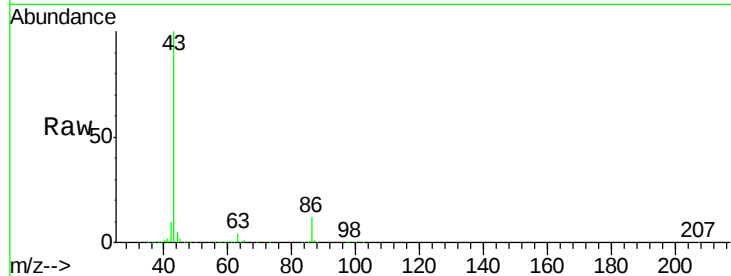
ClientSampleId :

Tot Ion: 43 Resp: 985750

Ion Ratio Lower Upper

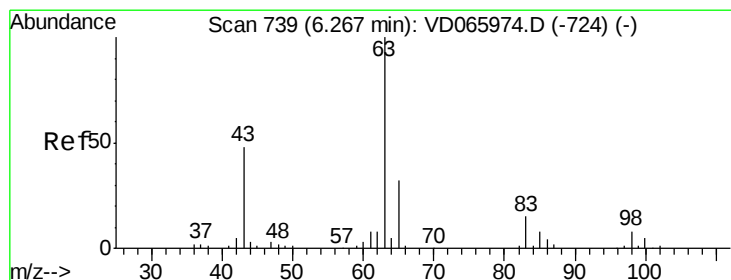
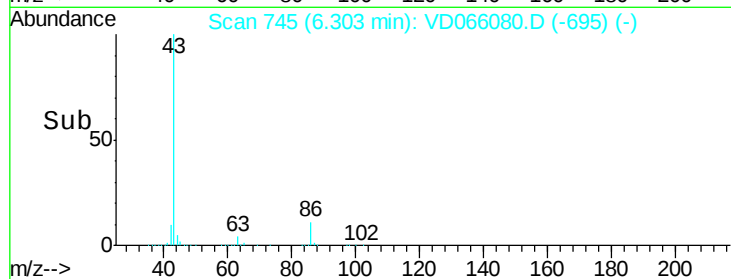
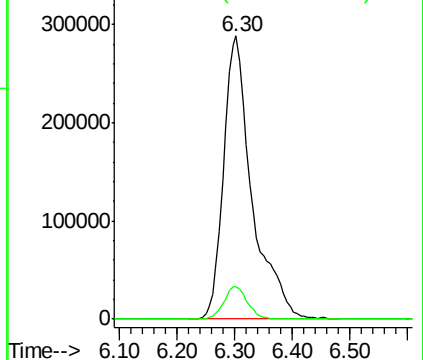
43 100

86 11.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 55.072 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

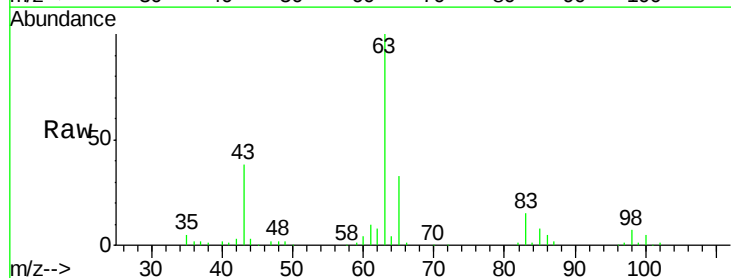
Tgt Ion: 63 Resp: 206975

Ion Ratio Lower Upper

63 100

98 7.3 4.3 12.8

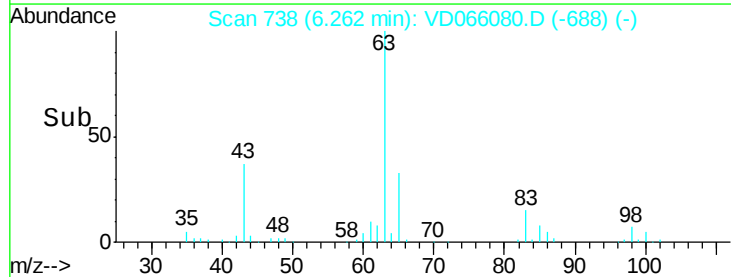
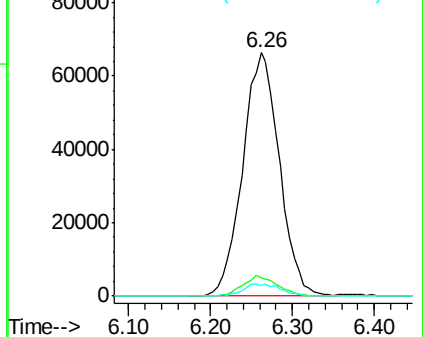
100 4.6 2.5 7.5

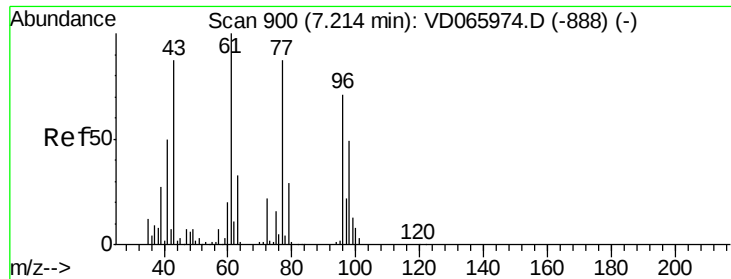


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 258.608 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

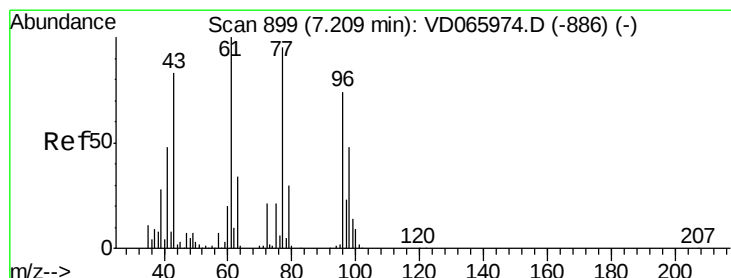
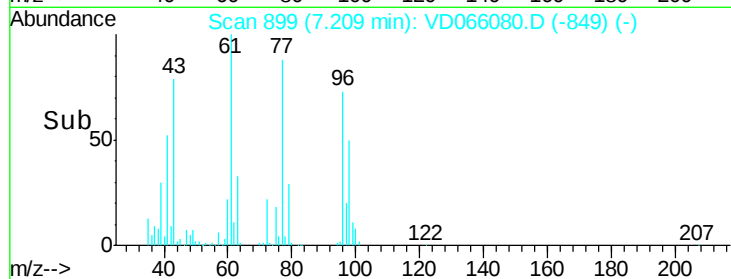
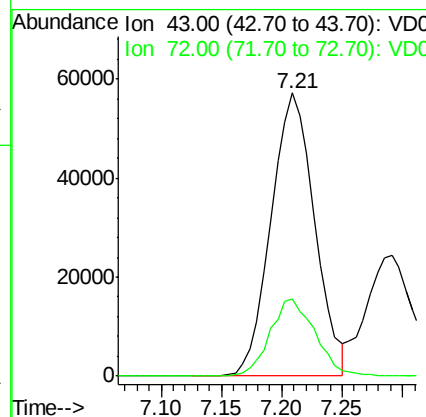
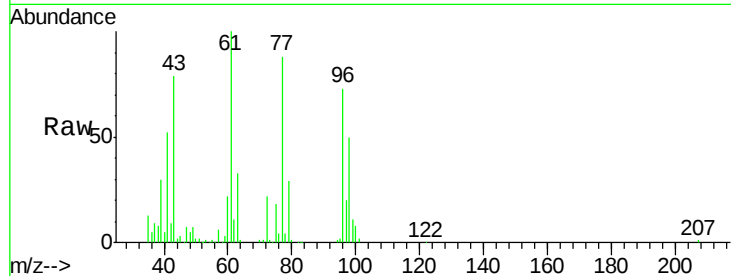
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 142771

Ion Ratio Lower Upper

43 100

72 27.2 20.2 30.2



#26

2,2-Dichloropropane

Concen: 57.191 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066080.D

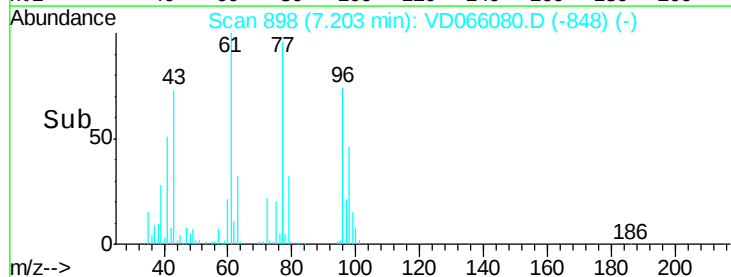
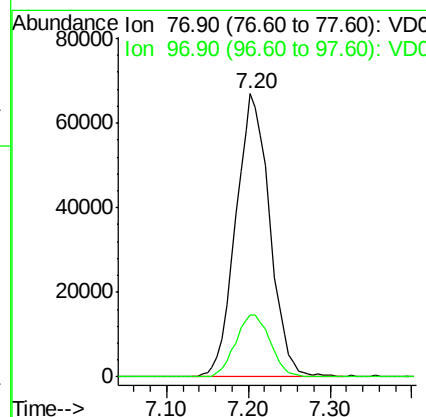
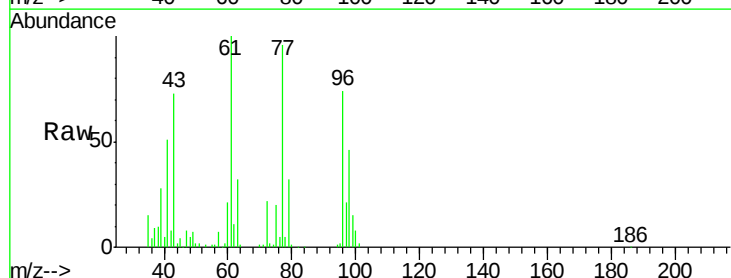
Acq: 28 Jul 2020 16:36

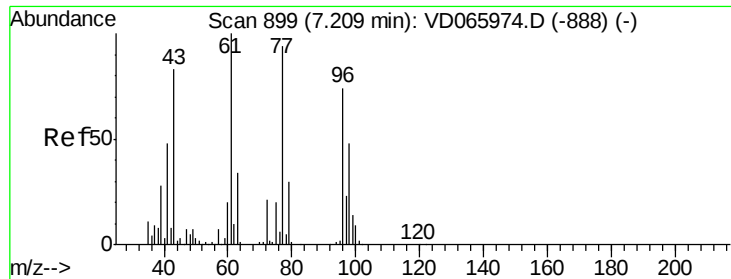
Tgt Ion: 77 Resp: 193285

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7



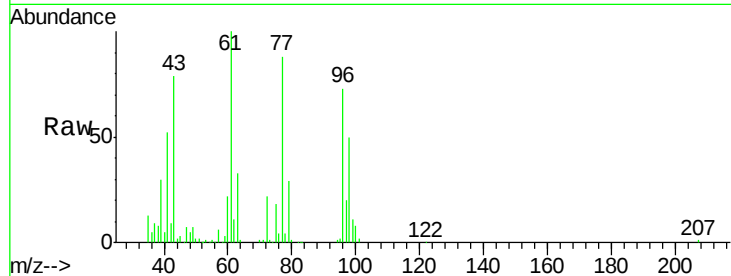


#27

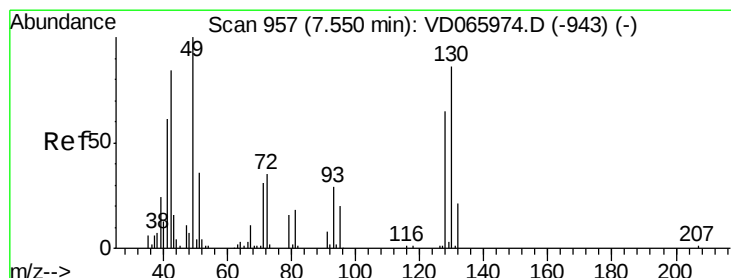
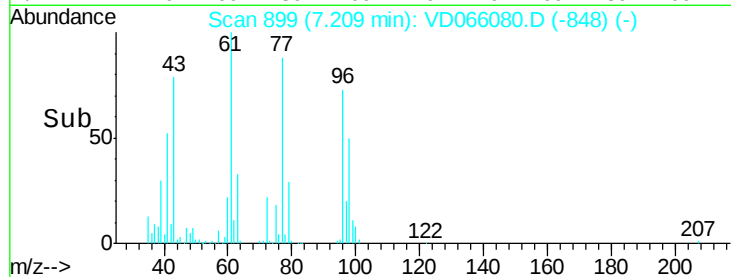
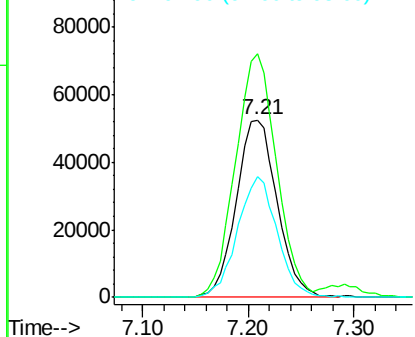
cis-1,2-Dichloroethene
 Concen: 56.408 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 96 Resp: 140982
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 276.6
 98 66.0 0.0 130.8



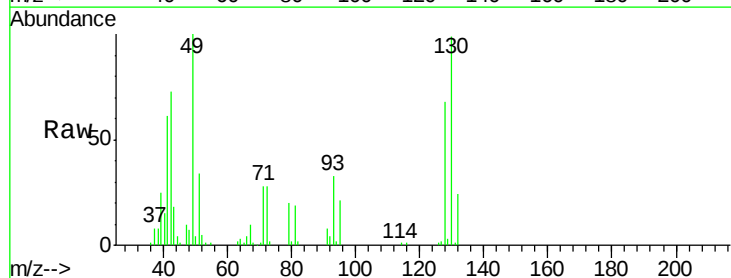
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



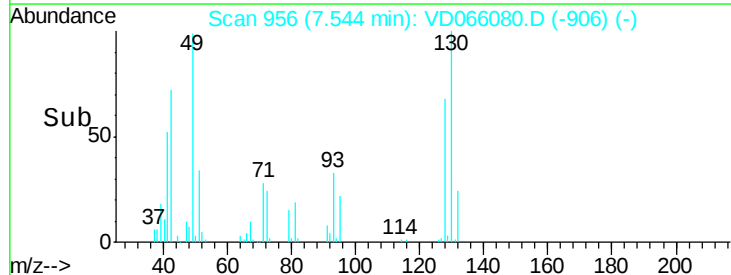
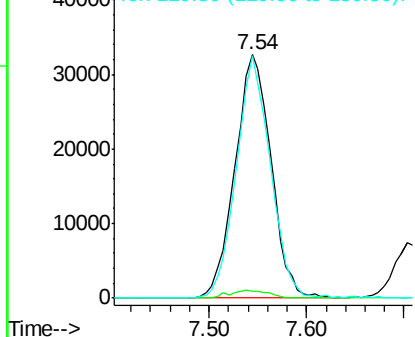
#28

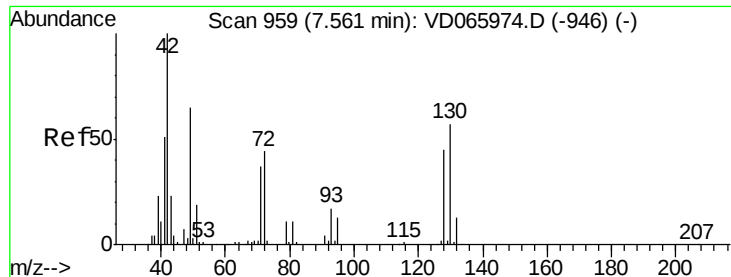
Bromochloromethane
 Concen: 52.565 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion: 49 Resp: 83848
 Ion Ratio Lower Upper
 49 100
 129 3.5 0.0 4.8
 130 93.8 68.4 102.6



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





#29

Tetrahydrofuran

Concen: 266.026 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampled :

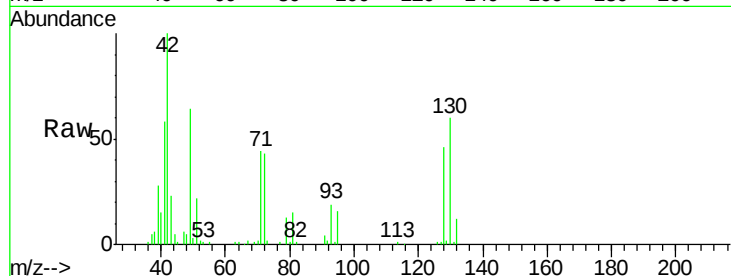
Tot Ion: 42 Resp: 90617

Ion Ratio Lower Upper

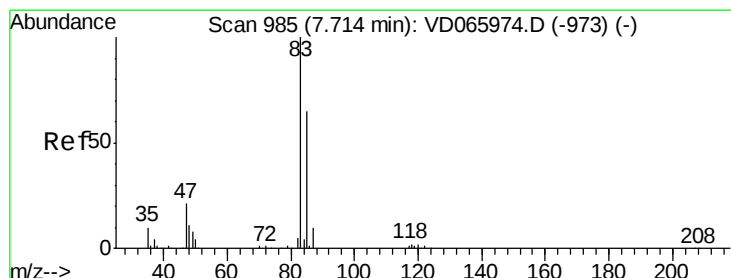
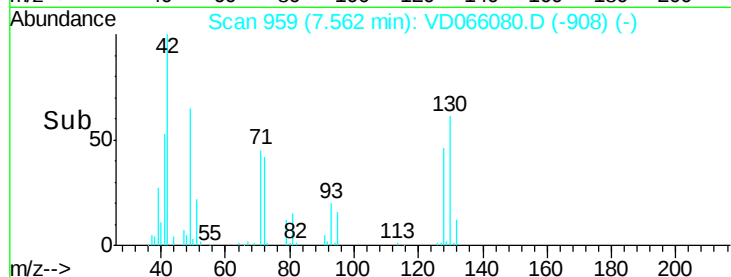
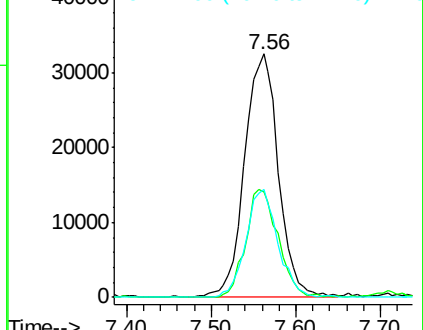
42 100

72 42.6 34.2 51.2

71 41.8 31.4 47.2



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: 58.960 ug/l

RT: 7.70 min Scan# 983

Delta R.T. -0.01 min

Lab File: VD066080.D

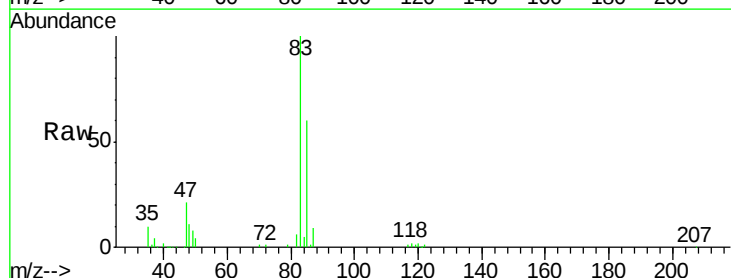
Acq: 28 Jul 2020 16:36

Tgt Ion: 83 Resp: 231788

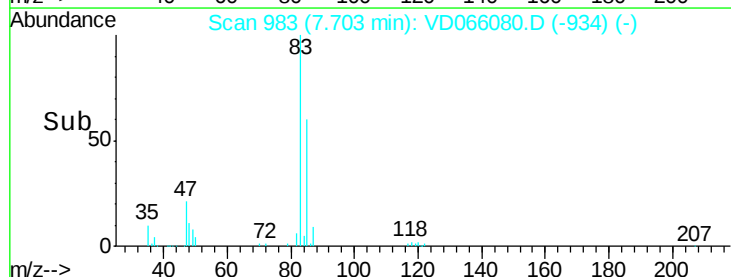
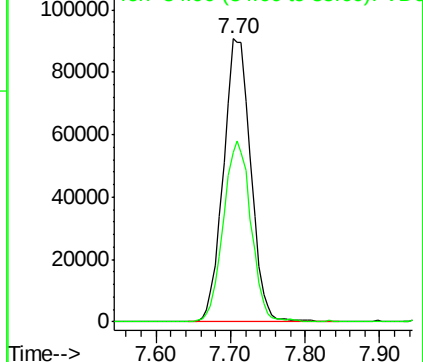
Ion Ratio Lower Upper

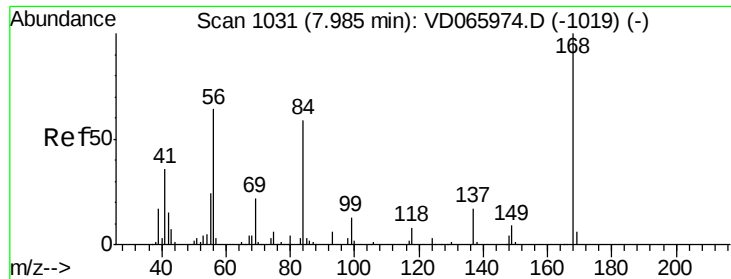
83 100

85 60.1 52.1 78.1



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

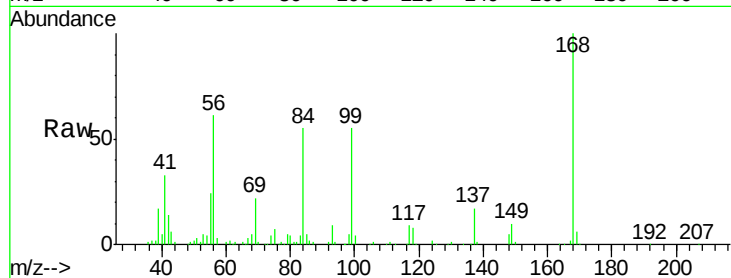




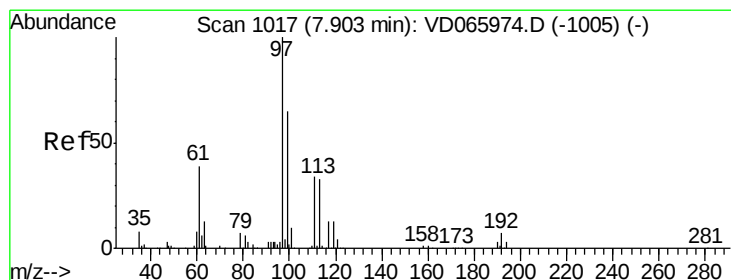
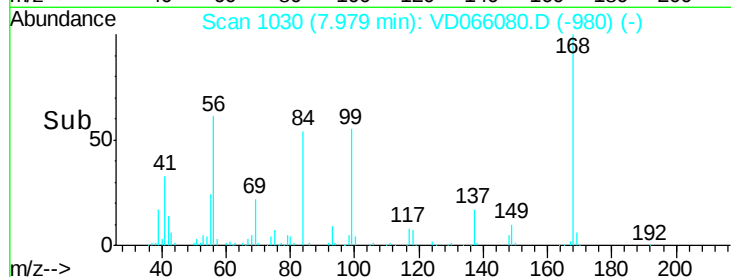
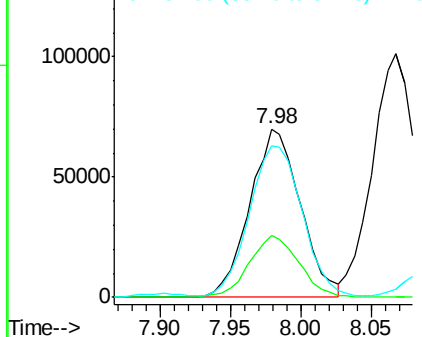
#31
Cyclohexane
Concen: 47.566 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 175873
Ion Ratio Lower Upper
56 100
69 36.7 28.0 42.0
84 89.1 72.6 109.0

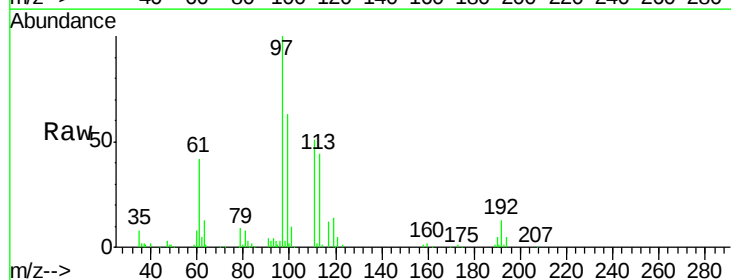


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

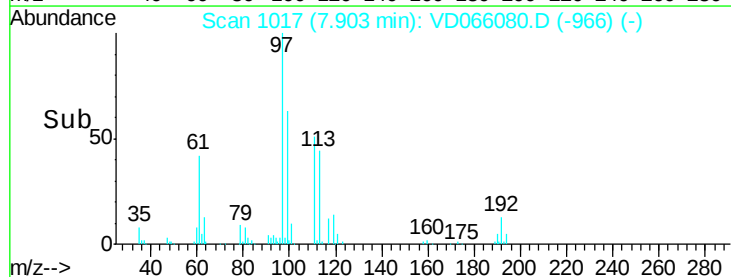
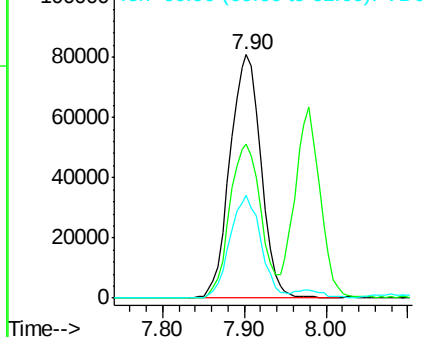


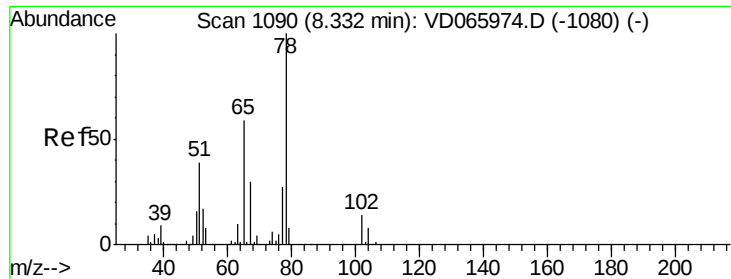
#32
1,1,1-Trichloroethane
Concen: 58.829 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 97 Resp: 213928
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 42.0 33.3 49.9



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: 56.117 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

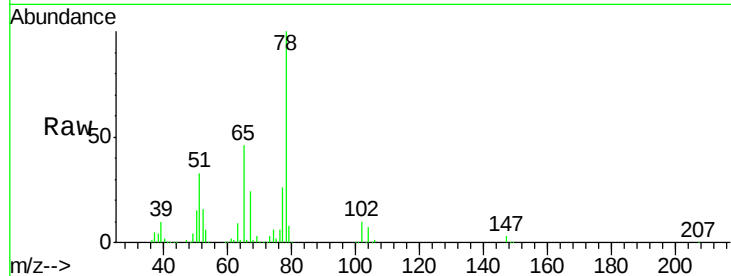
ClientSampled :

Tot Ion: 65 Resp: 115348

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.0

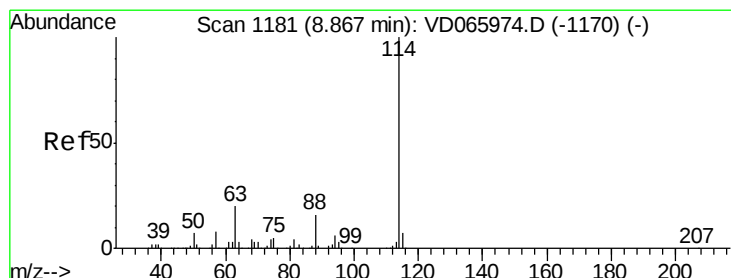
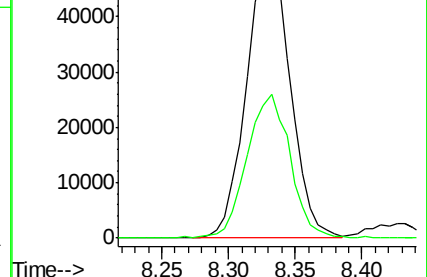
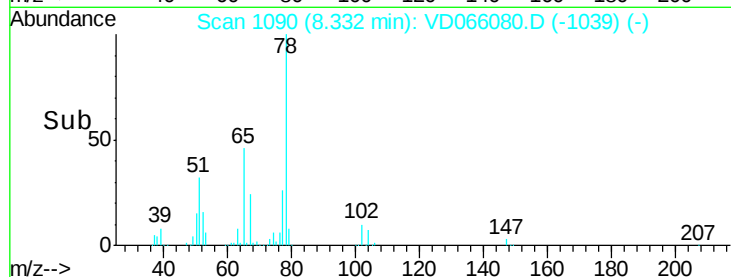


Abundance Ion 64.90 (64.60 to 65.60): VD066080.D (-1039) (-)

Ion 66.90 (66.60 to 67.60): VD066080.D (-1039) (-)

8.33

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

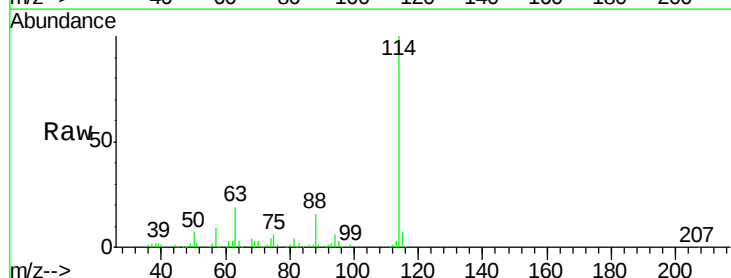
Tgt Ion: 114 Resp: 367965

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.8 0.0 31.2



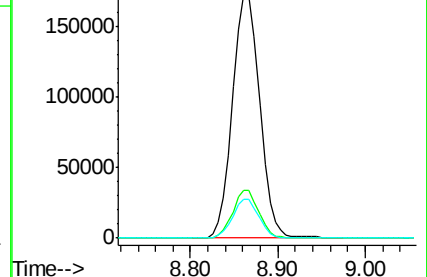
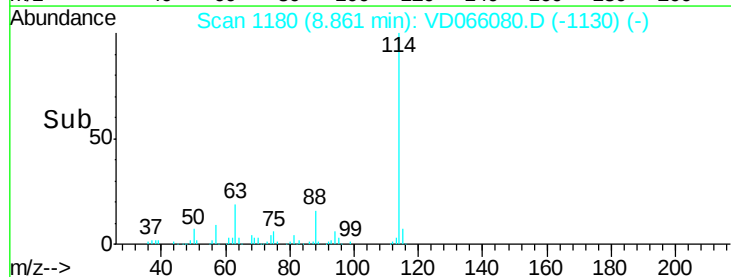
Abundance Ion 113.90 (113.60 to 114.60): VD066080.D (-1130) (-)

Ion 63.00 (62.70 to 63.70): VD066080.D (-1130) (-)

Ion 87.90 (87.60 to 88.60): VD066080.D (-1130) (-)

8.86

Time-->

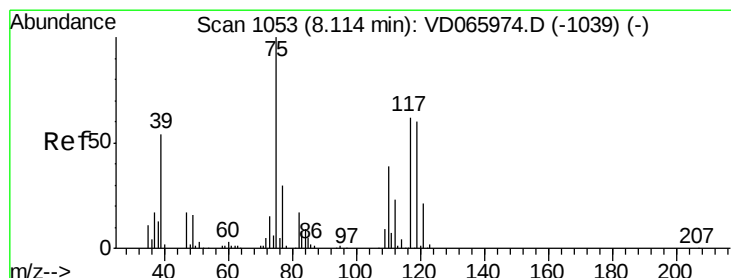
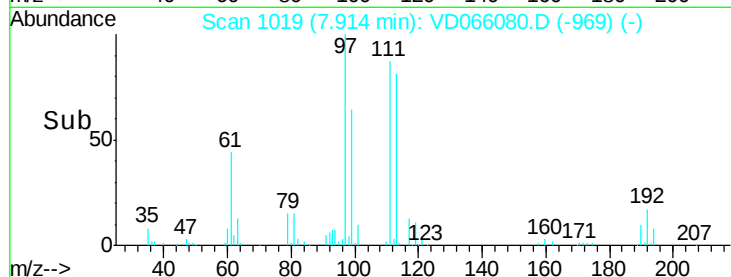
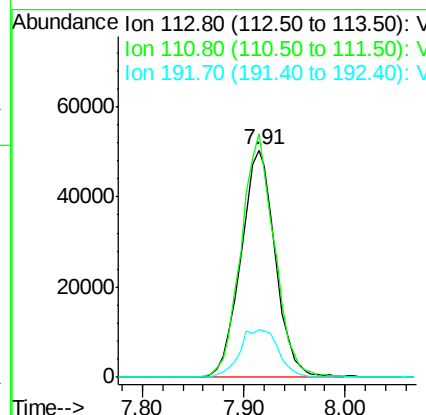
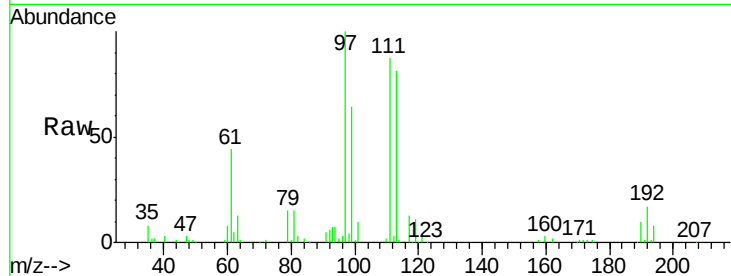




#35
 Dibromofluoromethane
 Concen: 52.955 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

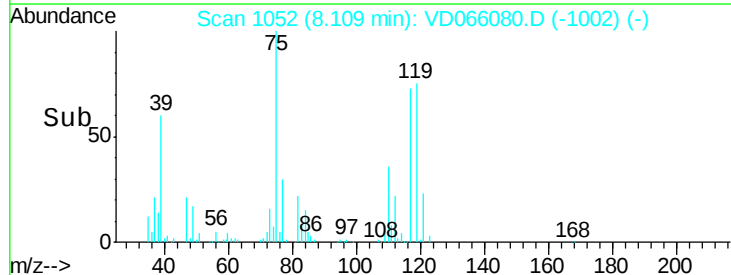
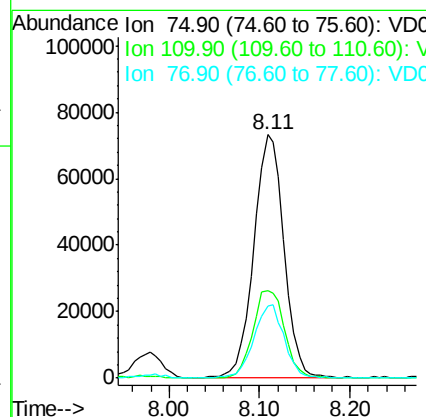
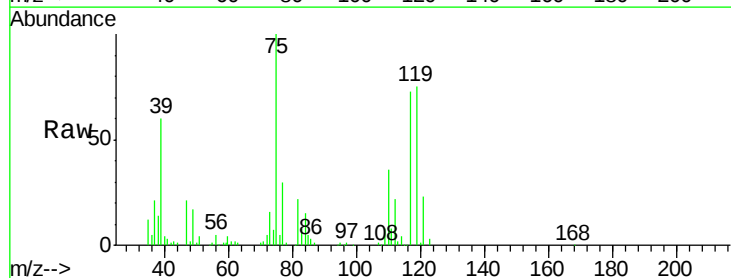
Instrument :
 MSVOA_D
 ClientSampleId :

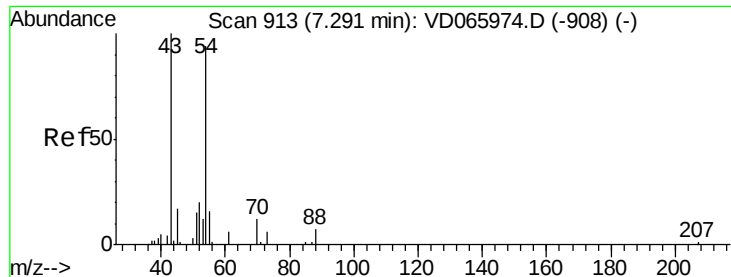
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.2	124.8
192	23.8	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 53.442 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.5	58.5
77	30.3	24.7	37.1

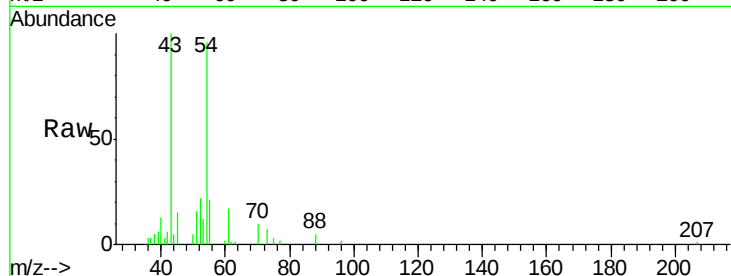




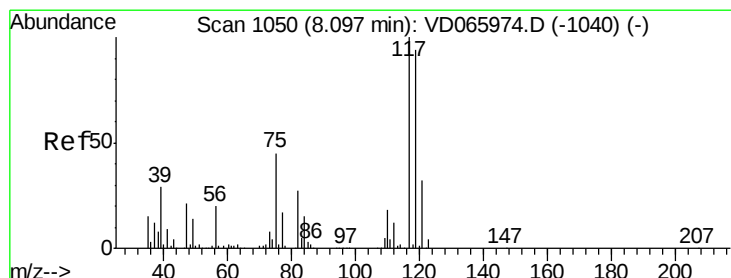
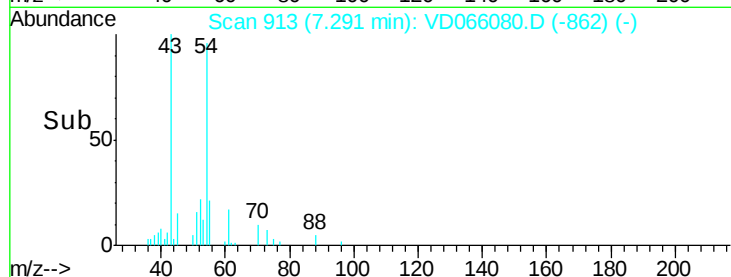
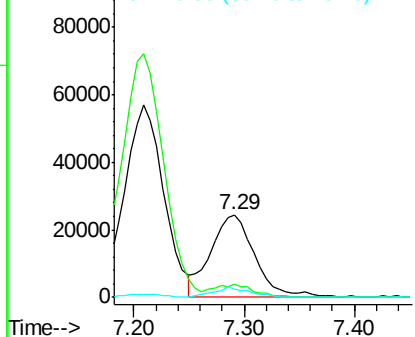
#37
Ethyl Acetate
Concen: 55.906 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 67050
Ion Ratio Lower Upper
43 100
61 13.7 11.4 17.0
70 10.4 9.3 13.9

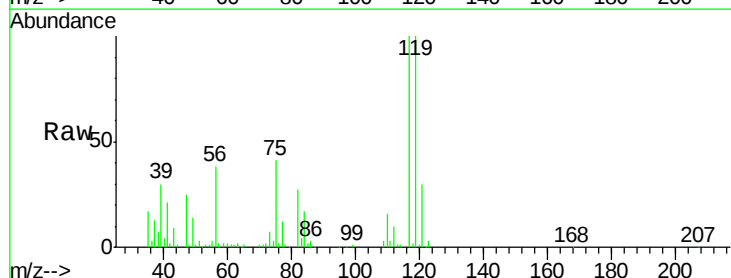


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

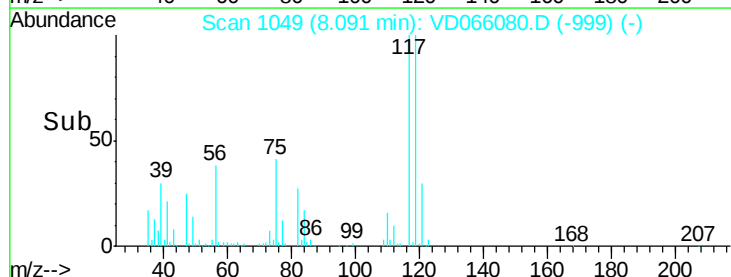
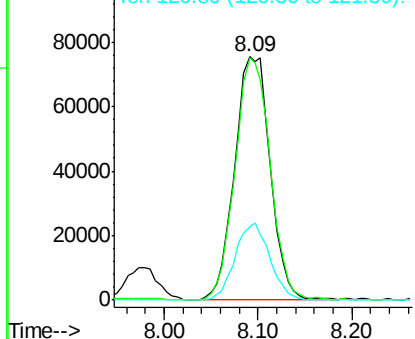


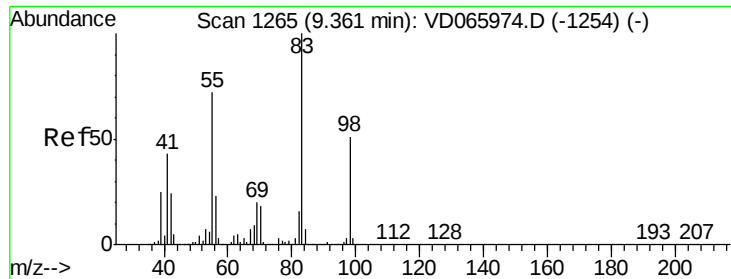
#38
Carbon Tetrachloride
Concen: 57.767 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 117 Resp: 196840
Ion Ratio Lower Upper
117 100
119 99.8 75.0 112.6
121 30.2 25.5 38.3



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

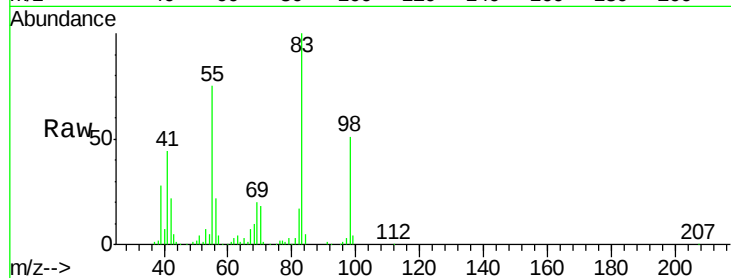




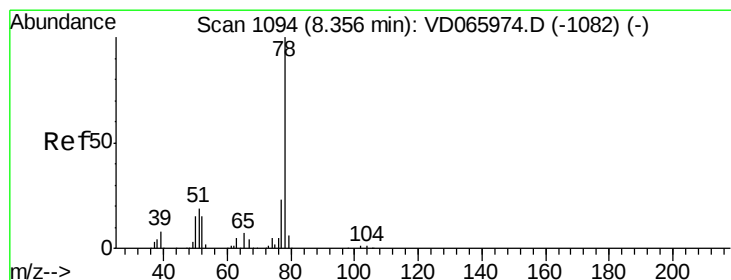
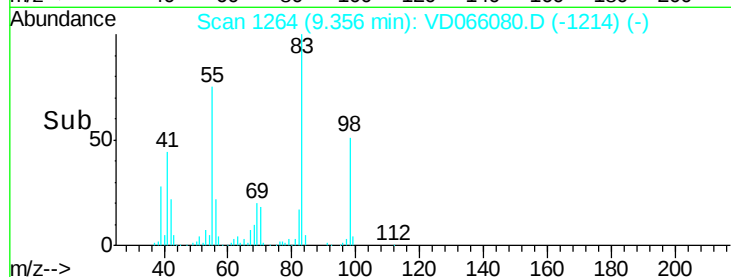
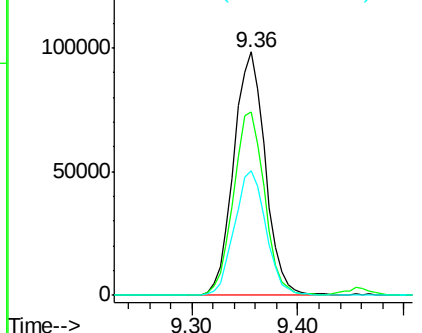
#39
Methvlcvclohexane
Concen: 53.493 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	83	Resp	203437
Ion	Ratio	Lower	Upper
83	100		
55	75.3	57.3	85.9
98	50.9	41.0	61.6

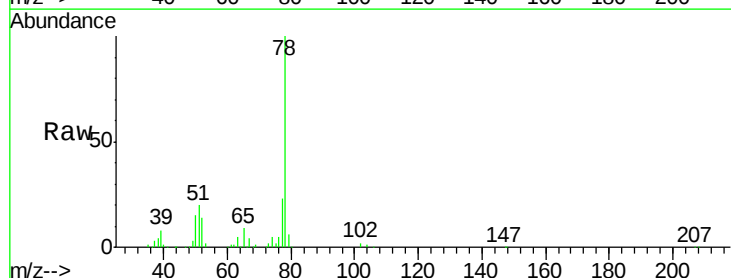


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

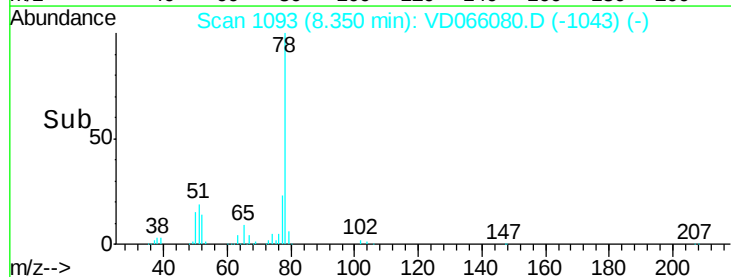
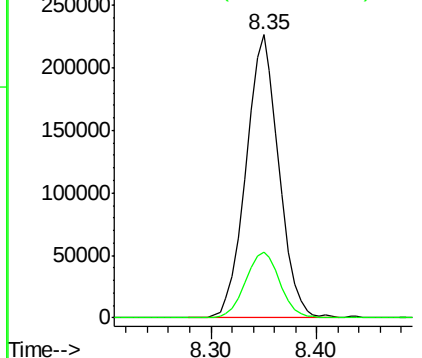


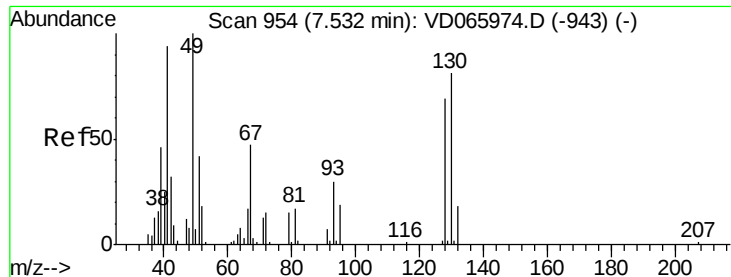
#40
Benzene
Concen: 55.657 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	78	Resp	488992
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

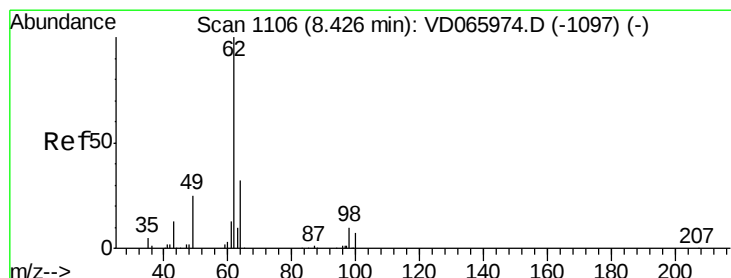
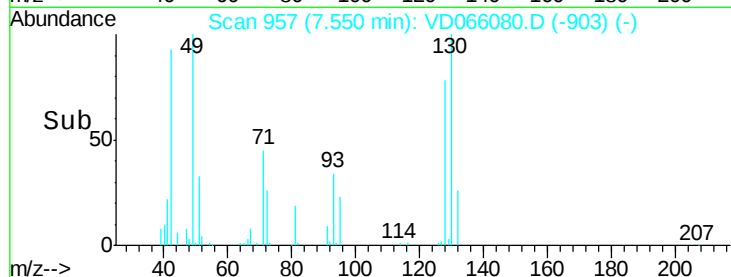
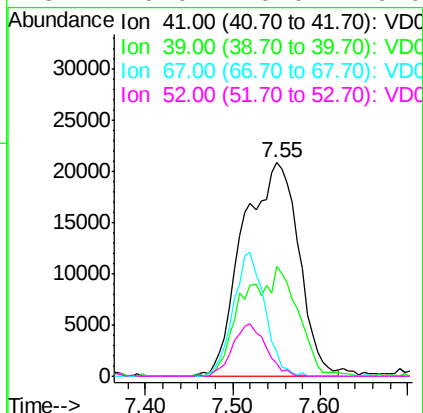
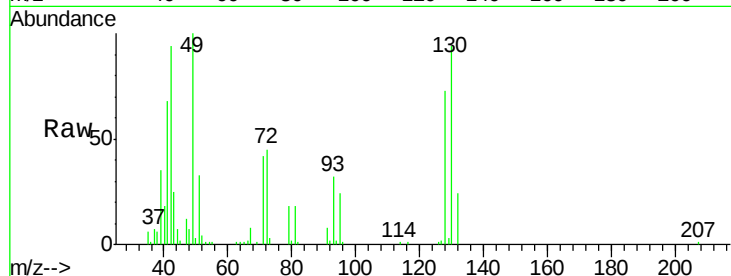




#41
Methacrylonitrile
Concen: 132.895 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.02 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

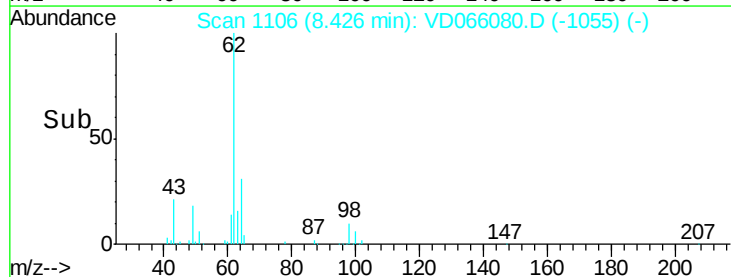
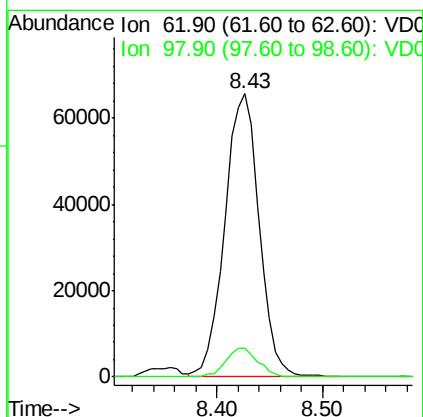
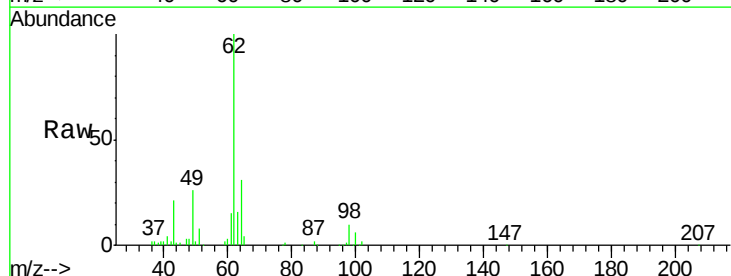
Instrument :
MSVOA_D
ClientSampleId :

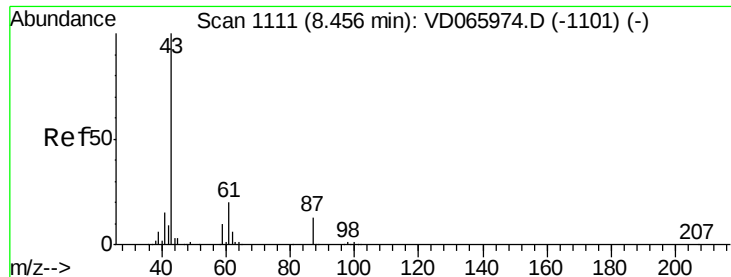
Tot Ion:	41	Resp:	91305
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 61.024 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion:	62	Resp:	146917
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 55.762 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

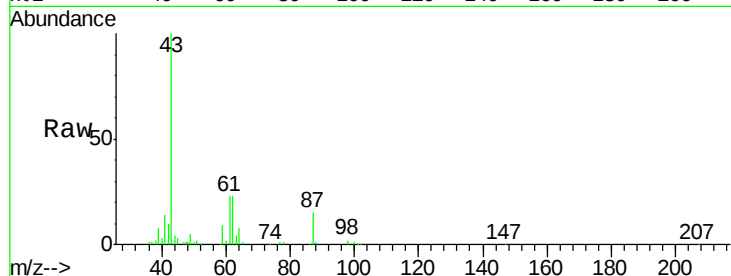
Tot Ion: 43 Resp: 130619

Ion Ratio Lower Upper

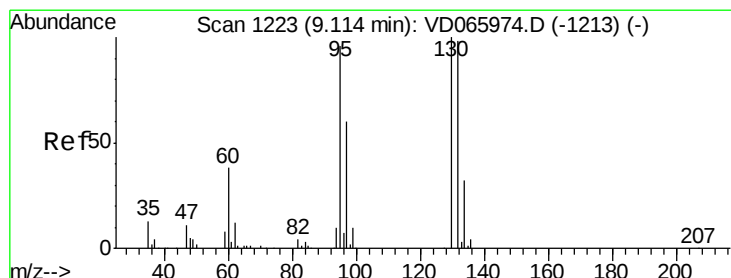
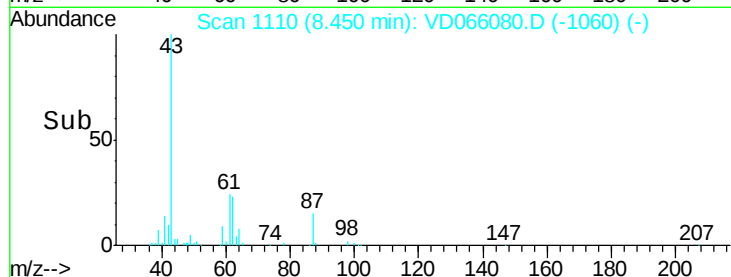
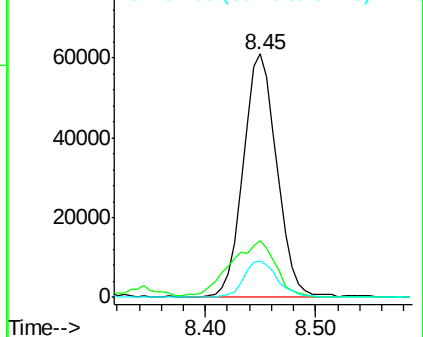
43 100

61 31.6 25.8 38.8

87 15.1 10.9 16.3



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: 54.680 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD066080.D

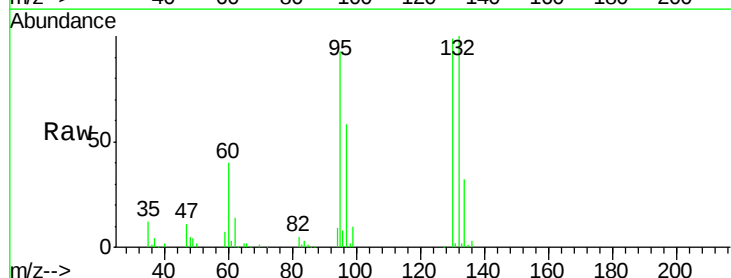
Acq: 28 Jul 2020 16:36

Tgt Ion:130 Resp: 145377

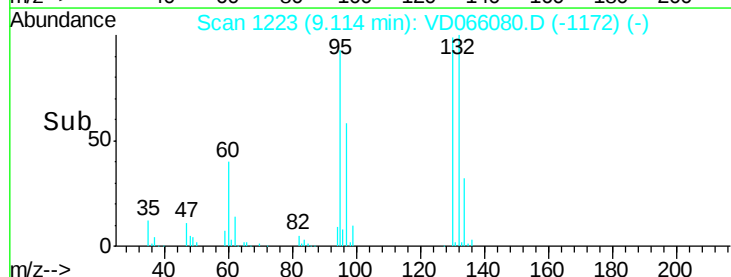
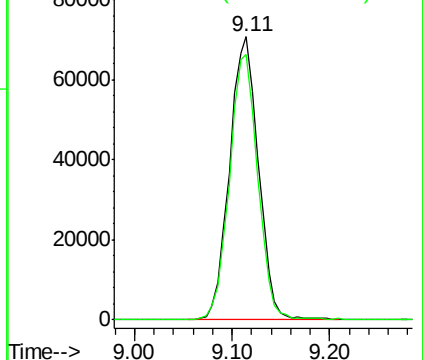
Ion Ratio Lower Upper

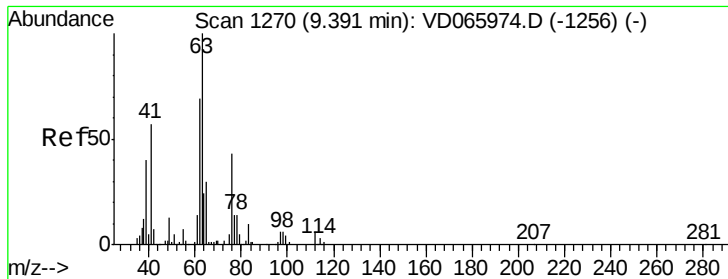
130 100

95 93.7 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 55.011 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

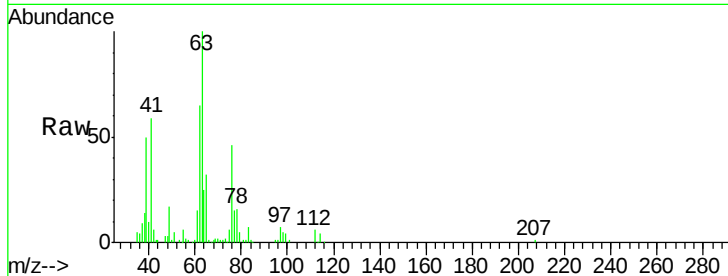
ClientSampleId :

Tot Ion: 63 Resp: 117056

Ion Ratio Lower Upper

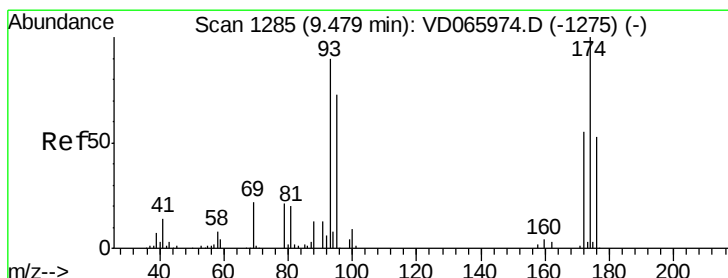
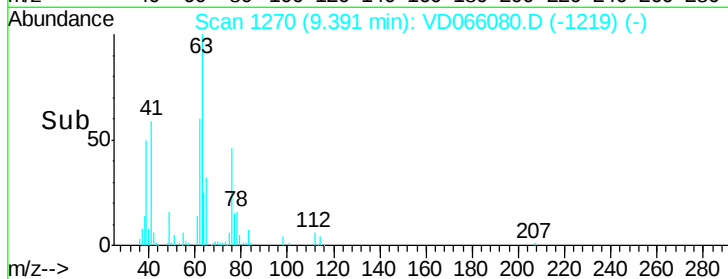
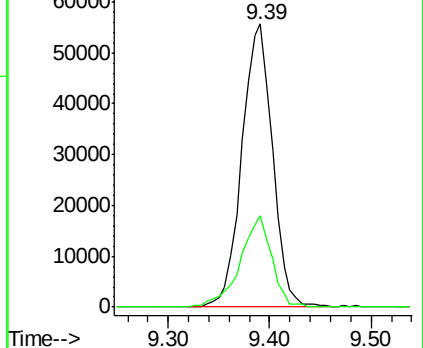
63 100

65 32.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 57.248 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

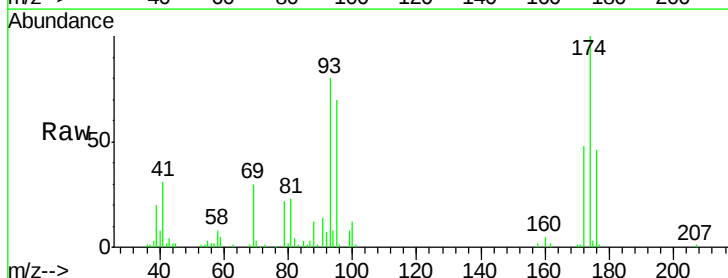
Tgt Ion: 93 Resp: 65577

Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.4

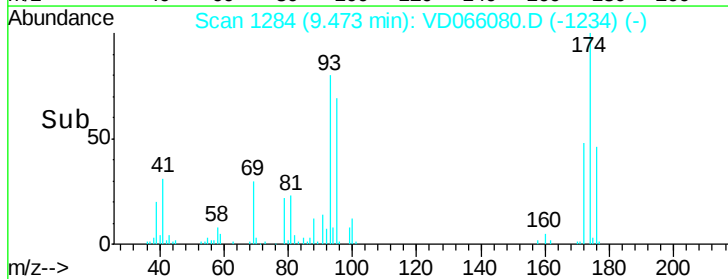
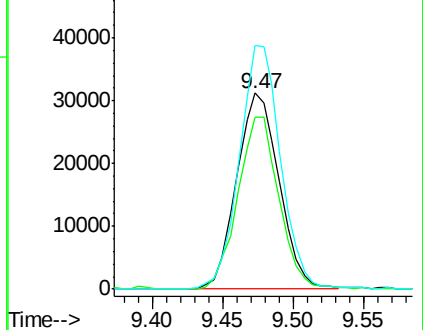
174 121.2 91.5 137.3

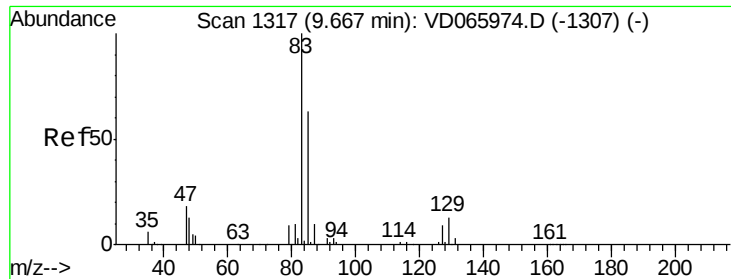


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

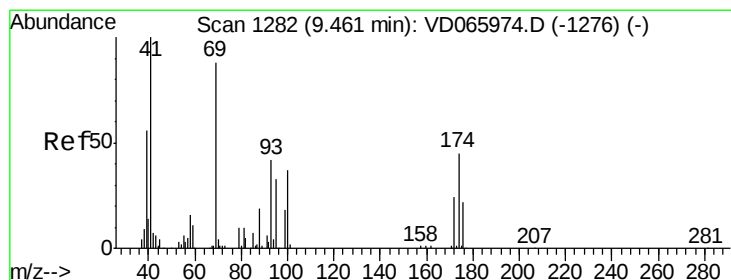
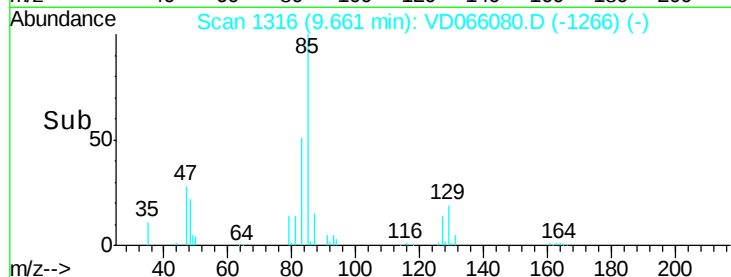
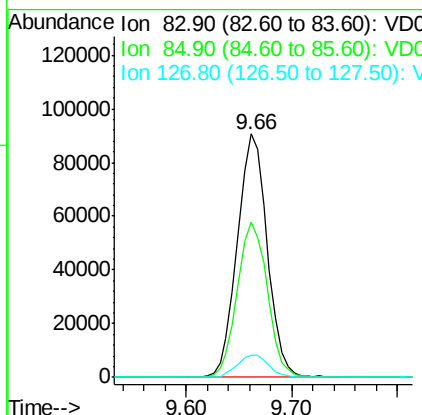
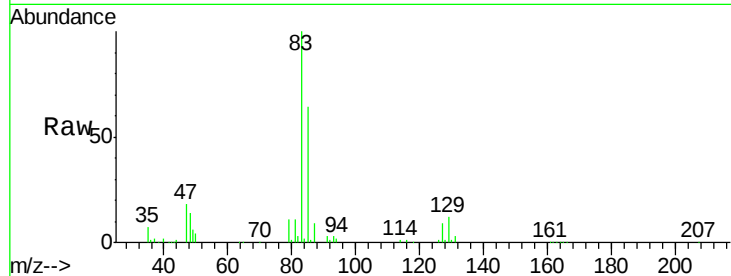




#47
Bromodichloromethane
Concen: 58.820 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

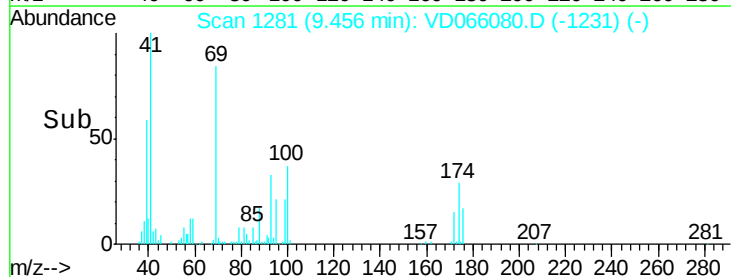
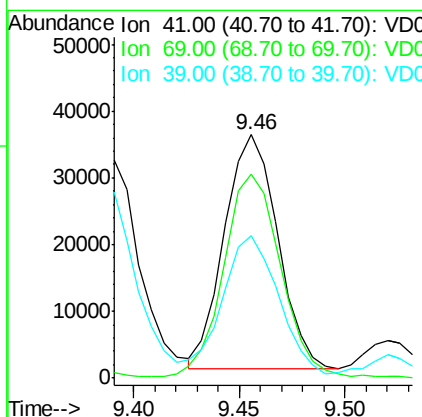
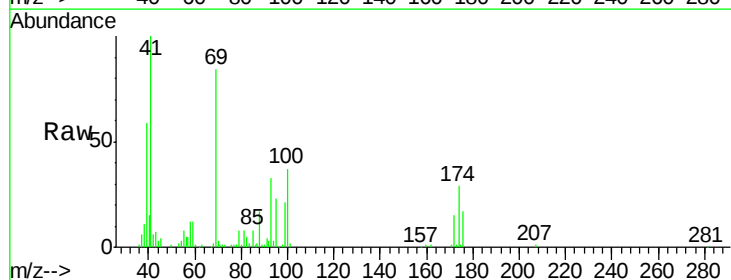
Instrument :
MSVOA_D
ClientSampled :

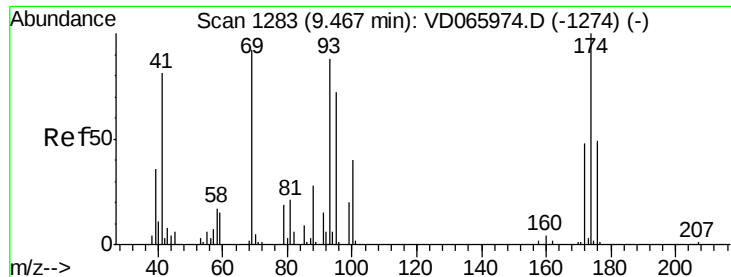
Tot Ion: 83 Resp: 178154
Ion Ratio Lower Upper
83 100
85 63.8 50.6 75.8
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 51.943 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 41 Resp: 61375
Ion Ratio Lower Upper
41 100
69 94.7 65.1 97.7
39 65.6 41.5 62.3#

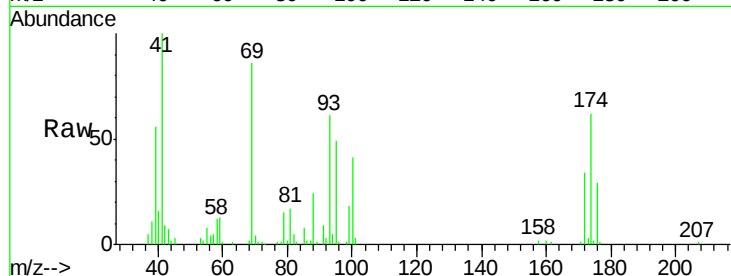




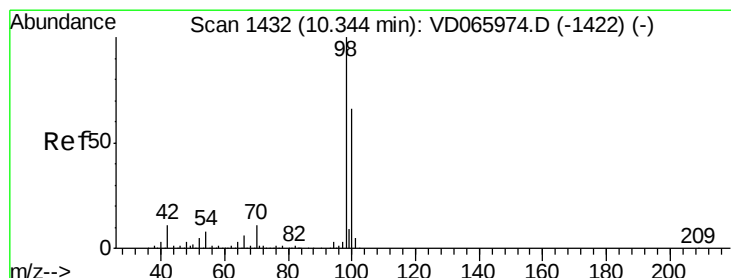
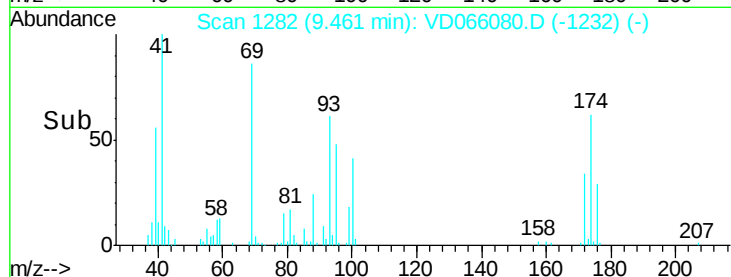
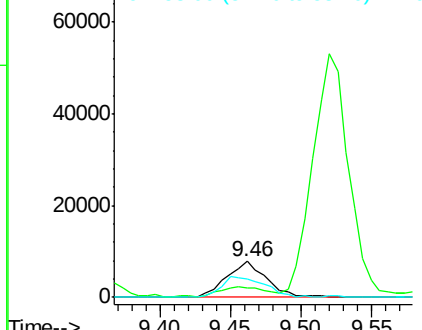
#49
1,4-Dioxane
Concen: 1162.907 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 15433
Ion Ratio Lower Upper
88 100
43 36.9 29.0 43.6
58 64.7 57.0 85.4

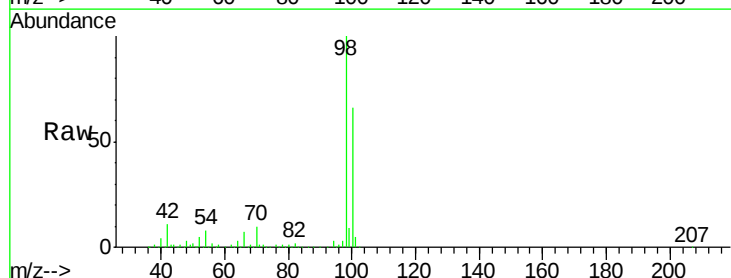


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

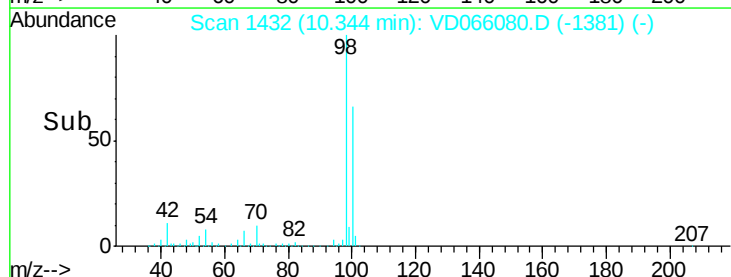
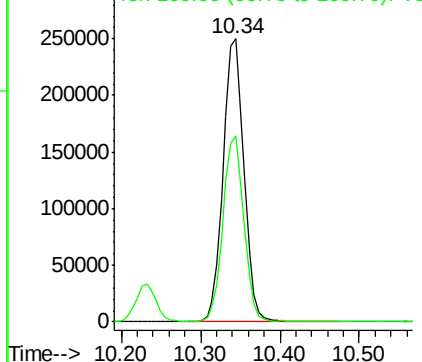


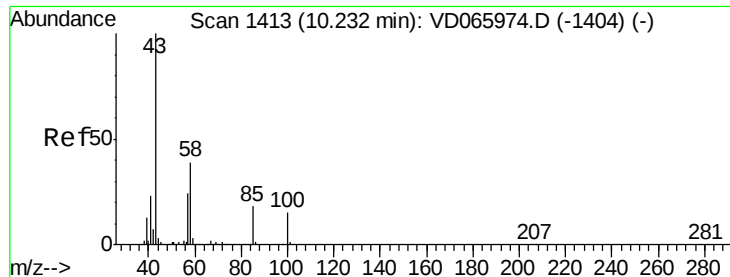
#50
Toluene-d8
Concen: 54.664 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 98 Resp: 454482
Ion Ratio Lower Upper
98 100
100 66.3 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: 277.113 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

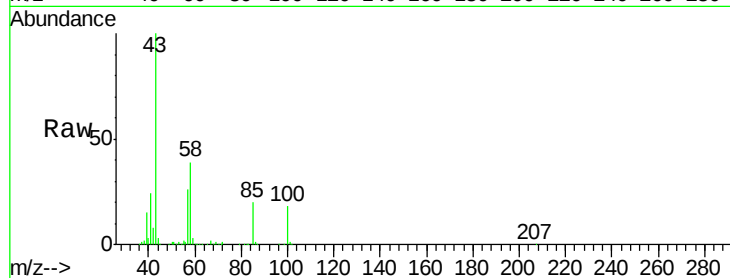
ClientSampled :

Tot Ion: 43 Resp: 327064

Ion Ratio Lower Upper

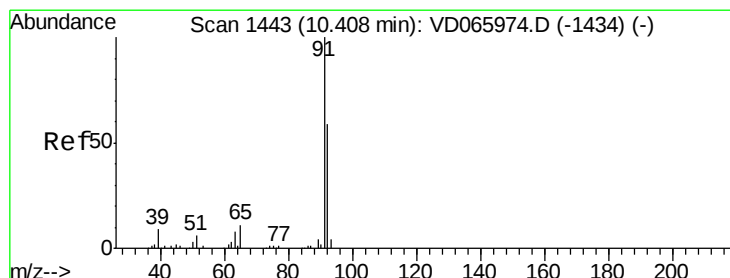
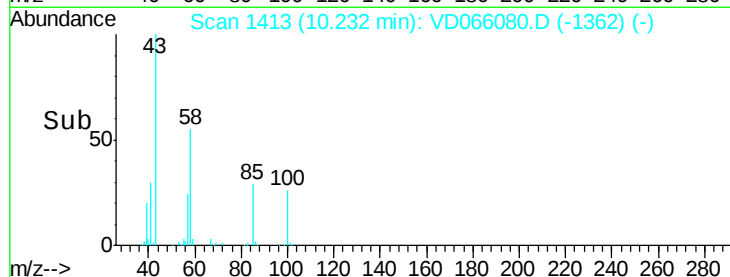
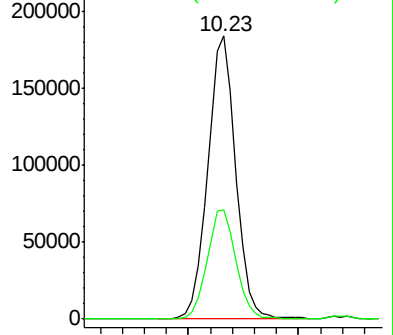
43 100

58 39.9 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 58.109 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD066080.D

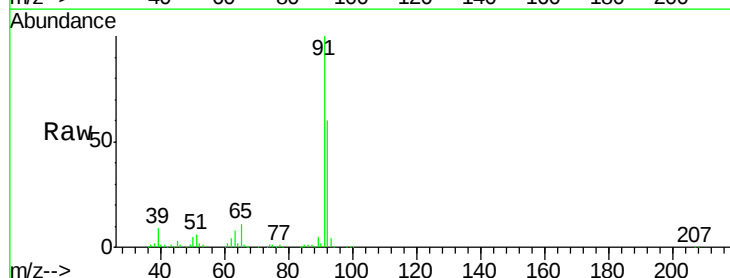
Acq: 28 Jul 2020 16:36

Tgt Ion: 92 Resp: 332940

Ion Ratio Lower Upper

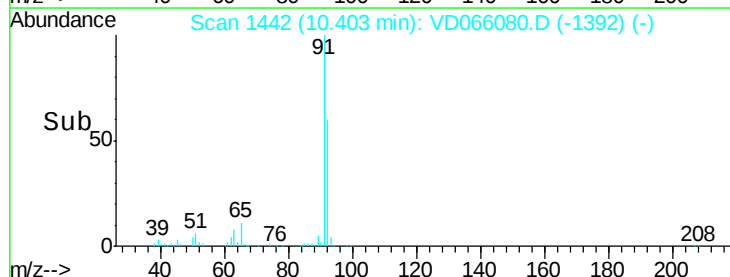
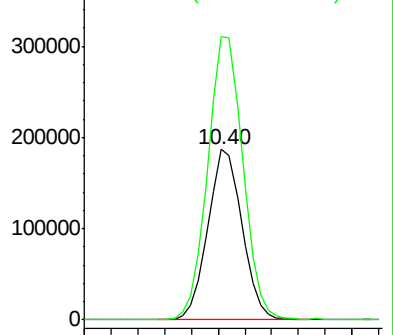
92 100

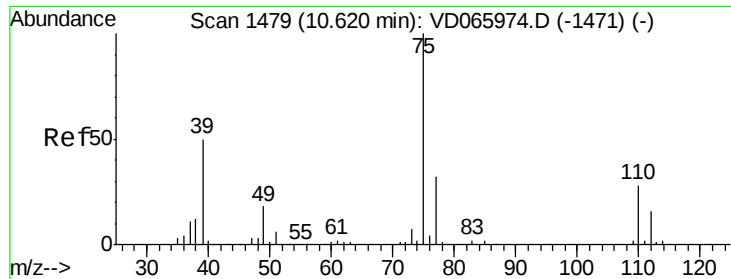
91 170.8 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

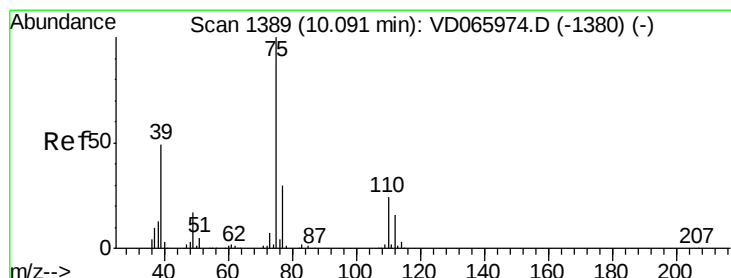
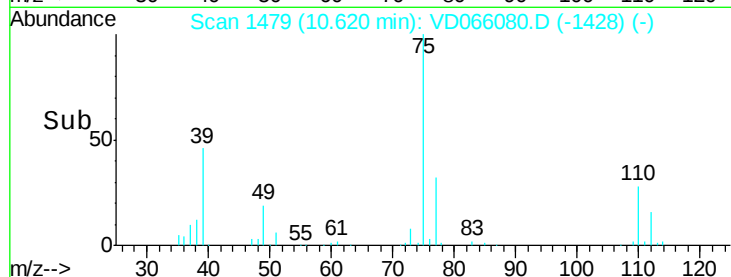
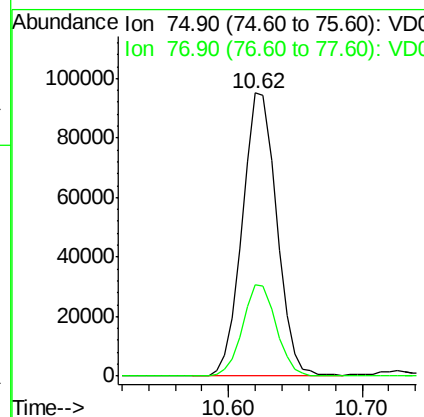
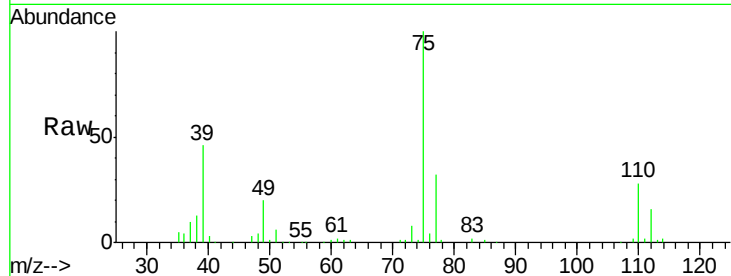




#53
t-1,3-Dichloropropene
Concen: 60.335 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

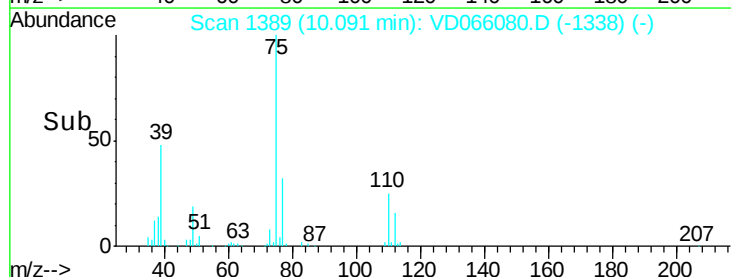
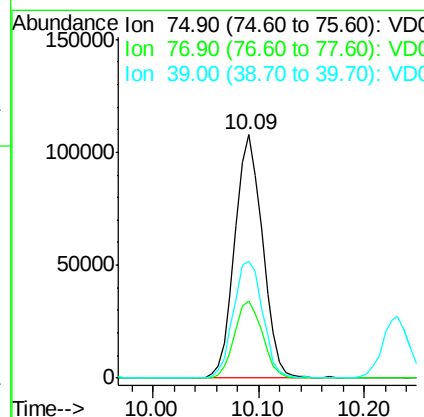
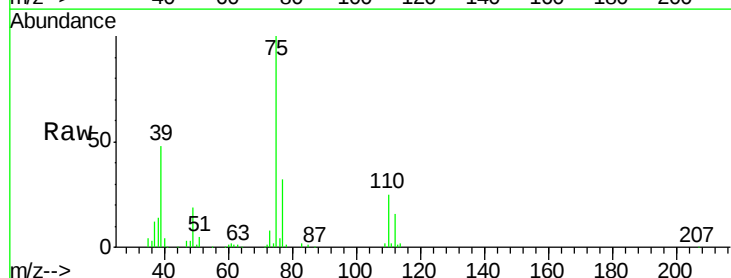
Instrument :
MSVOA_D
ClientSampled :

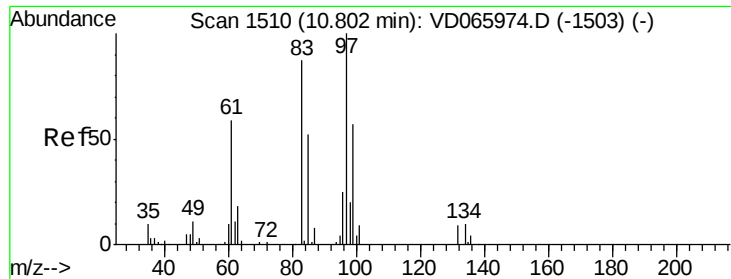
Tot Ion: 75 Resp: 170252
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 57.589 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 75 Resp: 196983
Ion Ratio Lower Upper
75 100
77 31.9 23.8 35.8
39 48.1 38.8 58.2

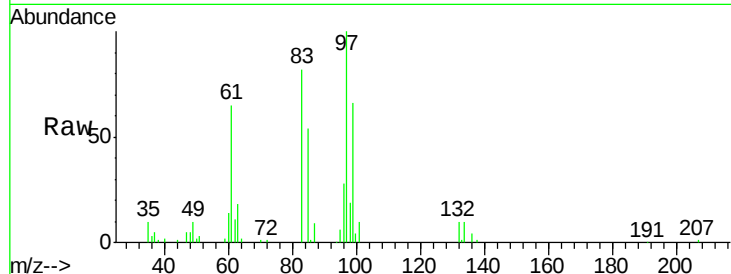




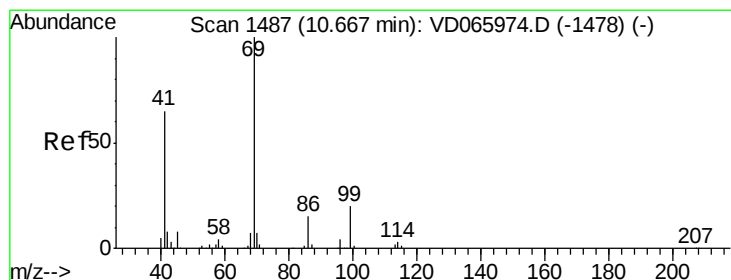
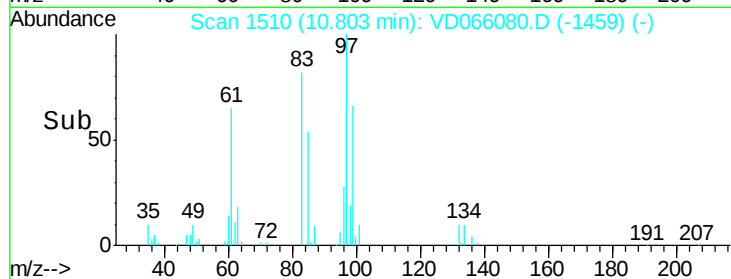
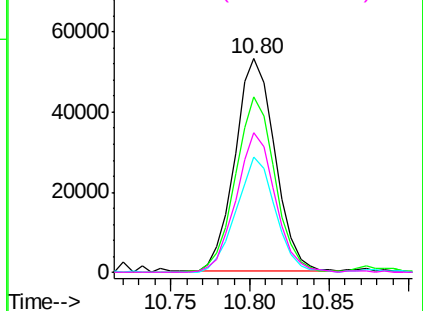
#55
 1,1,2-Trichloroethane
 Concen: 57.236 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	92985
Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.7	104.5
85	54.3	41.6	62.4
99	66.0	45.9	68.9

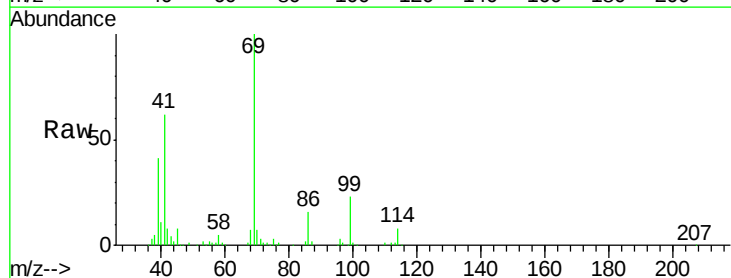


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

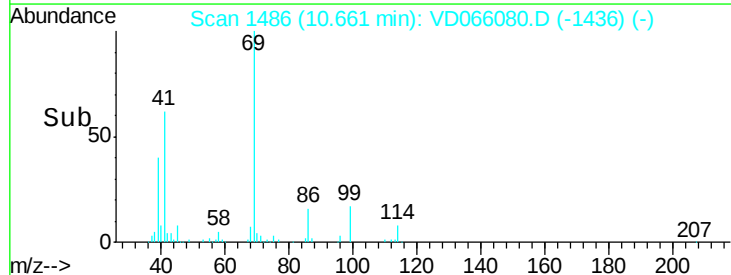
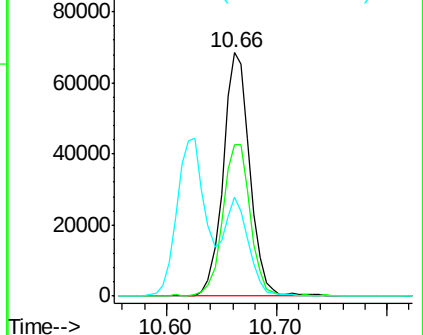


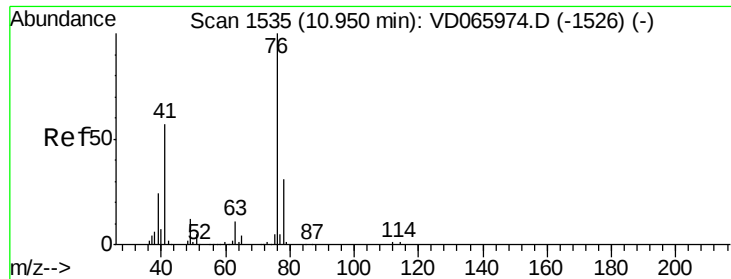
#56
 Ethyl methacrylate
 Concen: 60.786 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion:	69	Resp:	114814
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.3	78.5
39	37.3	25.2	37.8



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

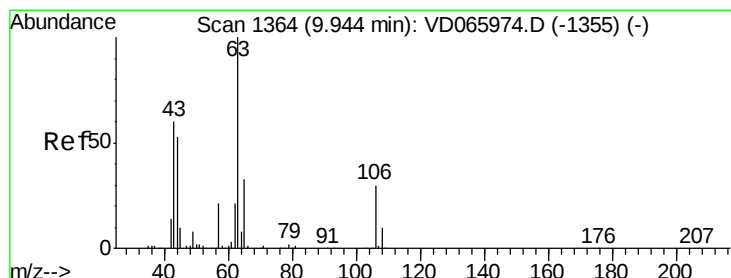
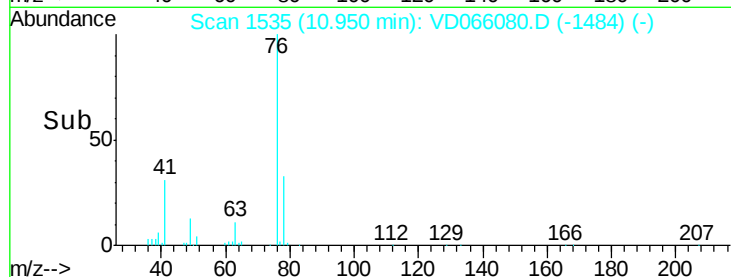
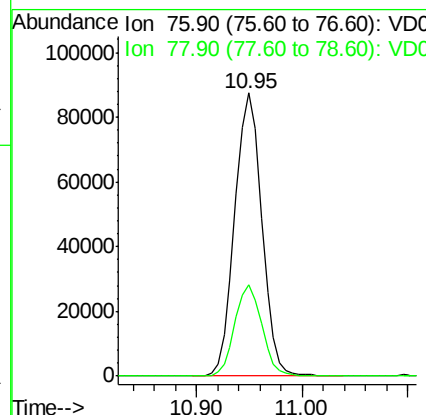
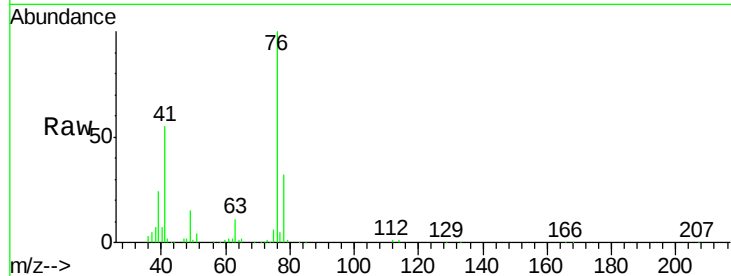




#57
 1,3-Dichloropropane
 Concen: 57.812 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

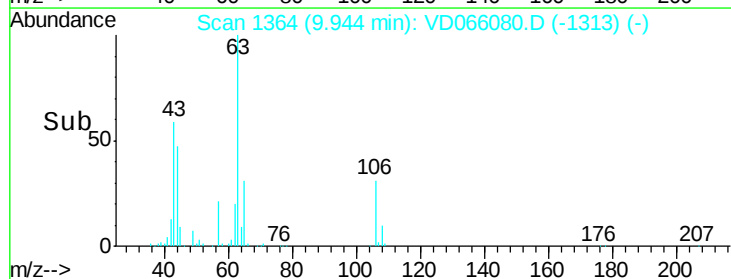
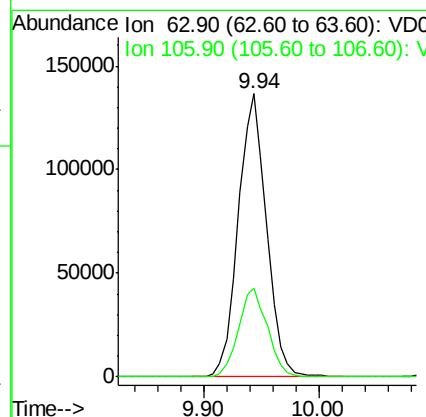
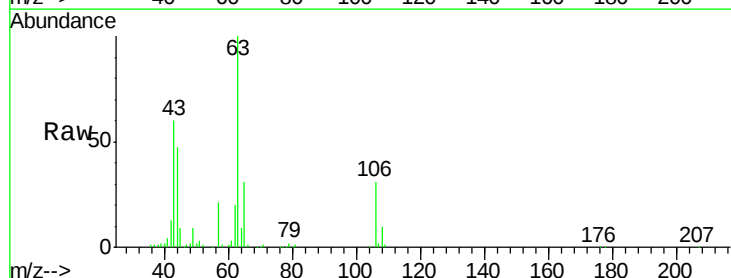
Instrument :
 MSVOA_D
 ClientSampleId :

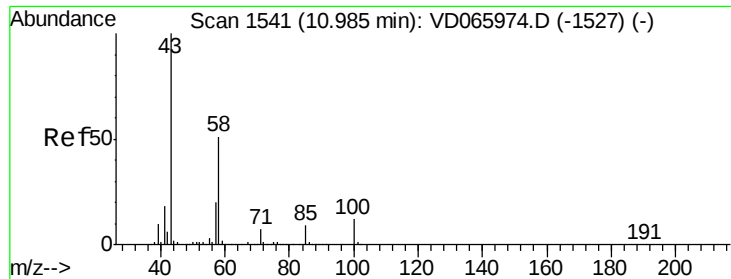
Tot Ion: 76 Resp: 155480
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.261 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion: 63 Resp: 231225
 Ion Ratio Lower Upper
 63 100
 106 32.0 24.4 36.6

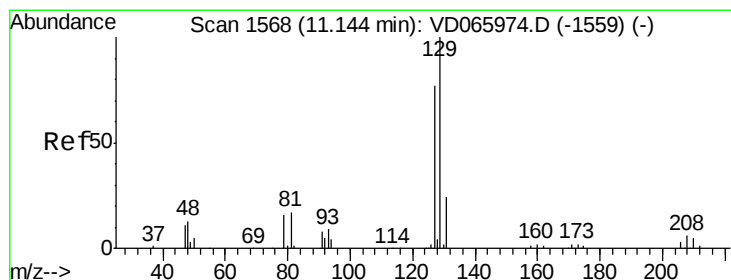
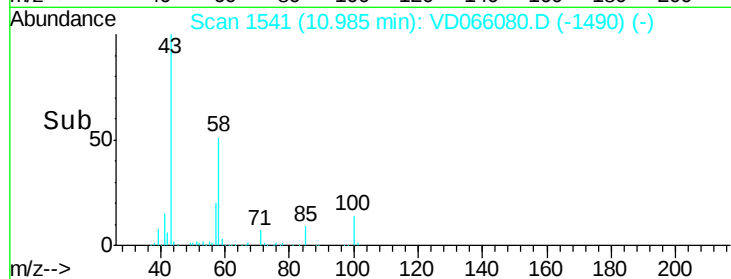
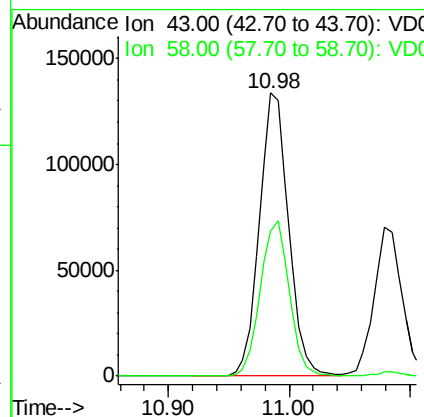
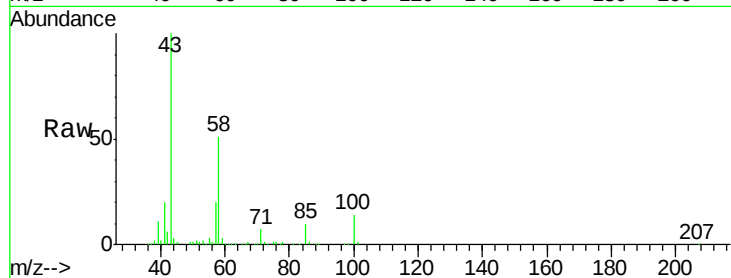




#59
2-Hexanone
Concen: 276.918 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

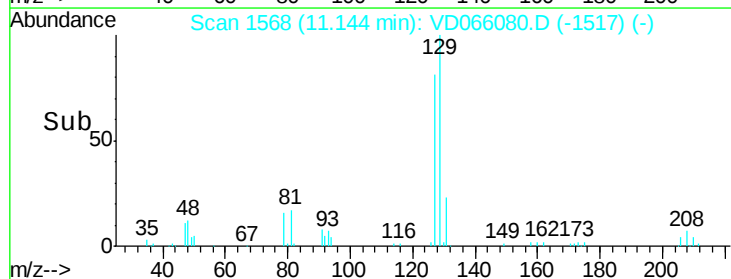
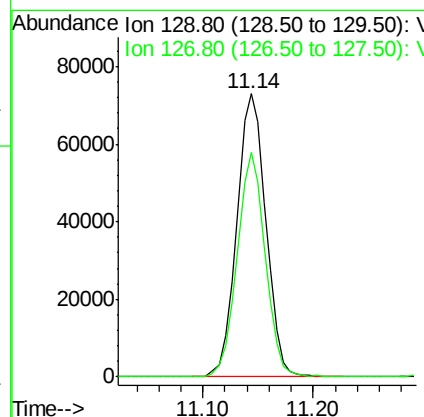
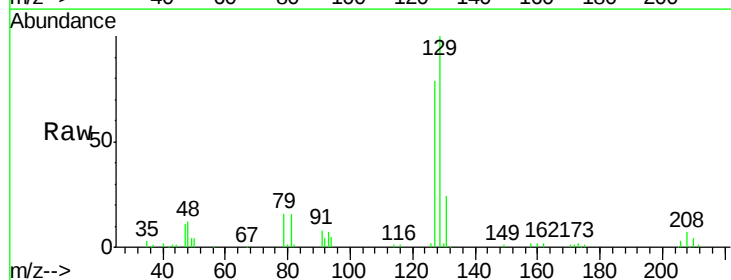
Instrument :
MSVOA_D
ClientSampleId :

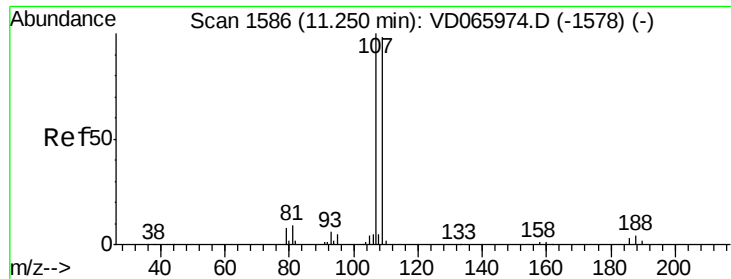
Tot Ion: 43 Resp: 226492
Ion Ratio Lower Upper
43 100
58 54.5 26.2 78.6



#60
Dibromochloromethane
Concen: 61.627 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 129 Resp: 134990
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.7

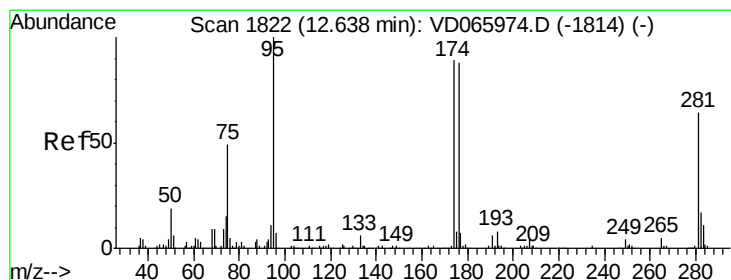
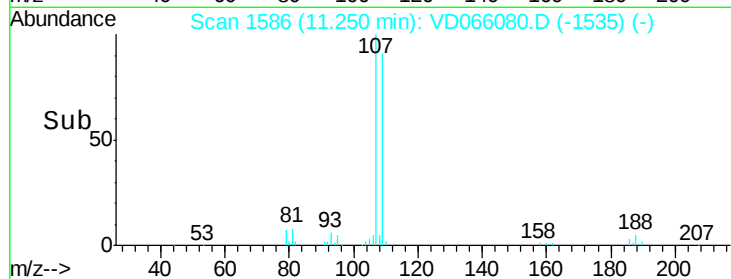
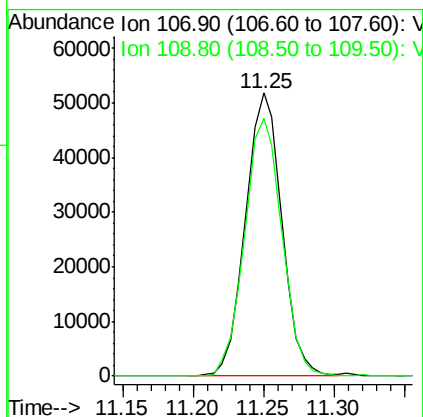
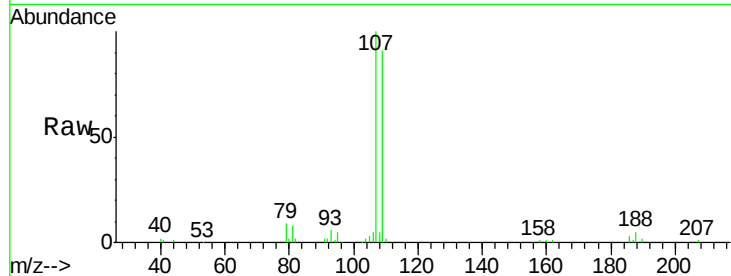




#61
 1,2-Dibromoethane
 Concen: 59.968 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

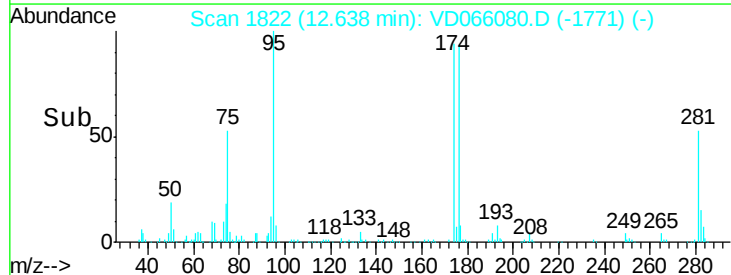
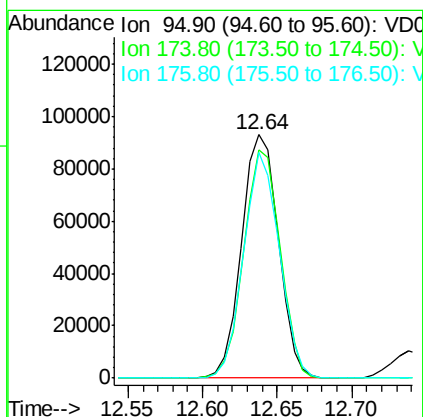
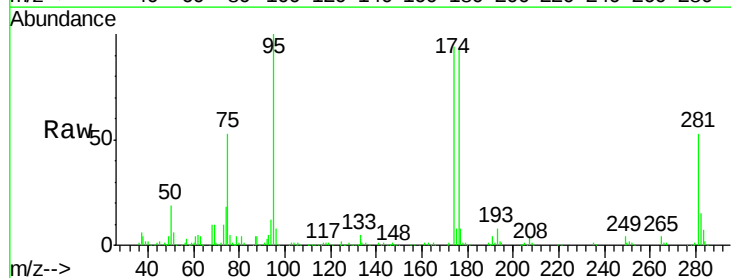
Instrument :
 MSVOA_D
 ClientSampleId :

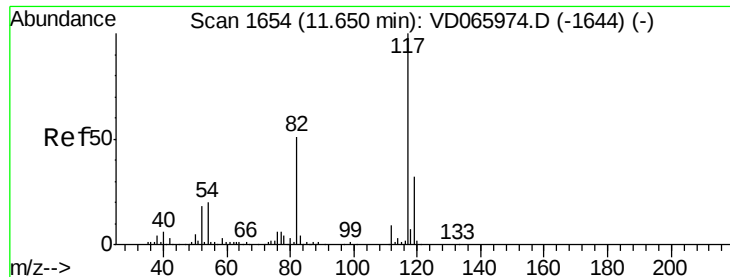
Tot Ion:107 Resp: 93933
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 55.119 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion: 95 Resp: 158898
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 178.8
 176 89.9 0.0 172.6

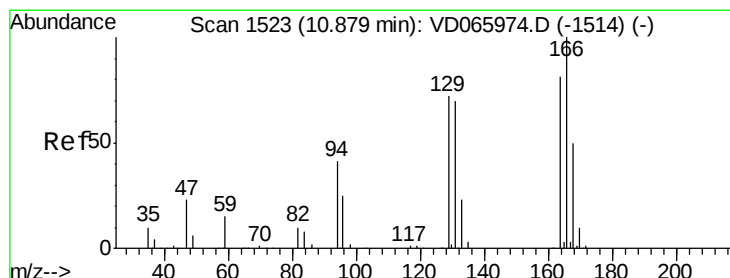
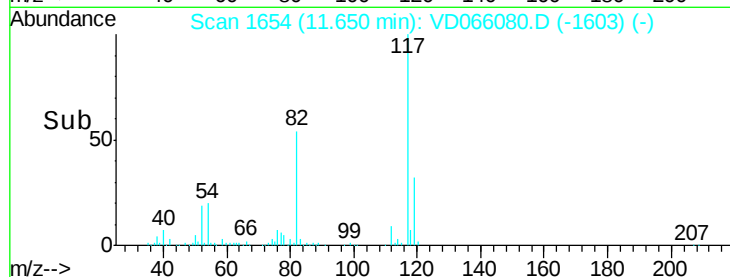
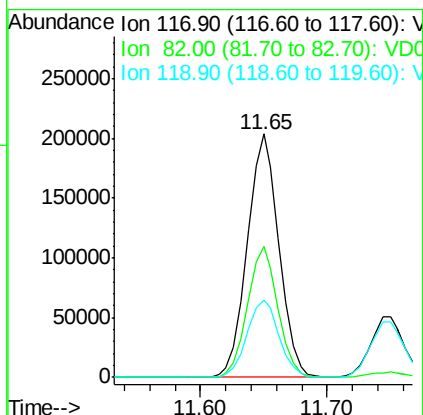
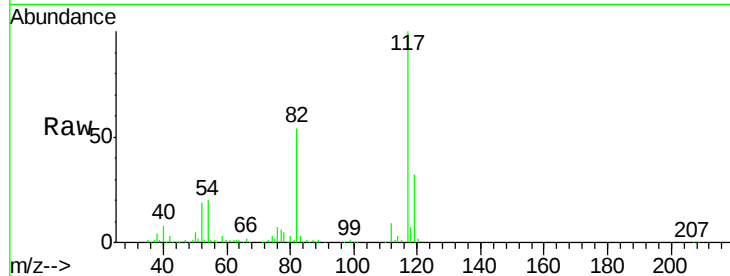




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

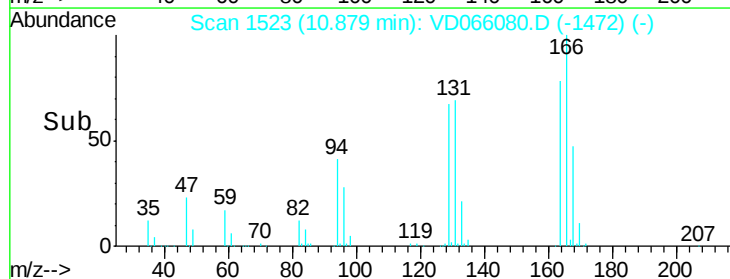
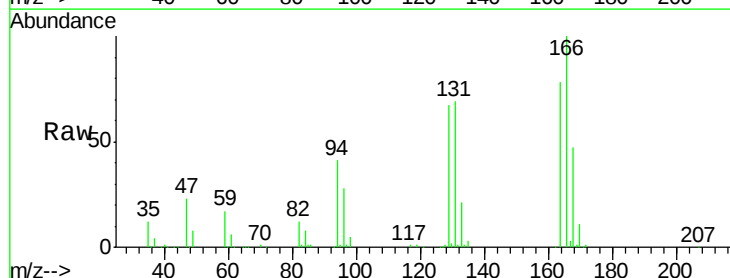
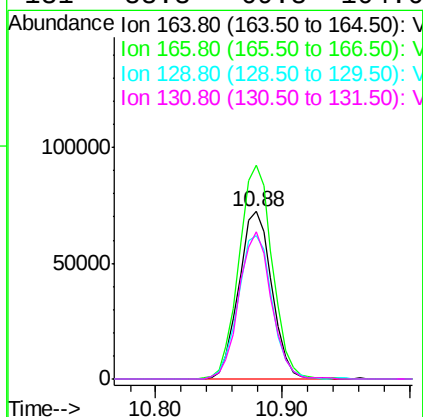
Instrument :
MSVOA_D
ClientSampled :

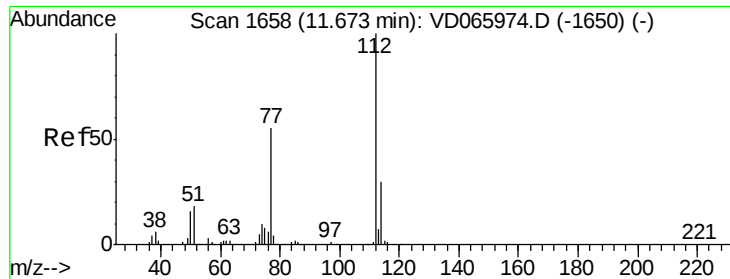
Tot Ion:117 Resp: 352538
Ion Ratio Lower Upper
117 100
82 53.8 41.1 61.7
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 54.641 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion:164 Resp: 130746
Ion Ratio Lower Upper
164 100
166 127.7 99.1 148.7
129 85.9 71.5 107.3
131 88.3 69.8 104.6

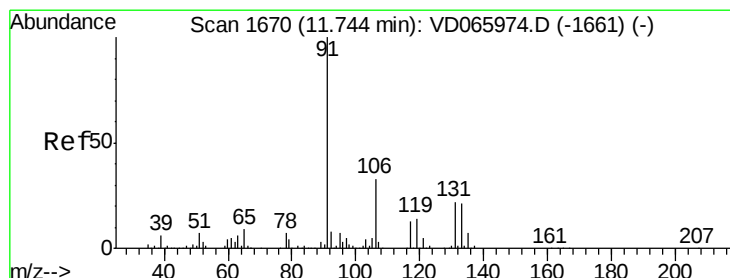
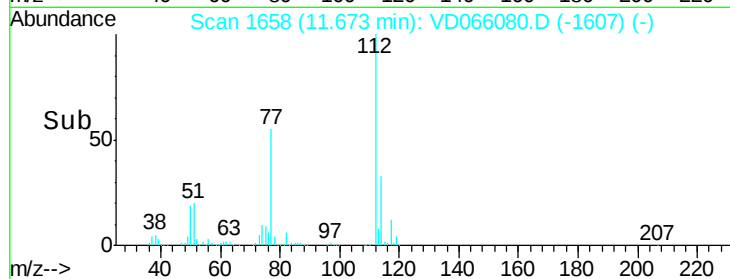
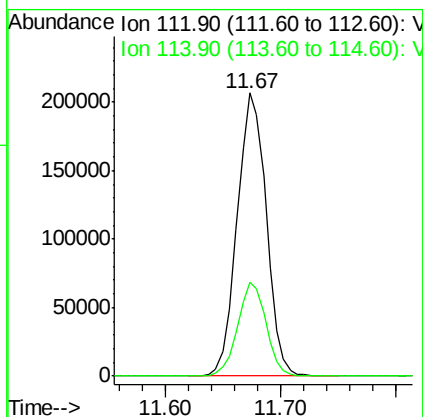
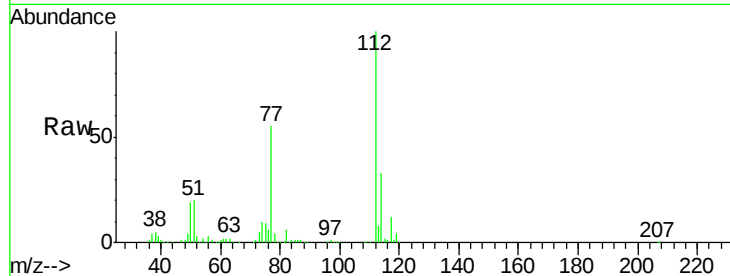




#65
Chlorobenzene
Concen: 56.015 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

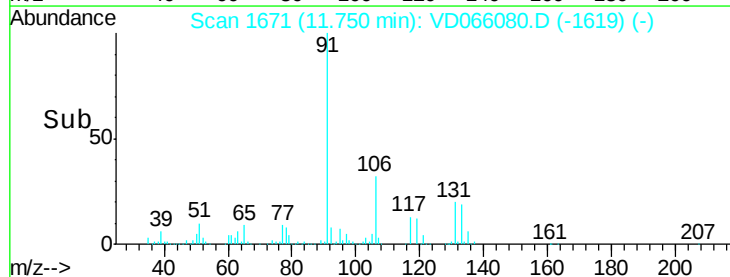
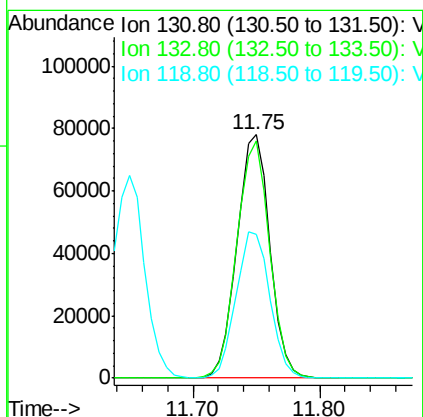
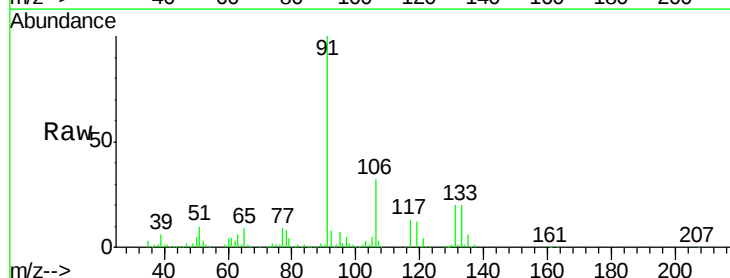
Instrument :
MSVOA_D
ClientSampleId :

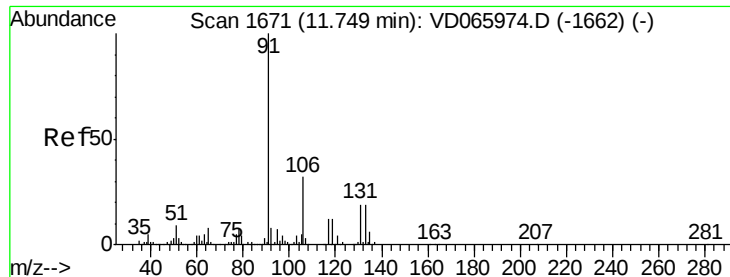
Tot Ion:112 Resp: 361563
Ion Ratio Lower Upper
112 100
114 33.2 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 58.938 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion:131 Resp: 140471
Ion Ratio Lower Upper
131 100
133 97.1 47.3 142.0
119 61.7 31.7 95.1





#67

Ethyl Benzene

Concen: 57.200 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

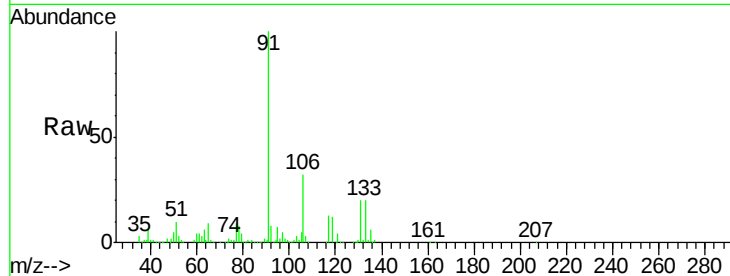
ClientSampleId :

Tot Ion: 91 Resp: 635391

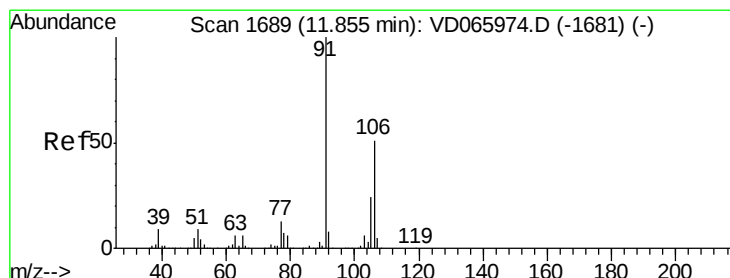
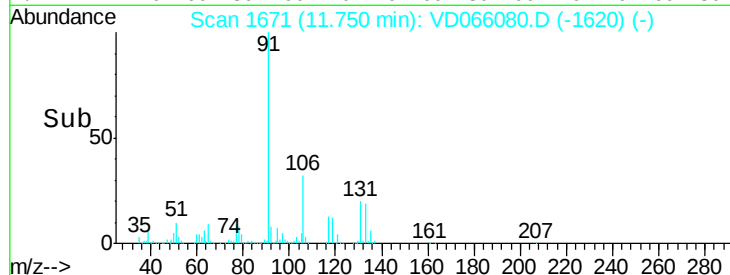
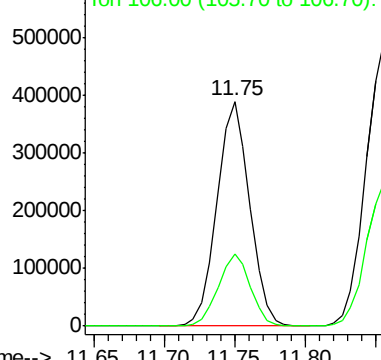
Ion Ratio Lower Upper

91 100

106 32.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 115.505 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066080.D

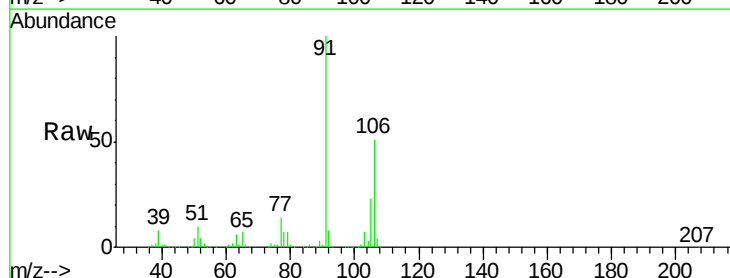
Acq: 28 Jul 2020 16:36

Tgt Ion: 106 Resp: 493150

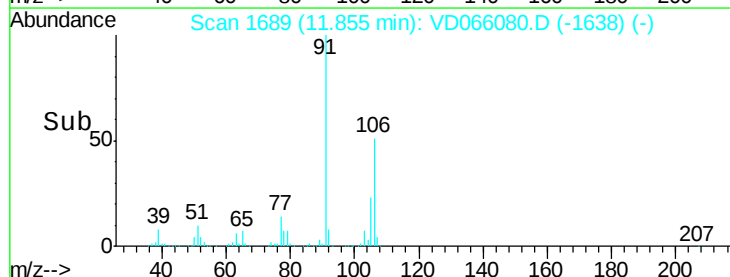
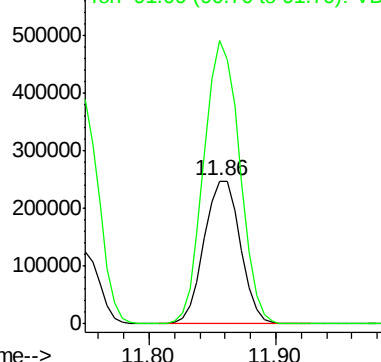
Ion Ratio Lower Upper

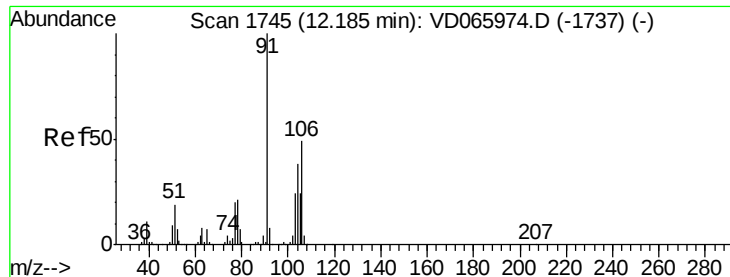
106 100

91 195.7 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

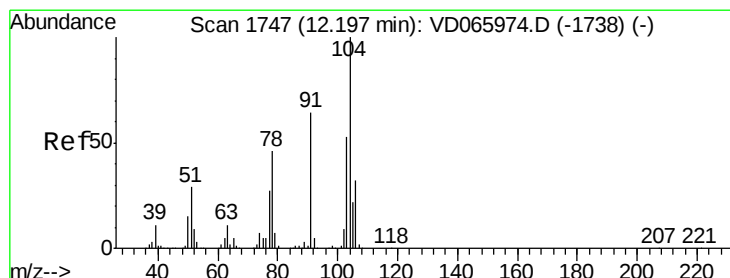
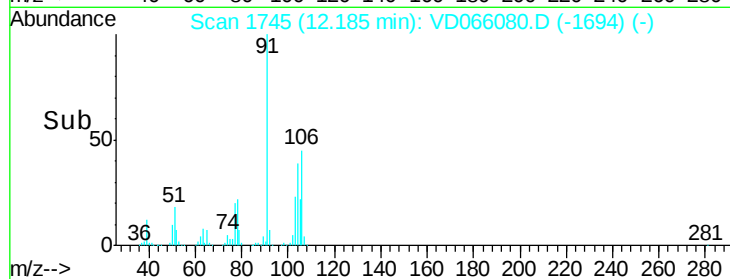
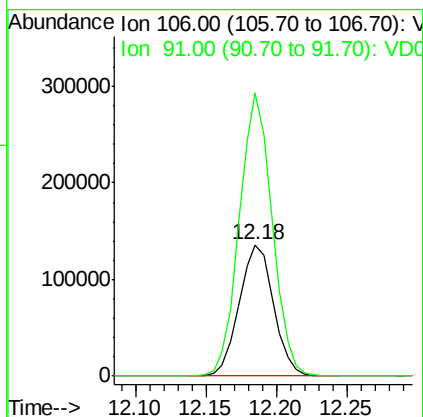
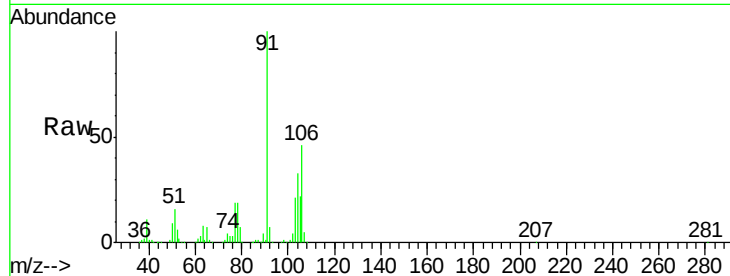




#69
o-Xylene
Concen: 59.668 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

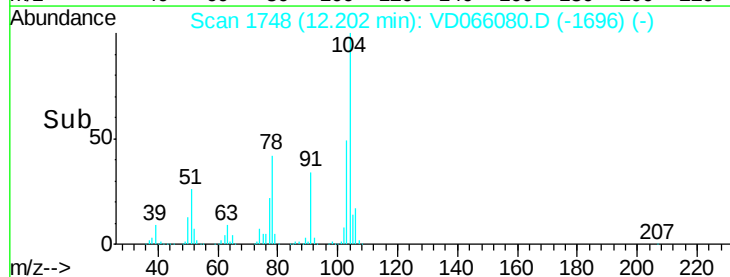
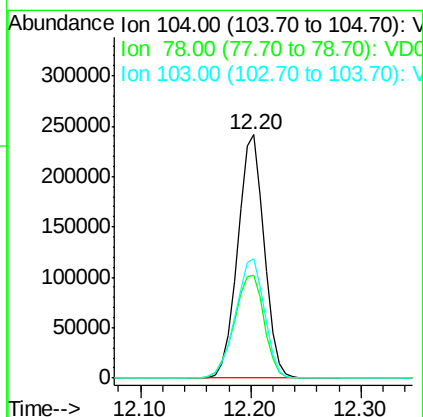
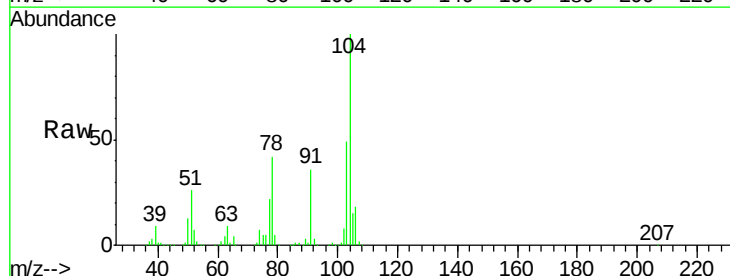
Instrument :
MSVOA_D
ClientSampled :

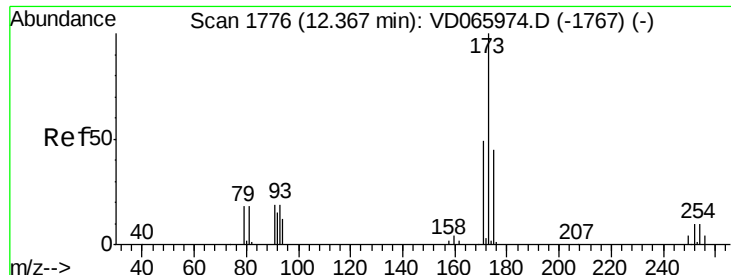
Tot Ion:106 Resp: 231705
Ion Ratio Lower Upper
106 100
91 205.7 103.1 309.3



#70
Styrene
Concen: 60.745 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion:104 Resp: 405297
Ion Ratio Lower Upper
104 100
78 47.8 38.3 57.5
103 53.6 43.8 65.8





#71

Bromoform

Concen: 60.345 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

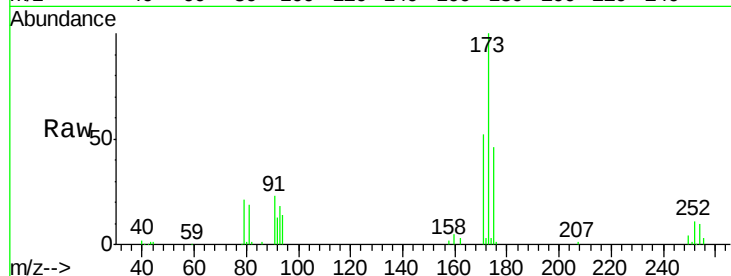
Tot Ion:173 Resp: 84246

Ion Ratio Lower Upper

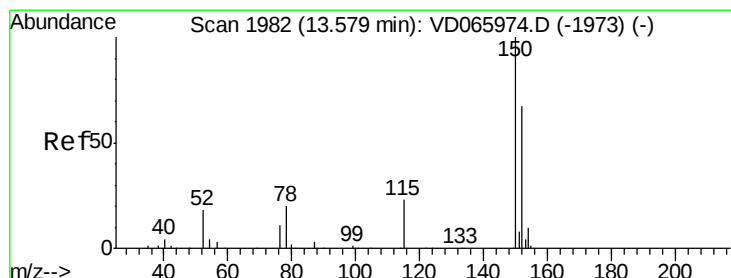
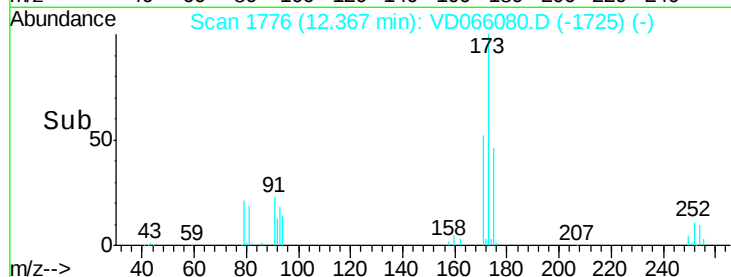
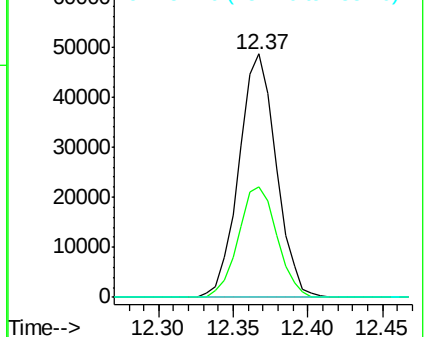
173 100

175 47.0 24.1 72.3

254 0.0 0.0 0.0



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# 1983

Delta R.T. 0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

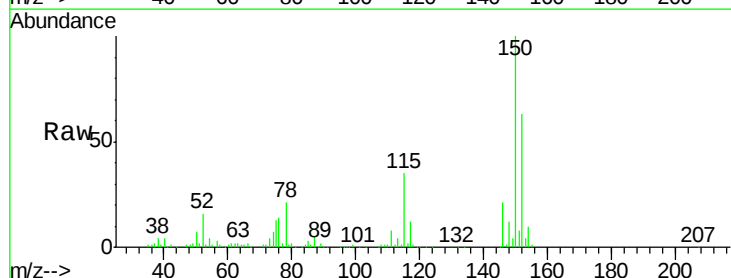
Tgt Ion:152 Resp: 190485

Ion Ratio Lower Upper

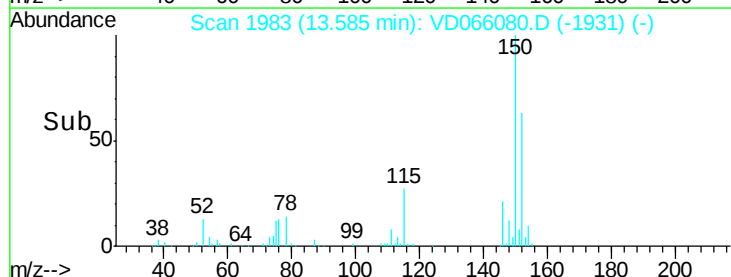
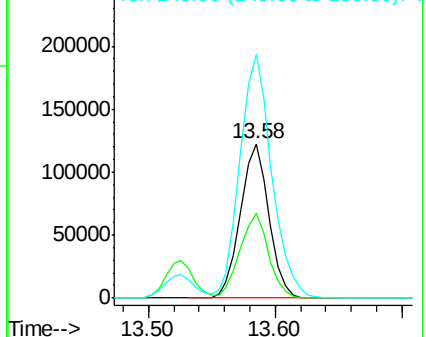
152 100

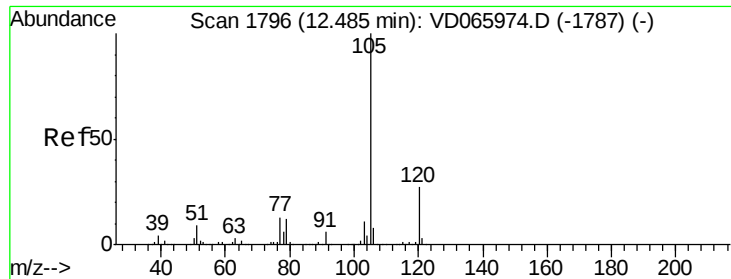
115 55.2 27.9 83.7

150 176.8 0.0 348.2



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: 54.889 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

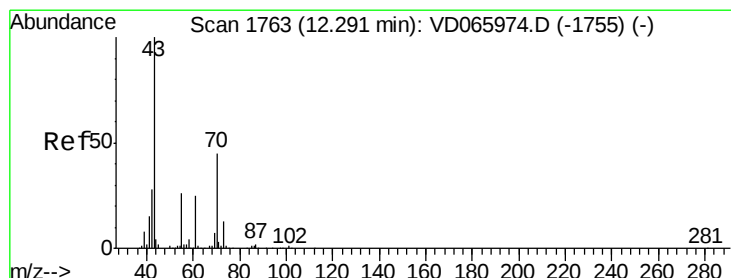
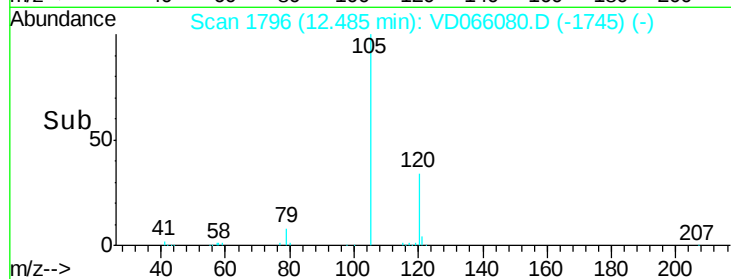
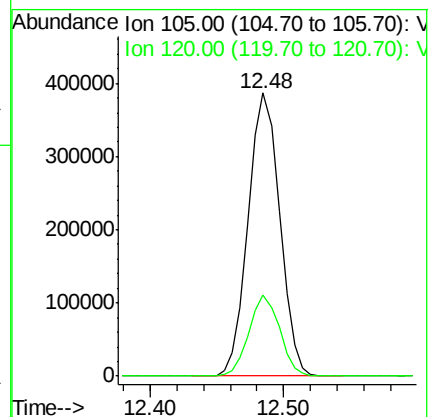
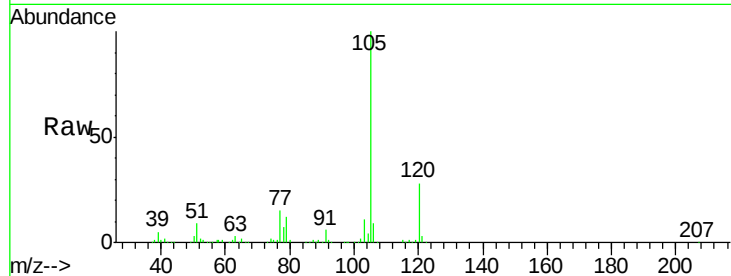
ClientSampleId :

Tot Ion:105 Resp: 632666

Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.8



#74

N-ethyl acetate

Concen: 53.659 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Tgt Ion: 43 Resp: 128238

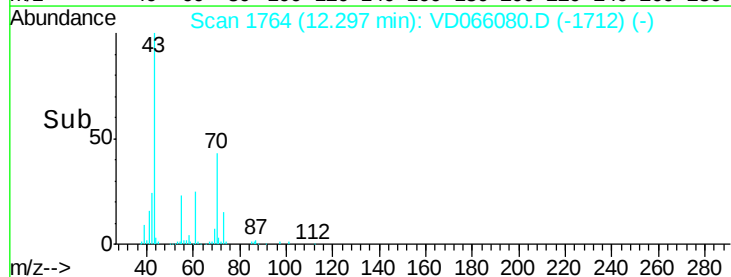
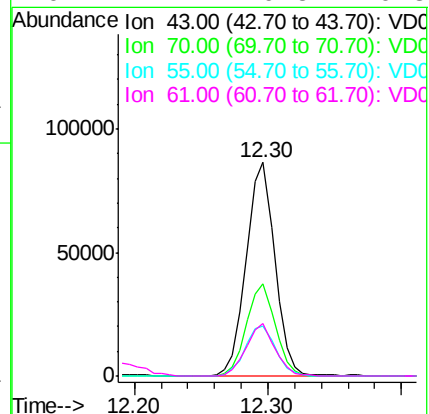
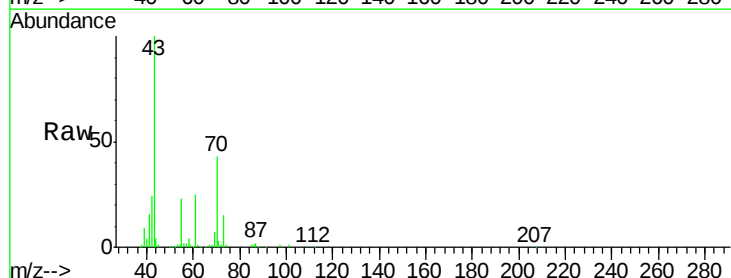
Ion Ratio Lower Upper

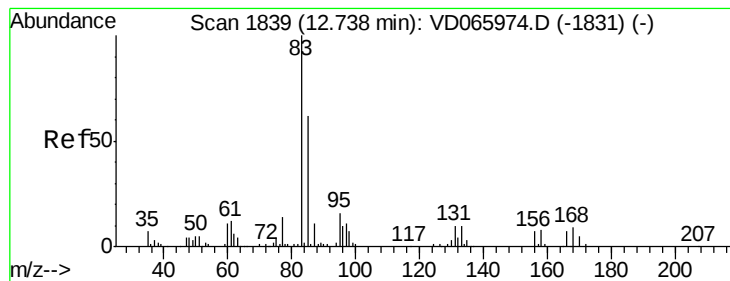
43 100

70 43.3 34.6 51.8

55 24.7 20.3 30.5

61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.719 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampled :

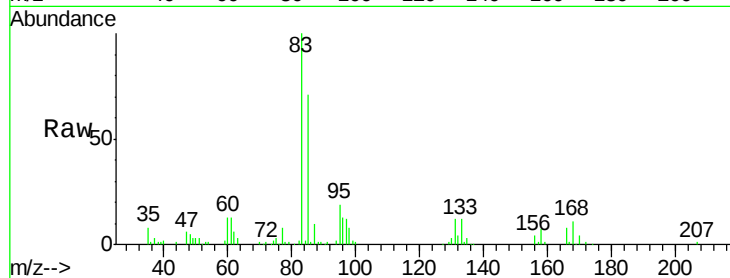
Tot Ion: 83 Resp: 96613

Ion Ratio Lower Upper

83 100

131 12.1 5.7 17.1

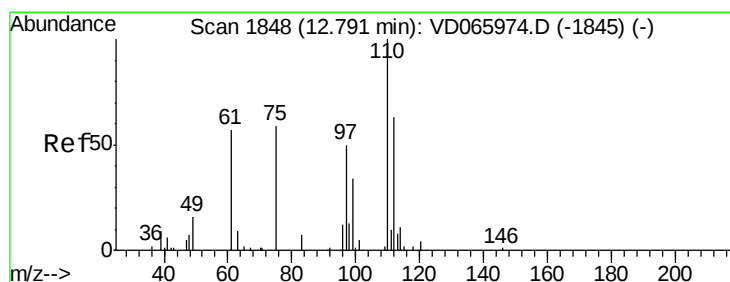
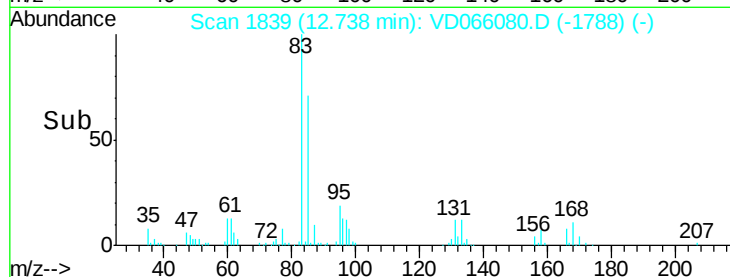
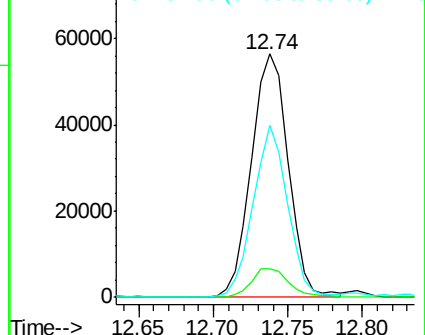
85 65.7 31.9 95.5



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: 91.677 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD066080.D

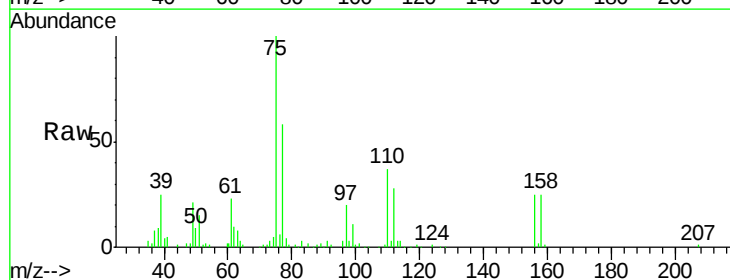
Acq: 28 Jul 2020 16:36

Tgt Ion: 75 Resp: 131488

Ion Ratio Lower Upper

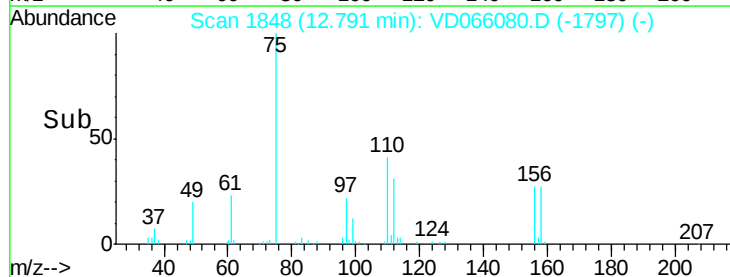
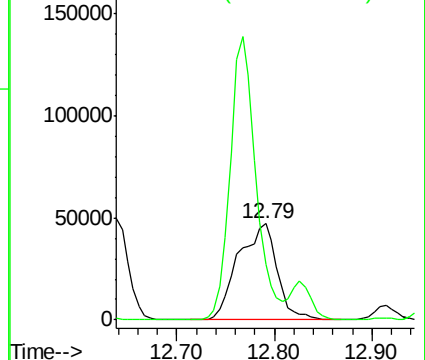
75 100

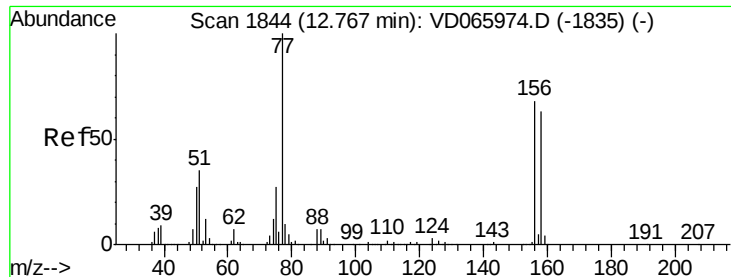
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 55.087 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

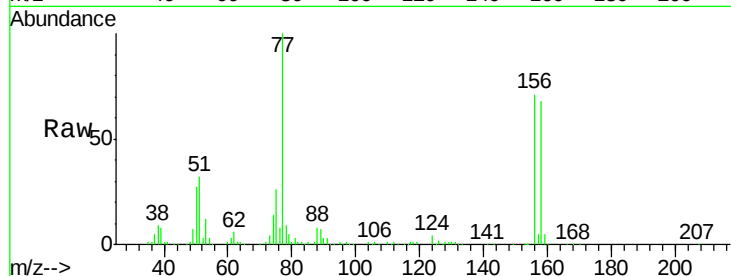
Tot Ion:156 Resp: 162268

Ion Ratio Lower Upper

156 100

77 157.0 83.0 249.0

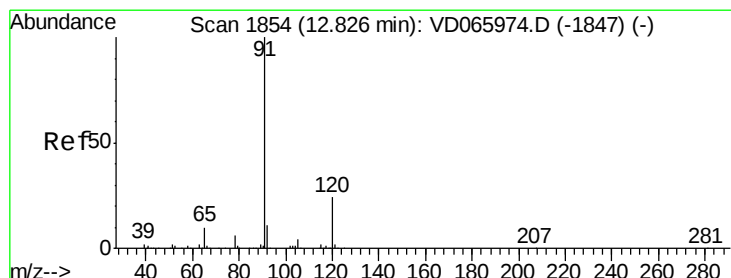
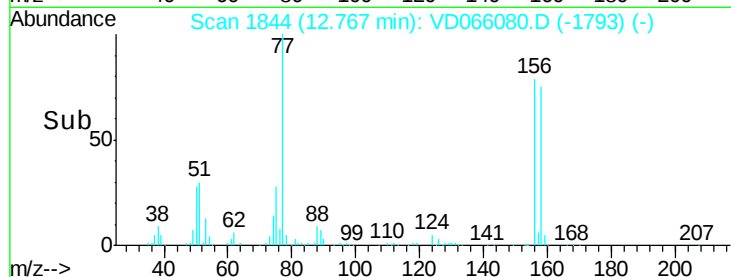
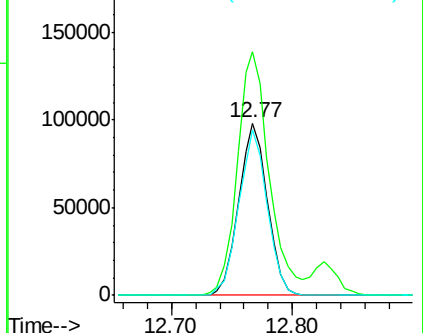
158 95.1 48.2 144.6



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: 54.990 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD066080.D

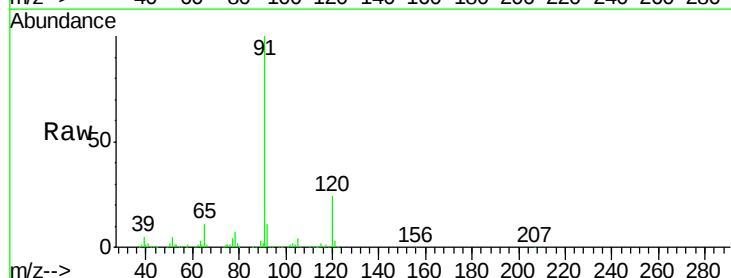
Acq: 28 Jul 2020 16:36

Tgt Ion: 91 Resp: 735502

Ion Ratio Lower Upper

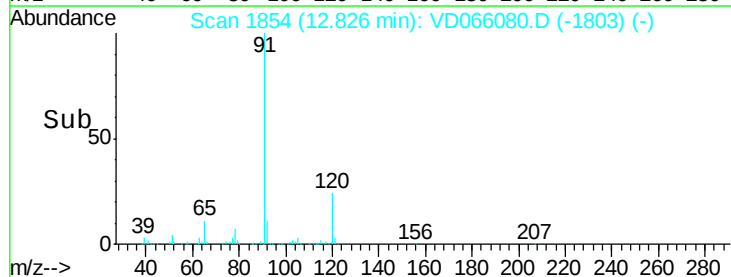
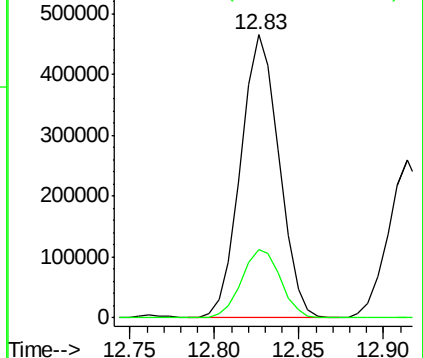
91 100

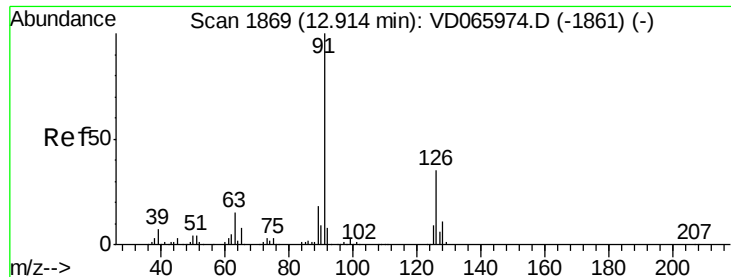
120 24.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

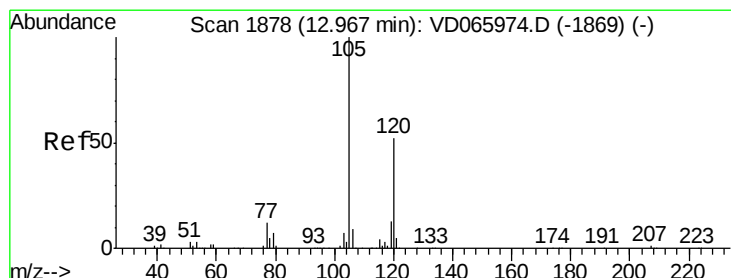
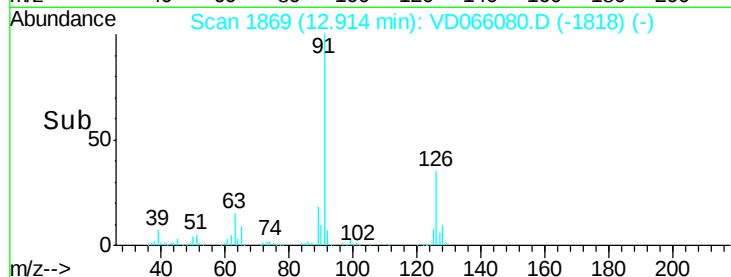
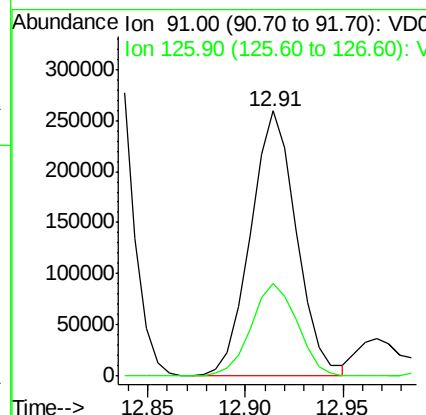
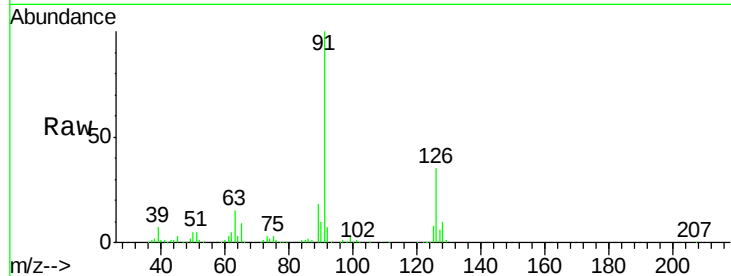




#79
 2-Chlorotoluene
 Concen: 55.221 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

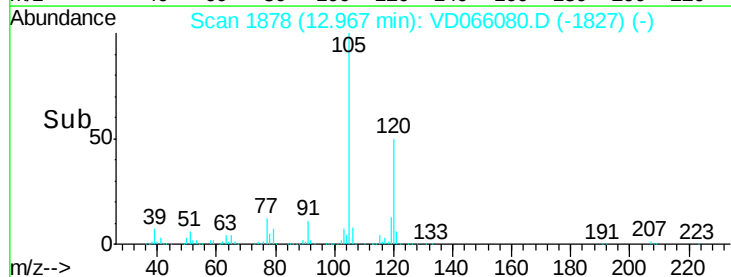
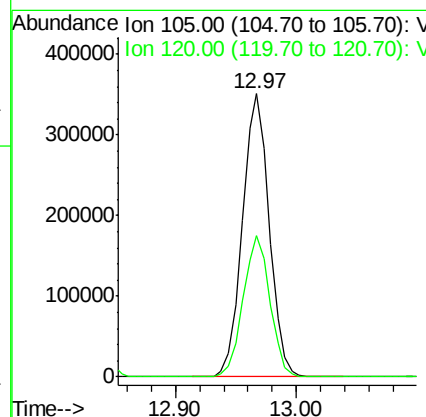
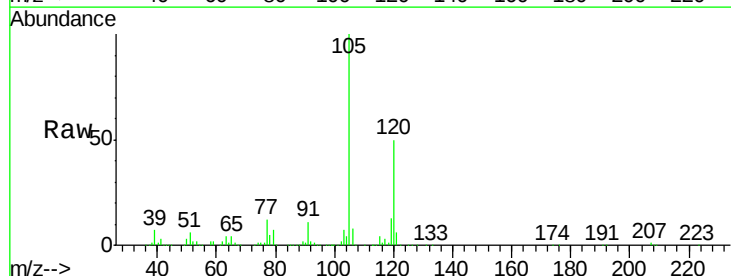
Instrument :
 MSVOA_D
 ClientSampled :

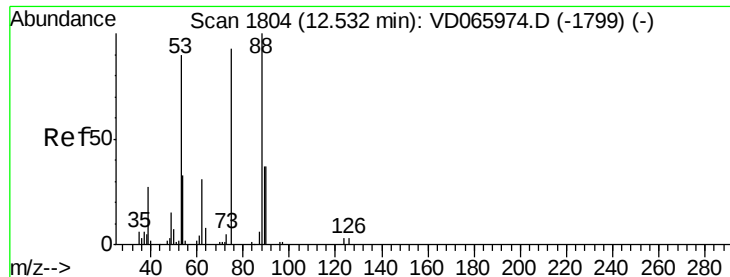
Tot Ion: 91 Resp: 421956
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 57.206 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion: 105 Resp: 541720
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 54.416 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

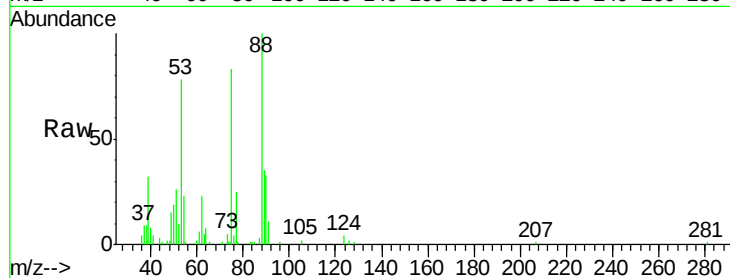
Tot Ion: 75 Resp: 34012

Ion Ratio Lower Upper

75 100

53 92.3 76.8 115.2

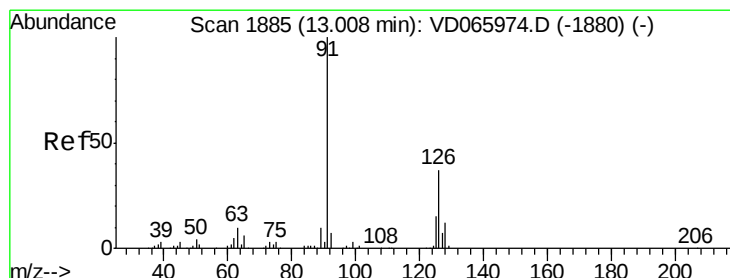
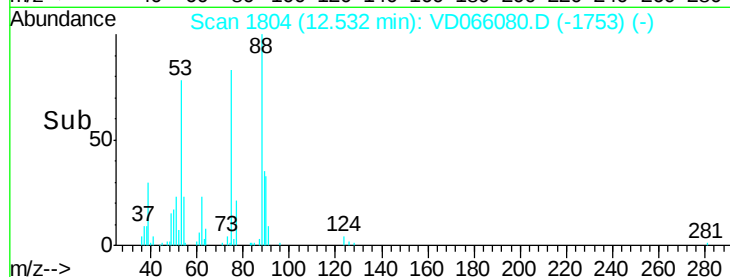
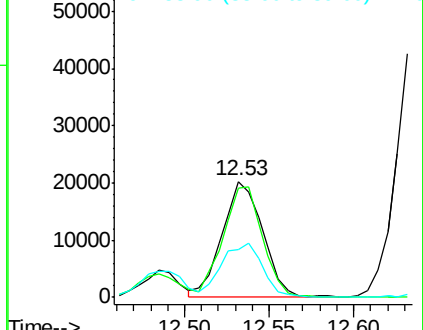
89 46.7 37.0 55.4



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: 54.816 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD066080.D

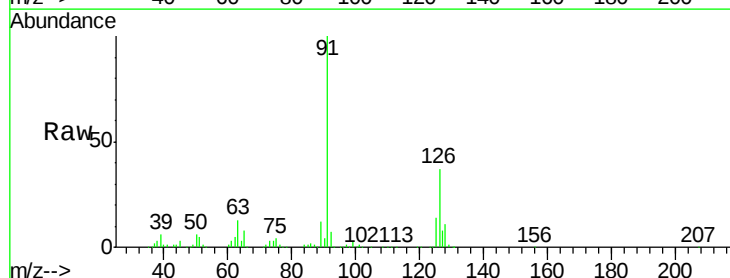
Acq: 28 Jul 2020 16:36

Tgt Ion: 91 Resp: 442114

Ion Ratio Lower Upper

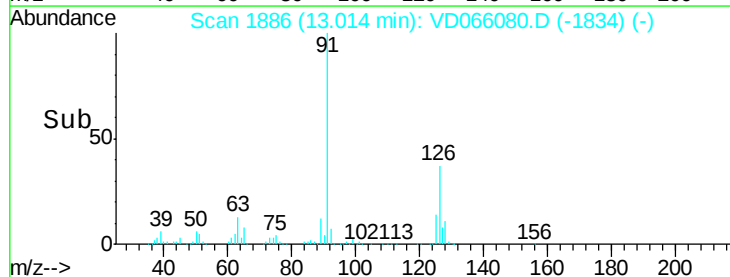
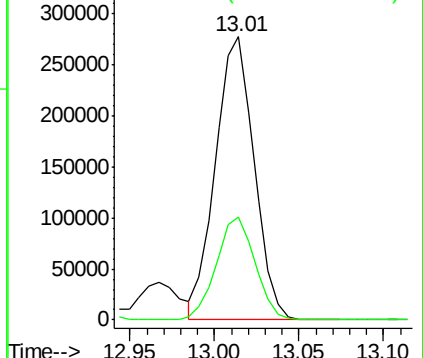
91 100

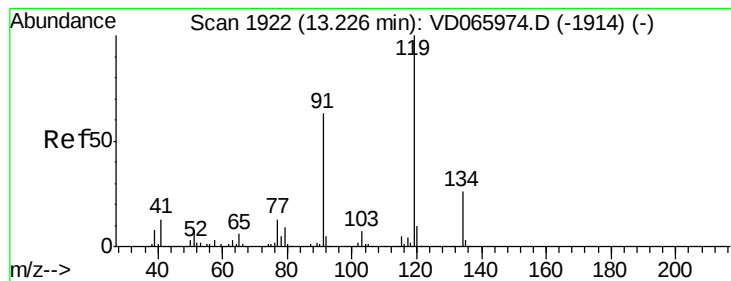
126 36.4 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 56.427 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

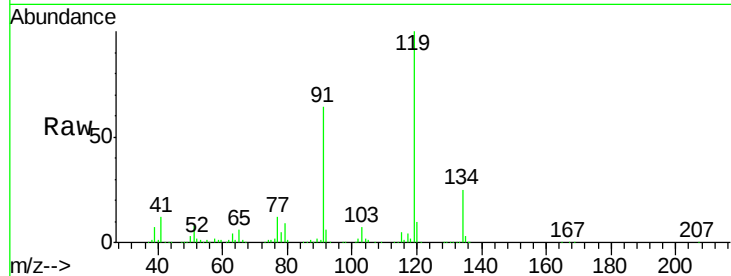
ClientSampleId :

Tot Ion:119 Resp: 467587

Ion	Ratio	Lower	Upper
119	100		
91	64.4	30.6	91.6
134	27.4	13.9	41.7

91 64.4 30.6 91.6

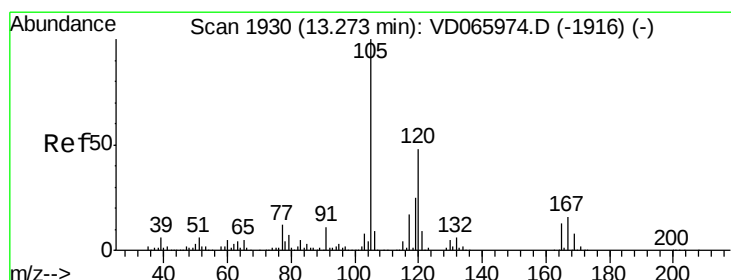
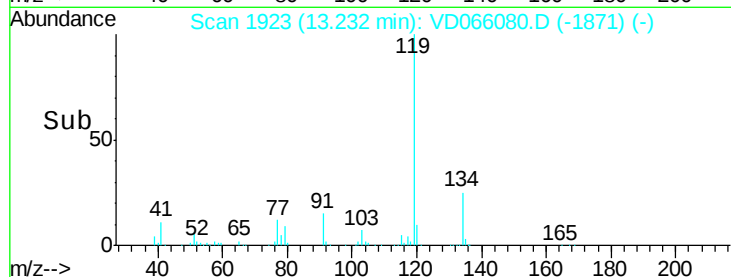
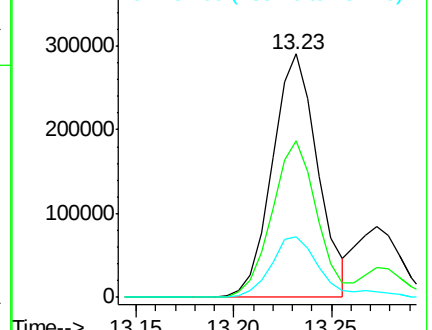
134 27.4 13.9 41.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 57.093 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VD066080.D

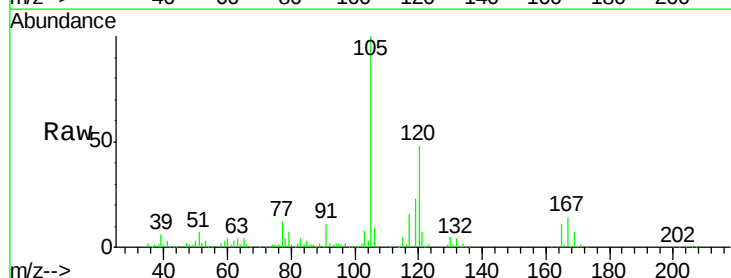
Acq: 28 Jul 2020 16:36

Tgt Ion:105 Resp: 533393

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.9	71.8

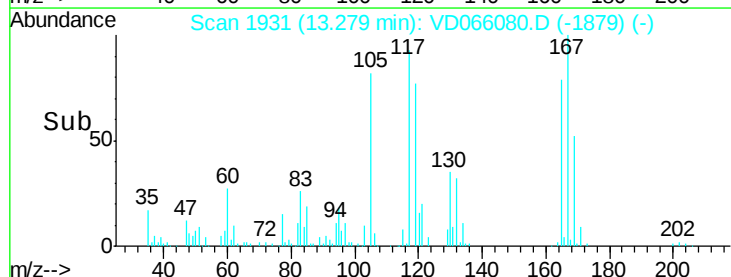
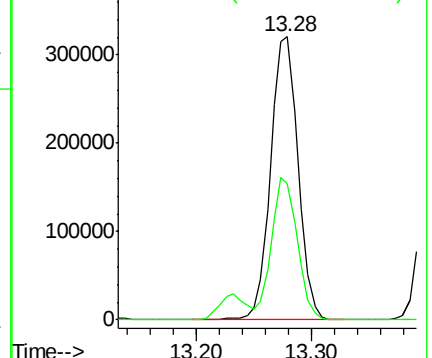
105 100

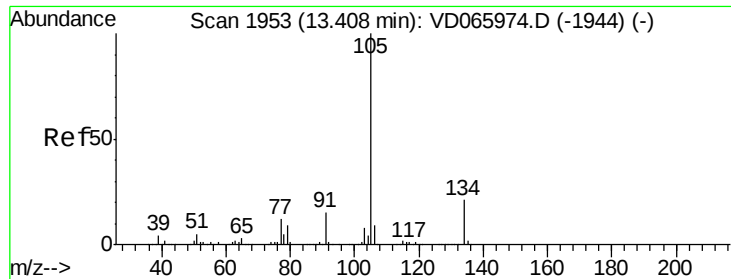
120 47.3 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

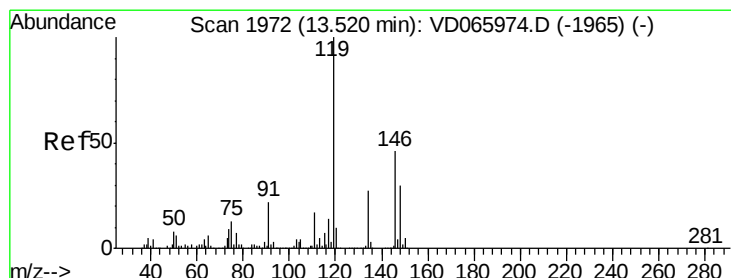
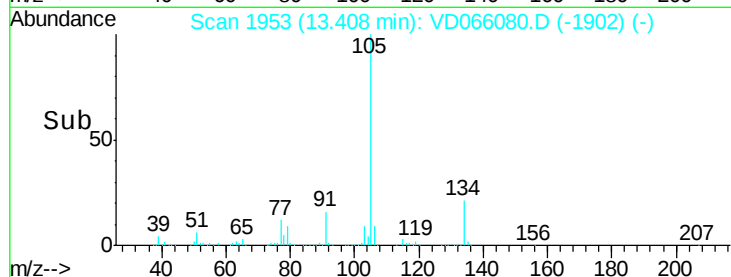
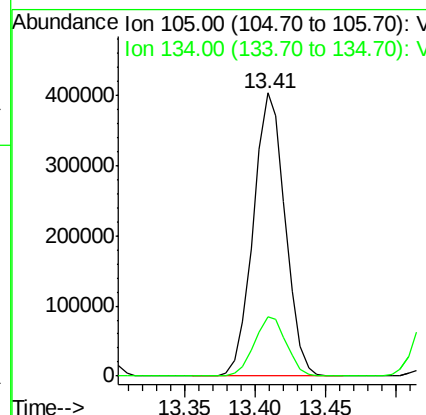
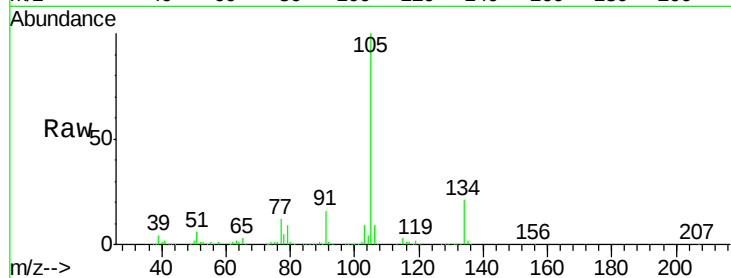




#85
 sec-Butylbenzene
 Concen: 56.064 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

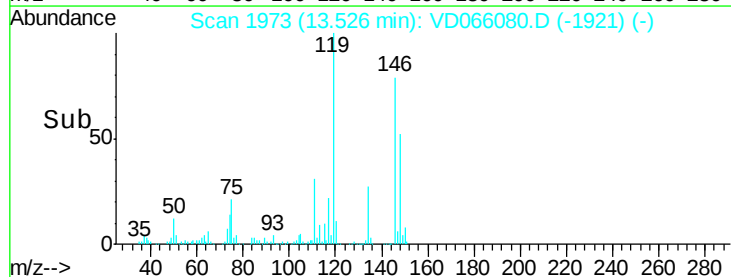
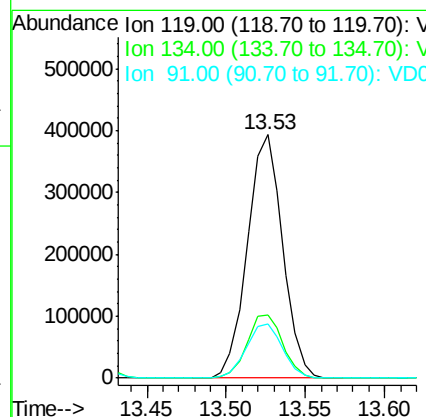
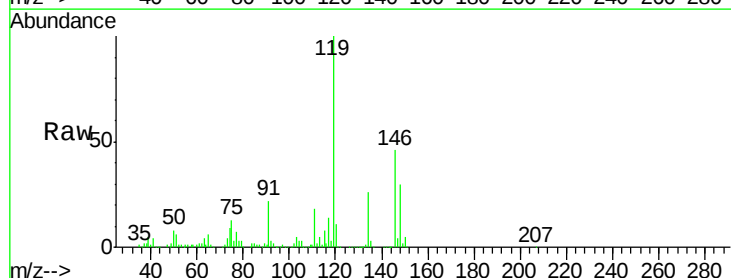
Instrument :
 MSVOA_D
 ClientSampleId :

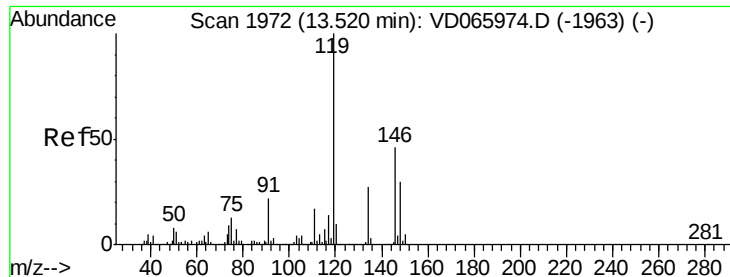
Tot Ion:105 Resp: 639909
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 58.399 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion:119 Resp: 605567
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 22.9 11.1 33.3

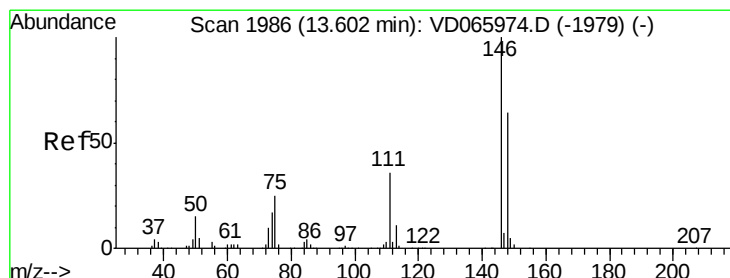
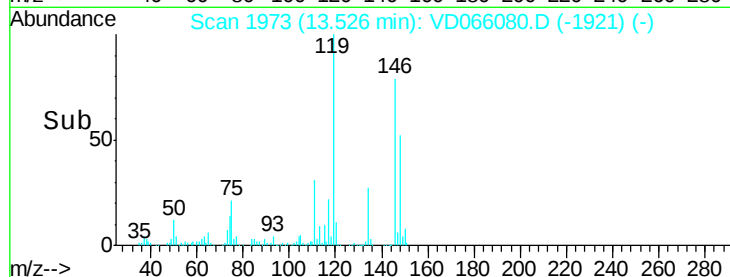
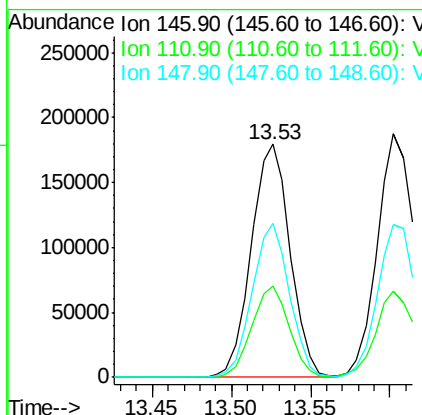
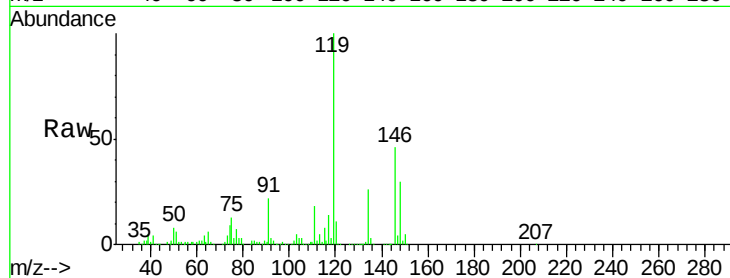




#87
 1,3-Dichlorobenzene
 Concen: 55.844 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

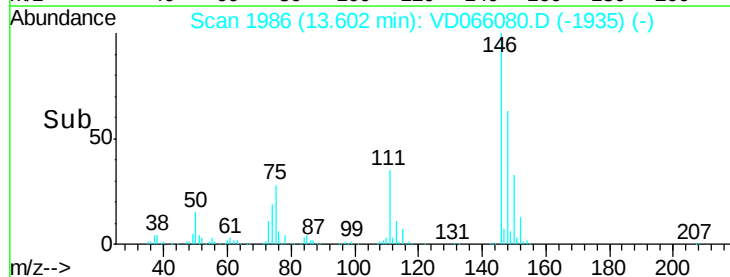
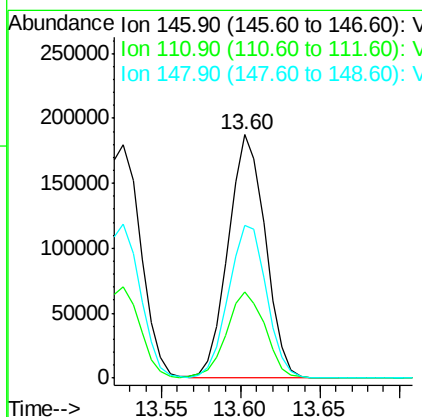
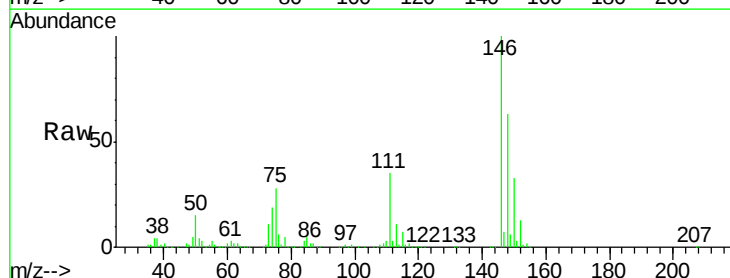
Instrument :
 MSVOA_D
 ClientSampled :

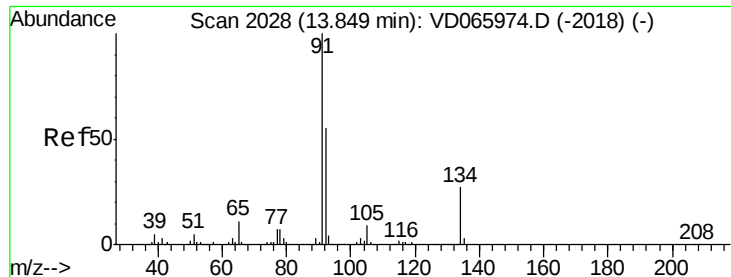
Tot Ion:146 Resp: 305410
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.6
 148 63.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 55.122 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion:146 Resp: 304760
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.8 56.4
 148 64.1 32.2 96.6

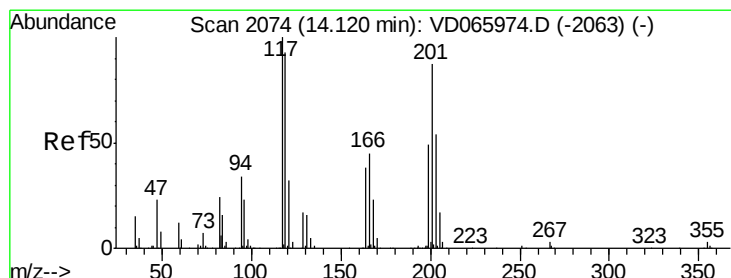
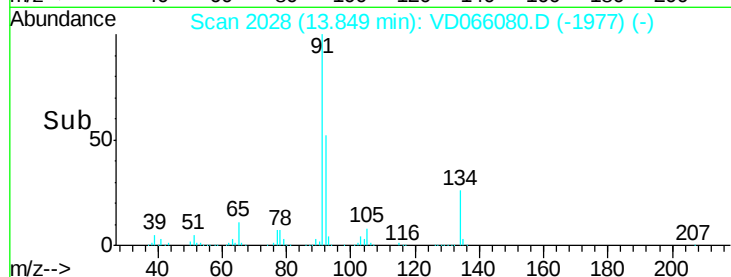
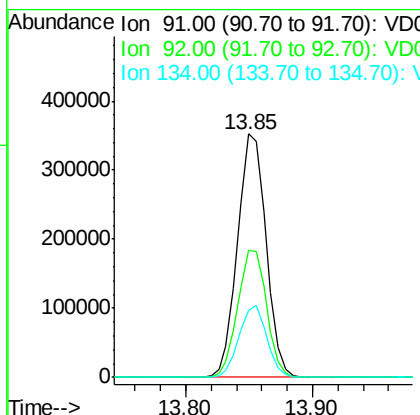
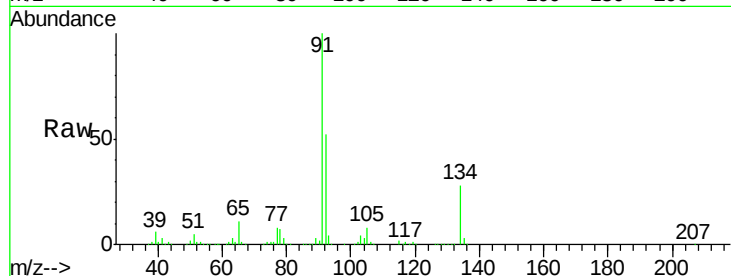




#89
n-Butylbenzene
Concen: 56.950 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

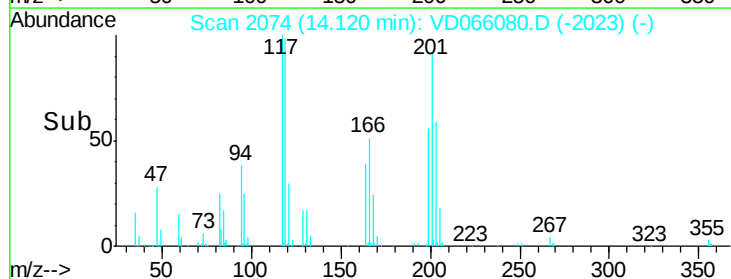
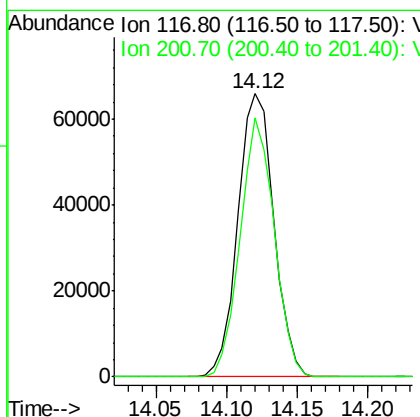
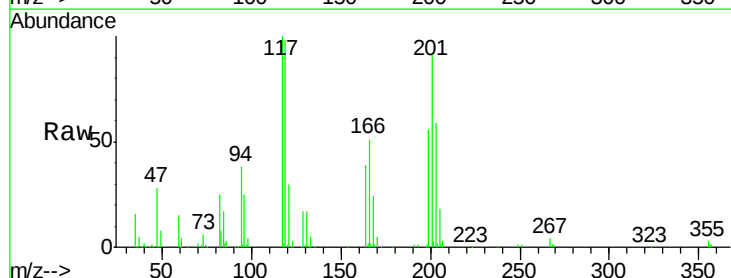
Instrument :
MSVOA_D
ClientSampled :

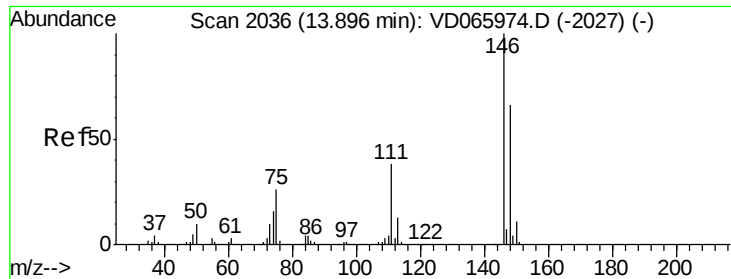
Tot Ion: 91 Resp: 549102
Ion Ratio Lower Upper
91 100
92 52.9 27.2 81.6
134 28.5 13.8 41.4



#90
Hexachloroethane
Concen: 54.807 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 117 Resp: 117649
Ion Ratio Lower Upper
117 100
201 86.7 42.0 126.1

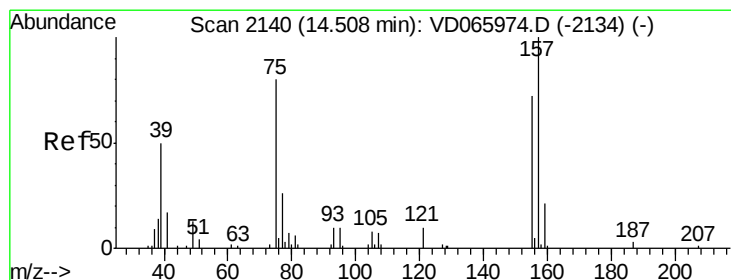
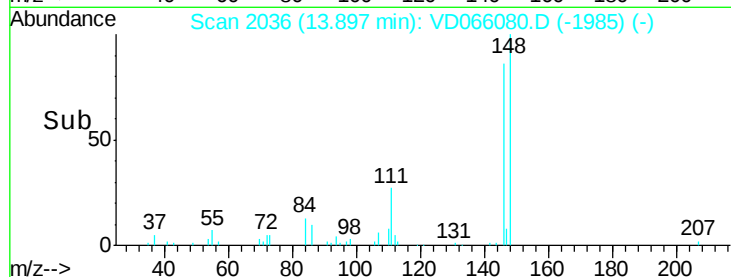
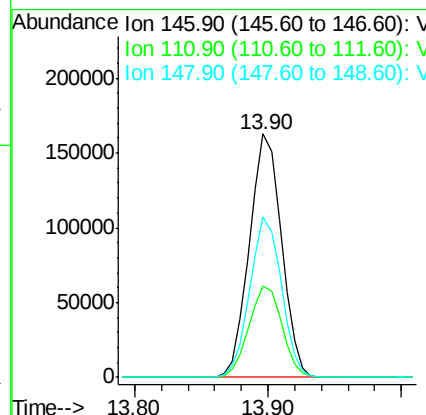
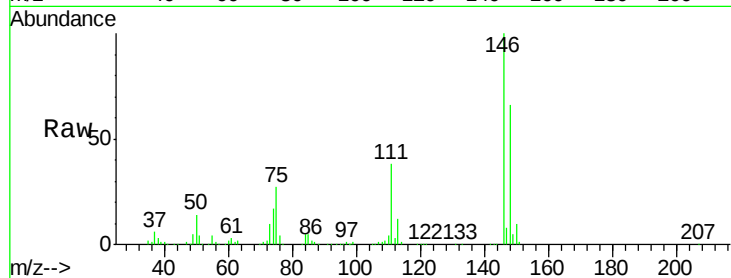




#91
 1,2-Dichlorobenzene
 Concen: 56.983 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

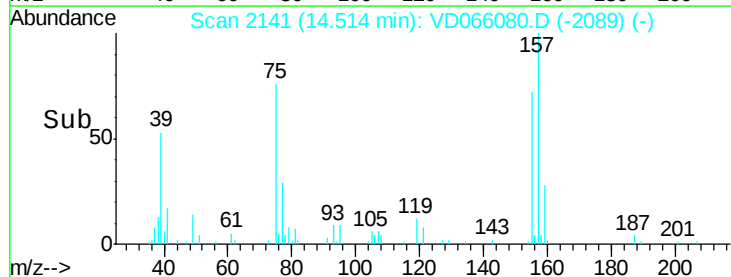
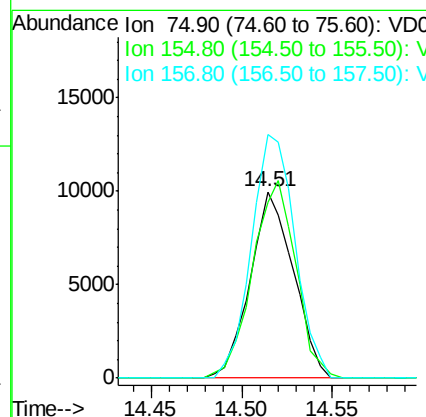
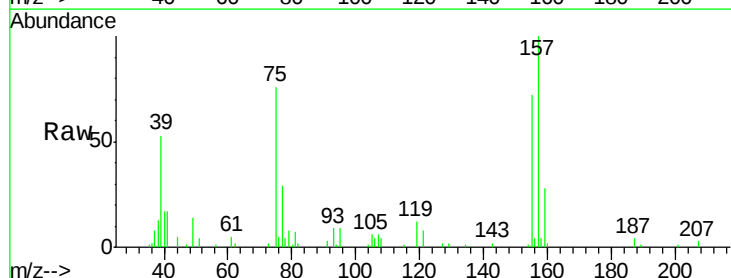
Instrument :
 MSVOA_D
 ClientSampleID :

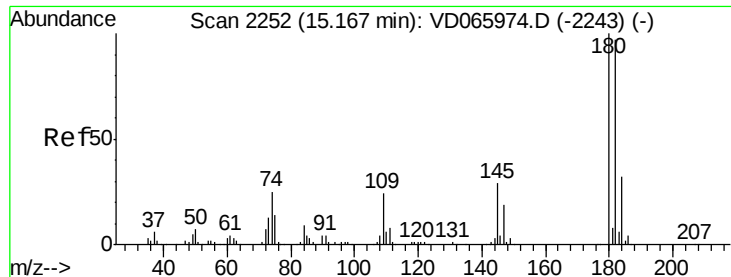
Tot Ion:146 Resp: 270048
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 64.7 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.974 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion: 75 Resp: 16538
 Ion Ratio Lower Upper
 75 100
 155 106.1 48.5 145.5
 157 132.0 64.7 194.1

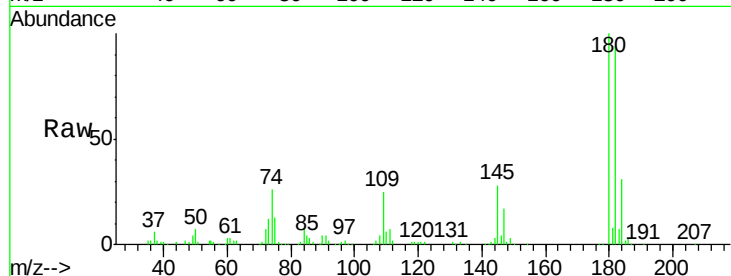




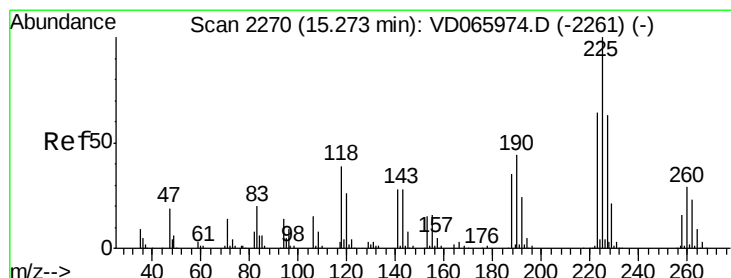
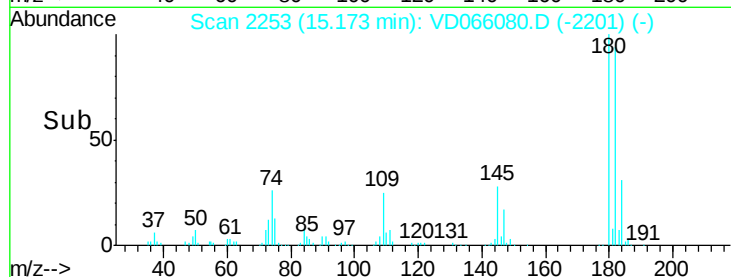
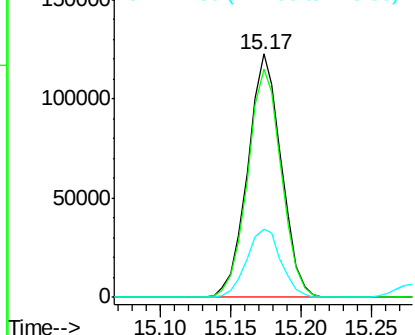
#93
1,2,4-Trichlorobenzene
Concen: 60.165 ug/l
RT: 15.17 min Scan# 2253
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:180 Resp: 204662
Ion Ratio Lower Upper
180 100
182 94.4 48.1 144.3
145 29.0 14.7 44.1

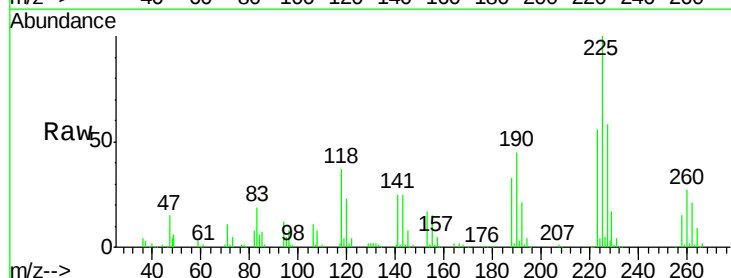


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

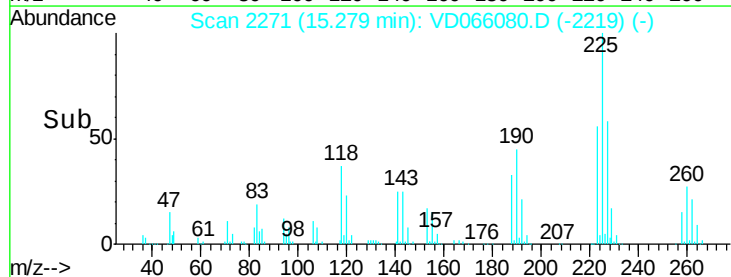
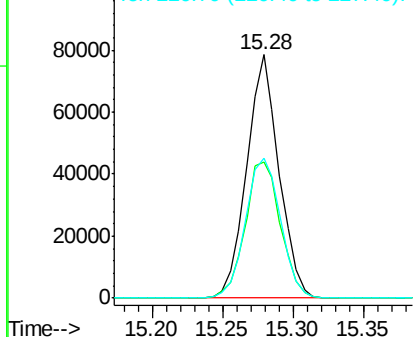


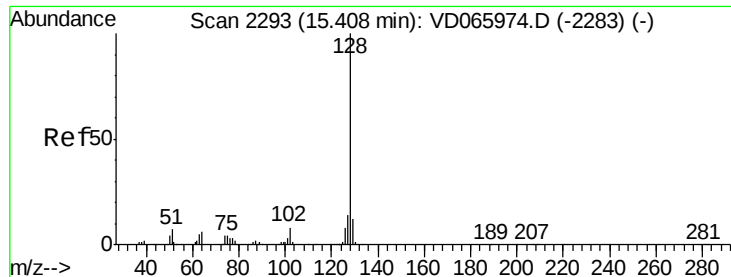
#94
Hexachlorobutadiene
Concen: 59.779 ug/l
RT: 15.28 min Scan# 2271
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion:225 Resp: 125717
Ion Ratio Lower Upper
225 100
223 61.3 31.2 93.6
227 62.5 31.6 94.8



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

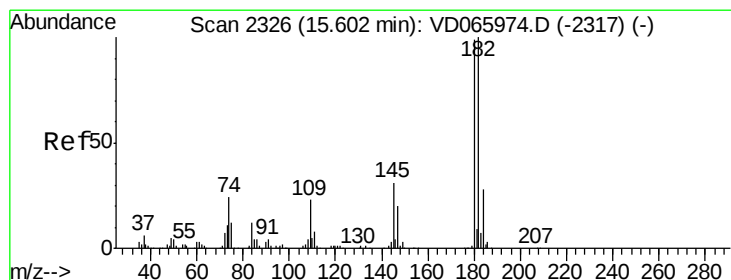
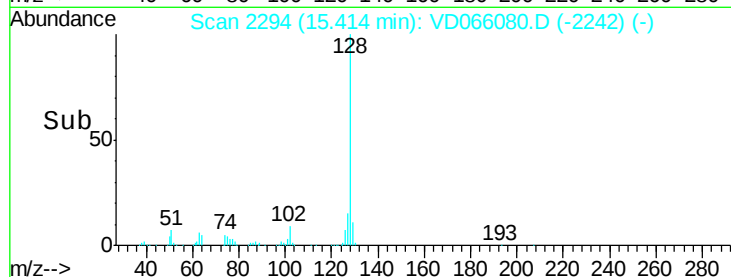
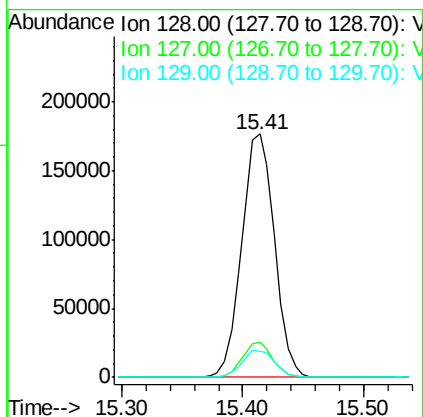
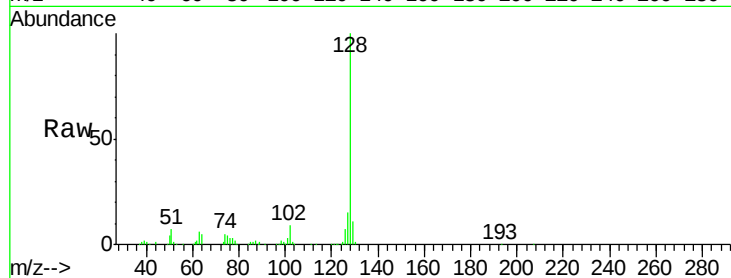




#95
Naphthalene
Concen: 54.796 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 333696
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 11.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 59.394 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion:180 Resp: 175643
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.6
145 31.0 15.4 46.2

