

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050120\
 Data File : VD065693.D
 Acq On : 01 May 2020 21:56
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050120

Quant Time: May 04 10:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050120S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 10:28:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	626661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	916159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	852739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	423378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	328203	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	7.92	113	298945	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.34	98	1131585	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.64	95	366135	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	148699	48.113	ug/l	98
3) Chloromethane	2.21	50	294952	50.925	ug/l	99
4) Vinyl Chloride	2.35	62	359571	45.648	ug/l	99
5) Bromomethane	2.77	94	230848	52.770	ug/l	97
6) Chloroethane	2.92	64	235240	45.604	ug/l	96
7) Trichlorofluoromethane	3.27	101	476154	47.777	ug/l	100
8) Diethyl Ether	3.71	74	136017	52.178	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	286823	47.760	ug/l	97
10) Methyl Iodide	4.30	142	294781	56.875	ug/l	96
11) Tert butyl alcohol	5.22	59	97273	272.933	ug/l	95
12) 1,1-Dichloroethene	4.07	96	261343	50.713	ug/l	97
13) Acrolein	3.93	56	142123	270.487	ug/l	94
14) Allyl chloride	4.71	41	476399	53.386	ug/l	99
15) Acrylonitrile	5.43	53	324883	258.934	ug/l	99
16) Acetone	4.16	43	257773	225.415	ug/l	99
17) Carbon Disulfide	4.41	76	838295	48.484	ug/l	99
18) Methyl Acetate	4.72	43	171836	48.685	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	643554	55.567	ug/l	94
20) Methylene Chloride	4.97	84	327970	51.368	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	317651	50.671	ug/l	95
22) Diisopropyl ether	6.37	45	1000008	55.405	ug/l	99
23) Vinyl Acetate	6.31	43	2868828	285.515	ug/l	99
24) 1,1-Dichloroethane	6.27	63	577057	50.837	ug/l	98
25) 2-Butanone	7.21	43	406597	246.805	ug/l	100
26) 2,2-Dichloropropane	7.21	77	476172	48.024	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	347077	52.149	ug/l	99
28) Bromochloromethane	7.55	49	232442	49.474	ug/l	86
29) Tetrahydrofuran	7.57	42	275045	269.809	ug/l	99
30) Chloroform	7.71	83	596166	49.567	ug/l	98
31) Cyclohexane	7.99	56	502438	49.866	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	538902	50.220	ug/l	97
36) 1,1-Dichloropropene	8.11	75	449938	49.706	ug/l	97
37) Ethyl Acetate	7.30	43	197112	50.760	ug/l	99
38) Carbon Tetrachloride	8.10	117	490235	47.781	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	511373	52.447	ug/l	97
40) Benzene	8.36	78	1256158	48.783	ug/l	97
41) Methacrylonitrile	7.54	41	126180m	56.271	ug/l	
42) 1,2-Dichloroethane	8.43	62	408595	49.143	ug/l	99
43) Isopropyl Acetate	9.53	43	275158	52.892	ug/l #	95
44) Trichloroethene	9.11	130	347505	49.144	ug/l	99
45) 1,2-Dichloropropane	9.39	63	319812	48.876	ug/l	98
46) Dibromomethane	9.48	93	171704	48.313	ug/l	97
47) Bromodichloromethane	9.67	83	459880	47.984	ug/l	98
48) Methyl methacrylate	9.46	41	180588	53.290	ug/l	96
49) 1,4-Dioxane	9.47	88	38480	968.285	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	979801	260.120	ug/l	99
52) Toluene	10.41	92	818941	50.884	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	426321	51.347	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	503170	51.694	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	228585	48.153	ug/l	98
56) Ethyl methacrylate	10.67	69	278690	48.801	ug/l	99
57) 1,3-Dichloropropane	10.95	76	401455	49.267	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	659093	287.655	ug/l	96
59) 2-Hexanone	10.99	43	660853	265.037	ug/l	99
60) Dibromochloromethane	11.14	129	313936	48.936	ug/l	99
61) 1,2-Dibromoethane	11.25	107	226330	50.731	ug/l	100
64) Tetrachloroethene	10.88	164	297502	48.392	ug/l	97
65) Chlorobenzene	11.68	112	851769	49.396	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	333567	48.871	ug/l	98
67) Ethyl Benzene	11.75	91	1540636	51.769	ug/l	100
68) m/p-Xylenes	11.86	106	1192193	105.277	ug/l	95
69) o-Xylene	12.18	106	531982	53.755	ug/l	98
70) Styrene	12.20	104	955307	48.622	ug/l	98
71) Bromoform	12.37	173	190511	49.945	ug/l	97
73) Isopropylbenzene	12.48	105	1447813	56.422	ug/l	100
74) N-amyl acetate	12.30	43	337661	57.342	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	253407	52.675	ug/l	93
76) 1,2,3-Trichloropropane	12.79	75	172039m	53.383	ug/l	
77) Bromobenzene	12.77	156	360026	52.841	ug/l	99
78) n-propylbenzene	12.83	91	1731358	55.204	ug/l	100
79) 2-Chlorotoluene	12.91	91	970876	54.442	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1220066	55.721	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	79040	52.847	ug/l	100
82) 4-Chlorotoluene	13.01	91	1038204	53.771	ug/l	100
83) tert-Butylbenzene	13.23	119	1015827	55.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	1227968	51.125	ug/l	99
85) sec-Butylbenzene	13.41	105	1438035	55.657	ug/l	100
86) p-Isopropyltoluene	13.53	119	1354848	56.117	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	690043	51.985	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	680640	51.063	ug/l	100
89) n-Butylbenzene	13.86	91	1225510	55.437	ug/l	99
90) Hexachloroethane	14.12	117	274498	52.218	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	597358	52.108	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	40656	49.883	ug/l	95

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Quant Title : SW846 8260
QLast Update : Mon May 04 10:28:10 2020
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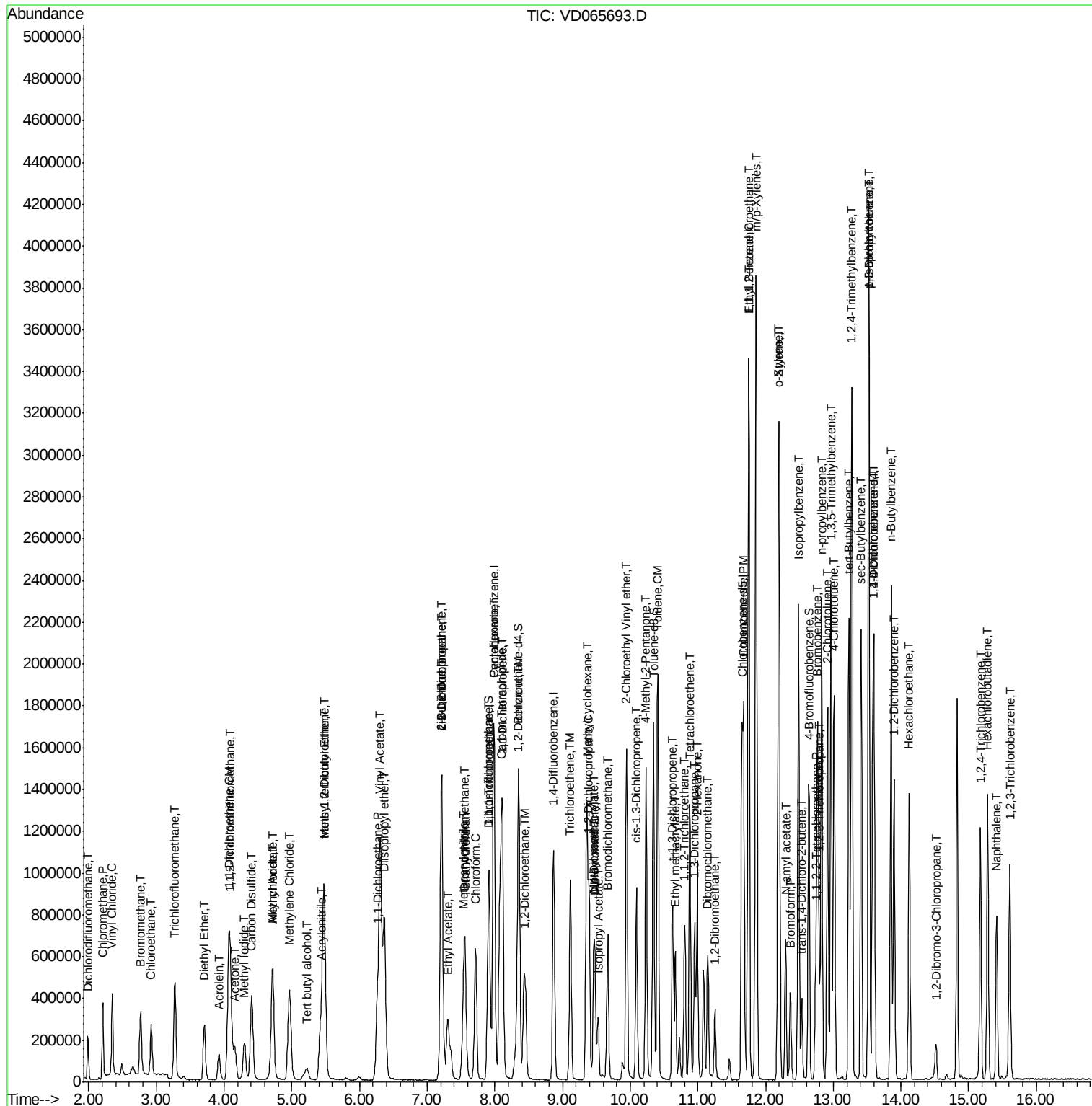
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	405549	54.888	ug/l	99
94) Hexachlorobutadiene	15.28	225	272975	52.408	ug/l	98
95) Naphthalene	15.41	128	663682	52.576	ug/l	96
96) 1,2,3-Trichlorobenzene	15.61	180	365099	56.793	ug/l	98

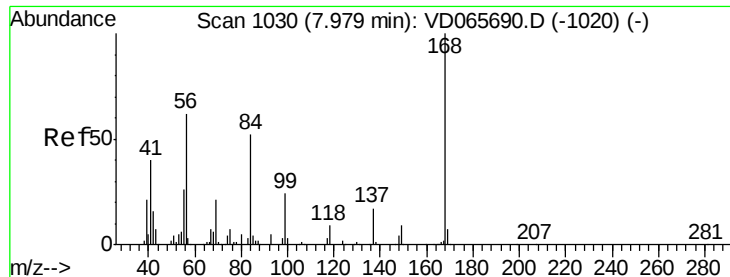
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

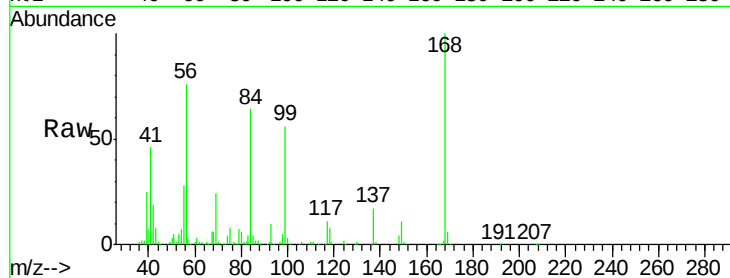
ICVVD050120

Tot Ion:168 Resp: 626661

Ion Ratio Lower Upper

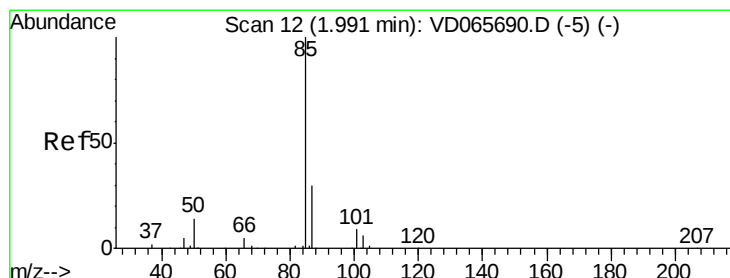
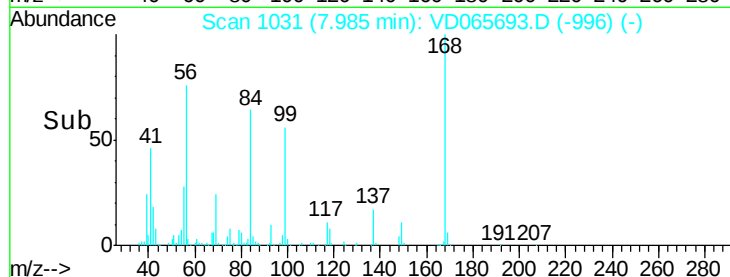
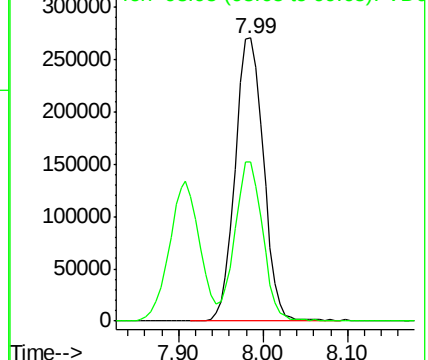
168 100

99 56.3 44.8 67.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 48.113 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD065693.D

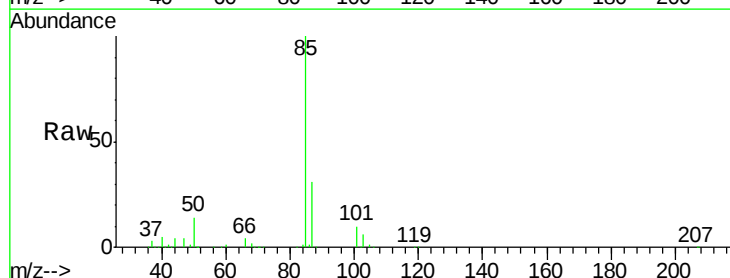
Acq: 01 May 2020 21:56

Tgt Ion: 85 Resp: 148699

Ion Ratio Lower Upper

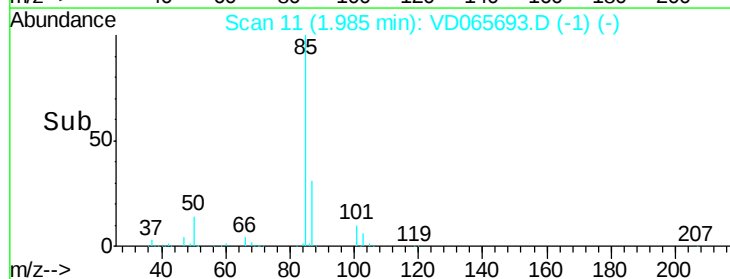
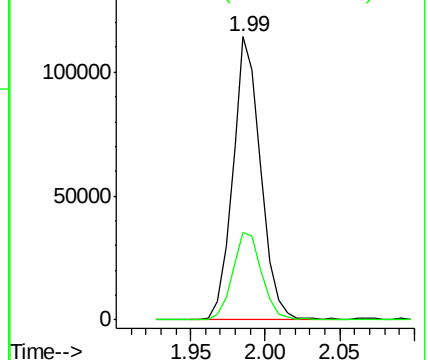
85 100

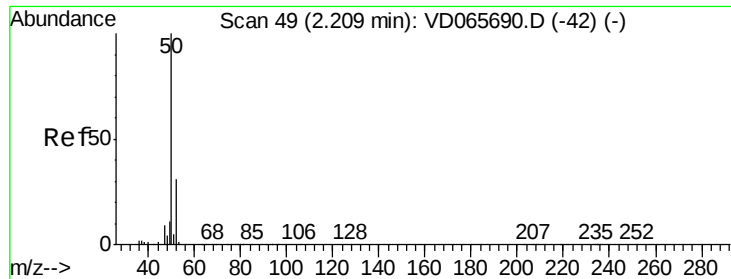
87 31.0 14.9 44.5



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

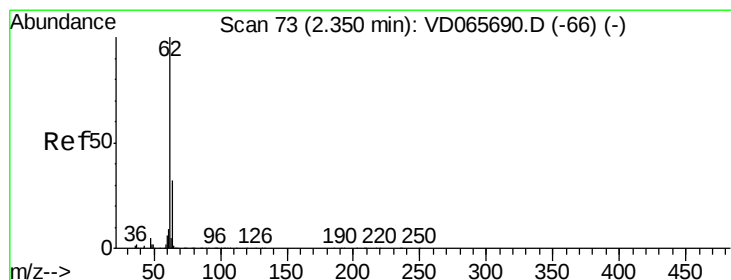
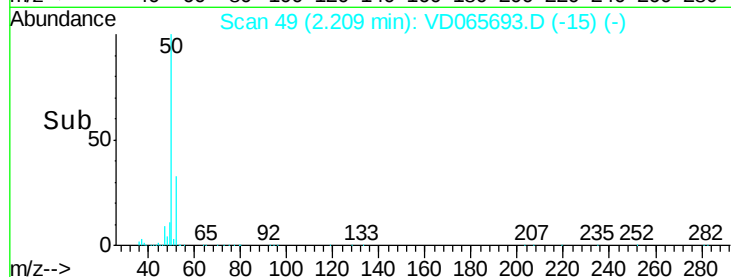
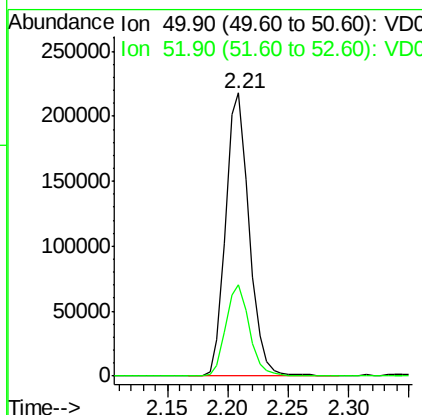
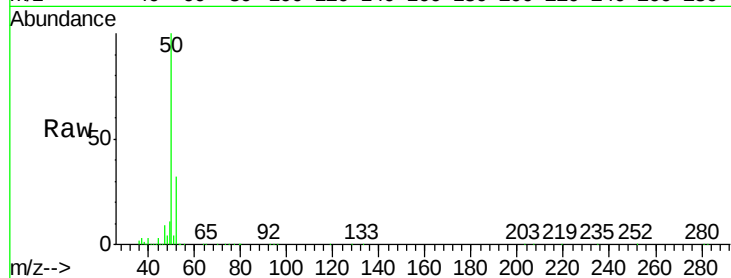




#3
Chloromethane
Concen: 50.925 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

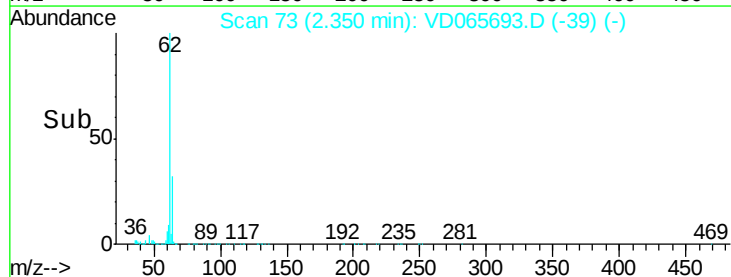
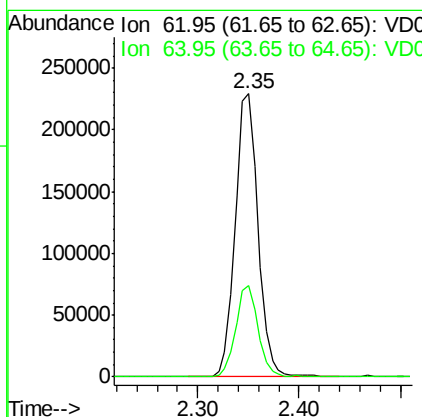
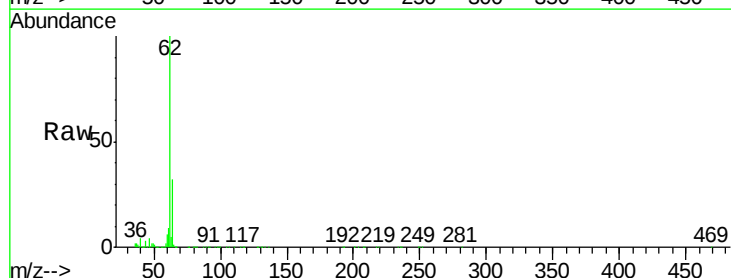
Instrument :
MSVOA_D
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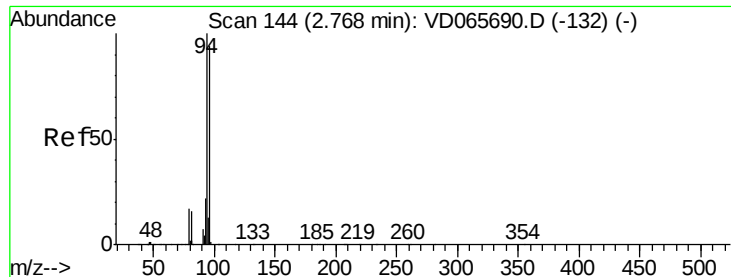
Tot Ion: 50 Resp: 294952
Ion Ratio Lower Upper
50 100
52 32.3 25.2 37.8



#4
Vinyl Chloride
Concen: 45.648 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion: 62 Resp: 359571
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5

Bromomethane

Concen: 52.770 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

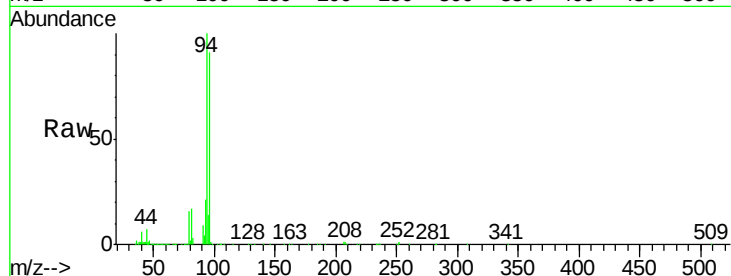
Tot Ion: 94 Resp: 230848

Ion Ratio Lower Upper

94 100

96 91.0 75.1 112.7

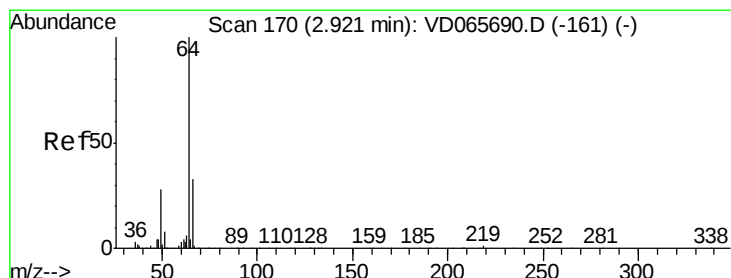
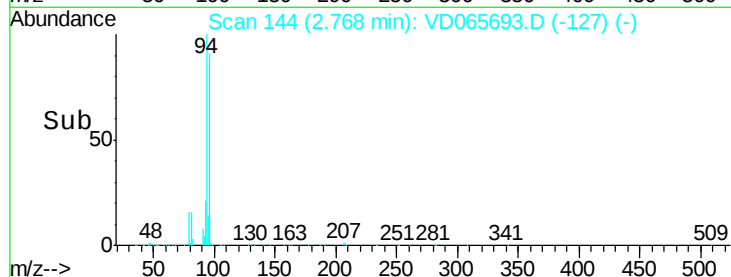
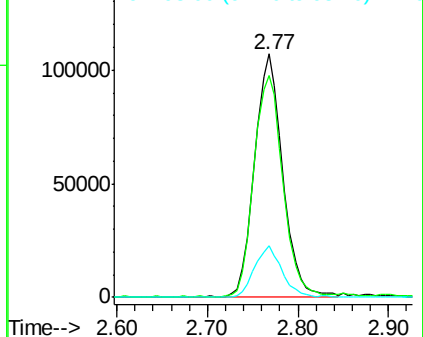
93 21.4 17.8 26.6



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 45.604 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065693.D

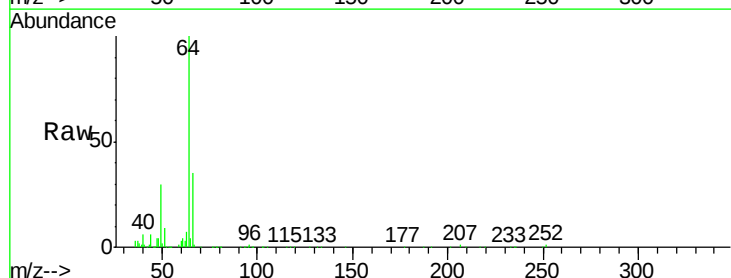
Acq: 01 May 2020 21:56

Tgt Ion: 64 Resp: 235240

Ion Ratio Lower Upper

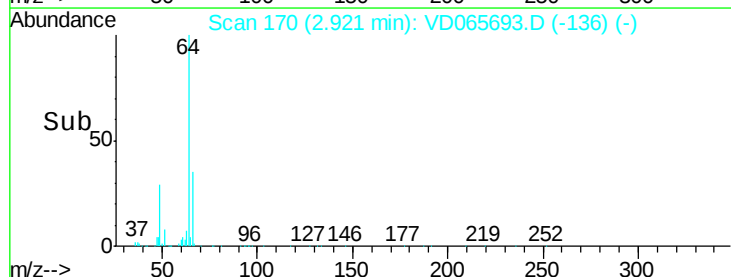
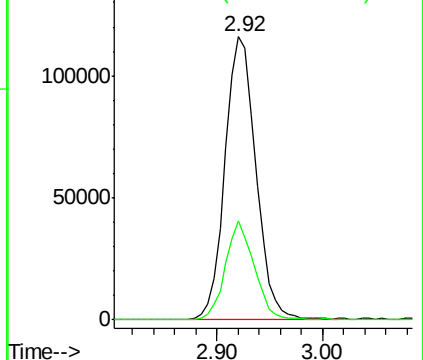
64 100

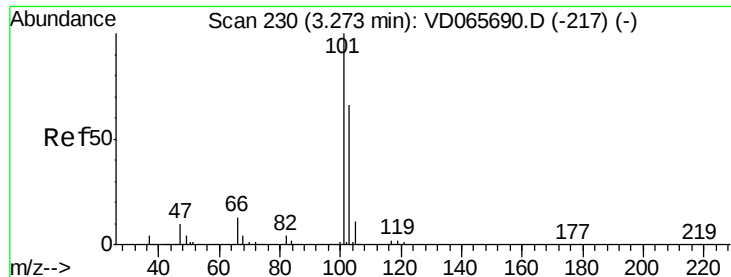
66 34.8 26.2 39.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



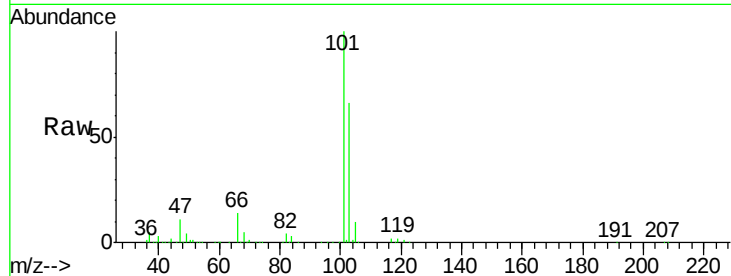


#7

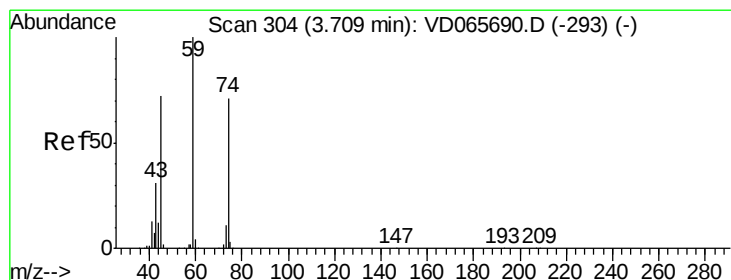
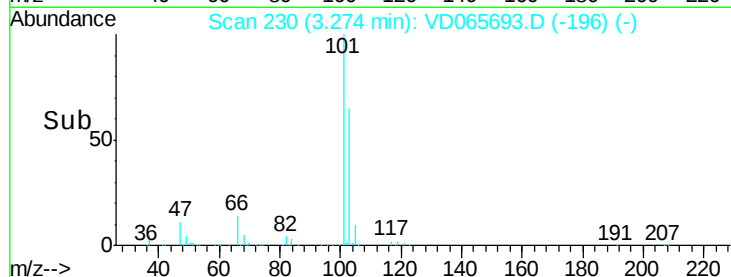
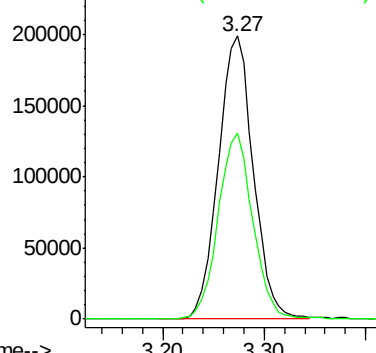
Trichlorofluoromethane
 Concen: 47.777 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065693.D
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Tot Ion:101 Resp: 476154
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.6 79.0



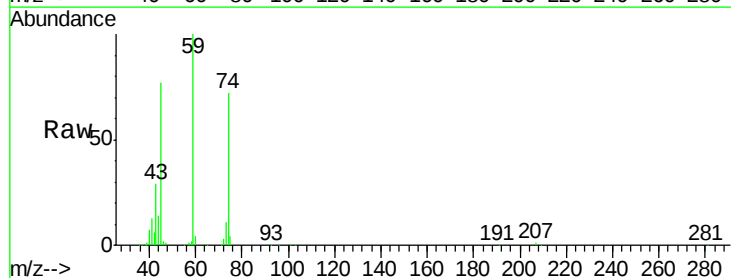
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



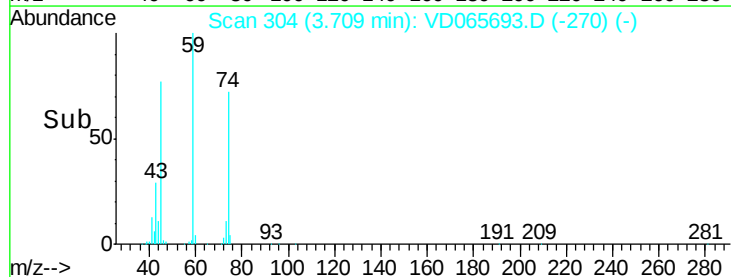
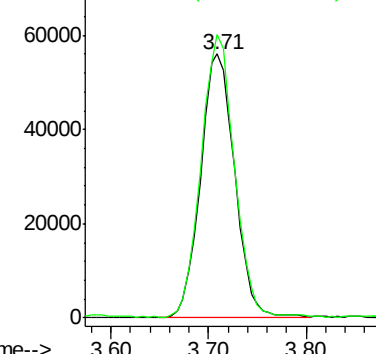
#8

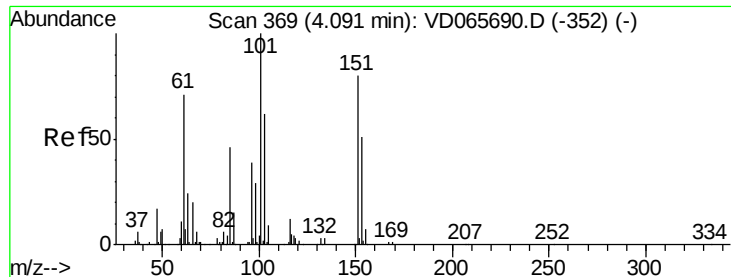
Diethyl Ether
 Concen: 52.178 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
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Tgt Ion: 74 Resp: 136017
 Ion Ratio Lower Upper
 74 100
 45 107.4 50.8 152.4



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.760 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

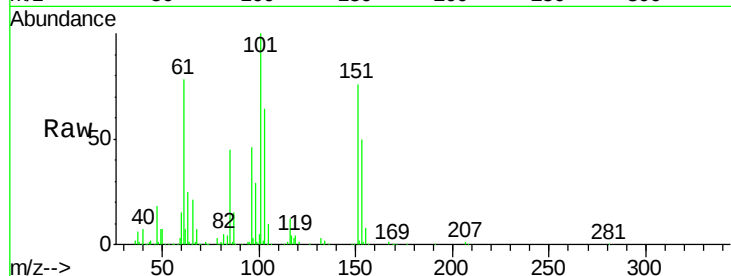
Tot Ion:101 Resp: 286823

Ion Ratio Lower Upper

101 100

85 44.9 36.7 55.1

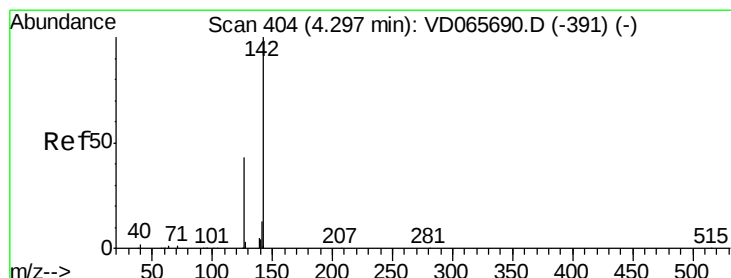
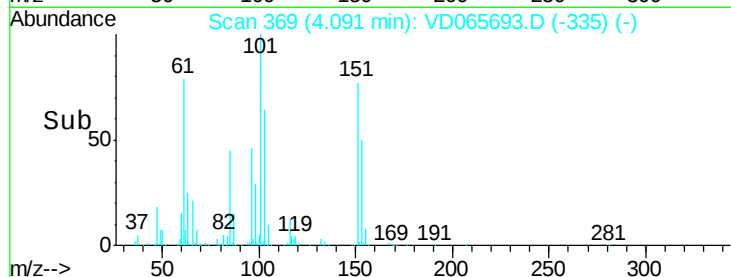
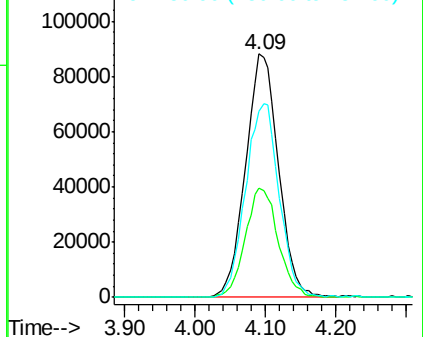
151 76.4 63.8 95.6



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): VD

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 56.875 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

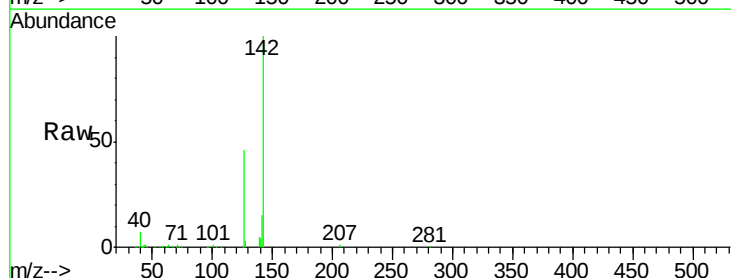
Tgt Ion:142 Resp: 294781

Ion Ratio Lower Upper

142 100

127 45.5 34.3 51.5

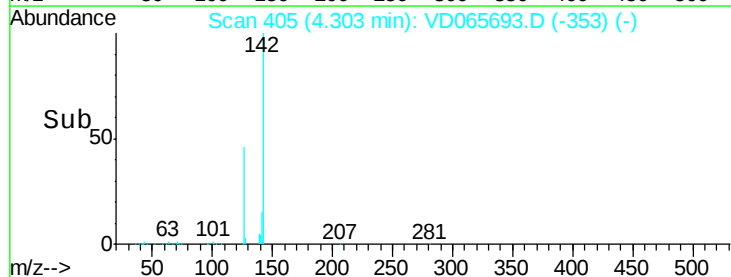
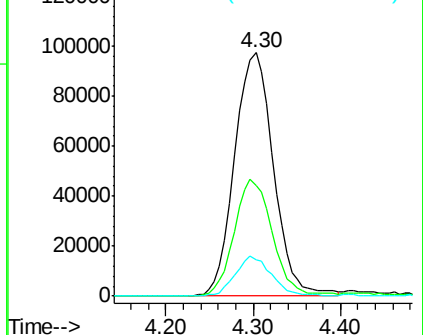
141 15.0 10.3 15.5

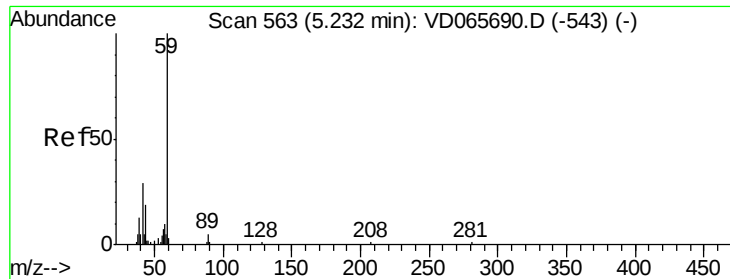


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

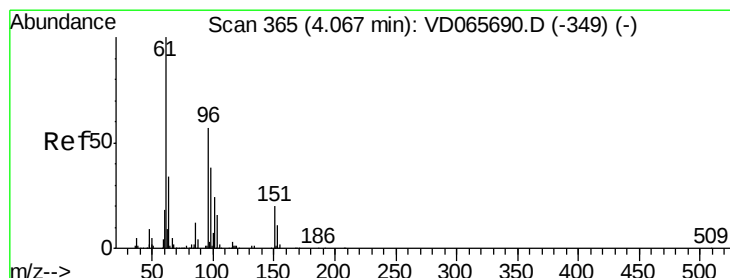
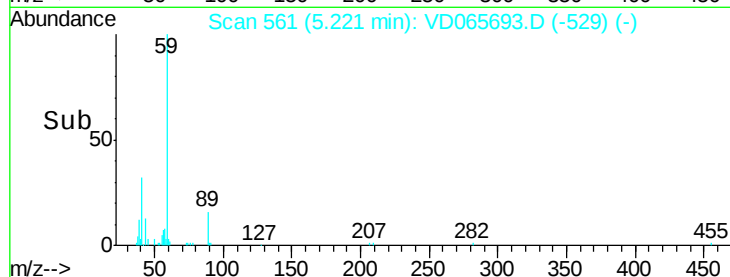
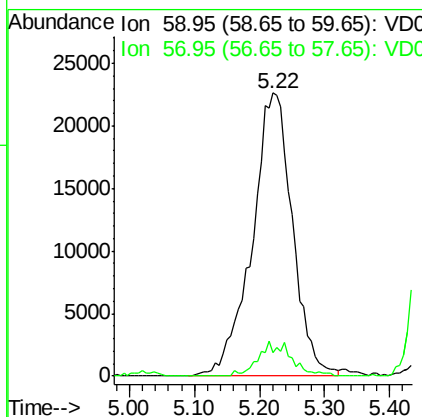
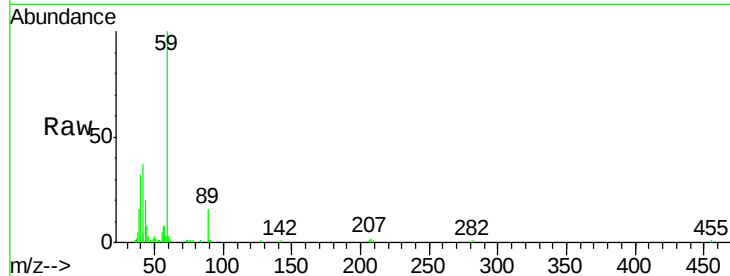




#11
Tert butyl alcohol
Concen: 272.933 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

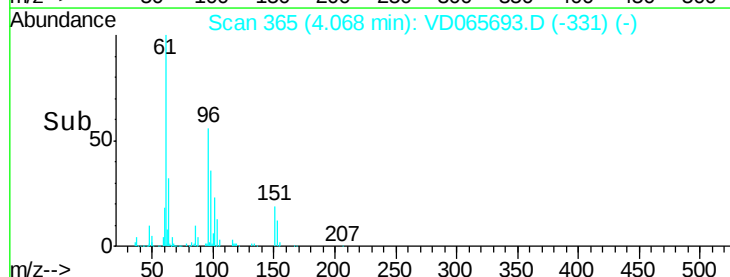
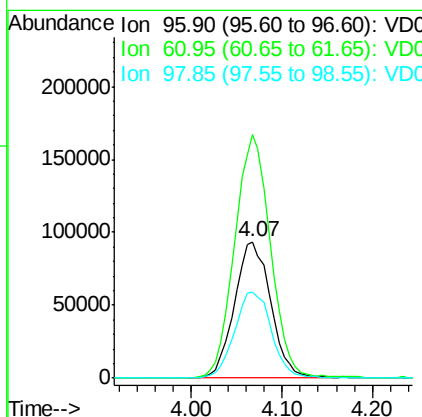
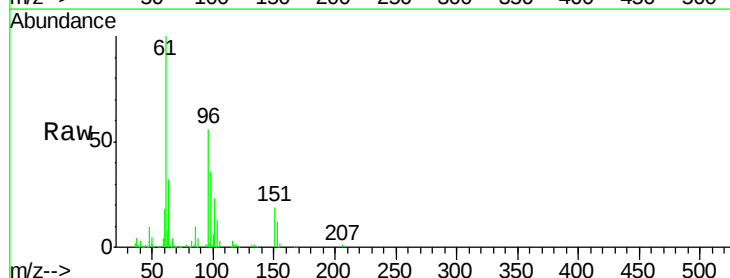
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

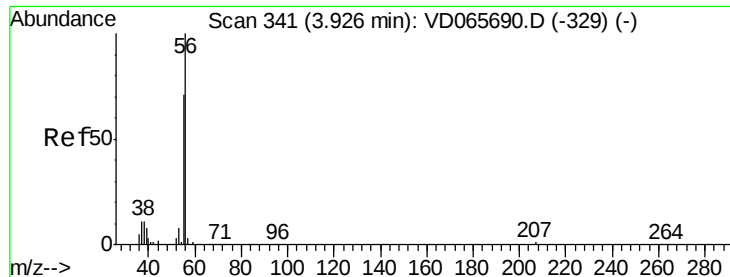
Tot Ion: 59 Resp: 97273
Ion Ratio Lower Upper
59 100
57 8.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.713 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion: 96 Resp: 261343
Ion Ratio Lower Upper
96 100
61 178.7 140.4 210.6
98 63.7 53.4 80.2





#13

Acrolein

Concen: 270.487 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

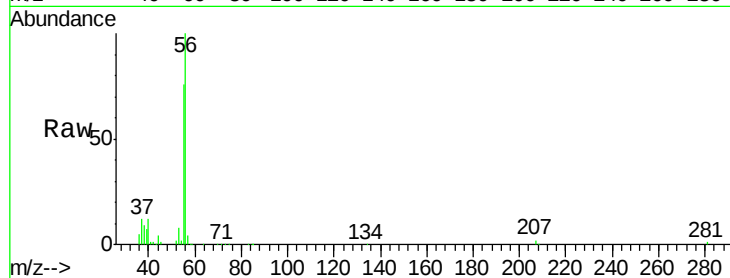
ICVVD050120

Tot Ion: 56 Resp: 142123

Ion Ratio Lower Upper

56 100

55 75.6 56.8 85.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

60000

50000

40000

30000

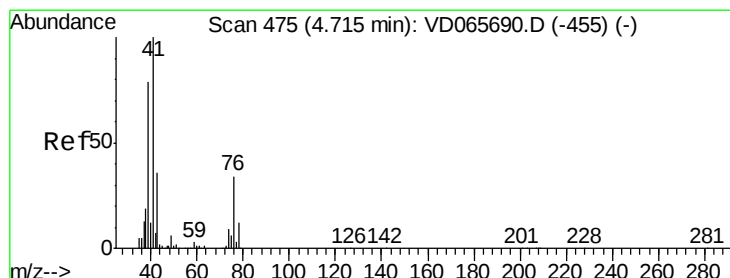
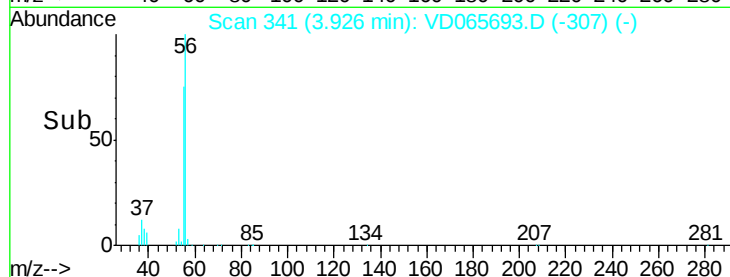
20000

10000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 53.386 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

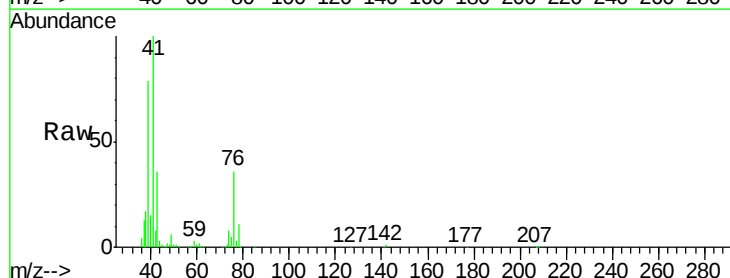
Tgt Ion: 41 Resp: 476399

Ion Ratio Lower Upper

41 100

39 79.0 63.6 95.4

76 35.6 27.4 41.0



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

4.71

200000

150000

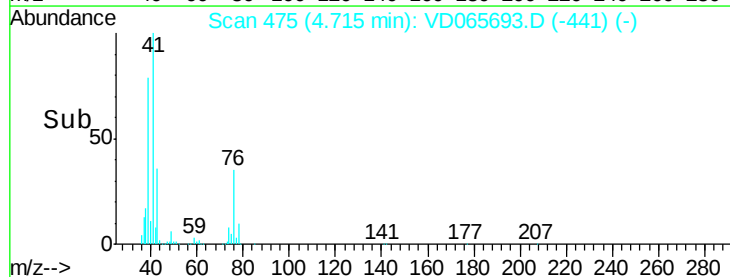
100000

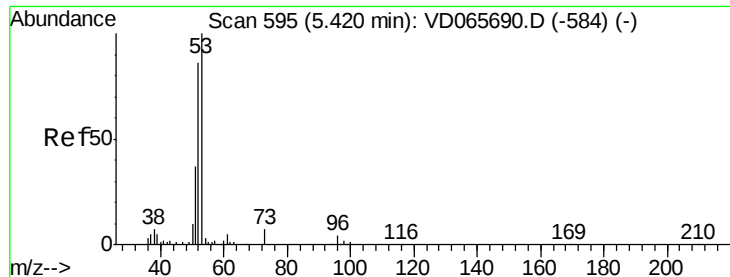
50000

0

Time-->

4.50 4.60 4.70 4.80 4.90





#15

Acrylonitrile

Concen: 258.934 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

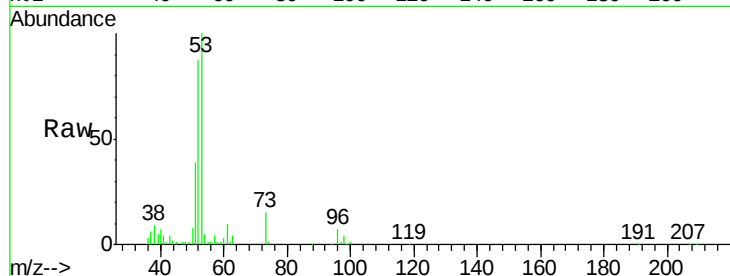
Tot Ion: 53 Resp: 324883

Ion Ratio Lower Upper

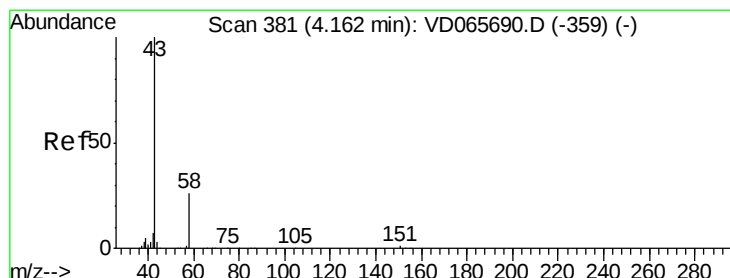
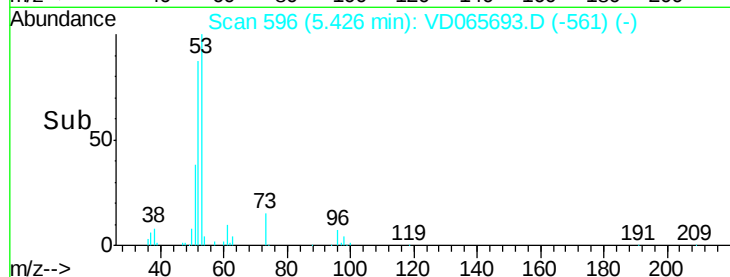
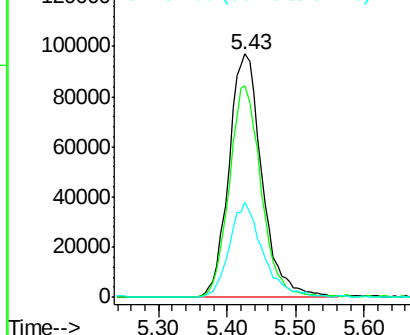
53 100

52 87.1 69.3 103.9

51 38.9 29.8 44.6



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



#16

Acetone

Concen: 225.415 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065693.D

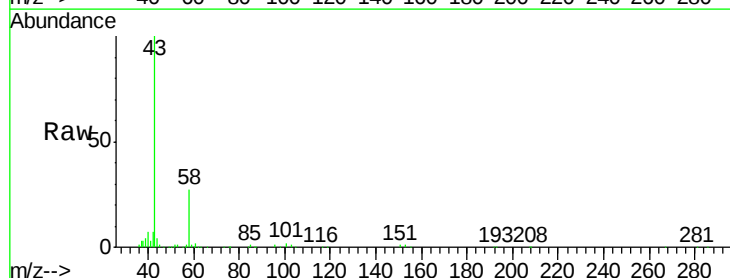
Acq: 01 May 2020 21:56

Tgt Ion: 43 Resp: 257773

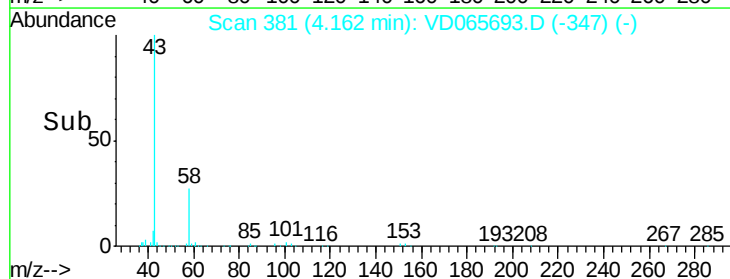
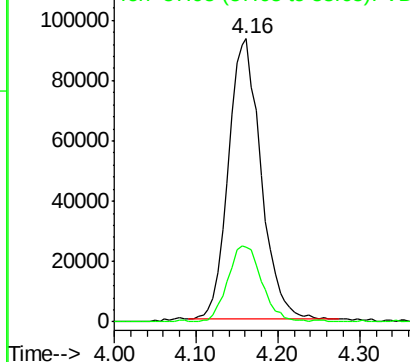
Ion Ratio Lower Upper

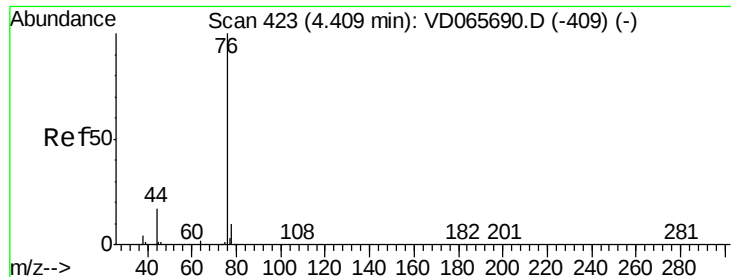
43 100

58 26.6 21.0 31.6



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

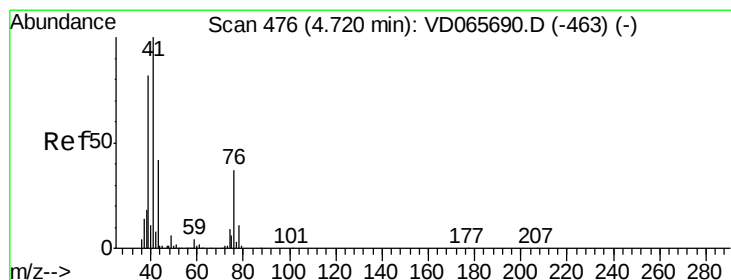
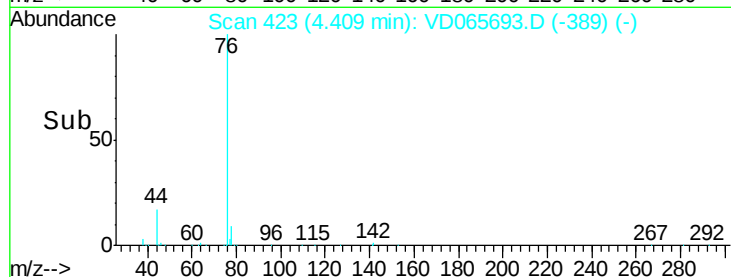
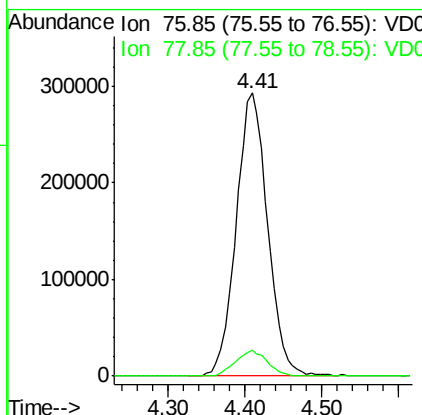
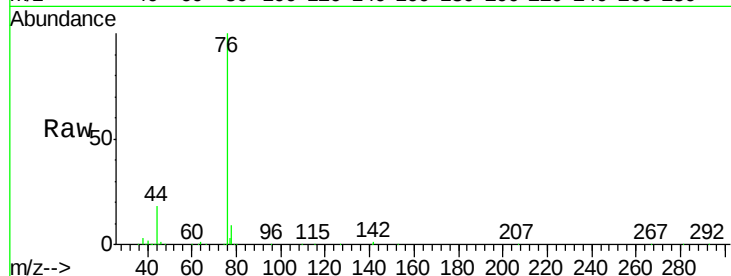




#17
Carbon Disulfide
Concen: 48.484 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

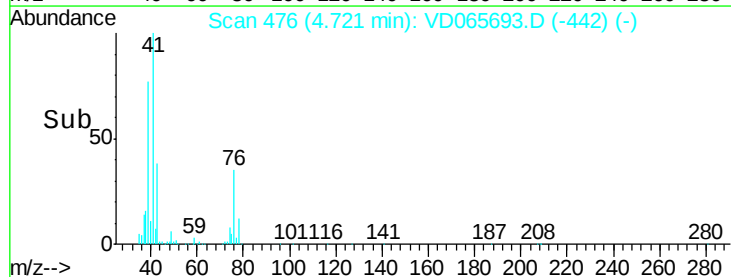
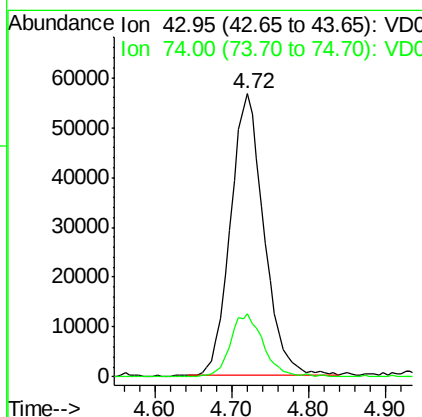
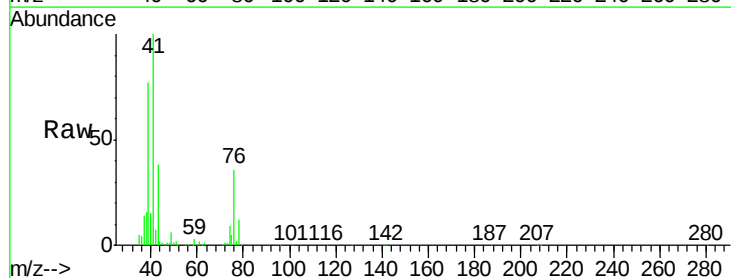
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

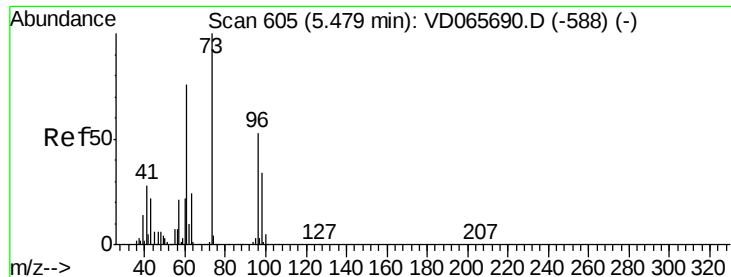
Tot Ion: 76 Resp: 838295
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6



#18
Methyl Acetate
Concen: 48.685 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion: 43 Resp: 171836
Ion Ratio Lower Upper
43 100
74 22.4 16.9 25.3



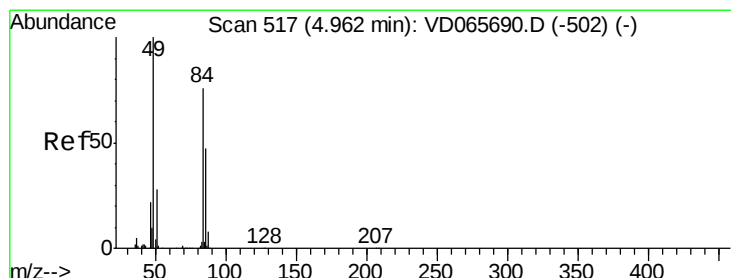
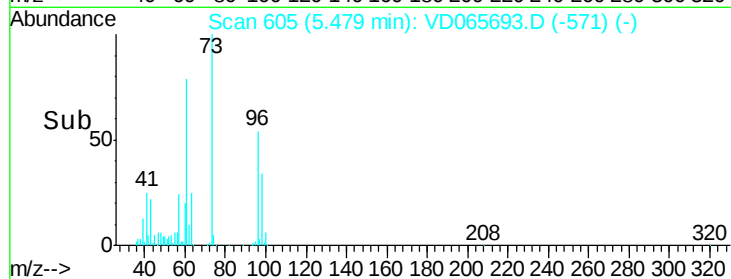
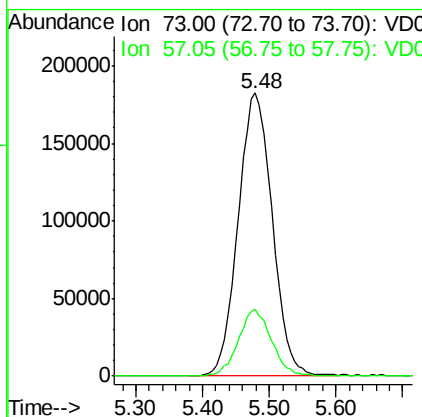
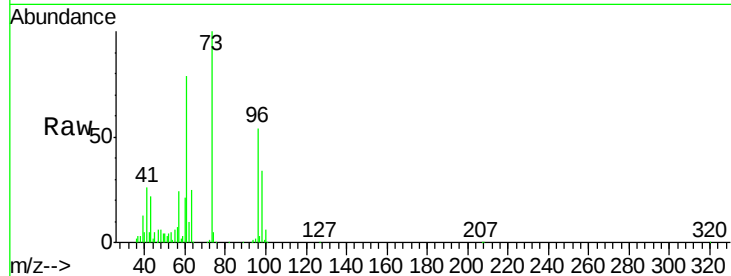


#19

Methyl tert-butyl Ether
 Concen: 55.567 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050120

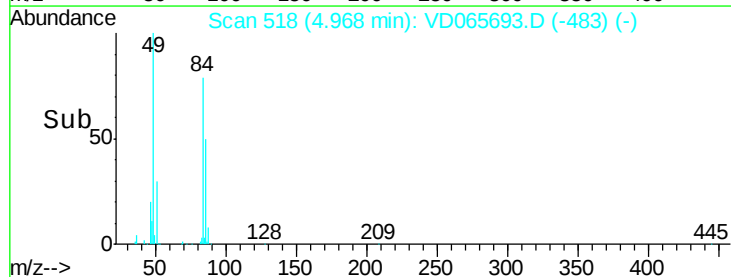
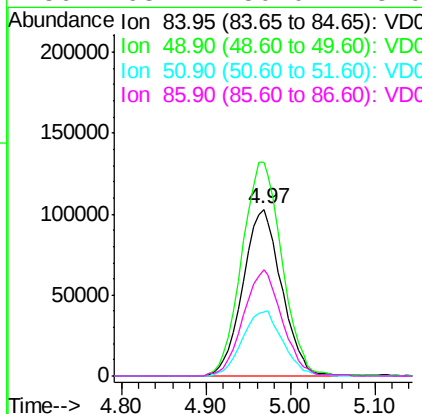
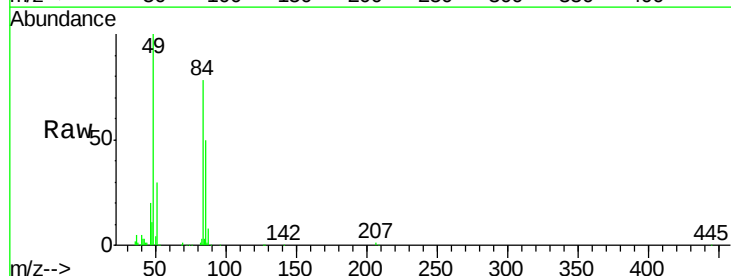
Tot Ion: 73 Resp: 643554
 Ion Ratio Lower Upper
 73 100
 57 23.8 16.8 25.2

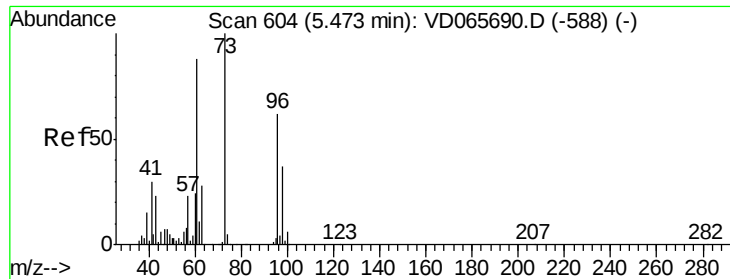


#20

Methylene Chloride
 Concen: 51.368 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

Tgt Ion: 84 Resp: 327970
 Ion Ratio Lower Upper
 84 100
 49 128.1 105.8 158.6
 51 38.4 29.4 44.2
 86 63.4 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 50.671 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

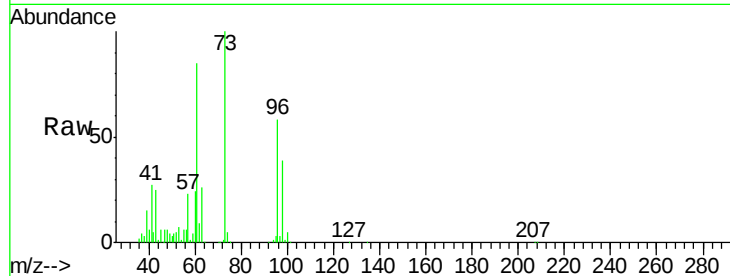
Tot Ion: 96 Resp: 317651

Ion Ratio Lower Upper

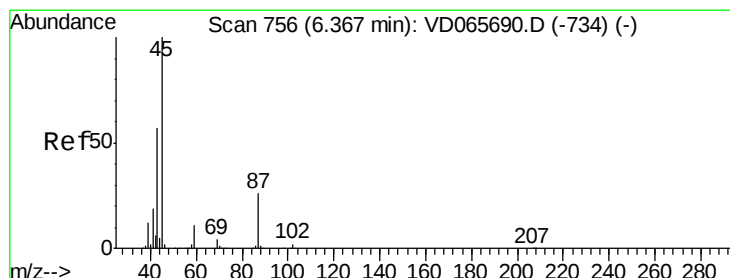
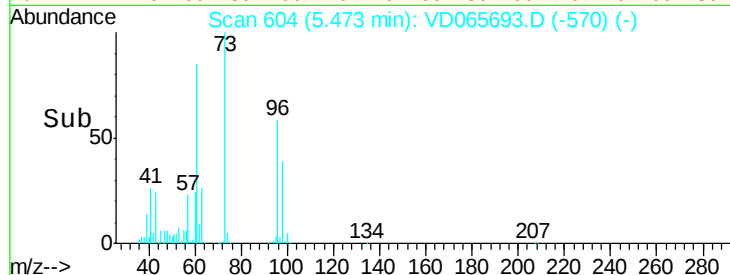
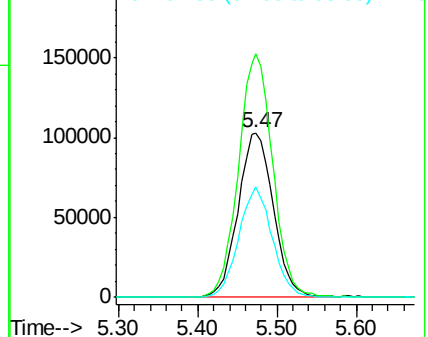
96 100

61 148.0 114.8 172.2

98 67.2 47.9 71.9



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 55.405 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Tgt Ion: 45 Resp: 1000008

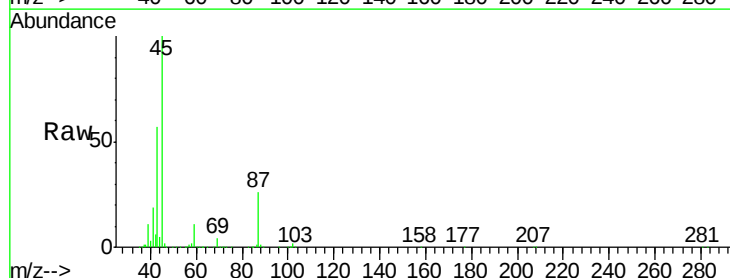
Ion Ratio Lower Upper

45 100

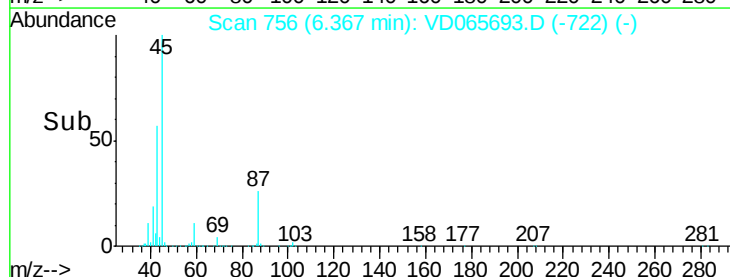
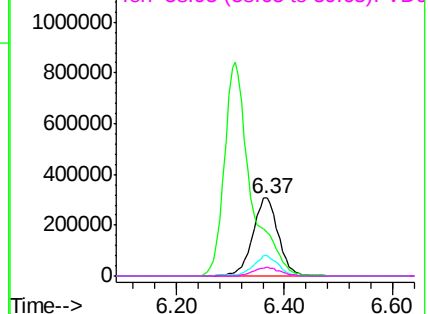
43 56.5 45.8 68.6

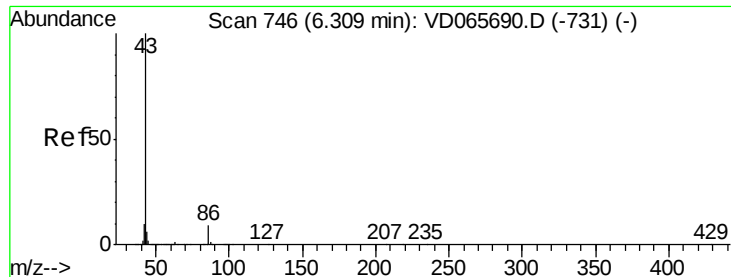
87 26.4 20.6 31.0

59 10.9 9.2 13.8



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC

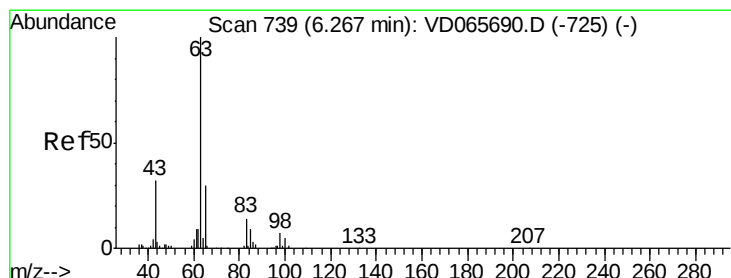
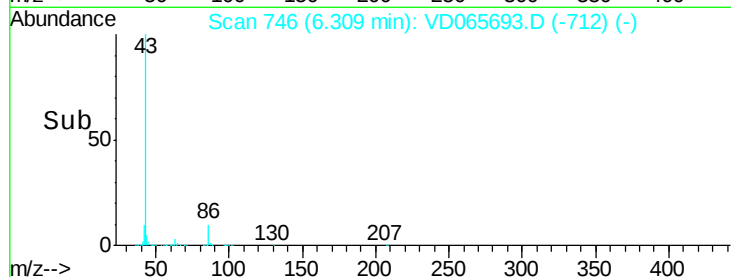
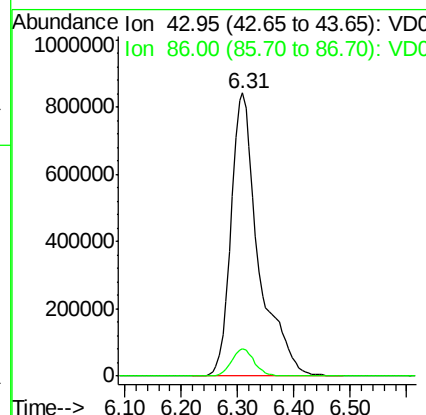
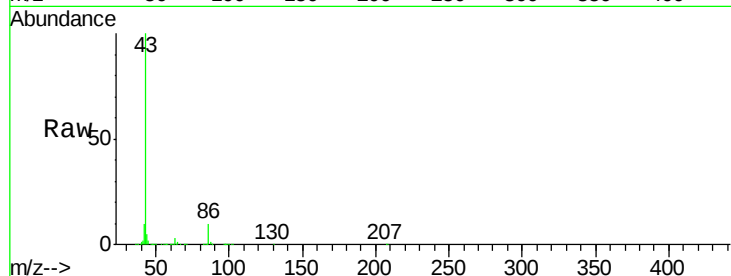




#23
 Vinyl Acetate
 Concen: 285.515 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

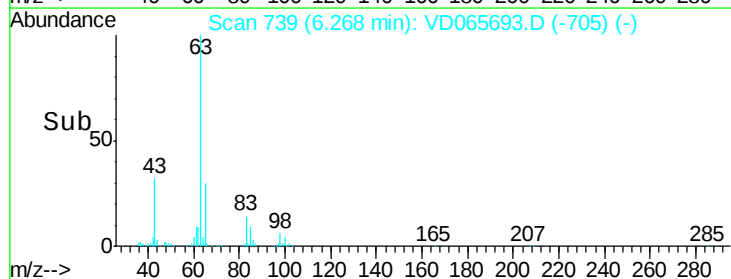
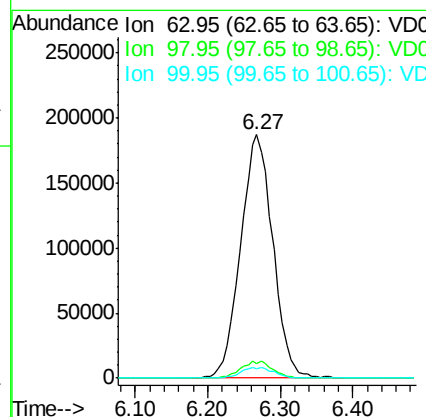
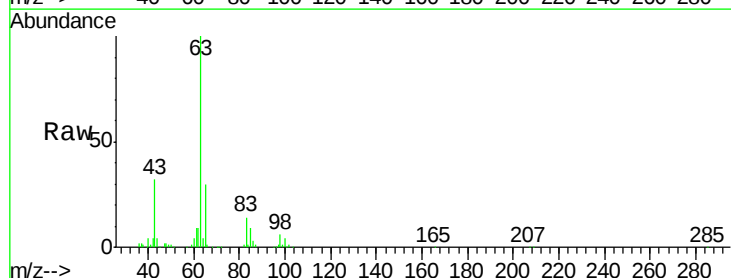
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050120

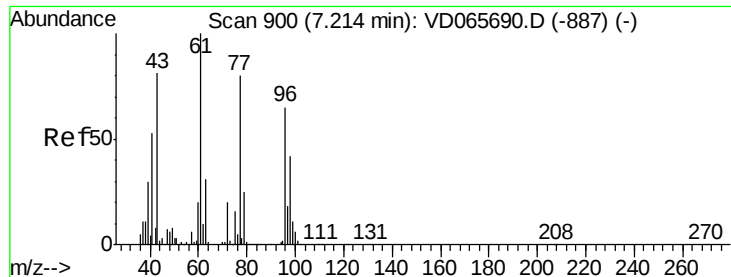
Tot Ion: 43 Resp: 2868828
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 50.837 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

Tgt Ion: 63 Resp: 577057
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.4 10.1
 100 3.9 2.3 6.9





#25

2-Butanone

Concen: 246.805 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

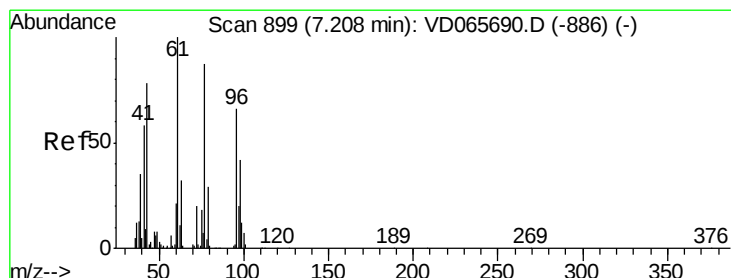
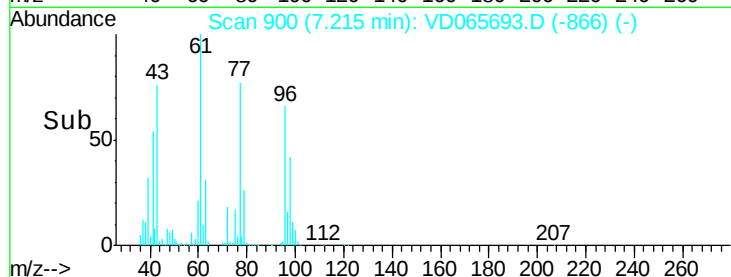
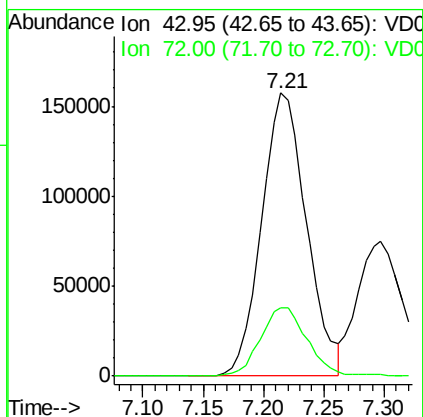
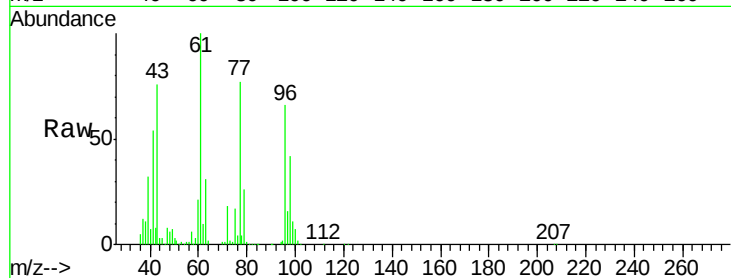
ICVVD050120

Tot Ion: 43 Resp: 406597

Ion Ratio Lower Upper

43 100

72 24.0 19.2 28.8



#26

2,2-Dichloropropane

Concen: 48.024 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065693.D

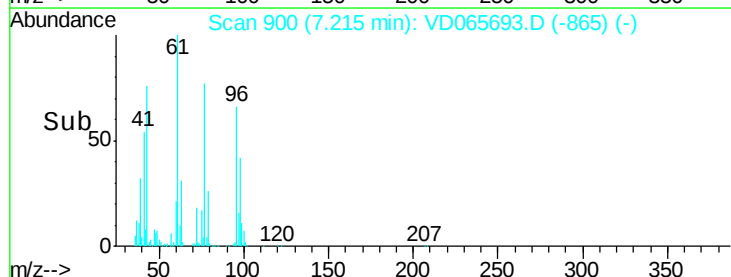
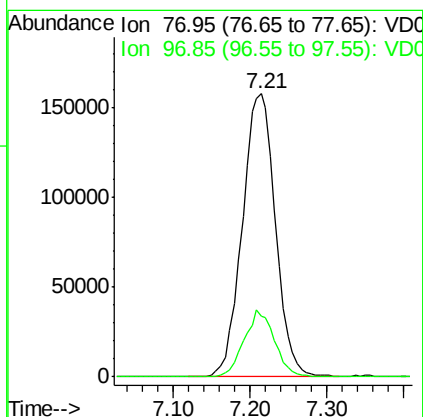
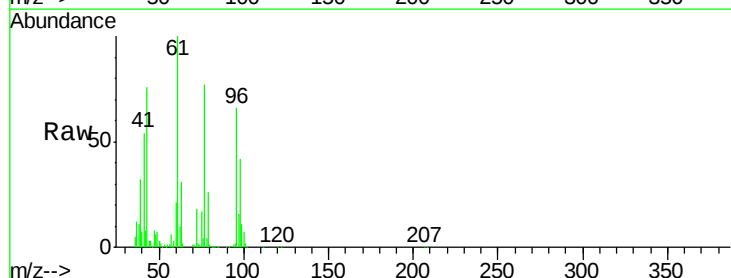
Acq: 01 May 2020 21:56

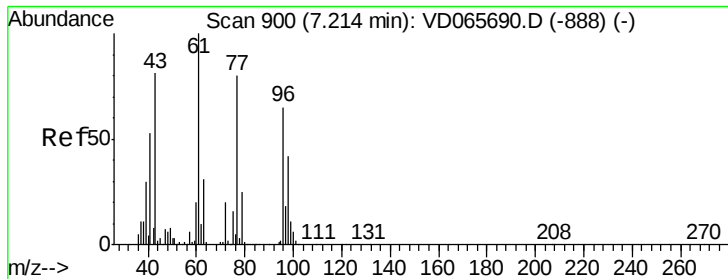
Tgt Ion: 77 Resp: 476172

Ion Ratio Lower Upper

77 100

97 21.2 11.7 35.1



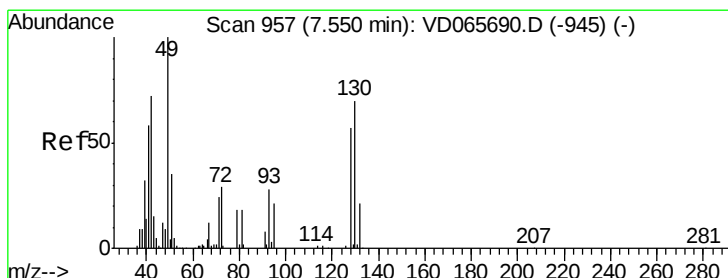
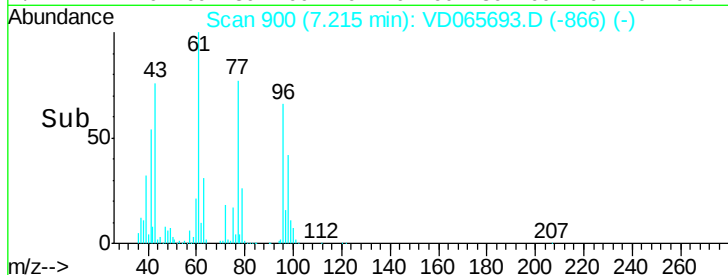
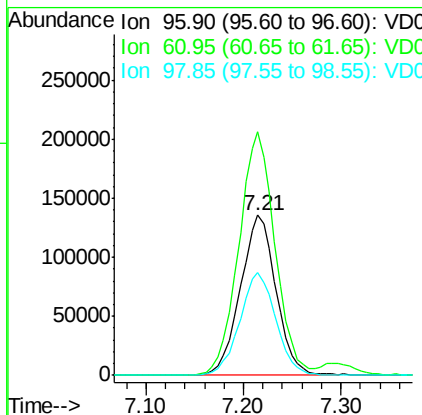
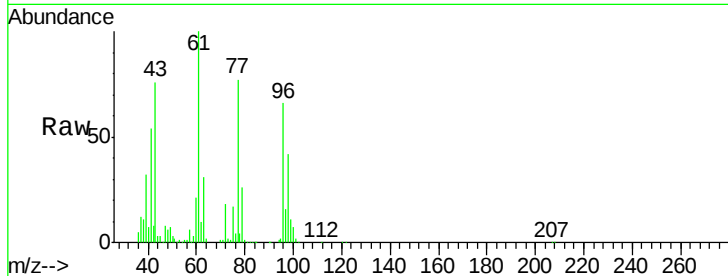


#27

cis-1,2-Dichloroethene
Concen: 52.149 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

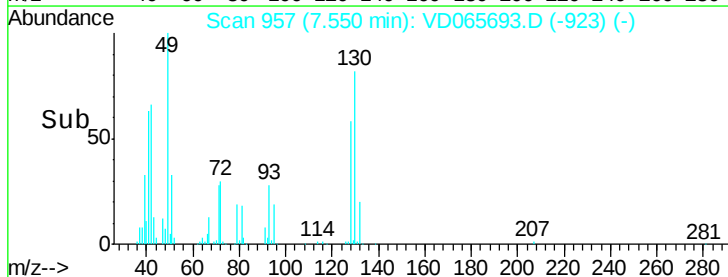
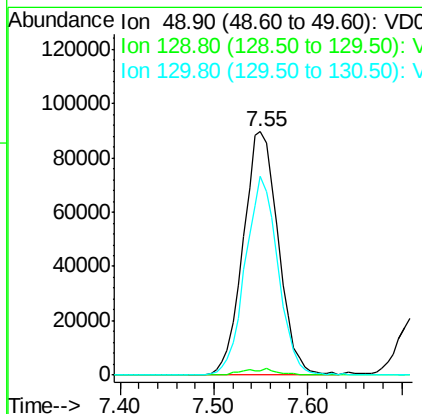
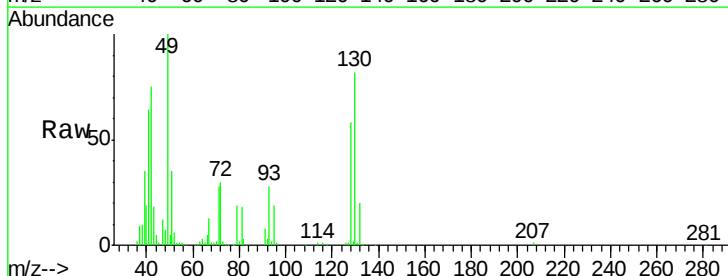
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	307.2
98	63.8	0.0	128.8

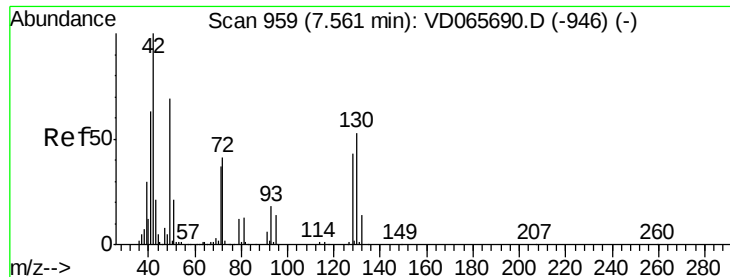


#28

Bromochloromethane
Concen: 49.474 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	81.6	55.8	83.6





#29

Tetrahydrofuran

Concen: 269.809 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

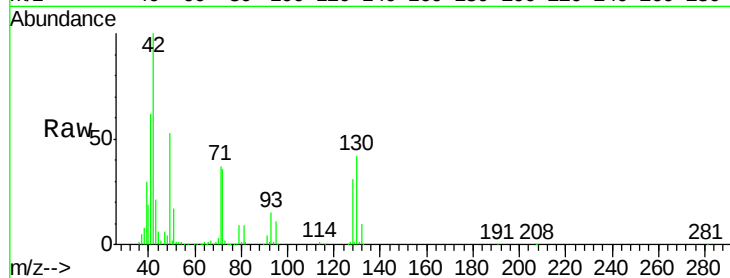
Tot Ion: 42 Resp: 275045

Ion Ratio Lower Upper

42 100

72 39.8 32.2 48.2

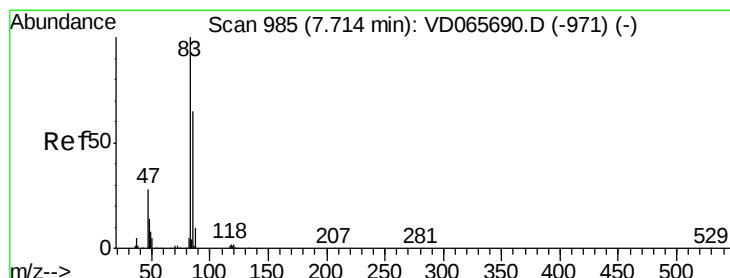
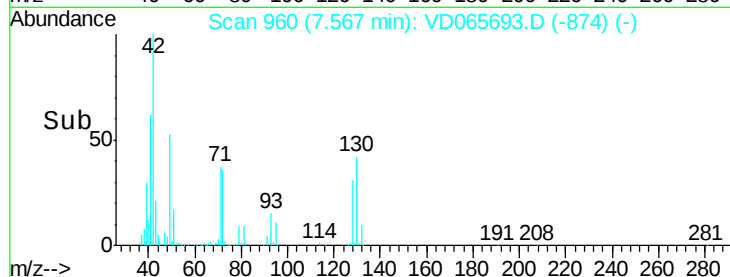
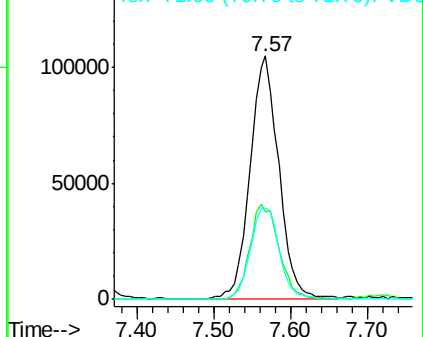
71 38.0 29.7 44.5



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: 49.567 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD065693.D

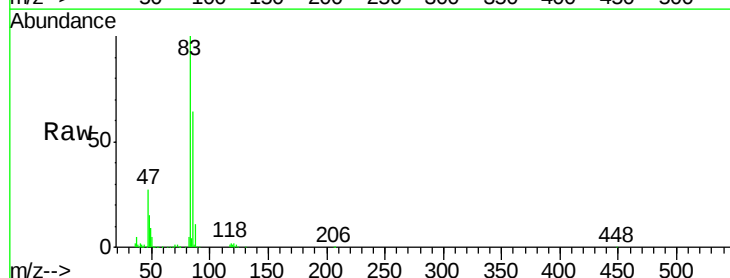
Acq: 01 May 2020 21:56

Tgt Ion: 83 Resp: 596166

Ion Ratio Lower Upper

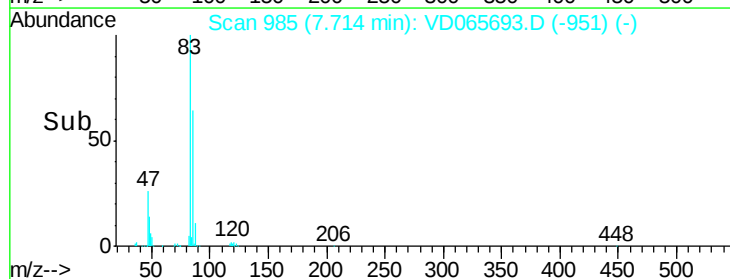
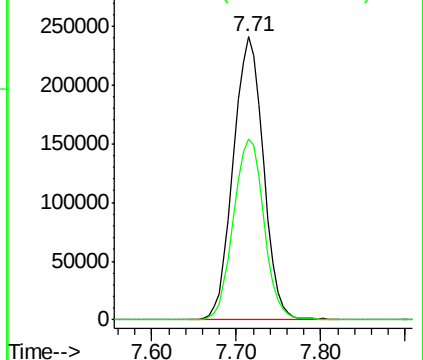
83 100

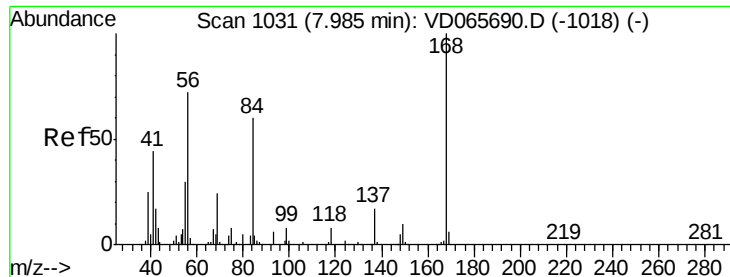
85 64.1 52.3 78.5



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

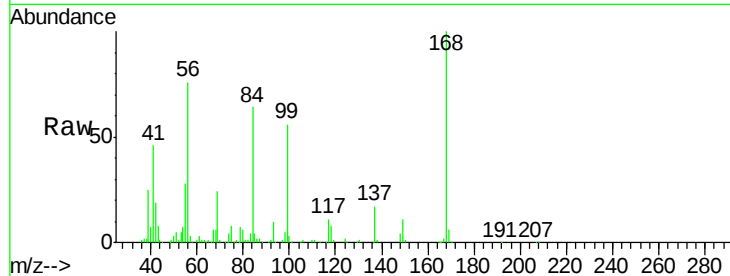




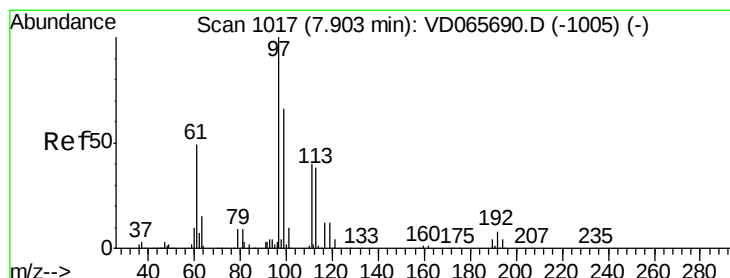
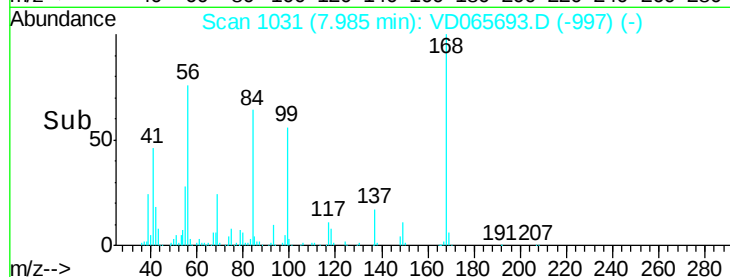
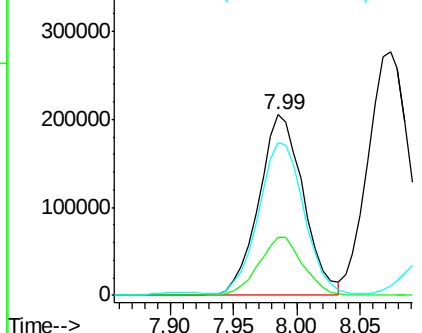
#31
Cyclohexane
Concen: 49.866 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

Tot Ion: 56 Resp: 502438
Ion Ratio Lower Upper
56 100
69 31.9 26.2 39.4
84 84.7 67.8 101.8

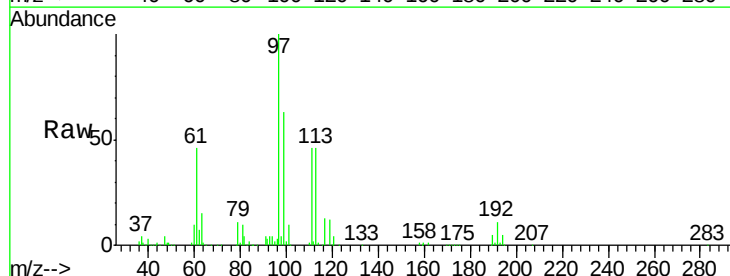


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

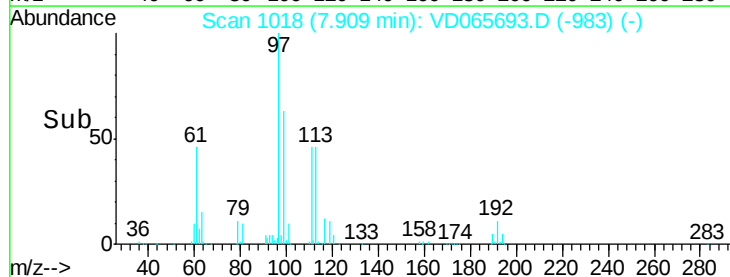
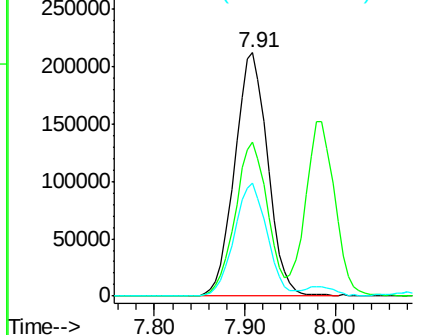


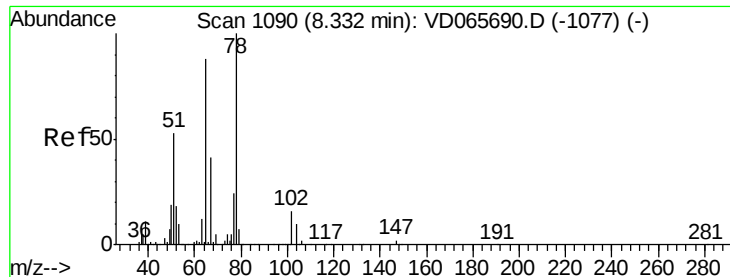
#32
1,1,1-Trichloroethane
Concen: 50.220 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion: 97 Resp: 538902
Ion Ratio Lower Upper
97 100
99 63.2 52.9 79.3
61 46.5 39.0 58.4



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC

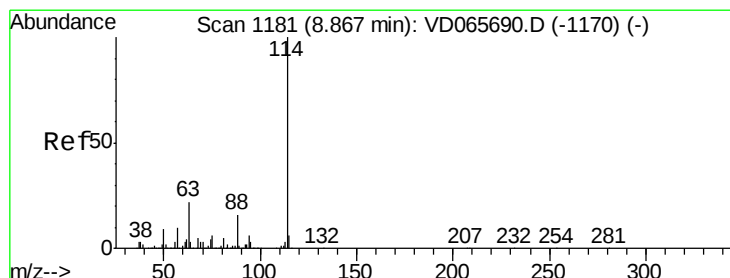
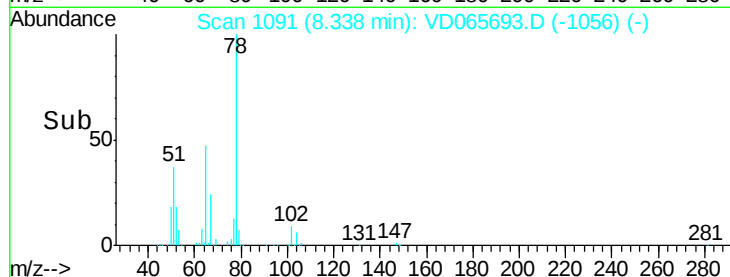
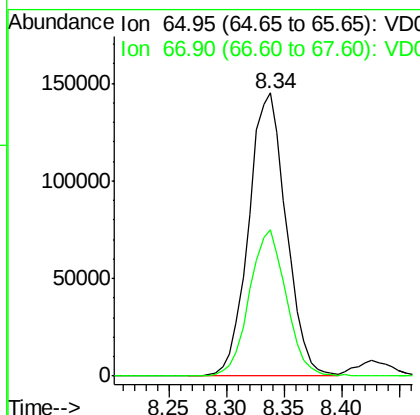
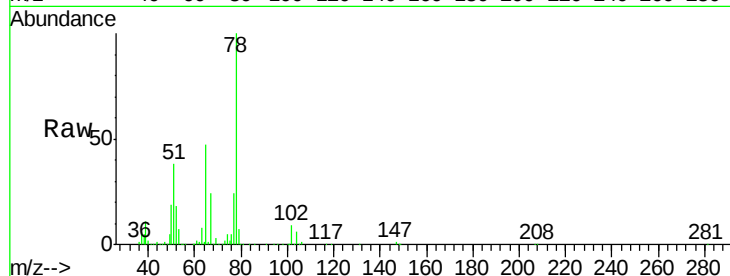




#33
 1,2-Dichloroethane-d4
 Concen: 47.707 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

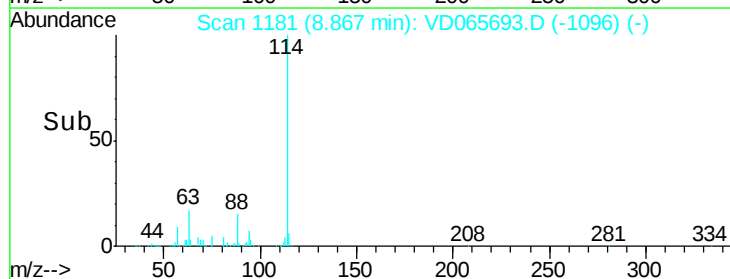
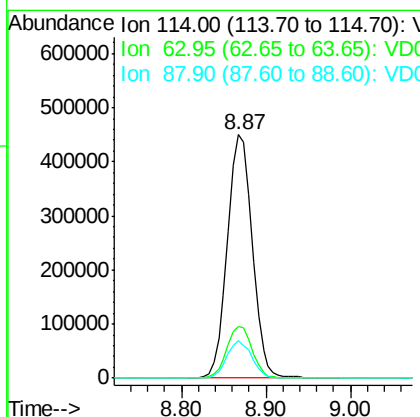
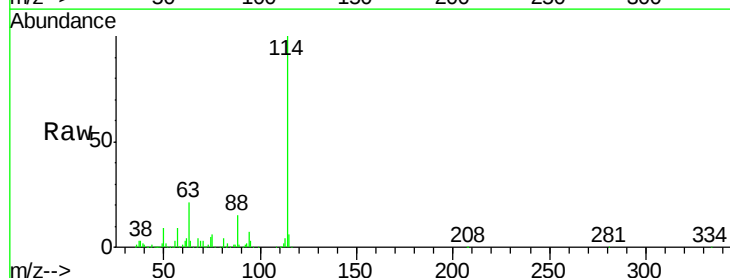
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050120

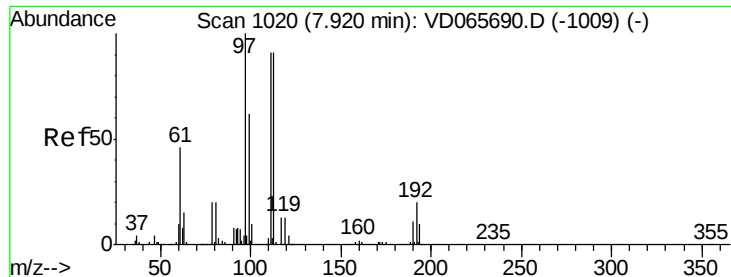
Tot Ion: 65 Resp: 328203
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 93.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

Tgt Ion: 114 Resp: 916159
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.0
 88 15.3 0.0 31.8

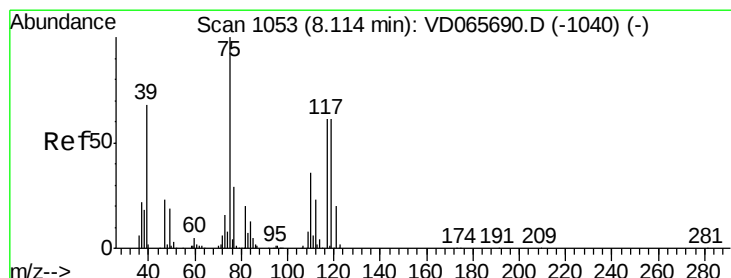
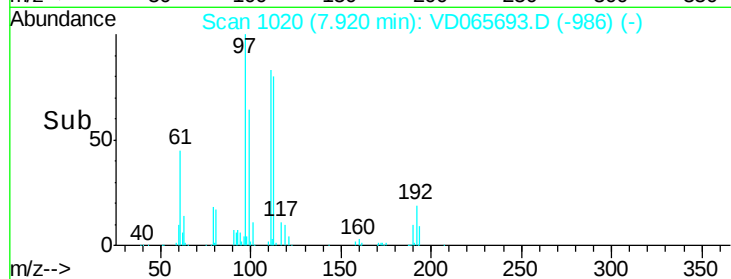
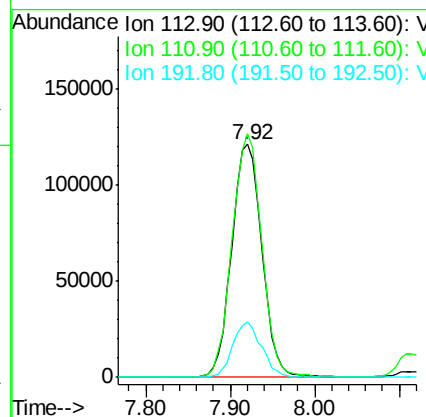
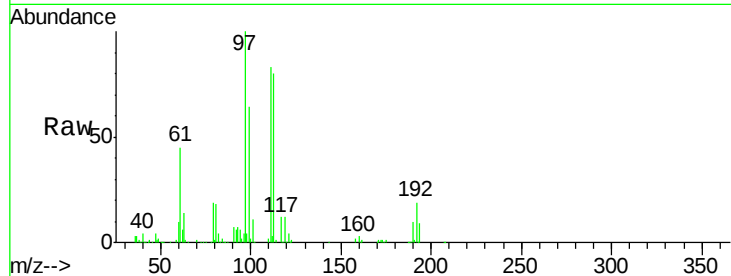




#35
 Dibromofluoromethane
 Concen: 47.475 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

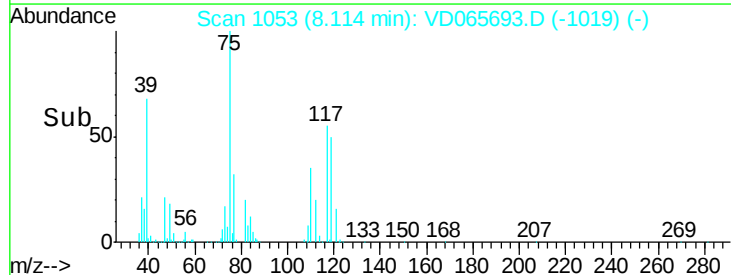
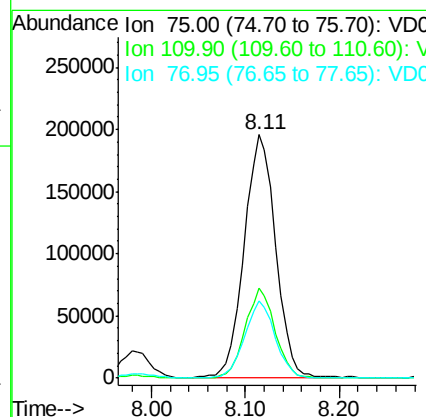
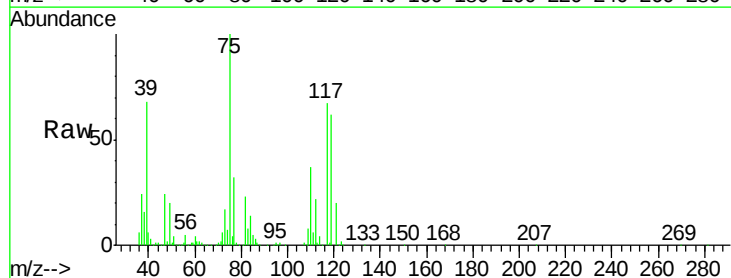
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050120

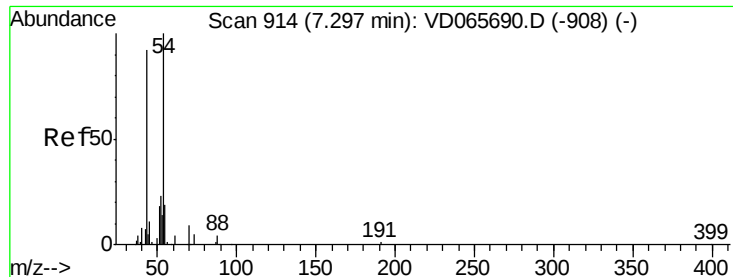
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.2	120.4
192	24.0	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 49.706 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.0	54.0
77	31.8	23.5	35.3

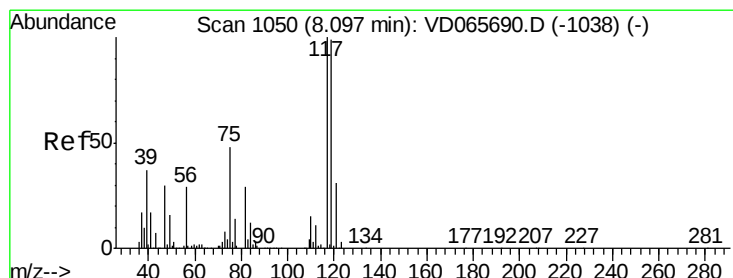
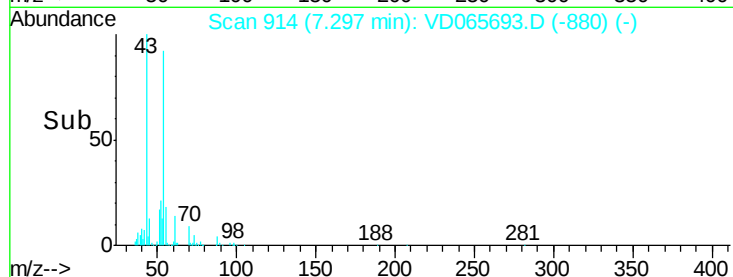
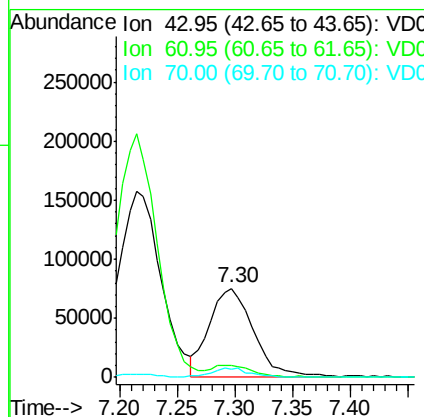
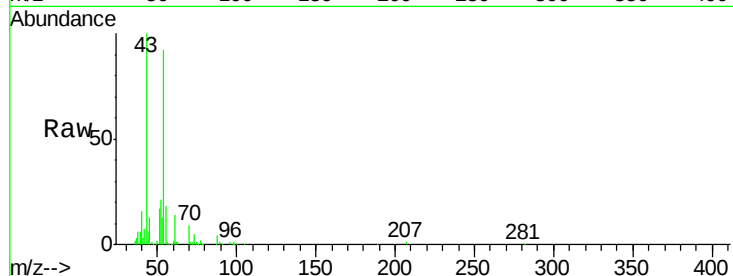




#37
Ethyl Acetate
Concen: 50.760 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

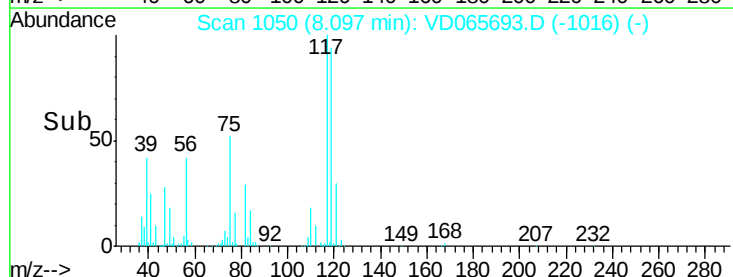
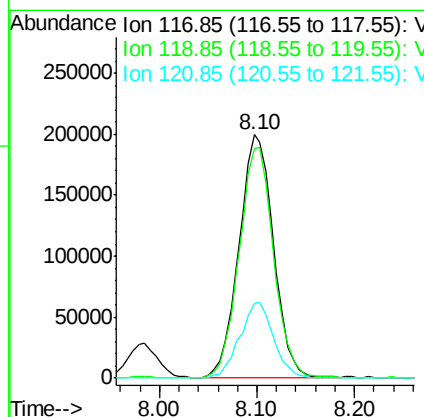
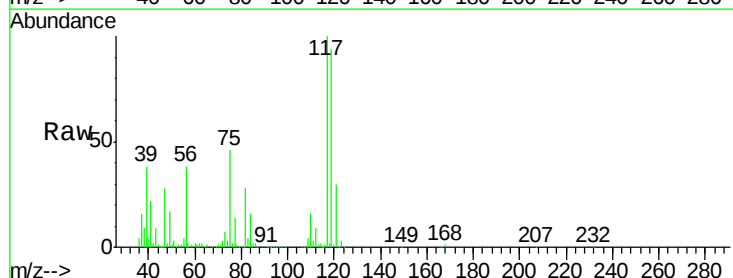
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

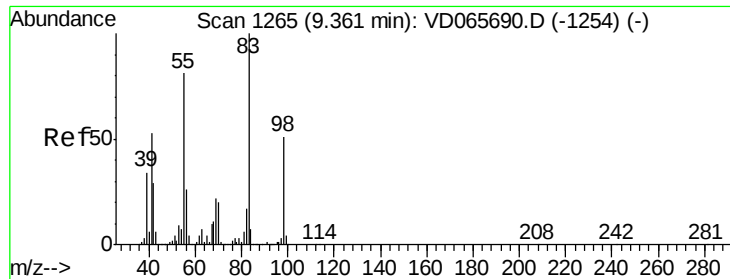
Tot Ion: 43 Resp: 197112
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 9.0 7.0 10.4



#38
Carbon Tetrachloride
Concen: 47.781 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion: 117 Resp: 490235
Ion Ratio Lower Upper
117 100
119 94.3 79.0 118.6
121 30.5 24.9 37.3

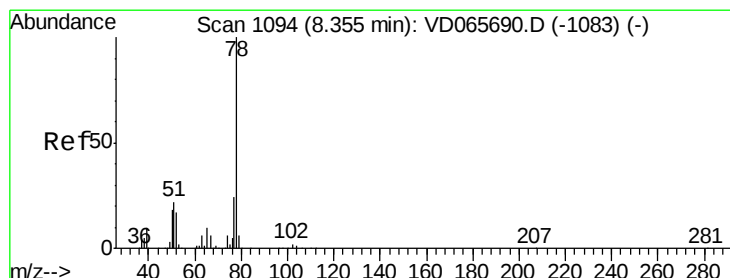
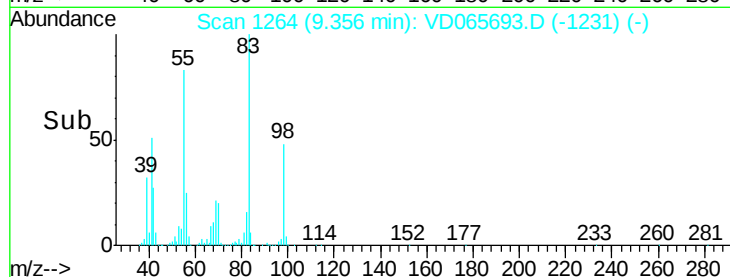
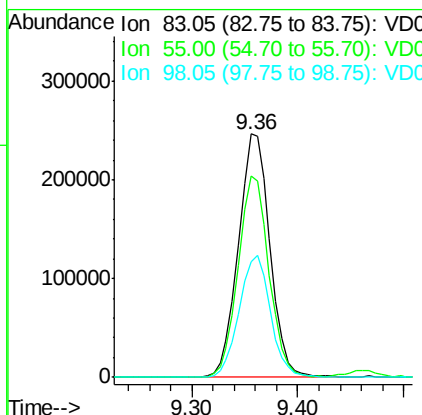
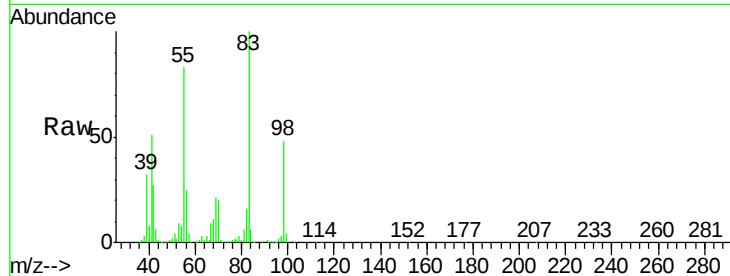




#39
Methvlcvclohexane
Concen: 52.447 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

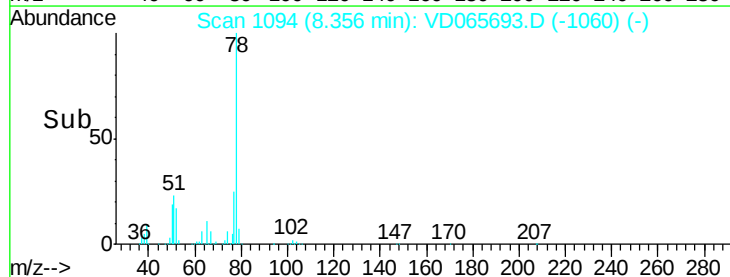
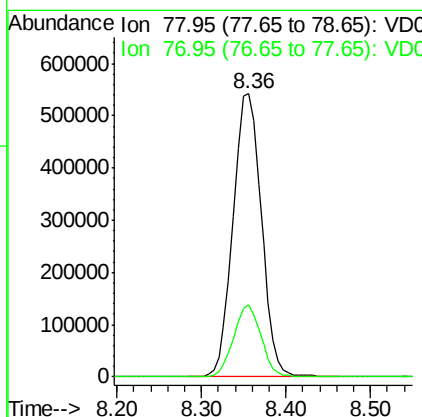
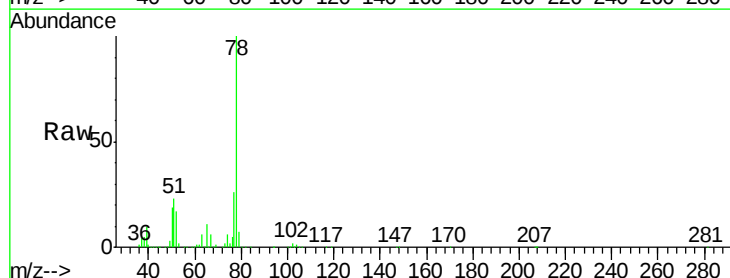
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

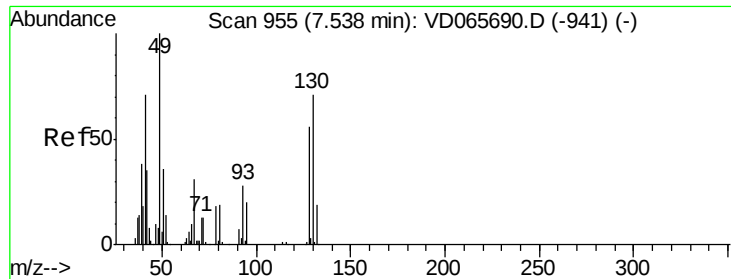
Tot Ion: 83 Resp: 511373
Ion Ratio Lower Upper
83 100
55 82.9 65.0 97.4
98 47.7 41.2 61.8



#40
Benzene
Concen: 48.783 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion: 78 Resp: 1256158
Ion Ratio Lower Upper
78 100
77 25.5 19.2 28.8





#41

Methacrylonitrile

Concen: 56.271 ug/l m

RT: 7.54 min Scan# 955

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

Tot Ion: 41 Resp: 126180

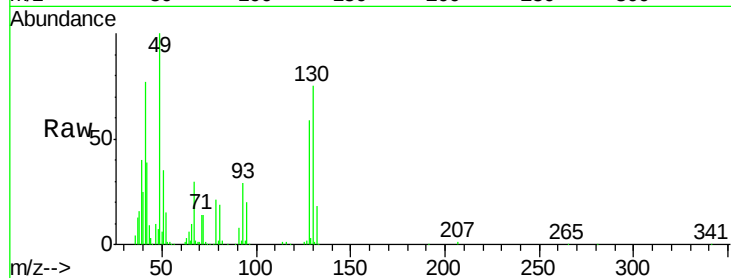
Ion Ratio Lower Upper

41 100

39 51.8 42.8 64.2

67 39.1 34.8 52.2

52 19.3 15.5 23.3

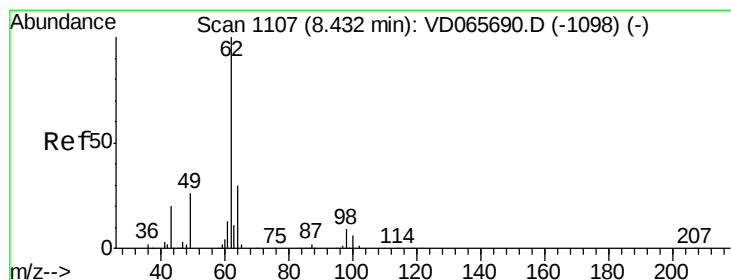
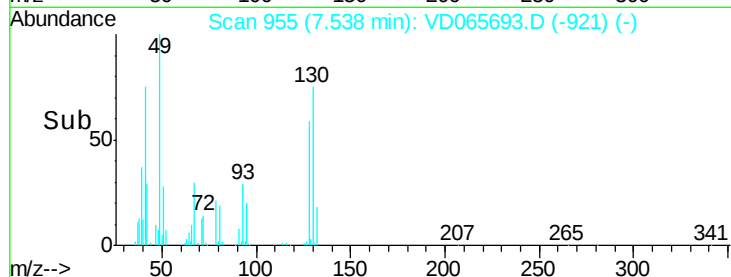
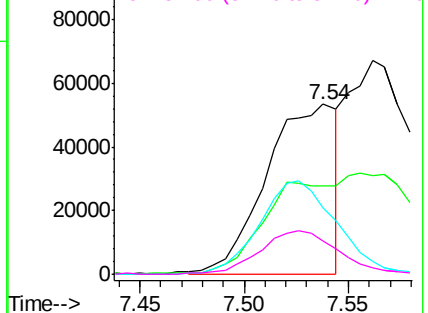


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 49.143 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD065693.D

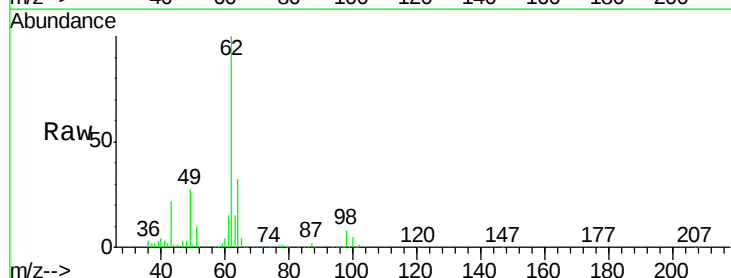
Acq: 01 May 2020 21:56

Tgt Ion: 62 Resp: 408595

Ion Ratio Lower Upper

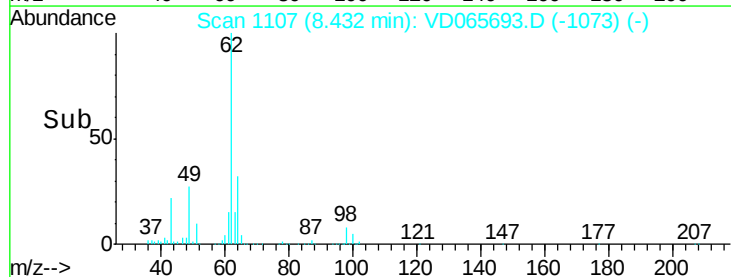
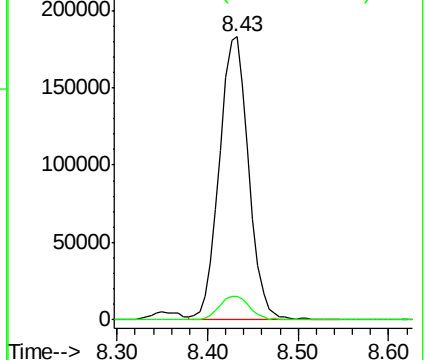
62 100

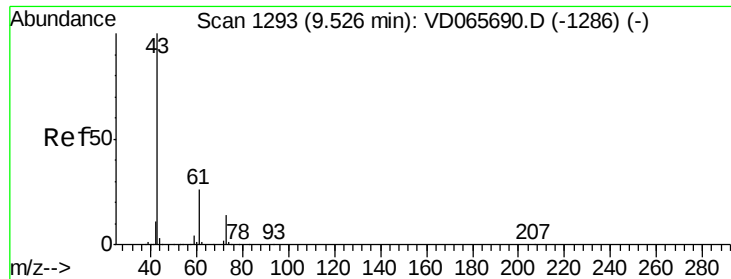
98 8.3 0.0 17.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 52.892 ug/l

RT: 9.53 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

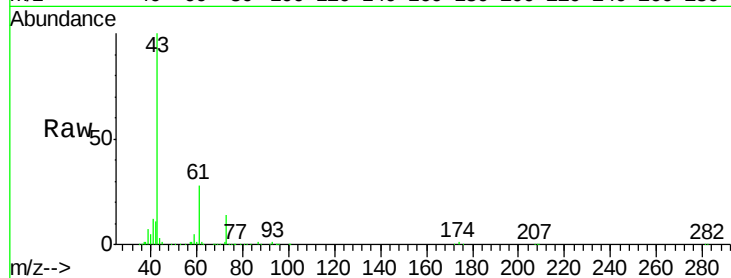
Tot Ion: 43 Resp: 275158

Ion Ratio Lower Upper

43 100

61 28.3 20.5 30.7

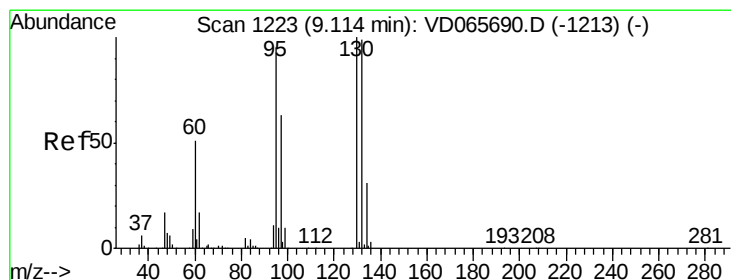
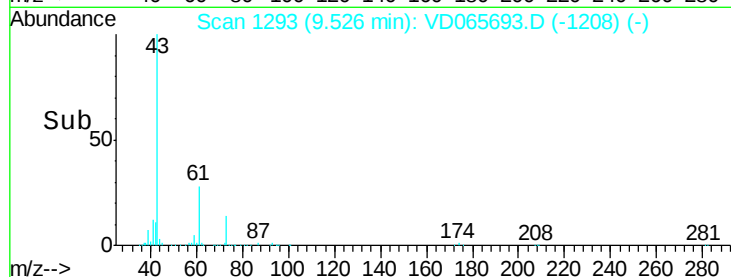
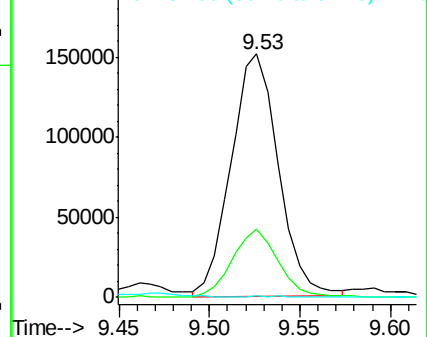
87 0.5 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.144 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065693.D

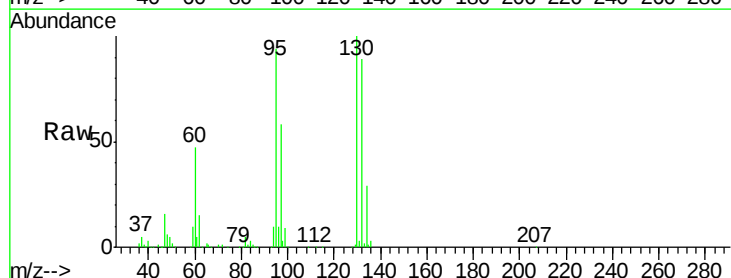
Acq: 01 May 2020 21:56

Tgt Ion: 130 Resp: 347505

Ion Ratio Lower Upper

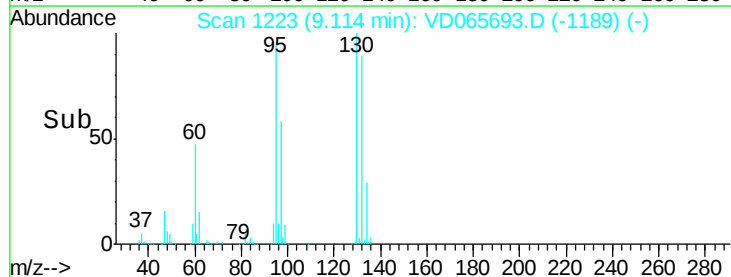
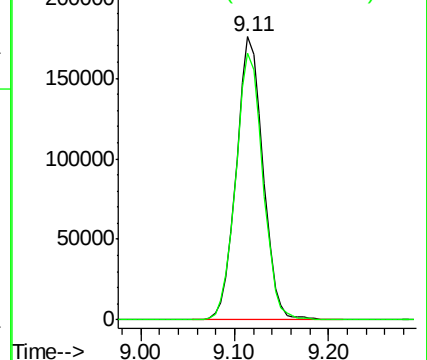
130 100

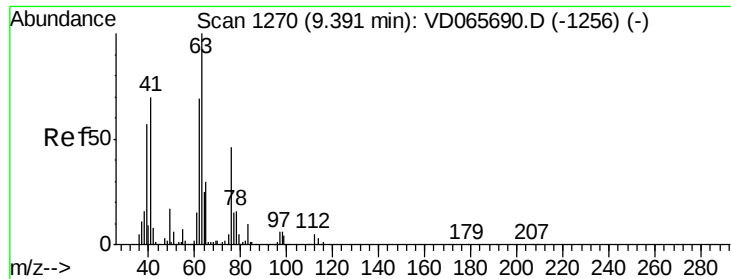
95 94.4 0.0 190.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 48.876 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

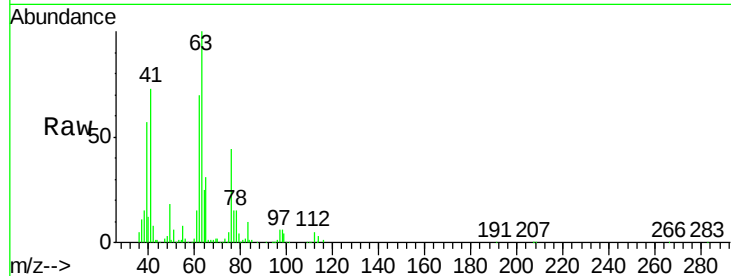
ICVVD050120

Tot Ion: 63 Resp: 319812

Ion Ratio Lower Upper

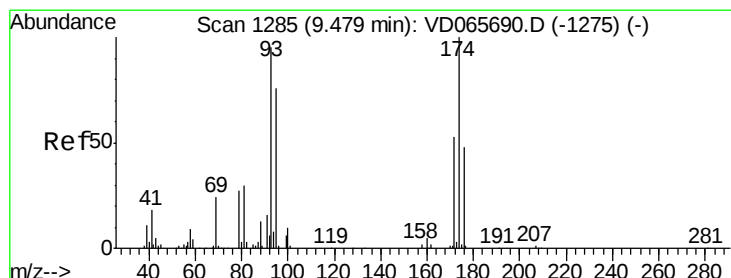
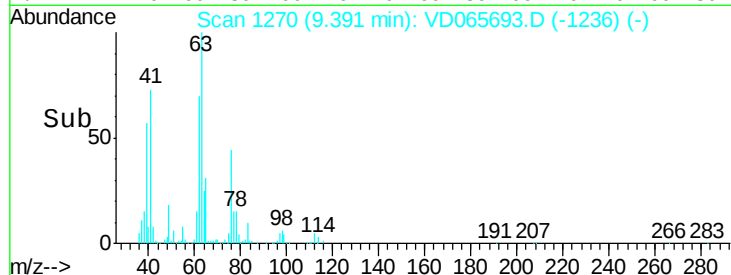
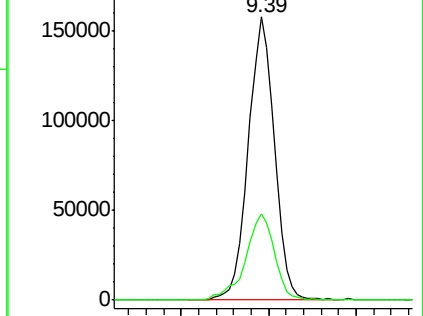
63 100

65 30.7 23.8 35.8



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 48.313 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

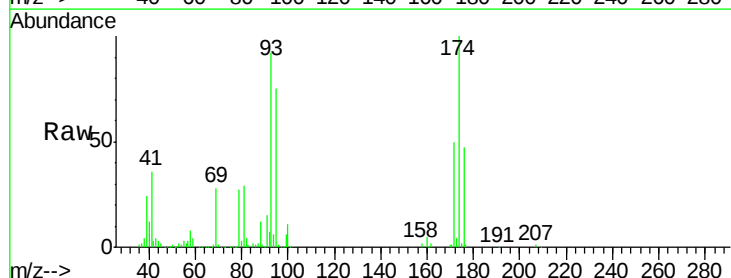
Tgt Ion: 93 Resp: 171704

Ion Ratio Lower Upper

93 100

95 82.3 63.9 95.9

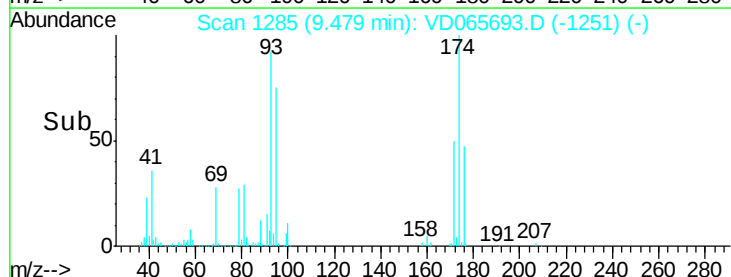
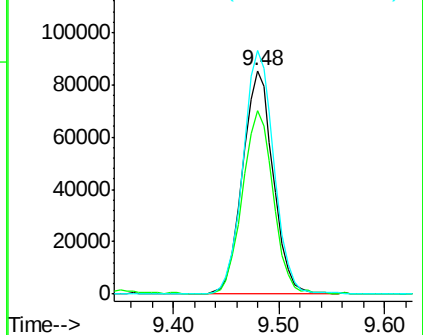
174 109.0 84.3 126.5

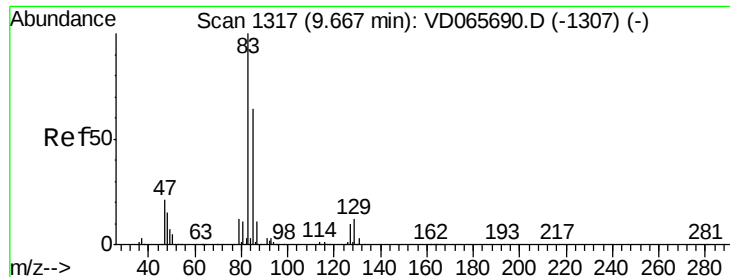


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 47.984 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

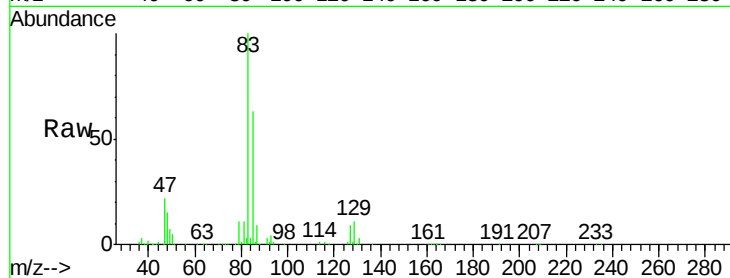
Tot Ion: 83 Resp: 459880

Ion Ratio Lower Upper

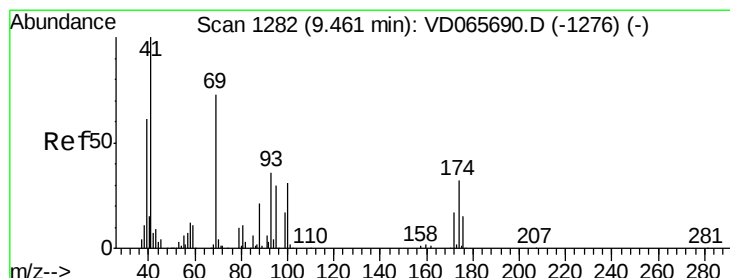
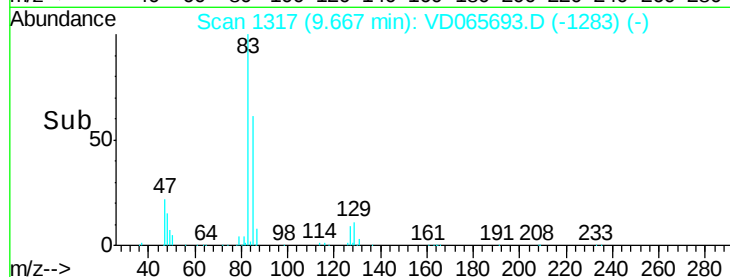
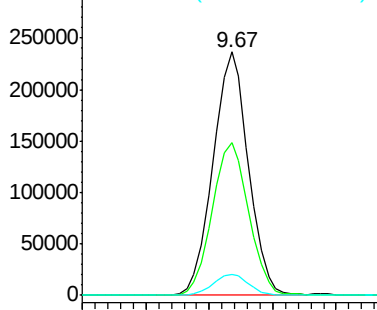
83 100

85 62.8 51.6 77.4

127 8.7 7.8 11.6



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 53.290 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

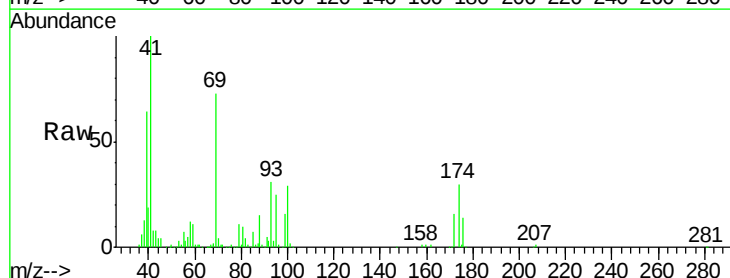
Tgt Ion: 41 Resp: 180588

Ion Ratio Lower Upper

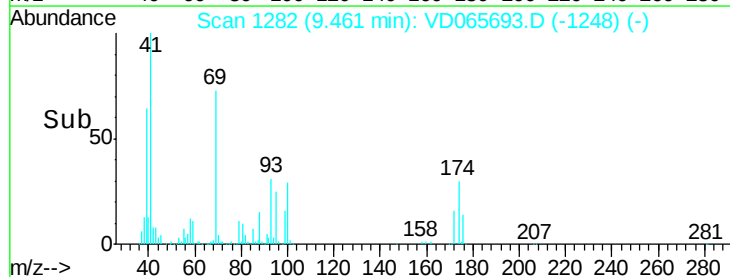
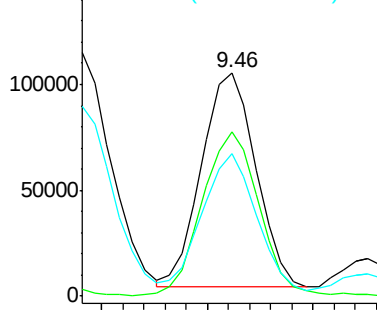
41 100

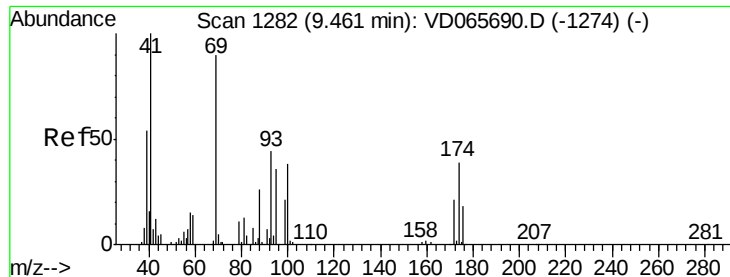
69 73.5 54.9 82.3

39 63.8 49.7 74.5



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

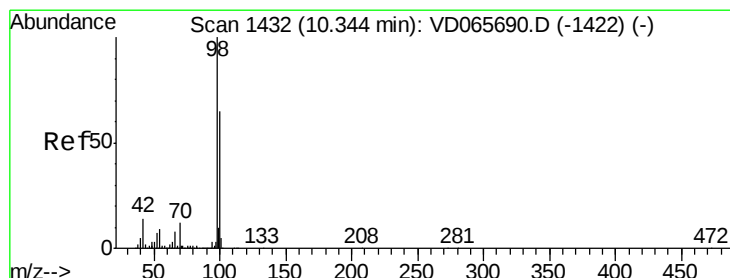
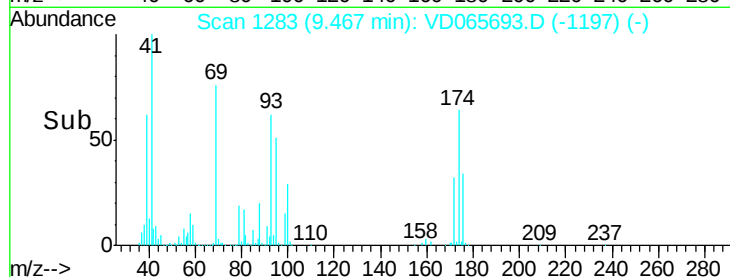
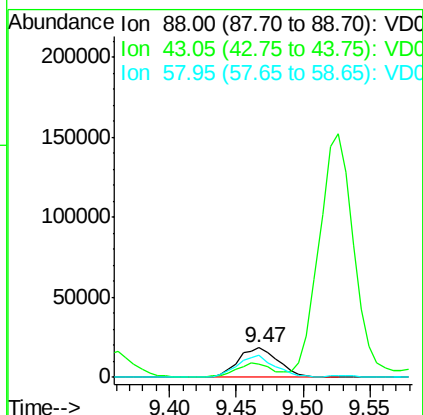
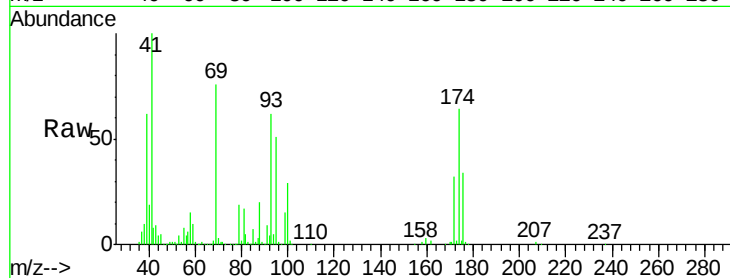




#49
1,4-Dioxane
Concen: 968.285 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

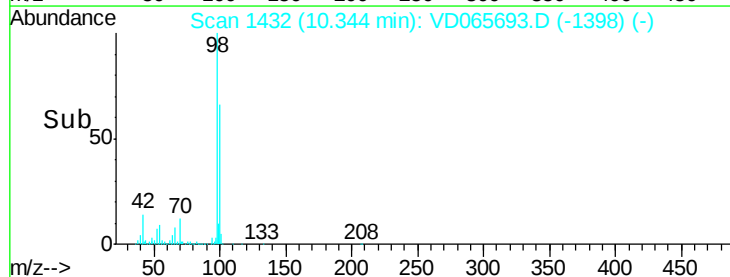
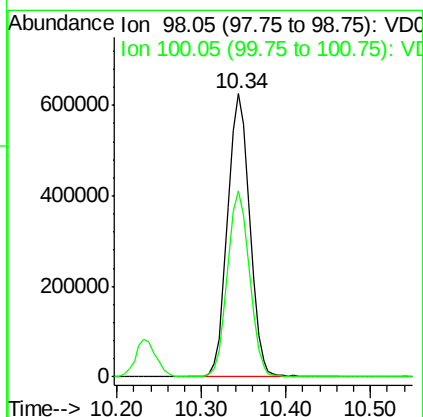
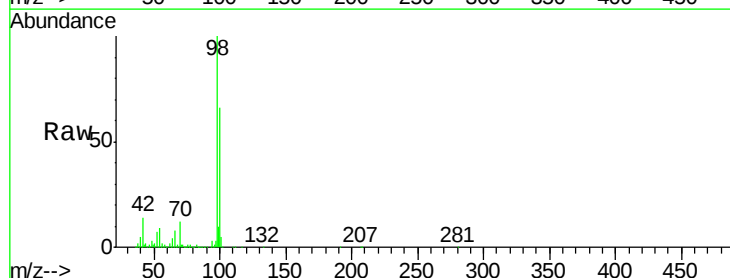
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

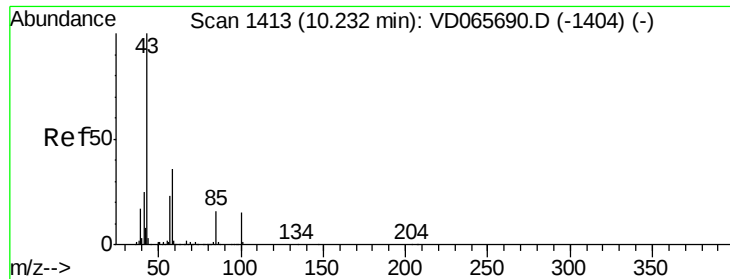
Tot Ion: 88 Resp: 38480
Ion Ratio Lower Upper
88 100
43 44.5 36.7 55.1
58 75.4 47.0 70.4#



#50
Toluene-d8
Concen: 49.090 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion: 98 Resp: 1131585
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 260.120 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

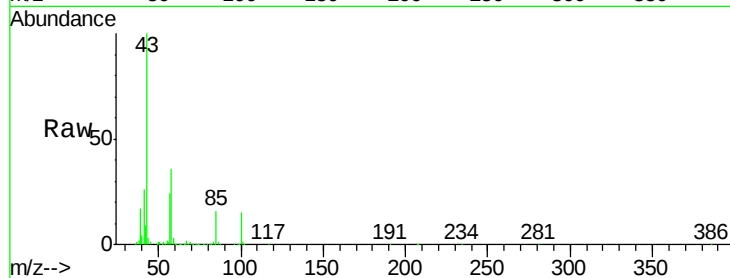
ICVVD050120

Tot Ion: 43 Resp: 979801

Ion Ratio Lower Upper

43 100

58 36.4 28.8 43.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.23

600000

500000

400000

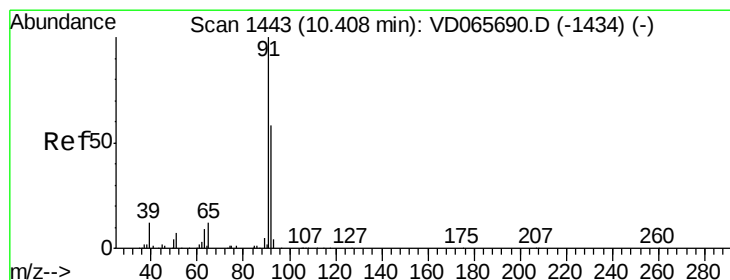
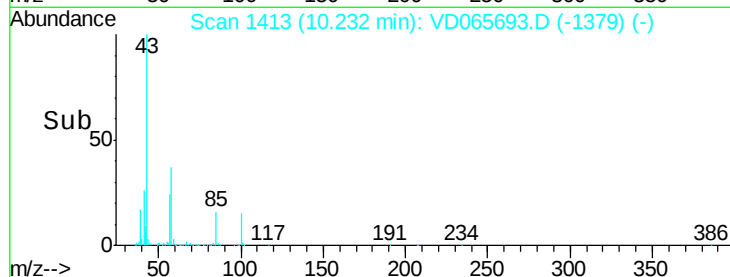
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.884 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065693.D

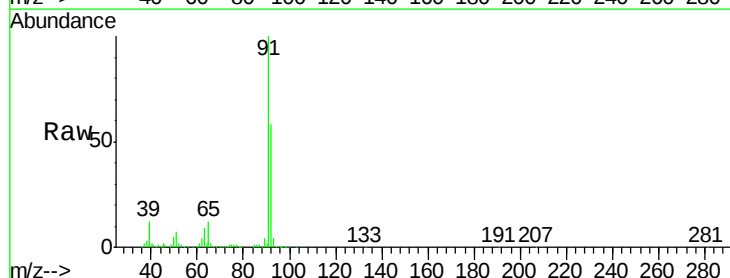
Acq: 01 May 2020 21:56

Tgt Ion: 92 Resp: 818941

Ion Ratio Lower Upper

92 100

91 171.4 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

800000

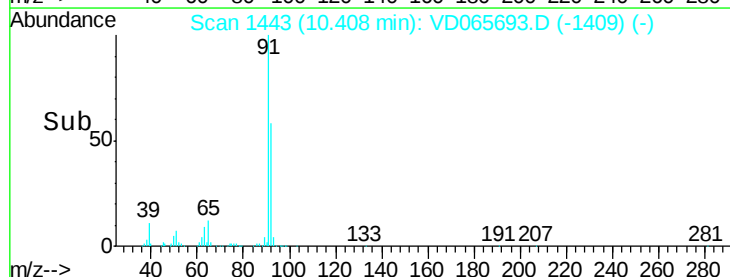
600000

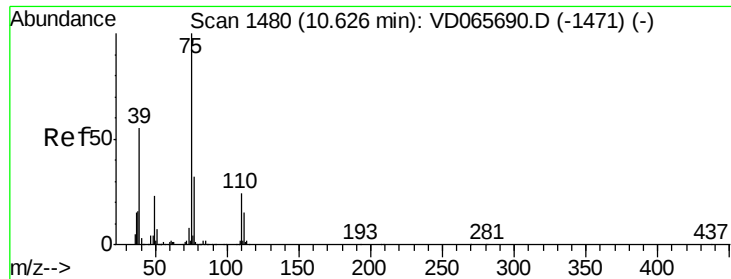
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.347 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

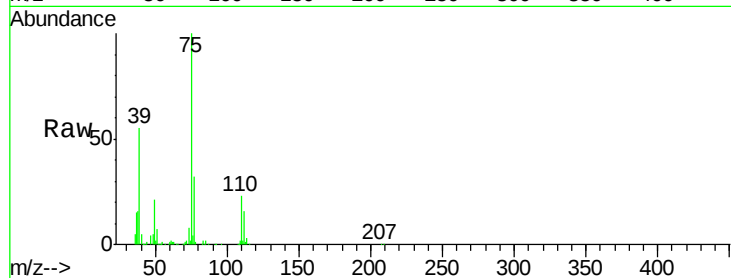
ICVVD050120

Tot Ion: 75 Resp: 426321

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

10.63

250000

200000

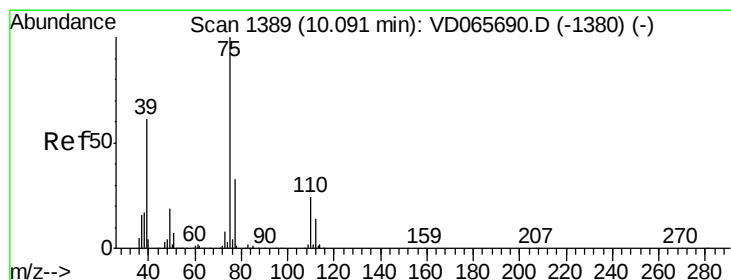
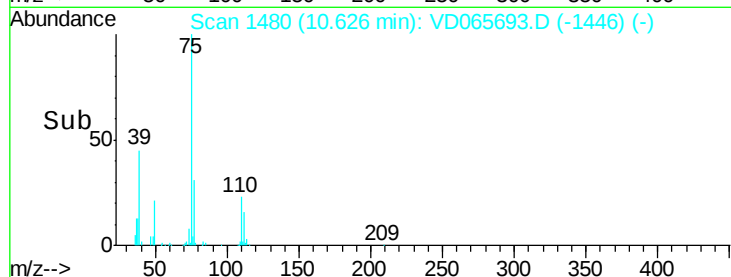
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.694 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

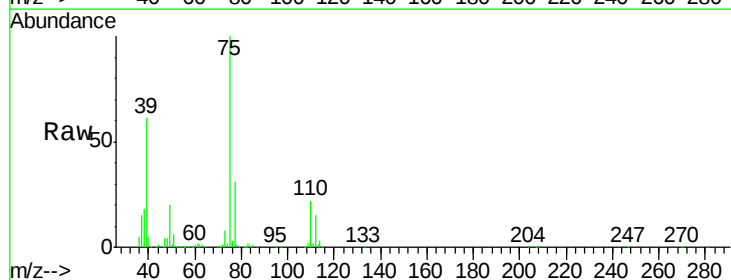
Tgt Ion: 75 Resp: 503170

Ion Ratio Lower Upper

75 100

77 31.2 26.6 40.0

39 61.1 48.8 73.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

10.09

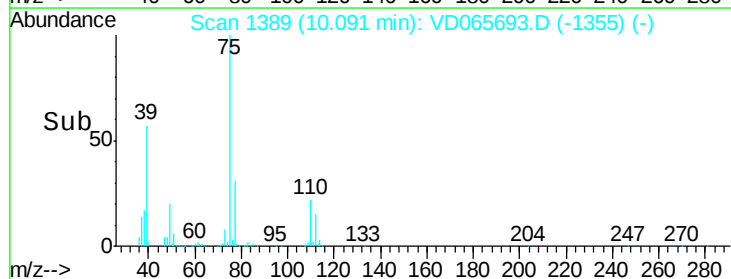
300000

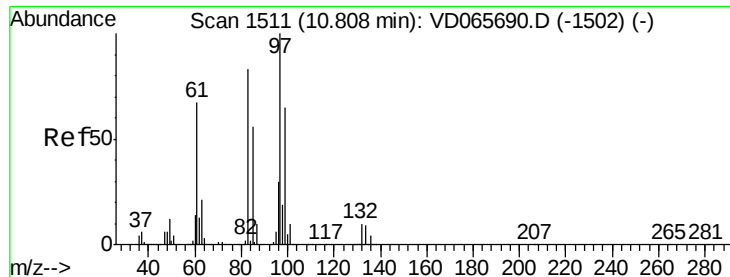
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 48.153 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

Tot Ion: 97 Resp: 228585

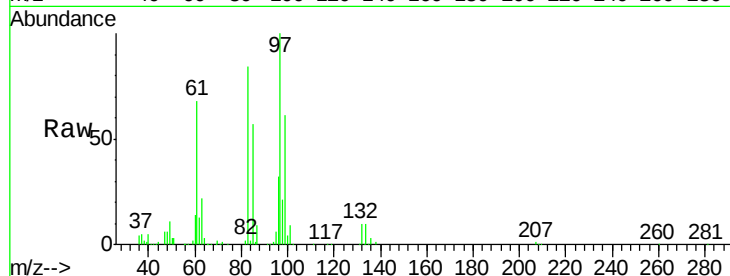
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.7	100.1
85	57.3	45.0	67.4
99	60.8	51.9	77.9

97 100

83 83.7 66.7 100.1

85 57.3 45.0 67.4

99 60.8 51.9 77.9



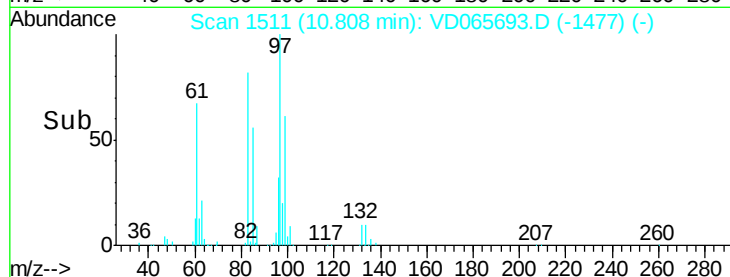
Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

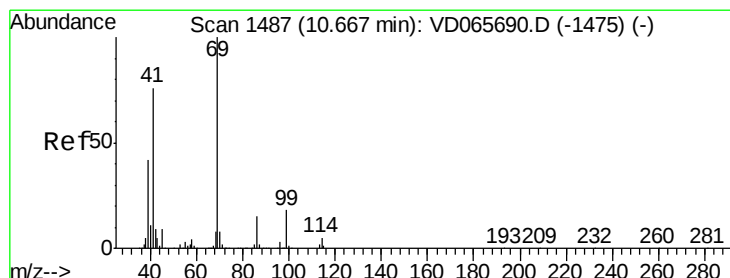
Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC

Time-->



Time-->



#56

Ethyl methacrylate

Concen: 48.801 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

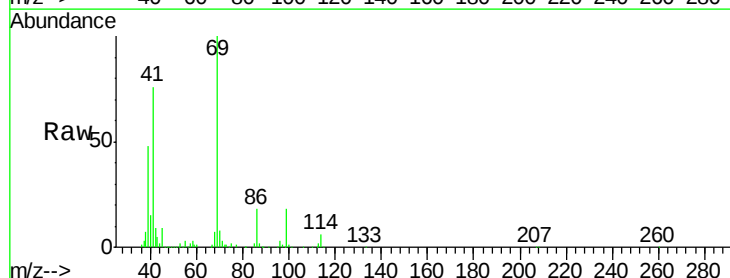
Tgt Ion: 69 Resp: 278690

Ion	Ratio	Lower	Upper
69	100		
41	76.2	61.4	92.0
39	47.6	36.6	54.8

69 100

41 76.2 61.4 92.0

39 47.6 36.6 54.8

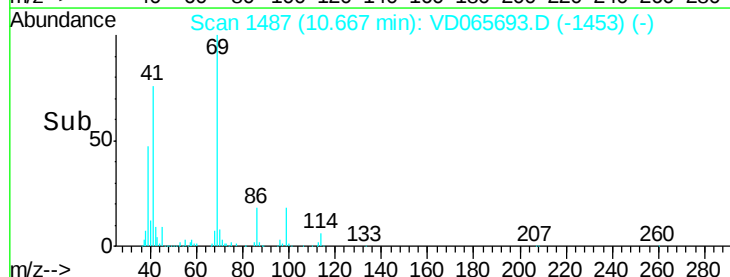


Abundance Ion 69.00 (68.70 to 69.70): VDC

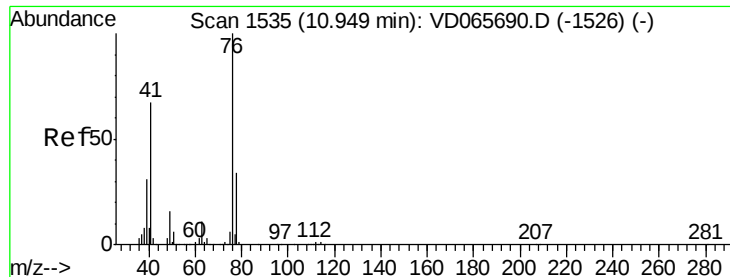
Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Time-->



Time-->



#57

1,3-Dichloropropane

Concen: 49.267 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

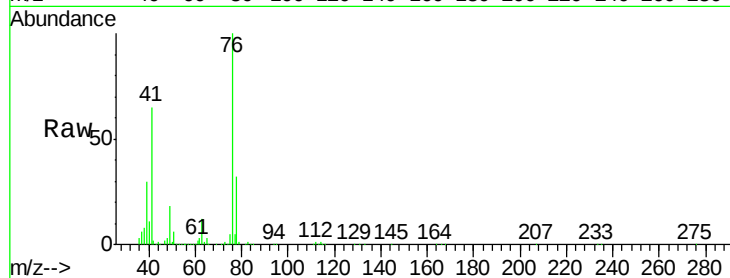
ICVVD050120

Tot Ion: 76 Resp: 401455

Ion Ratio Lower Upper

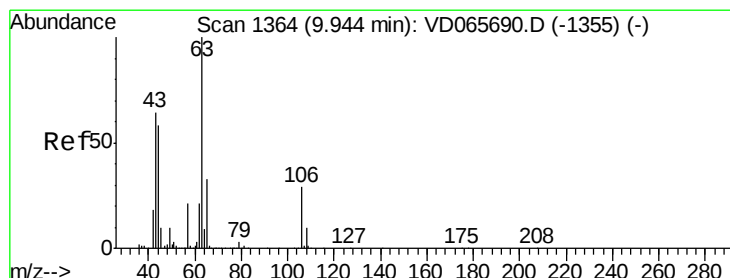
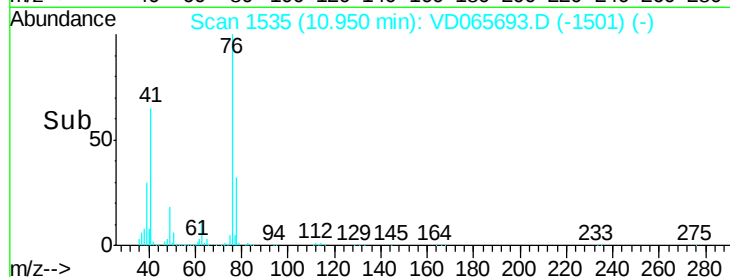
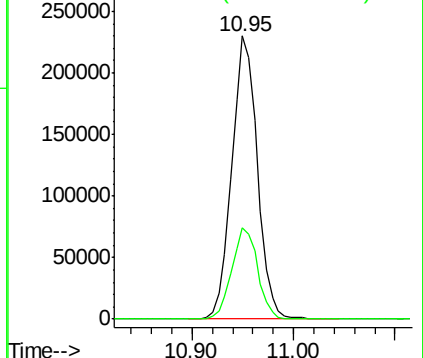
76 100

78 32.3 26.9 40.3



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 287.655 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065693.D

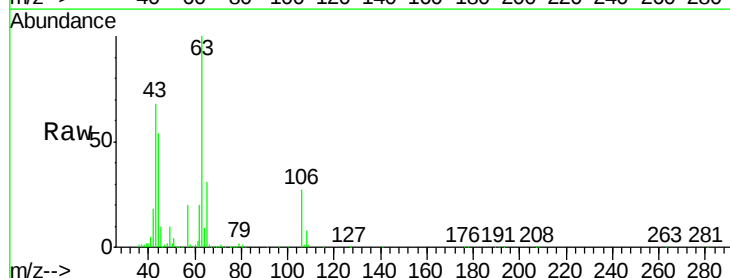
Acq: 01 May 2020 21:56

Tgt Ion: 63 Resp: 659093

Ion Ratio Lower Upper

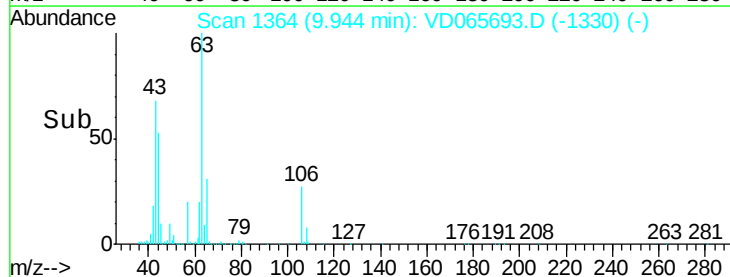
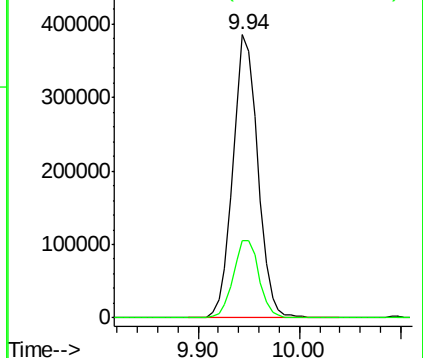
63 100

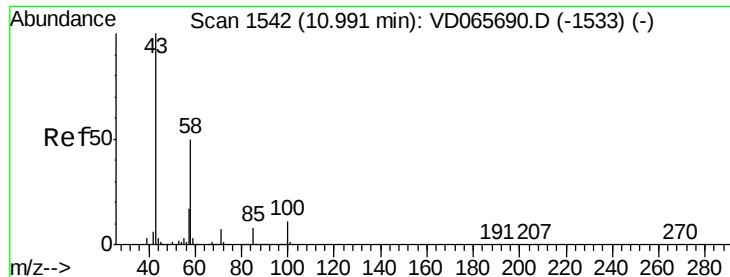
106 27.2 23.4 35.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

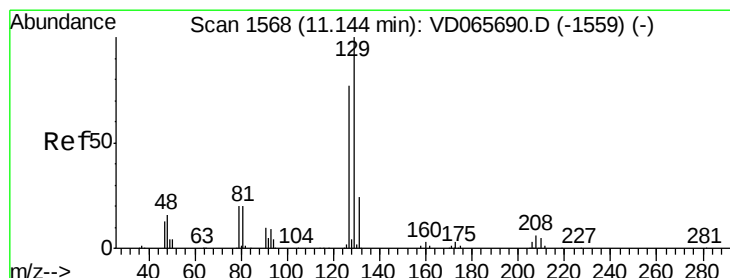
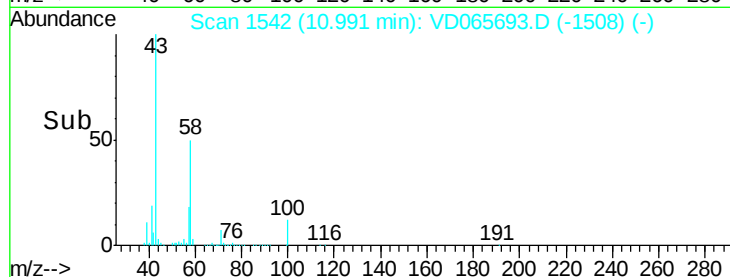
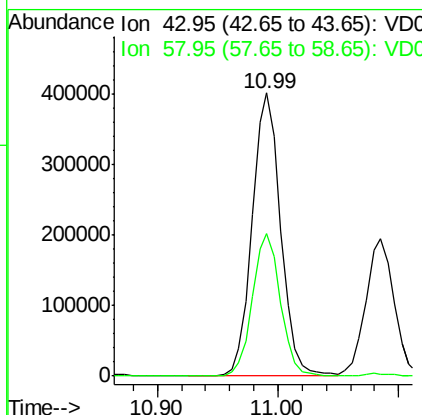
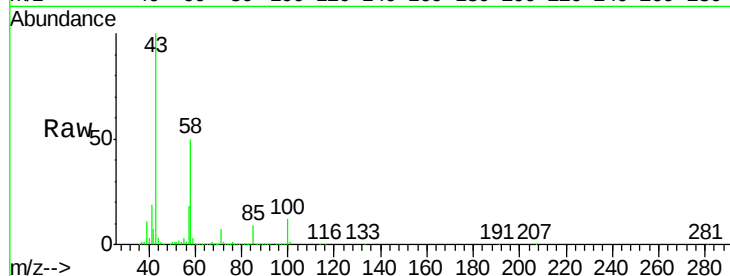




#59
2-Hexanone
Concen: 265.037 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

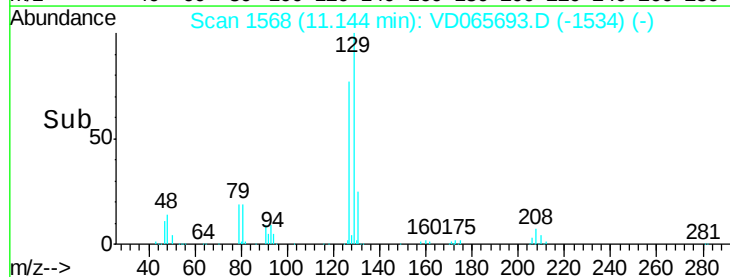
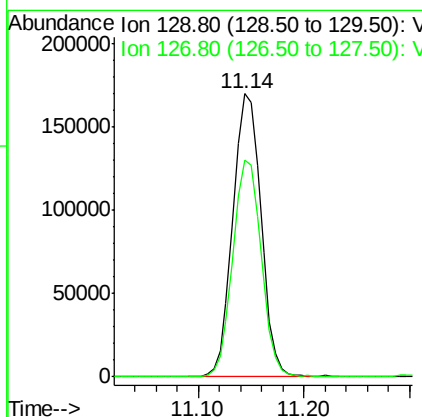
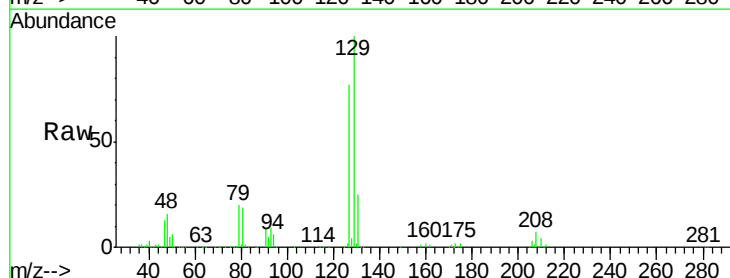
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

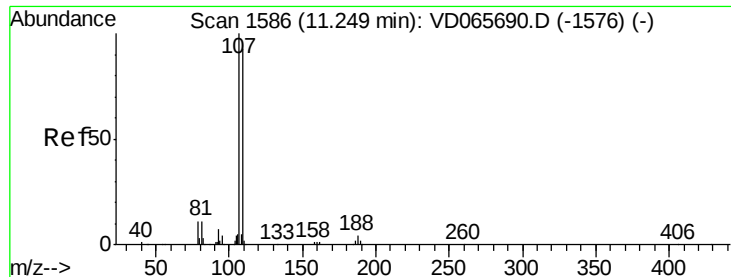
Tot Ion: 43 Resp: 660853
Ion Ratio Lower Upper
43 100
58 50.4 24.8 74.4



#60
Dibromochloromethane
Concen: 48.936 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion: 129 Resp: 313936
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.731 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

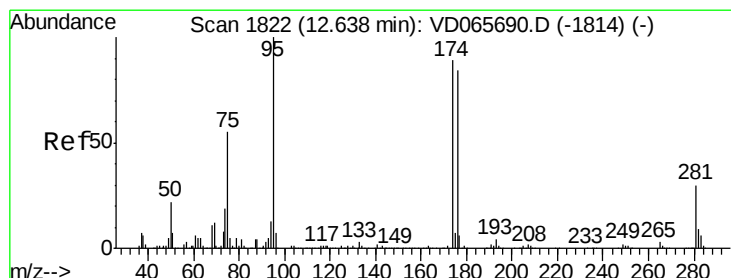
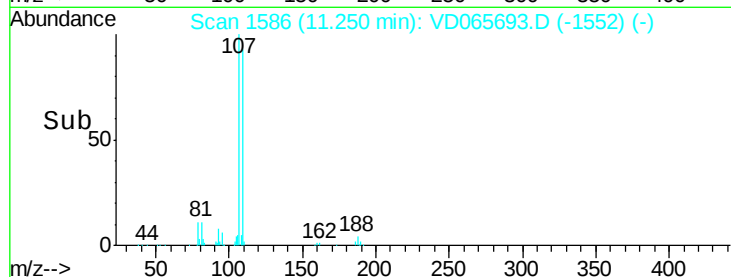
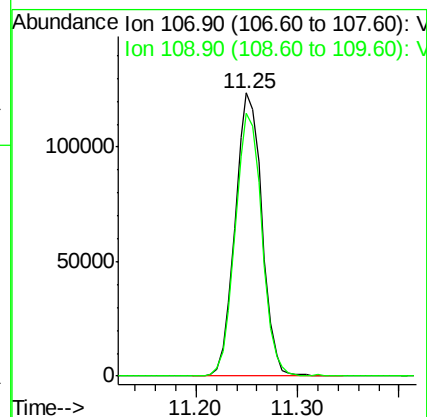
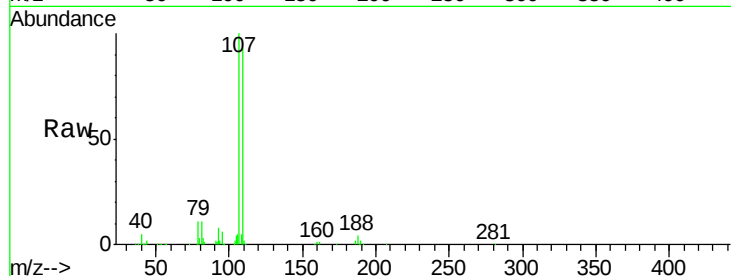
ICVVD050120

Tot Ion: 107 Resp: 226330

Ion Ratio Lower Upper

107 100

109 92.9 74.0 111.0



#62

4-Bromofluorobenzene

Concen: 48.983 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

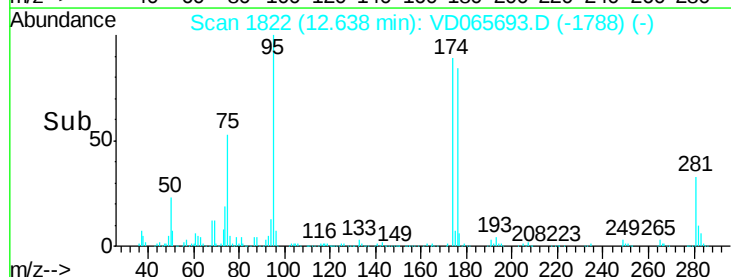
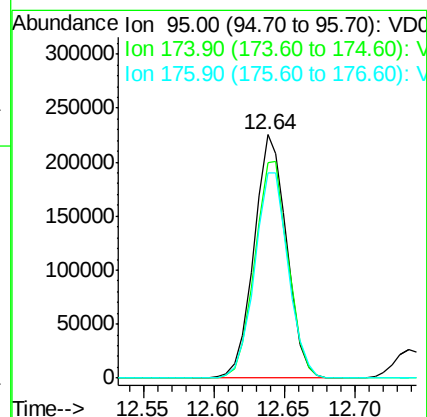
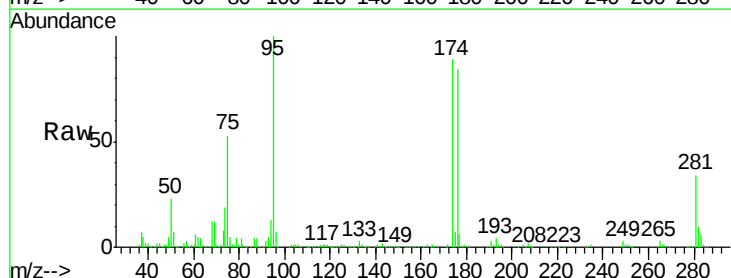
Tgt Ion: 95 Resp: 366135

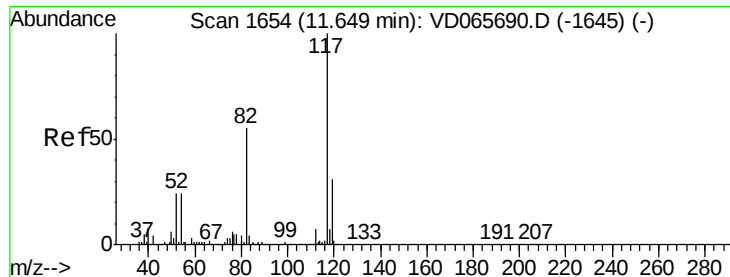
Ion Ratio Lower Upper

95 100

174 88.5 0.0 177.6

176 84.5 0.0 168.2

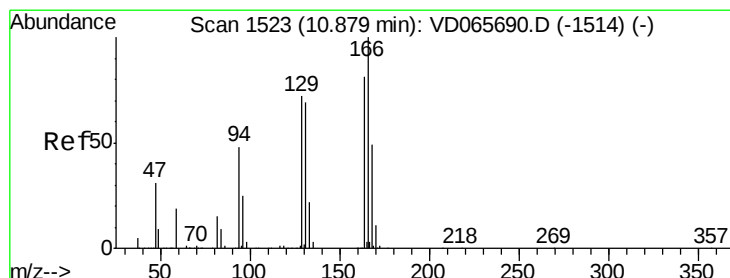
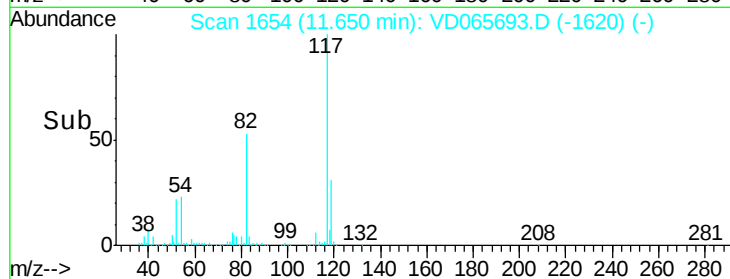
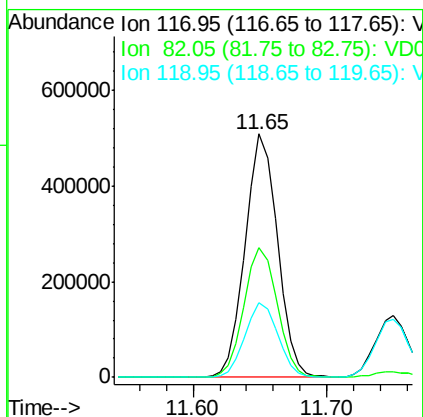
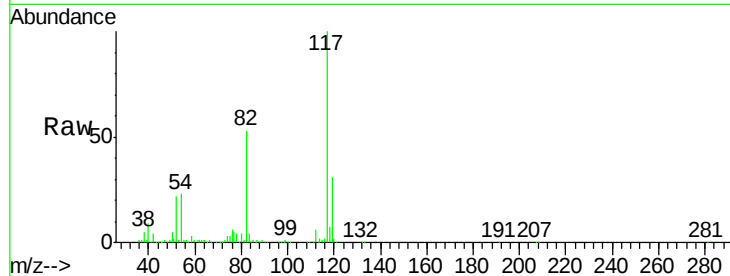




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

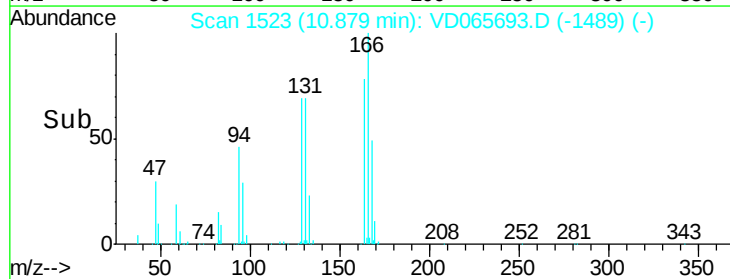
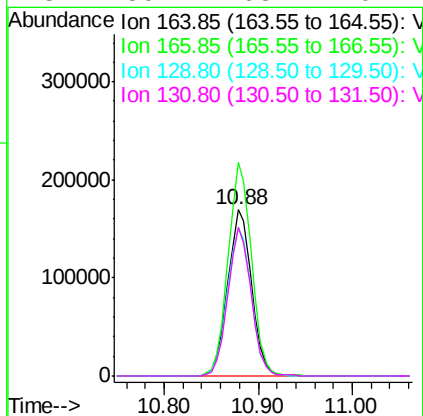
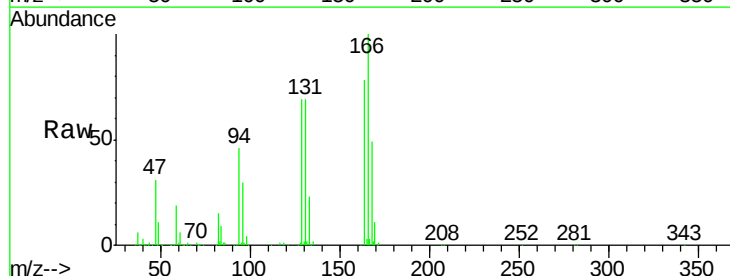
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

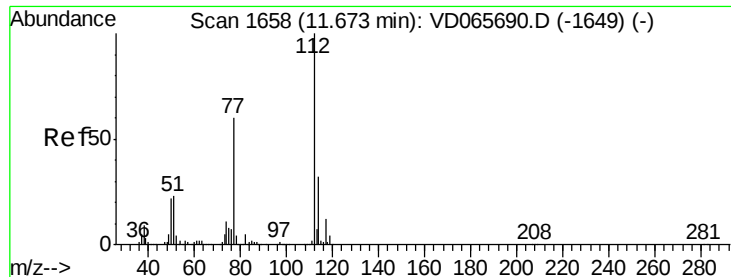
Tot Ion:117 Resp: 852739
Ion Ratio Lower Upper
117 100
82 53.3 43.6 65.4
119 30.8 25.0 37.6



#64
Tetrachloroethene
Concen: 48.392 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion:164 Resp: 297502
Ion Ratio Lower Upper
164 100
166 128.8 99.0 148.6
129 89.2 71.5 107.3
131 89.2 68.2 102.4





#65

Chlorobenzene

Concen: 49.396 ug/l

RT: 11.68 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

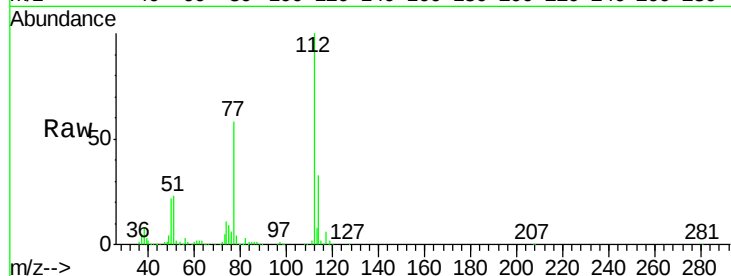
ICVVD050120

Tot Ion:112 Resp: 851769

Ion Ratio Lower Upper

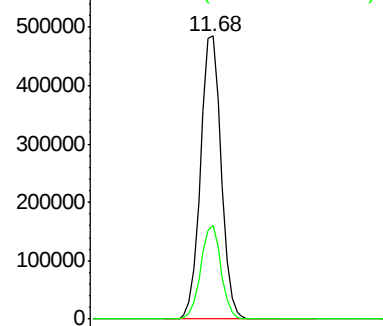
112 100

114 33.1 25.4 38.0

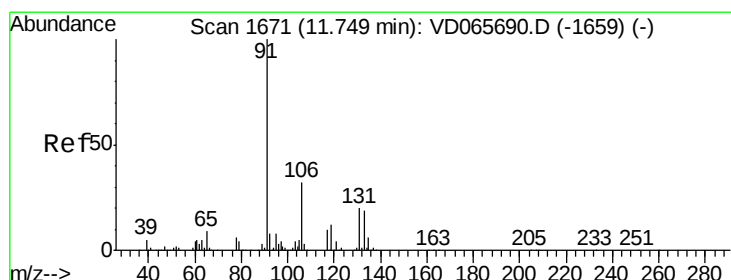
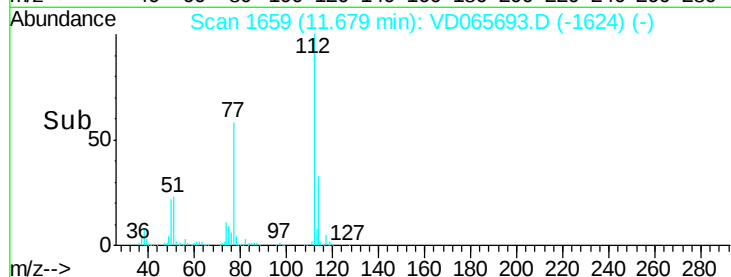


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.871 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

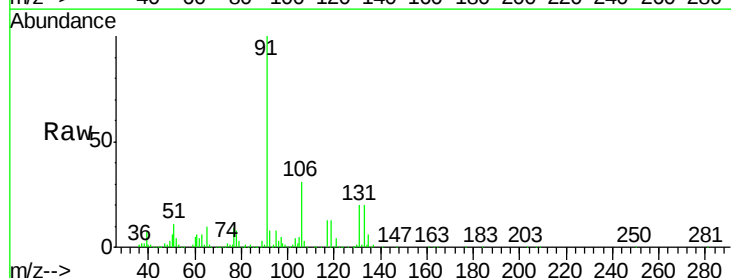
Tgt Ion:131 Resp: 333567

Ion Ratio Lower Upper

131 100

133 98.0 47.9 143.8

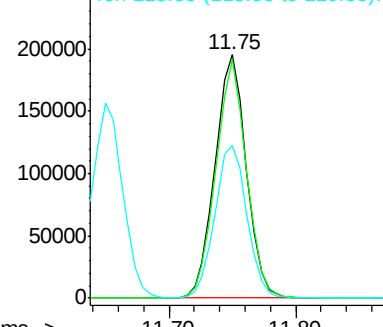
119 62.7 32.0 96.2



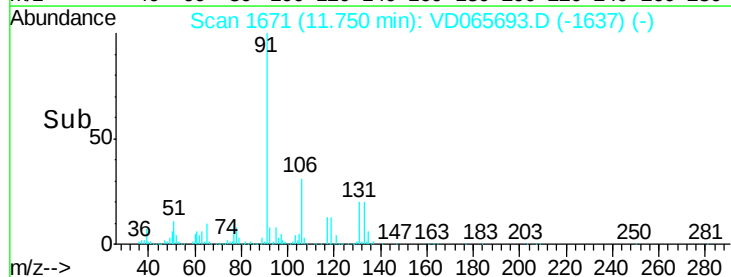
Abundance Ion 130.90 (130.60 to 131.60): V

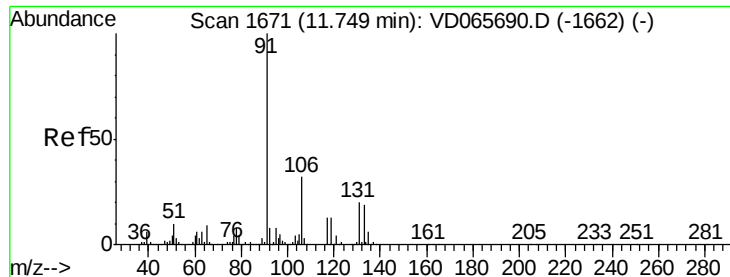
Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V



Time-->





#67

Ethyl Benzene

Concen: 51.769 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

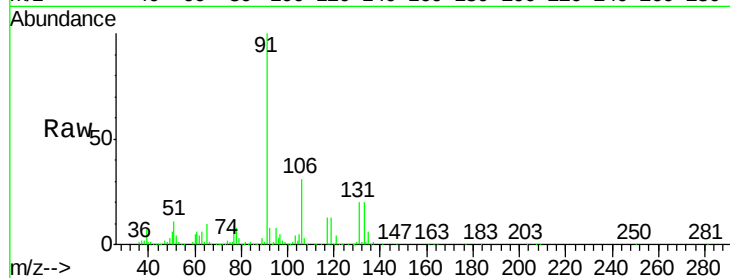
ICVVD050120

Tot Ion: 91 Resp: 1540636

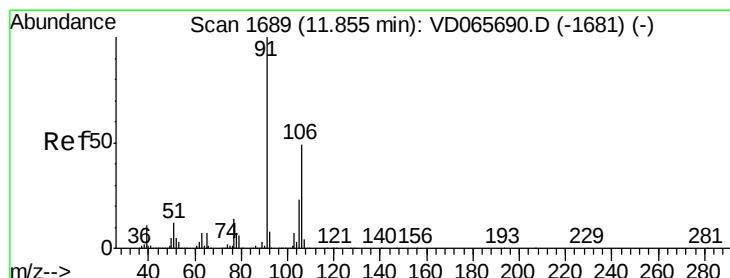
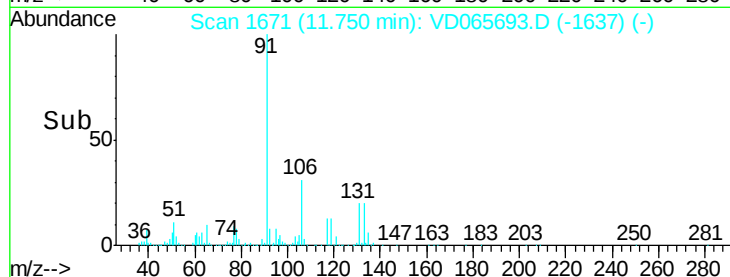
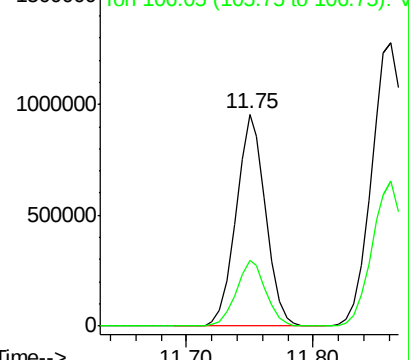
Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 105.277 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065693.D

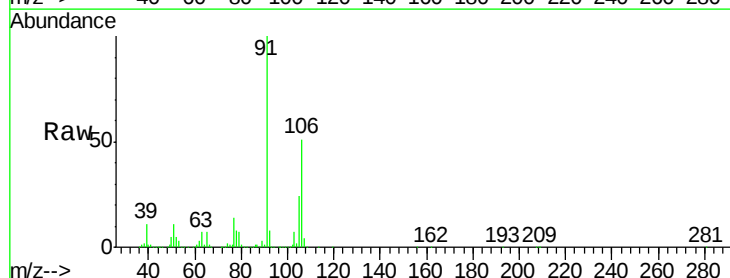
Acq: 01 May 2020 21:56

Tgt Ion: 106 Resp: 1192193

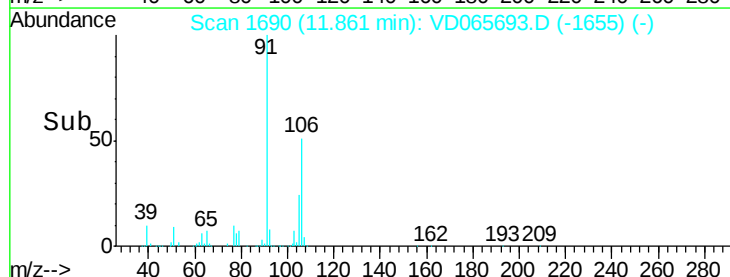
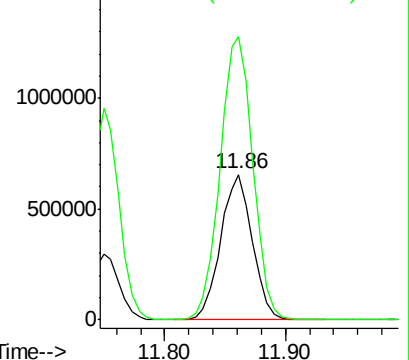
Ion Ratio Lower Upper

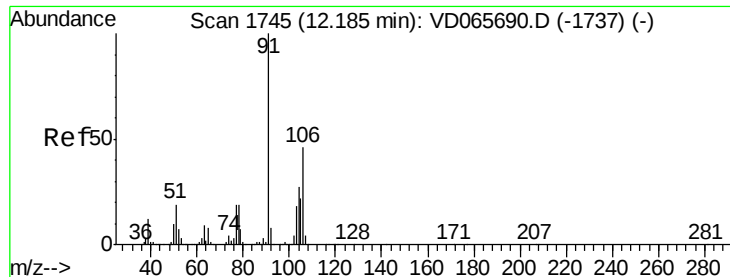
106 100

91 194.5 162.2 243.2



Abundance Ion 106.05 (105.75 to 106.75): V

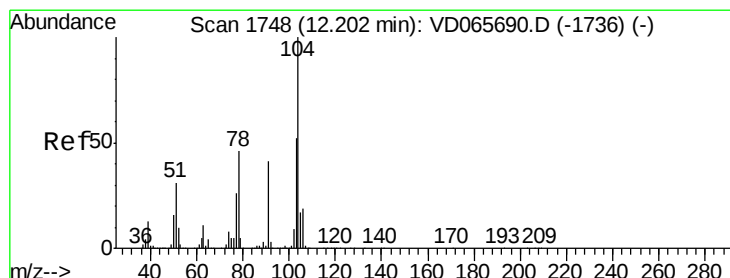
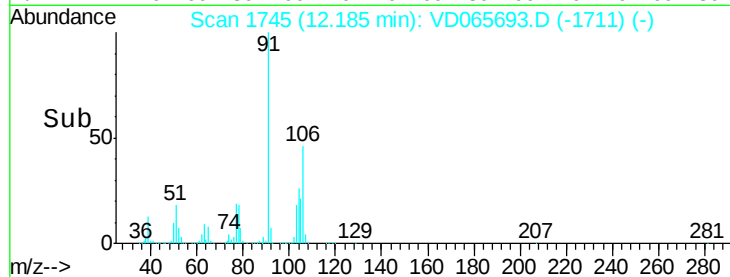
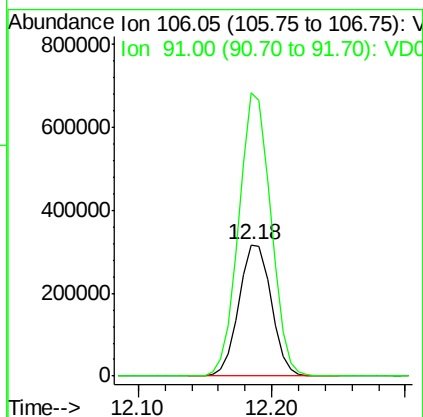
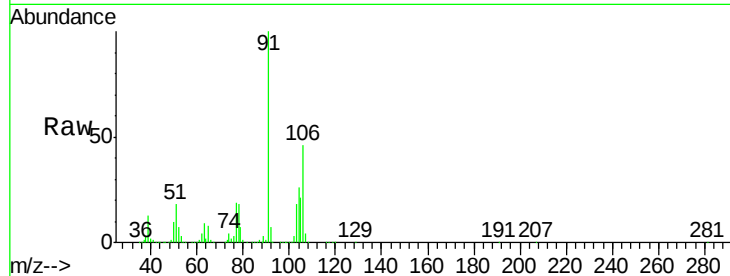




#69
o-Xylene
Concen: 53.755 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

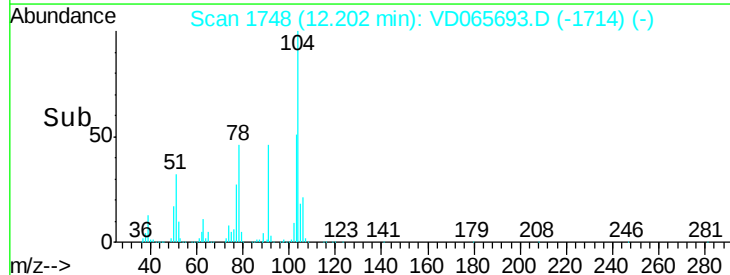
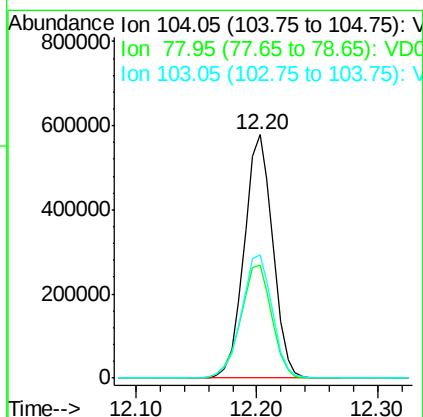
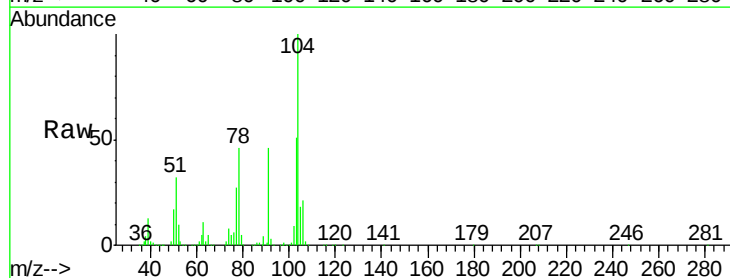
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

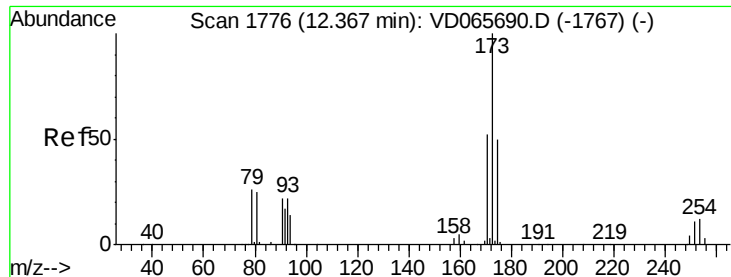
Tot Ion:106 Resp: 531982
Ion Ratio Lower Upper
106 100
91 215.5 109.7 329.0



#70
Styrene
Concen: 48.622 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion:104 Resp: 955307
Ion Ratio Lower Upper
104 100
78 46.2 36.4 54.6
103 50.7 41.7 62.5





#71

Bromoform

Concen: 49.945 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

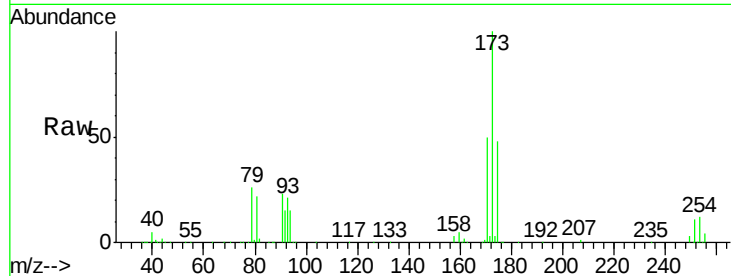
Tot Ion:173 Resp: 190511

Ion Ratio Lower Upper

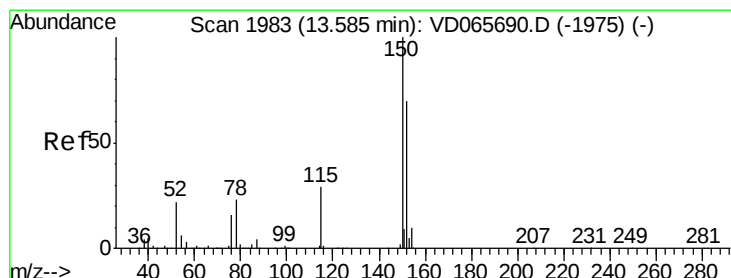
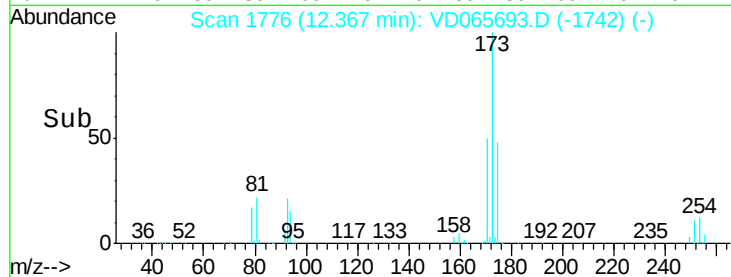
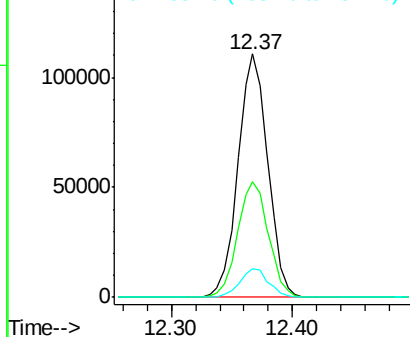
173 100

175 47.6 24.9 74.8

254 11.8 9.4 14.0



Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

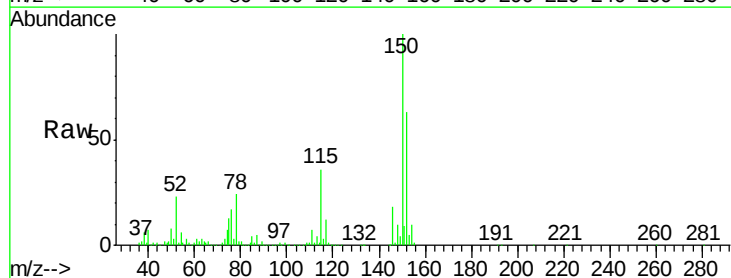
Tgt Ion:152 Resp: 423378

Ion Ratio Lower Upper

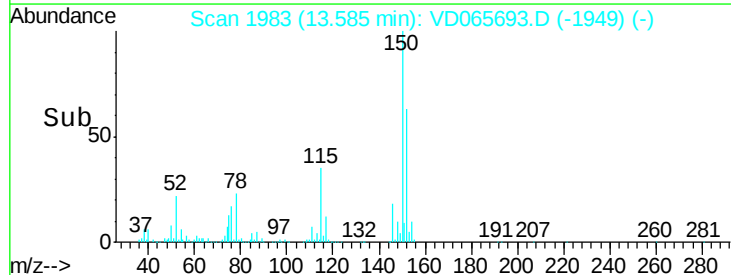
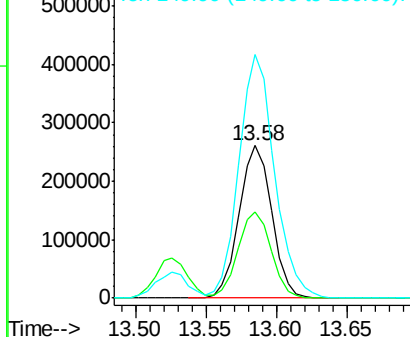
152 100

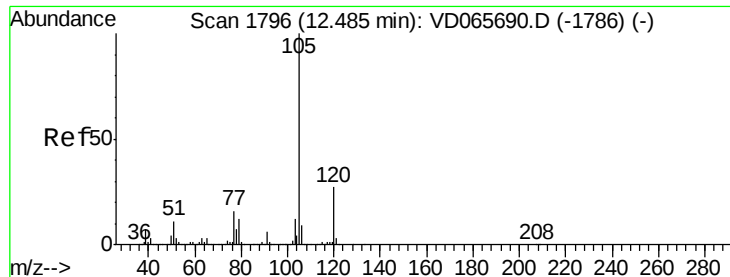
115 56.9 26.8 80.3

150 159.7 0.0 301.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.422 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

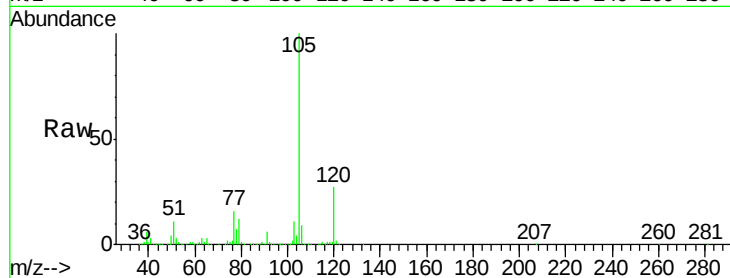
ICVVD050120

Tot Ion:105 Resp: 1447813

Ion Ratio Lower Upper

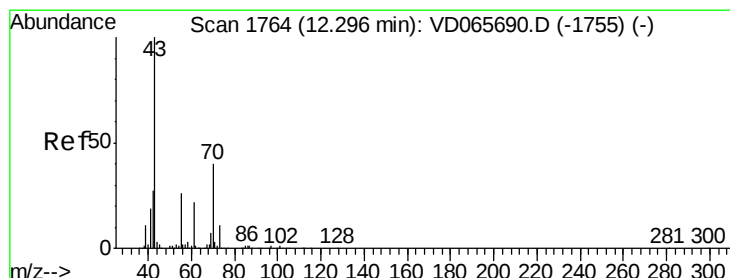
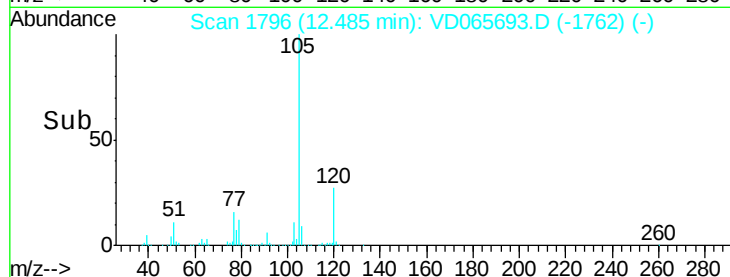
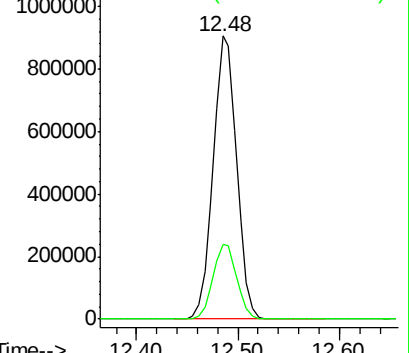
105 100

120 26.6 13.4 40.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 57.342 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Tgt Ion: 43 Resp: 337661

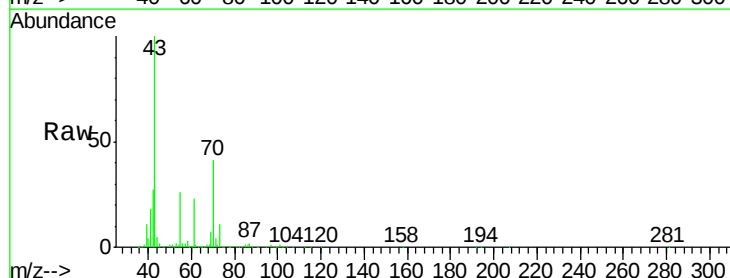
Ion Ratio Lower Upper

43 100

70 41.1 32.0 48.0

55 26.5 20.4 30.6

61 22.8 17.6 26.4

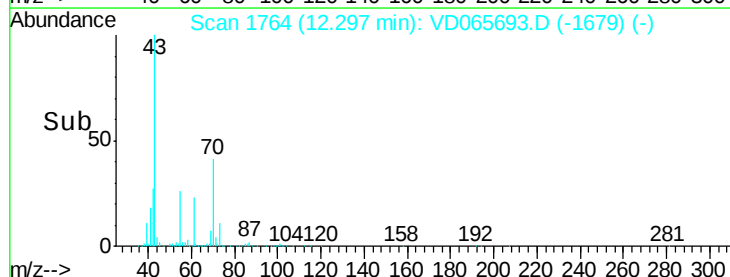
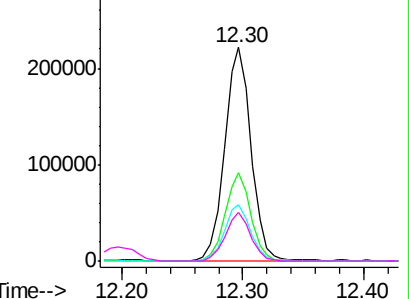


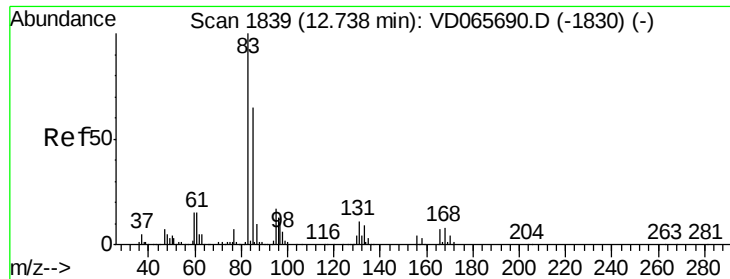
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

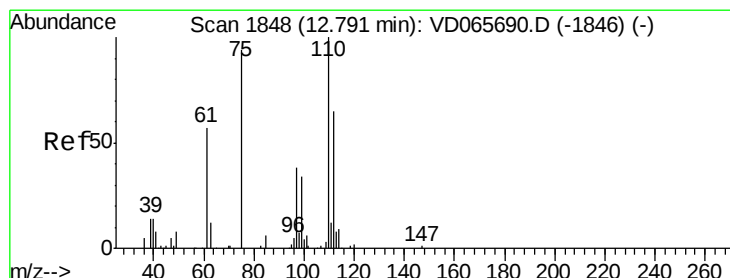
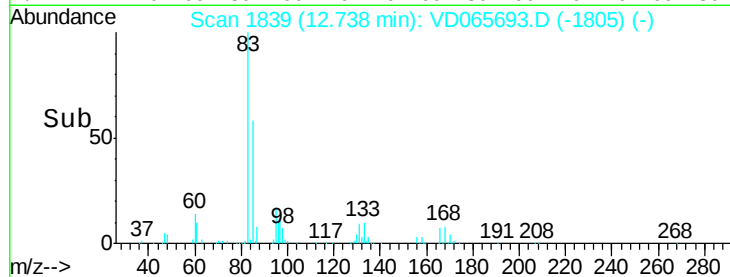
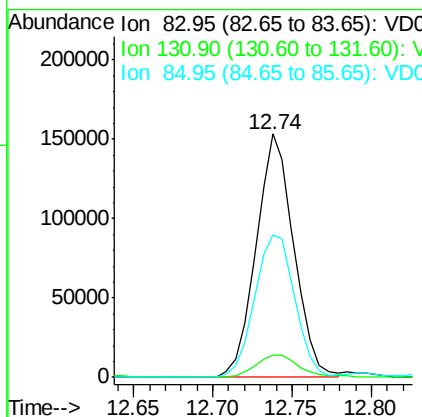
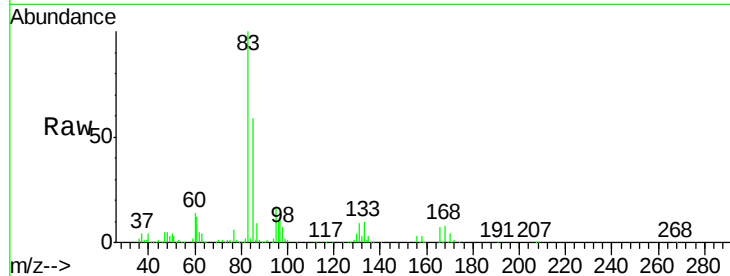




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.675 ug/l
 RT: 12.74 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

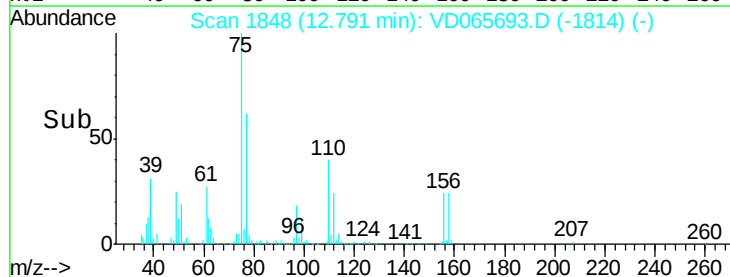
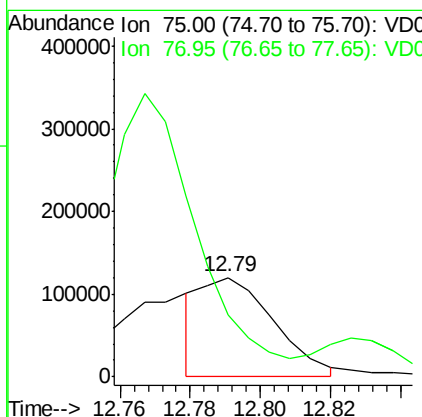
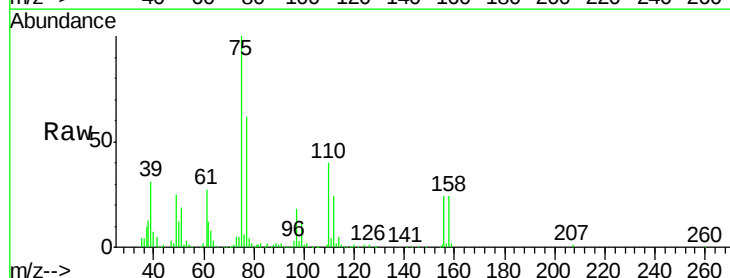
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050120

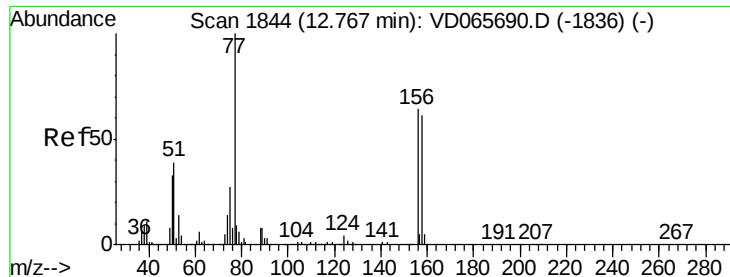
Tot Ion	83	Resp	253407
Ion Ratio	Lower	Upper	
83	100		
131	9.1	5.5	16.5
85	58.7	32.3	96.9



#76
 1,2,3-Trichloropropane
 Concen: 53.383 ug/l m
 RT: 12.79 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

Tgt Ion	75	Resp	172039
Ion Ratio	Lower	Upper	
75	100		
77	61.8	28.7	86.1





#77

Bromobenzene

Concen: 52.841 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

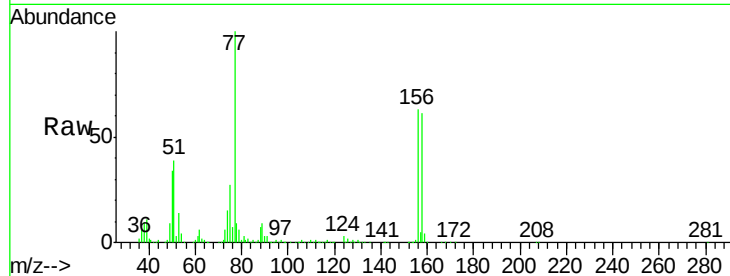
Tot Ion:156 Resp: 360026

Ion Ratio Lower Upper

156 100

77 157.9 78.4 235.2

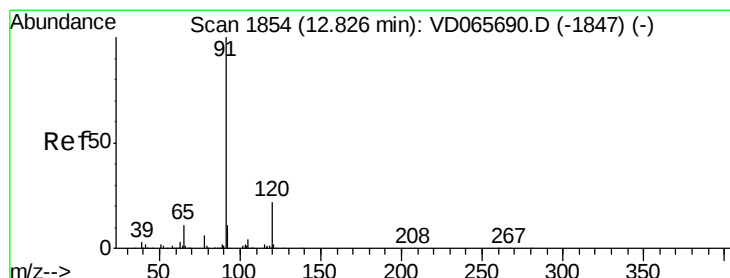
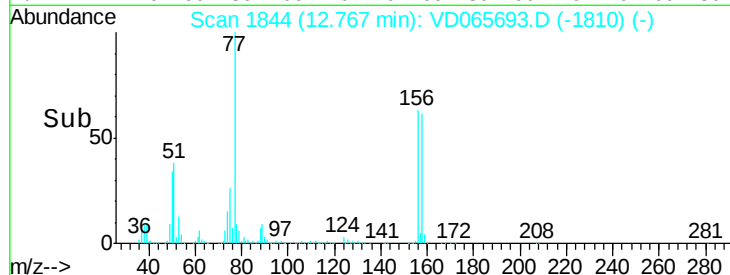
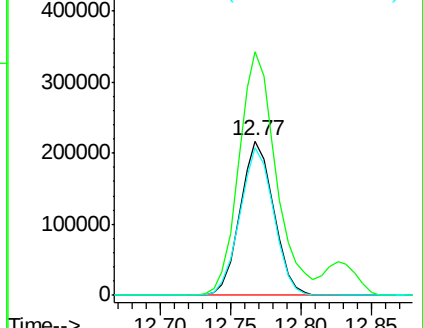
158 95.9 47.6 142.8



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 55.204 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065693.D

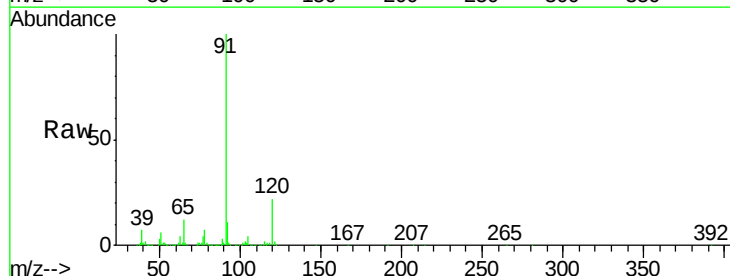
Acq: 01 May 2020 21:56

Tgt Ion: 91 Resp: 1731358

Ion Ratio Lower Upper

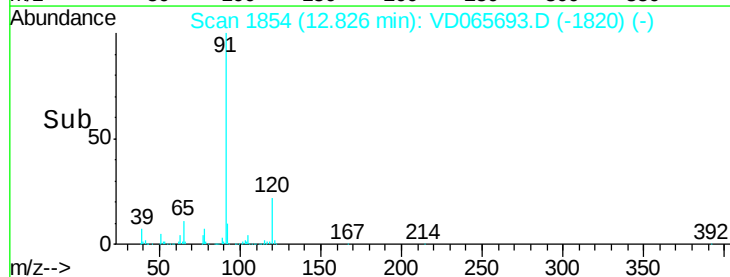
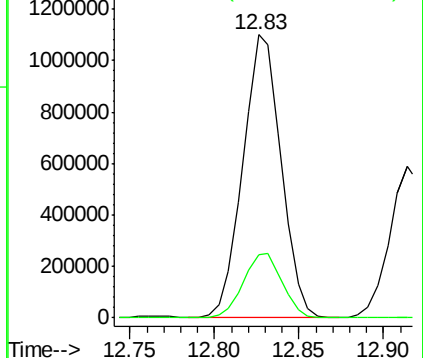
91 100

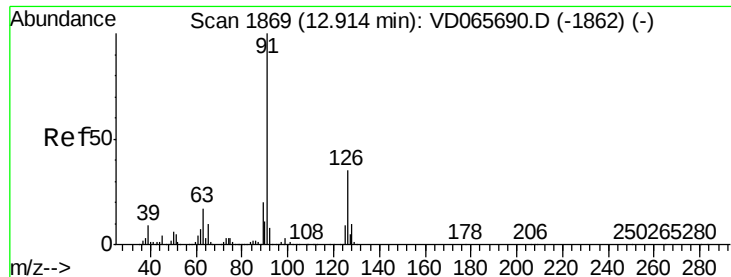
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

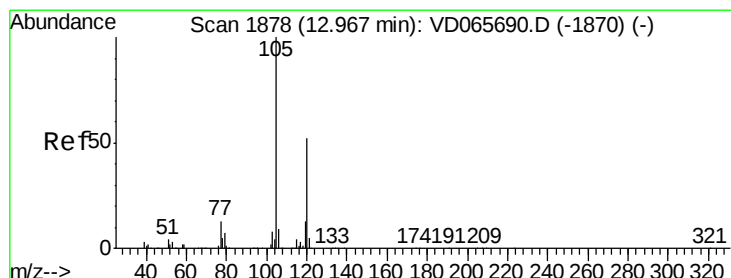
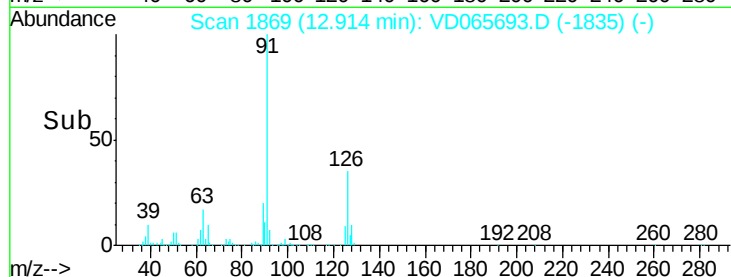
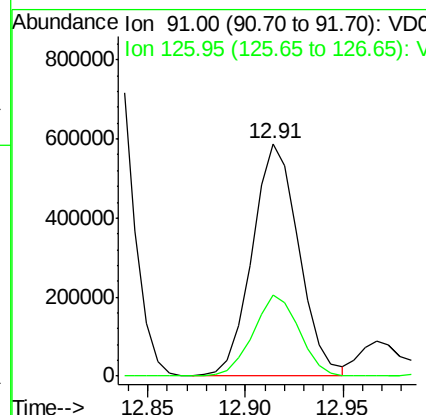
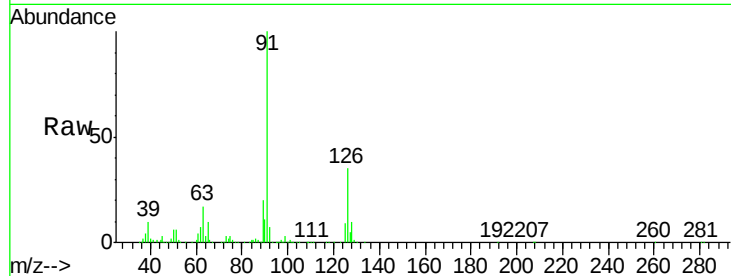




#79
2-Chlorotoluene
Concen: 54.442 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

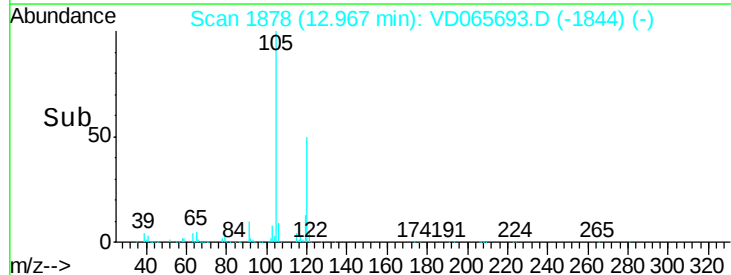
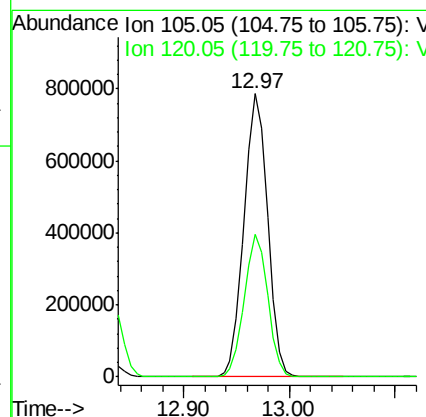
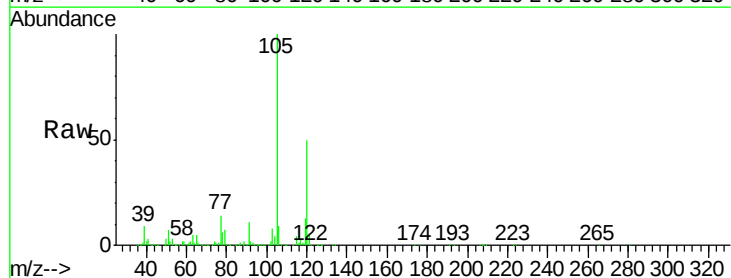
Instrument :
MSVOA_D
ClientSampleId :
ICVVD050120

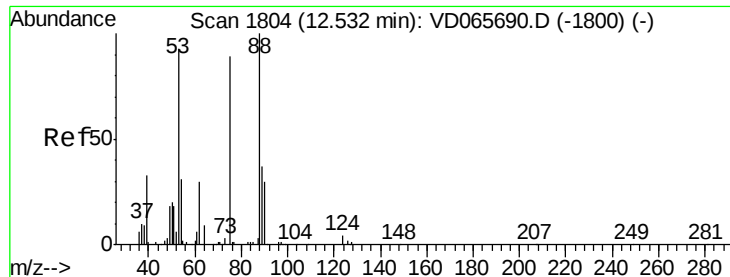
Tot Ion: 91 Resp: 970876
Ion Ratio Lower Upper
91 100
126 34.7 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 55.721 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065693.D
Acq: 01 May 2020 21:56

Tgt Ion: 105 Resp: 1220066
Ion Ratio Lower Upper
105 100
120 50.3 25.9 77.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.847 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

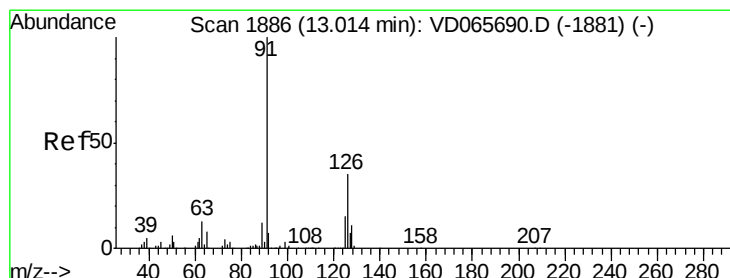
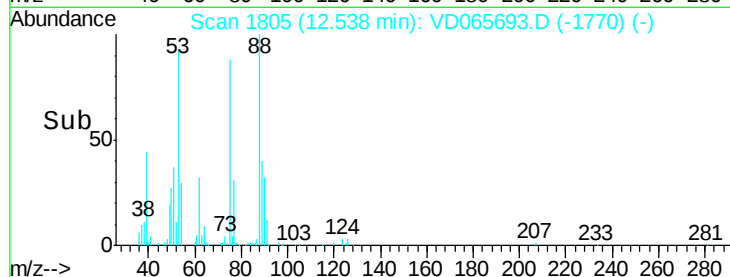
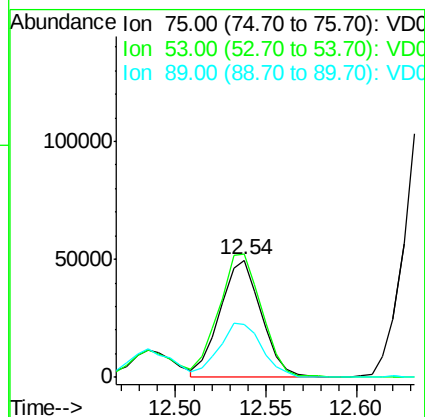
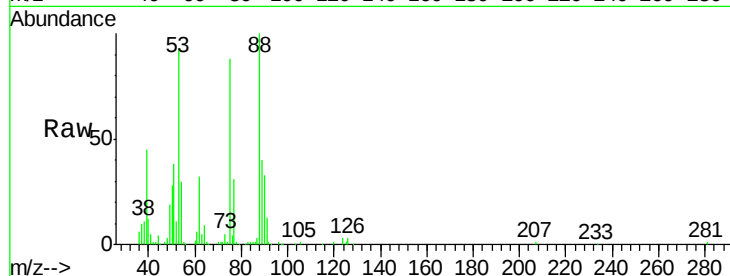
Tot Ion: 75 Resp: 79040

Ion Ratio Lower Upper

75 100

53 105.3 84.0 126.0

89 45.1 35.5 53.3



#82

4-Chlorotoluene

Concen: 53.771 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065693.D

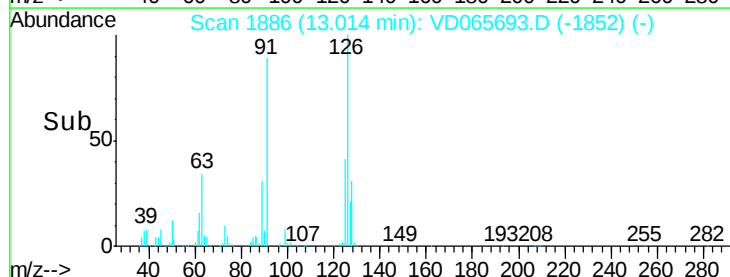
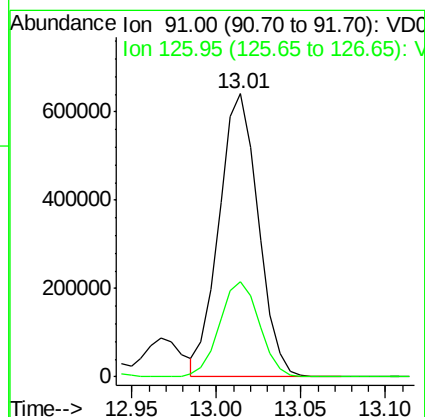
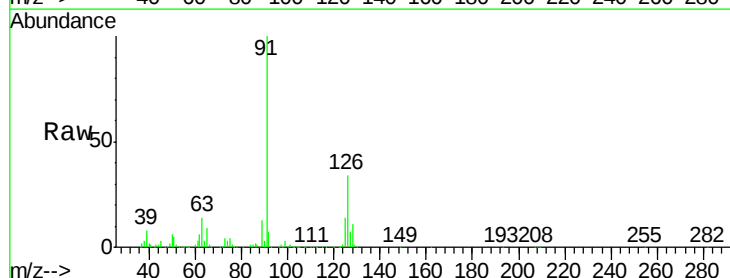
Acq: 01 May 2020 21:56

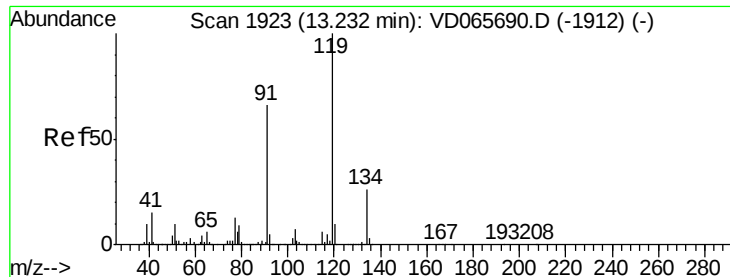
Tgt Ion: 91 Resp: 1038204

Ion Ratio Lower Upper

91 100

126 33.6 16.9 50.7





#83

tert-Butylbenzene

Concen: 55.788 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

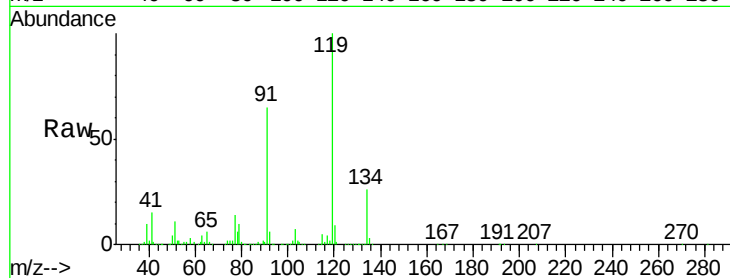
Tot Ion:119 Resp: 1015827

Ion Ratio Lower Upper

119 100

91 65.3 32.9 98.7

134 25.9 12.9 38.7



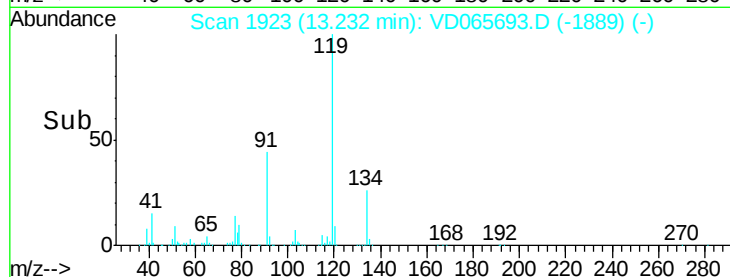
Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

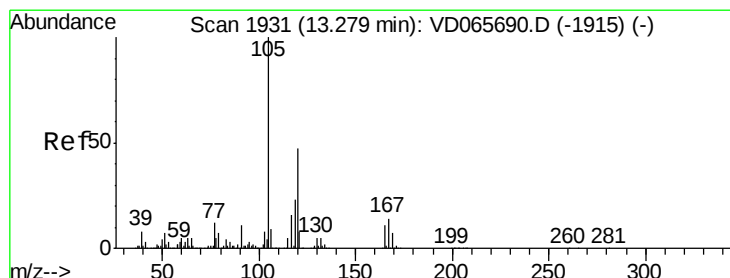
Ion 134.00 (133.70 to 134.70): V

13.23

Time-->



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 51.125 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065693.D

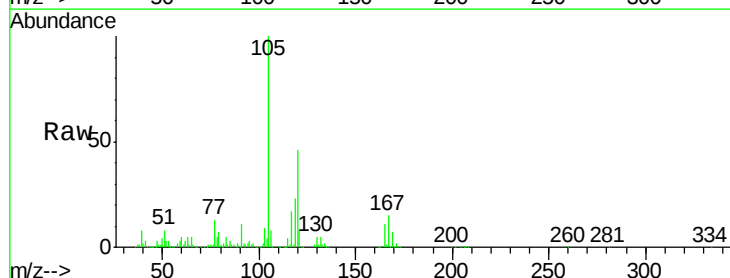
Acq: 01 May 2020 21:56

Tgt Ion:105 Resp: 1227968

Ion Ratio Lower Upper

105 100

120 46.1 23.3 69.8

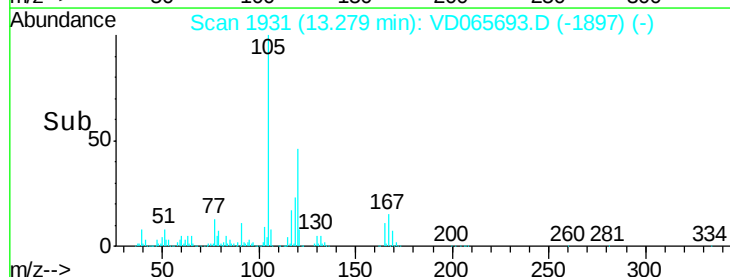


Abundance Ion 105.05 (104.75 to 105.75): V

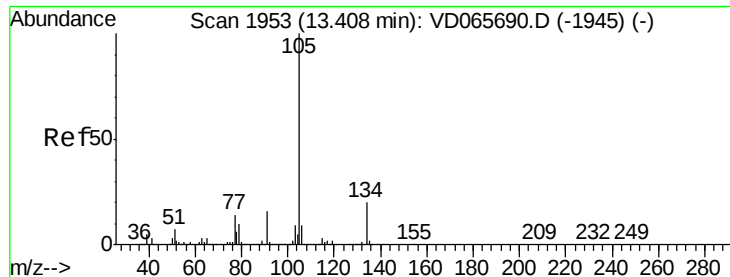
Ion 120.05 (119.75 to 120.75): V

13.28

Time-->



Time-->



#85

sec-Butylbenzene

Concen: 55.657 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

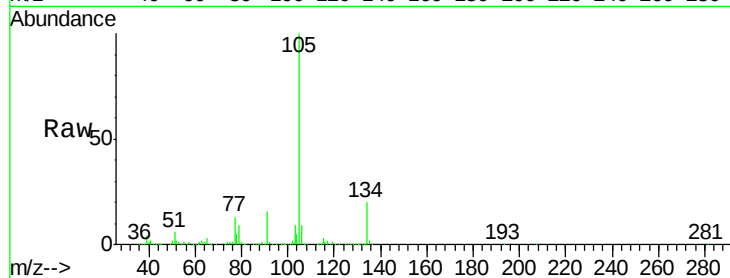
ICVVD050120

Tot Ion:105 Resp: 1438035

Ion Ratio Lower Upper

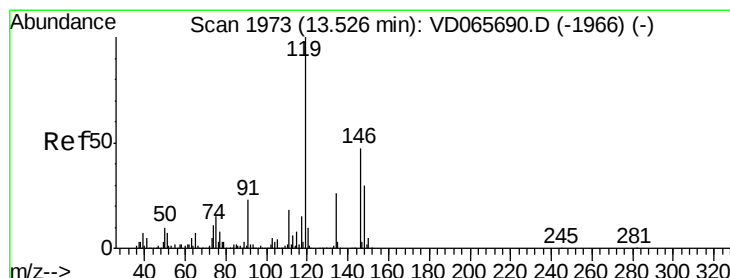
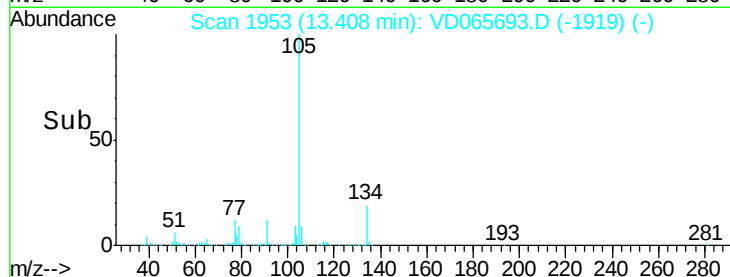
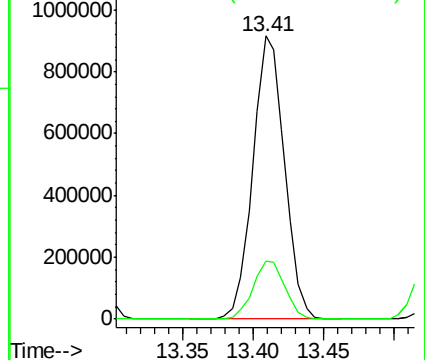
105 100

134 20.4 10.3 30.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 56.117 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

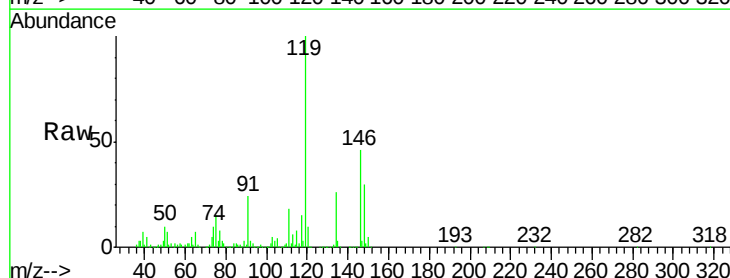
Tgt Ion:119 Resp: 1354848

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

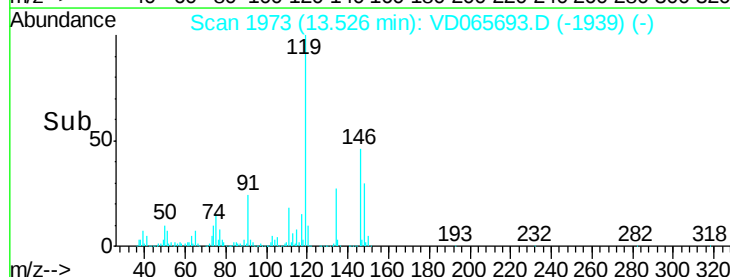
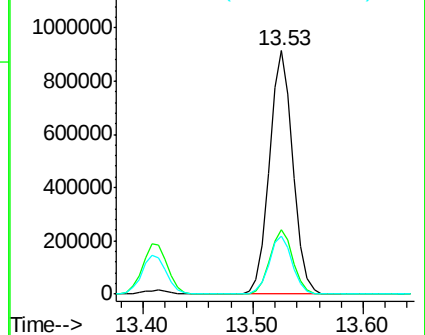
91 23.6 11.7 35.1

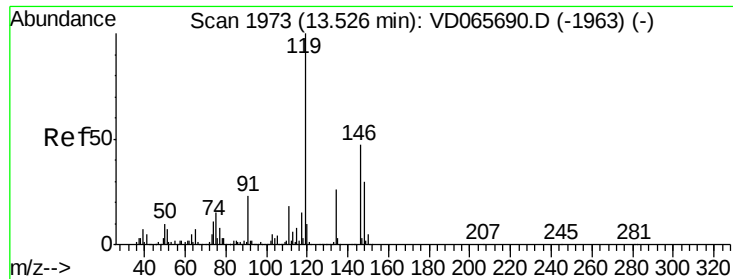


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.985 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

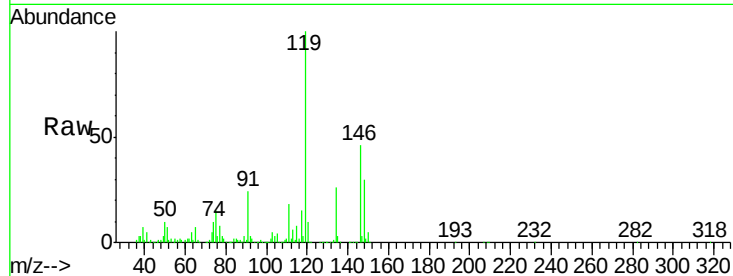
Tot Ion:146 Resp: 690043

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

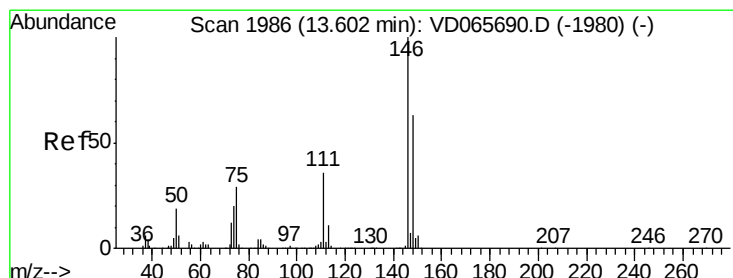
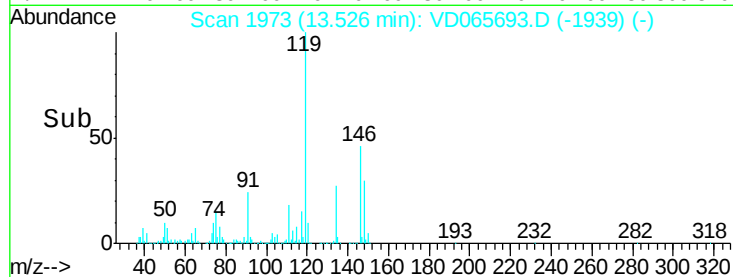
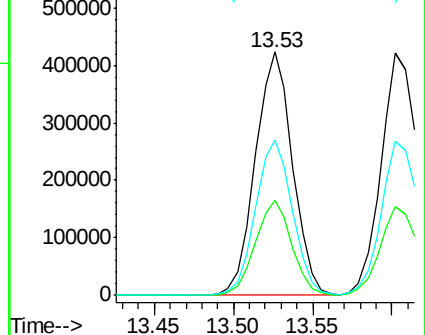
148 63.9 31.4 94.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.063 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

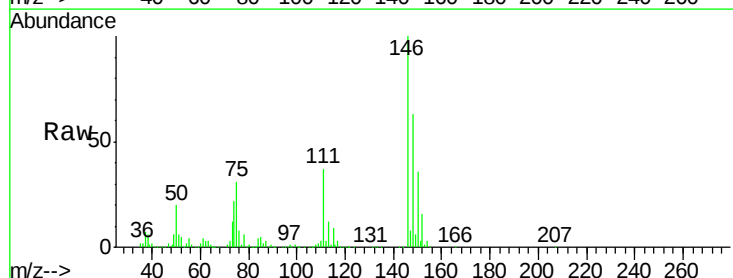
Tgt Ion:146 Resp: 680640

Ion Ratio Lower Upper

146 100

111 36.7 18.3 54.9

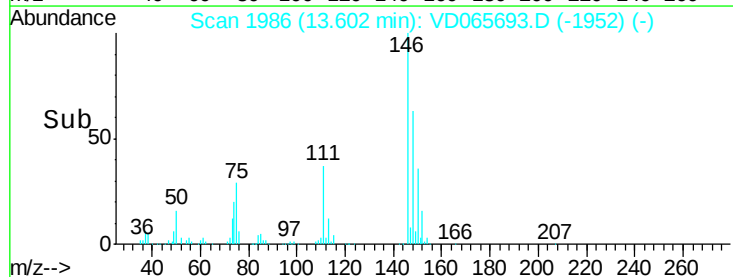
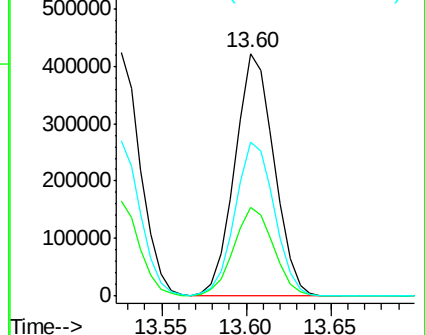
148 63.5 31.6 94.8

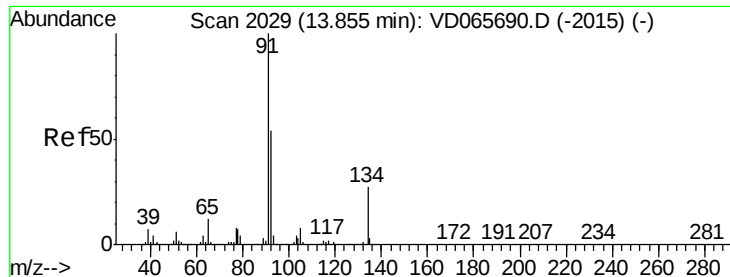


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 55.437 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

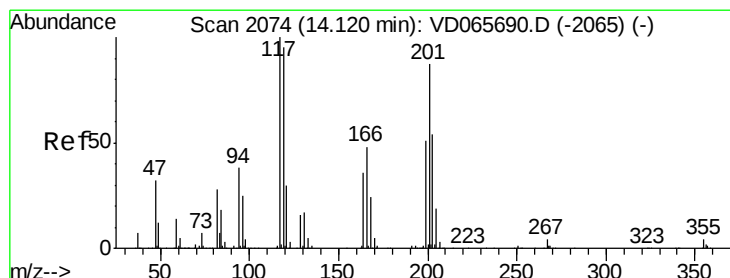
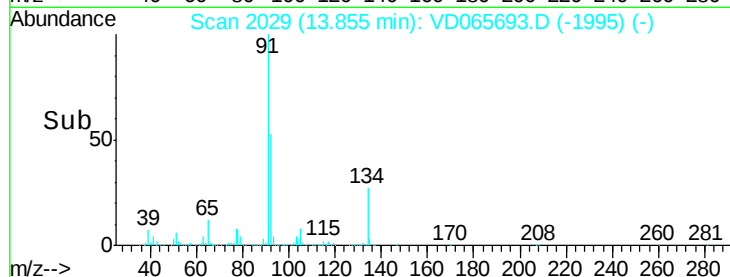
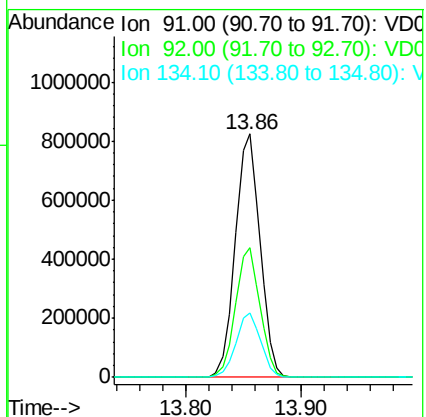
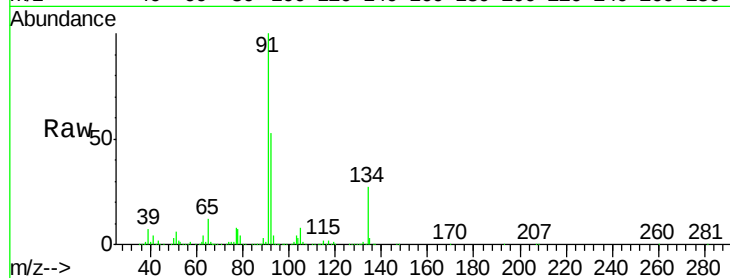
Tot Ion: 91 Resp: 1225510

Ion Ratio Lower Upper

91 100

92 53.3 27.0 81.0

134 26.7 13.5 40.5



#90

Hexachloroethane

Concen: 52.218 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD065693.D

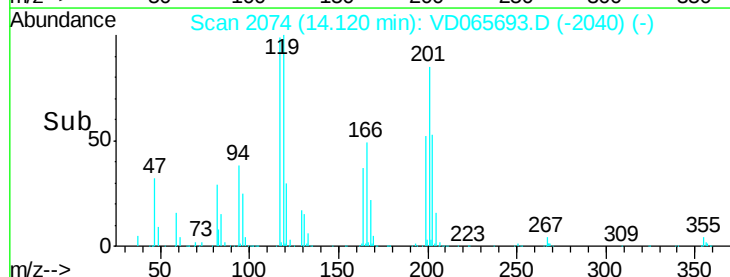
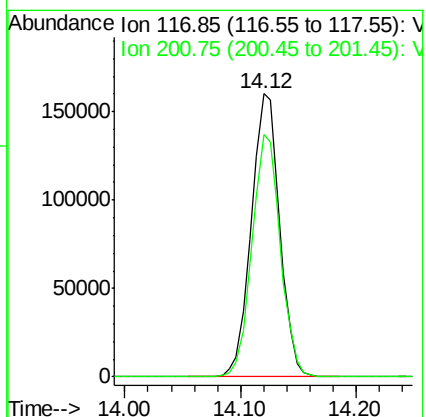
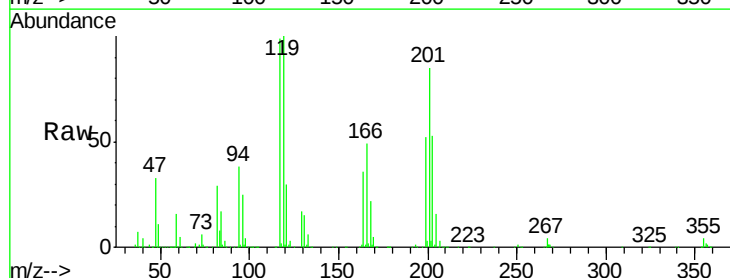
Acq: 01 May 2020 21:56

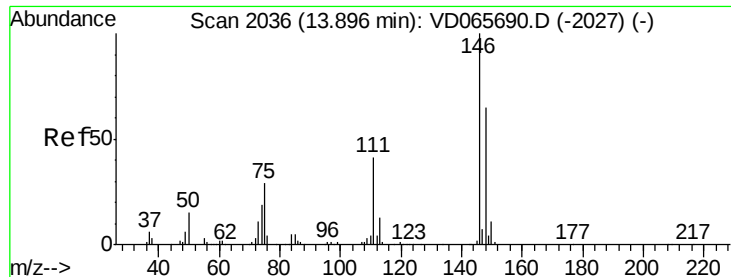
Tgt Ion: 117 Resp: 274498

Ion Ratio Lower Upper

117 100

201 85.5 43.7 131.1





#91

1,2-Dichlorobenzene

Concen: 52.108 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

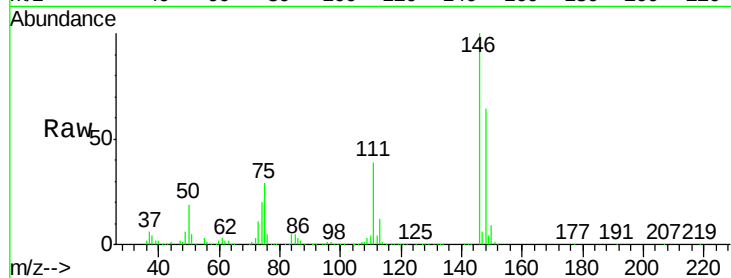
Tot Ion:146 Resp: 597358

Ion Ratio Lower Upper

146 100

111 39.2 20.3 60.8

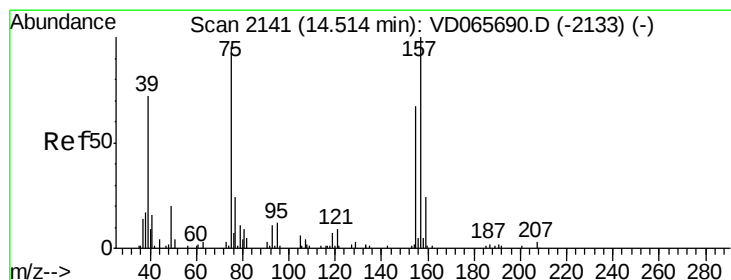
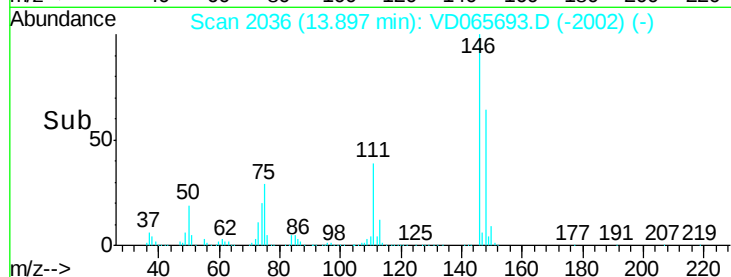
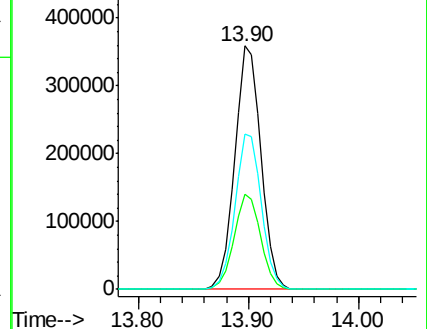
148 63.9 32.5 97.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.883 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

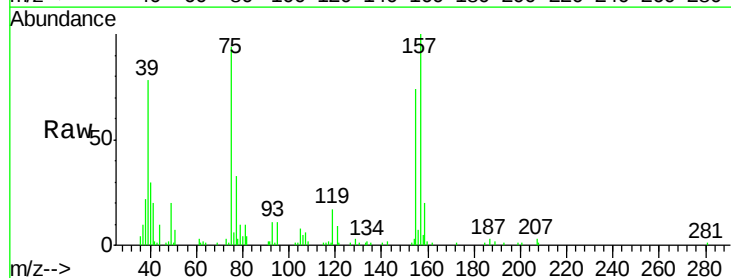
Tgt Ion: 75 Resp: 40656

Ion Ratio Lower Upper

75 100

155 79.3 35.4 106.3

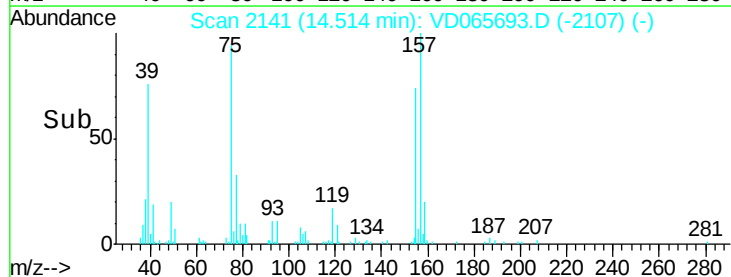
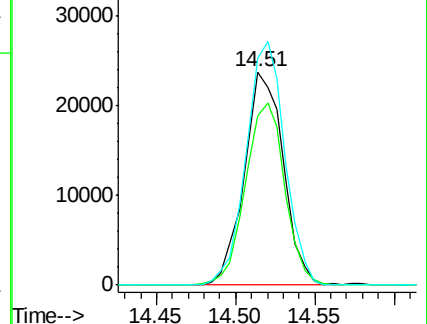
157 106.5 52.6 157.8

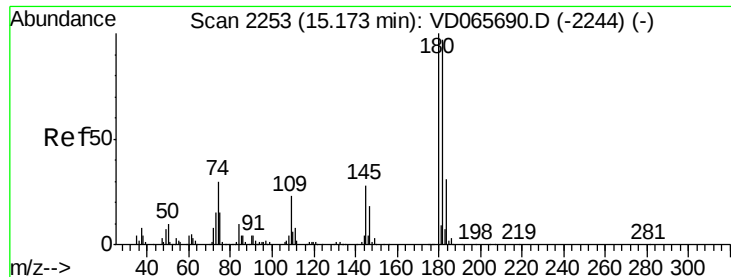


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

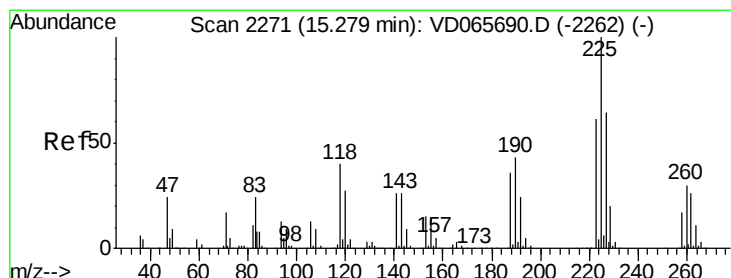
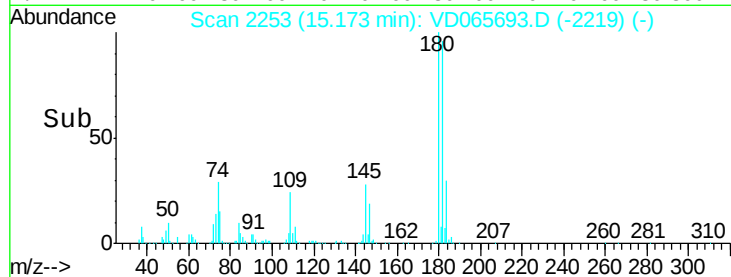
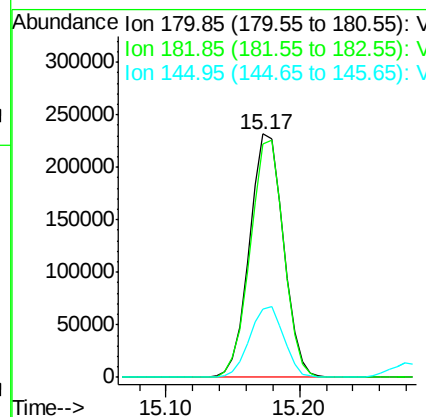
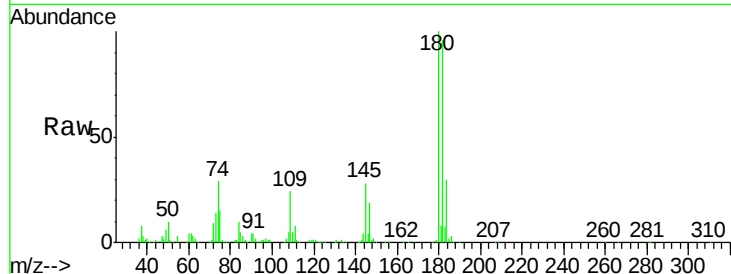




#93
 1,2,4-Trichlorobenzene
 Concen: 54.888 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

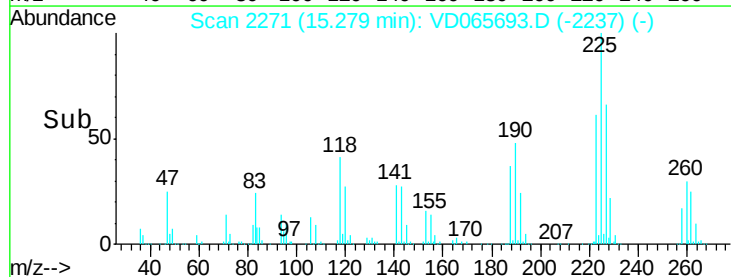
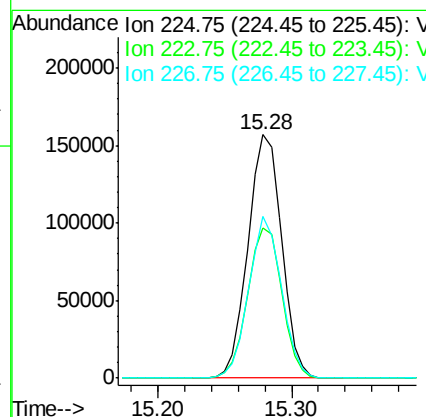
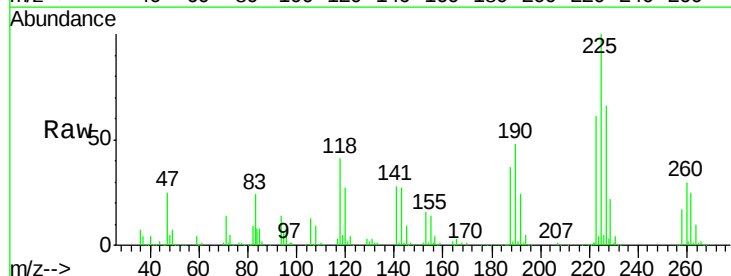
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050120

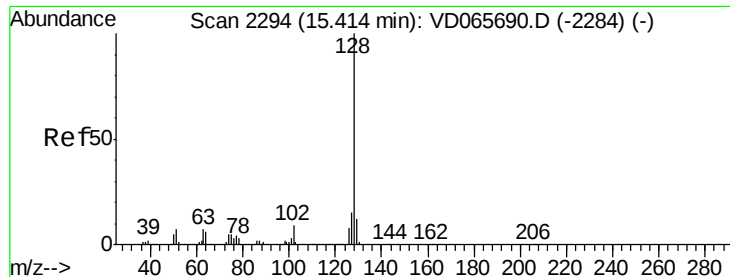
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.5	145.5
145	28.2	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 52.408 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065693.D
 Acq: 01 May 2020 21:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	30.4	91.3
227	66.4	32.0	96.0





#95

Naphthalene

Concen: 52.576 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

ICVVD050120

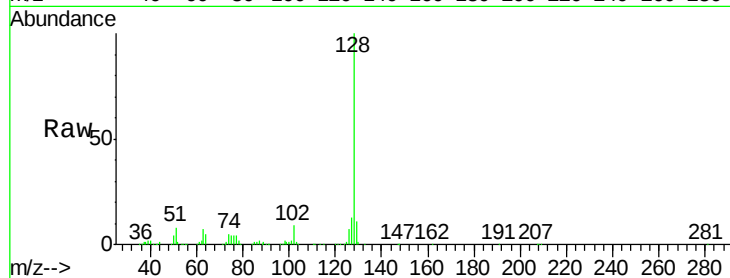
Tot Ion:128 Resp: 663682

Ion Ratio Lower Upper

128 100

127 13.1 11.8 17.6

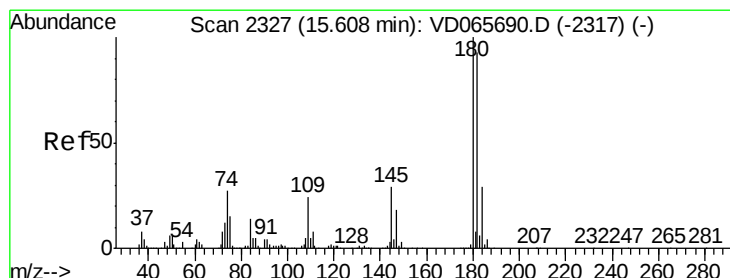
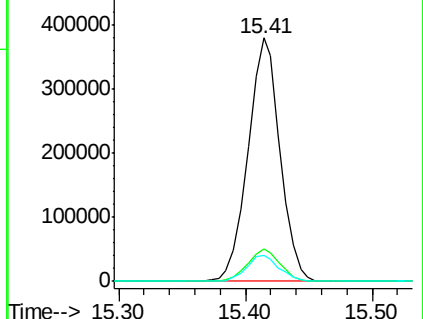
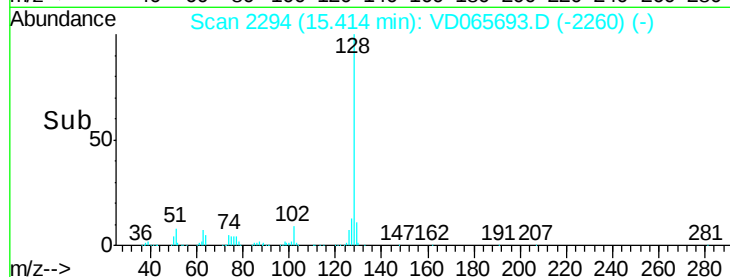
129 10.6 9.6 14.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.793 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD065693.D

Acq: 01 May 2020 21:56

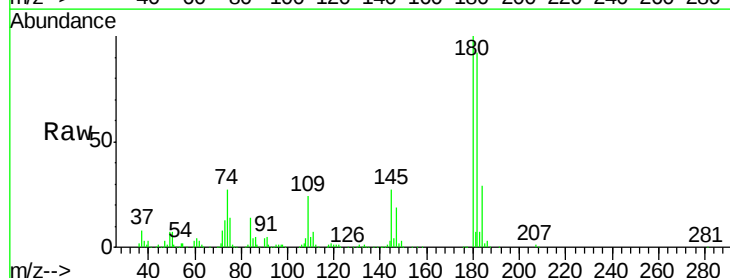
Tgt Ion:180 Resp: 365099

Ion Ratio Lower Upper

180 100

182 91.6 46.6 139.7

145 27.0 14.5 43.6



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

