

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050120\
 Data File : VD065687.D
 Acq On : 01 May 2020 17:52
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:55:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050120S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 02 02:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	511003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	785250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	741618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	32418	7.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	15.06%	
35) Dibromofluoromethane	7.91	113	27966	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
50) Toluene-d8	10.34	98	92919	6.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.00%	
62) 4-Bromofluorobenzene	12.64	95	30973	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	18878	4.509	ug/l	89
3) Chloromethane	2.20	50	34049	8.375	ug/l	99
4) Vinyl Chloride	2.34	62	36800	9.356	ug/l	95
5) Bromomethane	2.77	94	25070	17.418	ug/l	91
6) Chloroethane	2.92	64	24493	14.387	ug/l	94
7) Trichlorofluoromethane	3.27	101	46645	8.127	ug/l	96
8) Diethyl Ether	3.71	74	10705	6.960	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	29177	5.979	ug/l	98
10) Methyl Iodide	4.30	142	17941	3.159	ug/l	93
11) Tert butyl alcohol	5.19	59	23474	97.945	ug/l #	88
12) 1,1-Dichloroethene	4.06	96	21389	5.115	ug/l #	91
13) Acrolein	3.92	56	10541	38.038	ug/l #	81
14) Allyl chloride	4.71	41	36222	6.040	ug/l	97
15) Acrylonitrile	5.43	53	24486	32.299	ug/l	93
16) Acetone	4.16	43	27033	28.602	ug/l	91
17) Carbon Disulfide	4.40	76	78956	6.406	ug/l	97
18) Methyl Acetate	4.72	43	17901	8.535	ug/l	91
19) Methyl tert-butyl Ether	5.49	73	42412	4.950	ug/l	98
20) Methylene Chloride	4.97	84	50899	9.377	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	25999	5.385	ug/l	96
22) Diisopropyl ether	6.36	45	64179	4.689	ug/l #	86
23) Vinyl Acetate	6.31	43	167044	23.097	ug/l	98
24) 1,1-Dichloroethane	6.27	63	49221	5.947	ug/l #	92
25) 2-Butanone	7.22	43	36018	30.169	ug/l	96
26) 2,2-Dichloropropane	7.21	77	44759	6.230	ug/l	90
27) cis-1,2-Dichloroethene	7.21	96	28182	5.138	ug/l	96
28) Bromochloromethane	7.55	49	20438	6.390	ug/l	86
29) Tetrahydrofuran	7.57	42	19260	31.245	ug/l	96
30) Chloroform	7.71	83	54225	5.939	ug/l	96
31) Cyclohexane	7.99	56	48811	7.845	ug/l #	83
32) 1,1,1-Trichloroethane	7.91	97	47277	5.955	ug/l	92
36) 1,1-Dichloropropene	8.11	75	37057	5.813	ug/l	96
37) Ethyl Acetate	7.29	43	17014	6.133	ug/l	96
38) Carbon Tetrachloride	8.10	117	45012	5.788	ug/l	95

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 Data File : VD065687.D
 Acq On : 01 May 2020 17:52
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 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:55:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050120S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 02 02:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	35923	5.546	ug/l #	81
40) Benzene	8.36	78	109183	6.719	ug/l	99
41) Methacrylonitrile	7.52	41	5549	1.941	ug/l #	88
42) 1,2-Dichloroethane	8.43	62	36179	6.612	ug/l	94
43) Isopropyl Acetate	9.52	43	22285	5.642	ug/l #	96
44) Trichloroethene	9.11	130	31955	5.450	ug/l	96
45) 1,2-Dichloropropane	9.39	63	26321	6.368	ug/l	93
46) Dibromomethane	9.48	93	15677	5.601	ug/l	92
47) Bromodichloromethane	9.67	83	43030	6.329	ug/l #	93
48) Methyl methacrylate	9.46	41	11754	4.924	ug/l #	79
49) 1,4-Dioxane	9.48	88	3554	141.341	ug/l #	85
51) 4-Methyl-2-Pentanone	10.23	43	69273	27.584	ug/l	95
52) Toluene	10.40	92	60905	5.800	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	31768	5.538	ug/l	93
54) cis-1,3-Dichloropropene	10.10	75	38079	5.454	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	20700	6.116	ug/l	93
56) Ethyl methacrylate	10.67	69	16875	4.444	ug/l	89
57) 1,3-Dichloropropane	10.95	76	34187	6.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	46885	26.885	ug/l	99
59) 2-Hexanone	10.99	43	44479	24.139	ug/l	86
60) Dibromochloromethane	11.14	129	27815	5.165	ug/l	94
61) 1,2-Dibromoethane	11.25	107	18371	4.697	ug/l	92
64) Tetrachloroethene	10.87	164	27756	5.229	ug/l	94
65) Chlorobenzene	11.67	112	76316	5.354	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	29681	4.999	ug/l	91
67) Ethyl Benzene	11.75	91	114060	4.809	ug/l	97
68) m/p-Xylenes	11.86	106	79746	9.141	ug/l	94
69) o-Xylene	12.18	106	34849	4.420	ug/l	95
70) Styrene	12.20	104	59019	4.298	ug/l	96
71) Bromoform	12.37	173	16608	4.900	ug/l #	89
73) Isopropylbenzene	12.48	105	91732	3.645	ug/l	99
74) N-amyl acetate	12.29	43	21223	3.340	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	22766	4.722	ug/l	95
76) 1,2,3-Trichloropropane	12.79	75	26958	6.043	ug/l	89
77) Bromobenzene	12.77	156	29963	4.227	ug/l	89
78) n-propylbenzene	12.83	91	117479	4.022	ug/l	96
79) 2-Chlorotoluene	12.91	91	68206	3.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	76380	3.761	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	5772	3.994	ug/l	83
82) 4-Chlorotoluene	13.01	91	76353	4.012	ug/l	95
83) tert-Butylbenzene	13.23	119	66098	2.975	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	69317	3.609	ug/l	99
85) sec-Butylbenzene	13.41	105	94009	3.757	ug/l	95
86) p-Isopropyltoluene	13.53	119	83155	3.715	ug/l	97
87) 1,3-Dichlorobenzene	13.53	146	56211	4.477	ug/l	92
88) 1,4-Dichlorobenzene	13.60	146	61096	5.198	ug/l	97
89) n-Butylbenzene	13.86	91	82907	4.075	ug/l	93
90) Hexachloroethane	14.12	117	23537	4.058	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	50274	4.808	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3770	5.650	ug/l	92

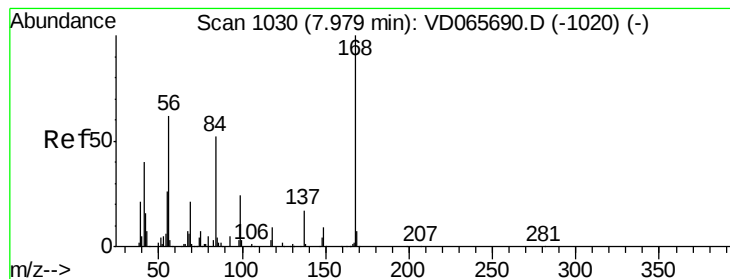
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050120\
Data File : VD065687.D
Acq On : 01 May 2020 17:52
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 02 02:55:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050120S.M
Quant Title : SW846 8260
QLast Update : Sat May 02 02:54:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	29848	5.175	ug/l	85
94) Hexachlorobutadiene	15.28	225	23283	5.555	ug/l	93
95) Naphthalene	15.41	128	38703	4.142	ug/l	95
96) 1,2,3-Trichlorobenzene	15.61	180	24315	6.722	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

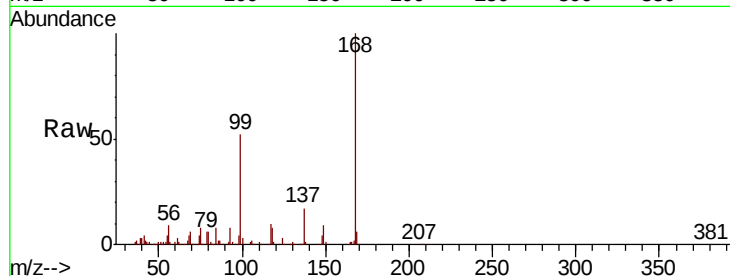
ClientSampleId :

Tot Ion:168 Resp: 511003

Ion Ratio Lower Upper

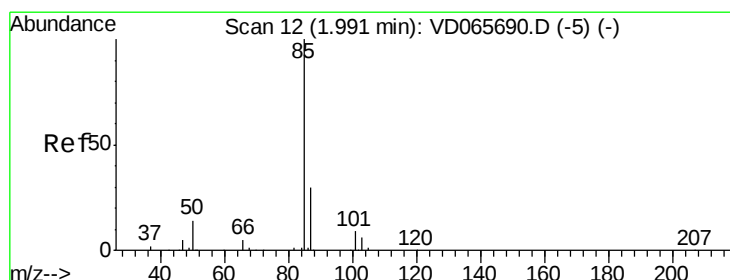
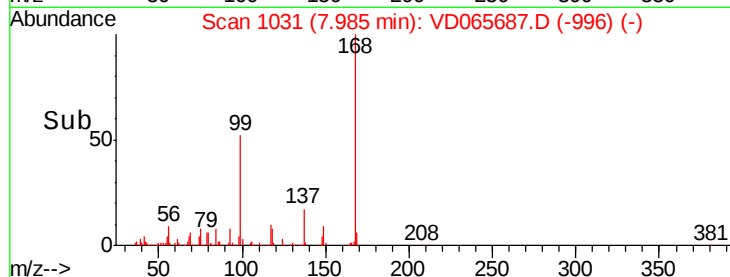
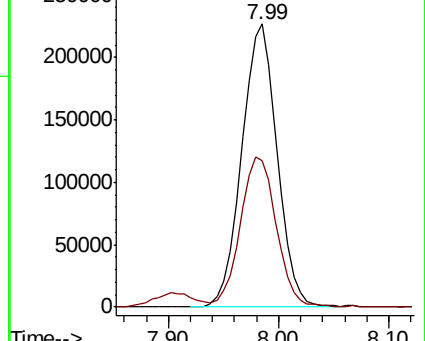
168 100

99 51.7 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: 4.509 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD065687.D

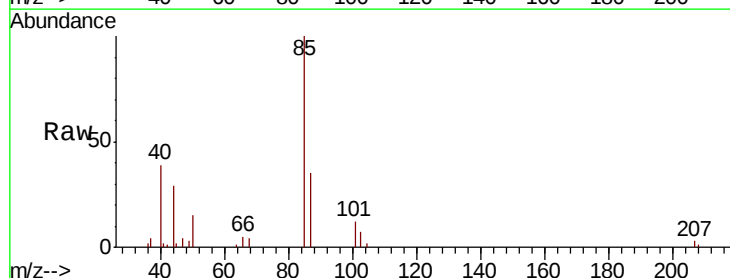
Acq: 01 May 2020 17:52

Tgt Ion: 85 Resp: 18878

Ion Ratio Lower Upper

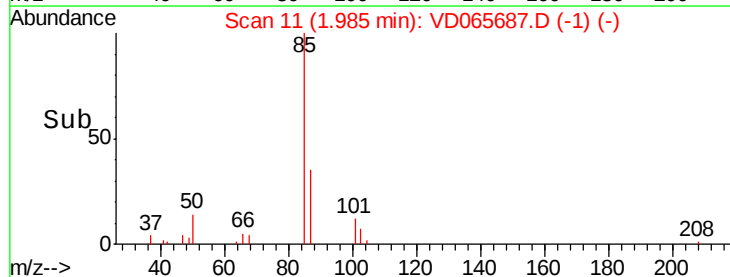
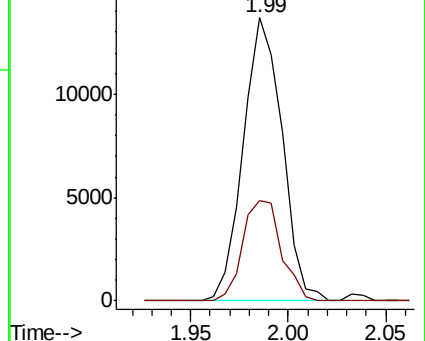
85 100

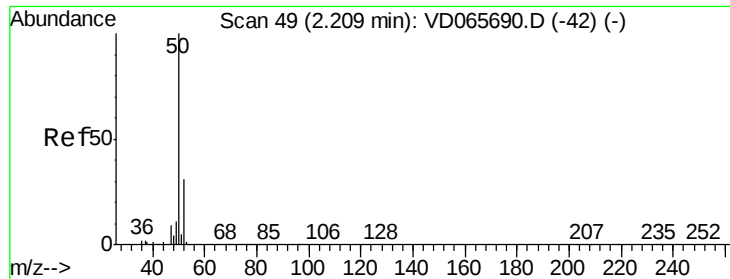
87 35.4 14.9 44.5



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 8.375 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

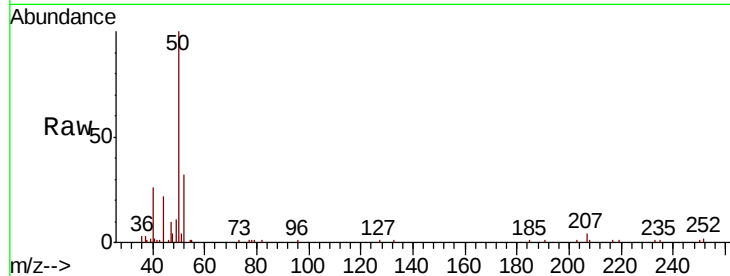
ClientSampled :

Tot Ion: 50 Resp: 34049

Ion Ratio Lower Upper

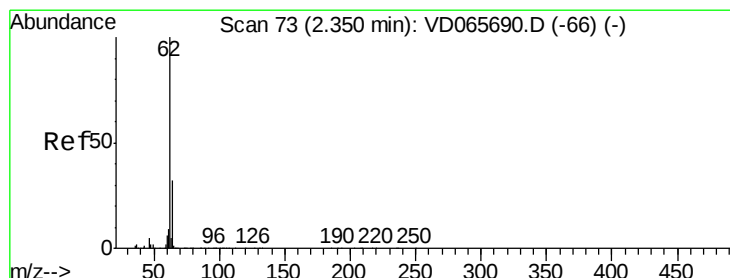
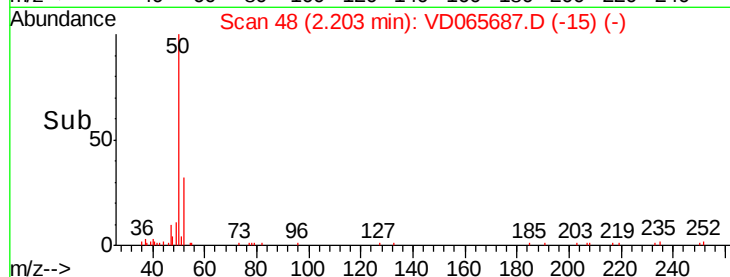
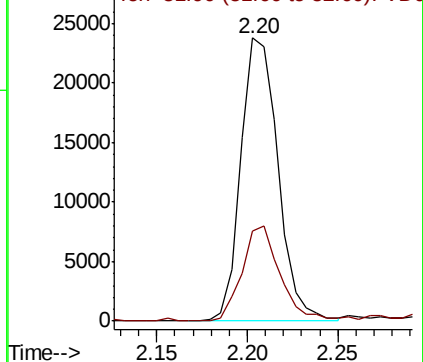
50 100

52 31.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 9.356 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD065687.D

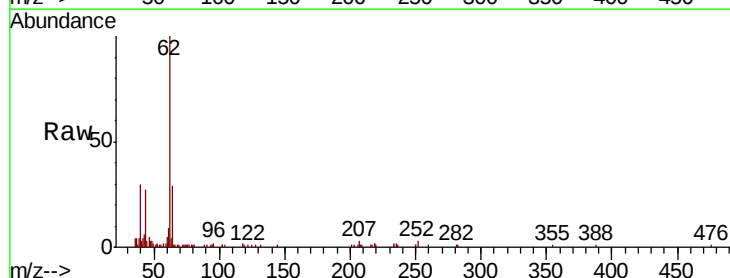
Acq: 01 May 2020 17:52

Tgt Ion: 62 Resp: 36800

Ion Ratio Lower Upper

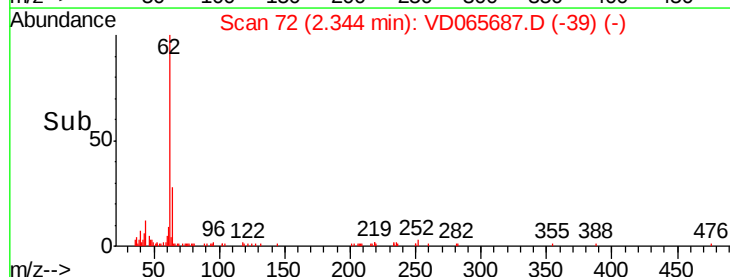
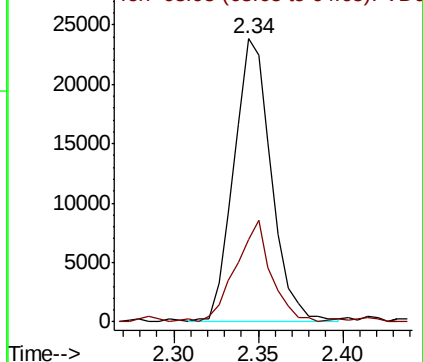
62 100

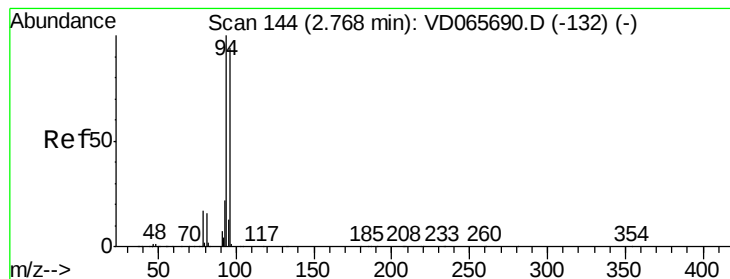
64 28.9 25.4 38.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 17.418 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

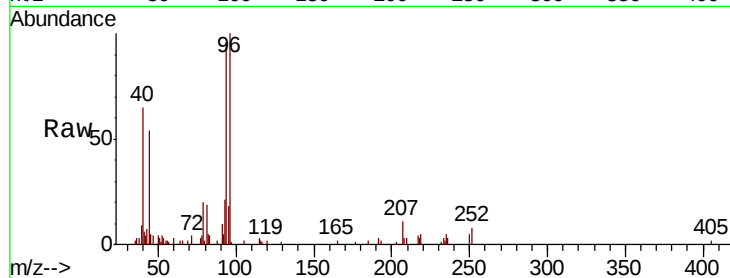
Tot Ion: 94 Resp: 25070

Ion Ratio Lower Upper

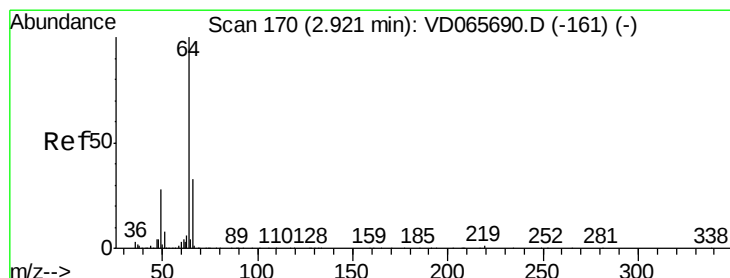
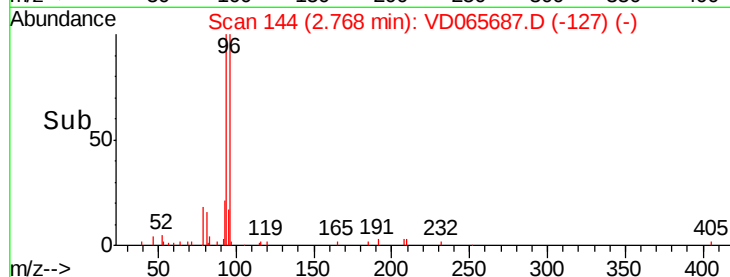
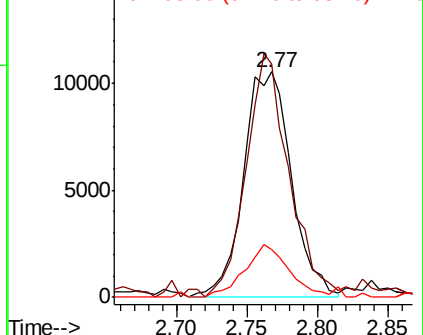
94 100

96 103.8 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: 14.387 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065687.D

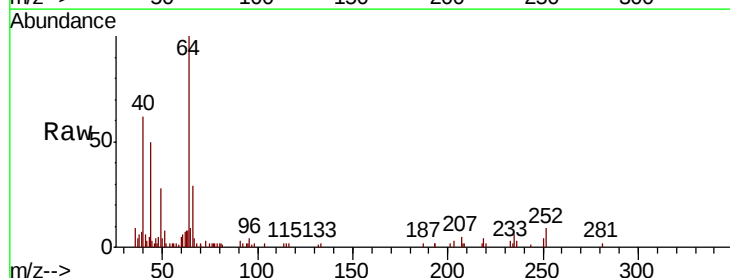
Acq: 01 May 2020 17:52

Tgt Ion: 64 Resp: 24493

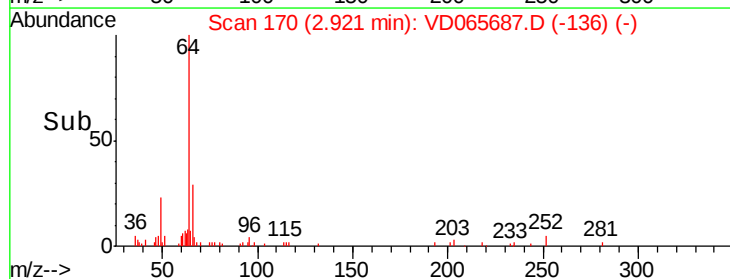
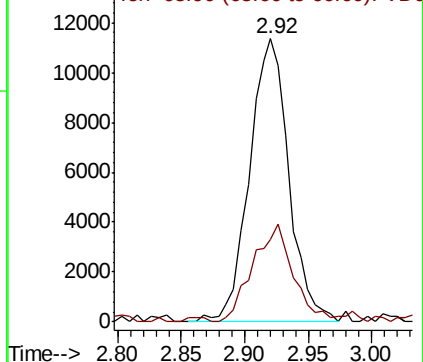
Ion Ratio Lower Upper

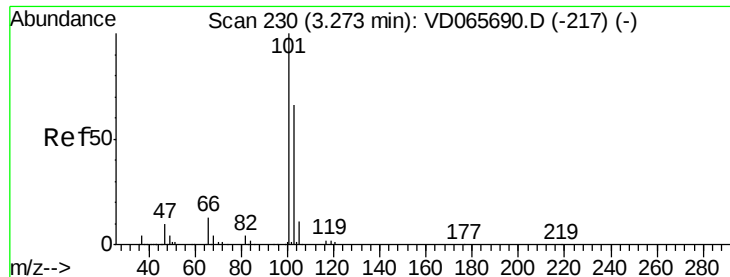
64 100

66 29.2 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: 8.127 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

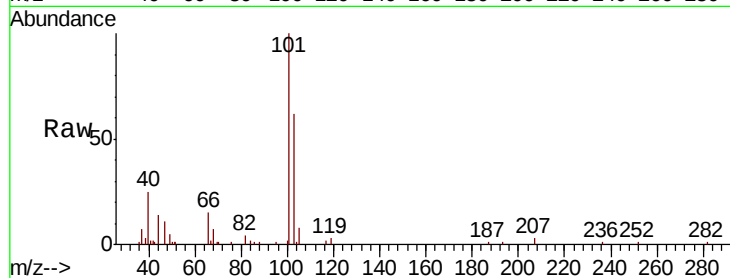
ClientSampled :

Tot Ion:101 Resp: 46645

Ion Ratio Lower Upper

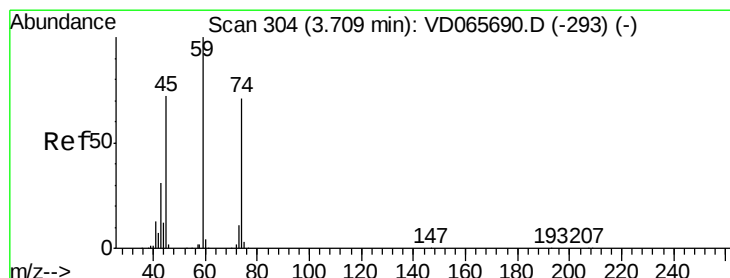
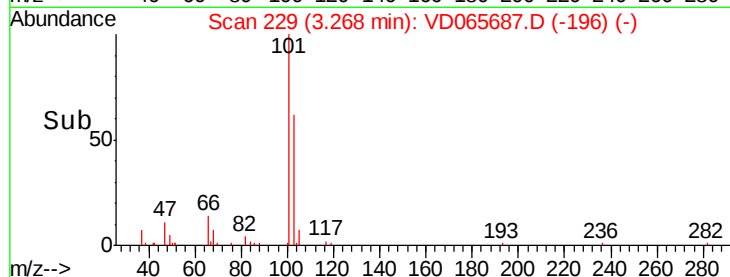
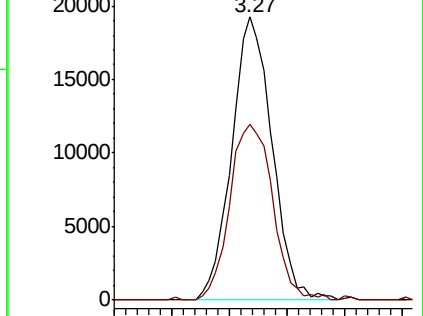
101 100

103 62.3 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: 6.960 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD065687.D

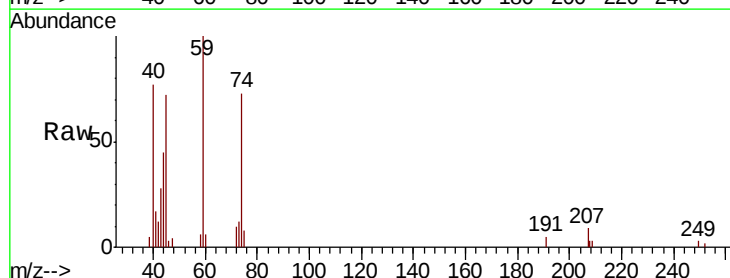
Acq: 01 May 2020 17:52

Tgt Ion: 74 Resp: 10705

Ion Ratio Lower Upper

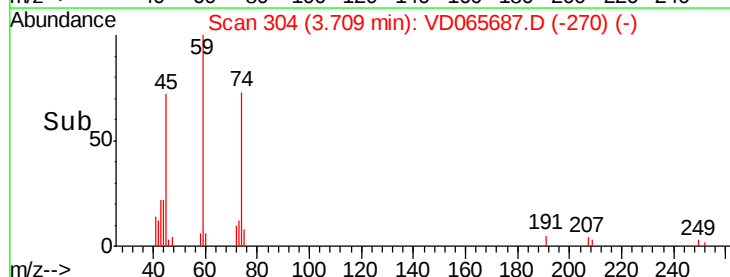
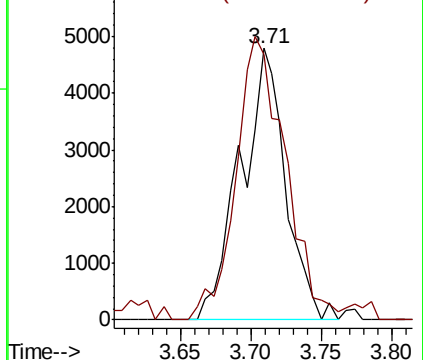
74 100

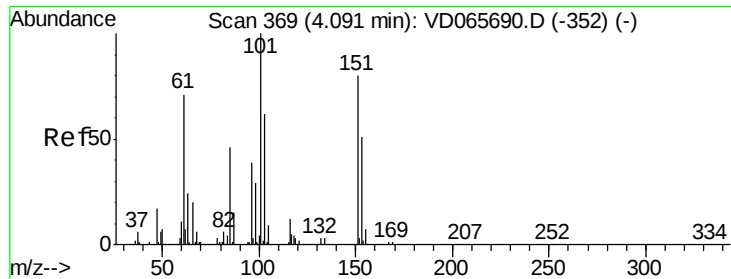
45 97.9 50.8 152.4



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: 5.979 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

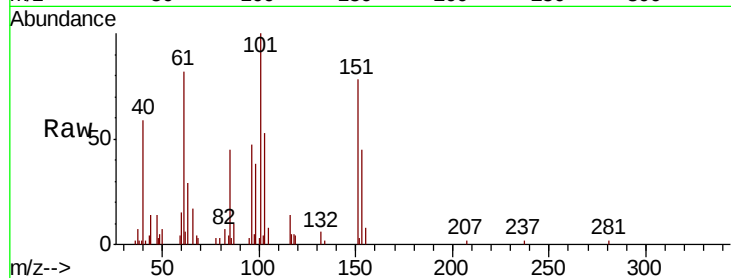
Tot Ion:101 Resp: 29177

Ion Ratio Lower Upper

101 100

85 44.6 36.7 55.1

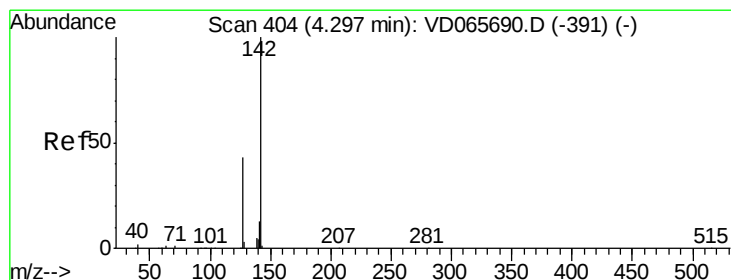
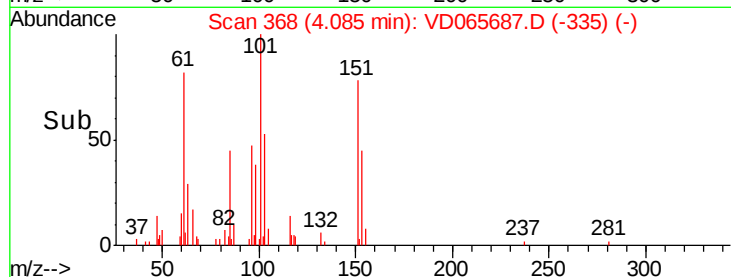
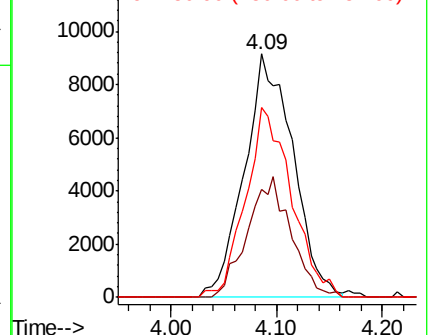
151 78.1 63.8 95.6



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 3.159 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

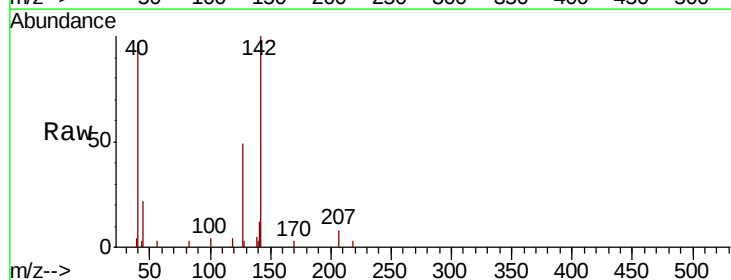
Tgt Ion:142 Resp: 17941

Ion Ratio Lower Upper

142 100

127 48.5 34.3 51.5

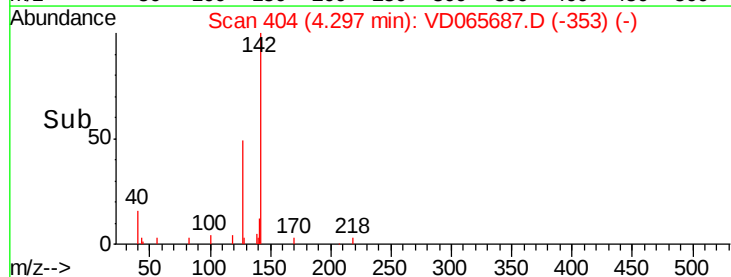
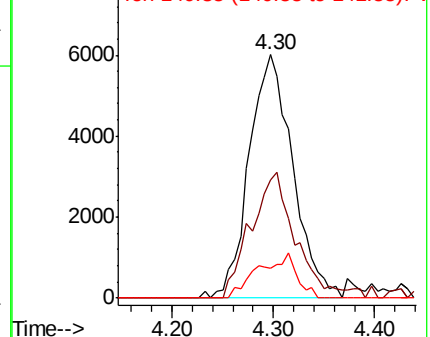
141 12.1 10.3 15.5

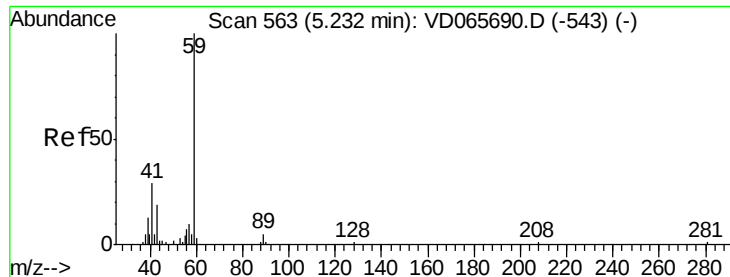


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



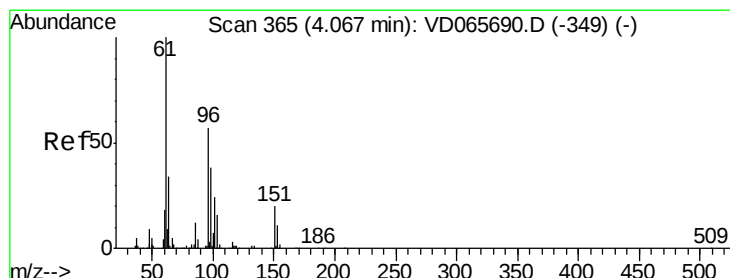
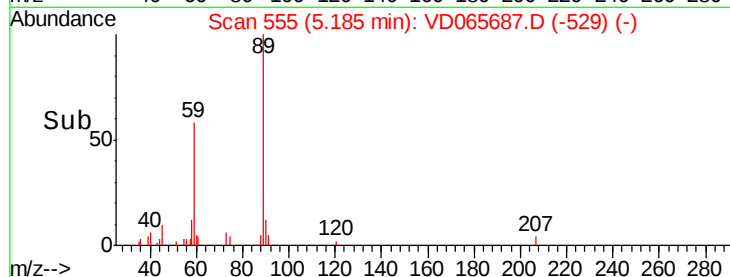
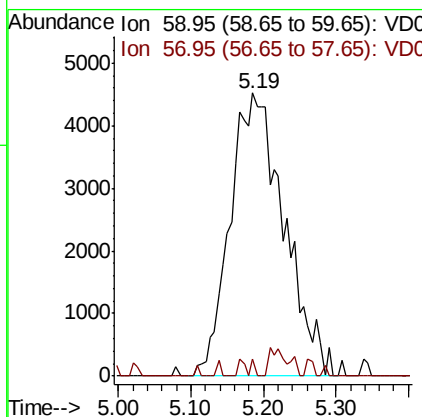
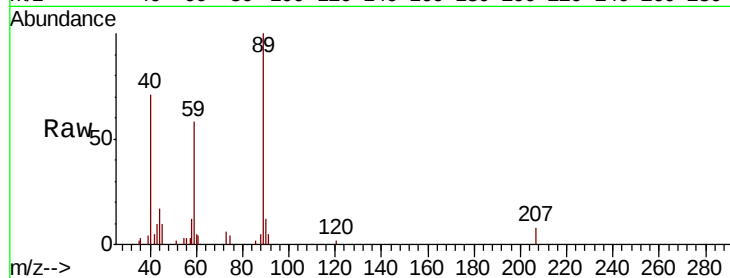


#11

Tert butyl alcohol
 Concen: 97.945 ug/l
 RT: 5.19 min Scan# 555
 Delta R.T. -0.05 min
 Lab File: VD065687.D
 Acq: 01 May 2020 17:52

Instrument :
 MSVOA_D
 ClientSampleId :

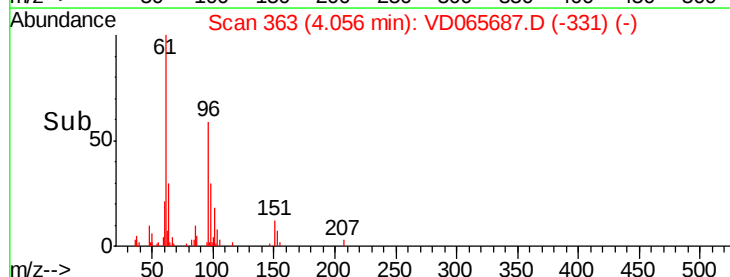
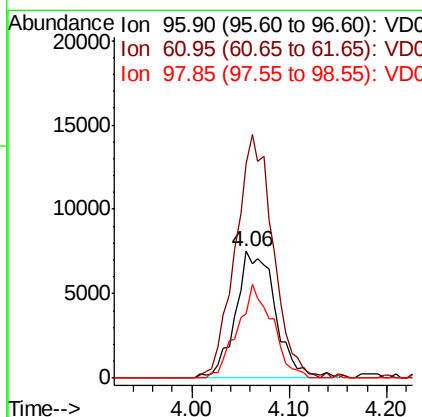
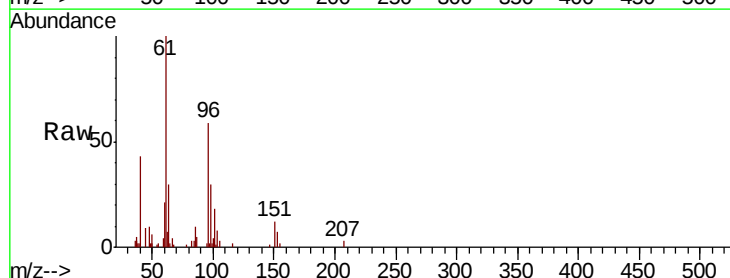
Tot Ion: 59 Resp: 23474
 Ion Ratio Lower Upper
 59 100
 57 5.9 8.2 12.4#

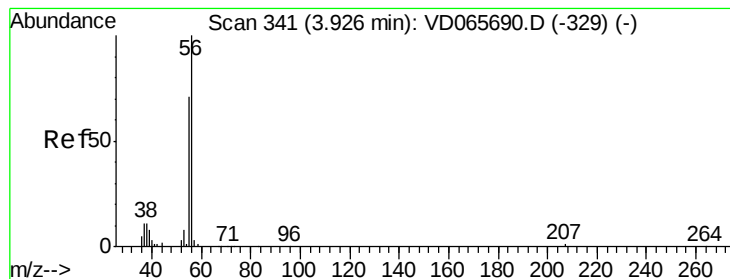


#12

1,1-Dichloroethene
 Concen: 5.115 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD065687.D
 Acq: 01 May 2020 17:52

Tgt Ion: 96 Resp: 21389
 Ion Ratio Lower Upper
 96 100
 61 169.1 140.4 210.6
 98 50.9 53.4 80.2#





#13

Acrolein

Concen: 38.038 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

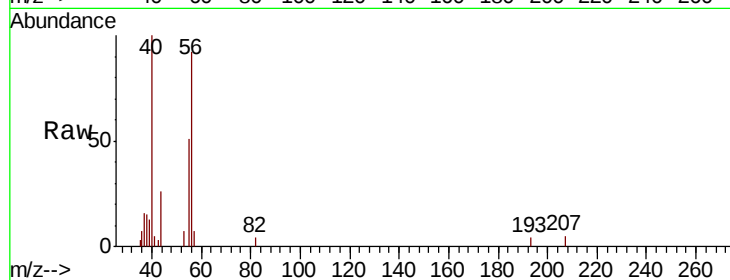
ClientSampleId :

Tot Ion: 56 Resp: 10541

Ion Ratio Lower Upper

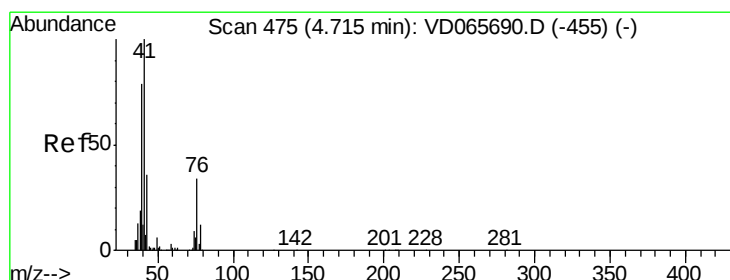
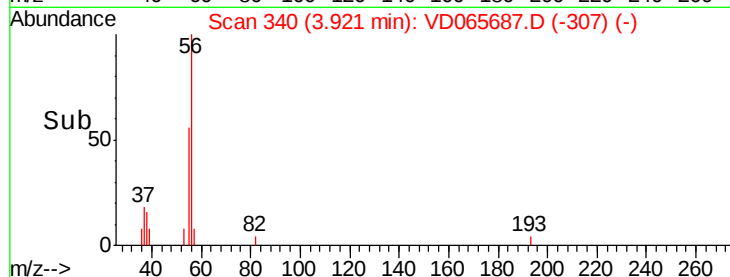
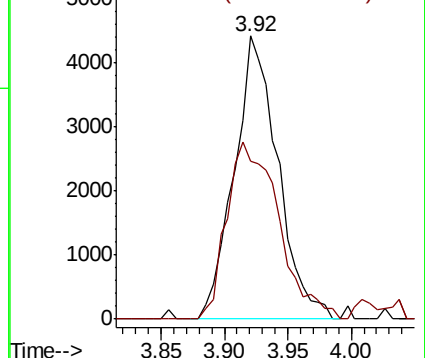
56 100

55 55.7 56.8 85.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 6.040 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

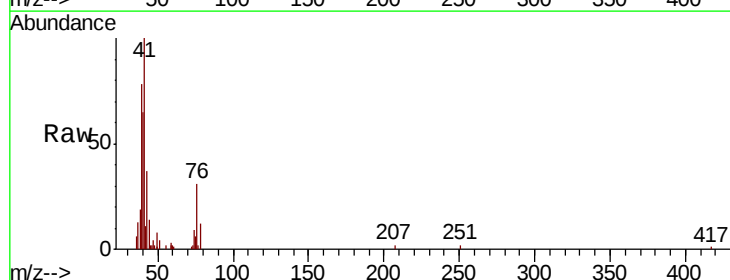
Tgt Ion: 41 Resp: 36222

Ion Ratio Lower Upper

41 100

39 77.6 63.6 95.4

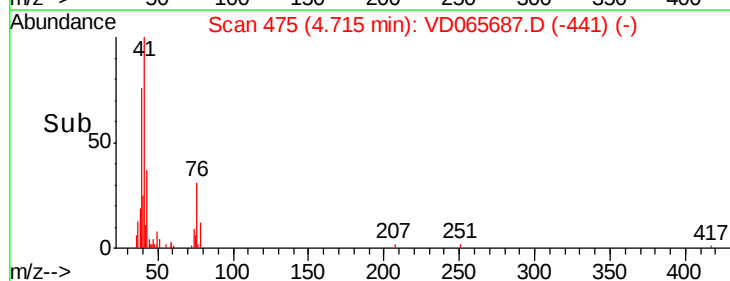
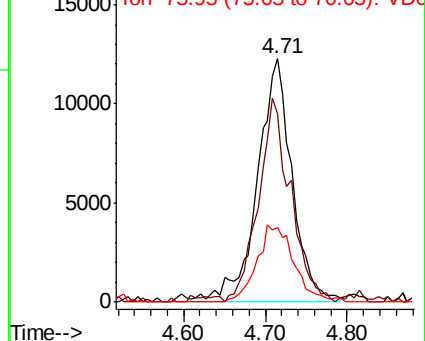
76 30.6 27.4 41.0

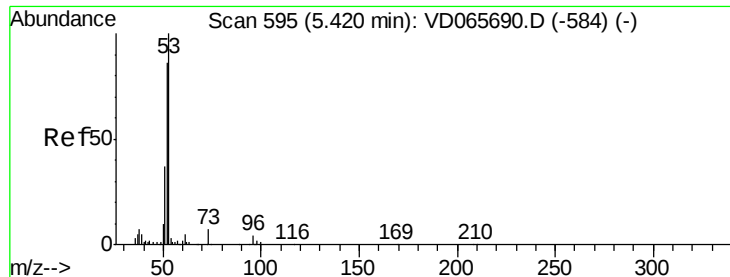


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 32.299 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

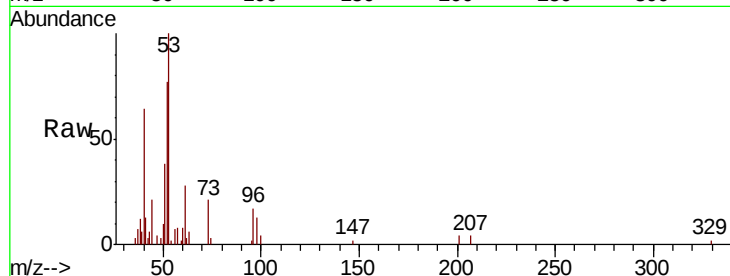
Tot Ion: 53 Resp: 24486

Ion Ratio Lower Upper

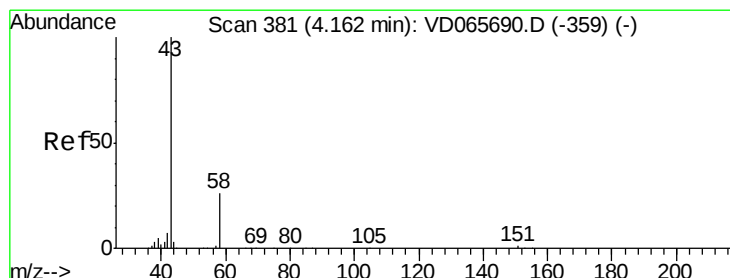
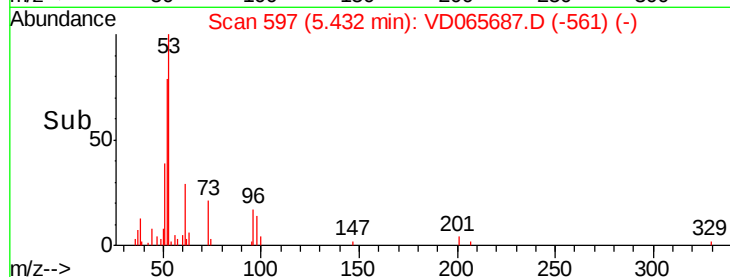
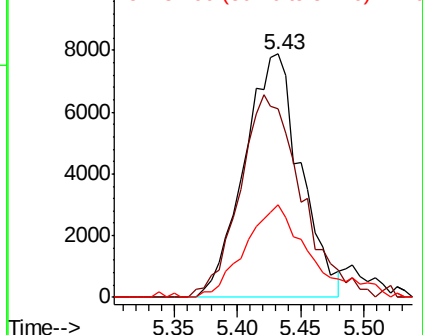
53 100

52 77.4 69.3 103.9

51 38.1 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: 28.602 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD065687.D

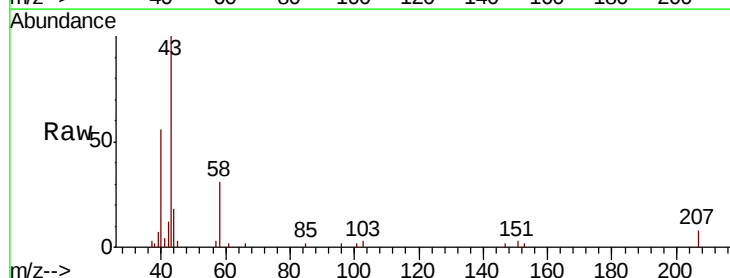
Acq: 01 May 2020 17:52

Tgt Ion: 43 Resp: 27033

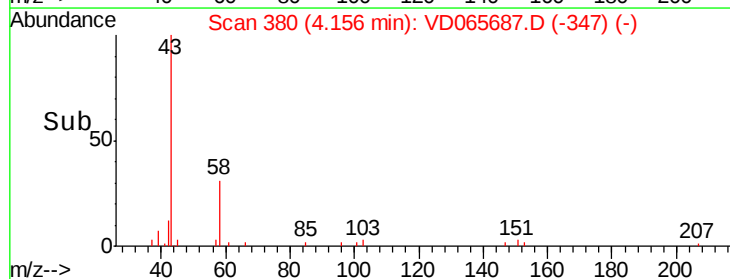
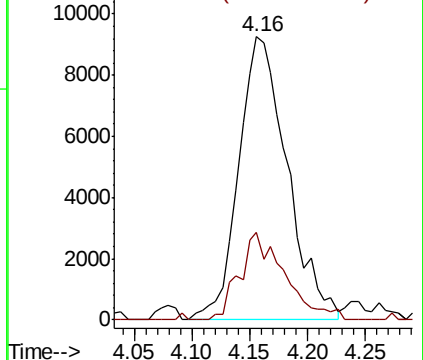
Ion Ratio Lower Upper

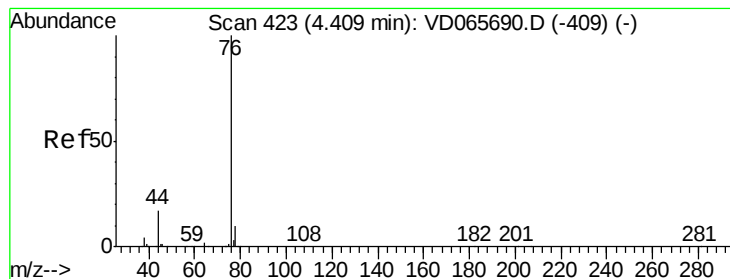
43 100

58 31.1 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: 6.406 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

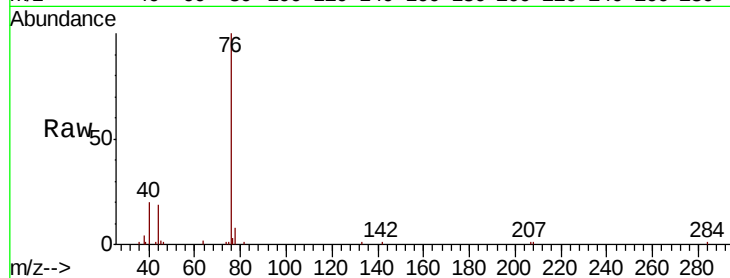
ClientSampleId :

Tot Ion: 76 Resp: 78956

Ion Ratio Lower Upper

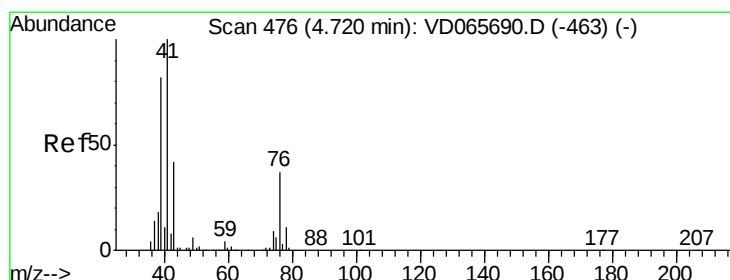
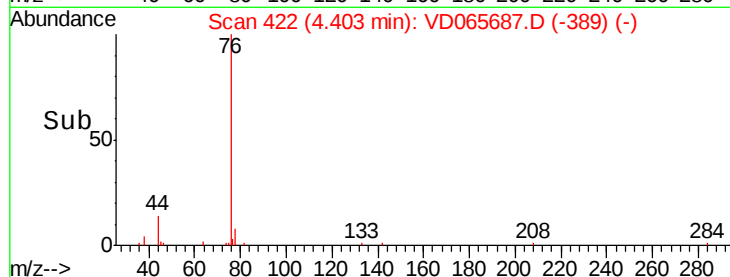
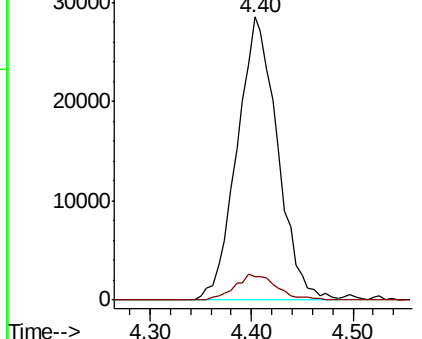
76 100

78 8.5 7.8 11.6



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 8.535 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD065687.D

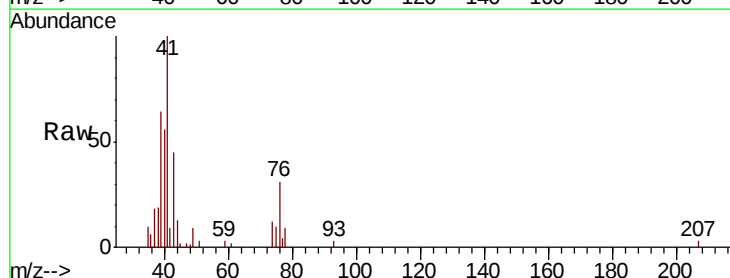
Acq: 01 May 2020 17:52

Tgt Ion: 43 Resp: 17901

Ion Ratio Lower Upper

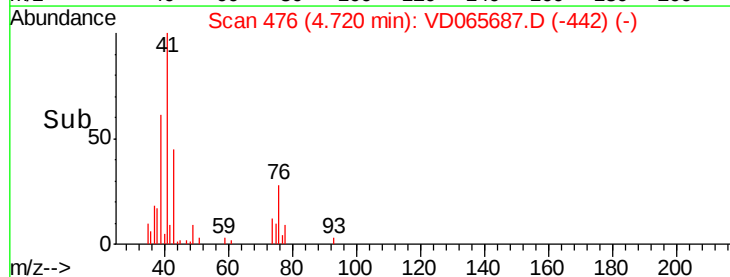
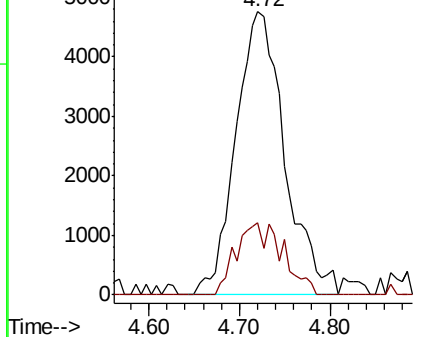
43 100

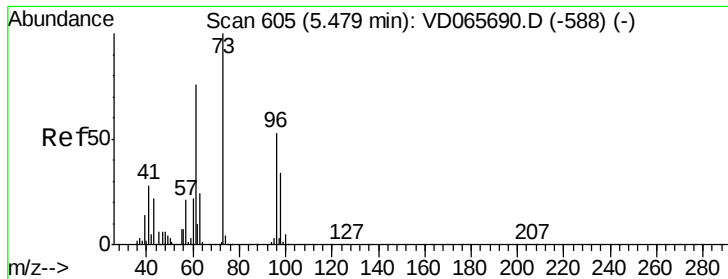
74 25.3 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

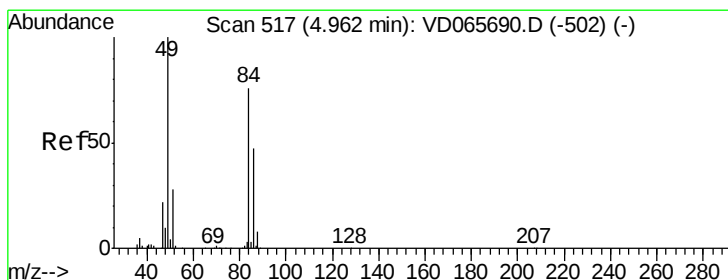
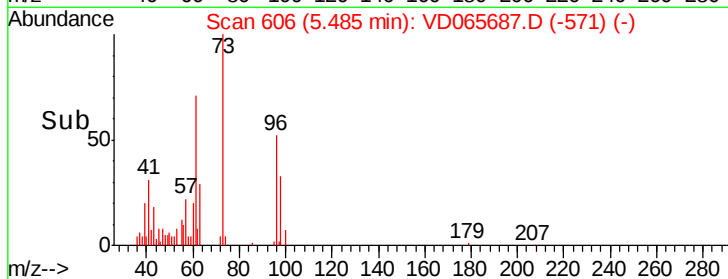
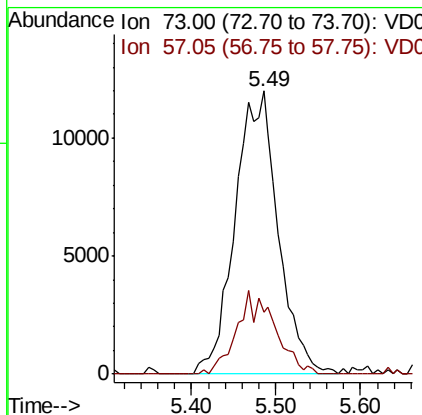
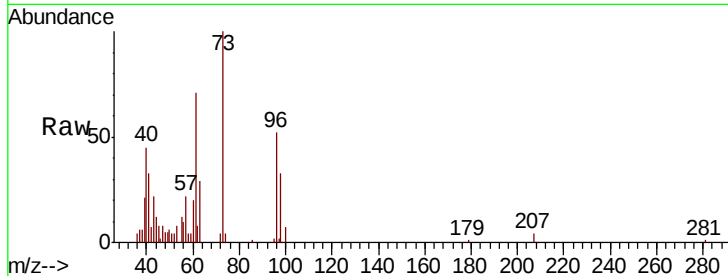




#19
Methyl tert-butyl Ether
Concen: 4.950 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

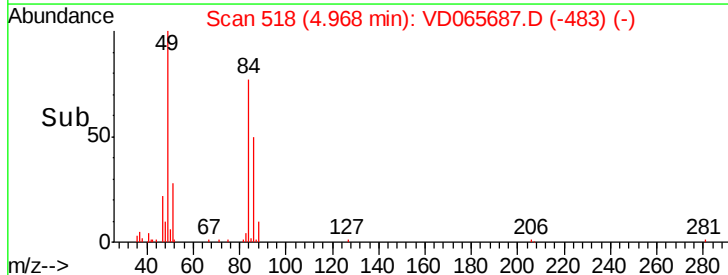
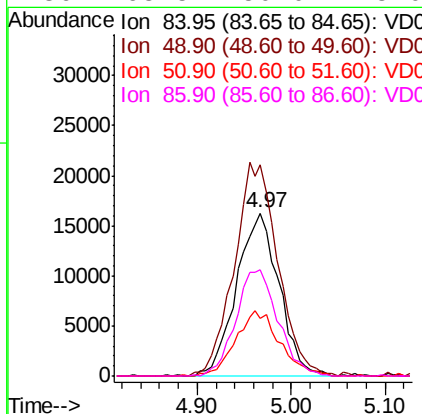
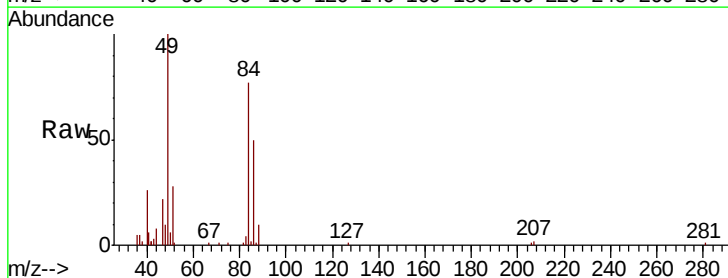
Instrument :
MSVOA_D
ClientSampled :

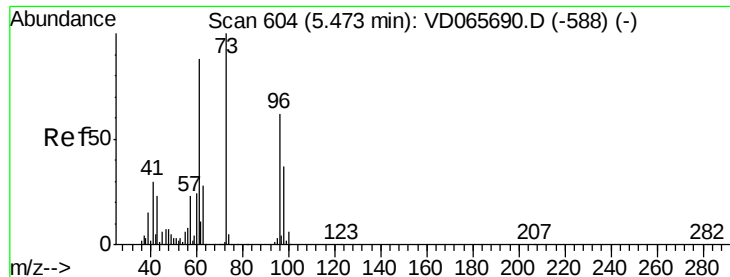
Tot Ion: 73 Resp: 42412
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2



#20
Methylene Chloride
Concen: 9.377 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 84 Resp: 50899
Ion Ratio Lower Upper
84 100
49 129.7 105.8 158.6
51 35.7 29.4 44.2
86 65.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 5.385 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

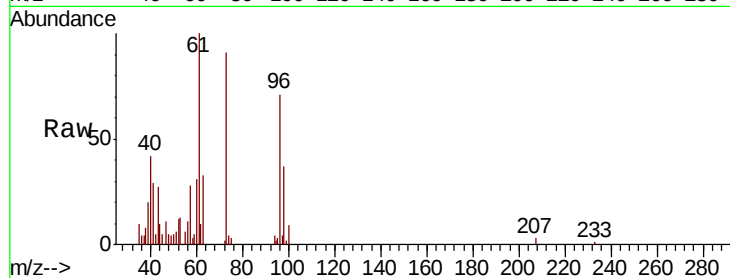
Tot Ion: 96 Resp: 25999

Ion Ratio Lower Upper

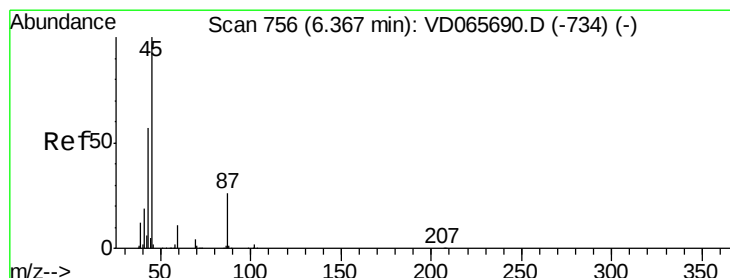
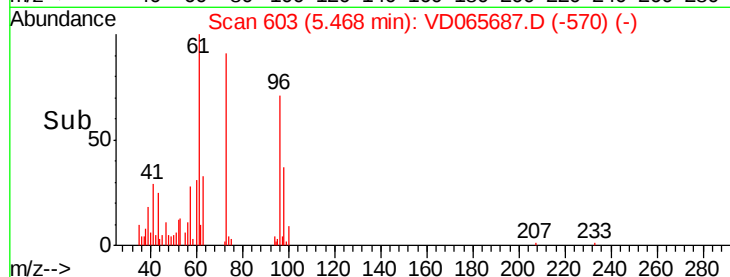
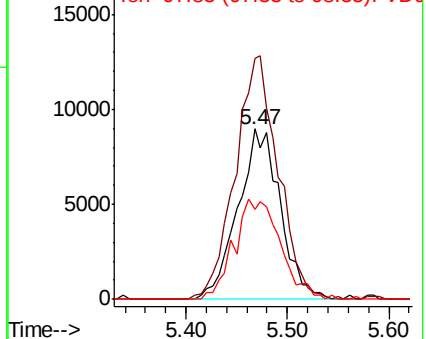
96 100

61 141.7 114.8 172.2

98 53.0 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: 4.689 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Tgt Ion: 45 Resp: 64179

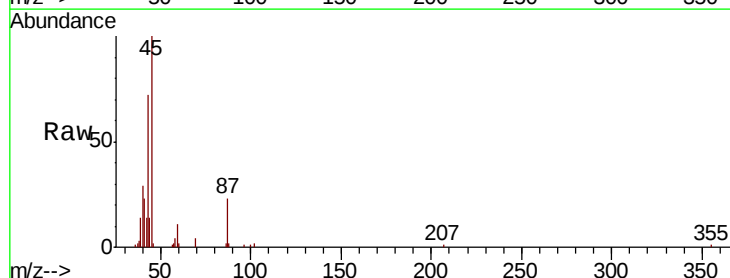
Ion Ratio Lower Upper

45 100

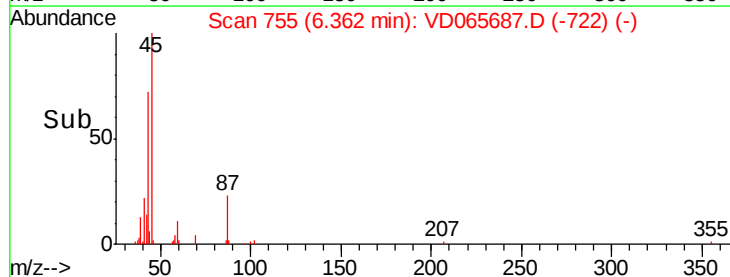
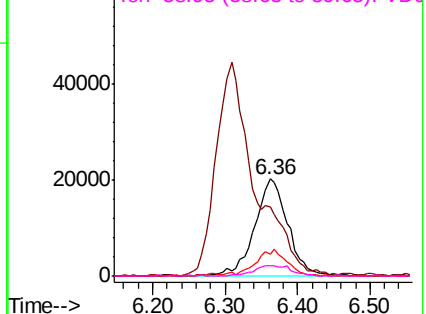
43 71.6 45.8 68.6#

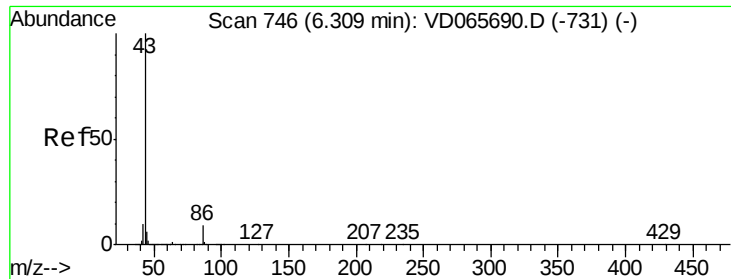
87 22.7 20.6 31.0

59 11.2 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: 23.097 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

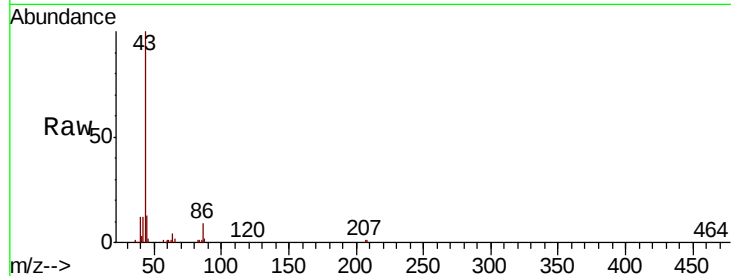
ClientSampled :

Tot Ion: 43 Resp: 167044

Ion Ratio Lower Upper

43 100

86 8.7 7.4 11.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

50000

40000

30000

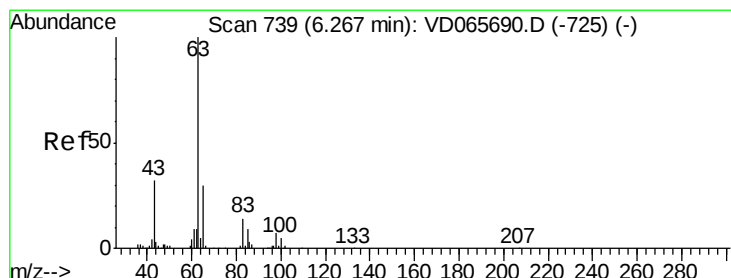
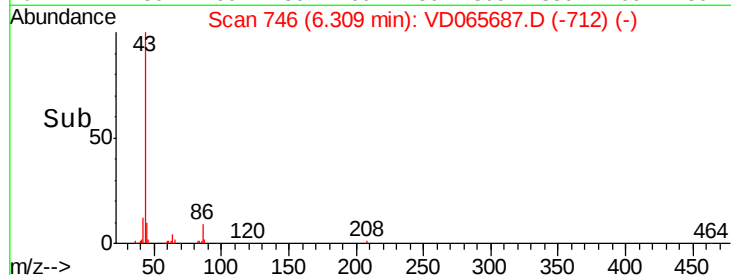
20000

10000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 5.947 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

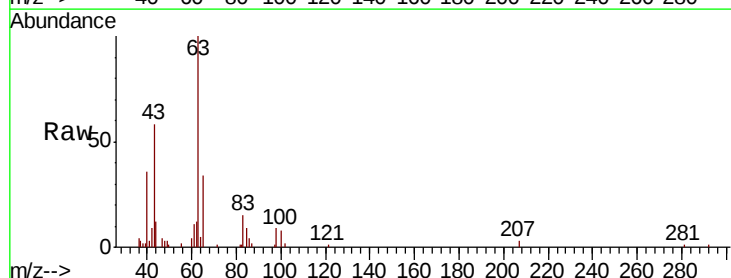
Tgt Ion: 63 Resp: 49221

Ion Ratio Lower Upper

63 100

98 8.9 3.4 10.1

100 7.8 2.3 6.9#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

20000

15000

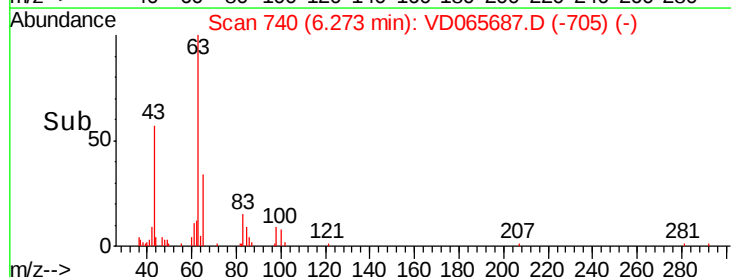
10000

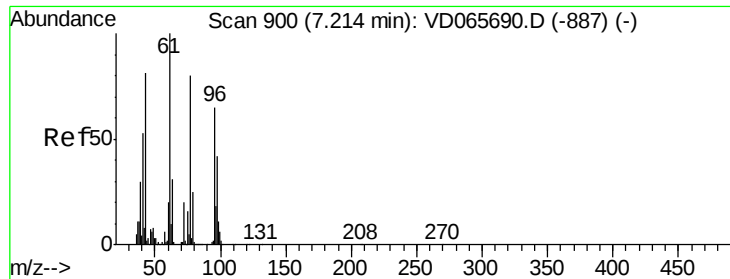
5000

0

Time-->

6.20 6.30 6.40

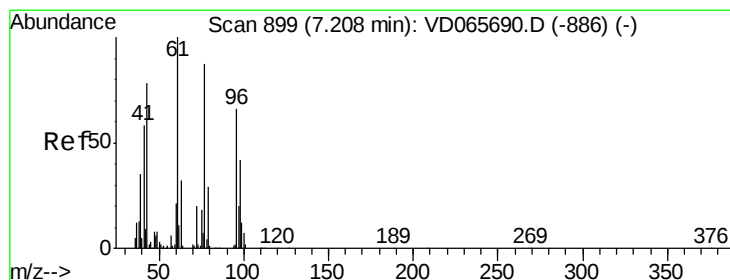
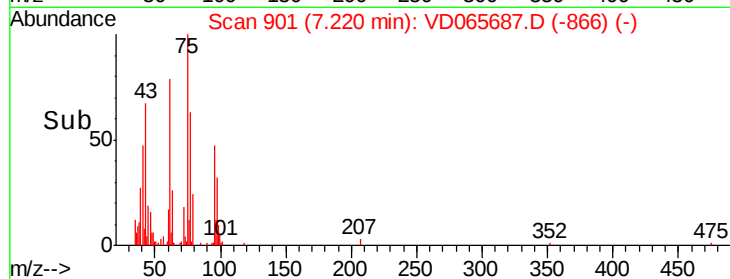
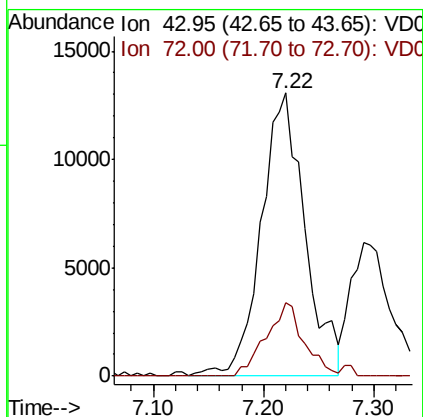
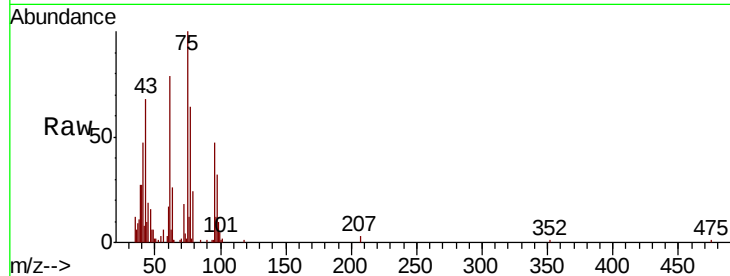




#25
2-Butanone
Concen: 30.169 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

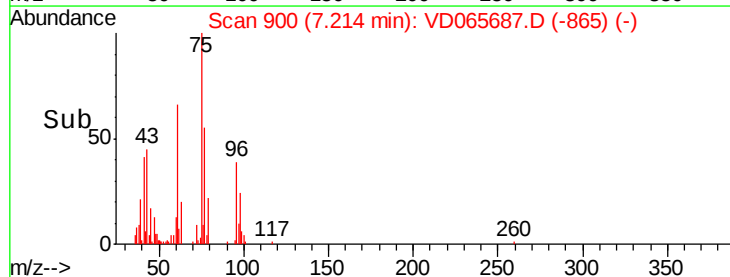
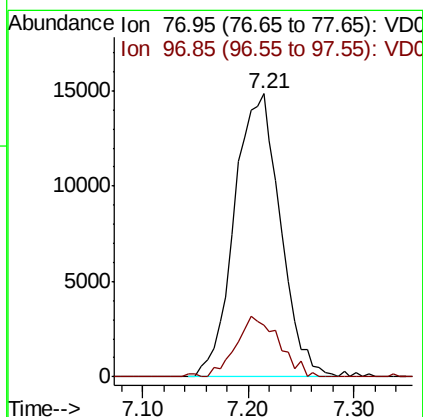
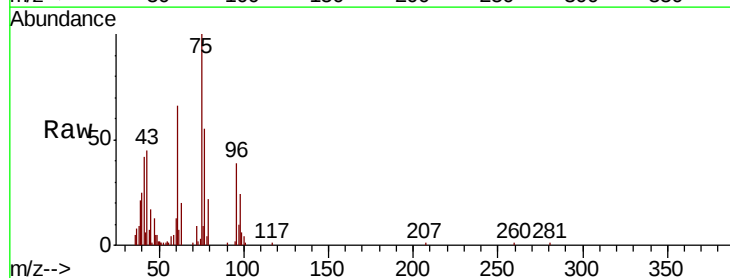
Instrument :
MSVOA_D
ClientSampled :

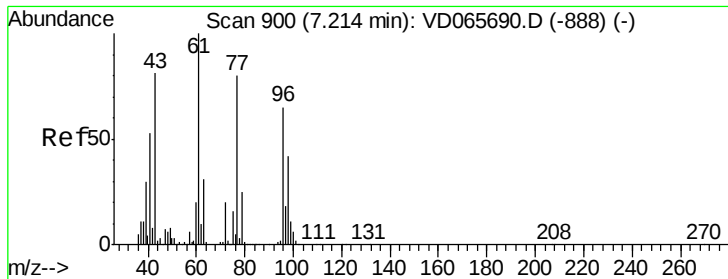
Tot Ion: 43 Resp: 36018
Ion Ratio Lower Upper
43 100
72 25.8 19.2 28.8



#26
2,2-Dichloropropane
Concen: 6.230 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 77 Resp: 44759
Ion Ratio Lower Upper
77 100
97 18.4 11.7 35.1



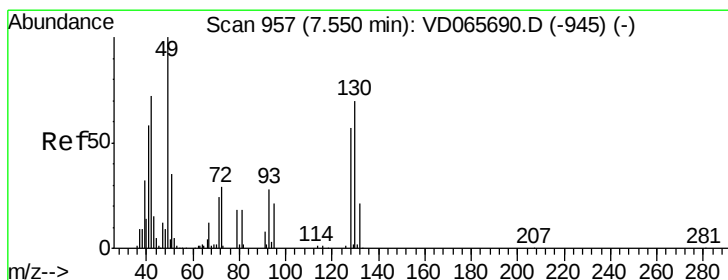
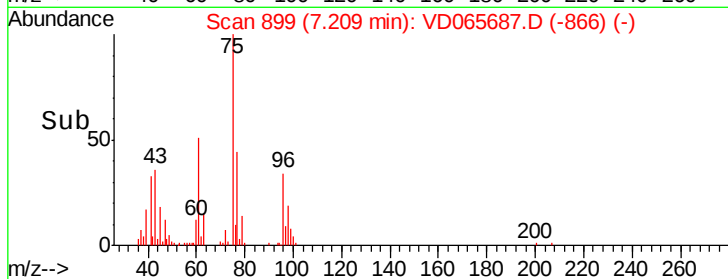
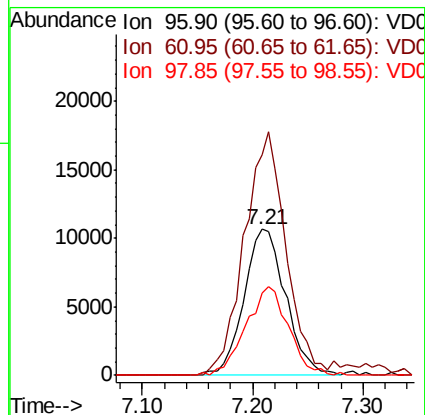
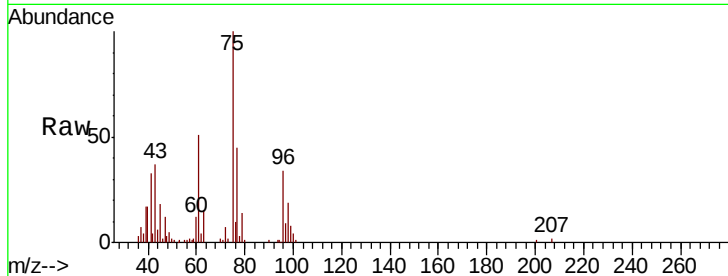


#27

cis-1,2-Dichloroethene
Concen: 5.138 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Instrument :
MSVOA_D
ClientSampleId :

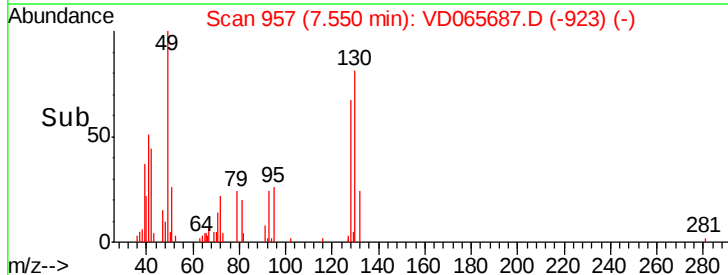
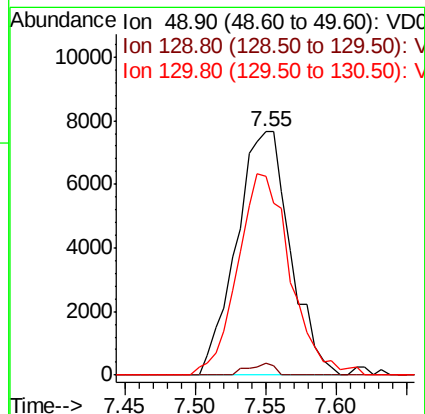
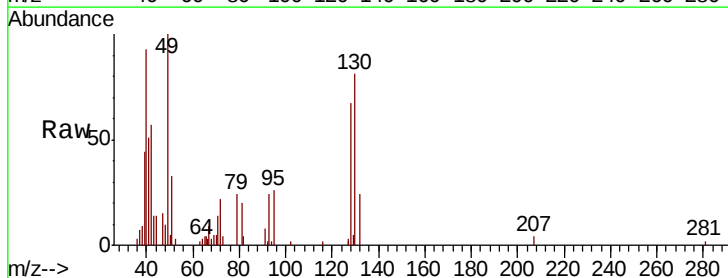
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	307.2
98	56.0	0.0	128.8

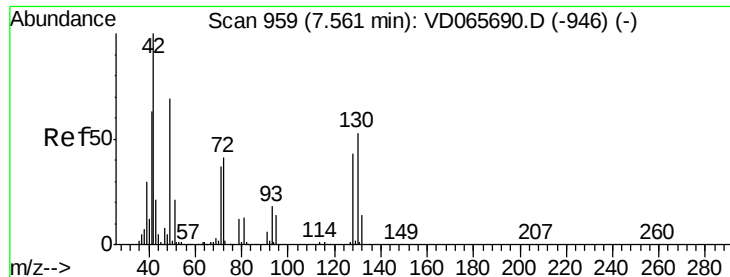


#28

Bromochloromethane
Concen: 6.390 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	4.6	0.0	4.8
130	81.4	55.8	83.6

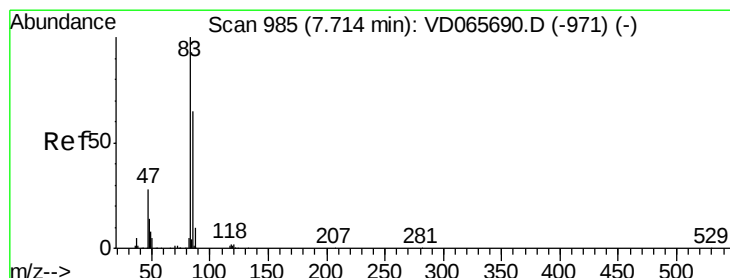
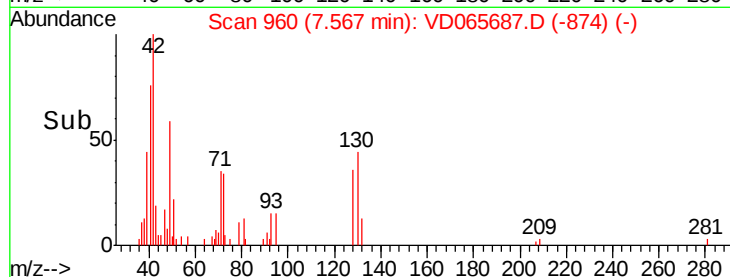
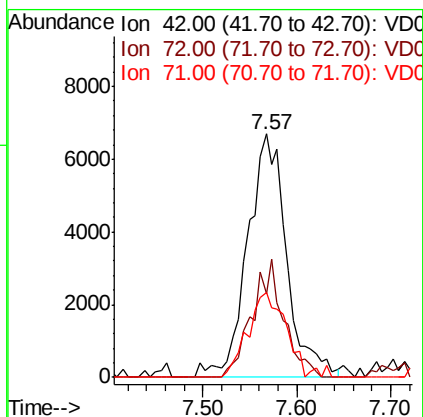
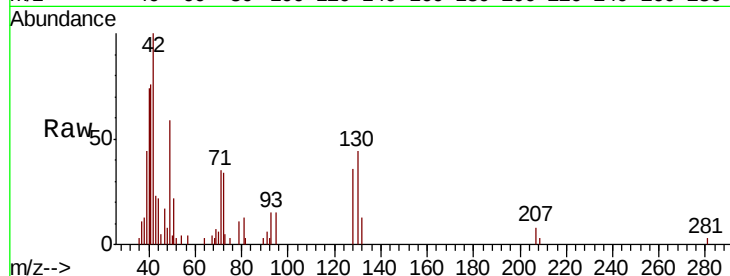




#29
Tetrahydrofuran
Concen: 31.245 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

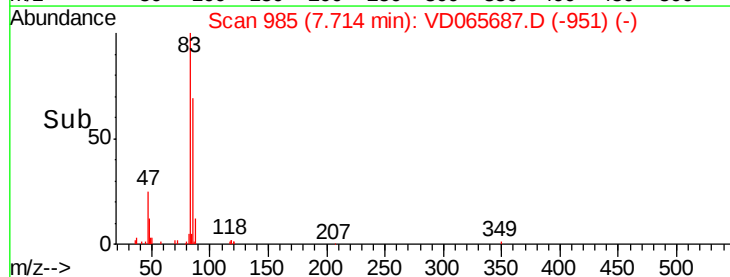
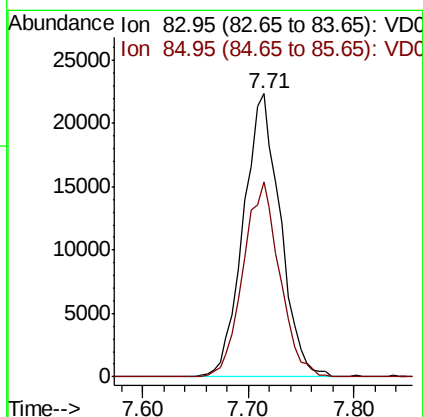
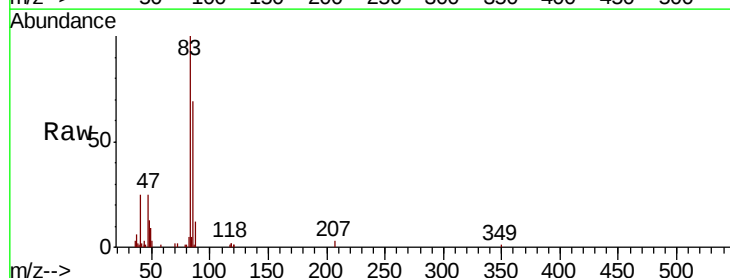
Instrument :
MSVOA_D
ClientSampleId :

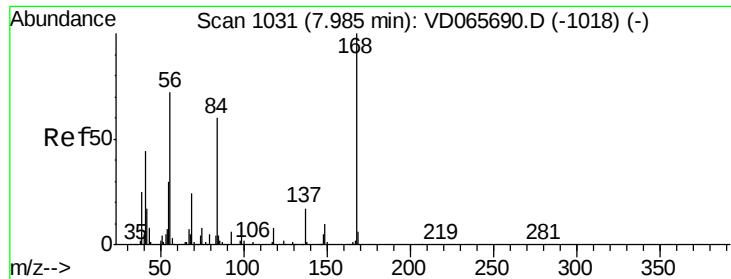
Tot Ion: 42 Resp: 19260
Ion Ratio Lower Upper
42 100
72 39.1 32.2 48.2
71 33.7 29.7 44.5



#30
Chloroform
Concen: 5.939 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 83 Resp: 54225
Ion Ratio Lower Upper
83 100
85 68.7 52.3 78.5

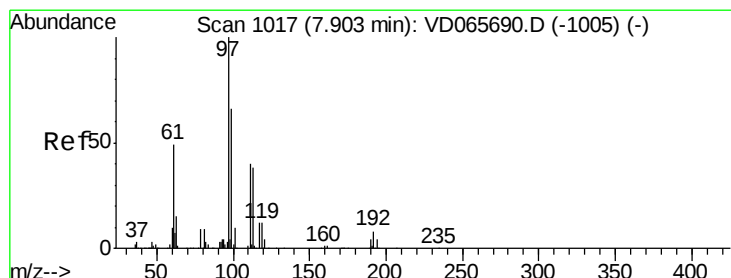
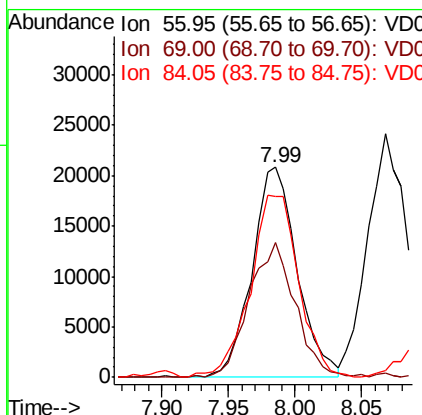
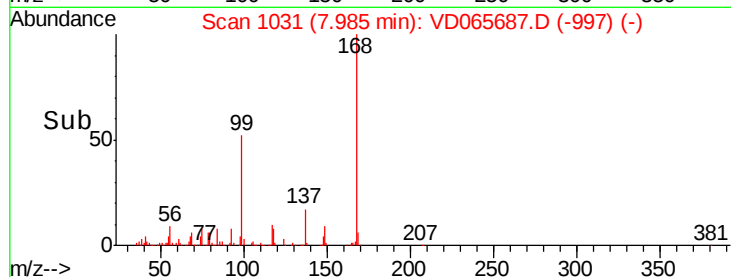
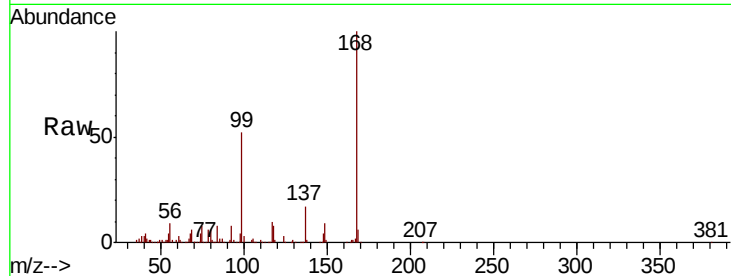




#31
Cyclohexane
Concen: 7.845 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

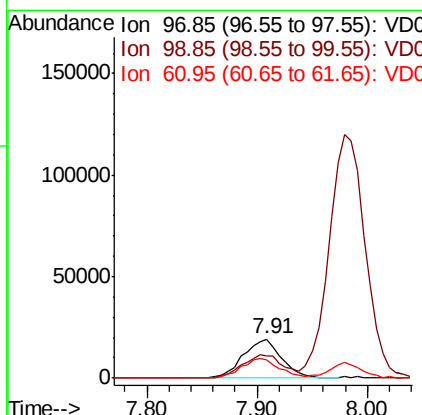
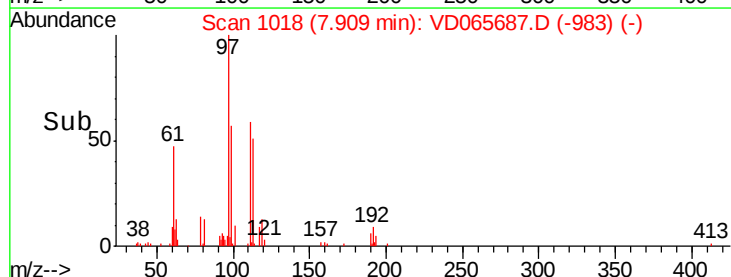
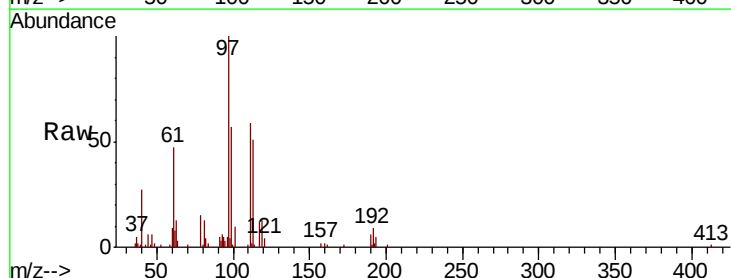
Instrument :
MSVOA_D
ClientSampleId :

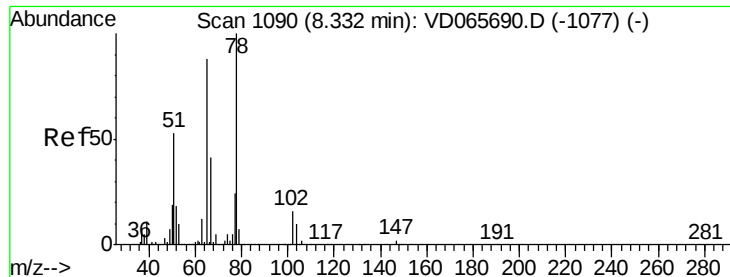
Tot Ion: 56 Resp: 48811
Ion Ratio Lower Upper
56 100
69 64.3 26.2 39.4#
84 86.0 67.8 101.8



#32
1,1,1-Trichloroethane
Concen: 5.955 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 97 Resp: 47277
Ion Ratio Lower Upper
97 100
99 56.9 52.9 79.3
61 47.0 39.0 58.4





#33

1,2-Dichloroethane-d4

Concen: 7.534 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

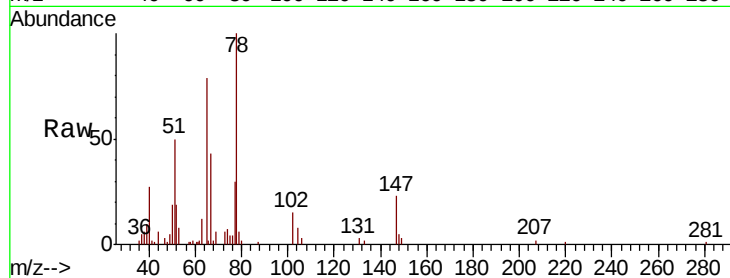
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 32418

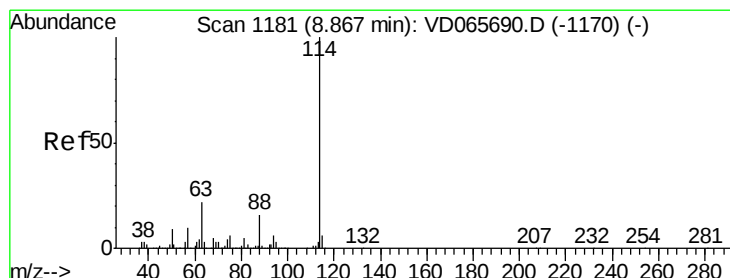
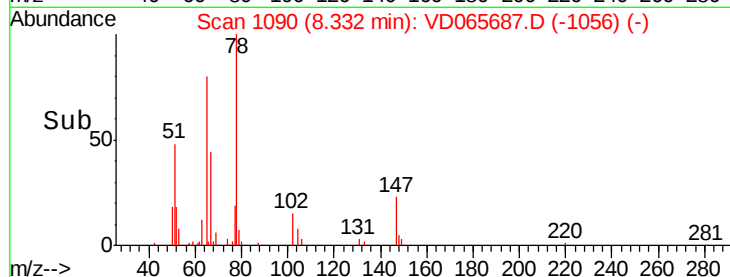
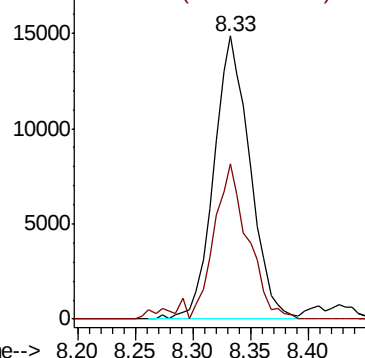
Ion Ratio Lower Upper

65 100

67 55.1 0.0 93.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

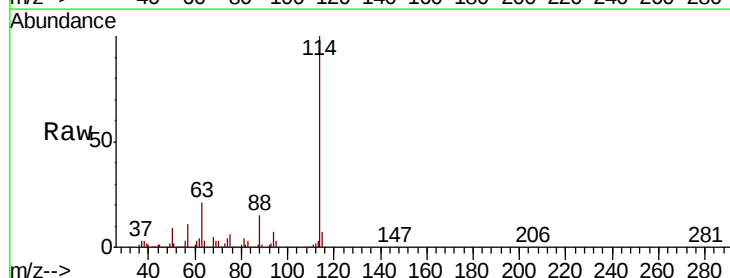
Tgt Ion:114 Resp: 785250

Ion Ratio Lower Upper

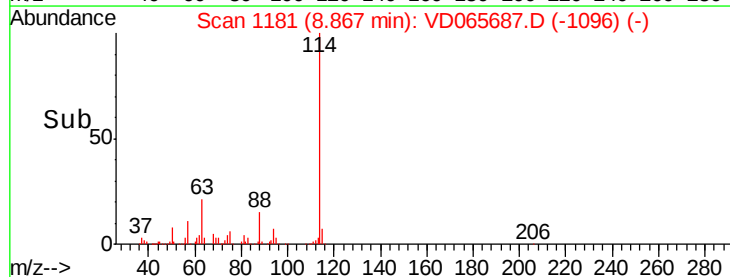
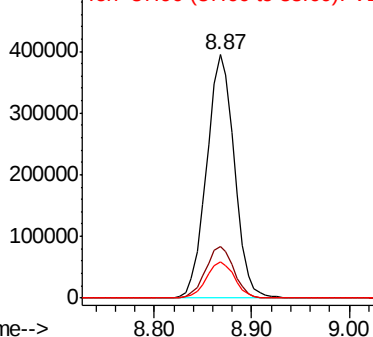
114 100

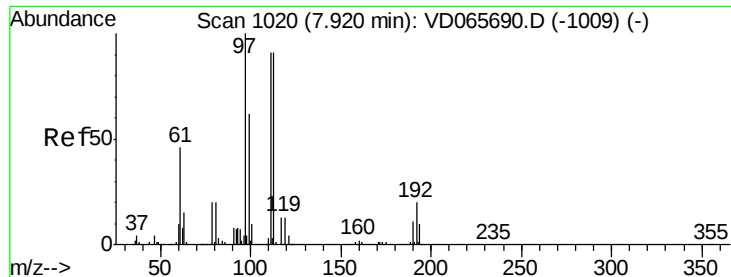
63 21.3 0.0 44.0

88 15.1 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): VDC
Ion 62.95 (62.65 to 63.65): VDC
Ion 87.90 (87.60 to 88.60): VDC

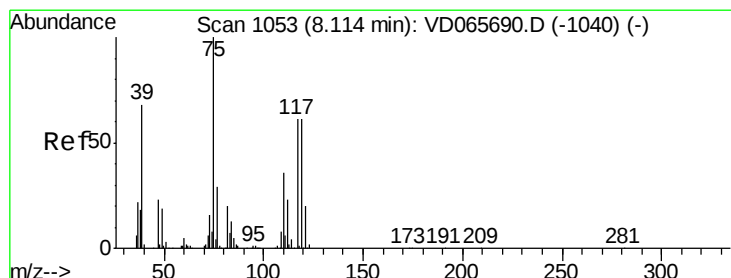
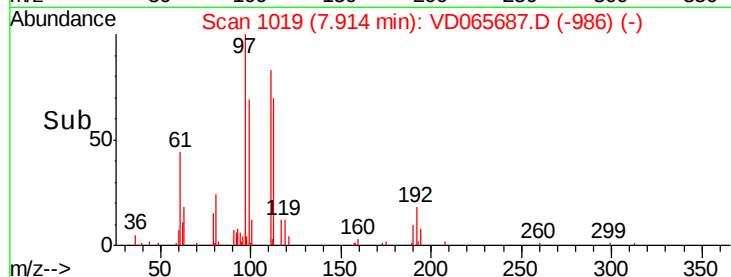
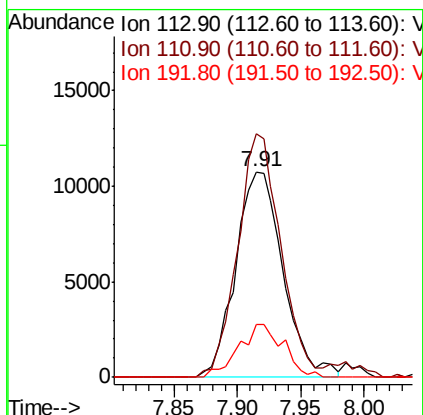
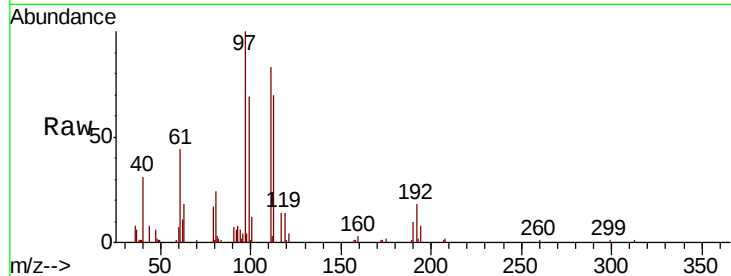




#35
Dibromofluoromethane
Concen: 5.118 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

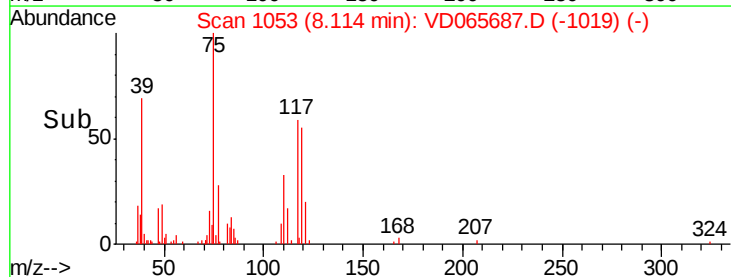
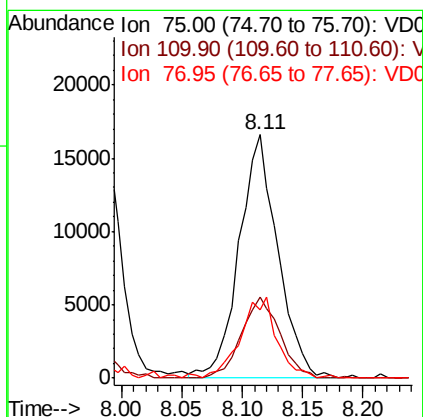
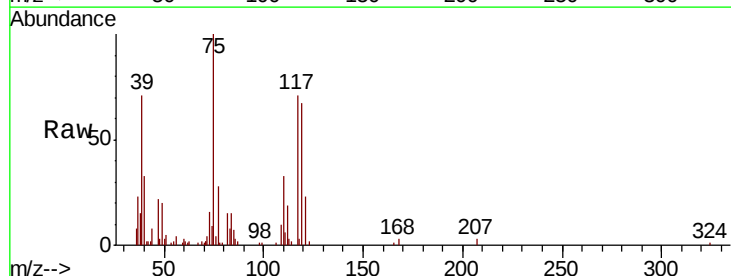
Instrument :
MSVOA_D
ClientSampleId :

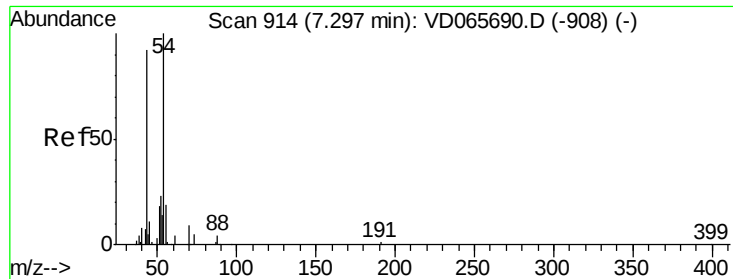
Tot Ion:113 Resp: 27966
Ion Ratio Lower Upper
113 100
111 118.3 80.2 120.4
192 26.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 5.813 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 75 Resp: 37057
Ion Ratio Lower Upper
75 100
110 33.3 18.0 54.0
77 28.3 23.5 35.3

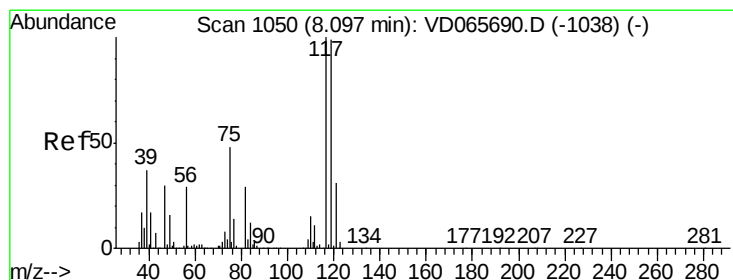
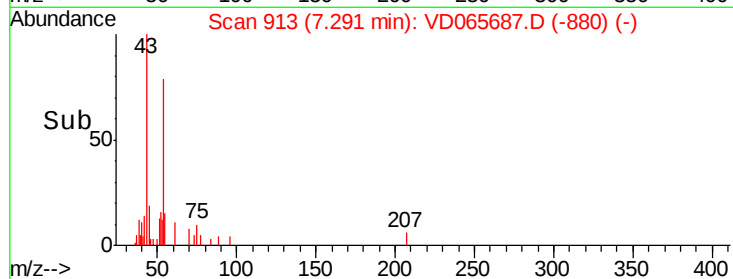
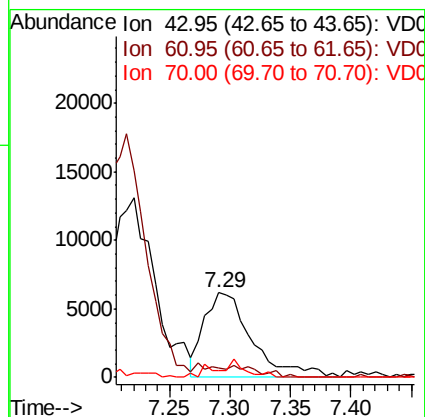
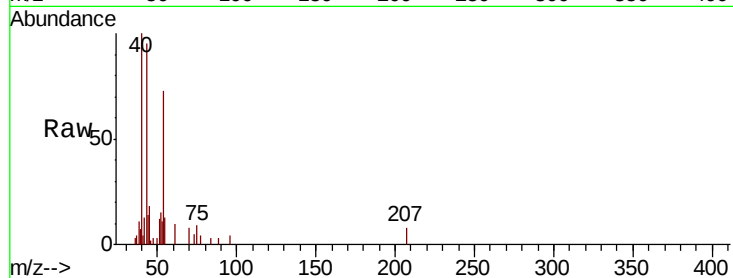




#37
Ethyl Acetate
Concen: 6.133 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

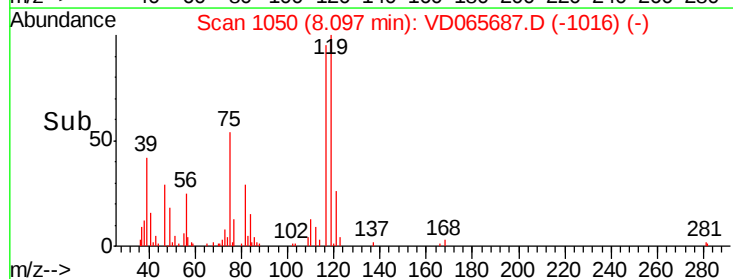
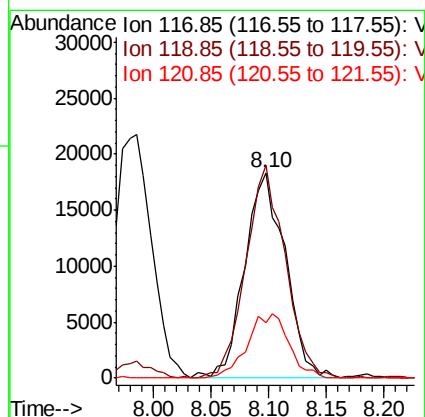
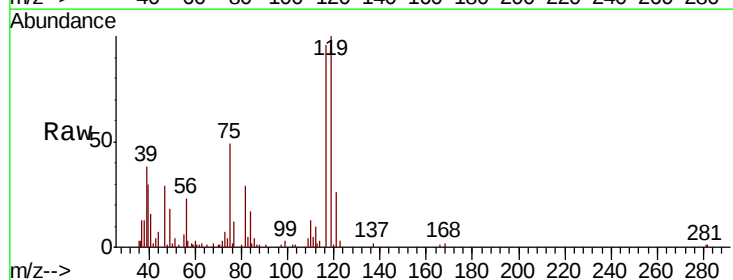
Instrument :
MSVOA_D
ClientSampleID :

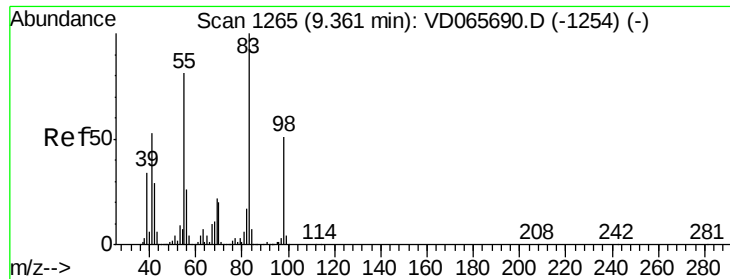
Tot Ion: 43 Resp: 17014
Ion Ratio Lower Upper
43 100
61 10.9 10.6 16.0
70 8.0 7.0 10.4



#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 117 Resp: 45012
Ion Ratio Lower Upper
117 100
119 103.7 79.0 118.6
121 27.2 24.9 37.3

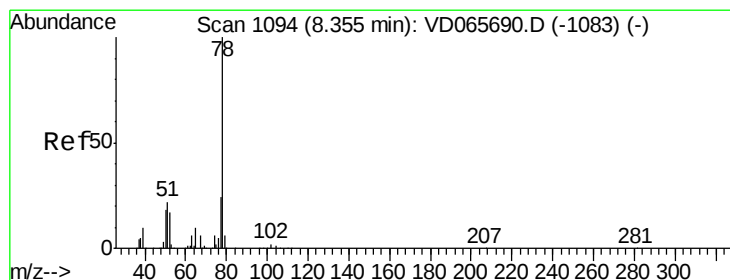
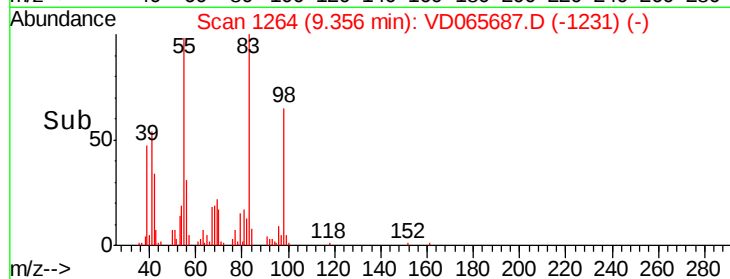
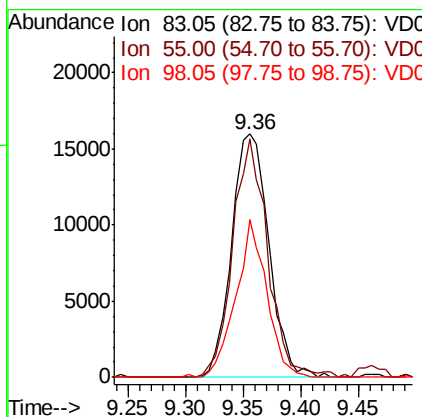
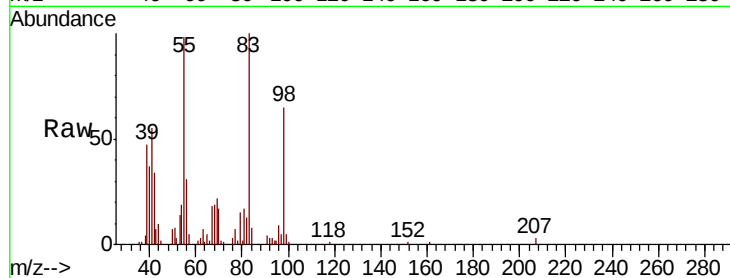




#39
Methvlcvclohexane
Concen: 5.546 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

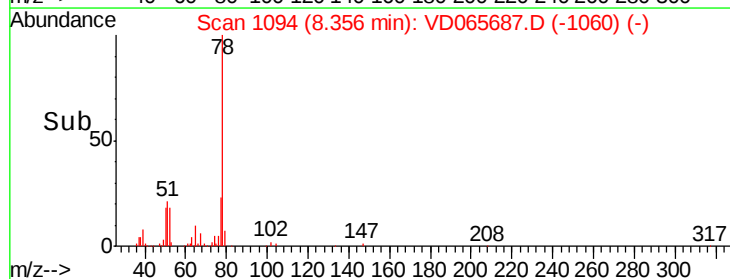
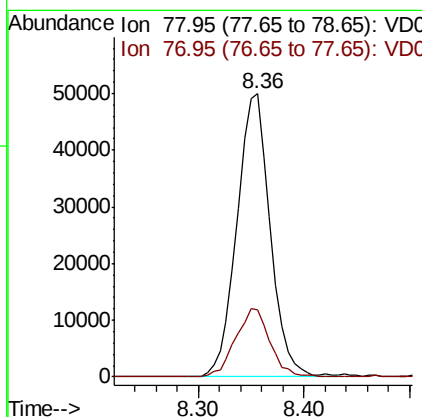
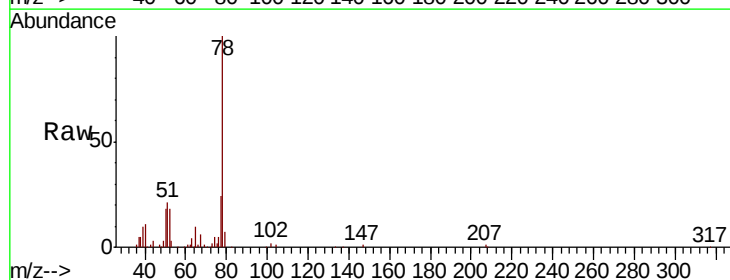
Instrument :
MSVOA_D
ClientSampleId :

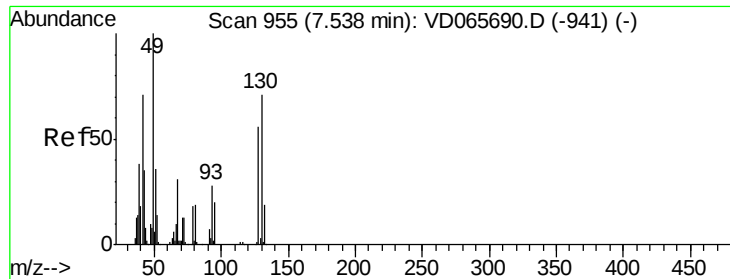
Tot Ion: 83 Resp: 35923
Ion Ratio Lower Upper
83 100
55 97.8 65.0 97.4#
98 64.9 41.2 61.8#



#40
Benzene
Concen: 6.719 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 78 Resp: 109183
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

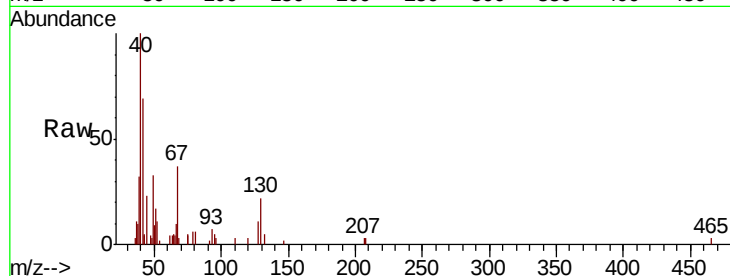




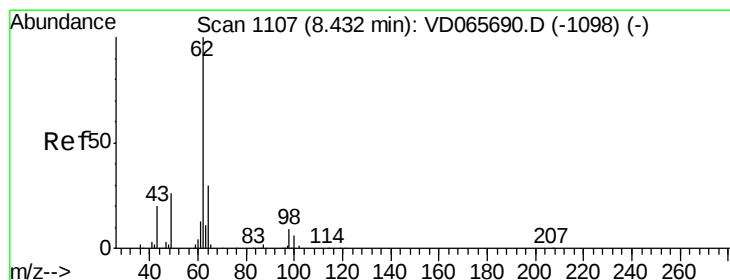
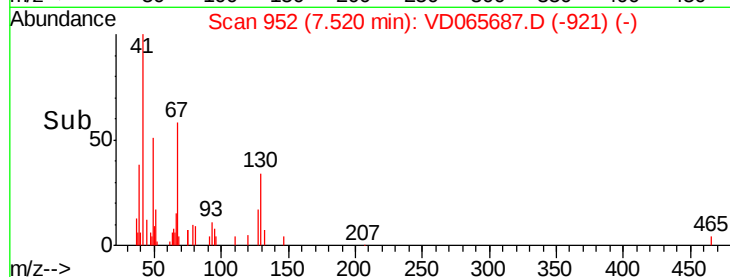
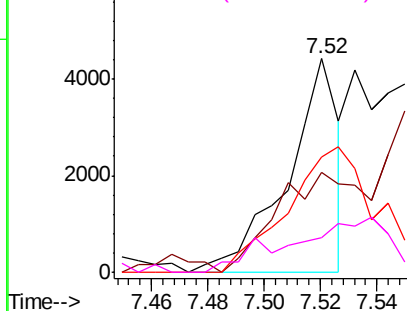
#41
Methacrylonitrile
Concen: 1.941 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	41	Resp:	5549
Ion	Ratio	Lower	Upper
41	100		
39	46.9	42.8	64.2
67	54.2	34.8	52.2#
52	15.9	15.5	23.3

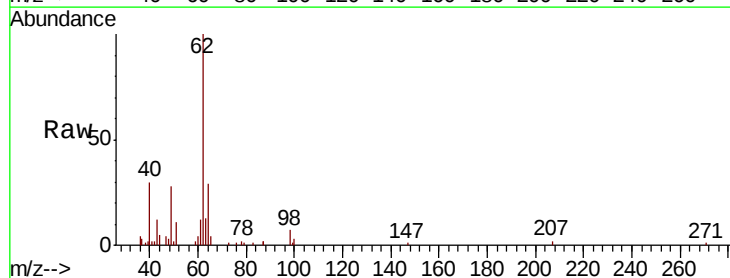


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

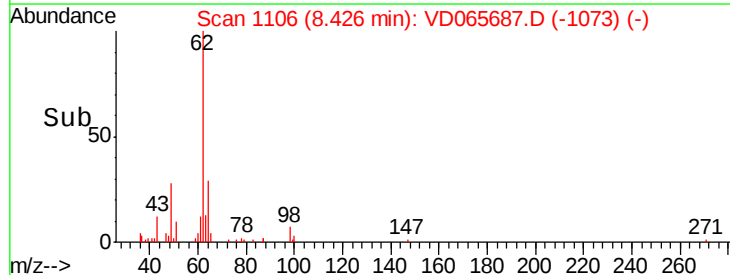
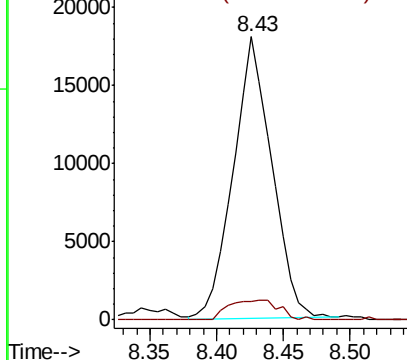


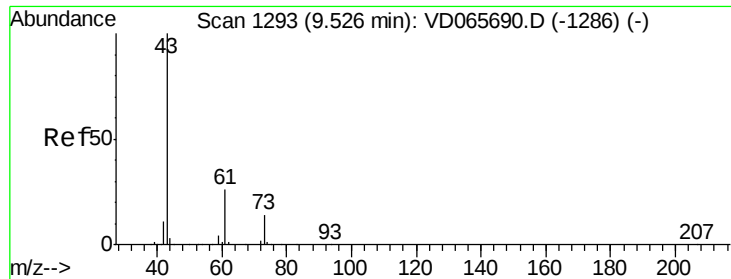
#42
1,2-Dichloroethane
Concen: 6.612 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion:	62	Resp:	36179
Ion	Ratio	Lower	Upper
62	100		
98	6.7	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: 5.642 ug/l

RT: 9.52 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

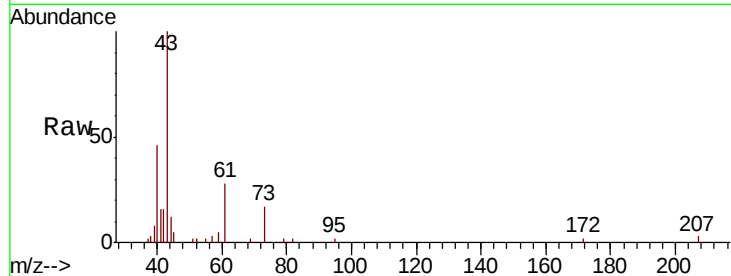
Tot Ion: 43 Resp: 22285

Ion Ratio Lower Upper

43 100

61 27.9 20.5 30.7

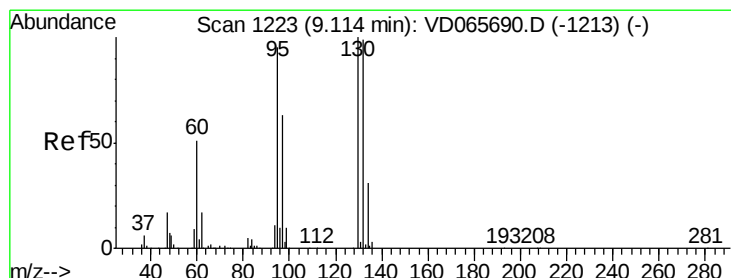
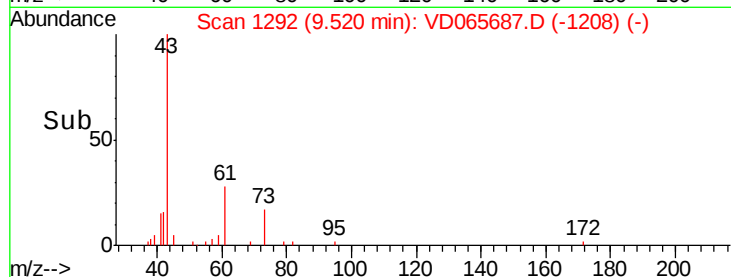
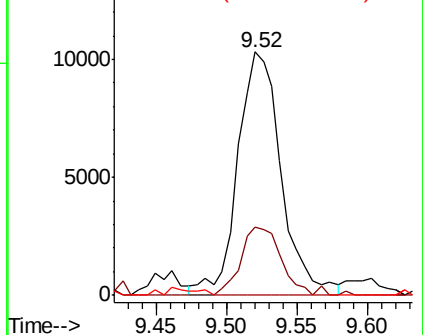
87 0.0 0.3 0.5#



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: 5.450 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065687.D

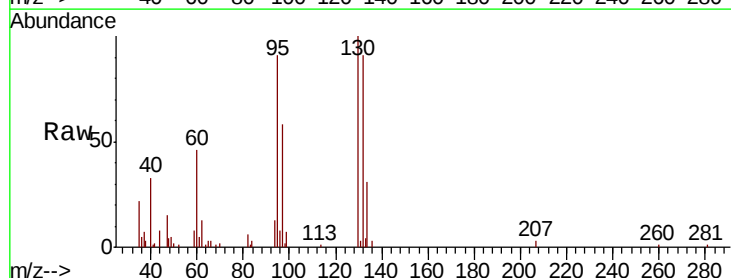
Acq: 01 May 2020 17:52

Tgt Ion:130 Resp: 31955

Ion Ratio Lower Upper

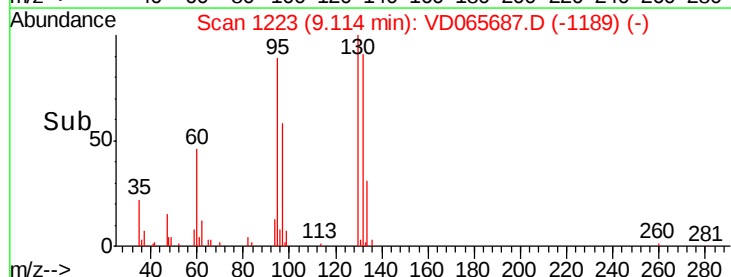
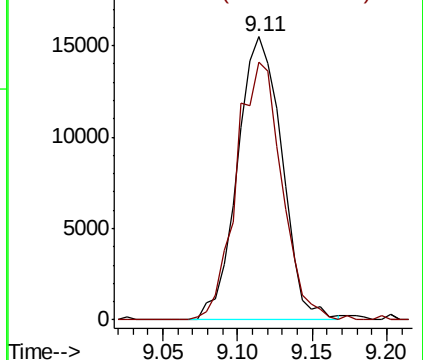
130 100

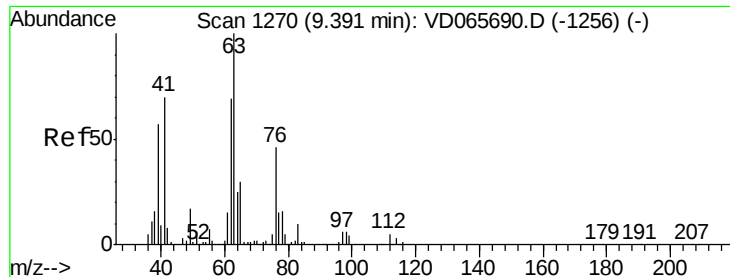
95 91.1 0.0 190.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 6.368 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

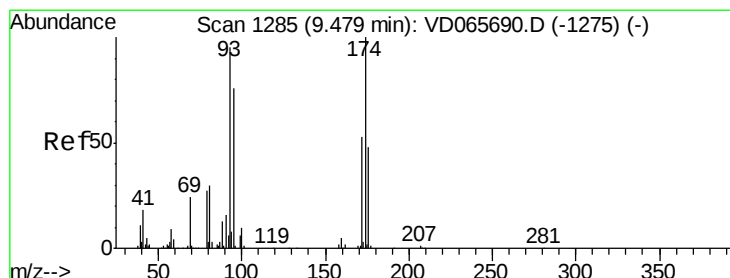
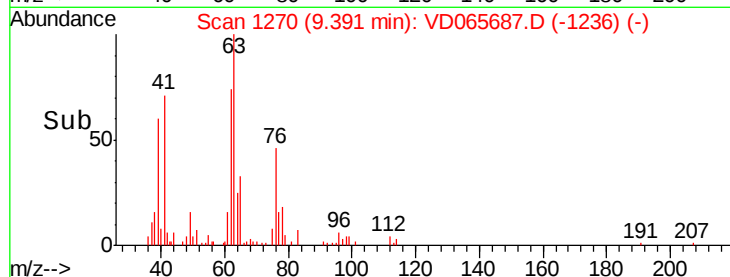
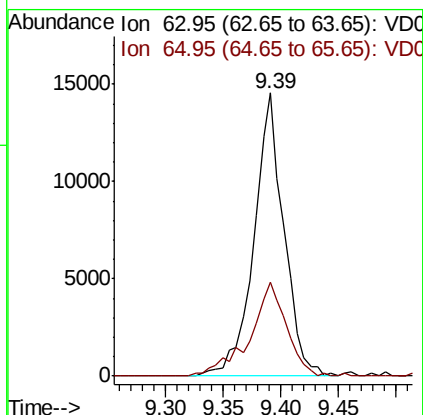
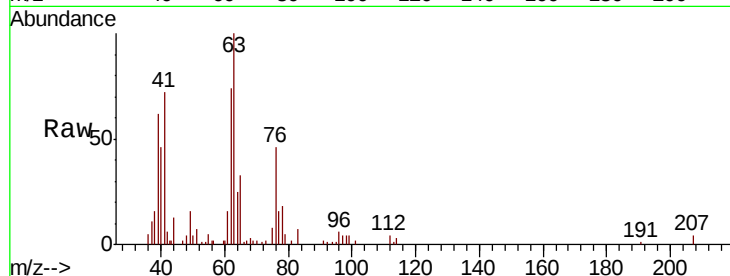
ClientSampleId :

Tot Ion: 63 Resp: 26321

Ion Ratio Lower Upper

63 100

65 33.4 23.8 35.8



#46

Dibromomethane

Concen: 5.601 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

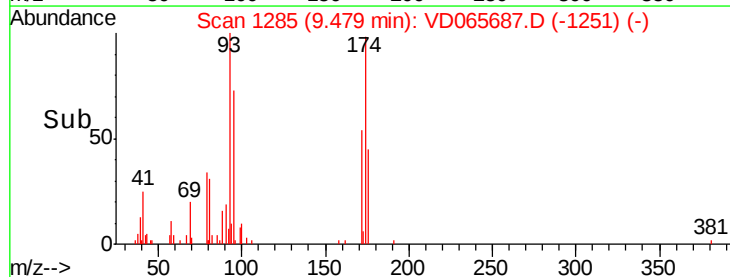
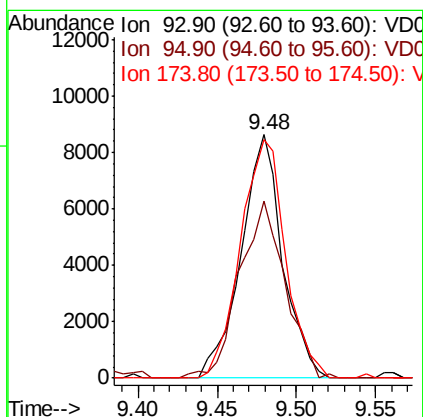
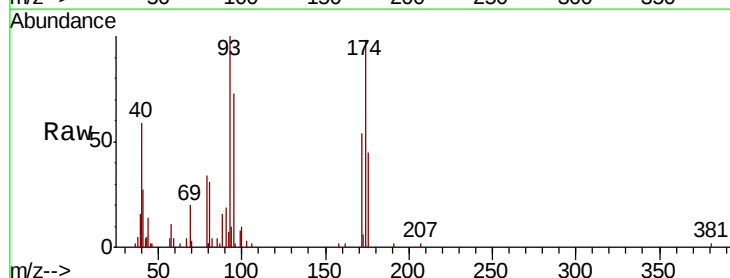
Tgt Ion: 93 Resp: 15677

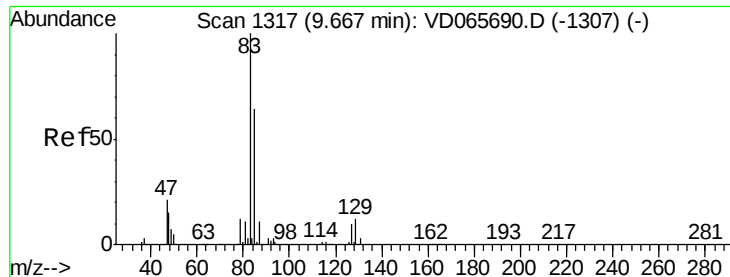
Ion Ratio Lower Upper

93 100

95 72.8 63.9 95.9

174 98.0 84.3 126.5





#47

Bromodichloromethane

Concen: 6.329 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

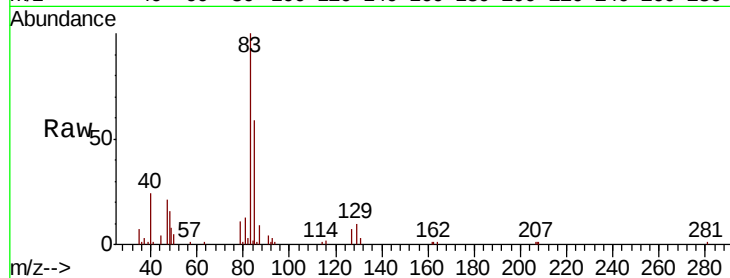
Tot Ion: 83 Resp: 43030

Ion Ratio Lower Upper

83 100

85 59.4 51.6 77.4

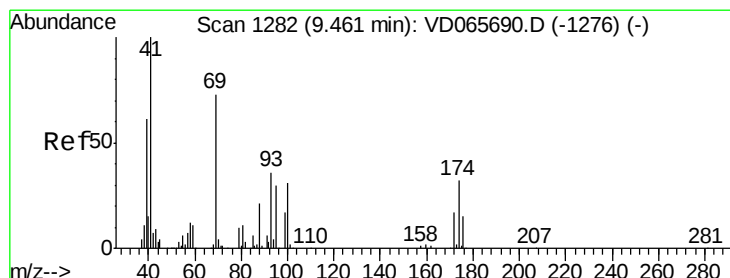
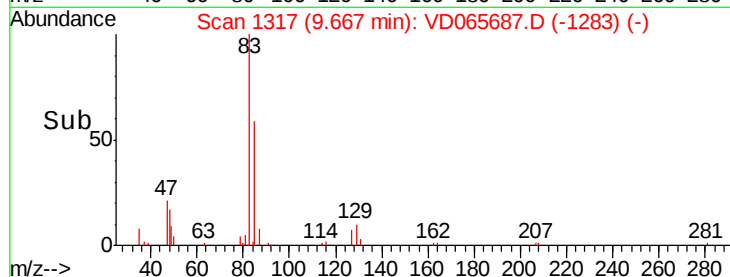
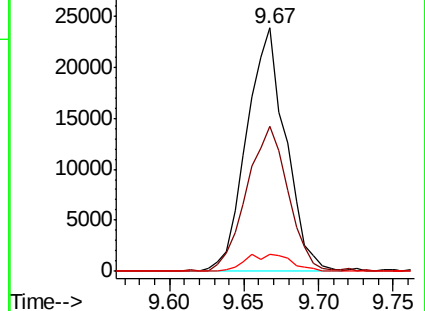
127 6.8 7.8 11.6#



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: 4.924 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

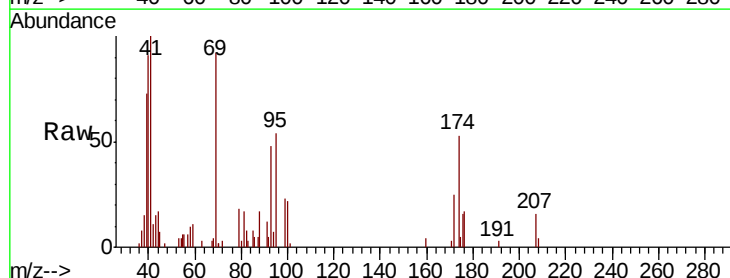
Tgt Ion: 41 Resp: 11754

Ion Ratio Lower Upper

41 100

69 91.6 54.9 82.3#

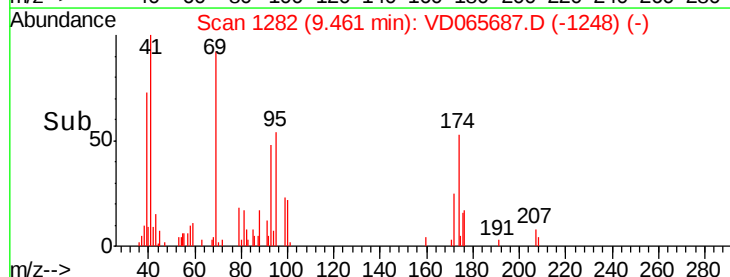
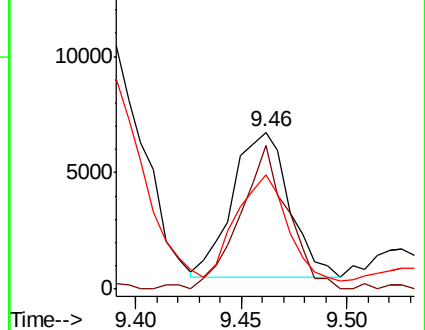
39 72.6 49.7 74.5

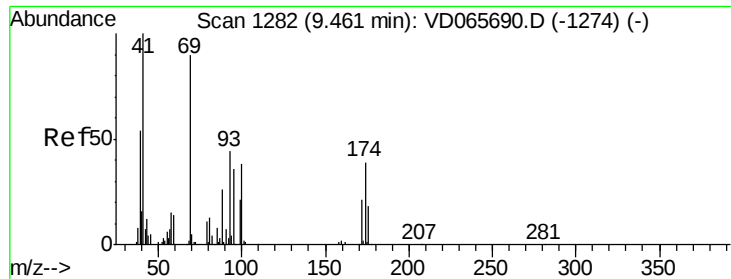


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 141.341 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.02 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :
MSVOA_D
ClientSampleId :

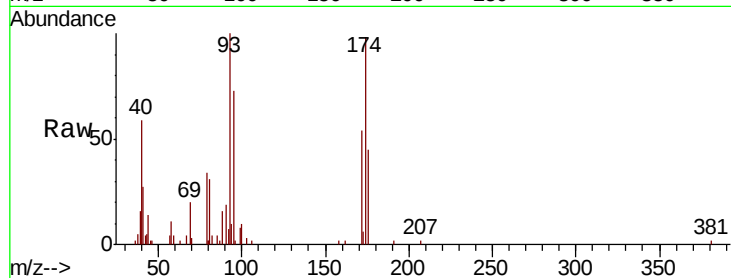
Tot Ion: 88 Resp: 3554

Ion Ratio Lower Upper

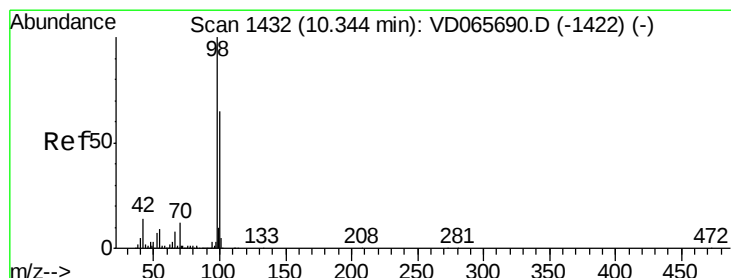
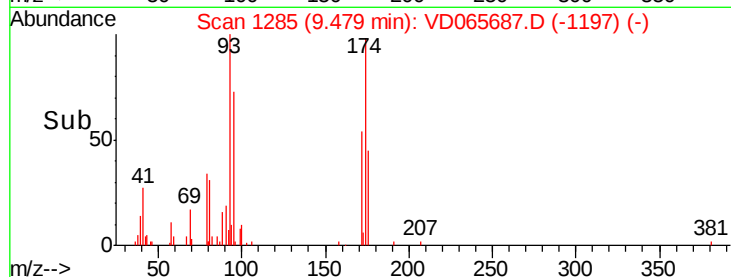
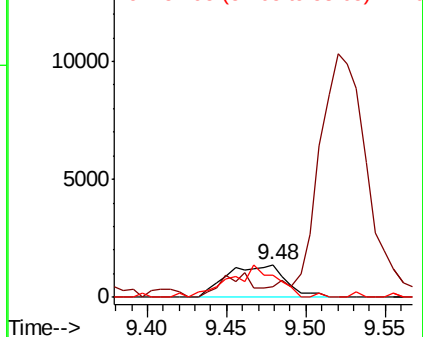
88 100

43 34.2 36.7 55.1#

58 68.5 47.0 70.4



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 6.500 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD065687.D

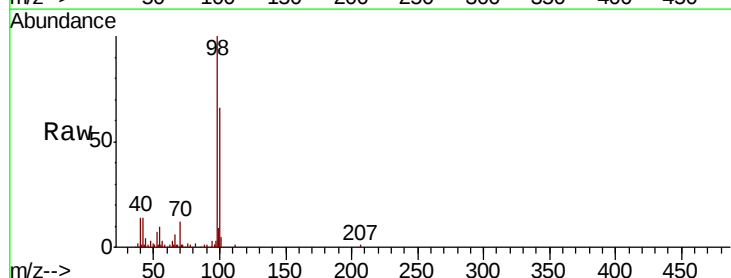
Acq: 01 May 2020 17:52

Tgt Ion: 98 Resp: 92919

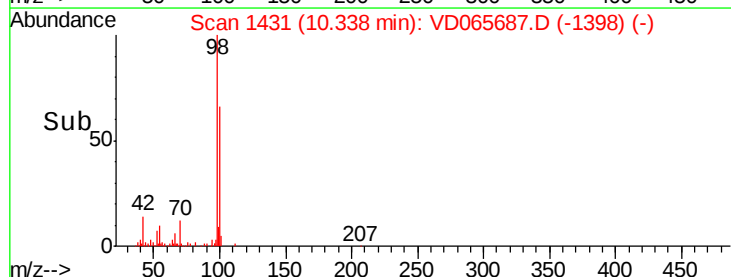
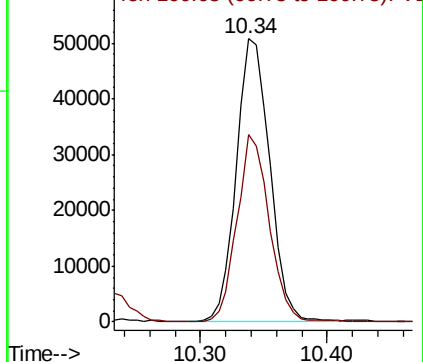
Ion Ratio Lower Upper

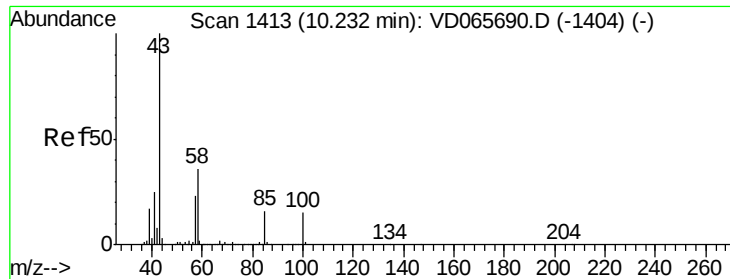
98 100

100 66.0 51.9 77.9



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 27.584 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

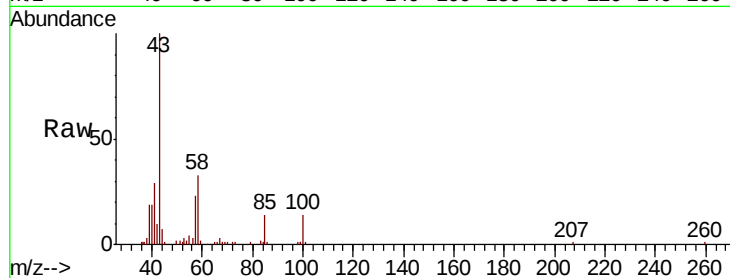
ClientSampleId :

Tot Ion: 43 Resp: 69273

Ion Ratio Lower Upper

43 100

58 33.2 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

40000

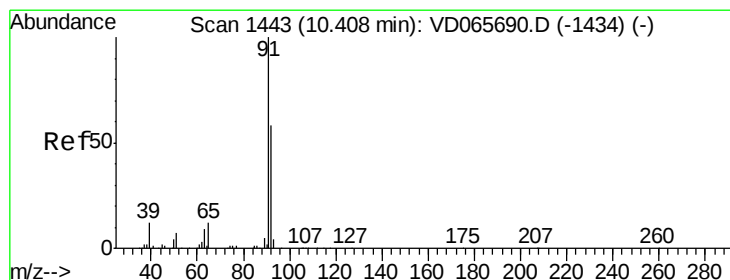
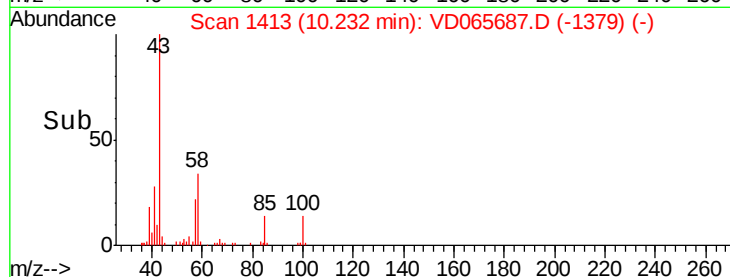
30000

20000

10000

0

Time-->



#52

Toluene

Concen: 5.800 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD065687.D

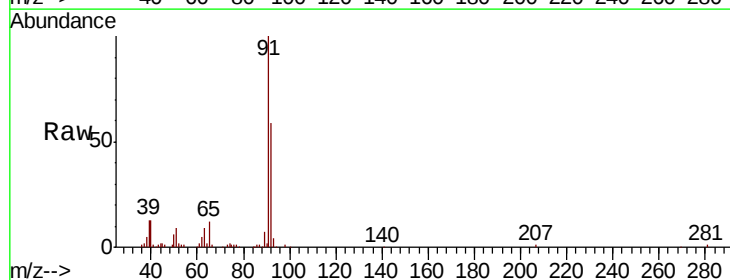
Acq: 01 May 2020 17:52

Tgt Ion: 92 Resp: 60905

Ion Ratio Lower Upper

92 100

91 170.4 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

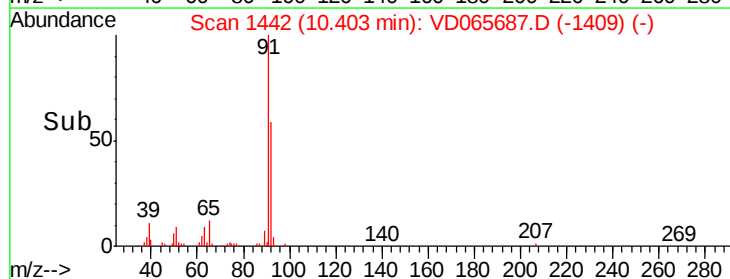
60000

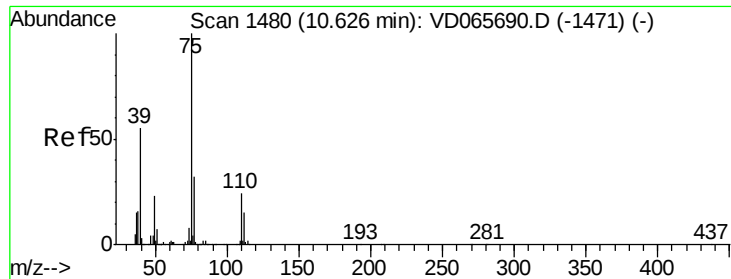
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 5.538 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

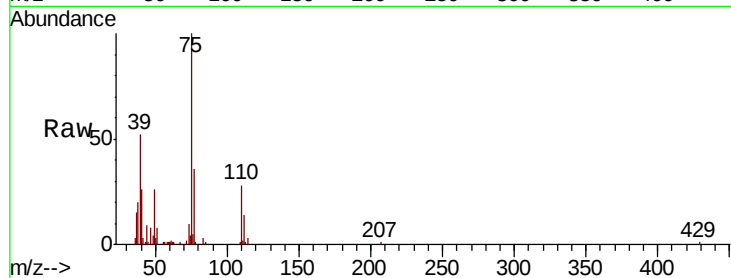
ClientSampleId :

Tot Ion: 75 Resp: 31768

Ion Ratio Lower Upper

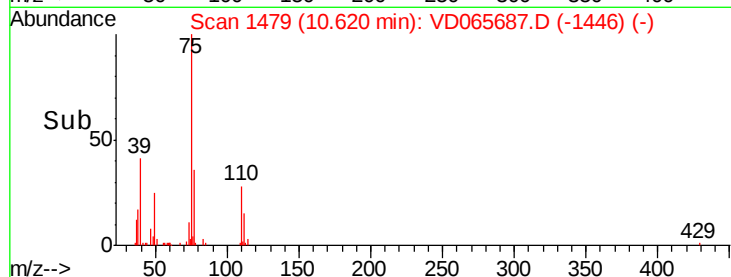
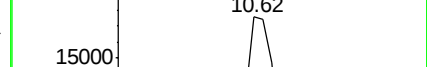
75 100

77 35.6 25.4 38.2

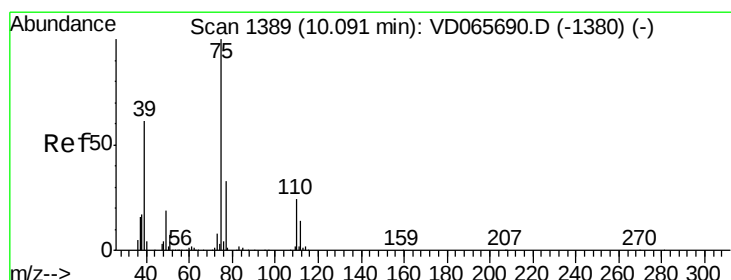


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.454 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

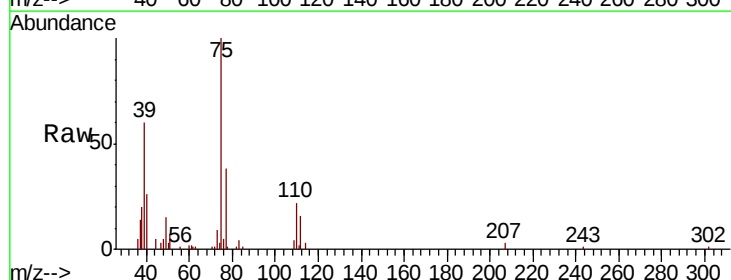
Tgt Ion: 75 Resp: 38079

Ion Ratio Lower Upper

75 100

77 38.1 26.6 40.0

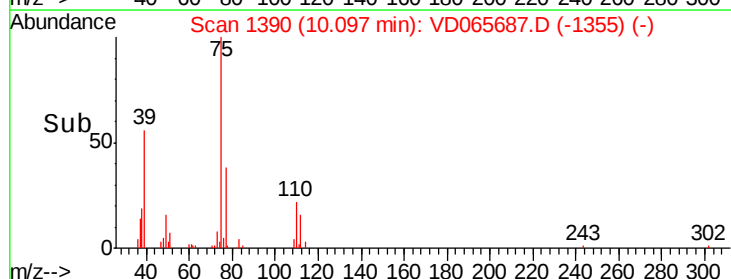
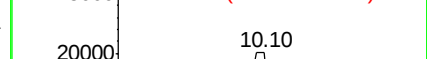
39 59.9 48.8 73.2



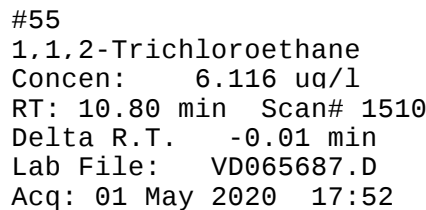
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

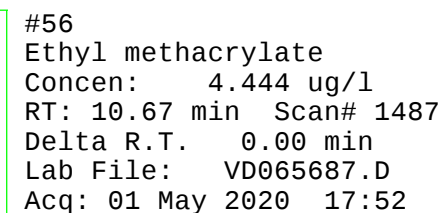
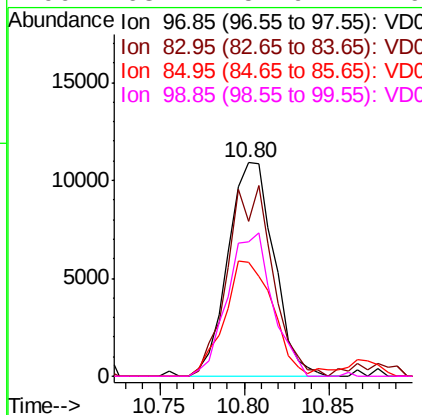


Time-->

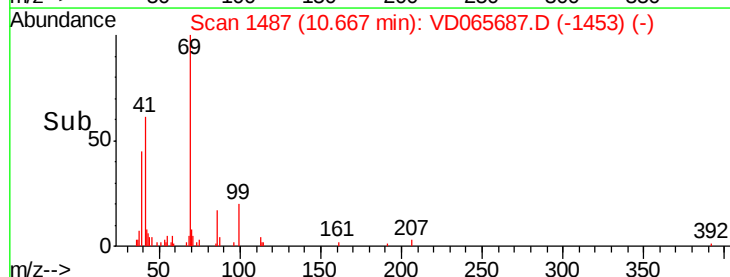
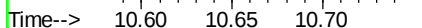
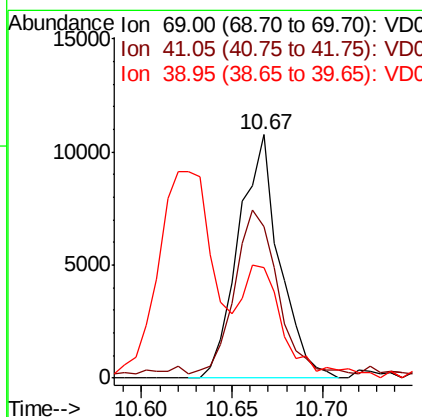


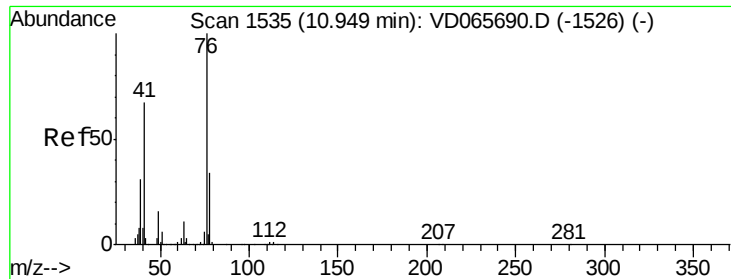
Instrument :
MSVOA_D
ClientSampleId :

Tat	Ion: 97	Resp:	20700
Ion	Ratio	Lower	Upper
97	100		
83	72.3	66.7	100.1
85	53.4	45.0	67.4
99	63.2	51.9	77.9



Tgt	Ion: 69	Resp:	16875
Ion	Ratio	Lower	Upper
69	100		
41	62.1	61.4	92.0
39	45.5	36.6	54.8





#57

1,3-Dichloropropane

Concen: 6.367 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

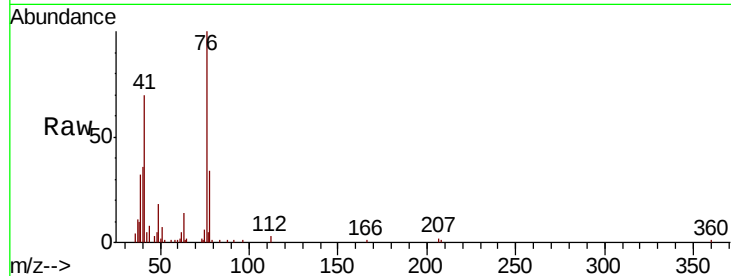
ClientSampleId :

Tot Ion: 76 Resp: 34187

Ion Ratio Lower Upper

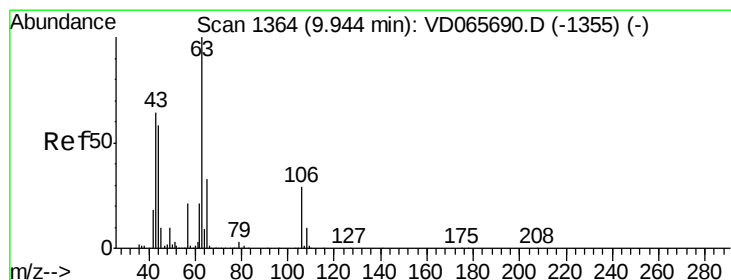
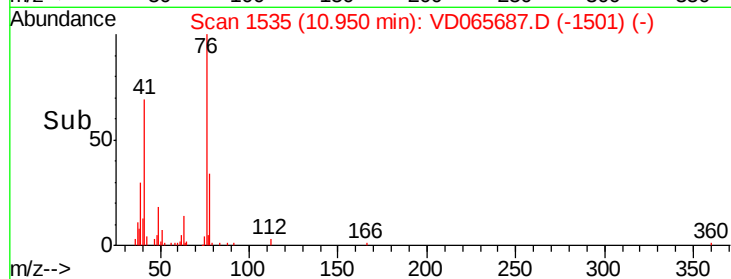
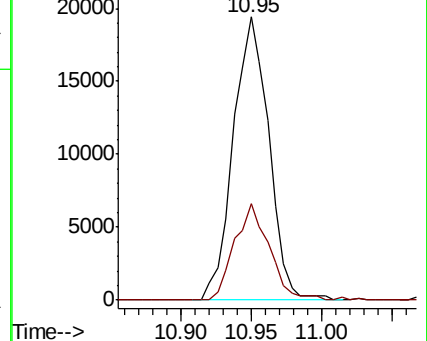
76 100

78 33.9 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: 26.885 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065687.D

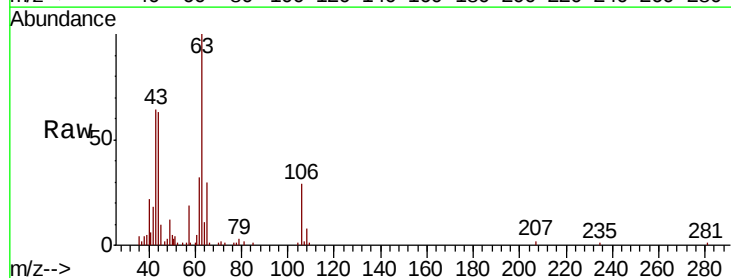
Acq: 01 May 2020 17:52

Tgt Ion: 63 Resp: 46885

Ion Ratio Lower Upper

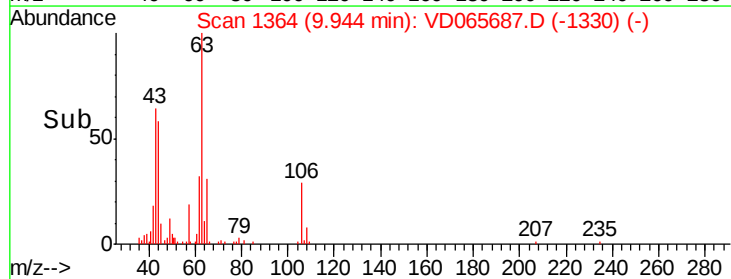
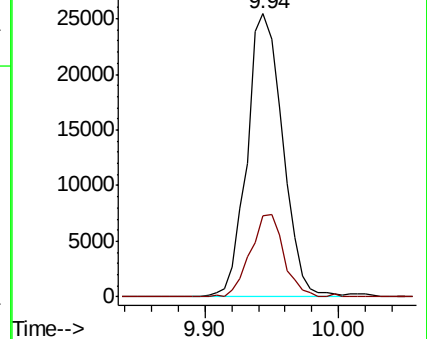
63 100

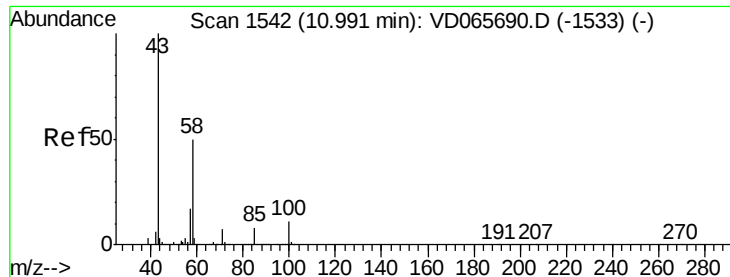
106 28.7 23.4 35.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

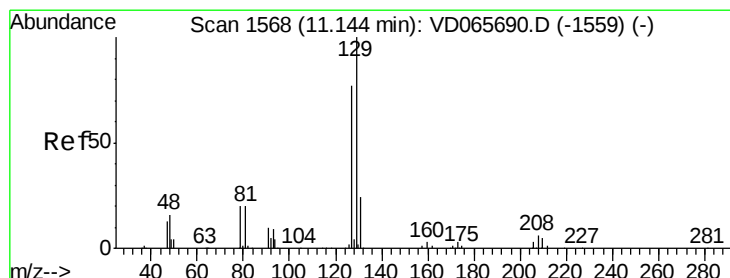
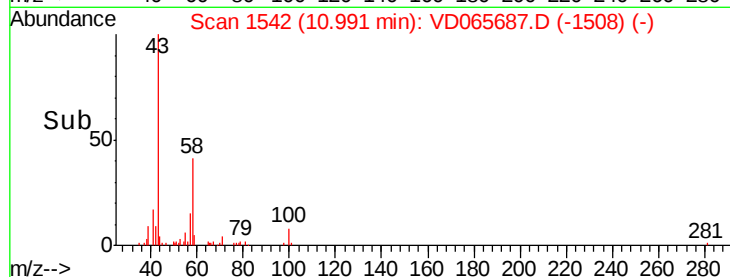
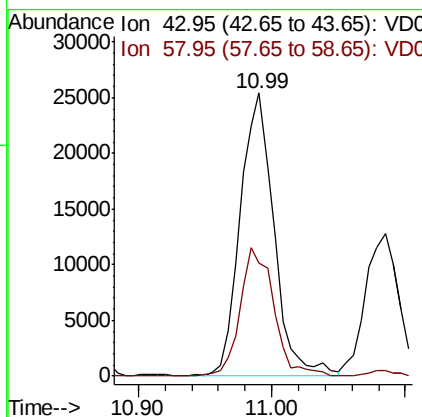
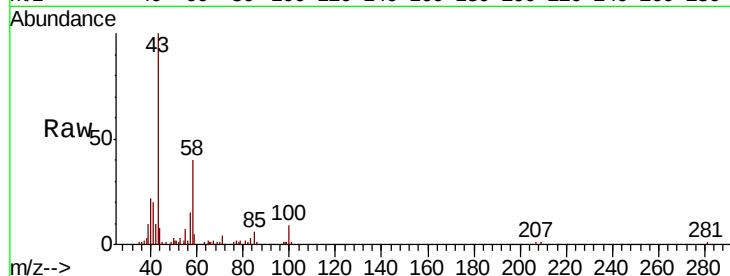




#59
2-Hexanone
Concen: 24.139 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

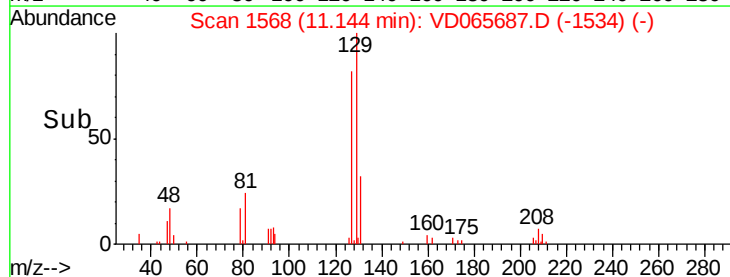
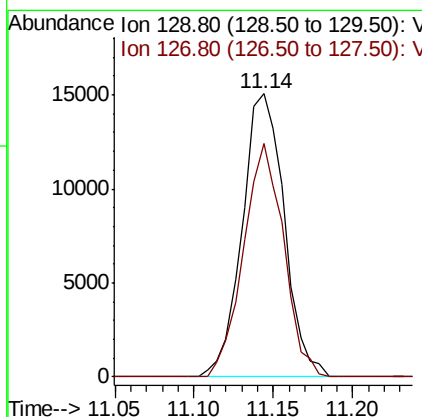
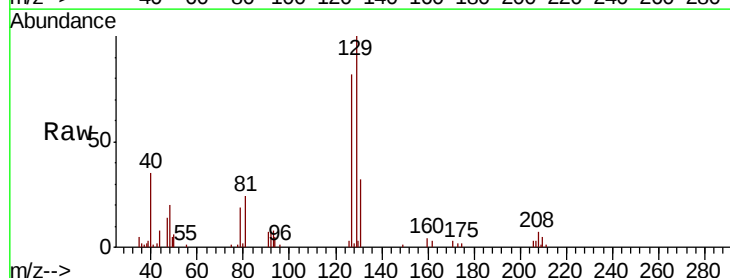
Instrument :
MSVOA_D
ClientSampleID :

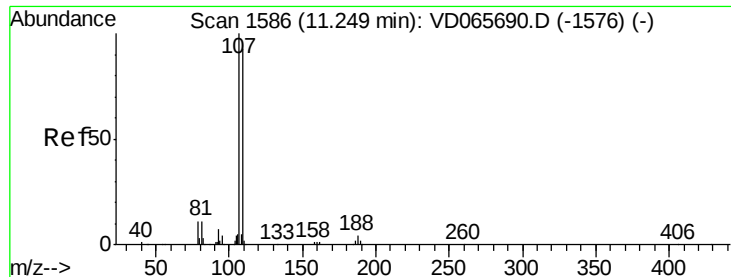
Tot Ion: 43 Resp: 44479
Ion Ratio Lower Upper
43 100
58 39.9 24.8 74.4



#60
Dibromochloromethane
Concen: 5.165 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 129 Resp: 27815
Ion Ratio Lower Upper
129 100
127 82.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 4.697 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

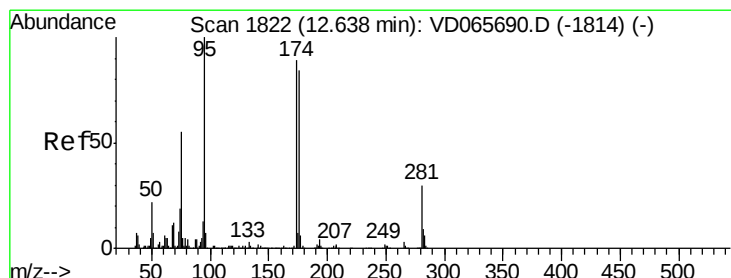
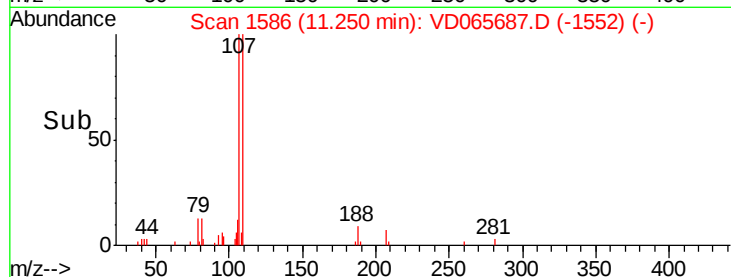
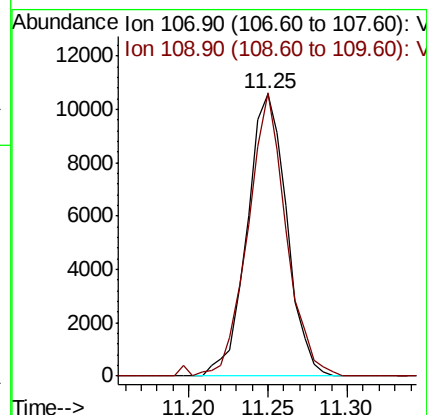
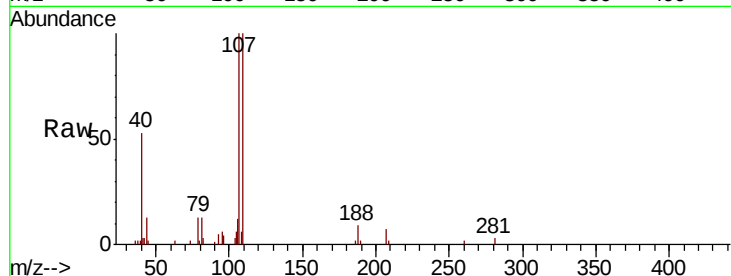
ClientSampleId :

Tot Ion:107 Resp: 18371

Ion Ratio Lower Upper

107 100

109 100.2 74.0 111.0



#62

4-Bromofluorobenzene

Concen: 5.654 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

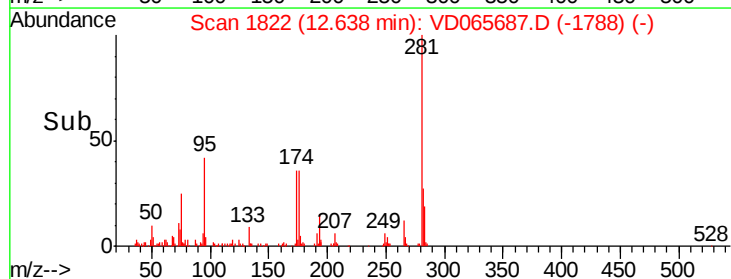
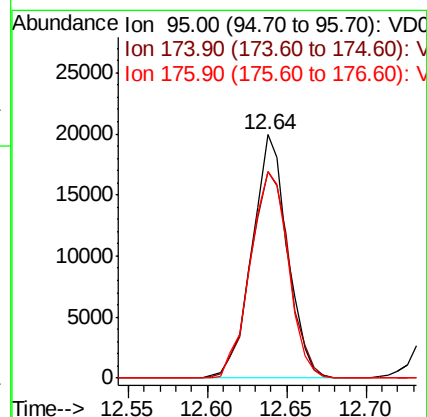
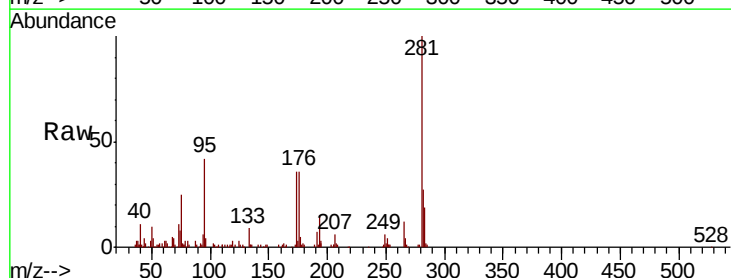
Tgt Ion: 95 Resp: 30973

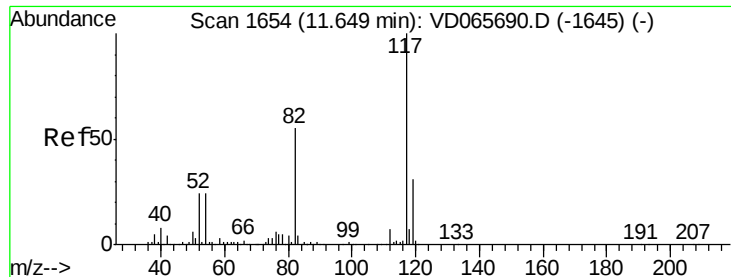
Ion Ratio Lower Upper

95 100

174 85.0 0.0 177.6

176 84.7 0.0 168.2

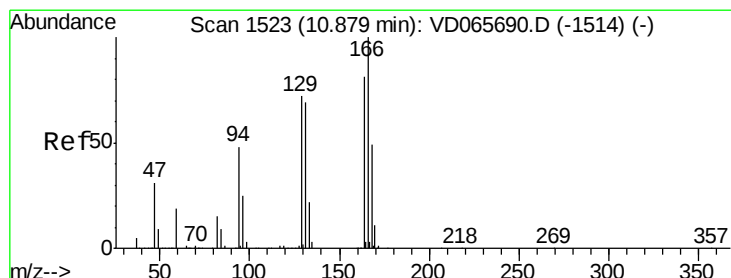
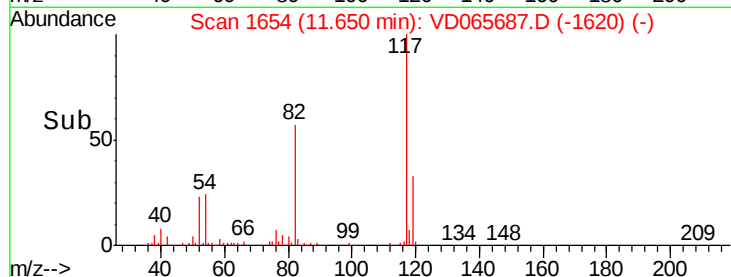
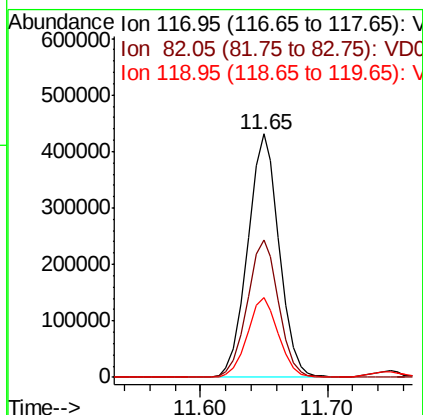
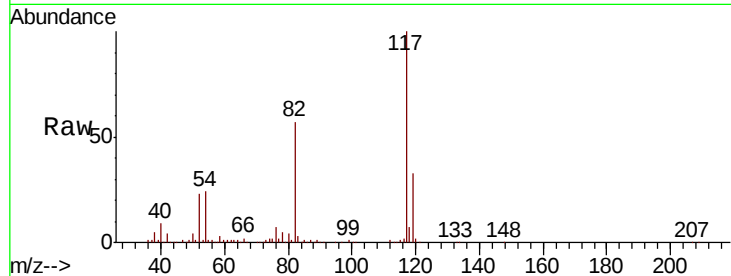




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

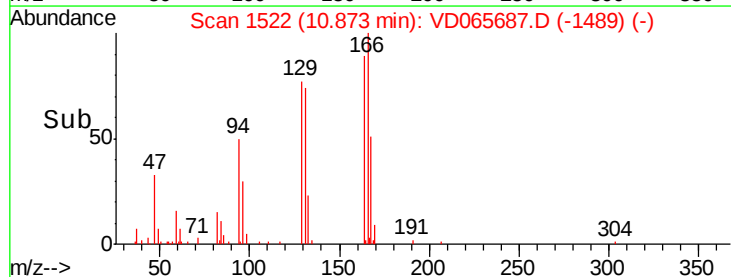
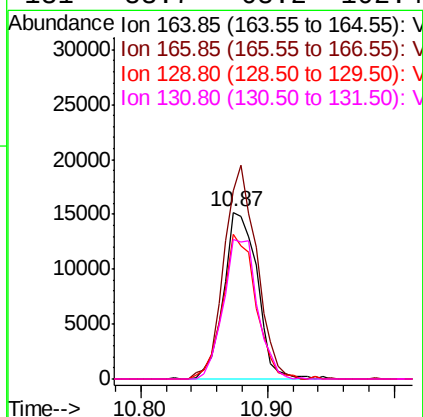
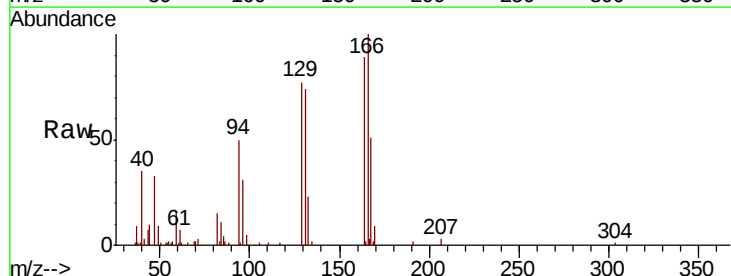
Instrument :
MSVOA_D
ClientSampled :

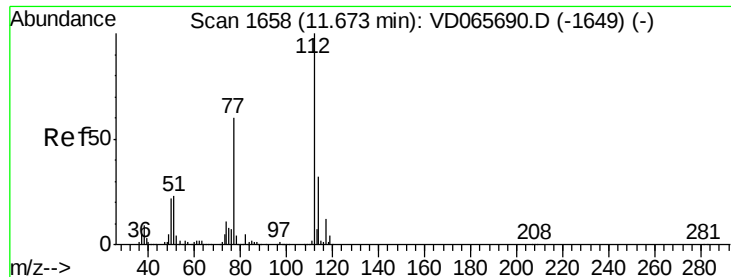
Tot Ion:117 Resp: 741618
Ion Ratio Lower Upper
117 100
82 56.6 43.6 65.4
119 32.8 25.0 37.6



#64
Tetrachloroethene
Concen: 5.229 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion:164 Resp: 27756
Ion Ratio Lower Upper
164 100
166 112.6 99.0 148.6
129 86.5 71.5 107.3
131 83.7 68.2 102.4





#65

Chlorobenzene

Concen: 5.354 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

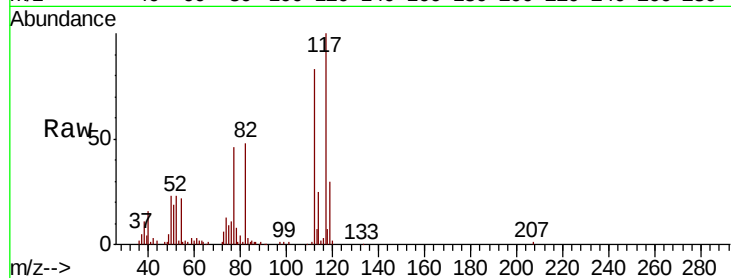
ClientSampled :

Tot Ion:112 Resp: 76316

Ion Ratio Lower Upper

112 100

114 29.6 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V

11.67

50000

40000

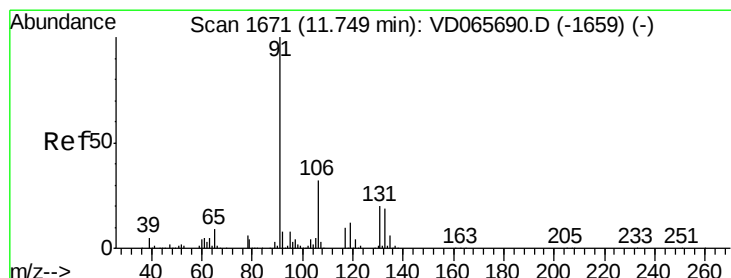
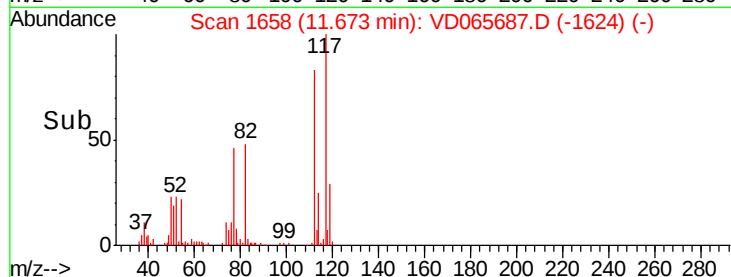
30000

20000

10000

0

Time--> 11.60 11.70



#66

1,1,1,2-Tetrachloroethane

Concen: 4.999 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

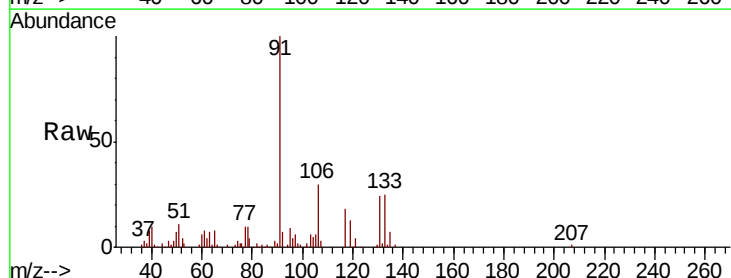
Tgt Ion:131 Resp: 29681

Ion Ratio Lower Upper

131 100

133 102.7 47.9 143.8

119 55.5 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

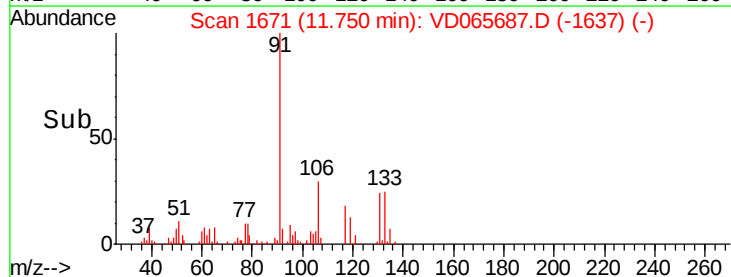
150000

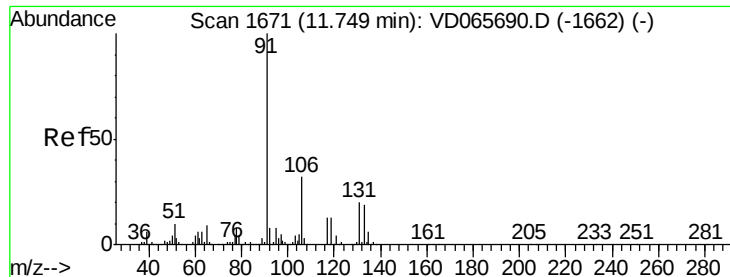
100000

50000

0

Time--> 11.65 11.70 11.75 11.80

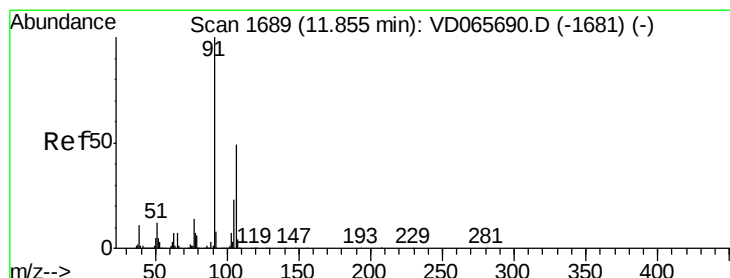
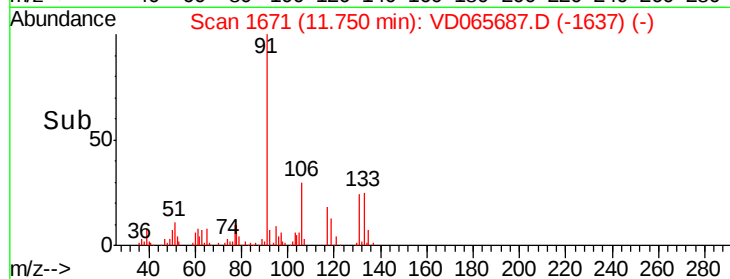
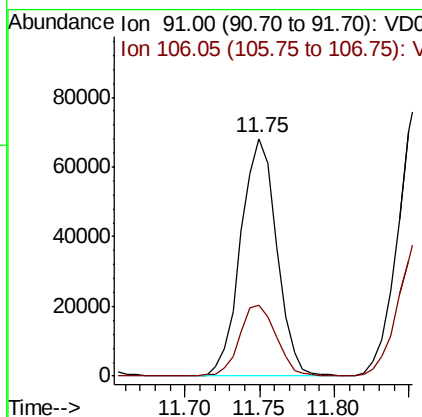
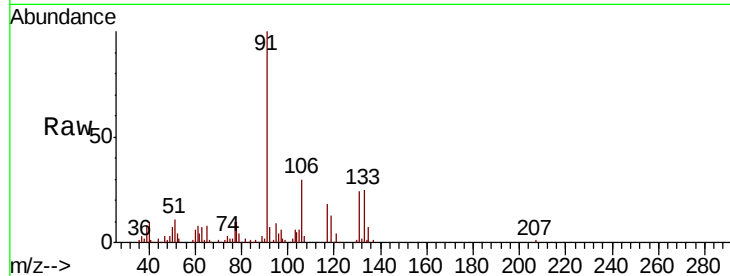




#67
Ethyl Benzene
Concen: 4.809 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

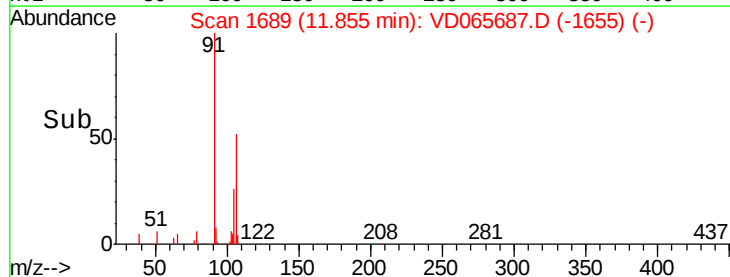
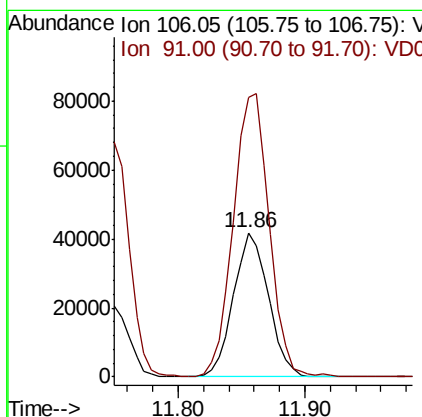
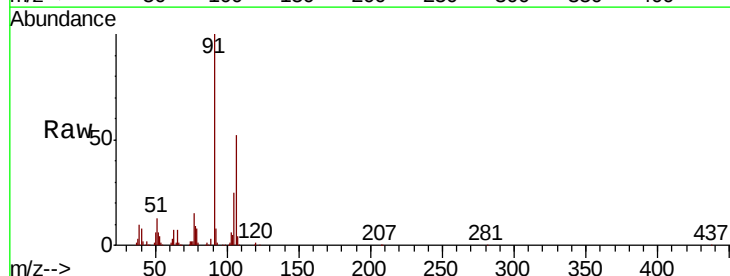
Instrument :
MSVOA_D
ClientSampled :

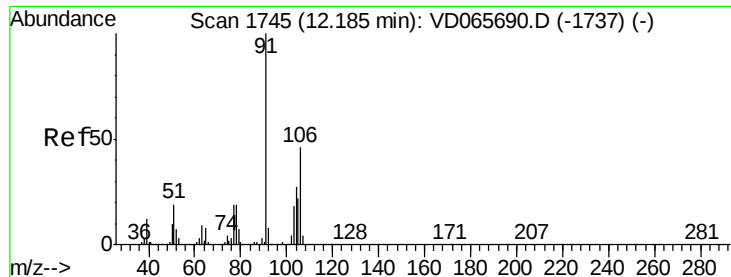
Tot Ion: 91 Resp: 114060
Ion Ratio Lower Upper
91 100
106 30.1 25.2 37.8



#68
m/p-Xylenes
Concen: 9.141 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 106 Resp: 79746
Ion Ratio Lower Upper
106 100
91 194.1 162.2 243.2

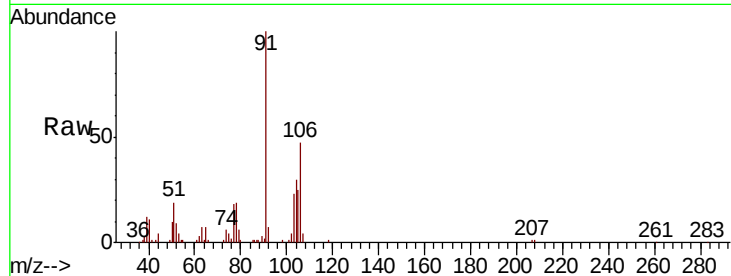




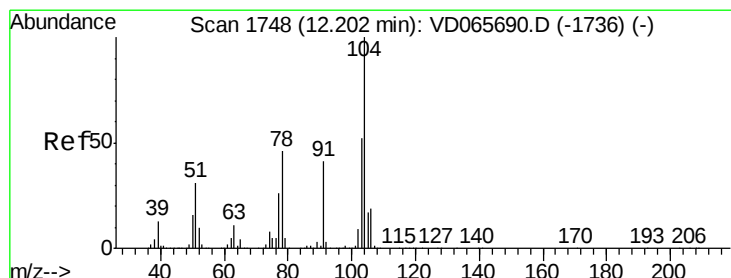
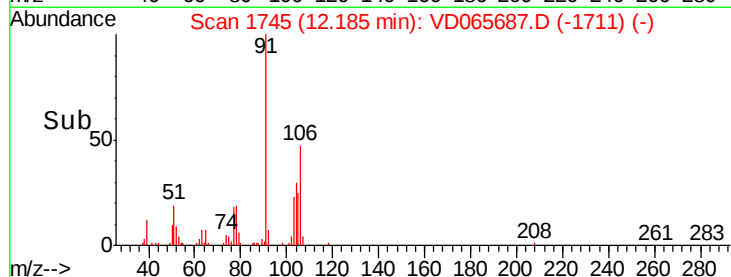
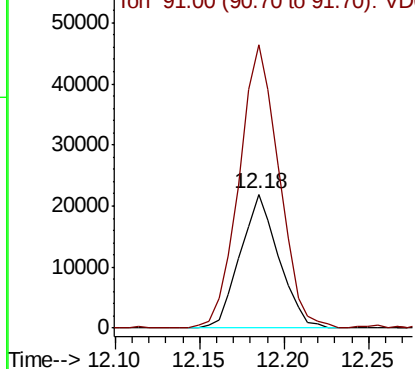
#69
o-Xylene
Concen: 4.420 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 34849
Ion Ratio Lower Upper
106 100
91 211.2 109.7 329.0

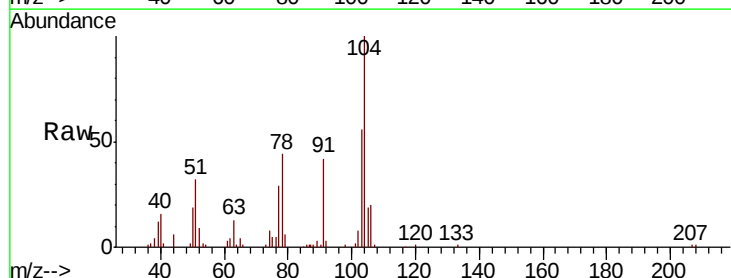


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

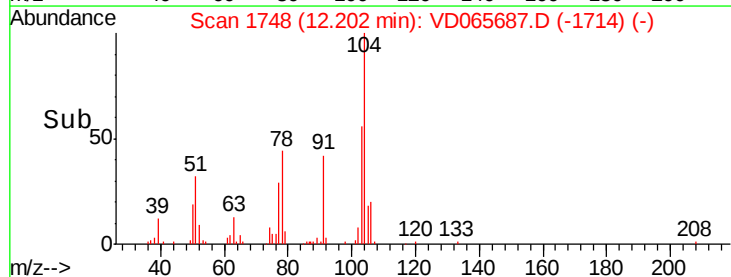
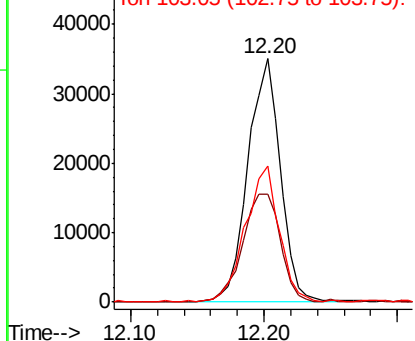


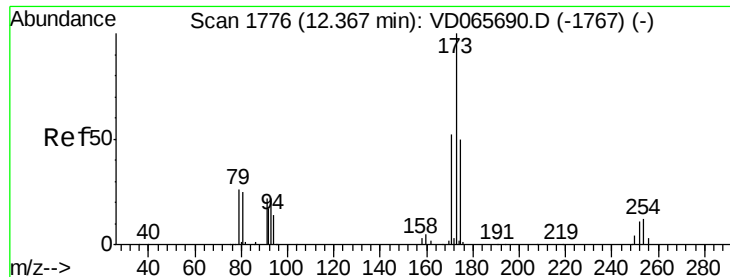
#70
Styrene
Concen: 4.298 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion:104 Resp: 59019
Ion Ratio Lower Upper
104 100
78 44.4 36.4 54.6
103 56.1 41.7 62.5



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V

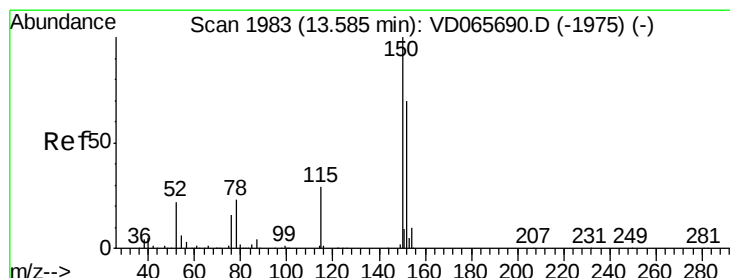
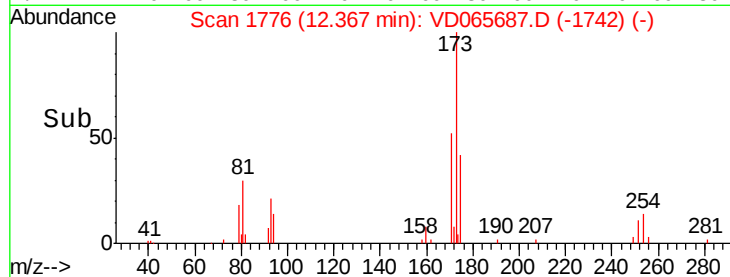
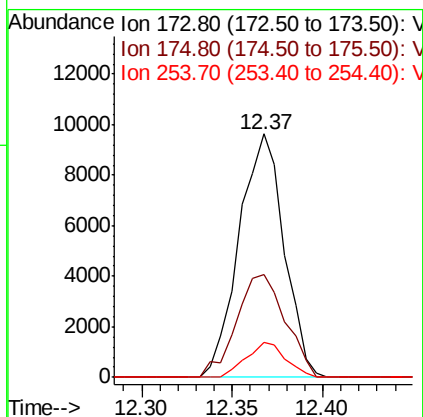
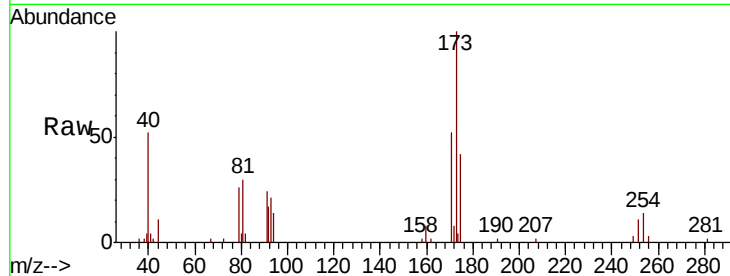




#71
Bromoform
Concen: 4.900 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

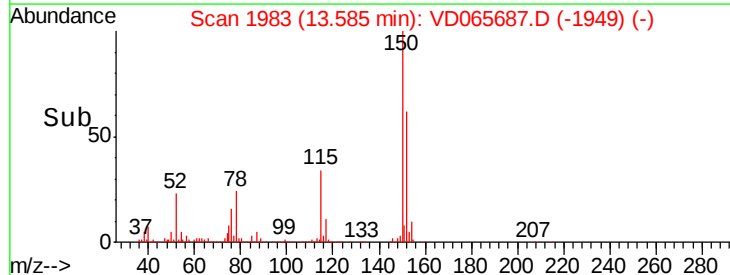
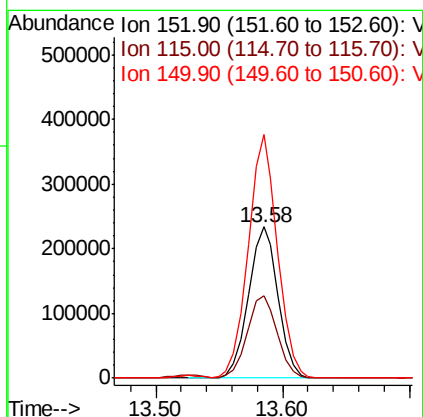
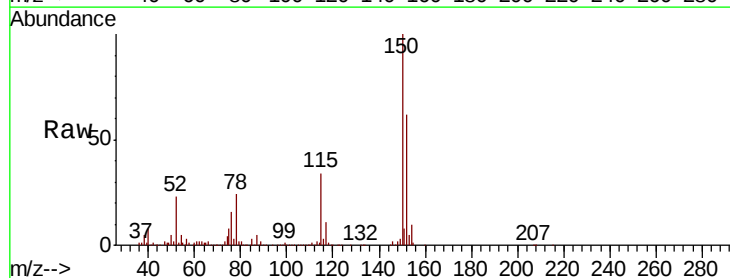
Instrument :
MSVOA_D
ClientSampleId :

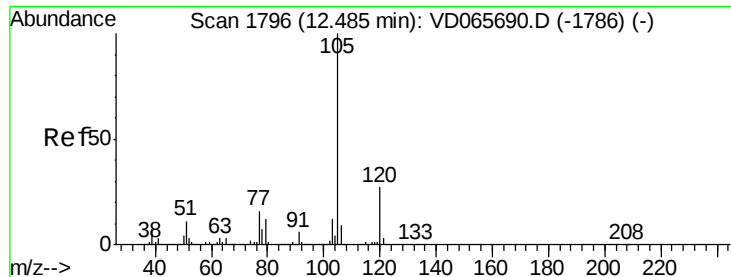
Tot Ion:173 Resp: 16608
Ion Ratio Lower Upper
173 100
175 42.0 24.9 74.8
254 14.4 9.4 14.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion:152 Resp: 377754
Ion Ratio Lower Upper
152 100
115 54.5 26.8 80.3
150 161.2 0.0 301.2





#73

Isopropylbenzene

Concen: 3.645 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

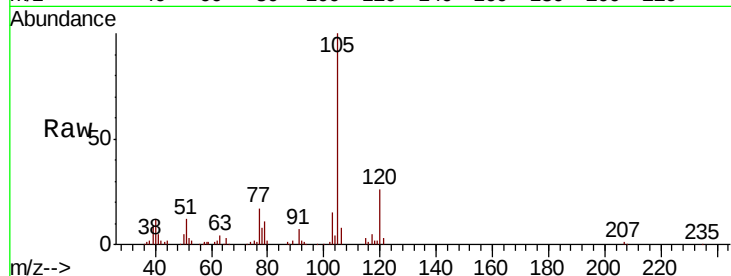
ClientSampleId :

Tot Ion: 105 Resp: 91732

Ion Ratio Lower Upper

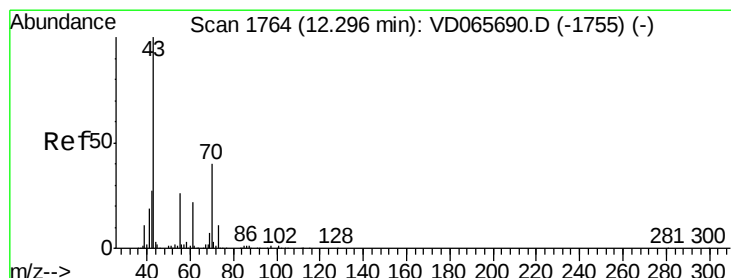
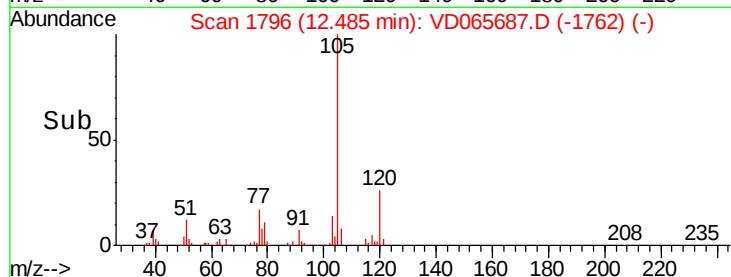
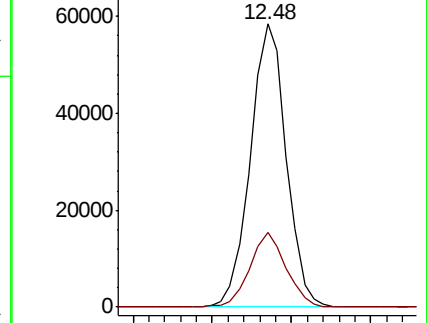
105 100

120 26.4 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: 3.340 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Tgt Ion: 43 Resp: 21223

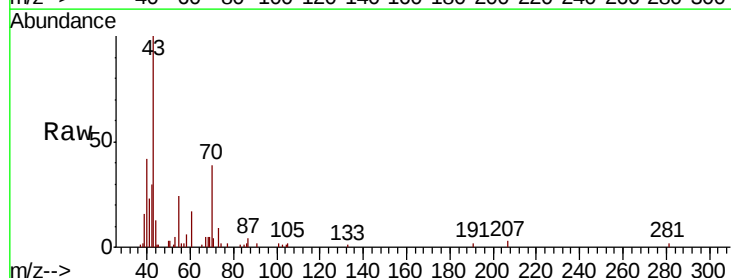
Ion Ratio Lower Upper

43 100

70 38.9 32.0 48.0

55 24.5 20.4 30.6

61 16.7 17.6 26.4#

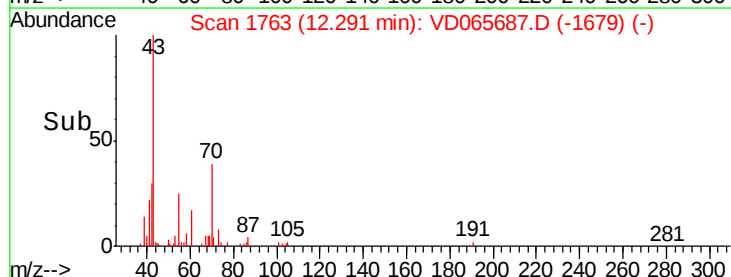
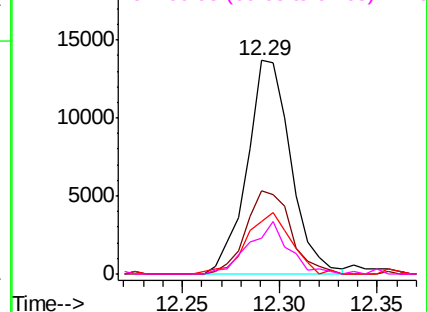


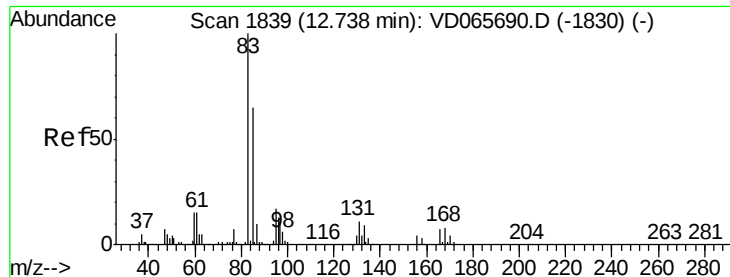
Abundance Ion 42.95 (42.65 to 43.65): V

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: 4.722 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

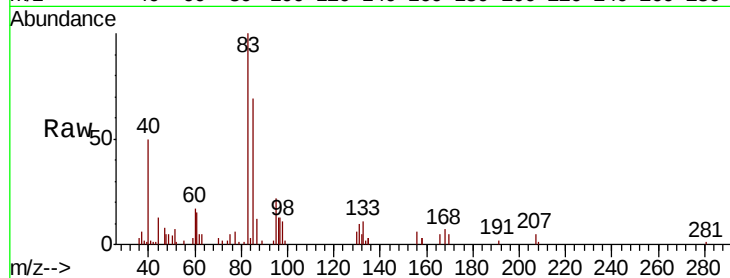
Tot Ion: 83 Resp: 22766

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.5

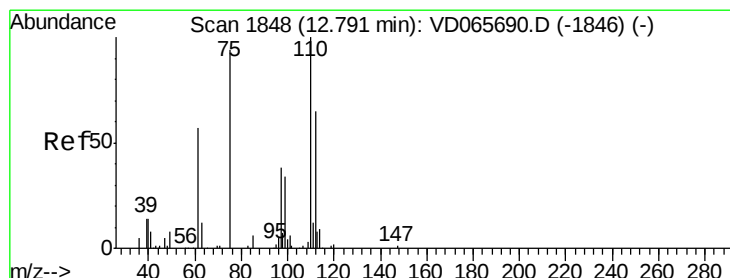
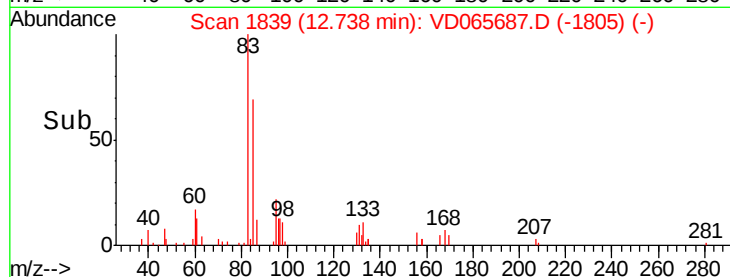
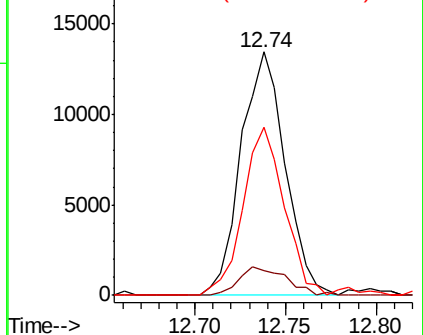
85 69.3 32.3 96.9



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 6.043 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065687.D

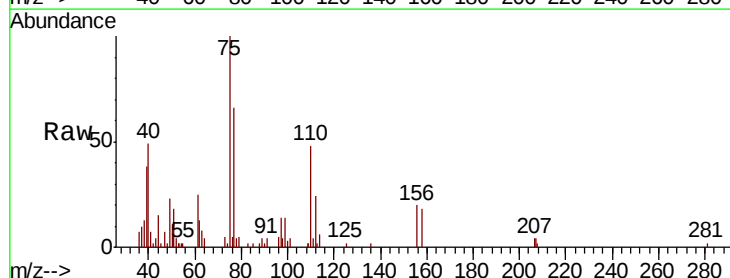
Acq: 01 May 2020 17:52

Tgt Ion: 75 Resp: 26958

Ion Ratio Lower Upper

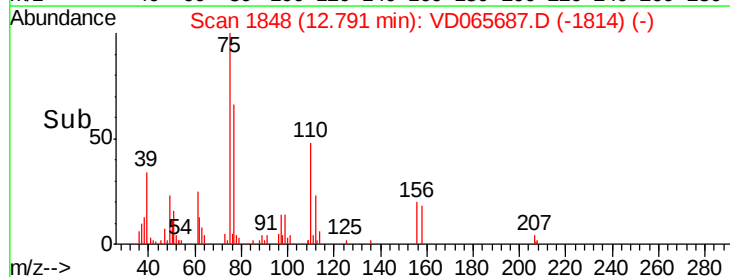
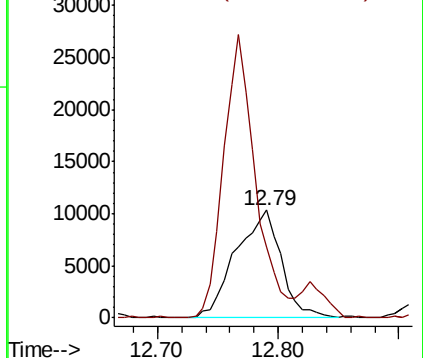
75 100

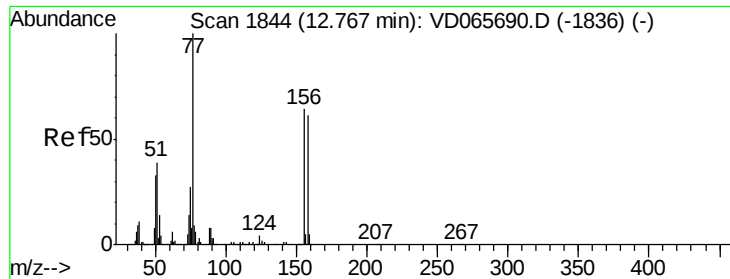
77 65.7 28.7 86.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

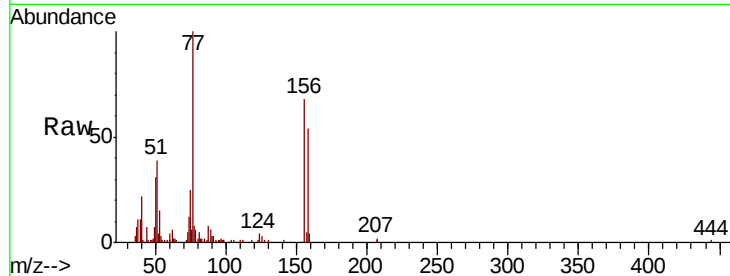




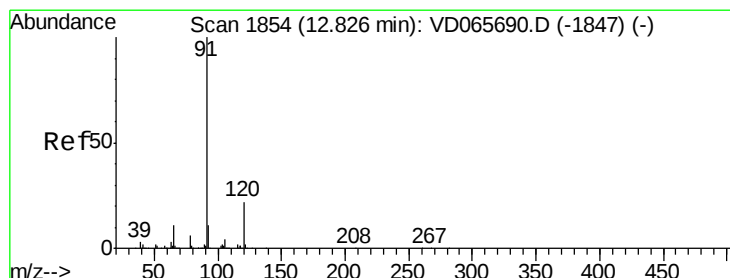
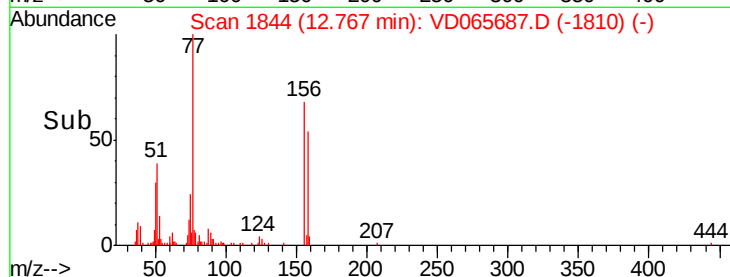
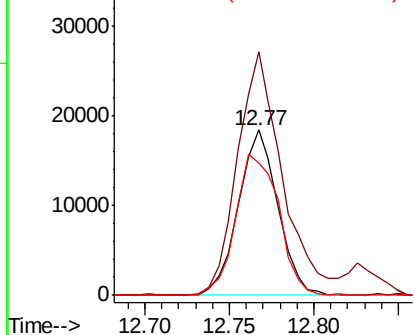
#77
Bromobenzene
Concen: 4.227 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:156 Resp: 29963
Ion Ratio Lower Upper
156 100
77 147.2 78.4 235.2
158 79.6 47.6 142.8

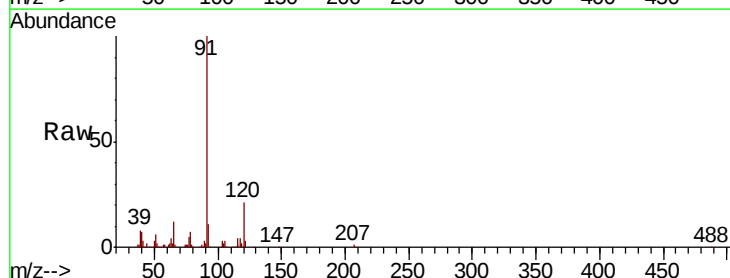


Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): V
Ion 157.85 (157.55 to 158.55): V

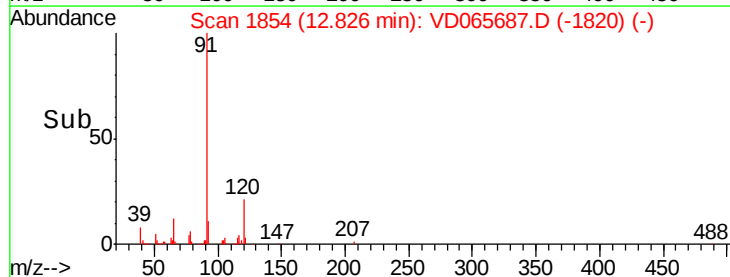
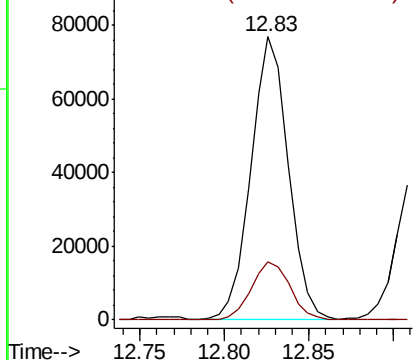


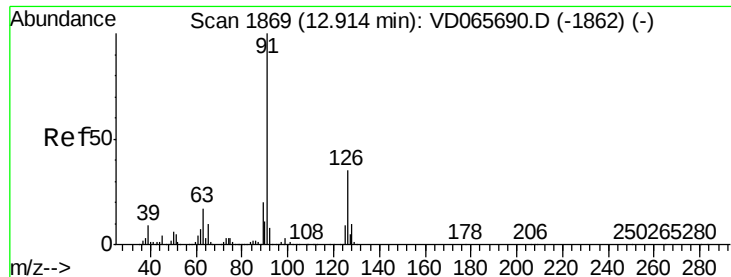
#78
n-propylbenzene
Concen: 4.022 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 91 Resp: 117479
Ion Ratio Lower Upper
91 100
120 20.6 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: 3.922 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

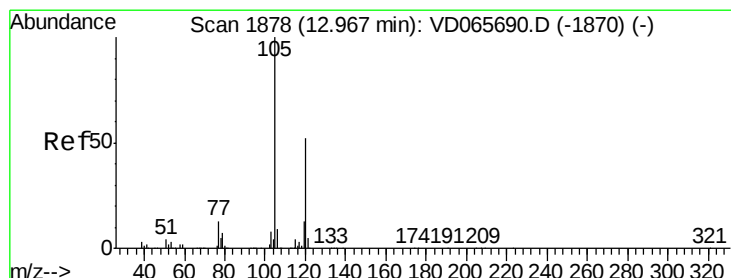
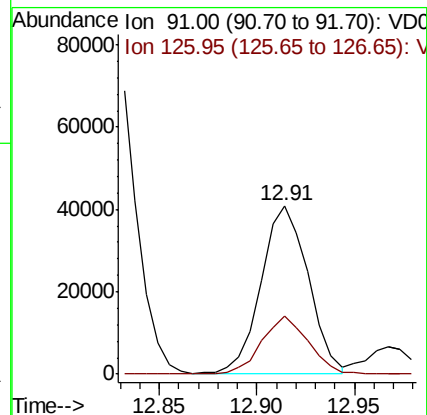
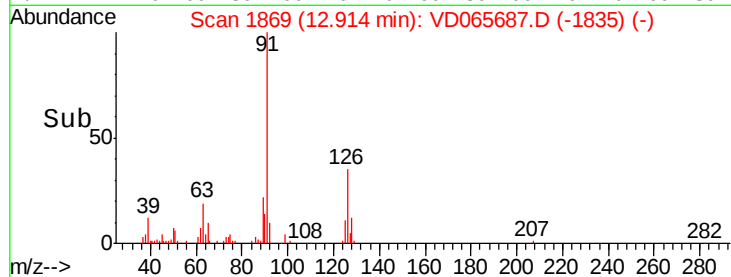
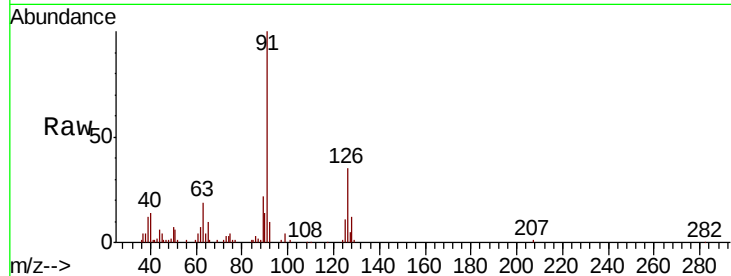
ClientSampled :

Tot Ion: 91 Resp: 68206

Ion Ratio Lower Upper

91 100

126 34.6 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 3.761 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065687.D

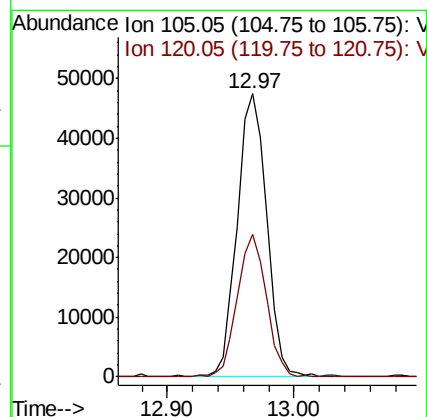
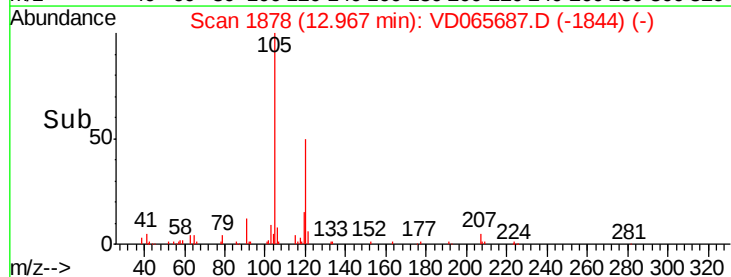
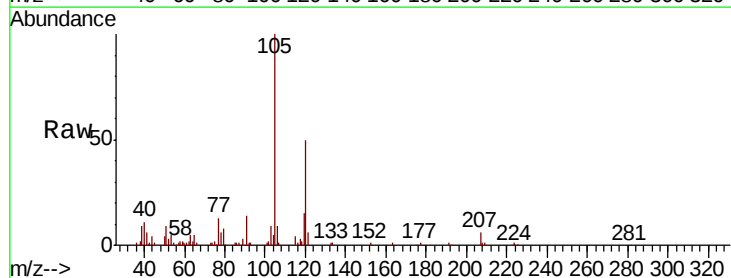
Acq: 01 May 2020 17:52

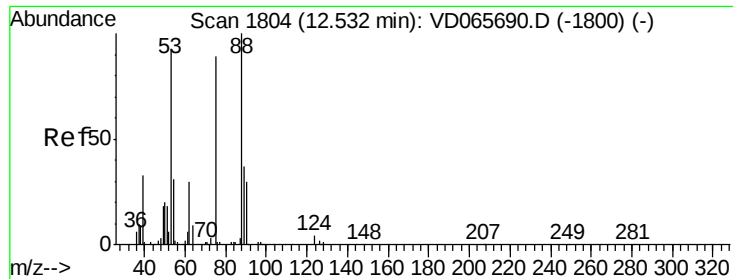
Tgt Ion: 105 Resp: 76380

Ion Ratio Lower Upper

105 100

120 50.2 25.9 77.7





#81

trans-1,4-Dichloro-2-butene

Concen: 3.994 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

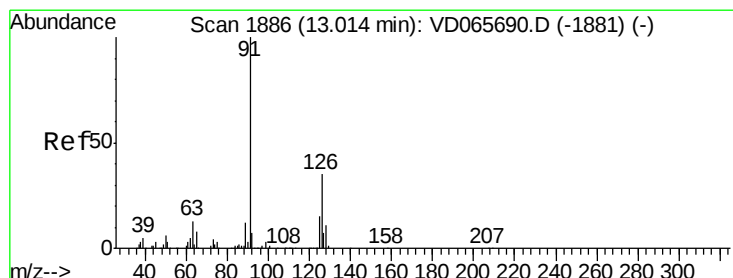
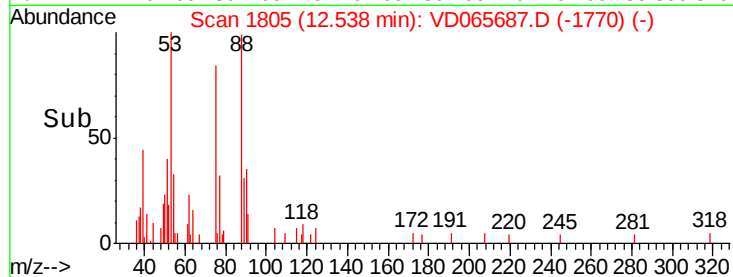
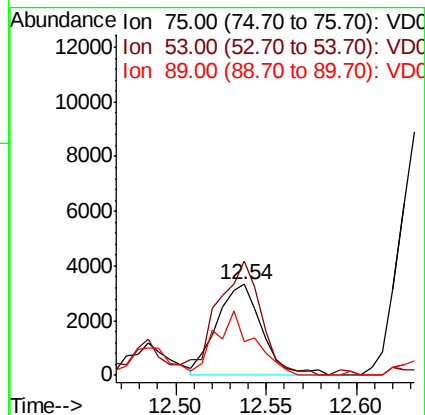
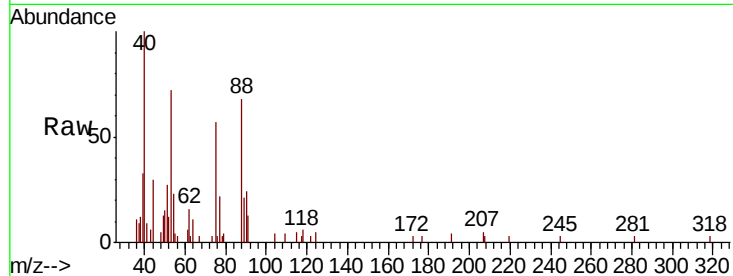
Tot Ion: 75 Resp: 5772

Ion Ratio Lower Upper

75 100

53 125.0 84.0 126.0

89 37.0 35.5 53.3



#82

4-Chlorotoluene

Concen: 4.012 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD065687.D

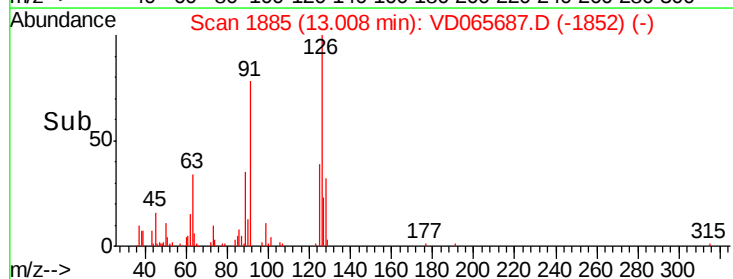
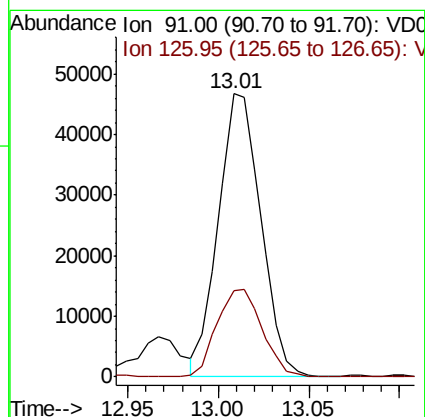
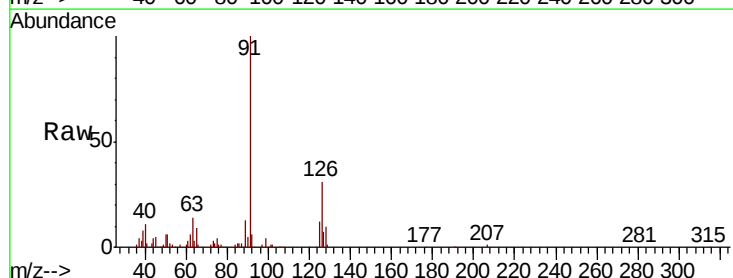
Acq: 01 May 2020 17:52

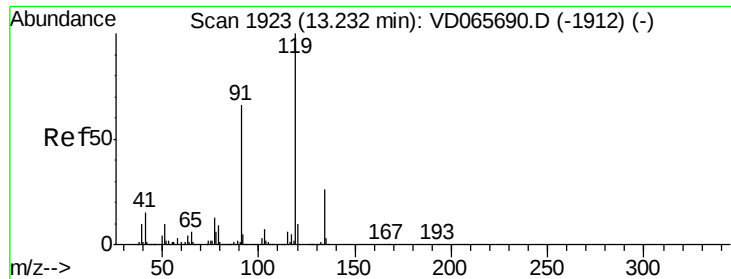
Tgt Ion: 91 Resp: 76353

Ion Ratio Lower Upper

91 100

126 30.7 16.9 50.7





#83

tert-Butylbenzene

Concen: 2.975 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

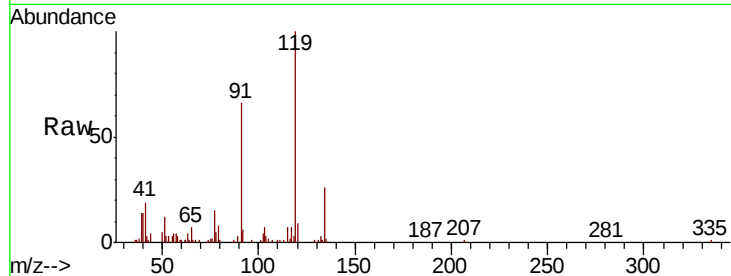
Tot Ion:119 Resp: 66098

Ion Ratio Lower Upper

119 100

91 65.8 32.9 98.7

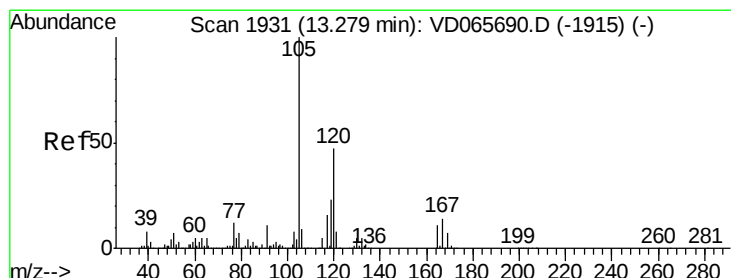
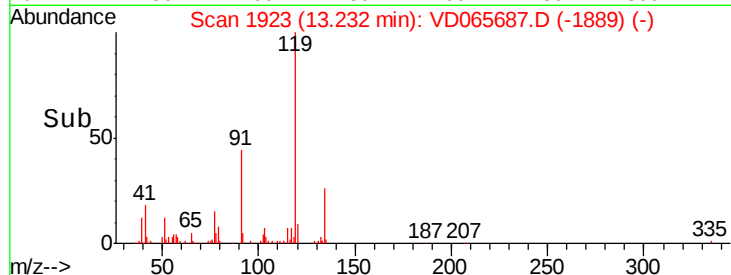
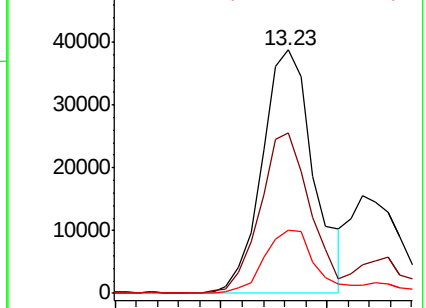
134 26.2 12.9 38.7



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



#84

1,2,4-Trimethylbenzene

Concen: 3.609 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.01 min

Lab File: VD065687.D

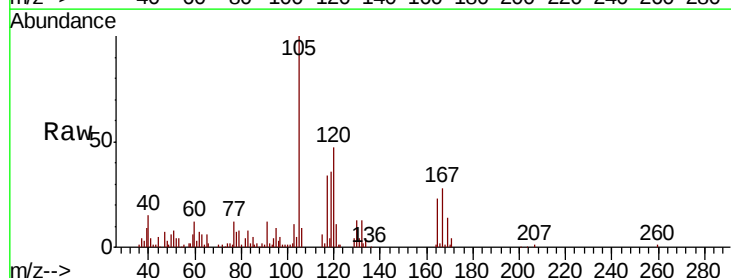
Acq: 01 May 2020 17:52

Tgt Ion:105 Resp: 69317

Ion Ratio Lower Upper

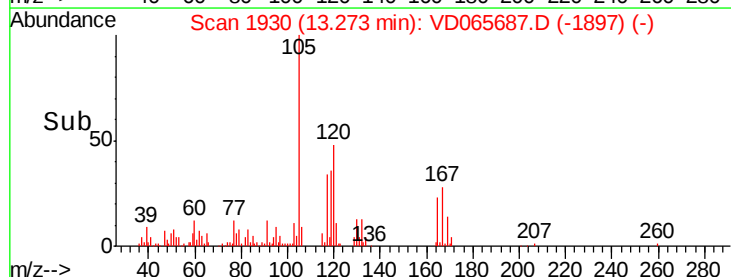
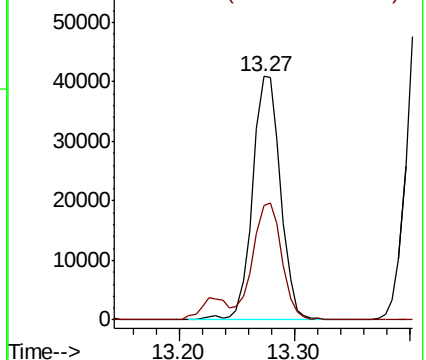
105 100

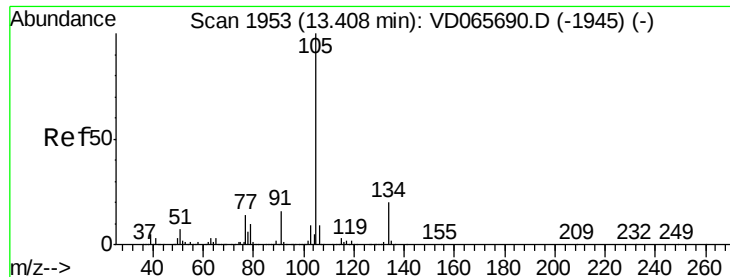
120 47.2 23.3 69.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

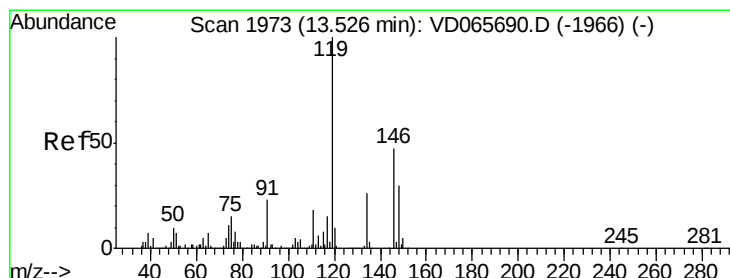
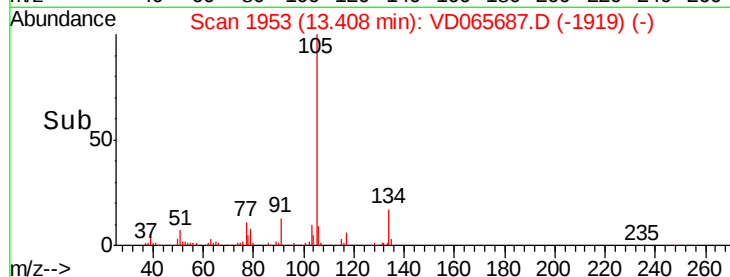
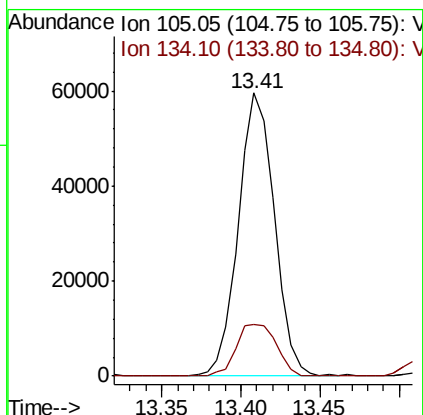
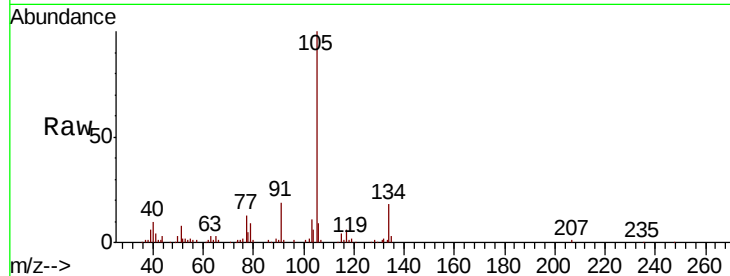




#85
 sec-Butylbenzene
 Concen: 3.757 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065687.D
 Acq: 01 May 2020 17:52

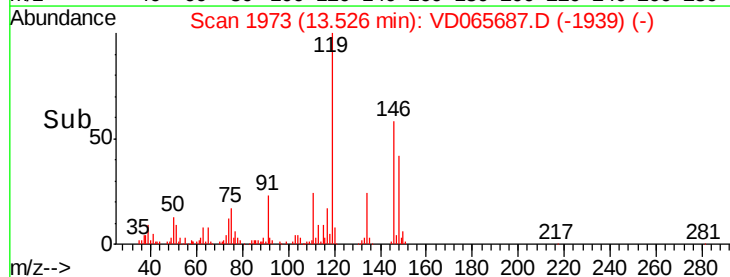
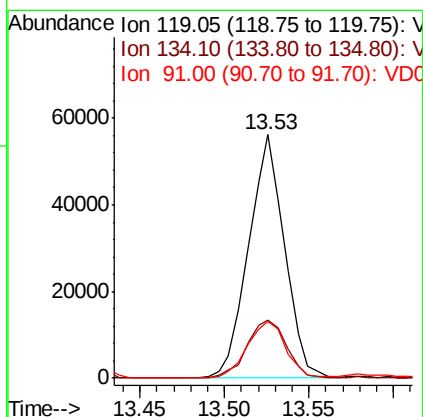
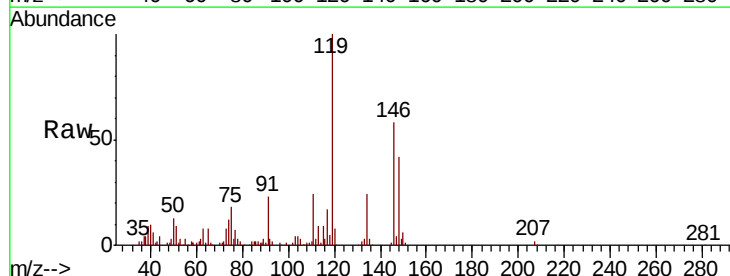
Instrument :
 MSVOA_D
 ClientSampleId :

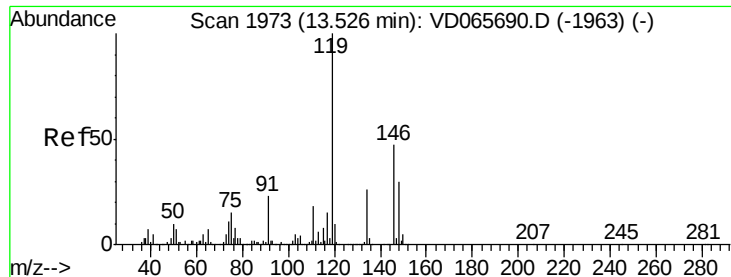
Tot Ion:105 Resp: 94009
 Ion Ratio Lower Upper
 105 100
 134 18.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 3.715 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065687.D
 Acq: 01 May 2020 17:52

Tgt Ion:119 Resp: 83155
 Ion Ratio Lower Upper
 119 100
 134 23.9 13.1 39.3
 91 23.3 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 4.477 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

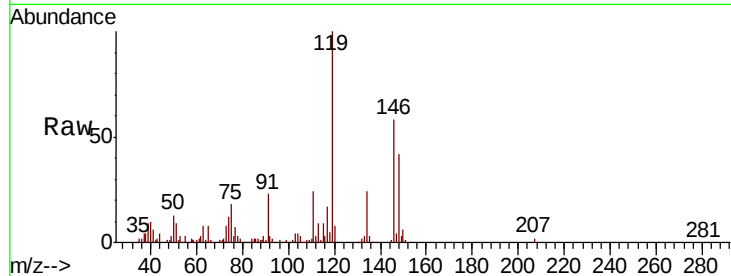
Tot Ion:146 Resp: 56211

Ion Ratio Lower Upper

146 100

111 40.4 19.4 58.2

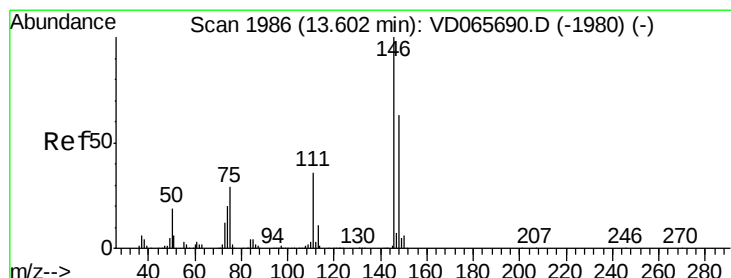
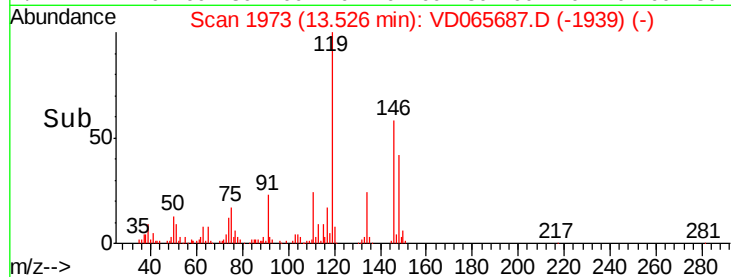
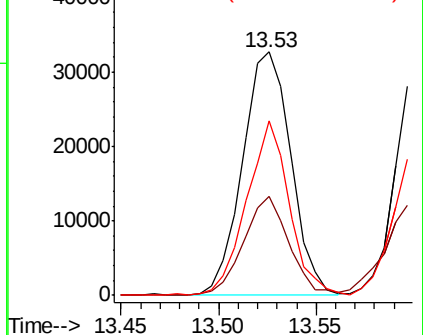
148 71.5 31.4 94.0



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: 5.198 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065687.D

Acq: 01 May 2020 17:52

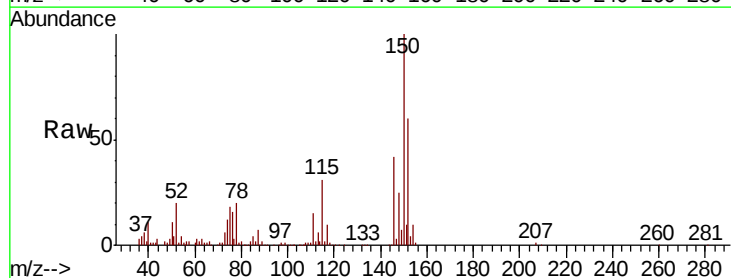
Tgt Ion:146 Resp: 61096

Ion Ratio Lower Upper

146 100

111 35.1 18.3 54.9

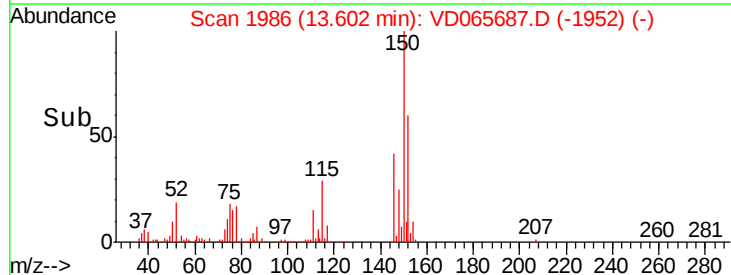
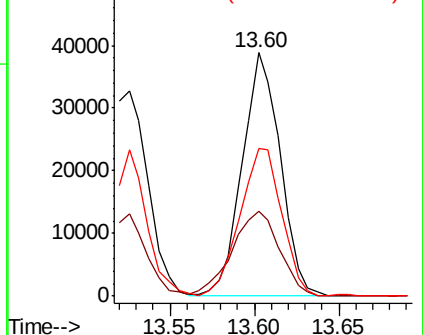
148 60.6 31.6 94.8

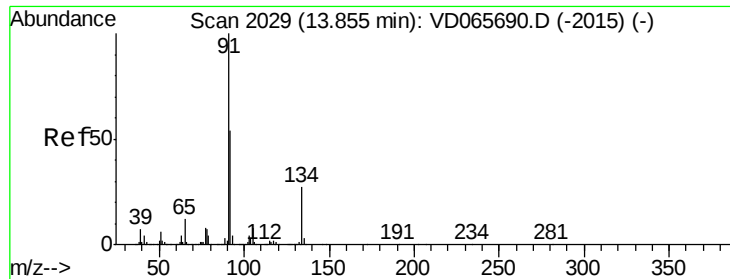


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

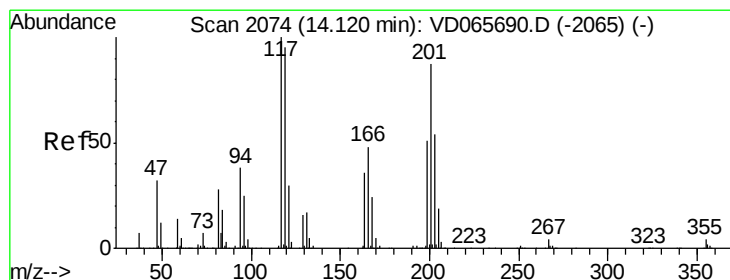
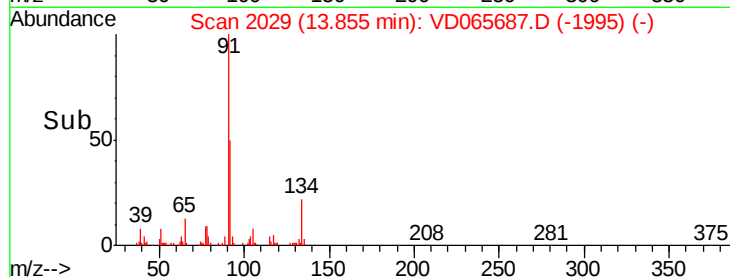
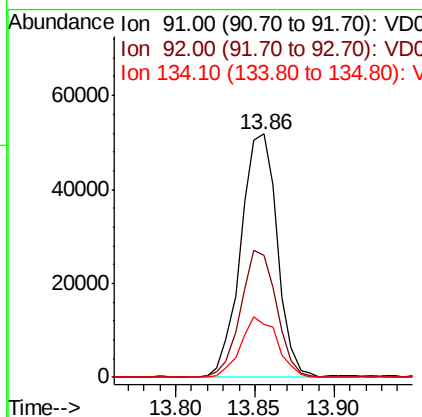
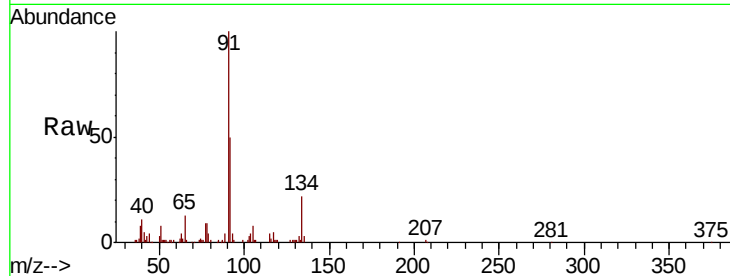




#89
n-Butylbenzene
Concen: 4.075 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

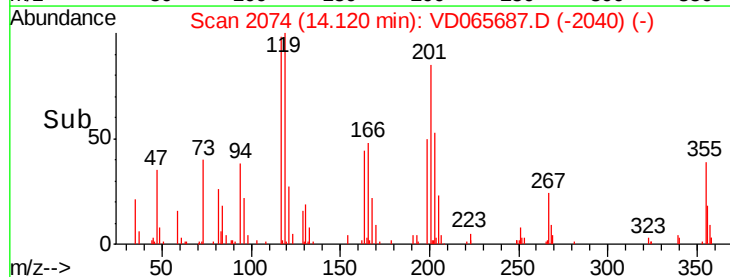
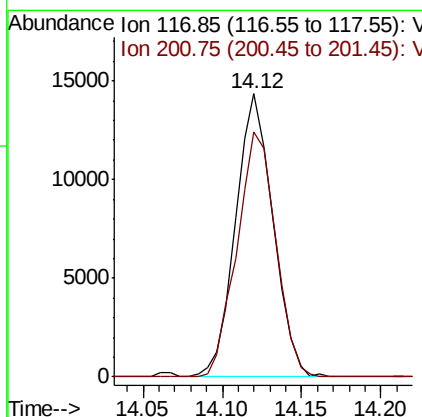
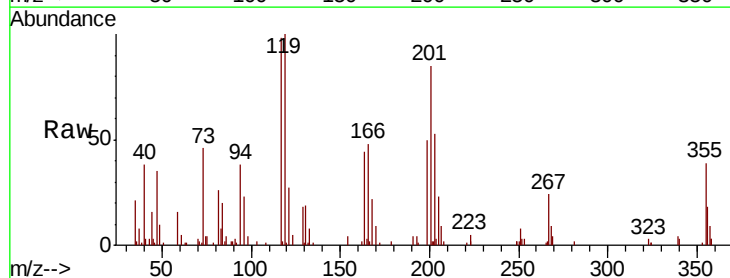
Instrument :
MSVOA_D
ClientSampleId :

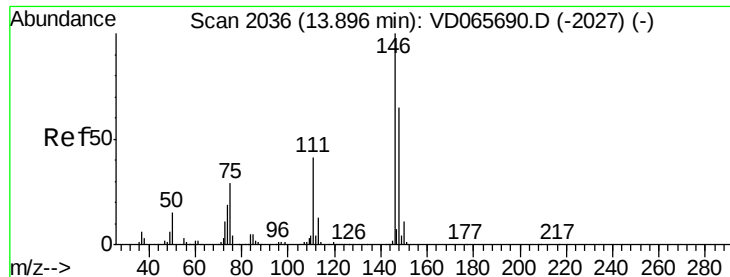
Tot Ion: 91 Resp: 82907
Ion Ratio Lower Upper
91 100
92 49.9 27.0 81.0
134 22.0 13.5 40.5



#90
Hexachloroethane
Concen: 4.058 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion: 117 Resp: 23537
Ion Ratio Lower Upper
117 100
201 86.5 43.7 131.1

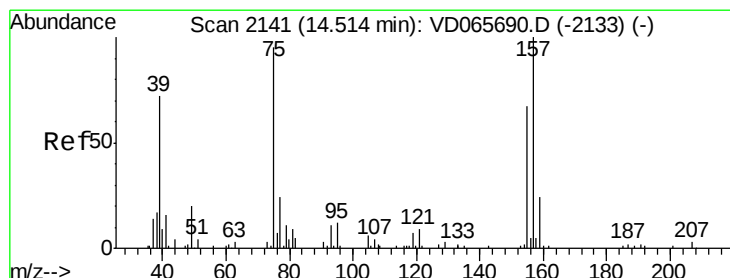
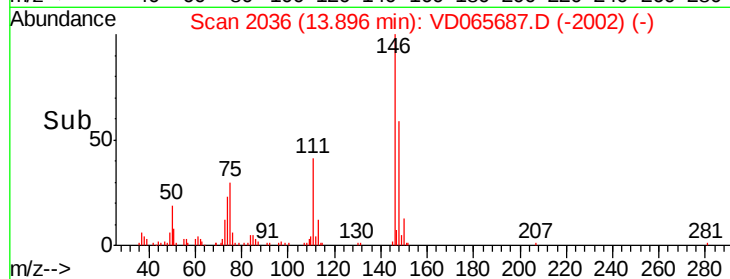
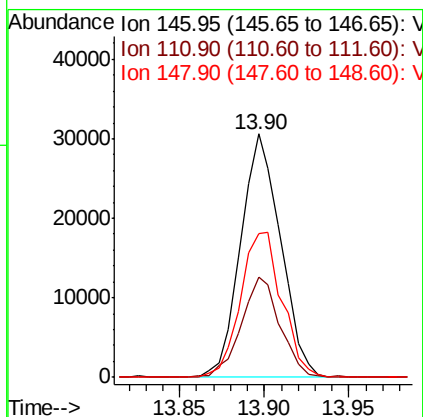
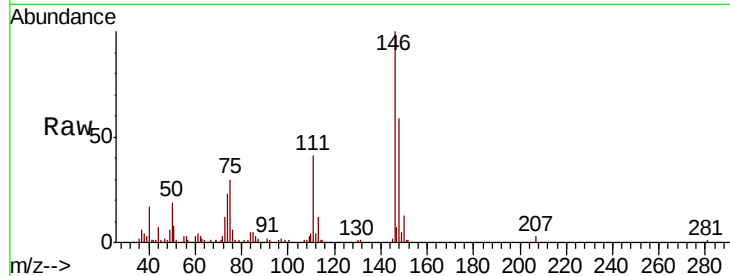




#91
 1,2-Dichlorobenzene
 Concen: 4.808 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065687.D
 Acq: 01 May 2020 17:52

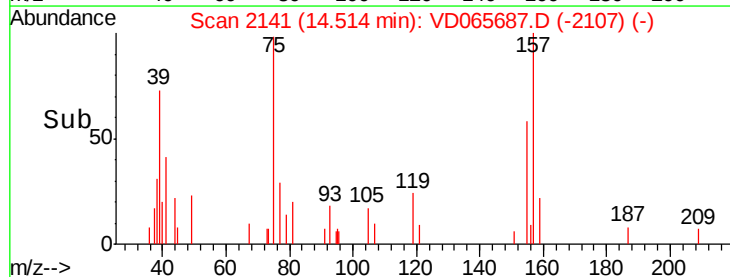
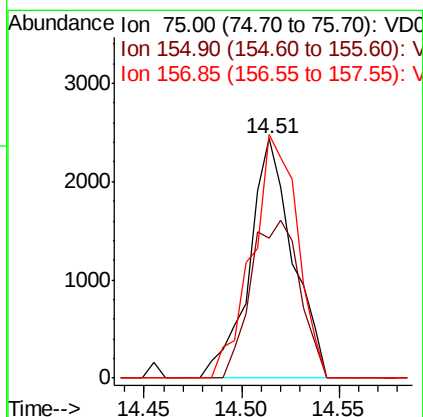
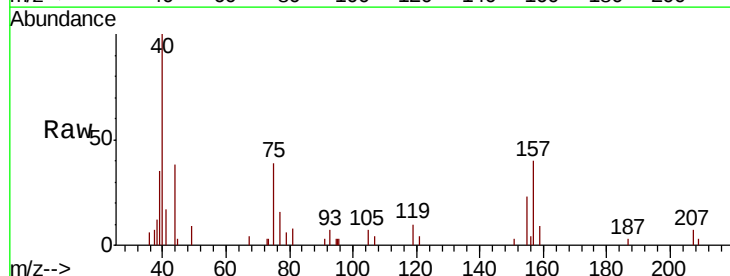
Instrument :
 MSVOA_D
 ClientSampleId :

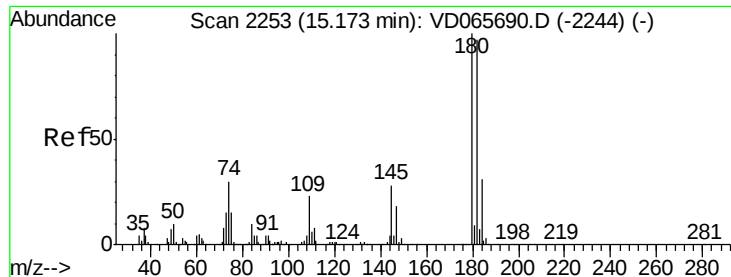
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	60.8
148	58.8	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.650 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD065687.D
 Acq: 01 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	58.8	35.4	106.3
157	101.8	52.6	157.8

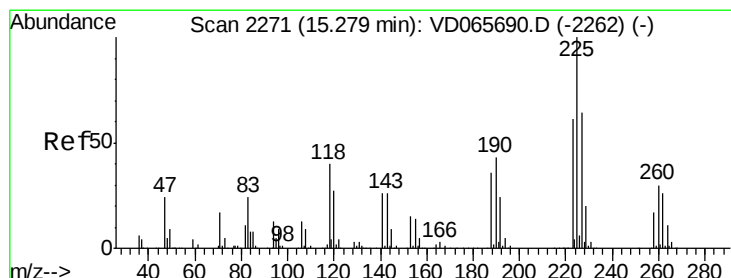
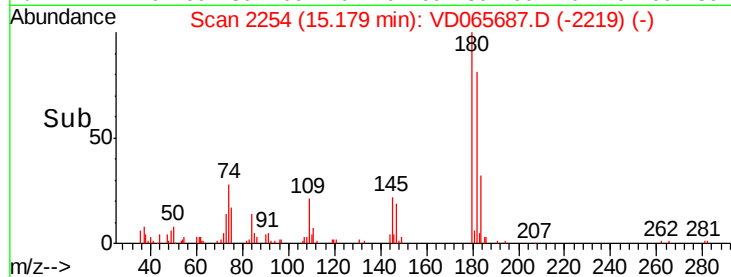
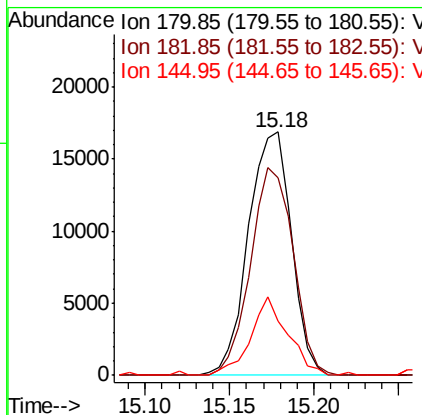
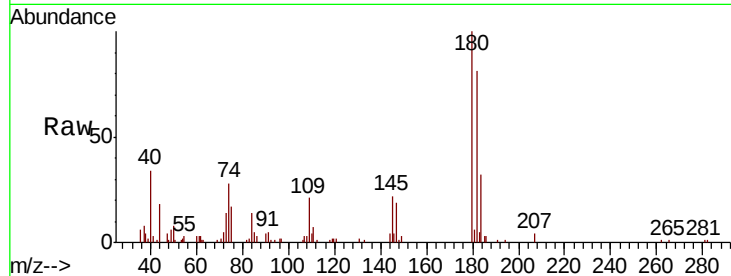




#93
 1,2,4-Trichlorobenzene
 Concen: 5.175 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065687.D
 Acq: 01 May 2020 17:52

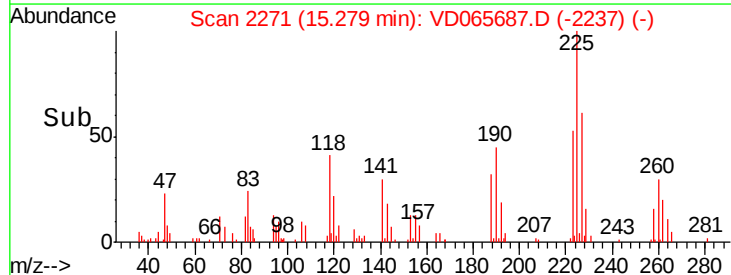
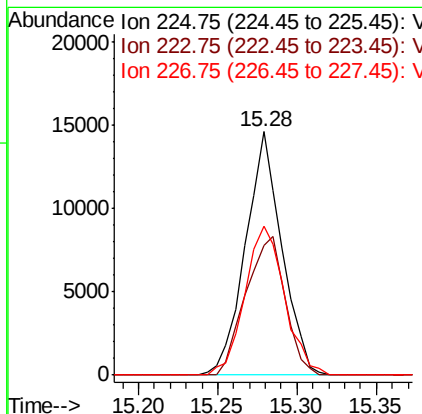
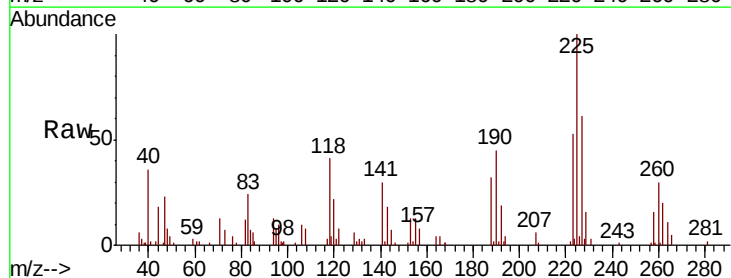
Instrument :
 MSVOA_D
 ClientSampleId :

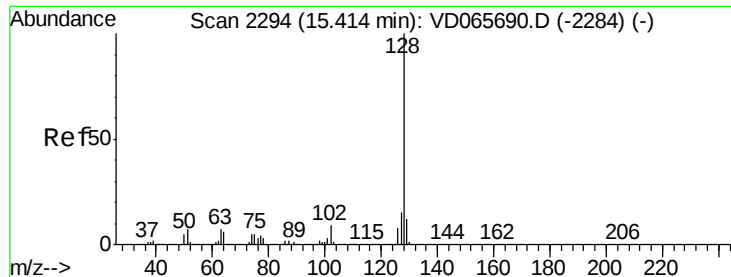
Tot Ion:180 Resp: 29848
 Ion Ratio Lower Upper
 180 100
 182 81.1 48.5 145.5
 145 22.4 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 5.555 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065687.D
 Acq: 01 May 2020 17:52

Tgt Ion:225 Resp: 23283
 Ion Ratio Lower Upper
 225 100
 223 53.2 30.4 91.3
 227 60.9 32.0 96.0

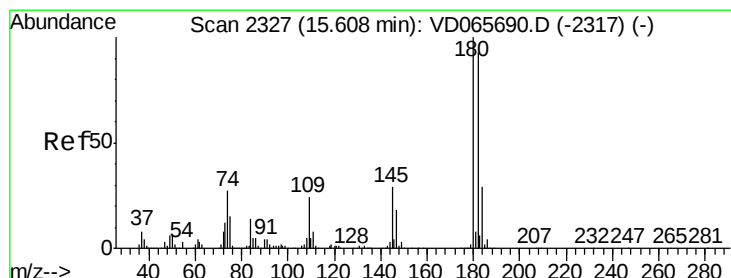
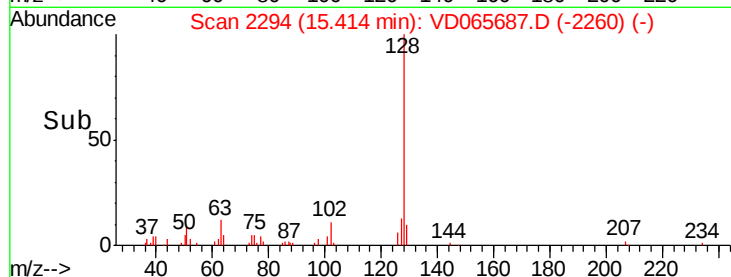
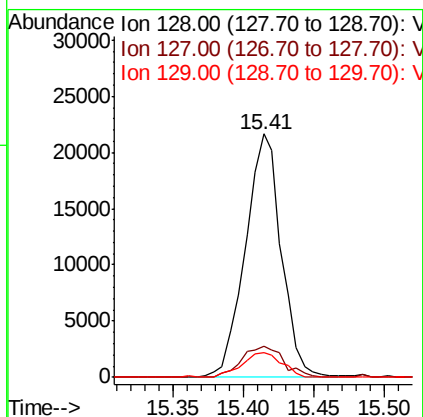
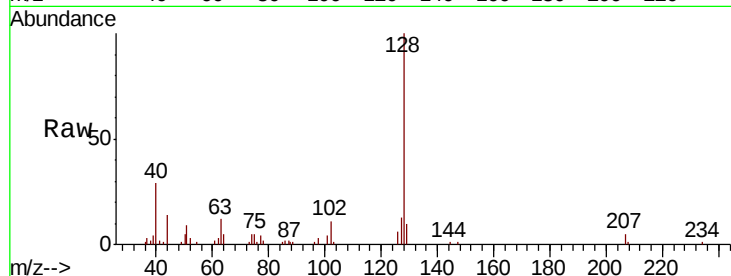




#95
Naphthalene
Concen: 4.142 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:128 Resp: 38703
Ion Ratio Lower Upper
128 100
127 12.8 11.8 17.6
129 10.0 9.6 14.4



#96
1,2,3-Trichlorobenzene
Concen: 6.722 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065687.D
Acq: 01 May 2020 17:52

Tgt Ion:180 Resp: 24315
Ion Ratio Lower Upper
180 100
182 100.4 46.6 139.7
145 27.2 14.5 43.6

