

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042920\
 Data File : VD065685.D
 Acq On : 29 Apr 2020 18:16
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 07:41:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042920S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 30 07:35:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	726863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1044585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1020620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	552246	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	304261	48.87	ug/l	0.00
Spiked Amount						
			Recovery	=	97.74%	
35) Dibromofluoromethane	7.92	113	342512	48.37	ug/l	0.00
Spiked Amount						
			Recovery	=	96.74%	
50) Toluene-d8	10.34	98	1320864	51.18	ug/l	0.00
Spiked Amount						
			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.64	95	425619	50.98	ug/l	0.00
Spiked Amount						
			Recovery	=	101.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	139299	48.607	ug/l	94
3) Chloromethane	2.21	50	271041	50.405	ug/l	91
4) Vinyl Chloride	2.35	62	467043	42.764	ug/l	98
5) Bromomethane	2.77	94	426890	49.980	ug/l	99
6) Chloroethane	2.93	64	346352	43.287	ug/l	99
7) Trichlorofluoromethane	3.27	101	945090	43.412	ug/l	98
8) Diethyl Ether	3.71	74	282805	45.894	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	301625	28.600	ug/l	100
10) Methyl Iodide	4.29	142	325259	59.960	ug/l	99
11) Tert butyl alcohol	5.26	59	60110	264.283	ug/l #	95
12) 1,1-Dichloroethene	4.06	96	282152	27.451	ug/l	91
13) Acrolein	3.92	56	160059	236.410	ug/l	99
14) Allyl chloride	4.71	41	285100	51.104	ug/l	98
15) Acrylonitrile	5.44	53	235535	256.018	ug/l	98
16) Acetone	4.17	43	166547	175.903	ug/l	97
17) Carbon Disulfide	4.40	76	827250	47.351	ug/l	100
18) Methyl Acetate	4.73	43	103329	47.136	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	574108	54.329	ug/l	98
20) Methylene Chloride	4.96	84	316744	53.036	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	344845	51.203	ug/l	99
22) Diisopropyl ether	6.37	45	664285	54.020	ug/l	97
23) Vinyl Acetate	6.31	43	1807526	275.919	ug/l	99
24) 1,1-Dichloroethane	6.27	63	495446	48.259	ug/l	98
25) 2-Butanone	7.23	43	248306	238.894	ug/l	95
26) 2,2-Dichloropropane	7.21	77	475807	47.200	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	369501	52.223	ug/l	97
28) Bromochloromethane	7.55	49	176749	47.448	ug/l	99
29) Tetrahydrofuran	7.57	42	159247	257.993	ug/l	99
30) Chloroform	7.71	83	613933	49.284	ug/l	96
31) Cyclohexane	7.99	56	407685	46.385	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	572389	49.198	ug/l	99
36) 1,1-Dichloropropene	8.11	75	450274	48.671	ug/l	99
37) Ethyl Acetate	7.30	43	121016	49.251	ug/l	99
38) Carbon Tetrachloride	8.10	117	533119	46.571	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	521344	50.043	ug/l	99
40) Benzene	8.36	78	1291335	49.396	ug/l	98
41) Methacrylonitrile	7.53	41	52298	43.268	ug/l #	98
42) 1,2-Dichloroethane	8.43	62	351271	48.196	ug/l	98
43) Isopropyl Acetate	8.46	43	227888	48.980	ug/l	98
44) Trichloroethene	9.11	130	393228	49.123	ug/l	95
45) 1,2-Dichloropropane	9.39	63	286290	49.365	ug/l	91
46) Dibromomethane	9.48	93	181990	48.472	ug/l	97
47) Bromodichloromethane	9.67	83	480222	48.678	ug/l	99
48) Methyl methacrylate	9.46	41	106341	51.024	ug/l	97
49) 1,4-Dioxane	9.47	88	39272	1029.974	ug/l #	96
51) 4-Methyl-2-Pentanone	10.23	43	608058	252.157	ug/l	99
52) Toluene	10.41	92	902561	50.737	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	413520	51.341	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	488864	51.056	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	254736	48.582	ug/l	98
56) Ethyl methacrylate	10.67	69	240531	46.991	ug/l	98
57) 1,3-Dichloropropane	10.95	76	397120	49.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	532587	249.443	ug/l	100
59) 2-Hexanone	10.99	43	403340	256.886	ug/l	99
60) Dibromochloromethane	11.14	129	355642	49.667	ug/l	98
61) 1,2-Dibromoethane	11.25	107	249939	50.382	ug/l	100
64) Tetrachloroethene	10.88	164	351004	49.169	ug/l	98
65) Chlorobenzene	11.67	112	999089	49.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	391574	50.120	ug/l	99
67) Ethyl Benzene	11.75	91	1709311	51.468	ug/l	100
68) m/p-Xylenes	11.86	106	1435591	106.770	ug/l	97
69) o-Xylene	12.18	106	616786	53.327	ug/l	99
70) Styrene	12.20	104	1113322	54.264	ug/l	99
71) Bromoform	12.37	173	214302	49.280	ug/l #	99
73) Isopropylbenzene	12.48	105	1692655	55.158	ug/l	99
74) N-amyl acetate	12.30	43	208438	51.485	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	258272	47.336	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	331637	88.635	ug/l #	100
77) Bromobenzene	12.77	156	439352	53.017	ug/l	99
78) n-propylbenzene	12.83	91	1986048	53.994	ug/l	100
79) 2-Chlorotoluene	12.91	91	1091389	53.012	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	1457386	55.129	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	80160	51.184	ug/l	98
82) 4-Chlorotoluene	13.01	91	1180706	53.367	ug/l	100
83) tert-Butylbenzene	13.23	119	1234276	55.330	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	1463280	55.504	ug/l	99
85) sec-Butylbenzene	13.41	105	1709547	53.984	ug/l	99
86) p-Isopropyltoluene	13.53	119	1657374	55.144	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	878115	51.835	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	867414	50.849	ug/l	99
89) n-Butylbenzene	13.85	91	1403372	53.132	ug/l	99
90) Hexachloroethane	14.12	117	335894	49.675	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	750194	52.191	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	37921	46.726	ug/l	97

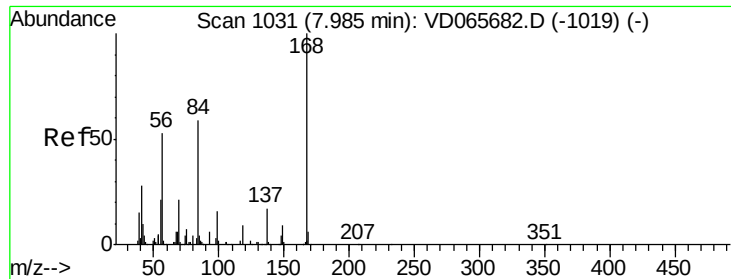
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	467338	53.855	ug/l	99
94) Hexachlorobutadiene	15.28	225	303542	49.791	ug/l	97
95) Naphthalene	15.41	128	738018	50.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	419045	54.712	ug/l	98

(#) = 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. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

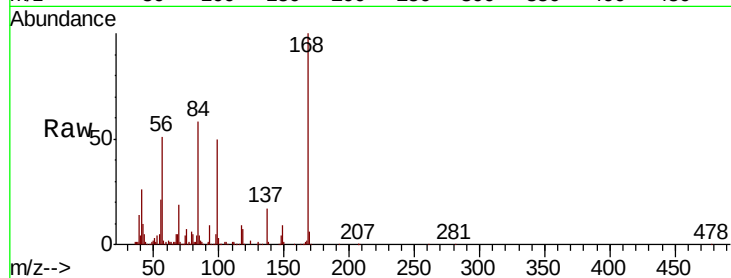
ClientSampleId :

Tot Ion:168 Resp: 726863

Ion Ratio Lower Upper

168 100

99 49.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

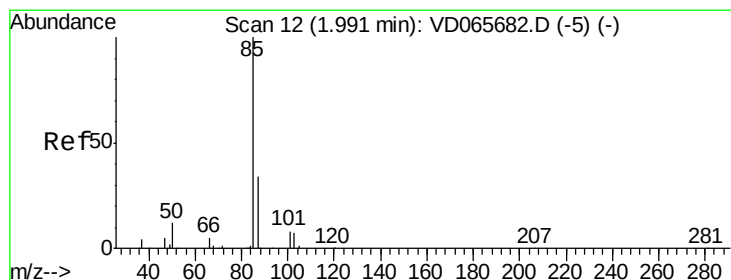
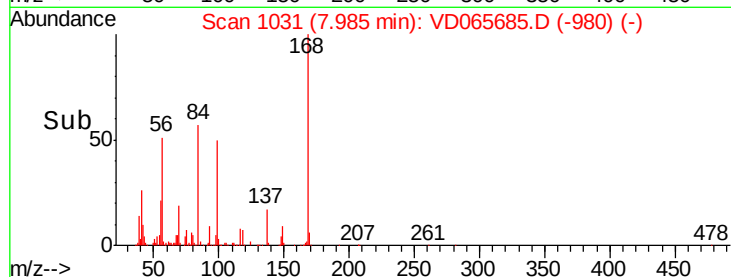
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.607 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065685.D

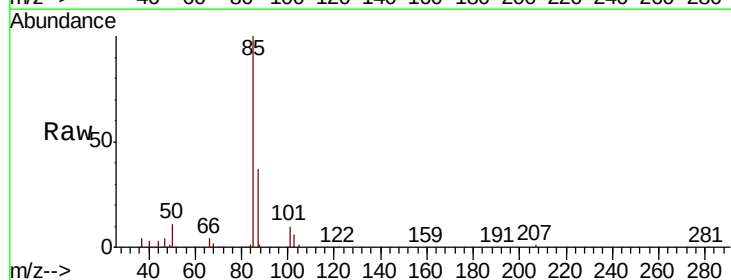
Acq: 29 Apr 2020 18:16

Tgt Ion: 85 Resp: 139299

Ion Ratio Lower Upper

85 100

87 37.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

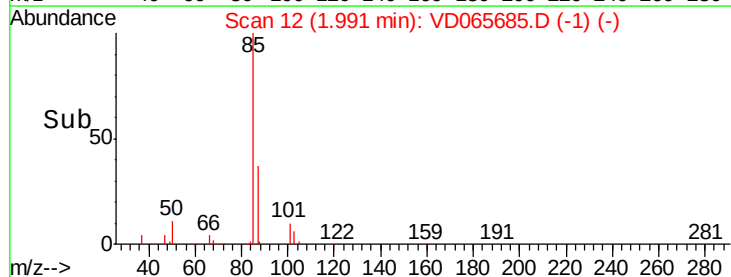
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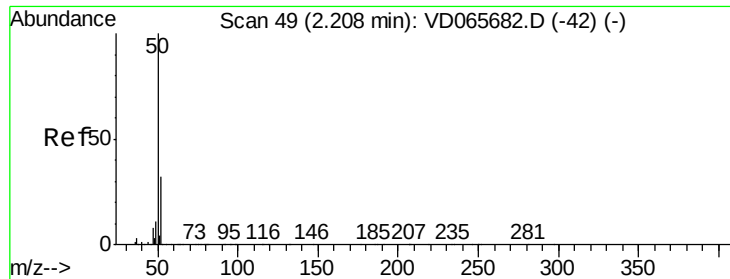
40000

20000

0

Time-->





#3

Chloromethane

Concen: 50.405 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

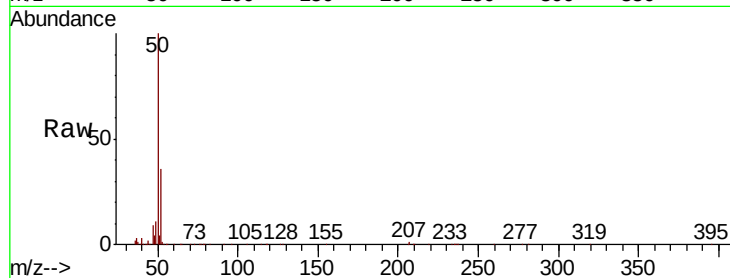
ClientSampleId :

Tot Ion: 50 Resp: 271041

Ion Ratio Lower Upper

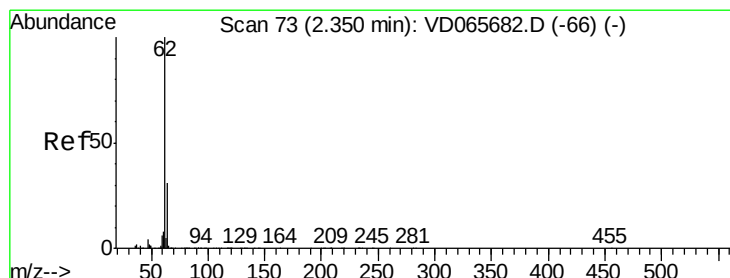
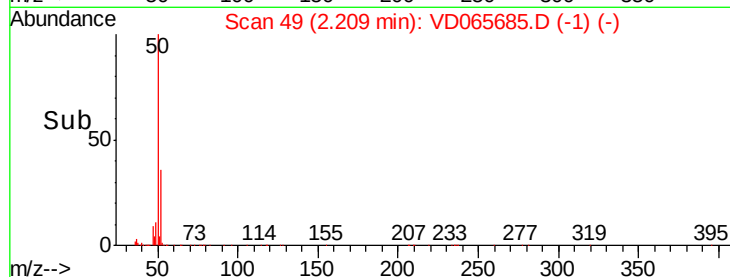
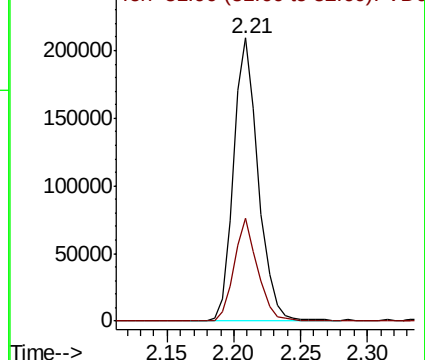
50 100

52 36.5 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.764 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065685.D

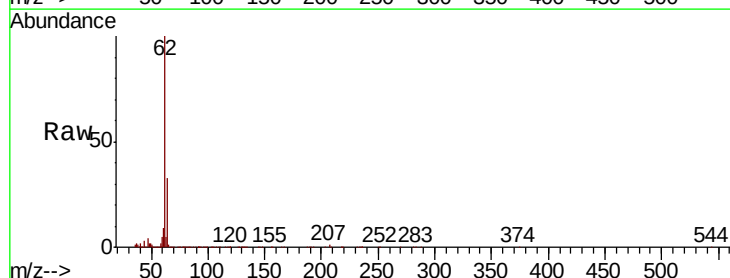
Acq: 29 Apr 2020 18:16

Tgt Ion: 62 Resp: 467043

Ion Ratio Lower Upper

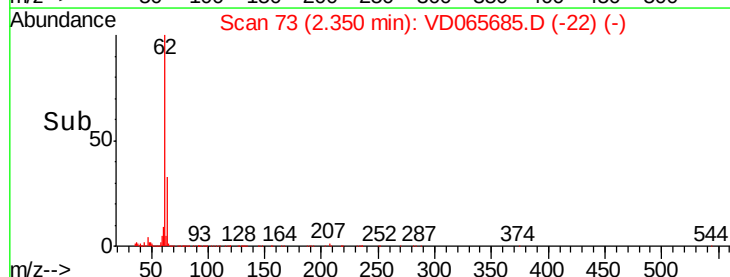
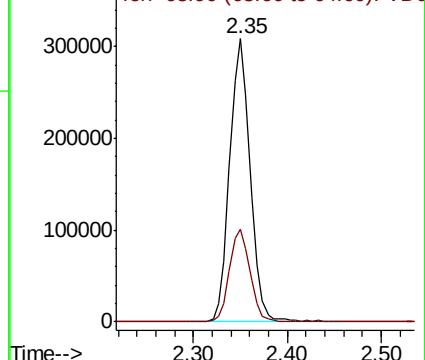
62 100

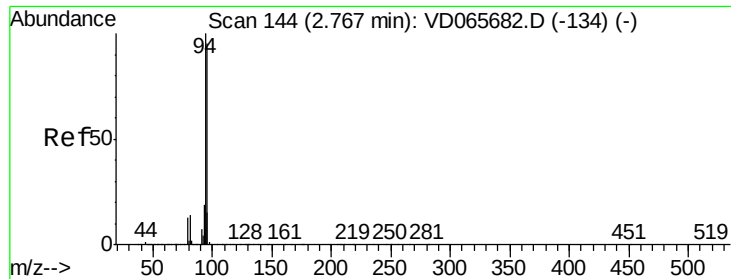
64 32.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.980 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

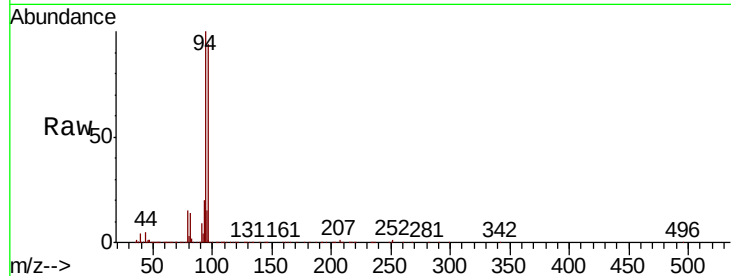
ClientSampleId :

Tot Ion: 94 Resp: 426890

Ion Ratio Lower Upper

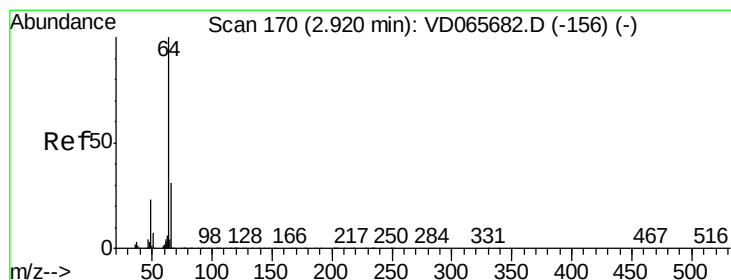
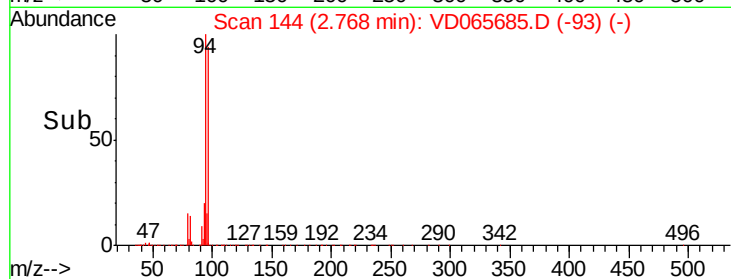
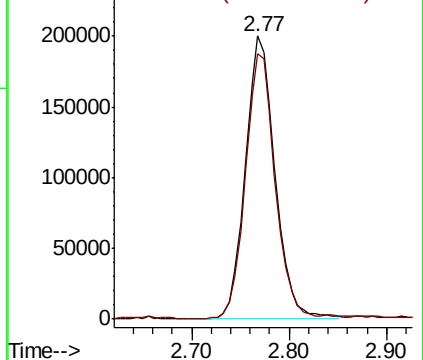
94 100

96 93.4 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.287 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD065685.D

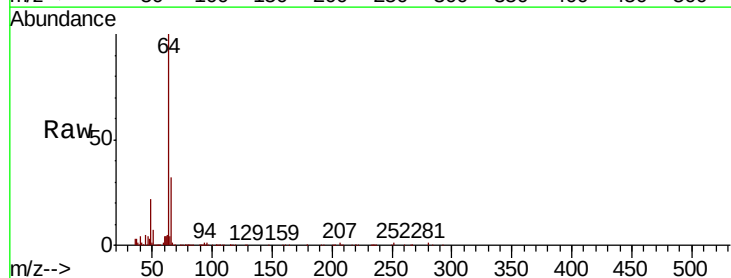
Acq: 29 Apr 2020 18:16

Tgt Ion: 64 Resp: 346352

Ion Ratio Lower Upper

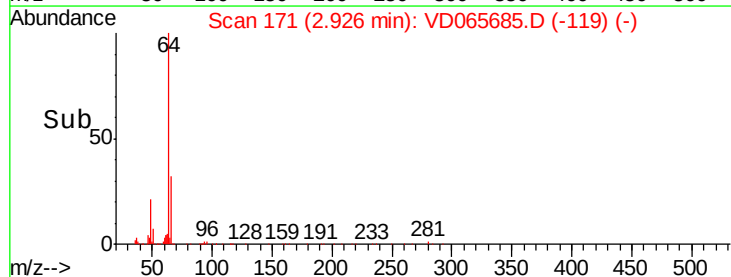
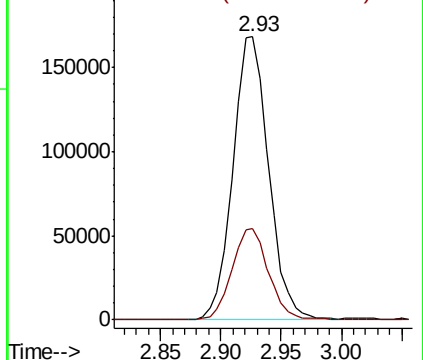
64 100

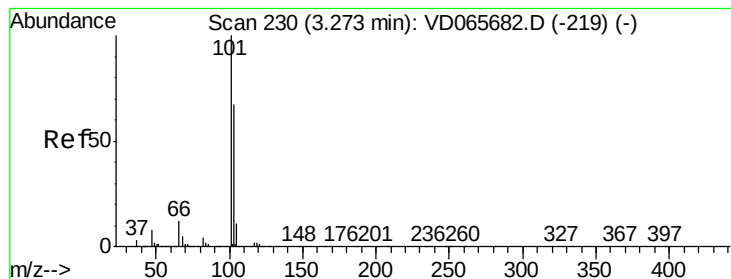
66 32.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



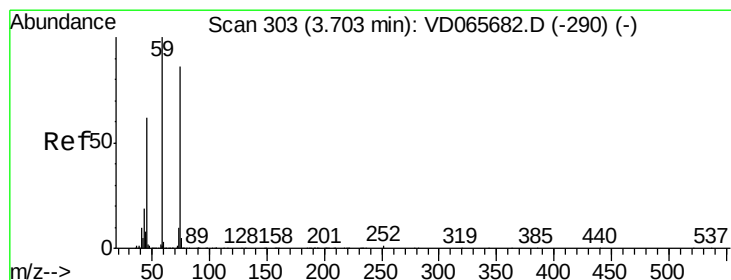
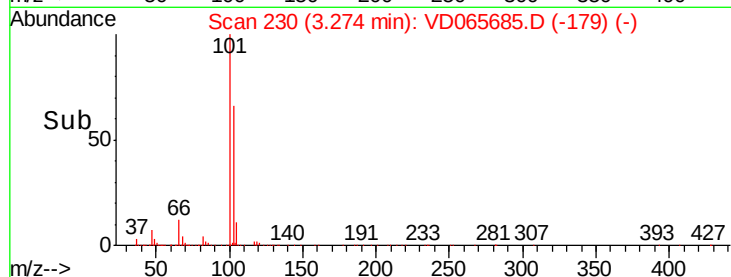
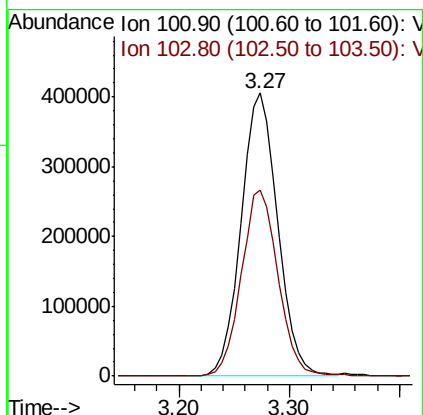
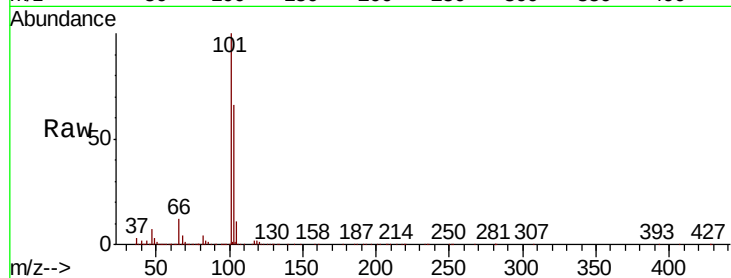


#7

Trichlorofluoromethane
 Concen: 43.412 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Instrument :
 MSVOA_D
 ClientSampleId :

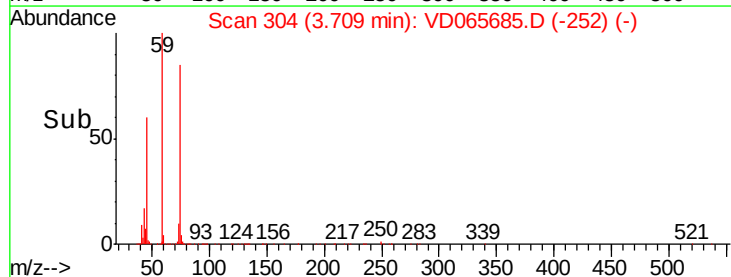
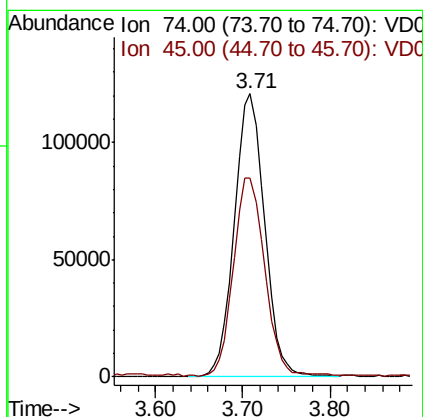
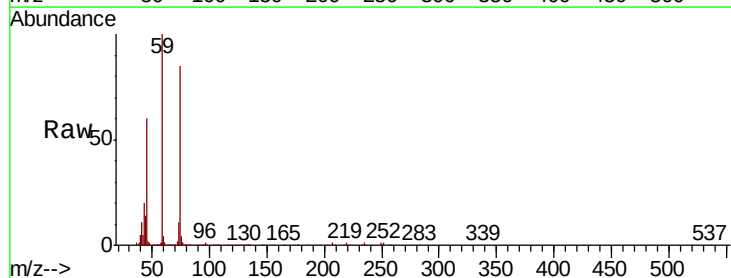
Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	53.9	80.9

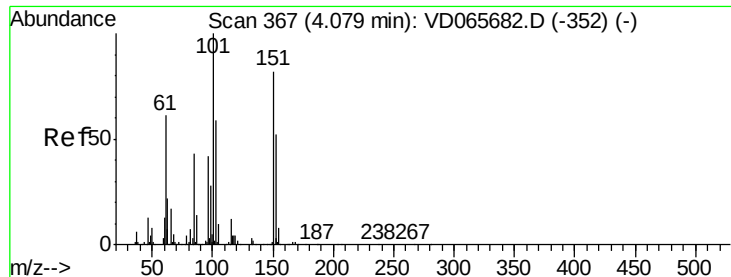


#8

Diethyl Ether
 Concen: 45.894 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	72.1	38.0	113.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 28.600 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.01 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

ClientSampleId :

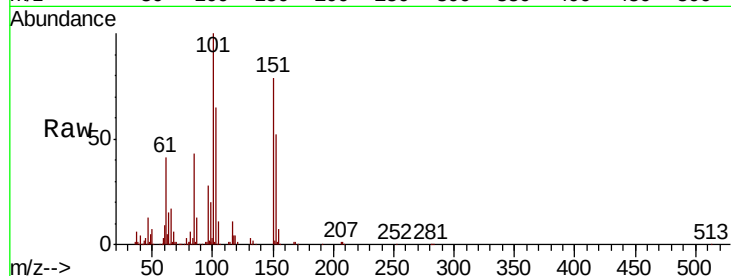
Tot Ion:101 Resp: 301625

Ion Ratio Lower Upper

101 100

85 44.2 35.4 53.2

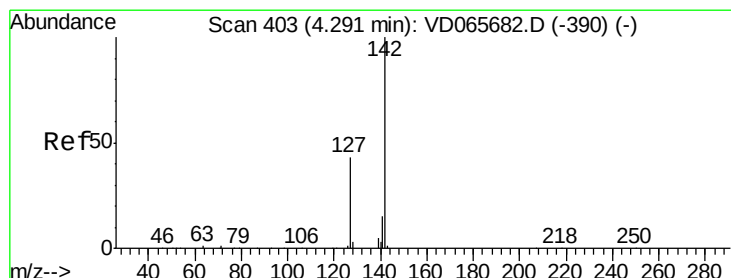
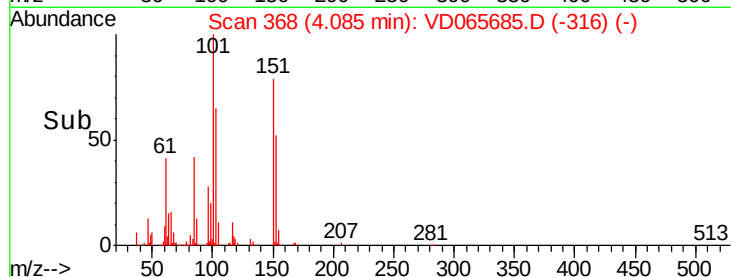
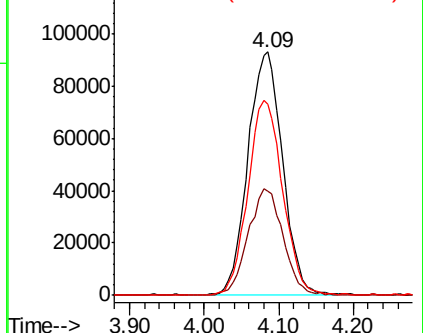
151 80.4 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 59.960 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

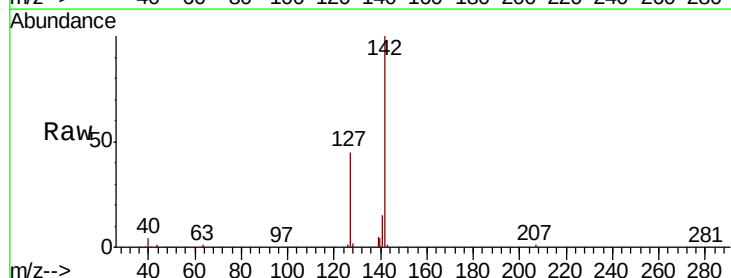
Tgt Ion:142 Resp: 325259

Ion Ratio Lower Upper

142 100

127 45.4 36.7 55.1

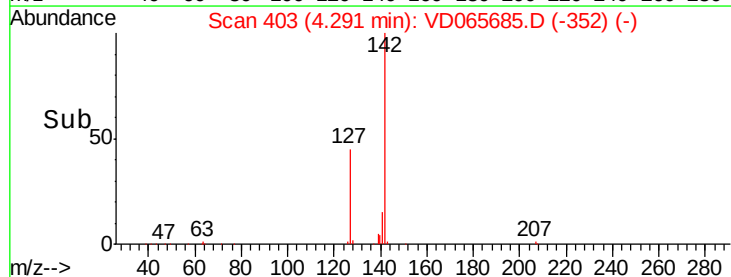
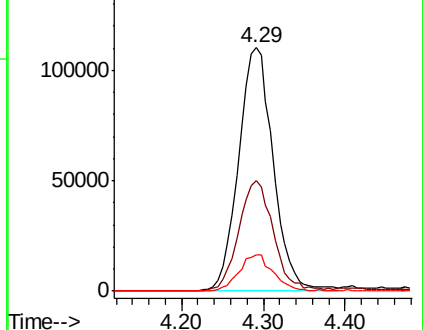
141 14.7 12.2 18.2

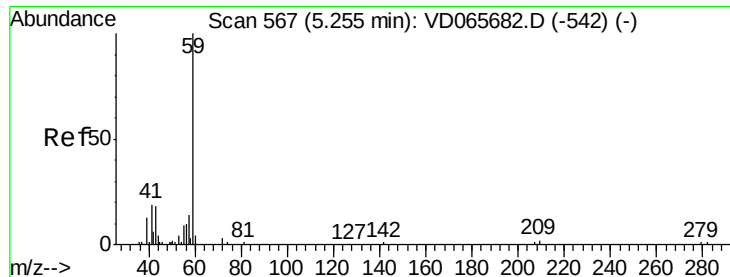


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

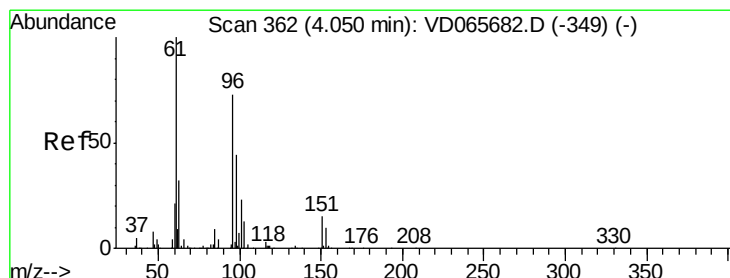
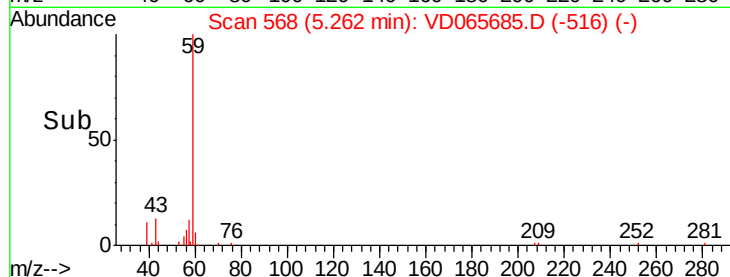
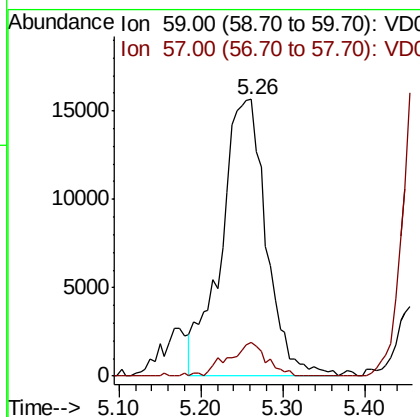
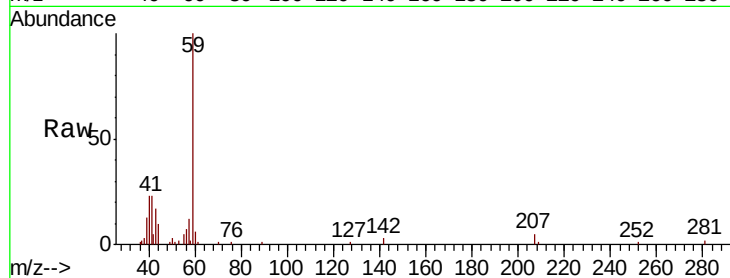




#11
Tert butyl alcohol
Concen: 264.283 ug/l
RT: 5.26 min Scan# 568
Delta R.T. 0.01 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

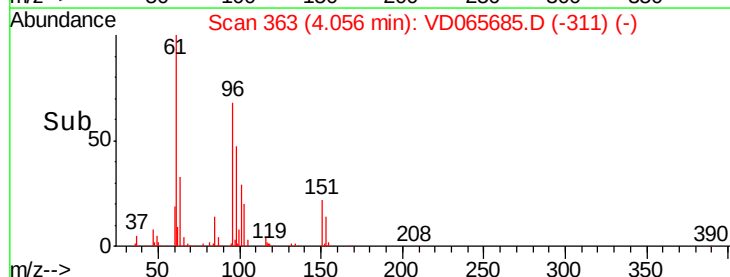
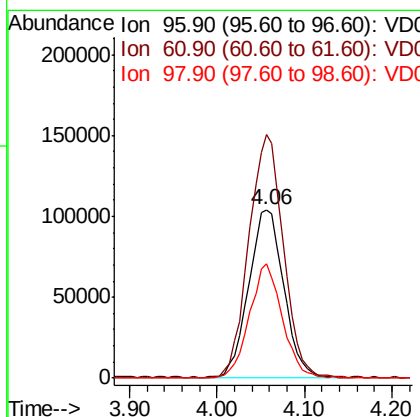
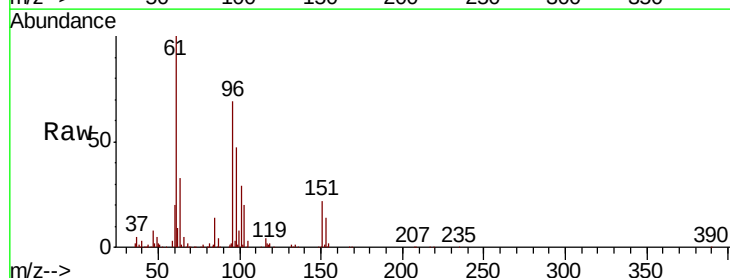
Instrument :
MSVOA_D
ClientSampleId :

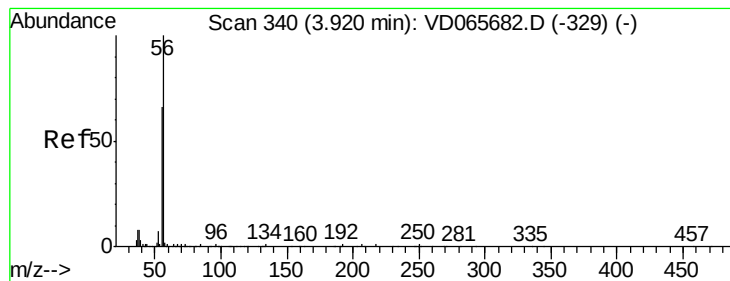
Tot Ion: 59 Resp: 60110
Ion Ratio Lower Upper
59 100
57 10.3 6.8 10.2#



#12
1,1-Dichloroethene
Concen: 27.451 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.01 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion: 96 Resp: 282152
Ion Ratio Lower Upper
96 100
61 145.1 108.9 163.3
98 68.3 47.8 71.8





#13

Acrolein

Concen: 236.410 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

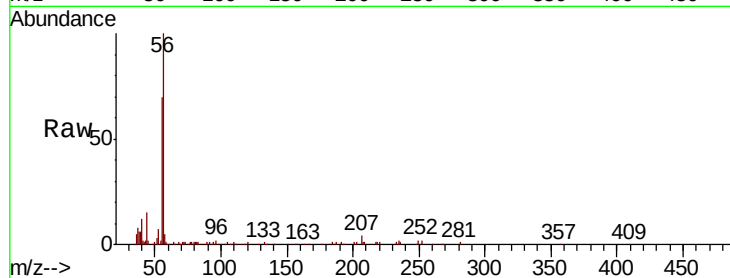
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 160059

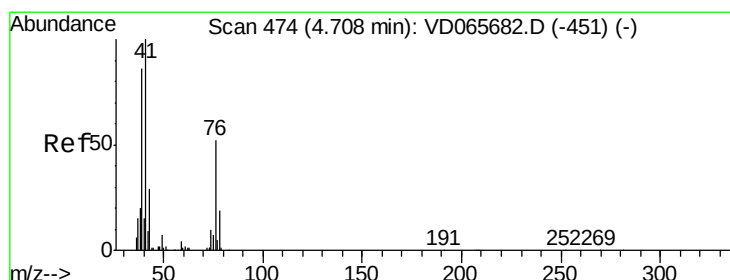
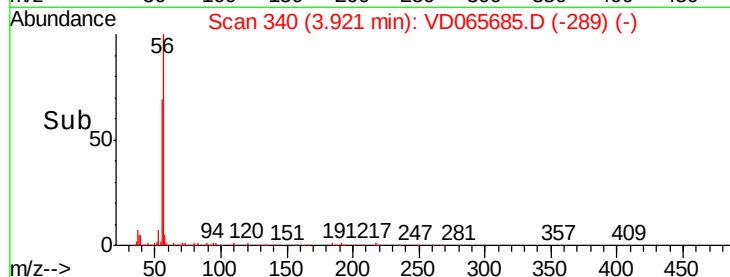
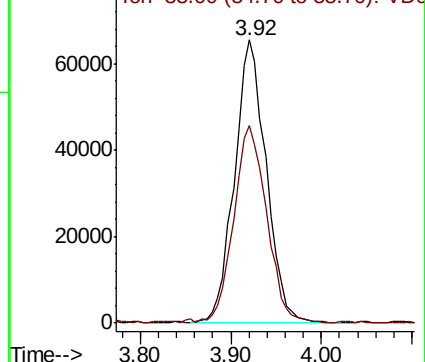
Ion Ratio Lower Upper

56 100

55 71.4 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.104 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

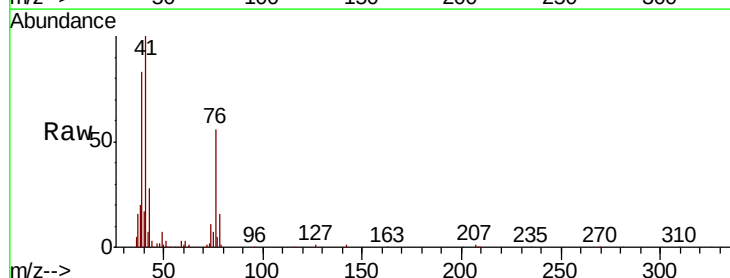
Tgt Ion: 41 Resp: 285100

Ion Ratio Lower Upper

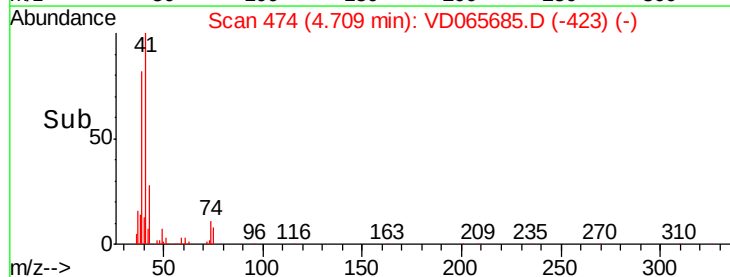
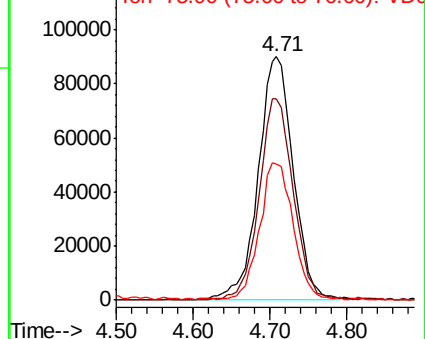
41 100

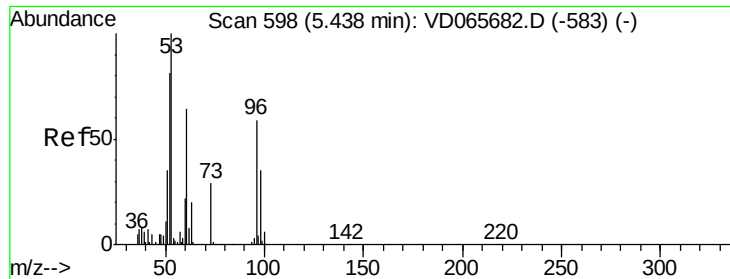
39 81.2 66.2 99.4

76 53.4 41.3 61.9



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 75.90 (75.60 to 76.60): VDC

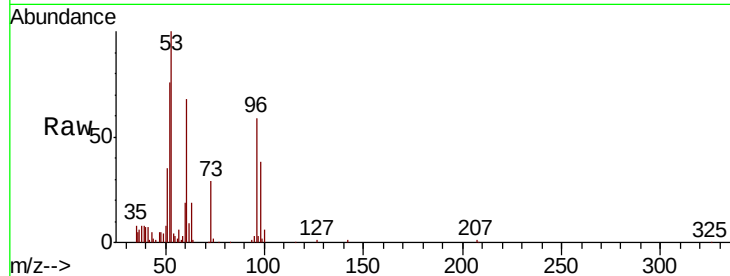




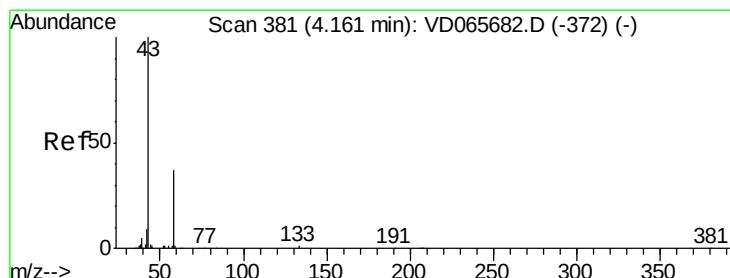
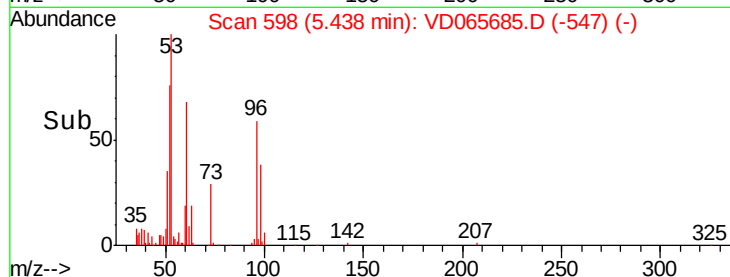
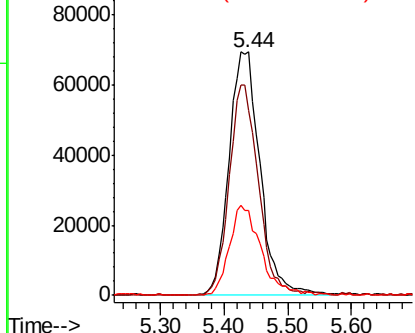
#15
 Acrylonitrile
 Concen: 256.018 ug/l
 RT: 5.44 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.2	99.4
51	37.8	31.5	47.3

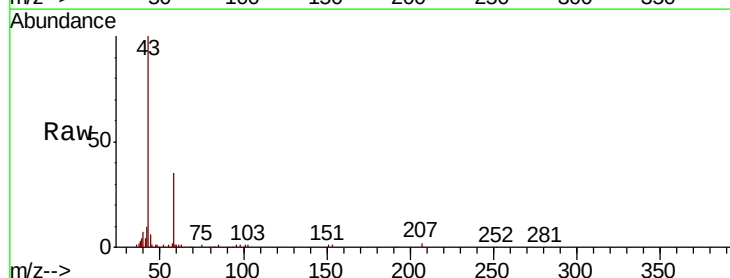


Abundance Ion 53.00 (52.70 to 53.70): VDC
 Ion 52.00 (51.70 to 52.70): VDC
 Ion 51.00 (50.70 to 51.70): VDC

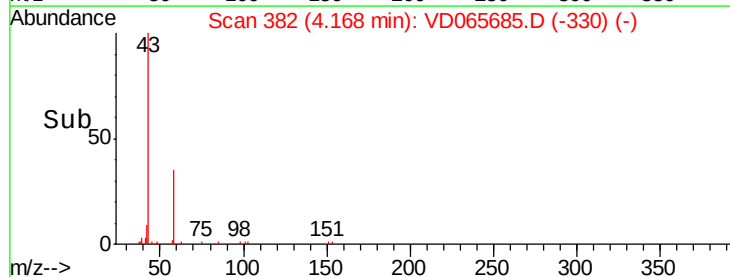
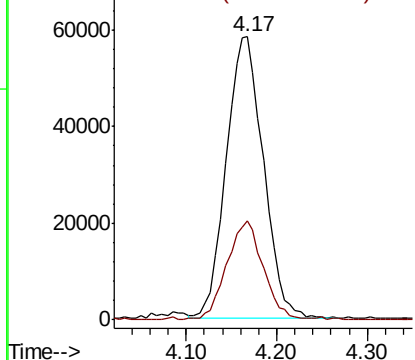


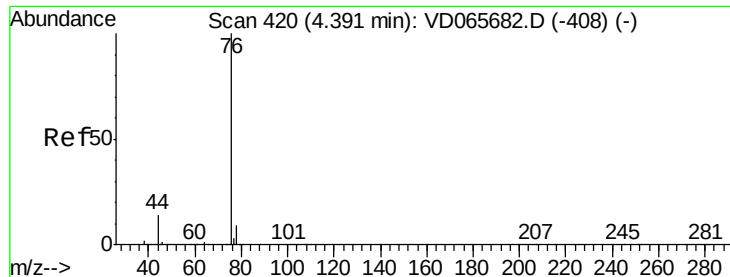
#16
 Acetone
 Concen: 175.903 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.5	29.2	43.8



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





#17

Carbon Disulfide

Concen: 47.351 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.01 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

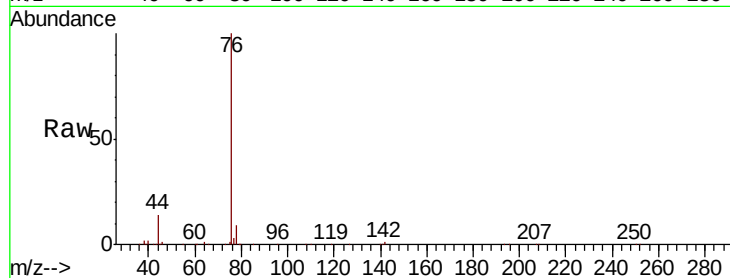
ClientSampleId :

Tot Ion: 76 Resp: 827250

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

300000

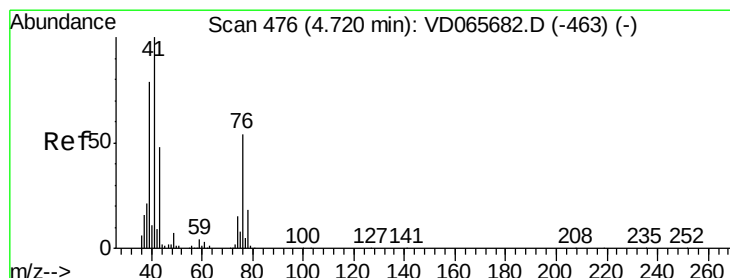
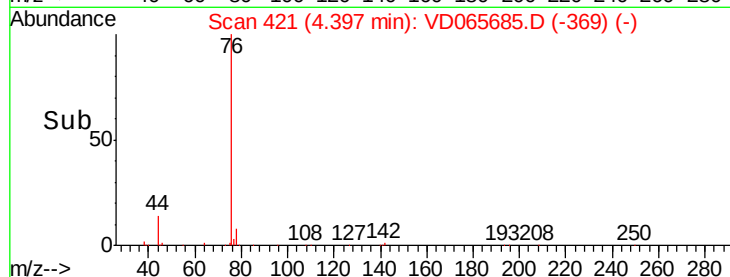
200000

100000

0

Time-->

4.30 4.40 4.50



#18

Methyl Acetate

Concen: 47.136 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD065685.D

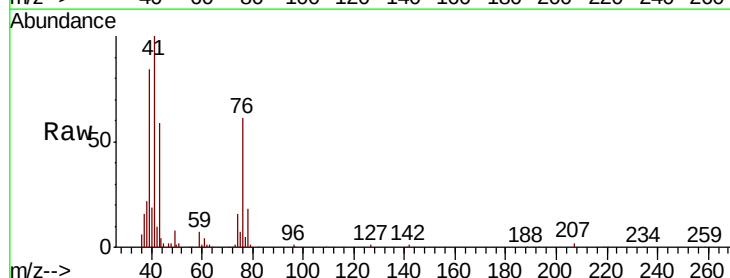
Acq: 29 Apr 2020 18:16

Tgt Ion: 43 Resp: 103329

Ion Ratio Lower Upper

43 100

74 32.1 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

40000

30000

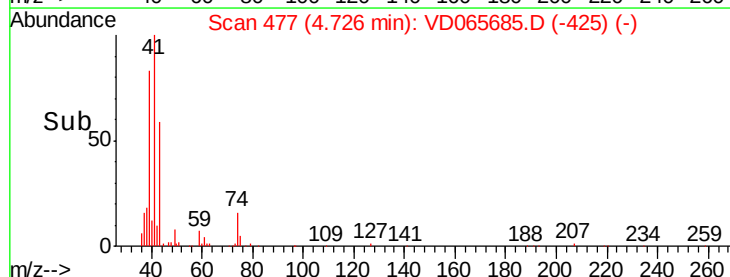
20000

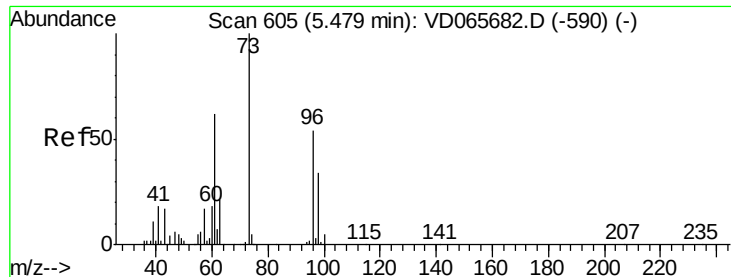
10000

0

Time-->

4.60 4.70 4.80

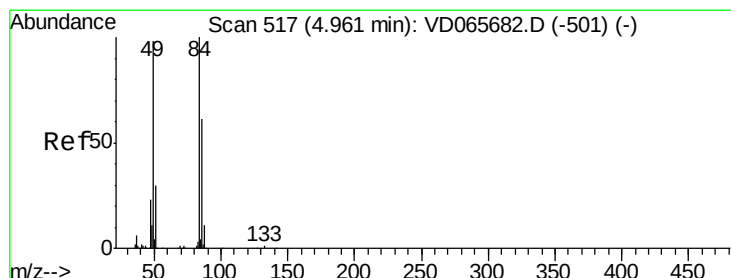
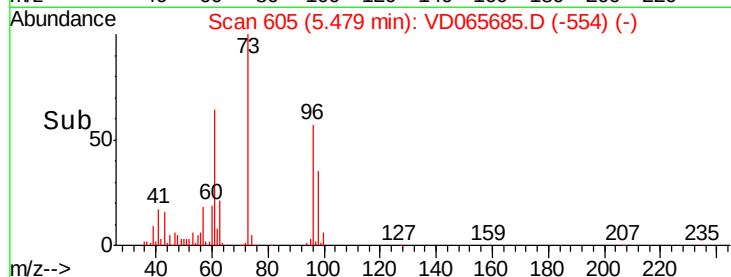
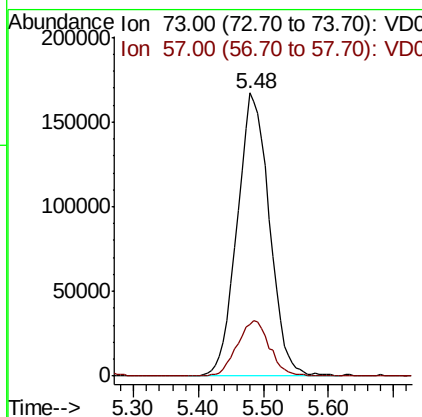
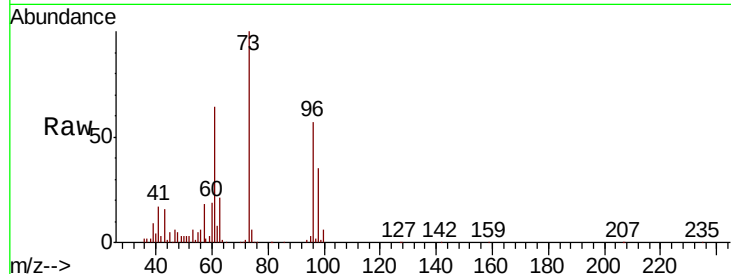




#19
Methyl tert-butyl Ether
Concen: 54.329 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

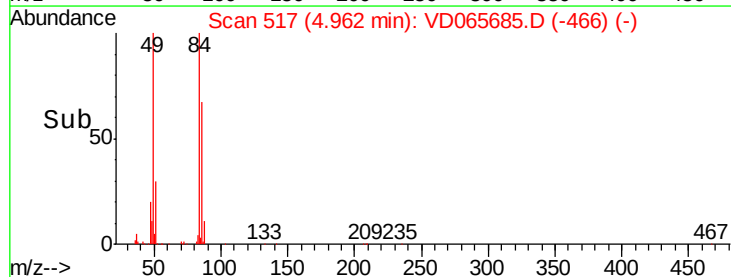
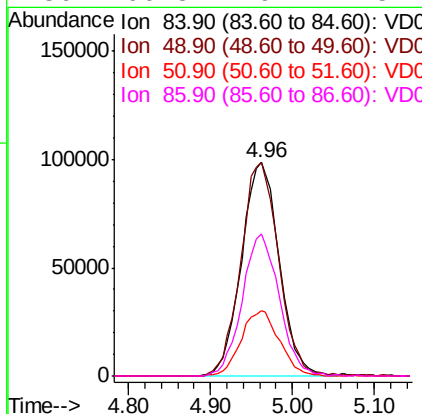
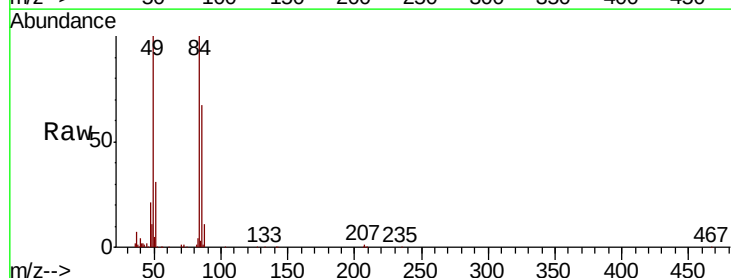
Instrument :
MSVOA_D
ClientSampleId :

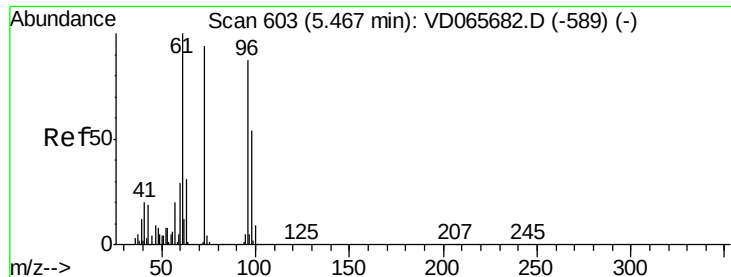
Tot Ion: 73 Resp: 574108
Ion Ratio Lower Upper
73 100
57 18.1 13.7 20.5



#20
Methylene Chloride
Concen: 53.036 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion: 84 Resp: 316744
Ion Ratio Lower Upper
84 100
49 100.1 78.6 118.0
51 30.8 24.1 36.1
86 66.8 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 51.203 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

ClientSampleId :

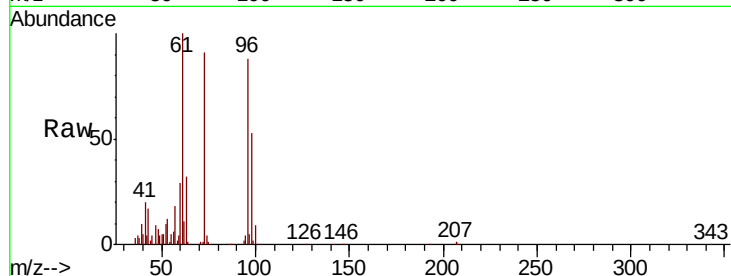
Tot Ion: 96 Resp: 344845

Ion Ratio Lower Upper

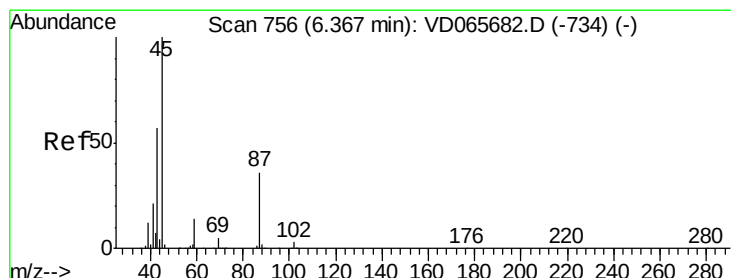
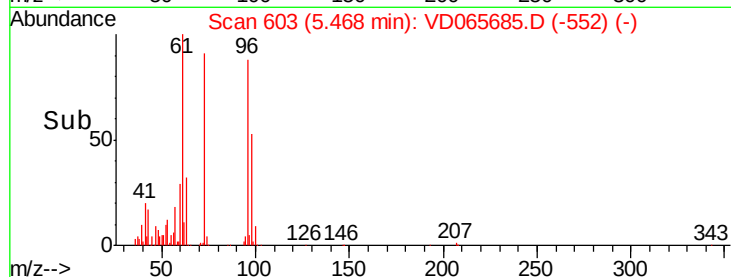
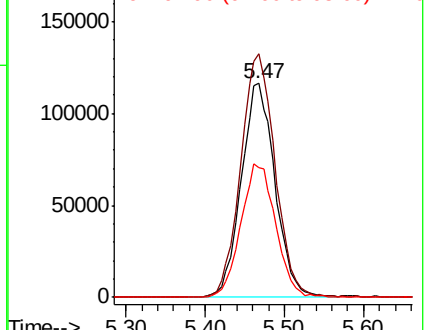
96 100

61 113.9 91.7 137.5

98 60.6 49.2 73.8



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



#22

Diisopropyl ether

Concen: 54.020 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Tgt Ion: 45 Resp: 664285

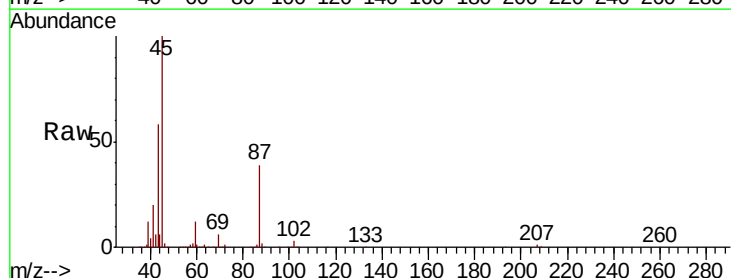
Ion Ratio Lower Upper

45 100

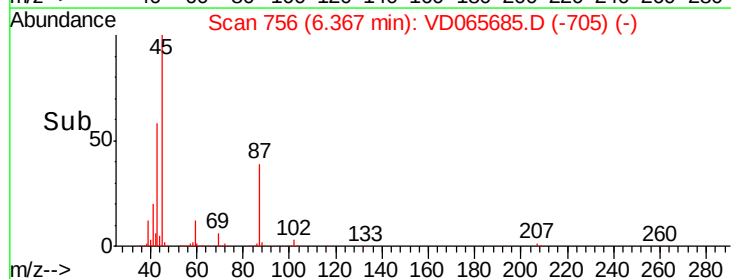
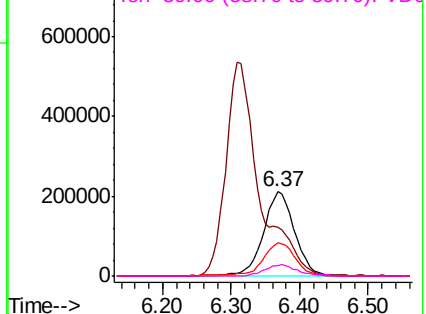
43 57.8 45.6 68.4

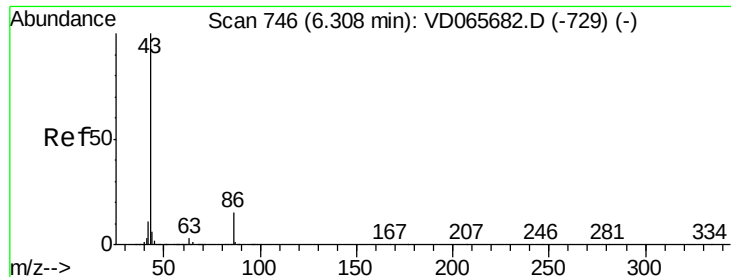
87 38.7 29.3 43.9

59 11.8 11.3 16.9



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





#23

Vinyl Acetate

Concen: 275.919 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

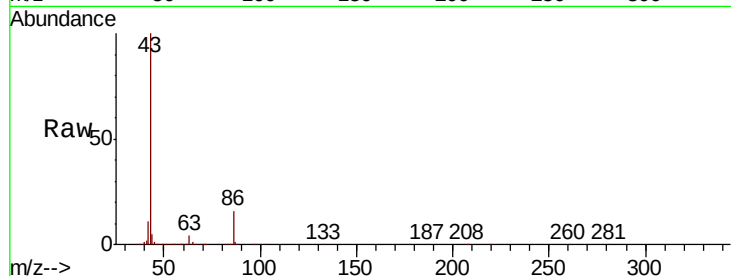
ClientSampleId :

Tot Ion: 43 Resp: 1807526

Ion Ratio Lower Upper

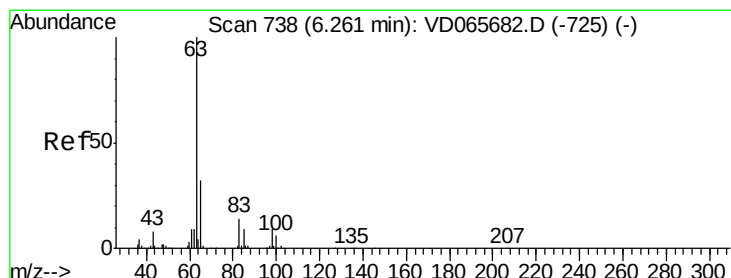
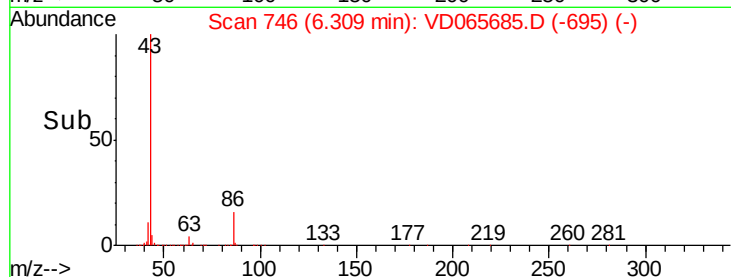
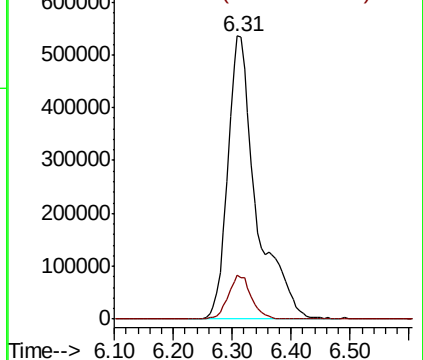
43 100

86 15.6 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.259 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

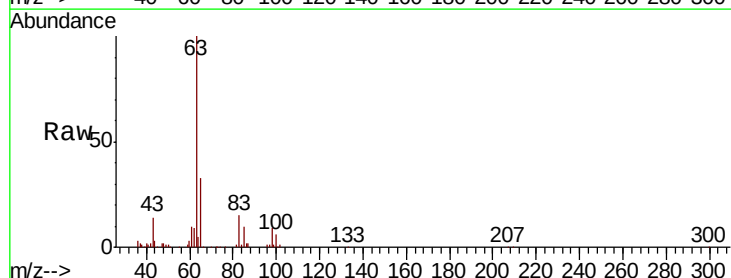
Tgt Ion: 63 Resp: 495446

Ion Ratio Lower Upper

63 100

98 9.5 4.3 13.1

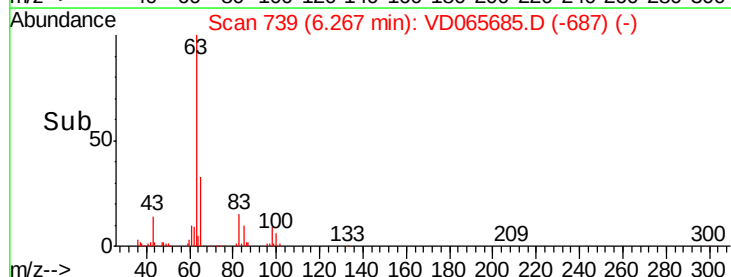
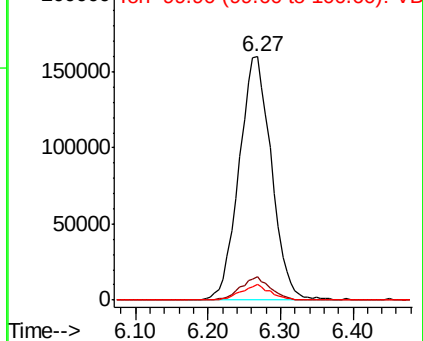
100 6.3 2.9 8.6

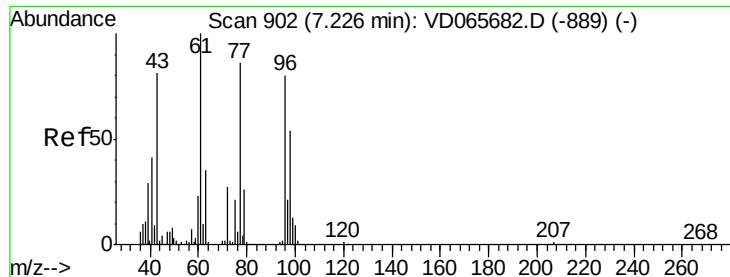


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 238.894 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

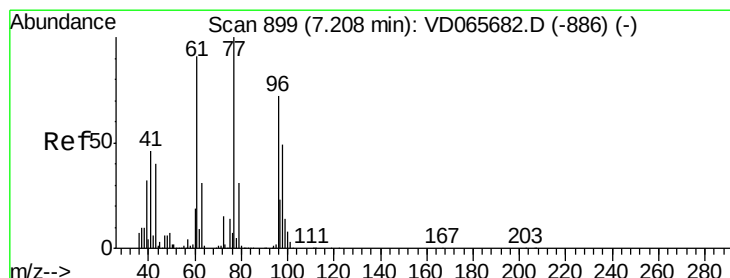
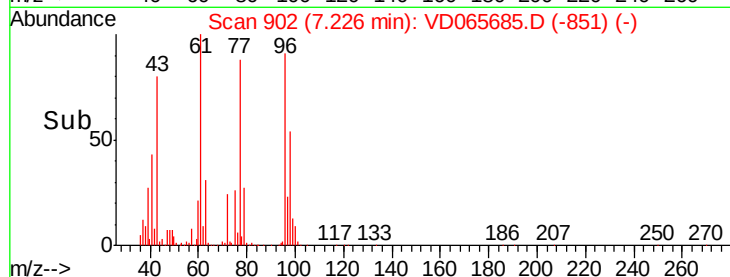
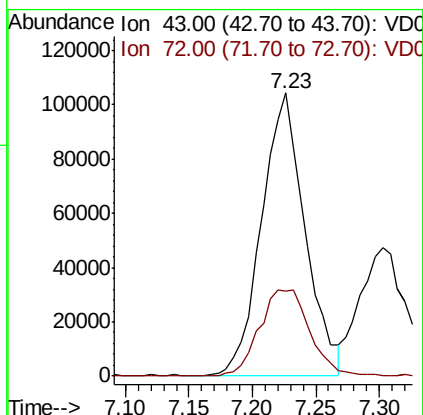
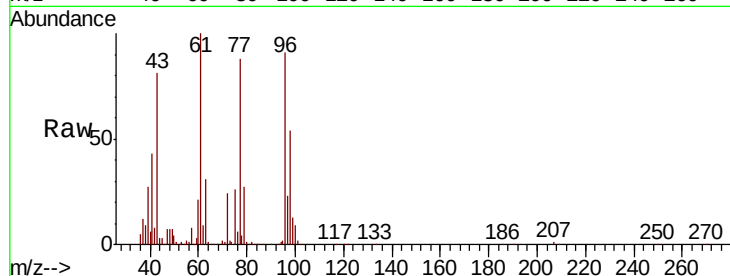
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 248306

Ion Ratio Lower Upper

43 100

72 30.0 26.1 39.1



#26

2,2-Dichloropropane

Concen: 47.200 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065685.D

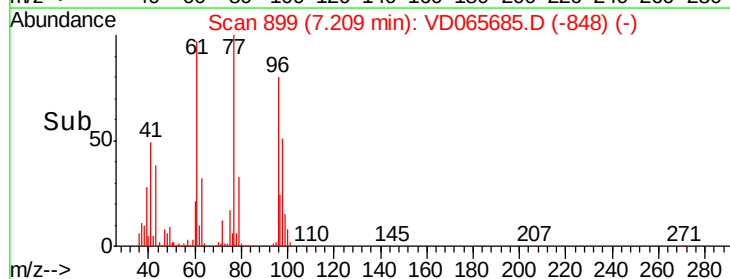
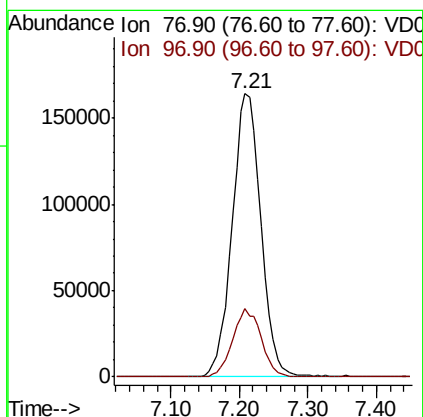
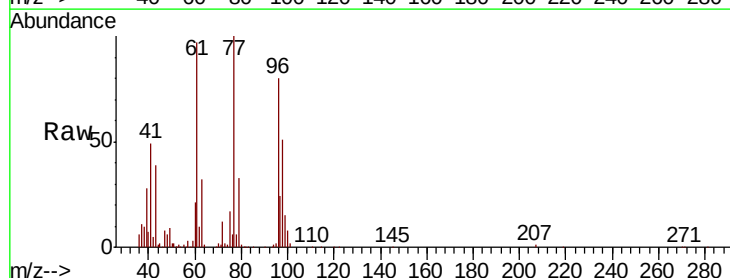
Acq: 29 Apr 2020 18:16

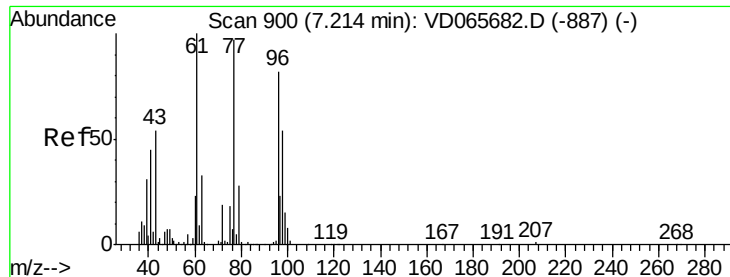
Tgt Ion: 77 Resp: 475807

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8



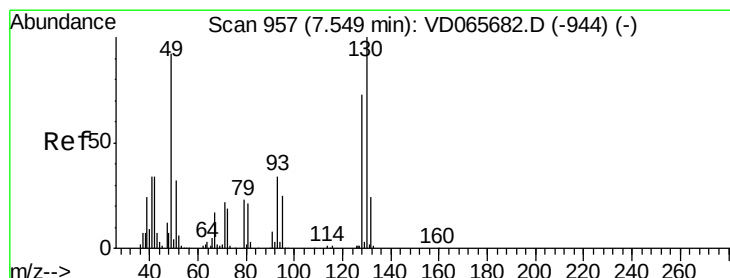
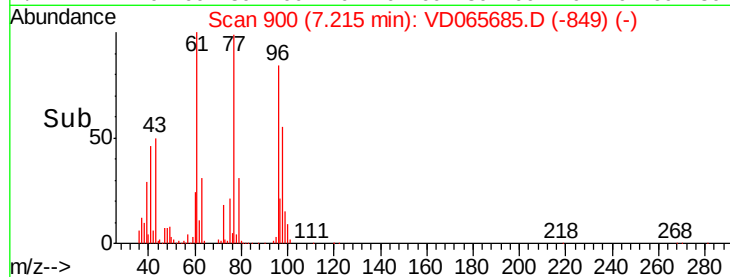
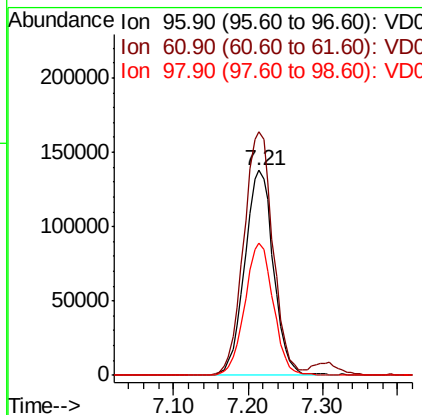
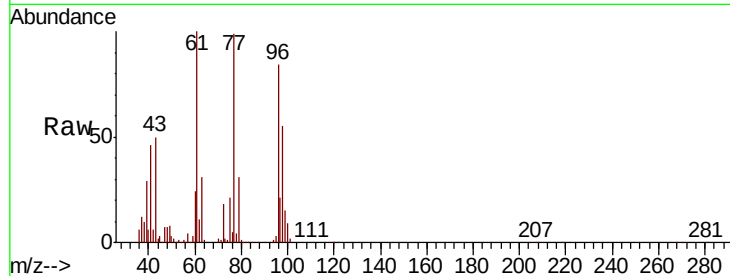


#27

cis-1,2-Dichloroethene
 Concen: 52.223 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Instrument :
 MSVOA_D
 ClientSampleId :

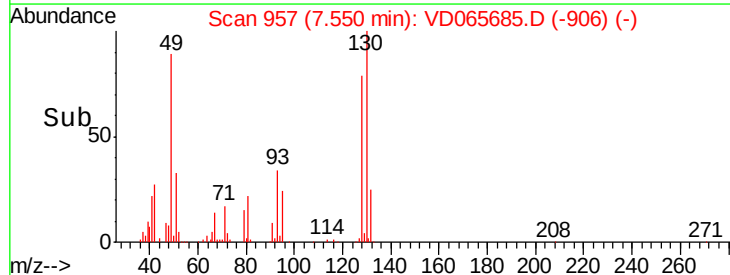
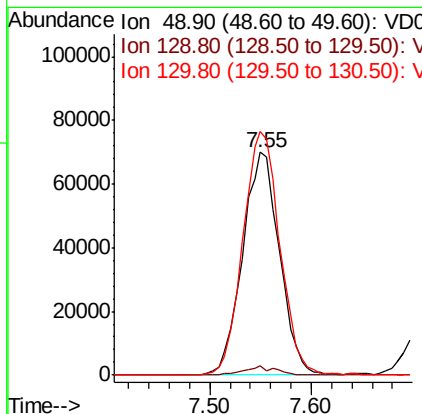
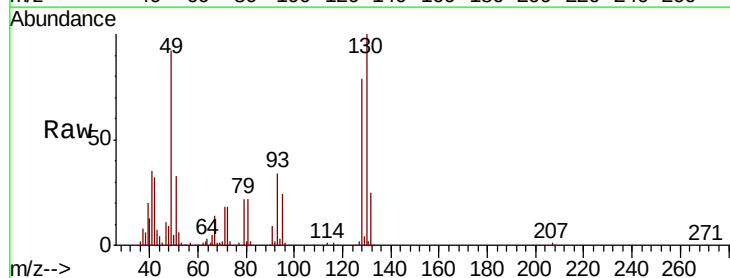
Tot Ion	Ratio	Lower	Upper
96	100		
61	120.8	0.0	250.8
98	63.9	0.0	129.8

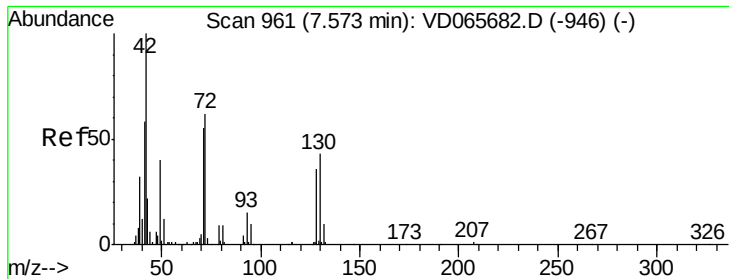


#28

Bromochloromethane
 Concen: 47.448 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.6	0.0	6.8
130	109.2	86.4	129.6

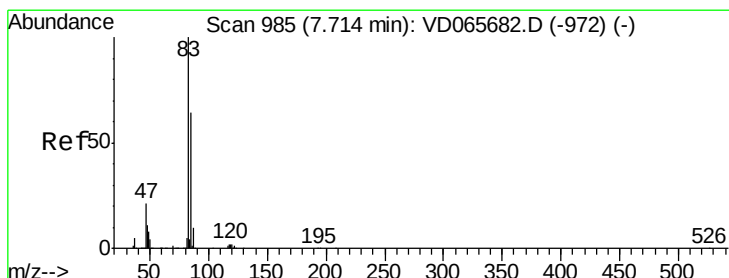
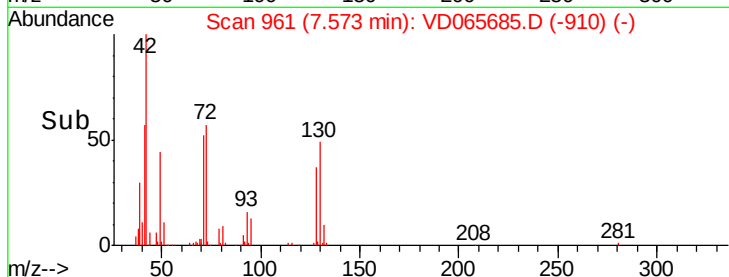
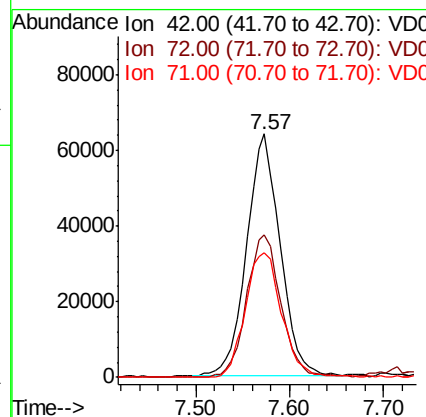
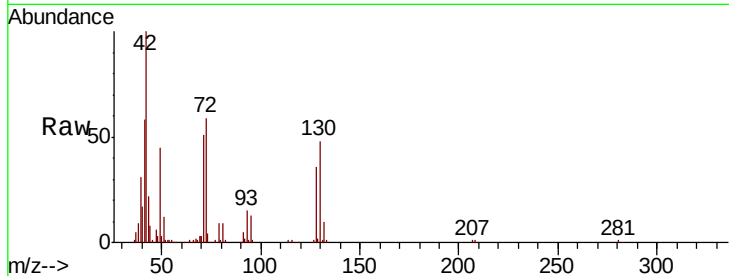




#29
Tetrahydrofuran
Concen: 257.993 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

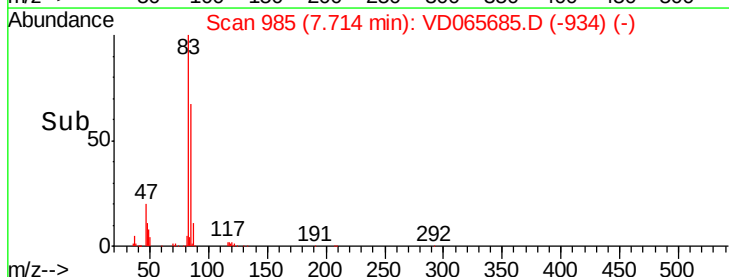
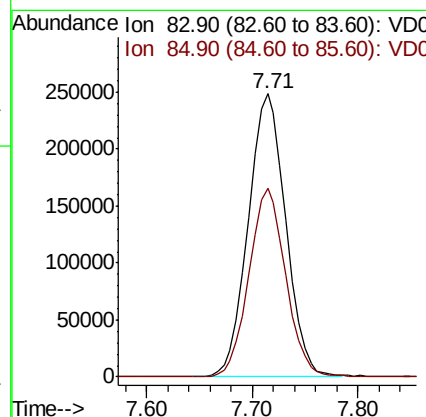
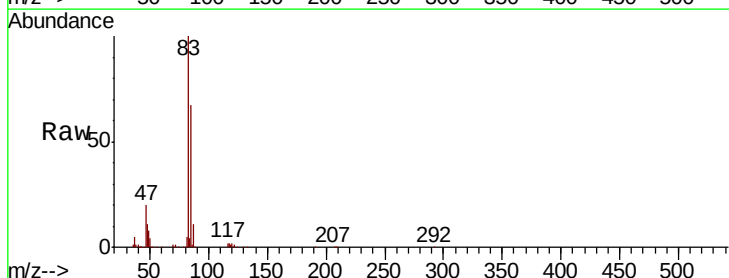
Instrument :
MSVOA_D
ClientSampleId :

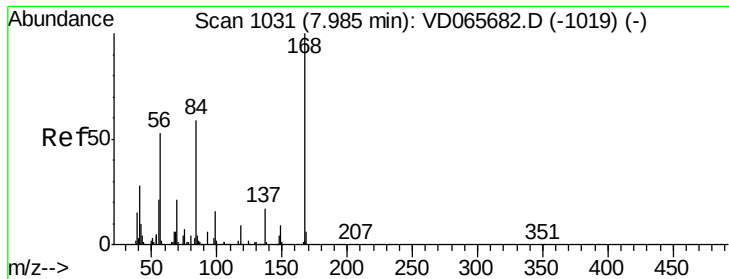
Tot Ion: 42 Resp: 159247
Ion Ratio Lower Upper
42 100
72 60.3 47.9 71.9
71 55.7 45.4 68.0



#30
Chloroform
Concen: 49.284 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion: 83 Resp: 613933
Ion Ratio Lower Upper
83 100
85 66.7 51.0 76.6

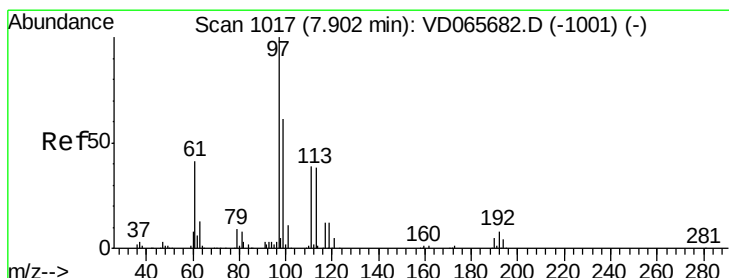
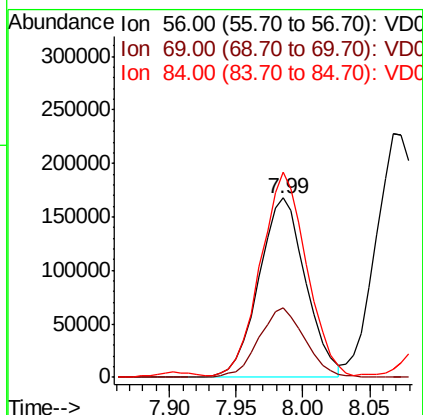
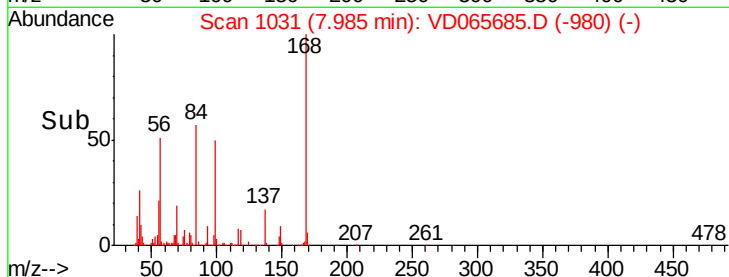
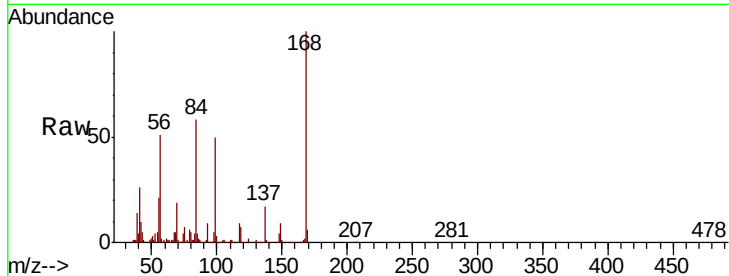




#31
Cyclohexane
Concen: 46.385 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

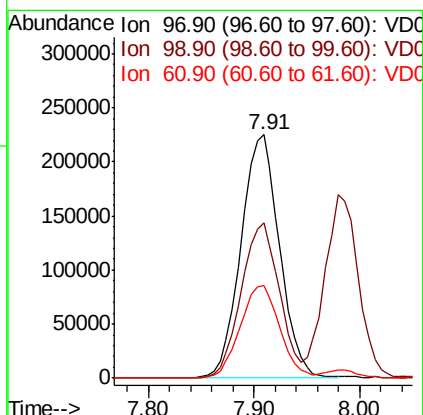
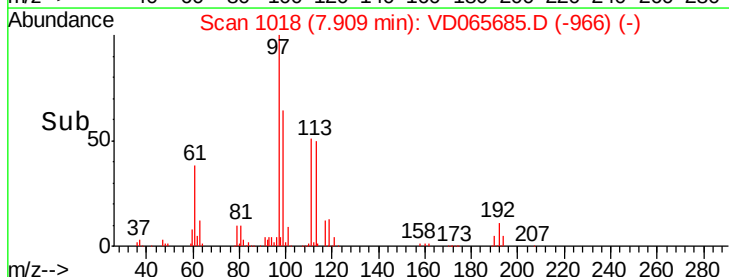
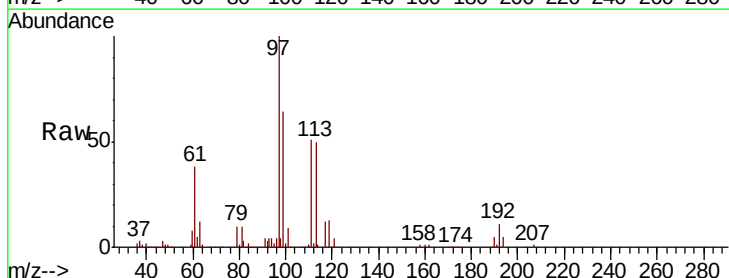
Instrument :
MSVOA_D
ClientSampleId :

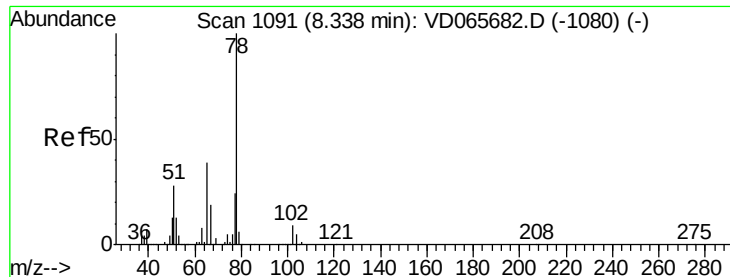
Tot Ion: 56 Resp: 407685
Ion Ratio Lower Upper
56 100
69 38.5 31.1 46.7
84 112.3 88.9 133.3



#32
1,1,1-Trichloroethane
Concen: 49.198 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion: 97 Resp: 572389
Ion Ratio Lower Upper
97 100
99 63.2 50.7 76.1
61 38.9 32.4 48.6

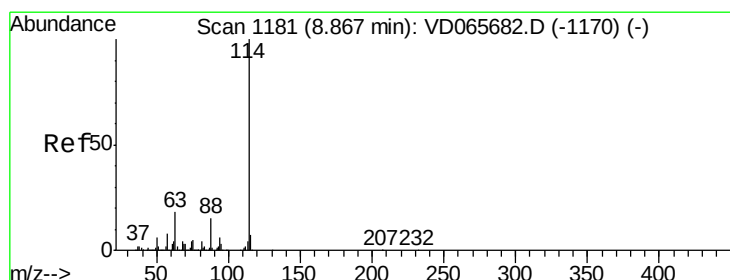
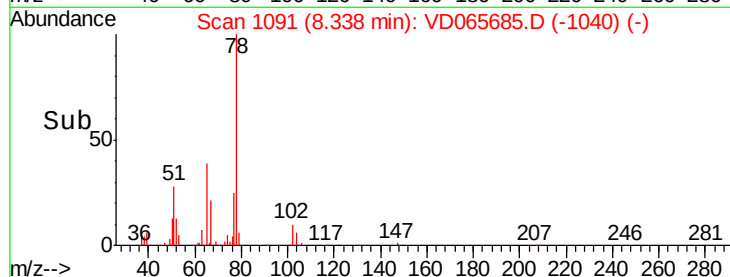
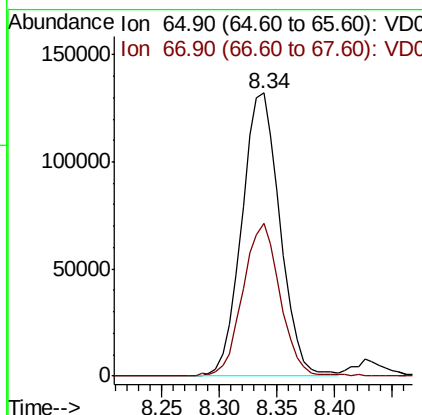
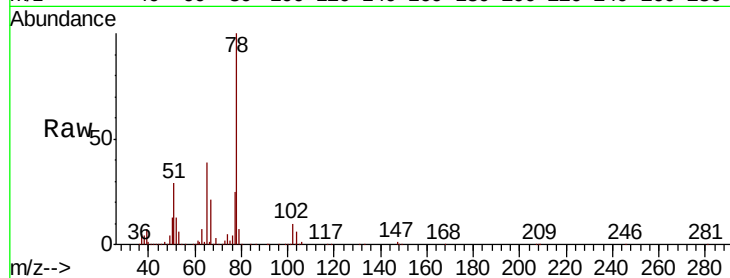




#33
 1,2-Dichloroethane-d4
 Concen: 48.872 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

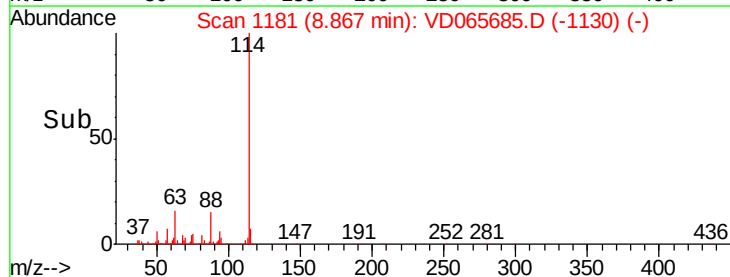
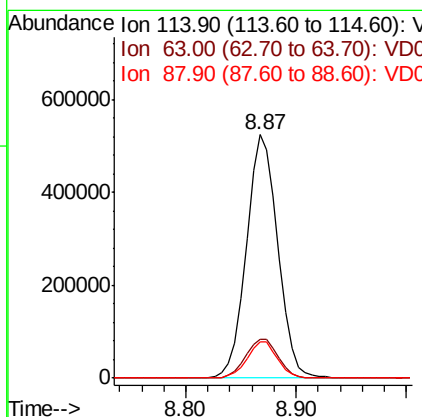
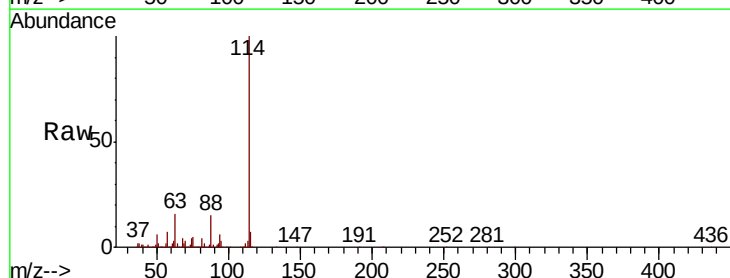
Instrument :
 MSVOA_D
 ClientSampleId :

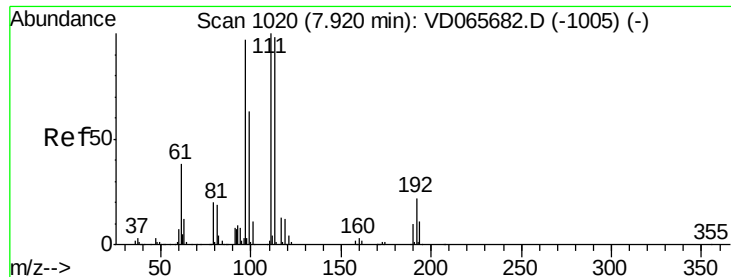
Tot Ion: 65 Resp: 304261
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion: 114 Resp: 1044585
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 36.8
 88 15.1 0.0 29.6

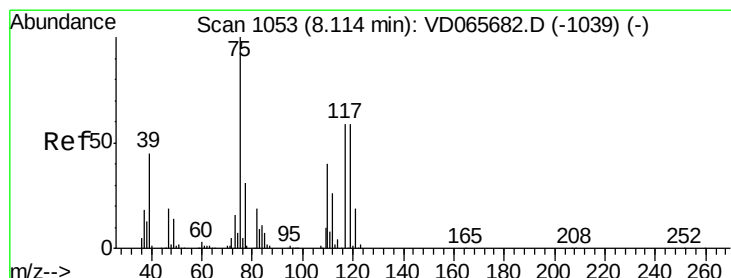
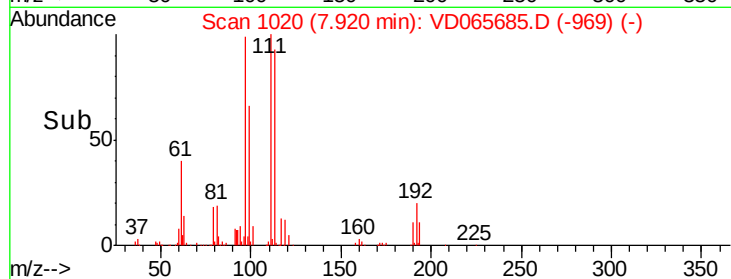
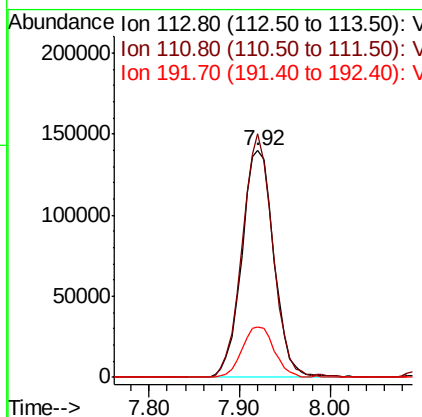
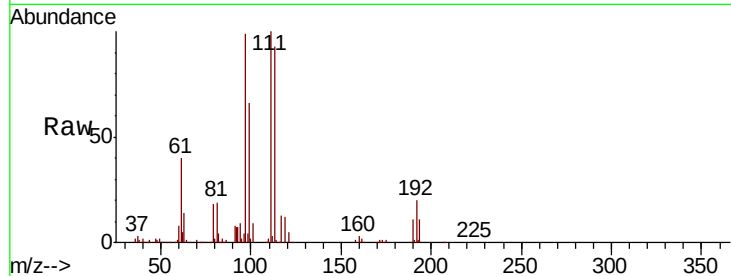




#35
 Dibromofluoromethane
 Concen: 48.366 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

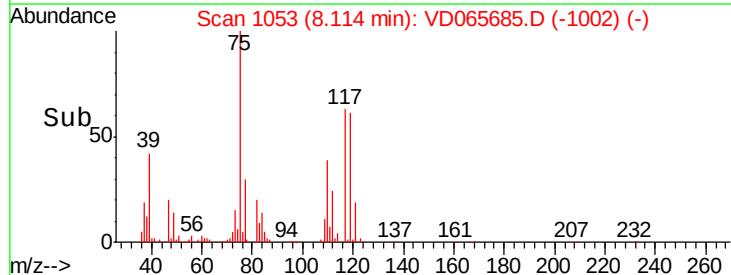
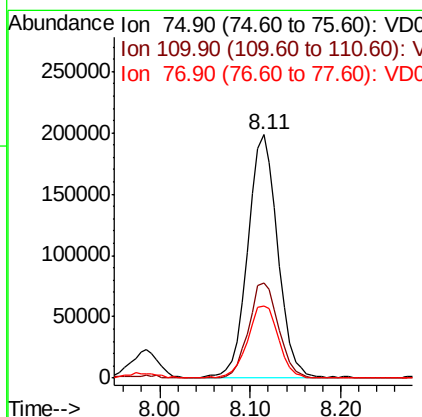
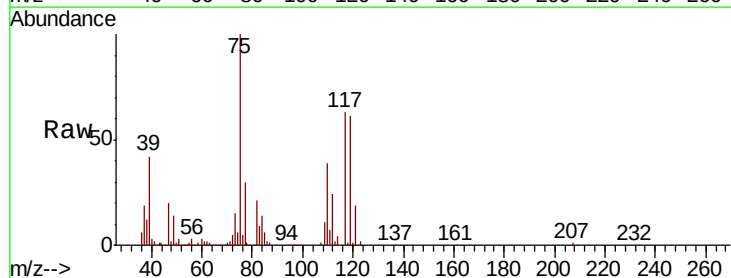
Instrument :
 MSVOA_D
 ClientSampleId :

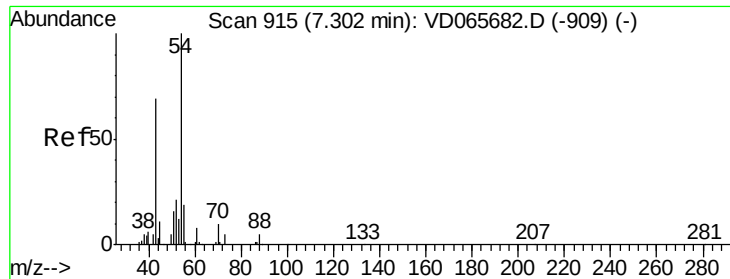
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.3	124.9
192	22.4	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 48.671 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	20.0	60.0
77	31.0	25.4	38.2

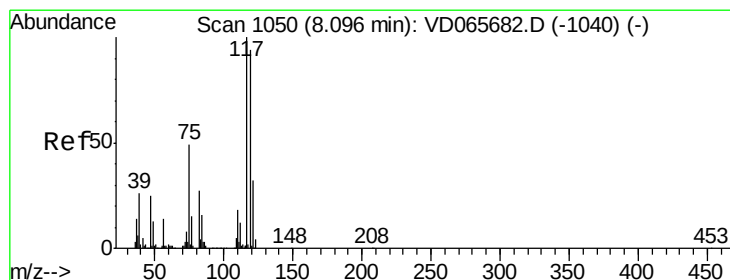
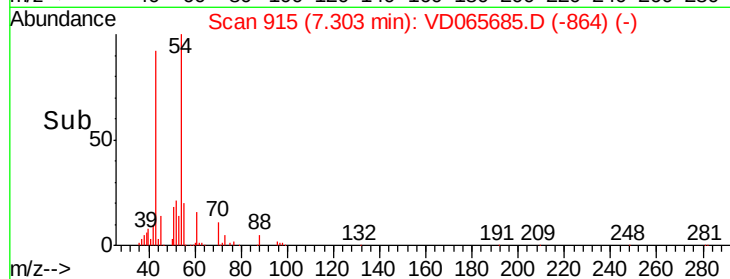
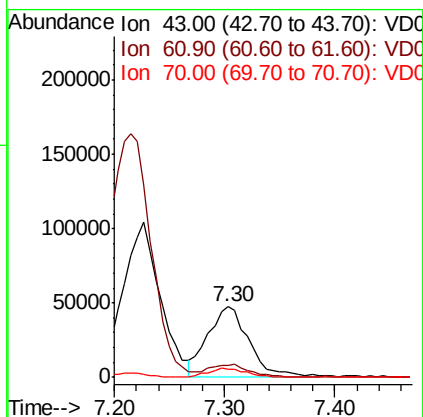
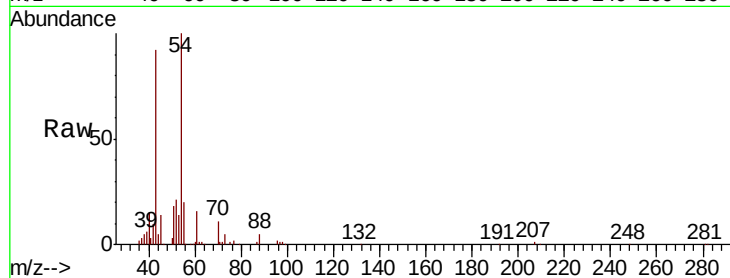




#37
Ethyl Acetate
Concen: 49.251 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

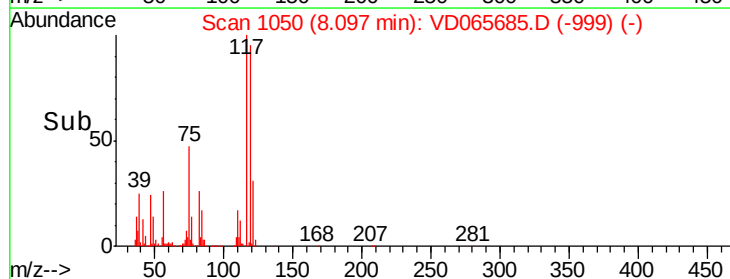
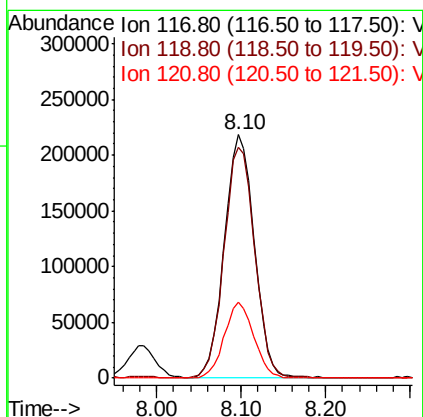
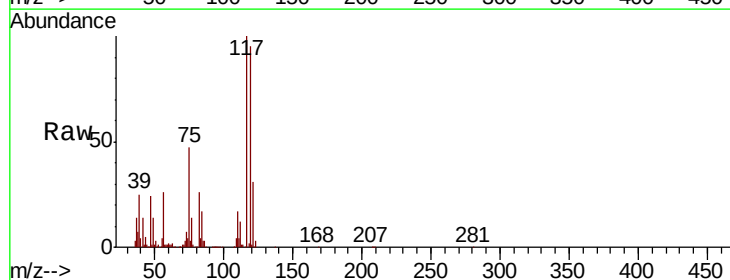
Instrument :
MSVOA_D
ClientSampled :

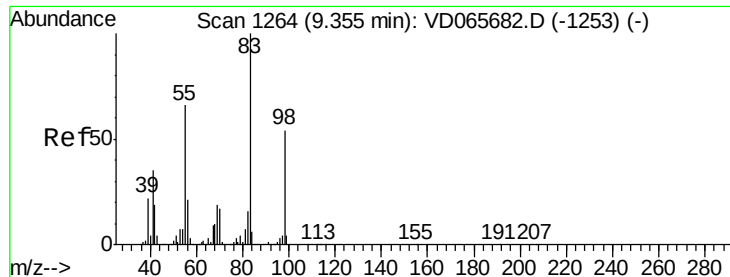
Tot Ion	43	Resp	121016
Ion Ratio	100		
Lower	13.0		
Upper	19.4		



#38
Carbon Tetrachloride
Concen: 46.571 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion	117	Resp	533119
Ion Ratio	100		
Lower	75.4		
Upper	113.2		

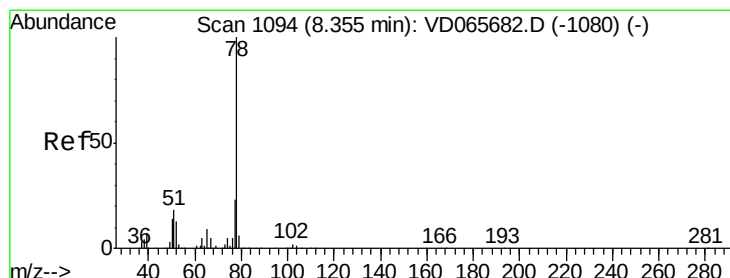
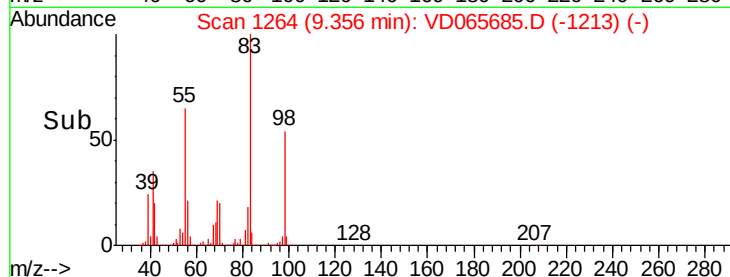
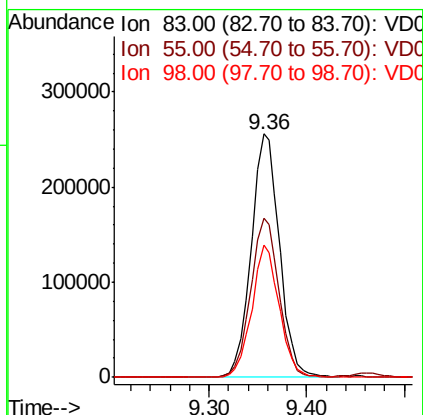
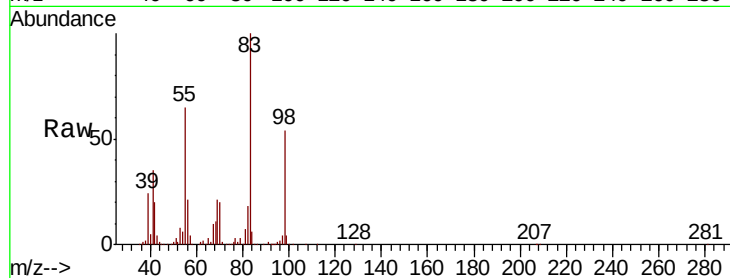




#39
Methylvlcyclohexane
Concen: 50.043 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

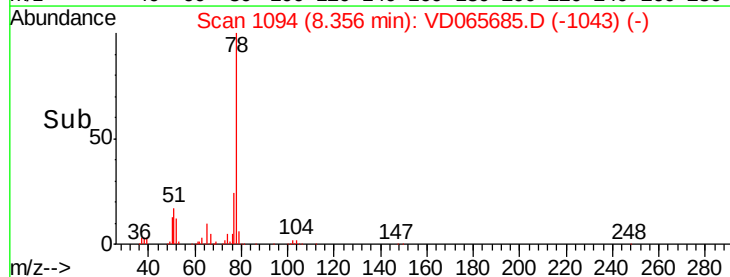
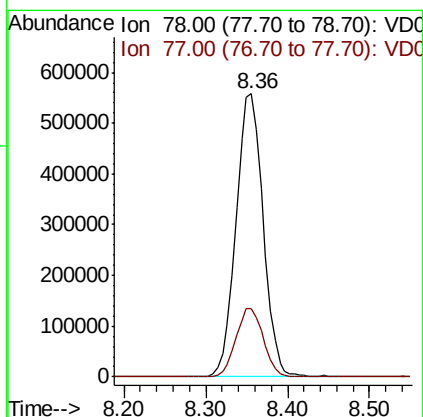
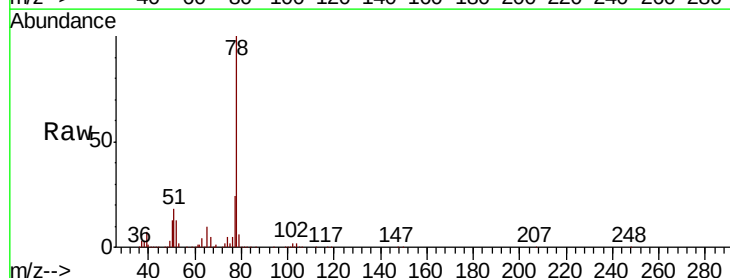
Instrument :
MSVOA_D
ClientSampleId :

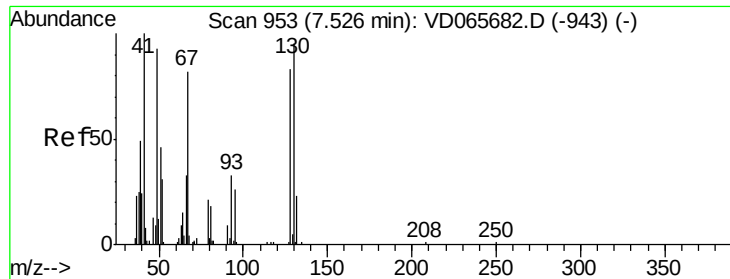
Tot Ion: 83 Resp: 521344
Ion Ratio Lower Upper
83 100
55 65.2 52.6 79.0
98 54.4 43.0 64.4



#40
Benzene
Concen: 49.396 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion: 78 Resp: 1291335
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

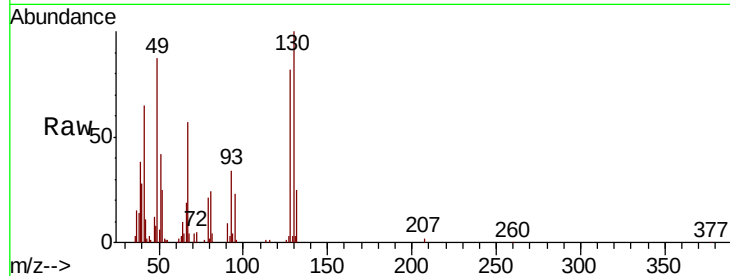




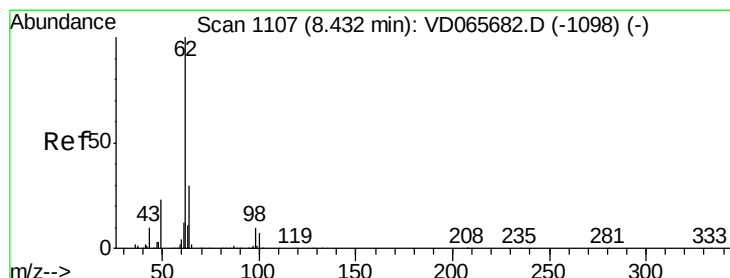
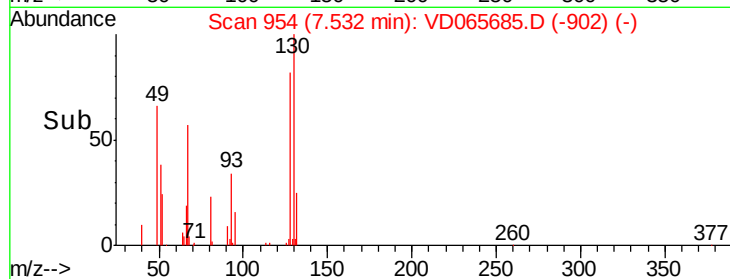
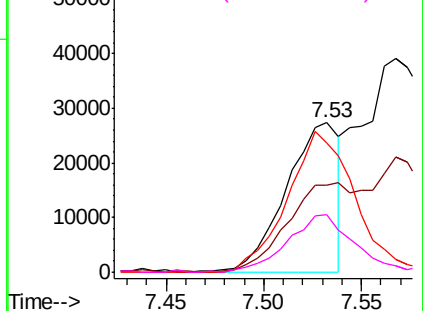
#41
Methacrylonitrile
Concen: 43.268 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 41 Resp: 52298
Ion Ratio Lower Upper
41 100
39 69.5 0.0 0.0#
67 118.4 93.6 140.4
52 48.2 40.5 60.7

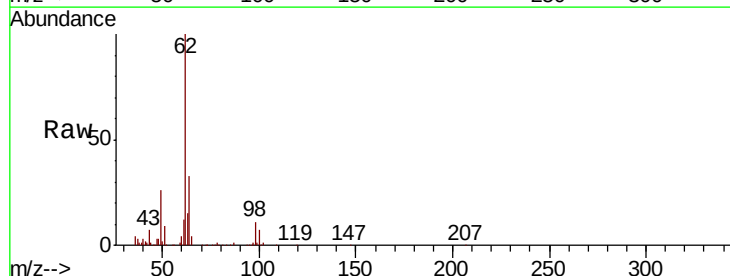


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

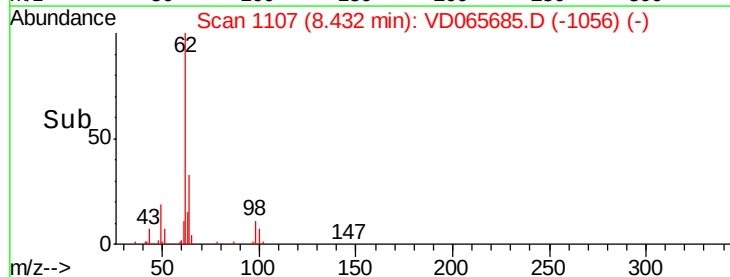
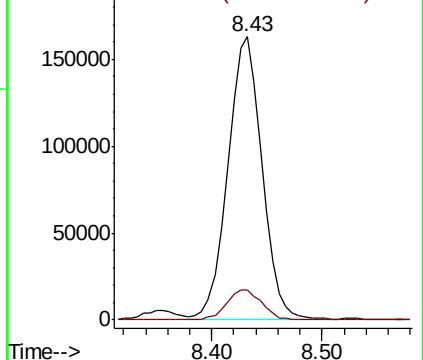


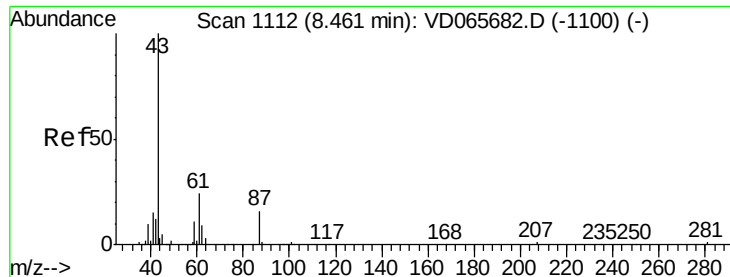
#42
1,2-Dichloroethane
Concen: 48.196 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion: 62 Resp: 351271
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.2



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





#43

Isopropyl Acetate

Concen: 48.980 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

ClientSampleId :

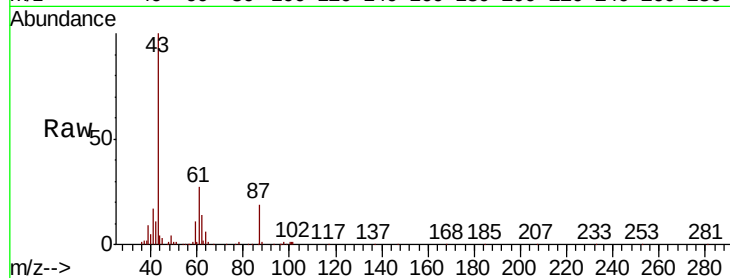
Tot Ion: 43 Resp: 227888

Ion Ratio Lower Upper

43 100

61 39.1 30.2 45.2

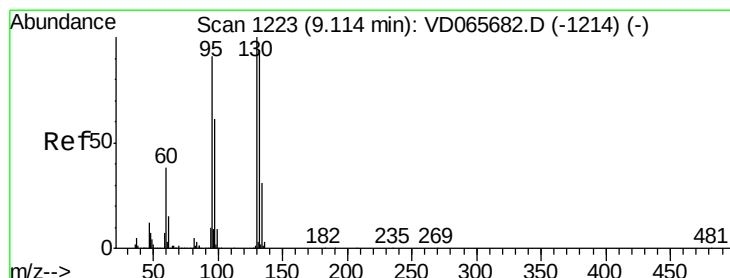
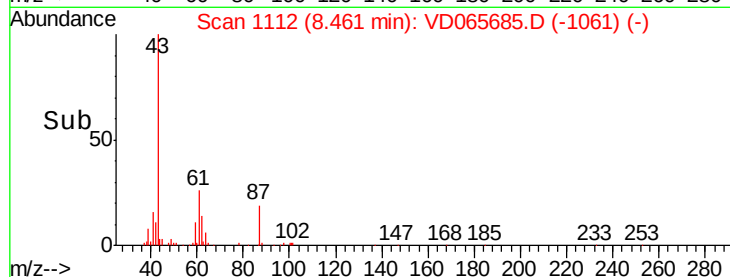
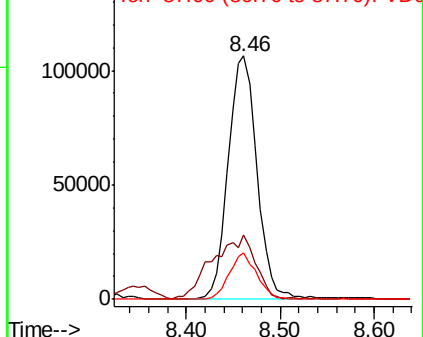
87 18.2 13.7 20.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.123 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065685.D

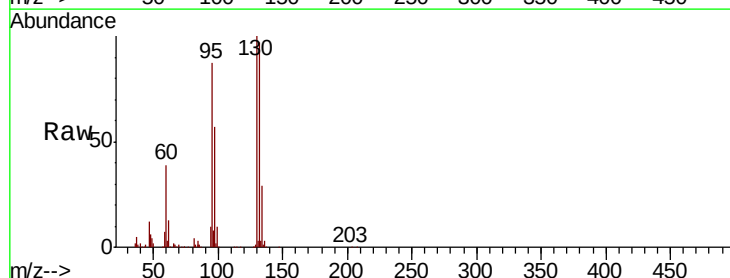
Acq: 29 Apr 2020 18:16

Tgt Ion: 130 Resp: 393228

Ion Ratio Lower Upper

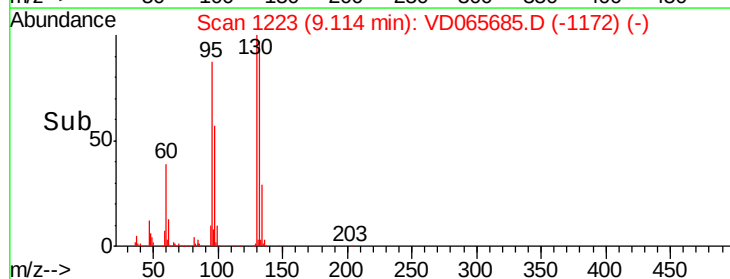
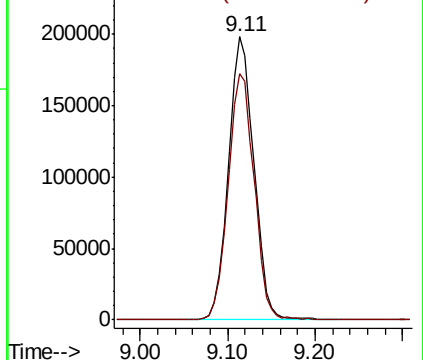
130 100

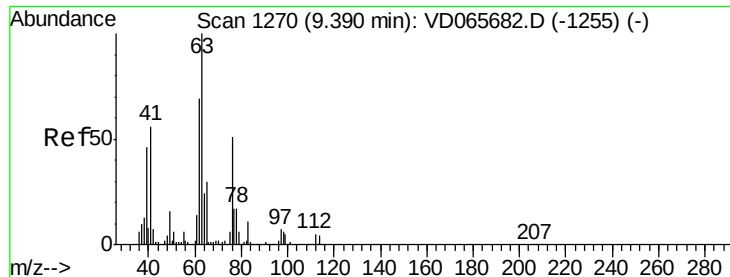
95 87.0 0.0 183.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

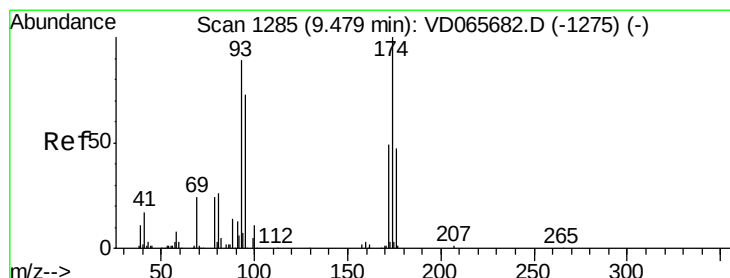
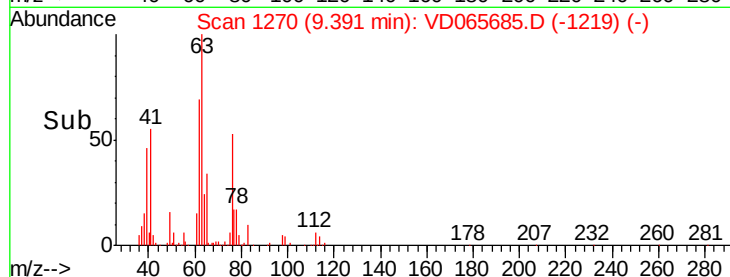
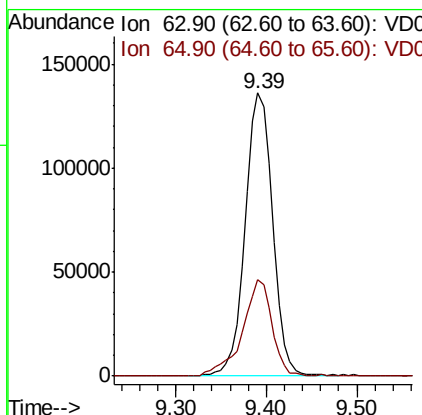
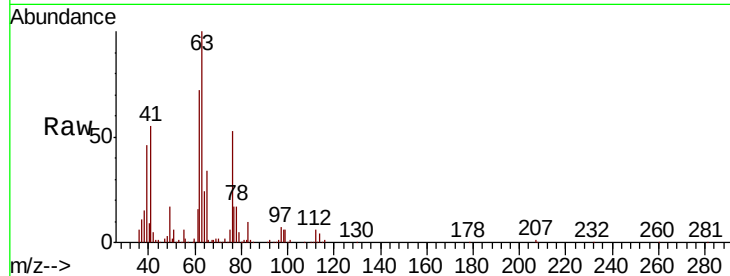




#45
 1,2-Dichloropropane
 Concen: 49.365 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

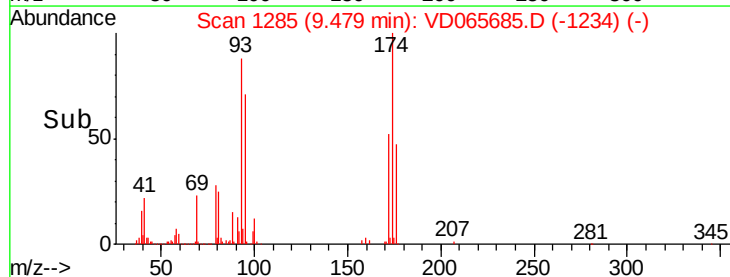
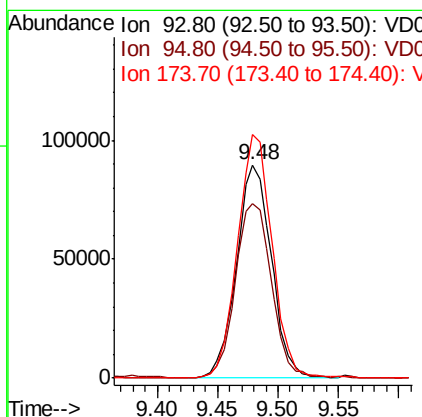
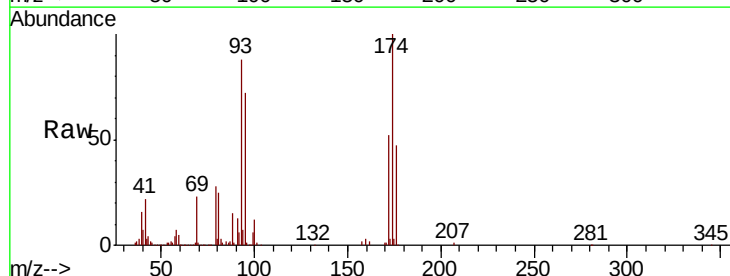
Instrument :
 MSVOA_D
 ClientSampleId :

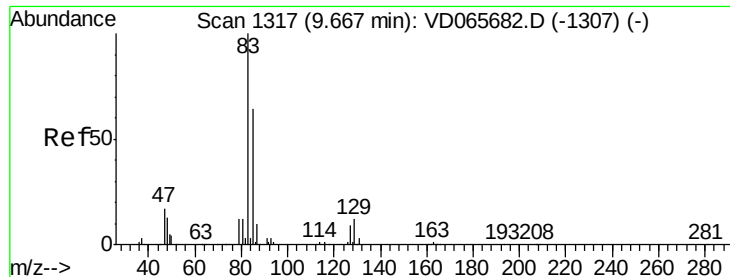
Tot Ion: 63 Resp: 286290
 Ion Ratio Lower Upper
 63 100
 65 34.3 23.7 35.5



#46
 Dibromomethane
 Concen: 48.472 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion: 93 Resp: 181990
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.7 98.5
 174 112.5 87.3 130.9





#47

Bromodichloromethane

Concen: 48.678 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

ClientSampleId :

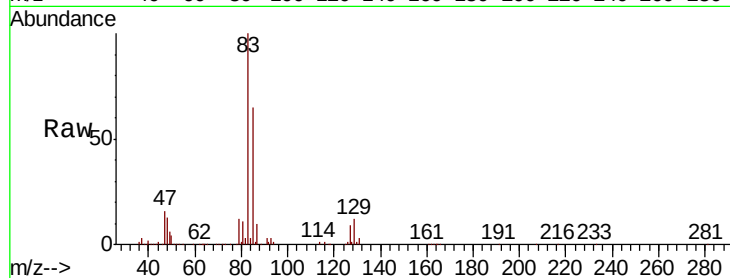
Tot Ion: 83 Resp: 480222

Ion Ratio Lower Upper

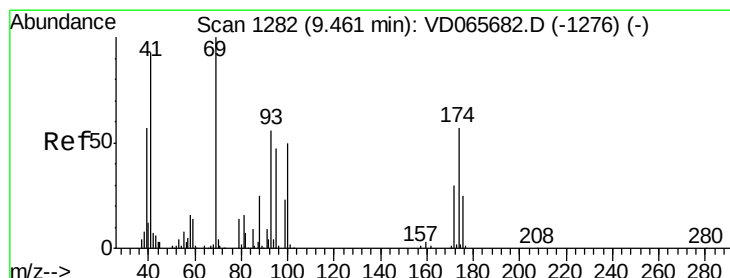
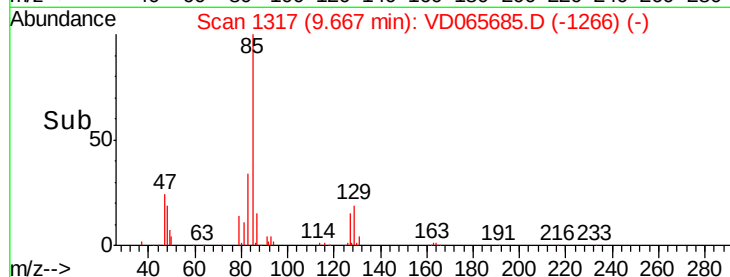
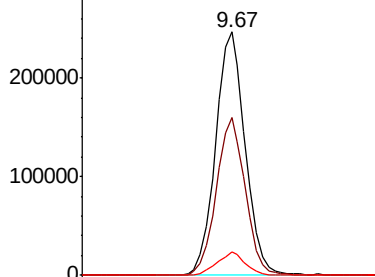
83 100

85 64.9 51.1 76.7

127 9.5 7.3 10.9



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



#48

Methyl methacrylate

Concen: 51.024 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

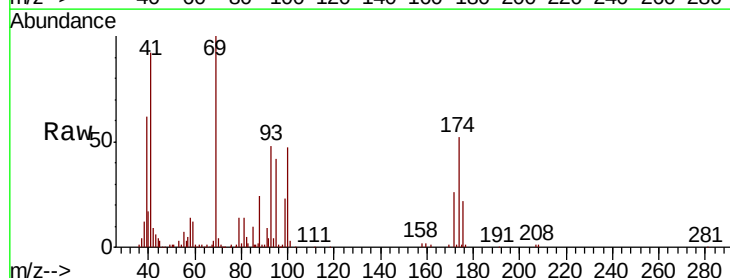
Tgt Ion: 41 Resp: 106341

Ion Ratio Lower Upper

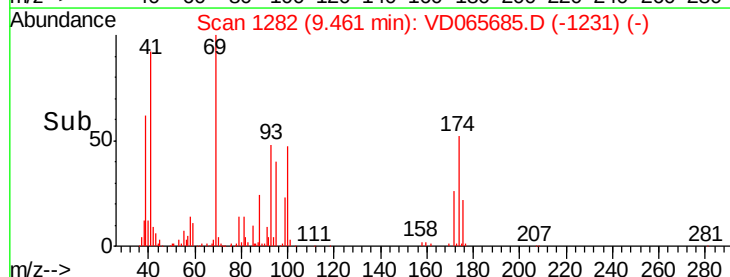
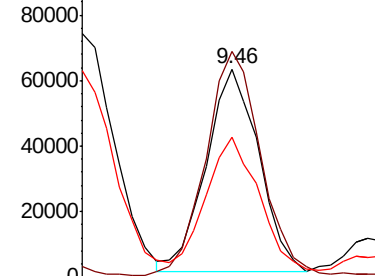
41 100

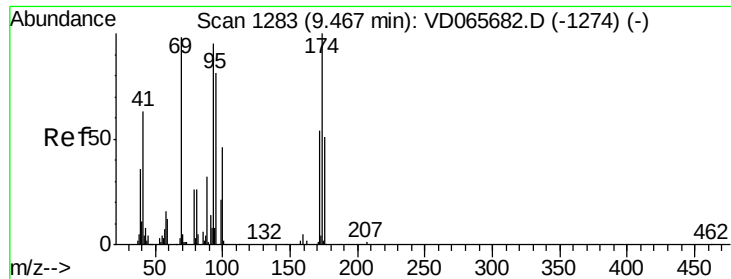
69 116.4 92.3 138.5

39 72.7 53.4 80.0



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

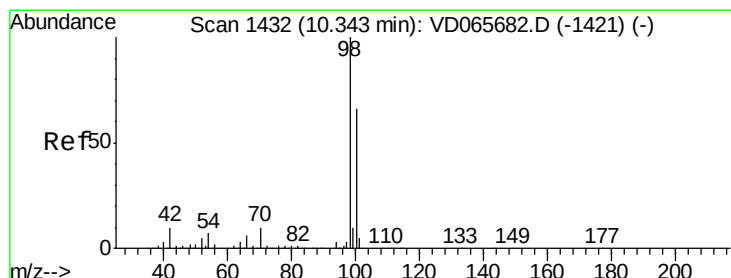
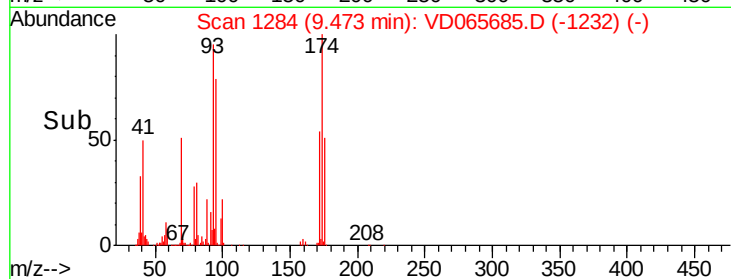
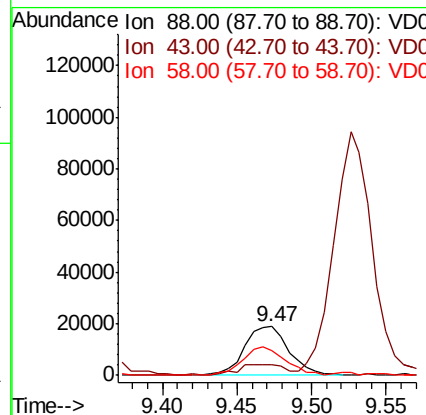
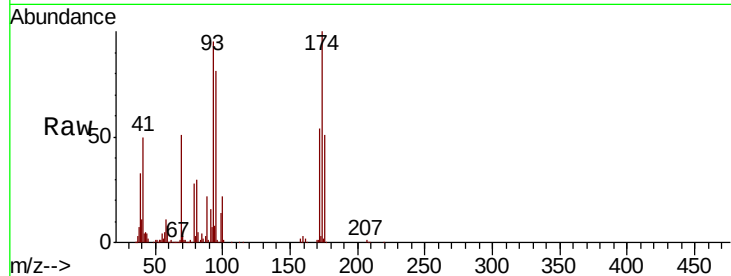




#49
1,4-Dioxane
Concen: 1029.974 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

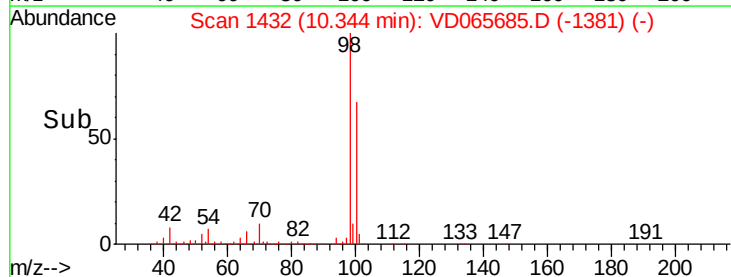
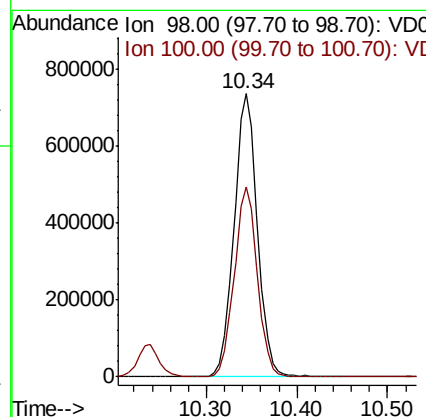
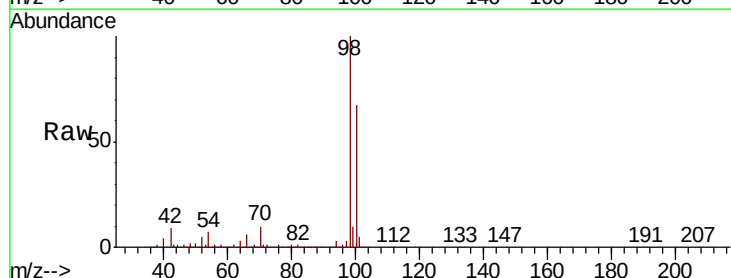
Instrument :
MSVOA_D
ClientSampleId :

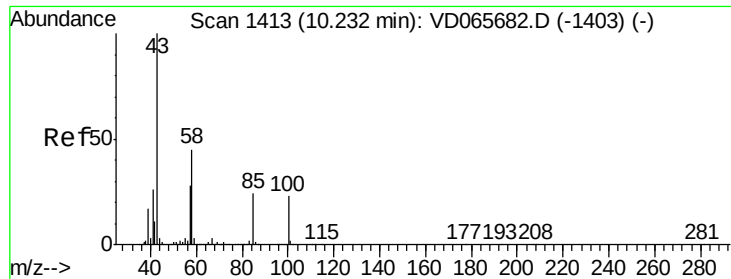
Tot Ion: 88 Resp: 39272
Ion Ratio Lower Upper
88 100
43 22.2 22.2 33.4#
58 55.6 45.3 67.9



#50
Toluene-d8
Concen: 51.178 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion: 98 Resp: 1320864
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

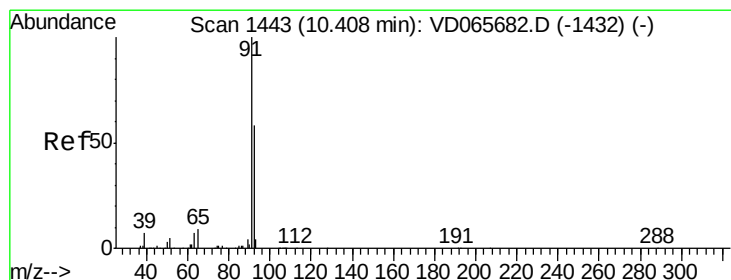
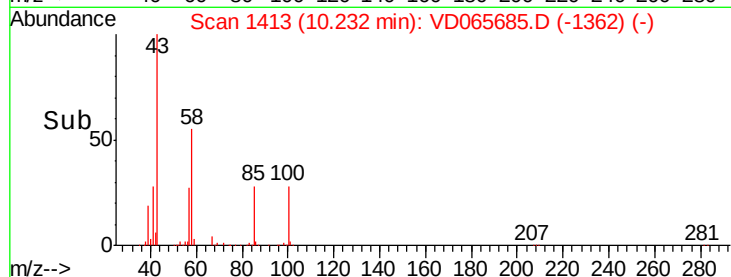
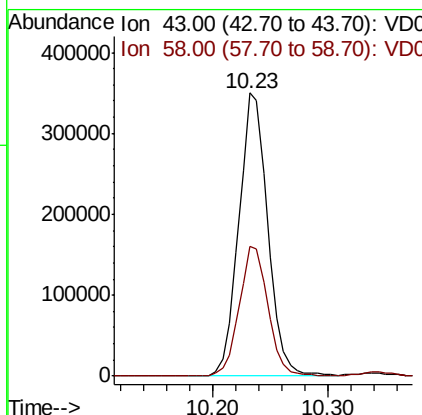
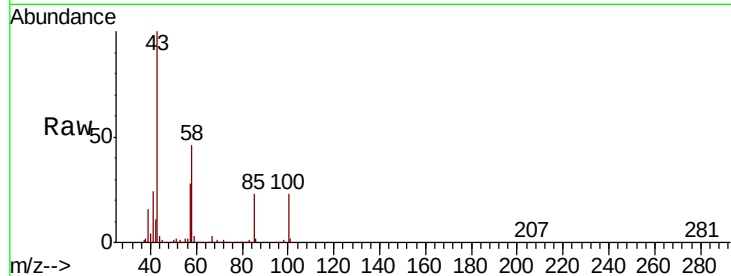




#51
4-Methyl-2-Pentanone
Concen: 252.157 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

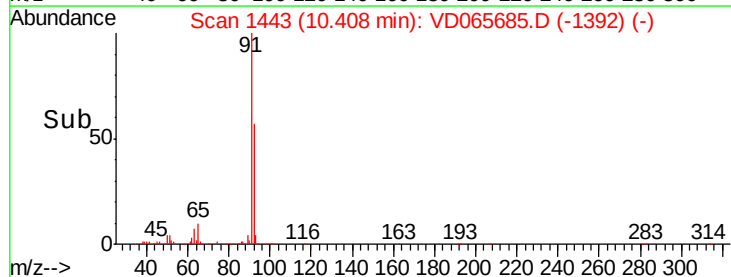
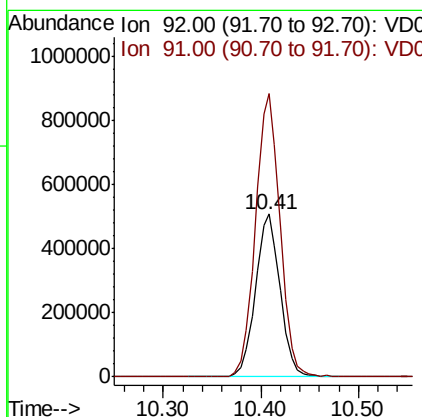
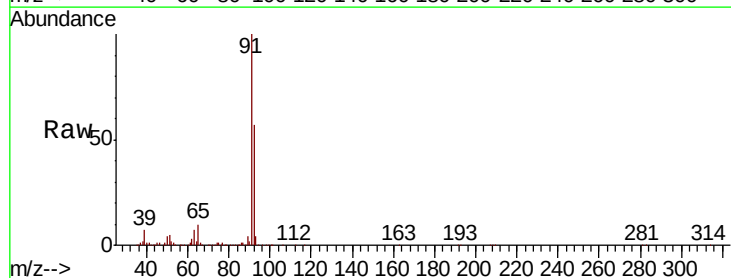
Instrument :
MSVOA_D
ClientSampleId :

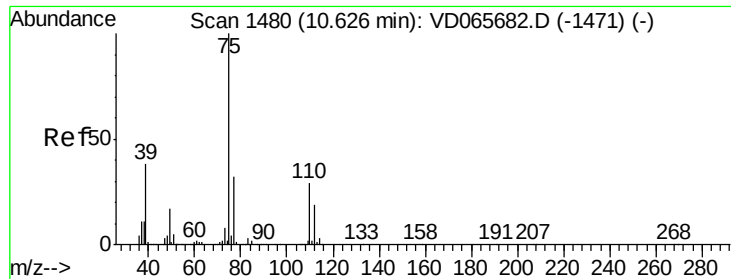
Tot Ion: 43 Resp: 608058
Ion Ratio Lower Upper
43 100
58 45.8 36.0 54.0



#52
Toluene
Concen: 50.737 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion: 92 Resp: 902561
Ion Ratio Lower Upper
92 100
91 173.9 137.8 206.6





#53

t-1,3-Dichloropropene

Concen: 51.341 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

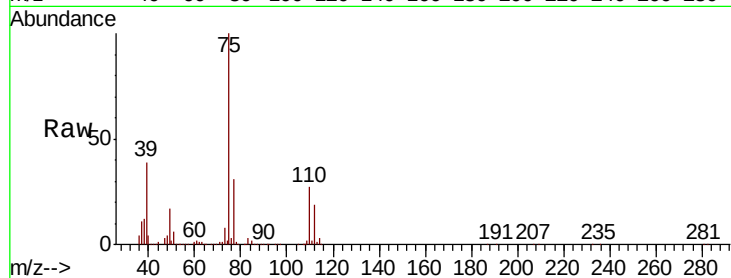
ClientSampled :

Tot Ion: 75 Resp: 413520

Ion Ratio Lower Upper

75 100

77 30.8 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

250000

200000

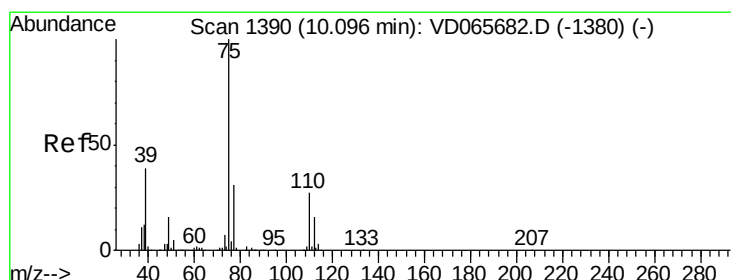
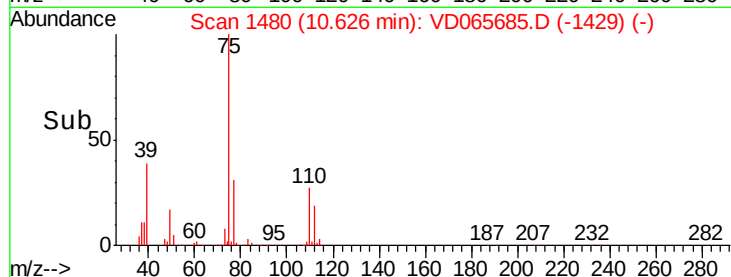
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.056 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

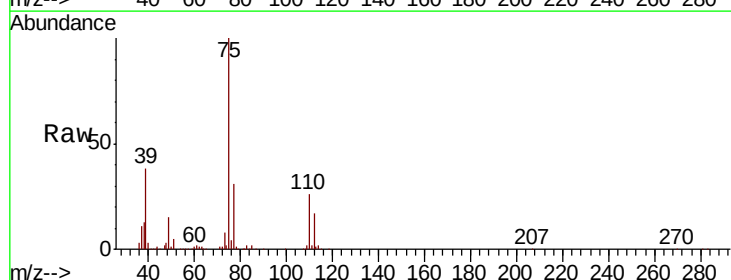
Tgt Ion: 75 Resp: 488864

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 38.4 31.2 46.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.10

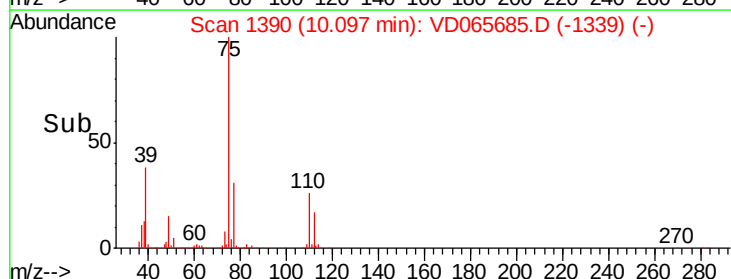
300000

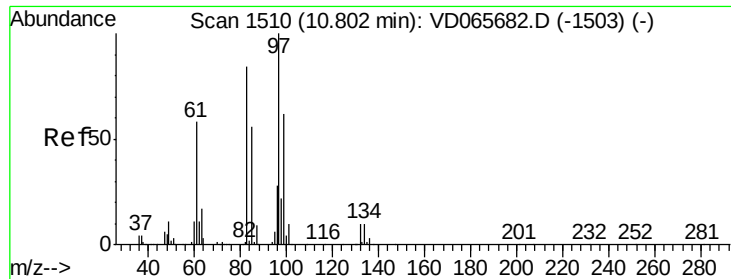
200000

100000

0

Time-->

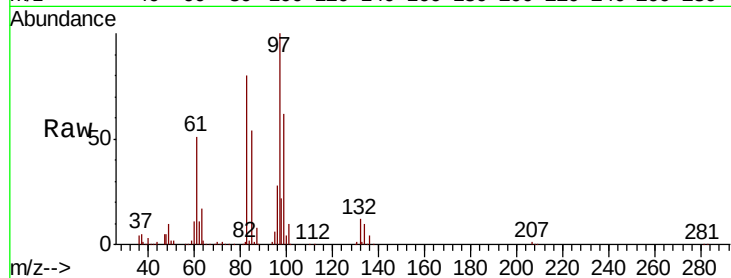




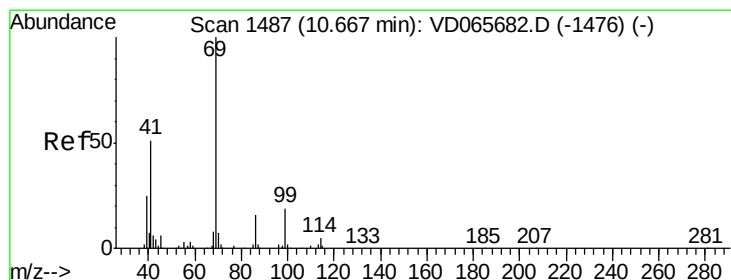
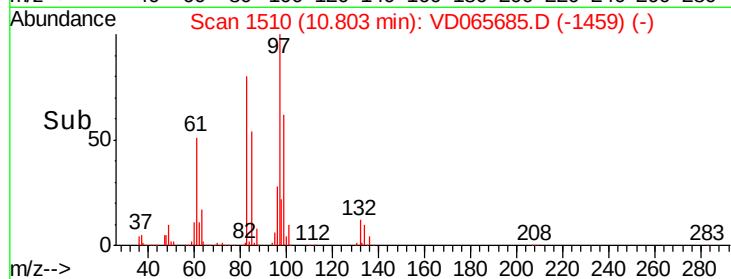
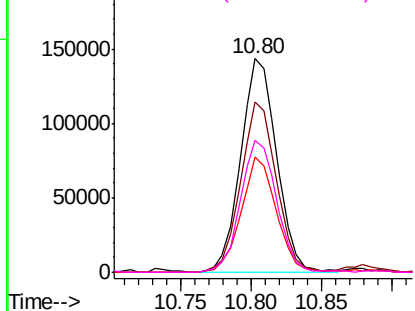
#55
 1,1,2-Trichloroethane
 Concen: 48.582 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	254736
Ion	Ratio	Lower	Upper
97	100		
83	79.7	66.8	100.2
85	54.2	44.4	66.6
99	61.8	49.3	73.9

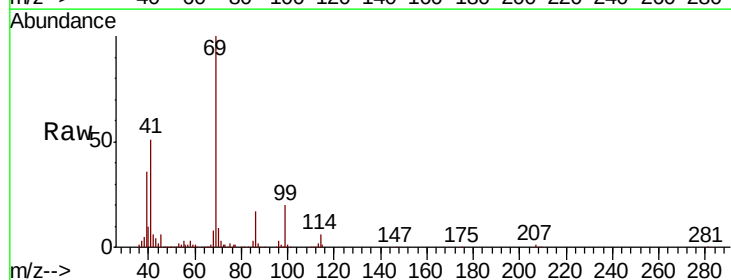


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

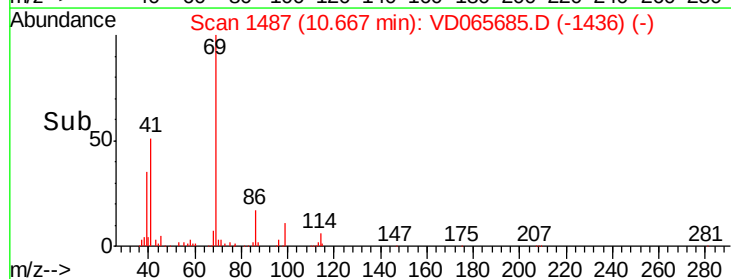
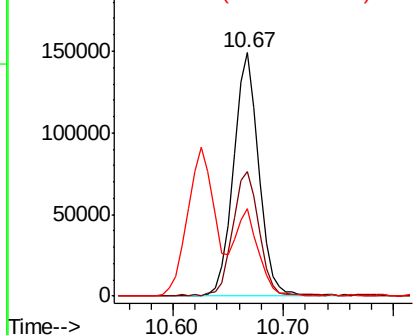


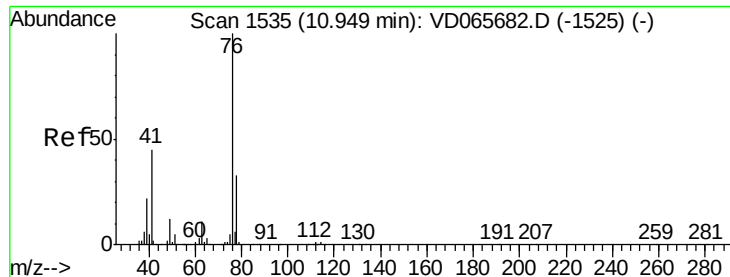
#56
 Ethyl methacrylate
 Concen: 46.991 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion:	69	Resp:	240531
Ion	Ratio	Lower	Upper
69	100		
41	52.7	40.9	61.3
39	32.0	25.8	38.8



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





#57

1,3-Dichloropropane

Concen: 49.775 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

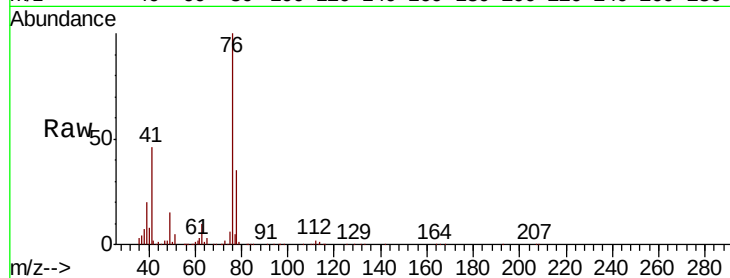
ClientSampleId :

Tot Ion: 76 Resp: 397120

Ion Ratio Lower Upper

76 100

78 33.0 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

200000

150000

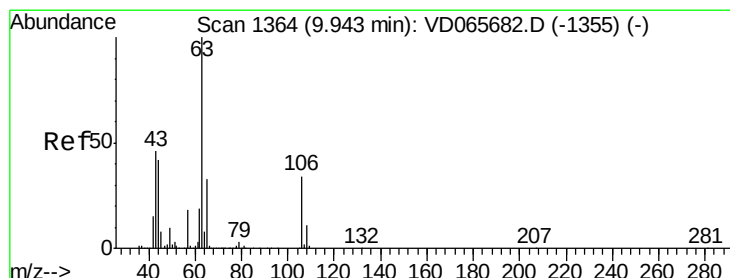
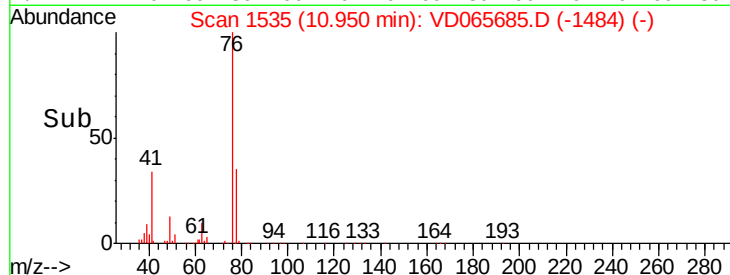
100000

50000

0

10.90 11.00

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 249.443 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065685.D

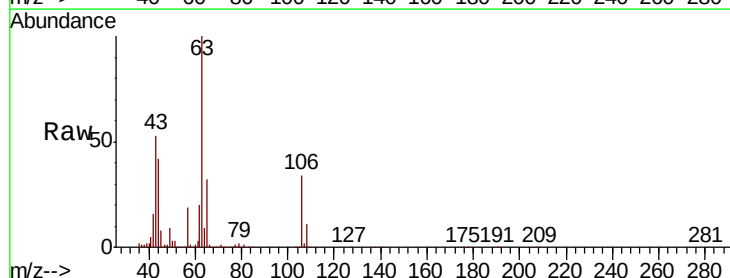
Acq: 29 Apr 2020 18:16

Tgt Ion: 63 Resp: 532587

Ion Ratio Lower Upper

63 100

106 34.9 27.8 41.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

300000

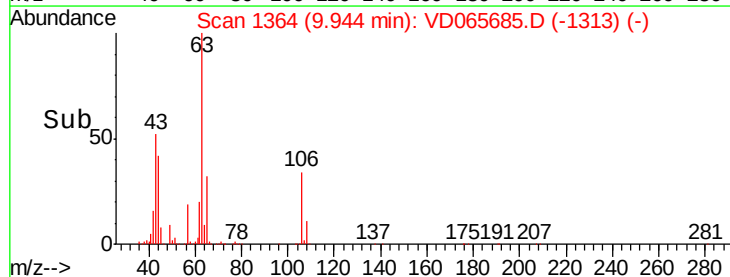
200000

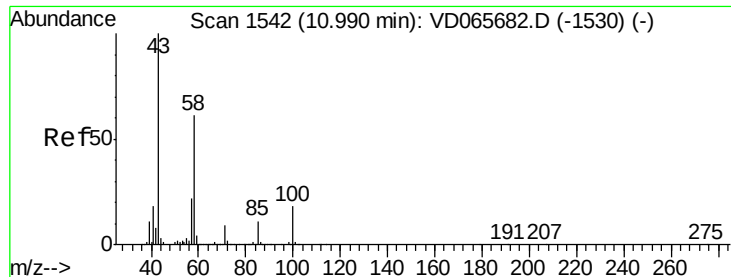
100000

0

9.90 10.00 10.10

Time-->

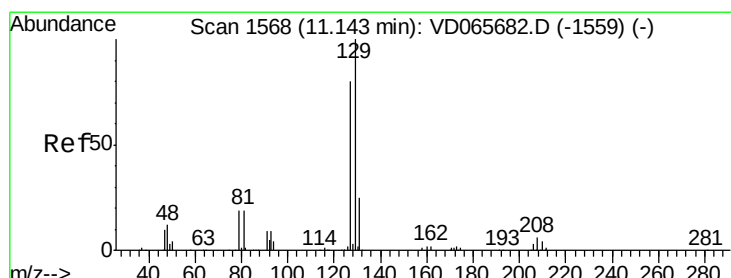
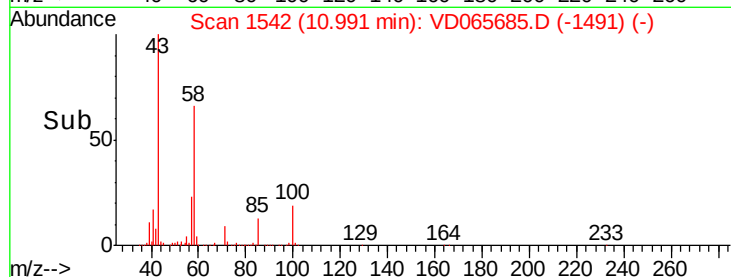
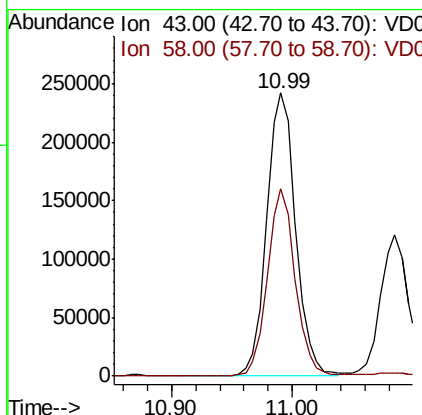
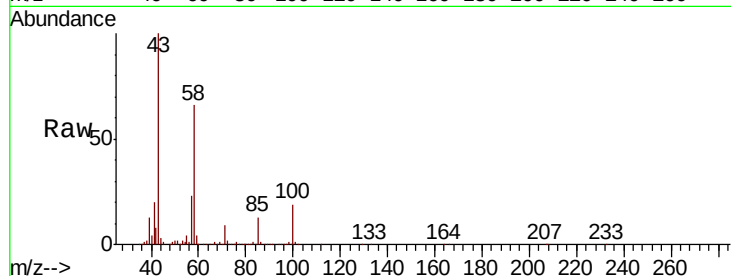




#59
2-Hexanone
Concen: 256.886 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

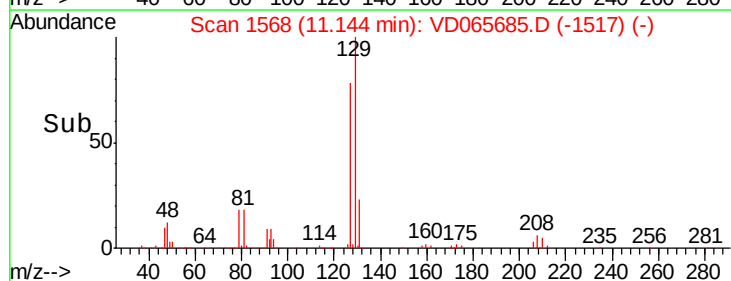
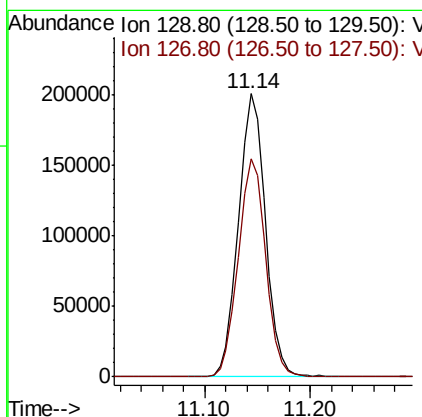
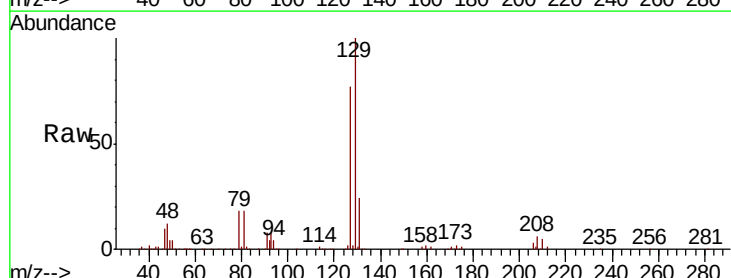
Instrument :
MSVOA_D
ClientSampleId :

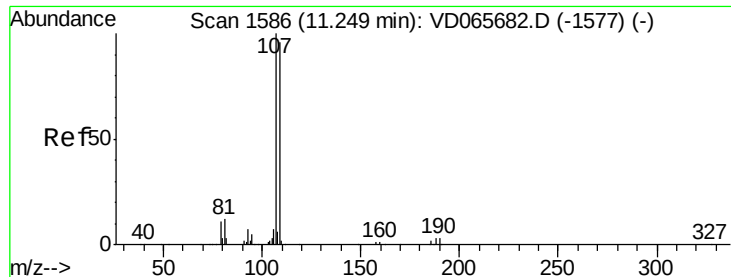
Tot Ion: 43 Resp: 403340
Ion Ratio Lower Upper
43 100
58 63.5 31.5 94.5



#60
Dibromochloromethane
Concen: 49.667 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion:129 Resp: 355642
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5

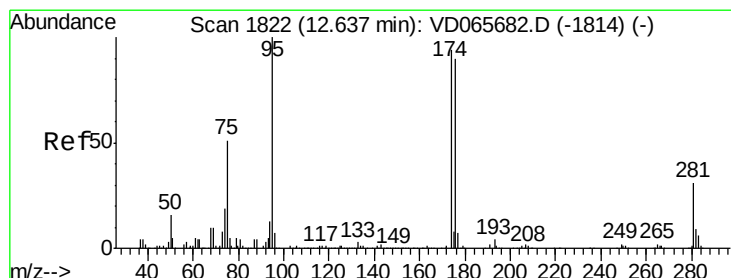
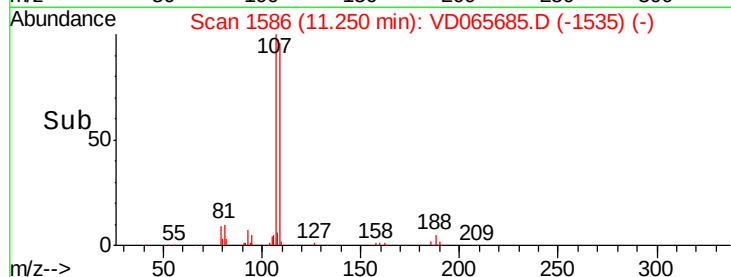
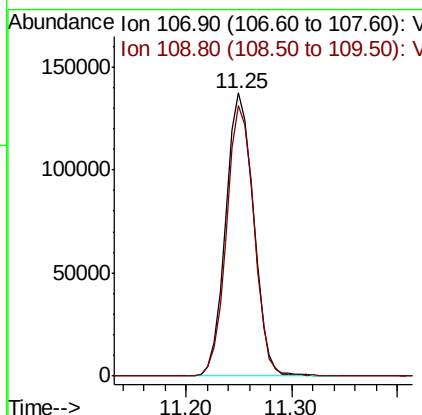
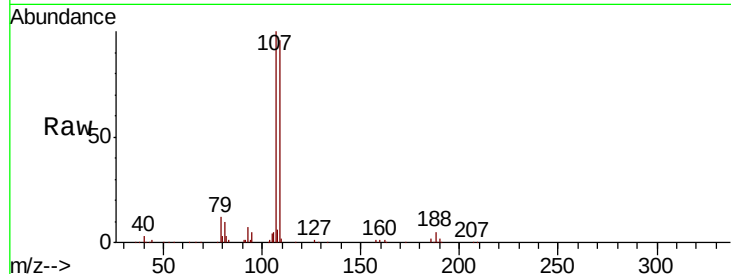




#61
 1,2-Dibromoethane
 Concen: 50.382 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

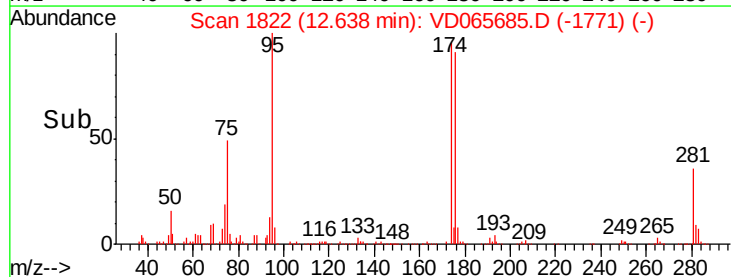
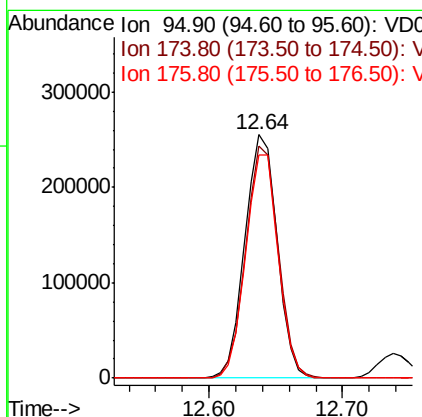
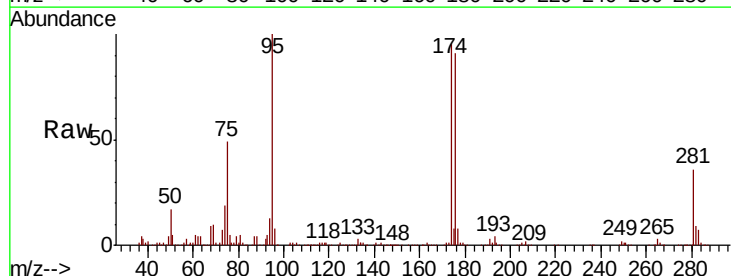
Instrument :
 MSVOA_D
 ClientSampleId :

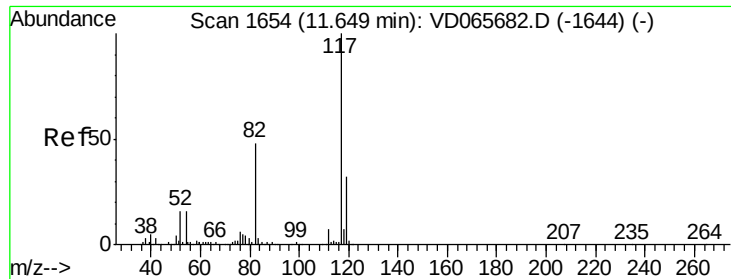
Tot Ion: 107 Resp: 249939
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.981 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion: 95 Resp: 425619
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 187.6
 176 92.5 0.0 181.4

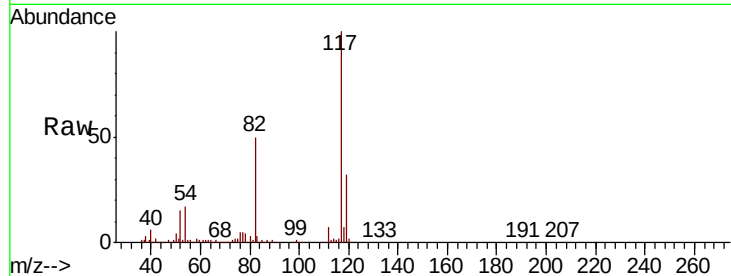




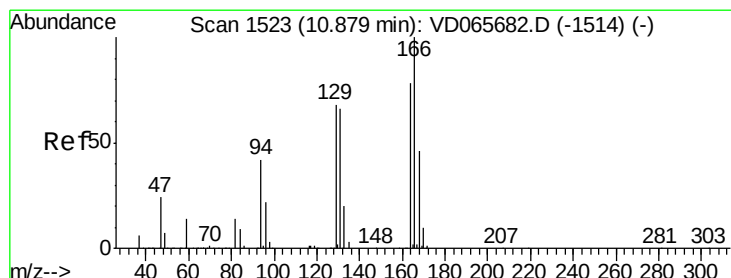
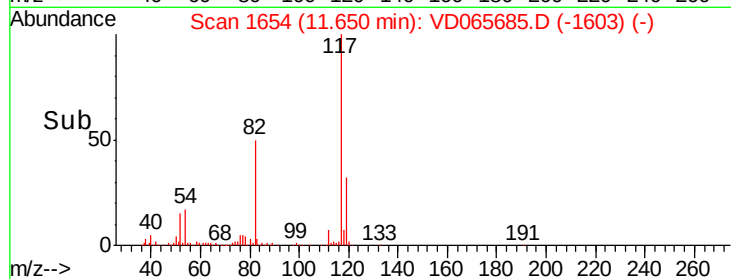
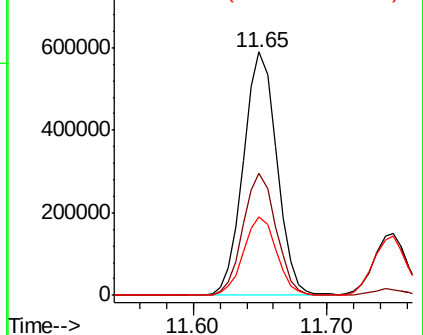
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1020620
Ion Ratio Lower Upper
117 100
82 50.3 38.6 58.0
119 32.1 25.6 38.4

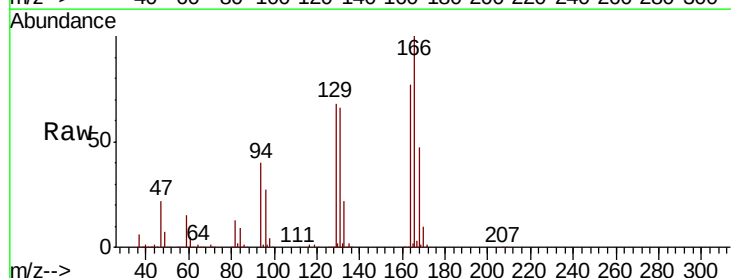


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

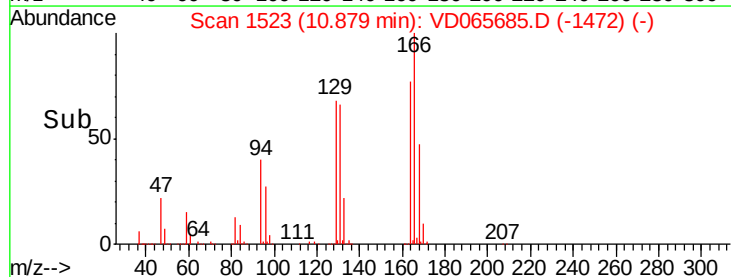
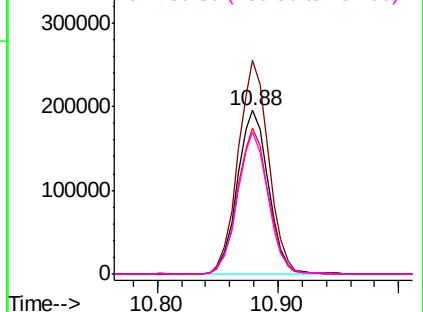


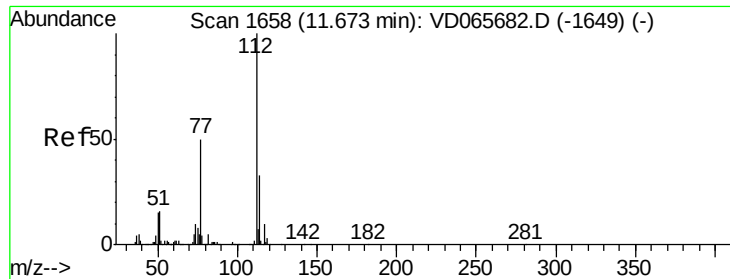
#64
Tetrachloroethene
Concen: 49.169 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion:164 Resp: 351004
Ion Ratio Lower Upper
164 100
166 130.5 102.7 154.1
129 89.3 69.9 104.9
131 86.6 68.1 102.1



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

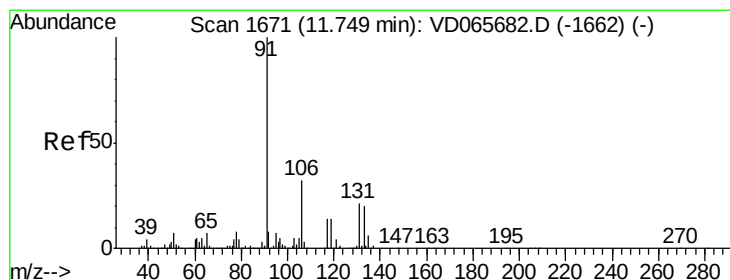
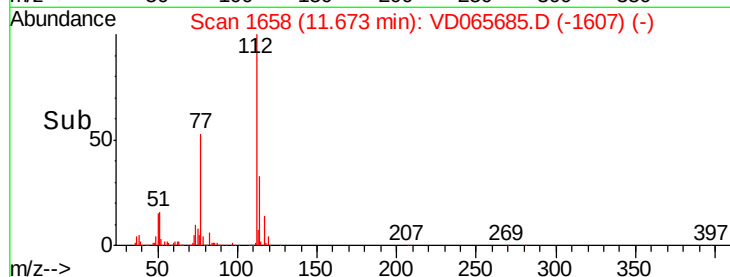
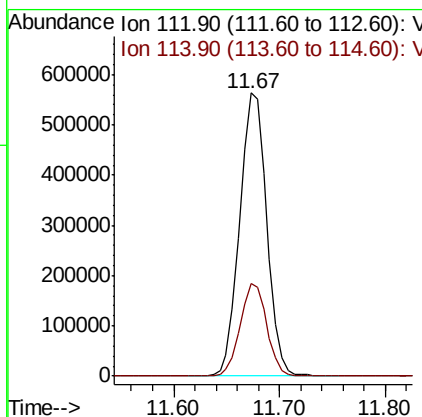
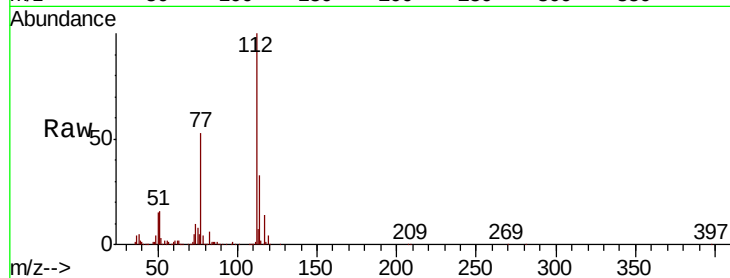




#65
Chlorobenzene
Concen: 49.135 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

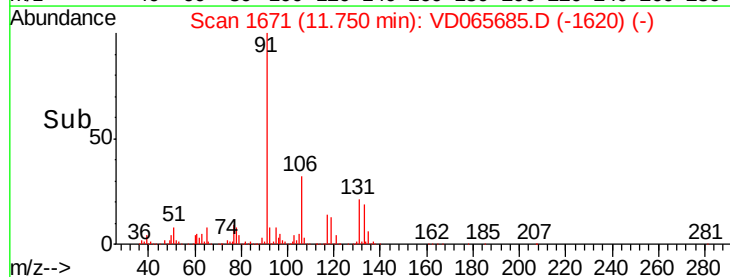
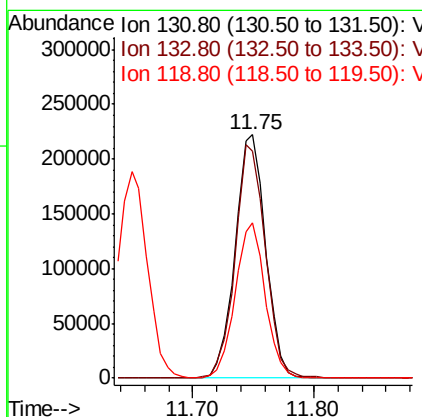
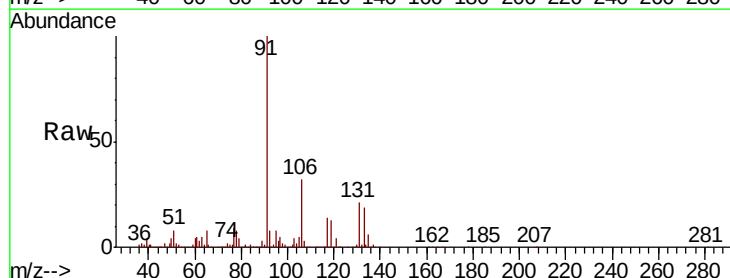
Instrument :
MSVOA_D
ClientSampled :

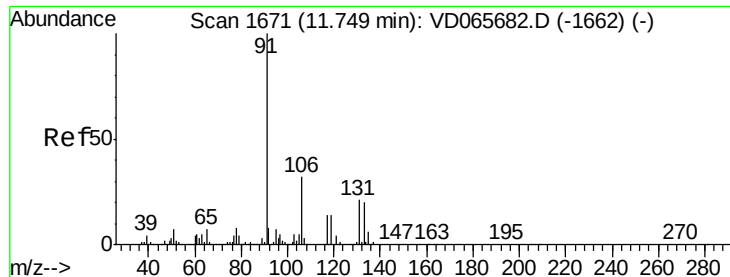
Tot Ion:112 Resp: 999089
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.120 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion:131 Resp: 391574
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.8
119 62.3 32.1 96.5





#67

Ethyl Benzene

Concen: 51.468 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

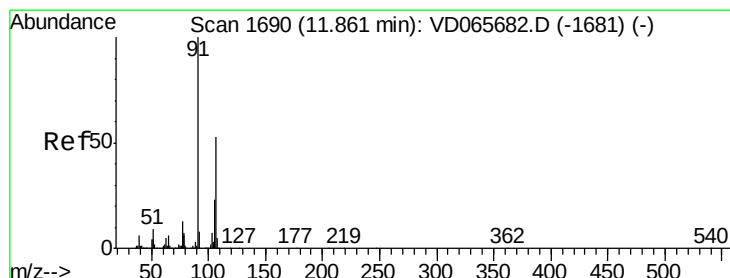
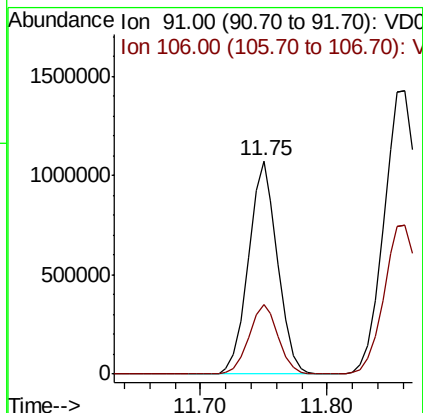
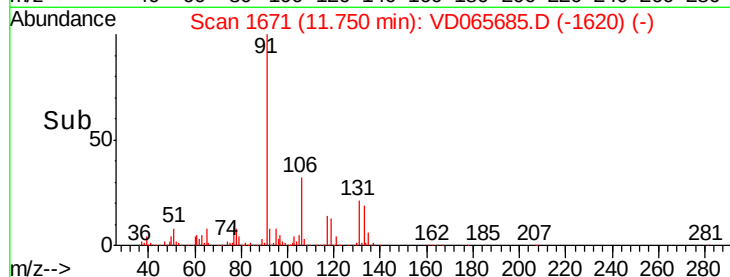
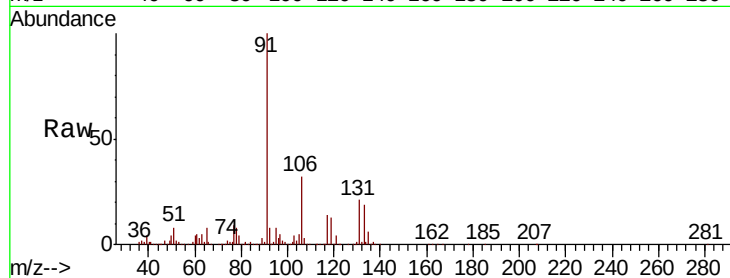
ClientSampled :

Tot Ion: 91 Resp: 1709311

Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.8



#68

m/p-Xylenes

Concen: 106.770 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065685.D

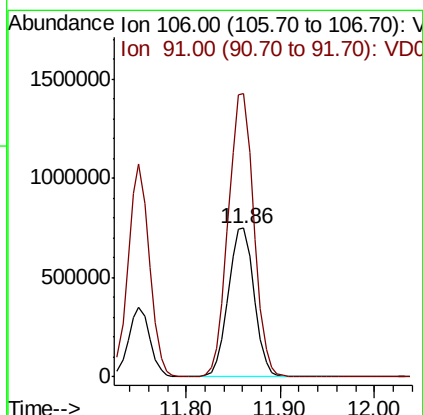
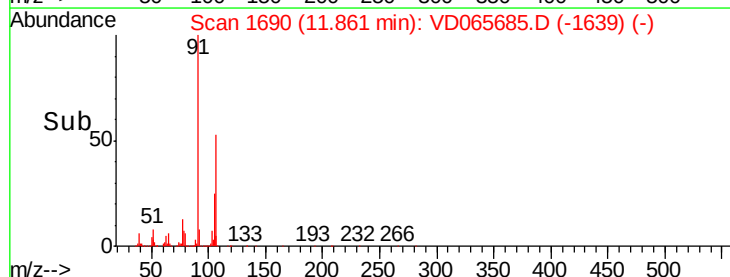
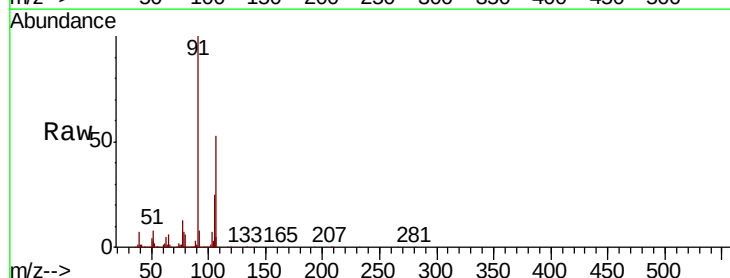
Acq: 29 Apr 2020 18:16

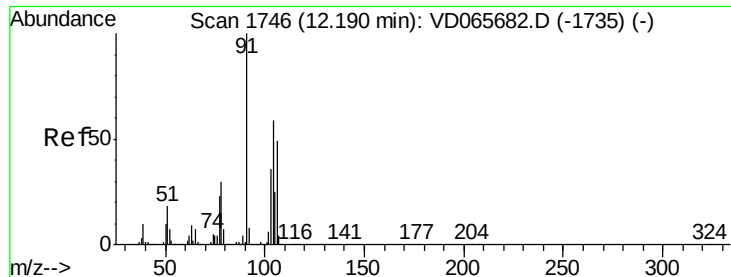
Tgt Ion:106 Resp: 1435591

Ion Ratio Lower Upper

106 100

91 189.1 154.5 231.7

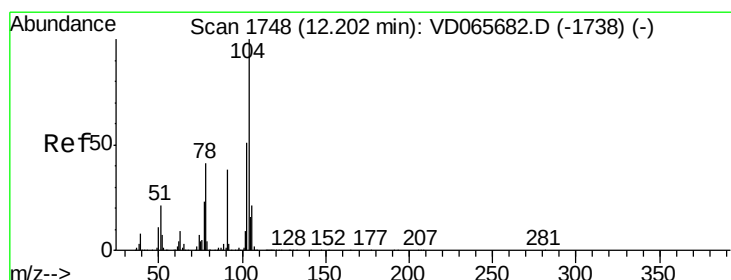
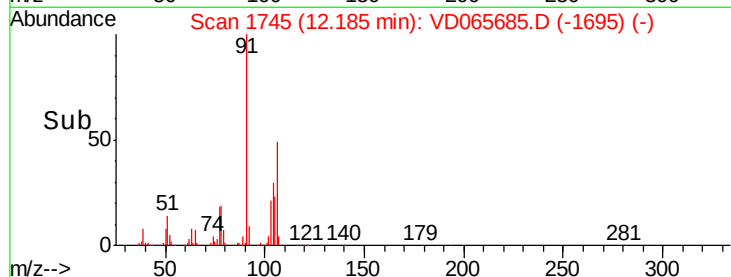
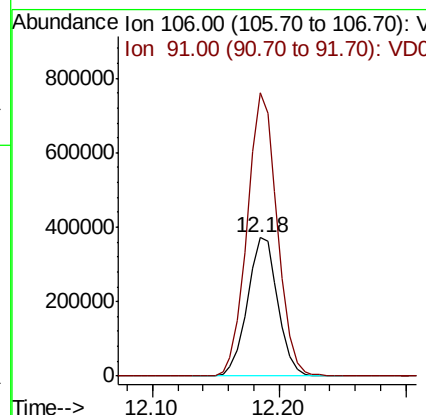
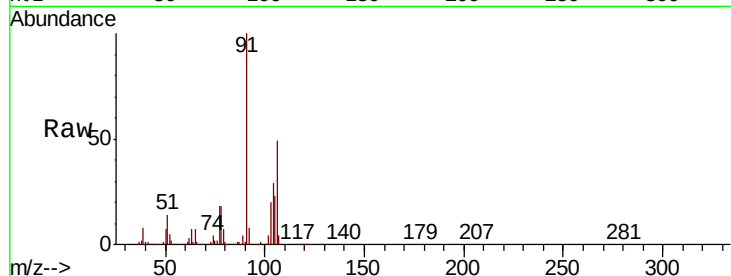




#69
o-Xylene
Concen: 53.327 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

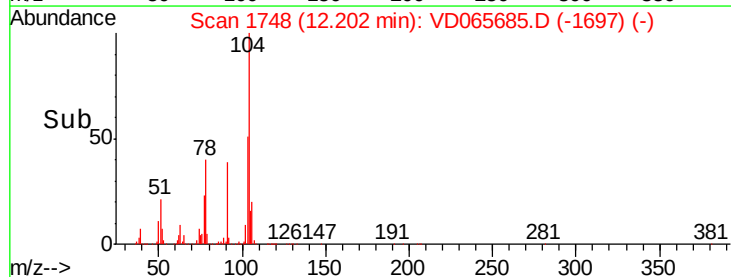
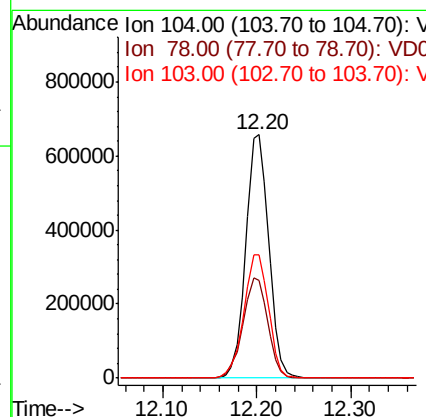
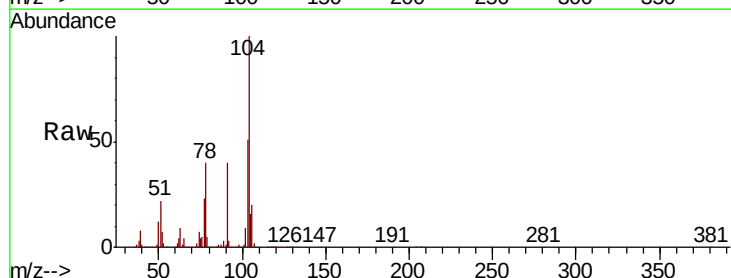
Instrument :
MSVOA_D
ClientSampled :

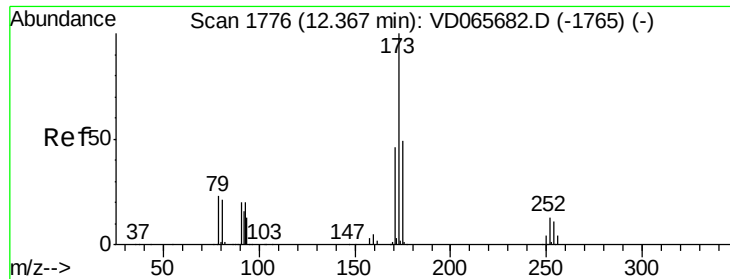
Tot Ion:106 Resp: 616786
Ion Ratio Lower Upper
106 100
91 202.7 102.4 307.2



#70
Styrene
Concen: 54.264 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion:104 Resp: 1113322
Ion Ratio Lower Upper
104 100
78 44.6 36.5 54.7
103 54.7 43.8 65.8

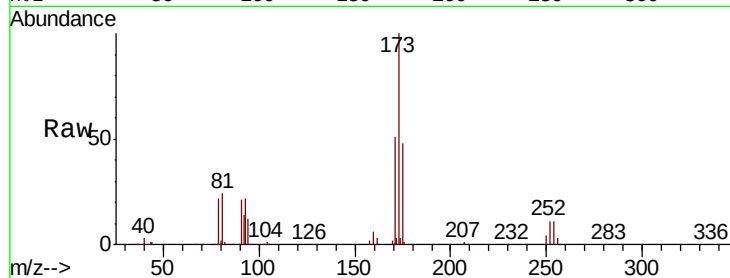




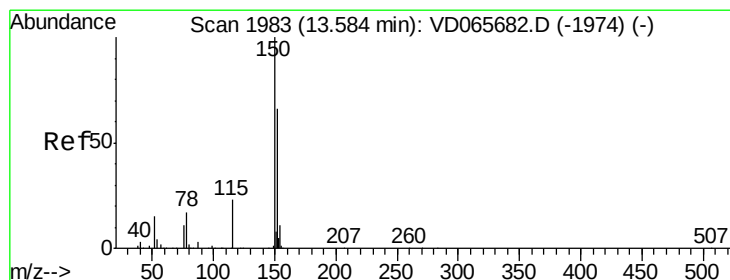
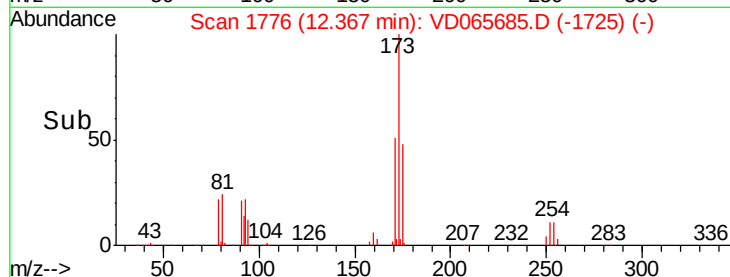
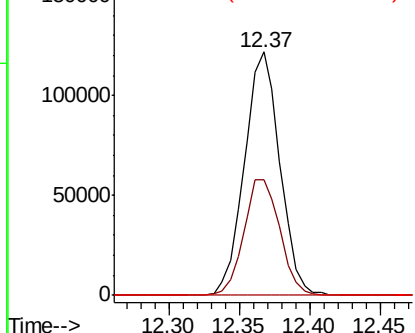
#71
Bromoform
Concen: 49.280 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:173 Resp: 214302
Ion Ratio Lower Upper
173 100
175 48.5 24.6 74.0
254 0.1 0.1 0.1#

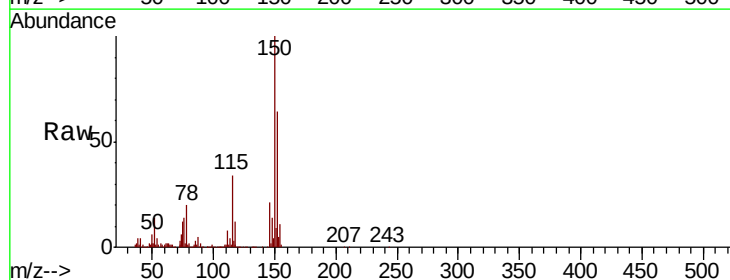


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

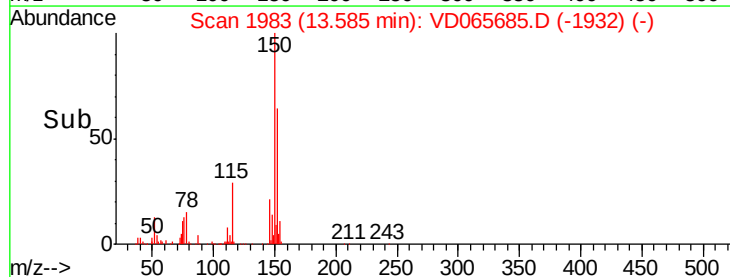
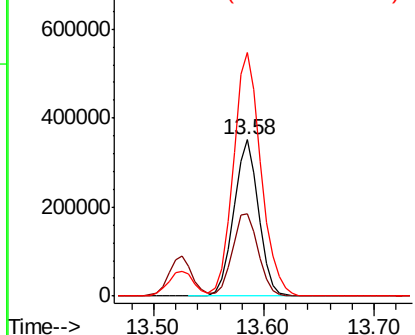


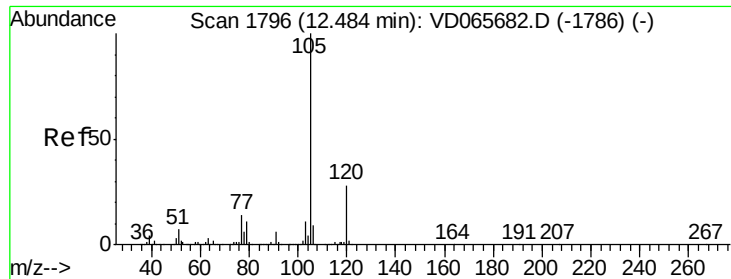
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion:152 Resp: 552246
Ion Ratio Lower Upper
152 100
115 55.6 27.5 82.4
150 173.5 0.0 347.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.158 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

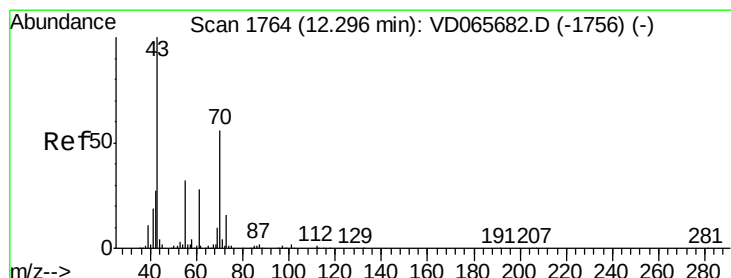
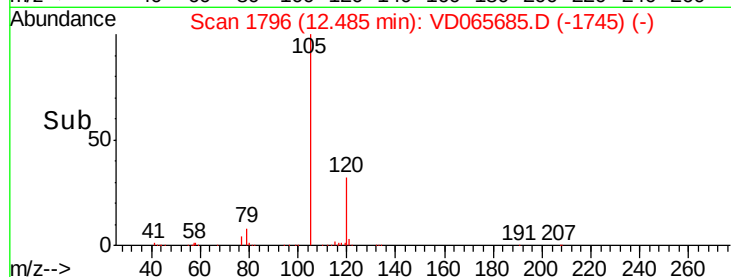
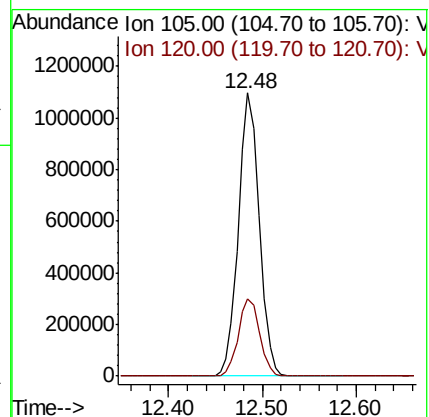
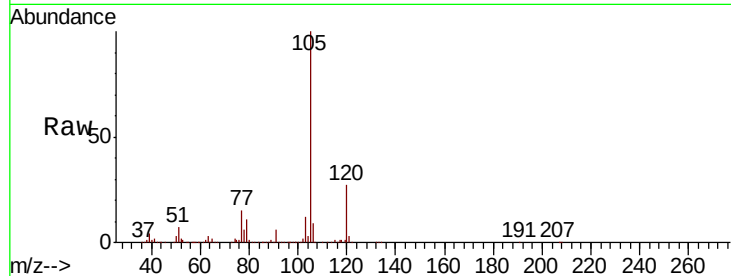
ClientSampleId :

Tot Ion:105 Resp: 1692655

Ion Ratio Lower Upper

105 100

120 28.0 13.8 41.3



#74

N-ethyl acetate

Concen: 51.485 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Tgt Ion: 43 Resp: 208438

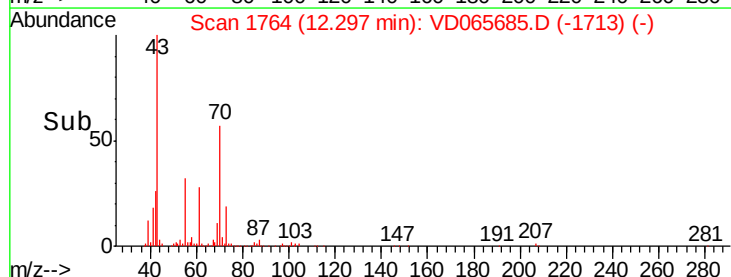
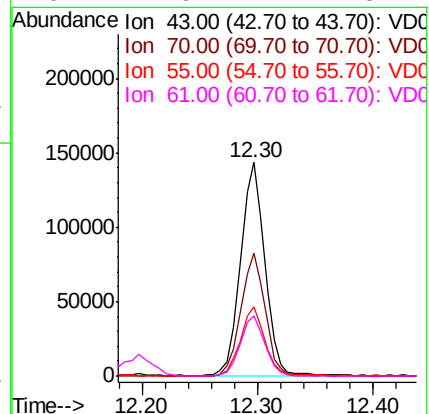
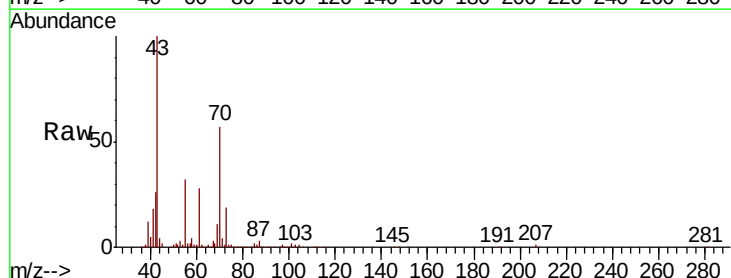
Ion Ratio Lower Upper

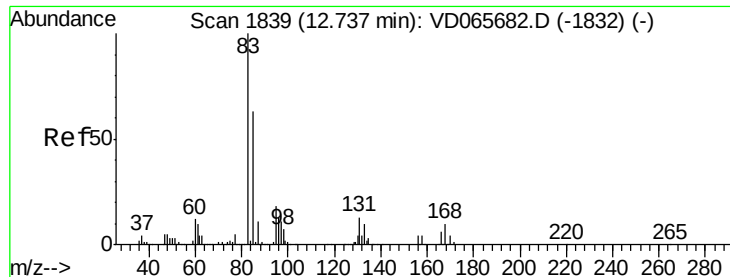
43 100

70 57.7 45.5 68.3

55 33.0 26.6 40.0

61 27.9 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.336 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

ClientSampleId :

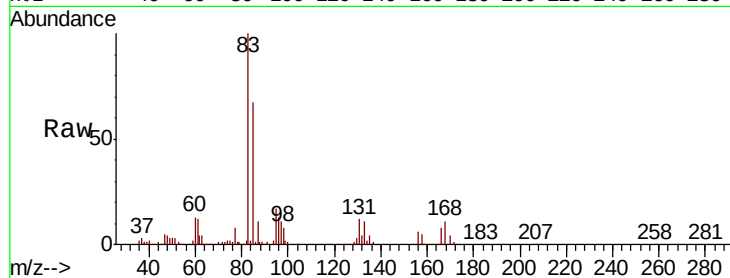
Tot Ion: 83 Resp: 258272

Ion Ratio Lower Upper

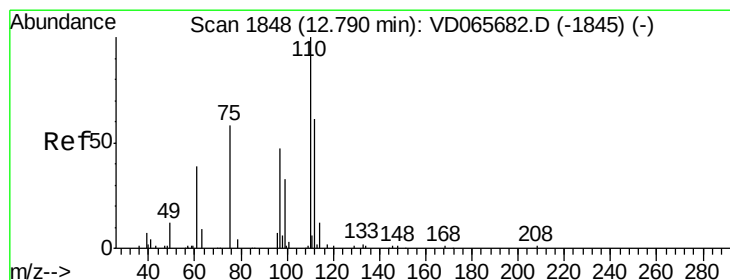
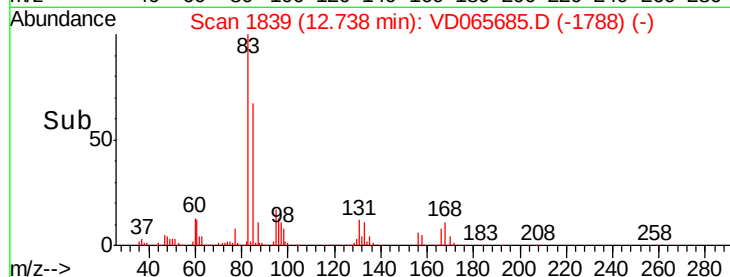
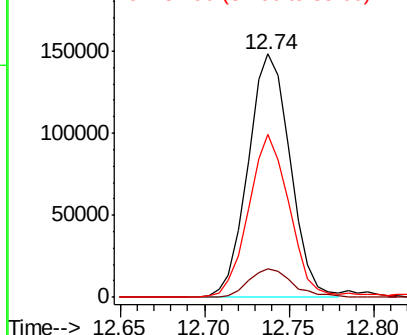
83 100

131 12.2 5.9 17.6

85 64.4 31.5 94.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 88.635 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065685.D

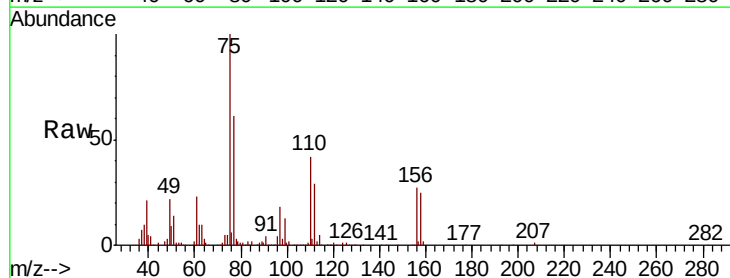
Acq: 29 Apr 2020 18:16

Tgt Ion: 75 Resp: 331637

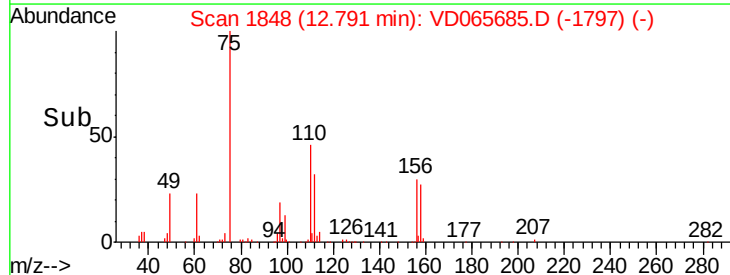
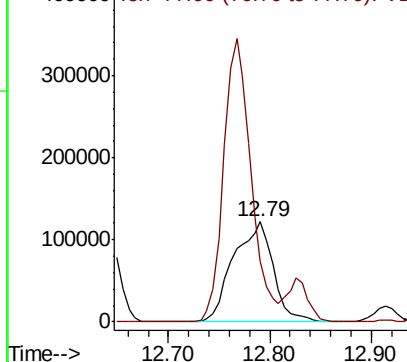
Ion Ratio Lower Upper

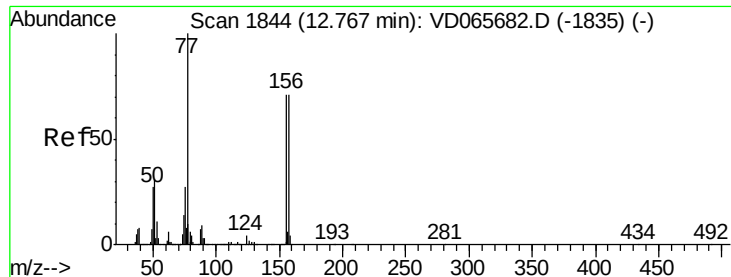
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 53.017 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

ClientSampleId :

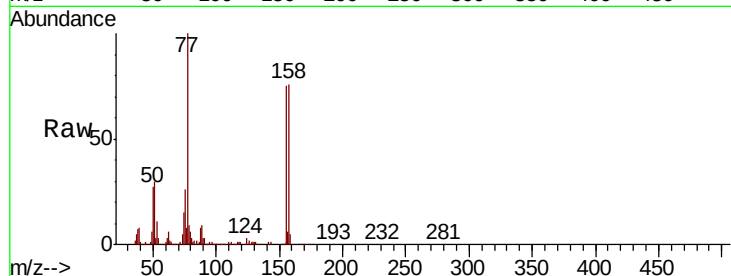
Tot Ion:156 Resp: 439352

Ion Ratio Lower Upper

156 100

77 148.0 75.3 225.9

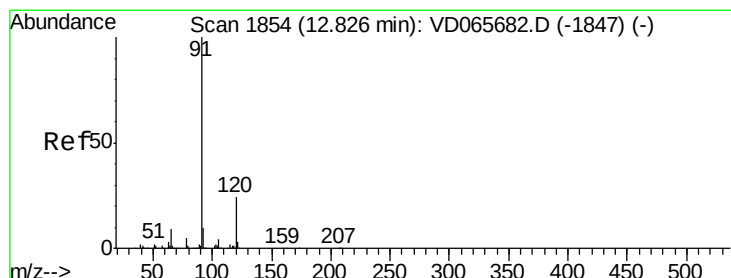
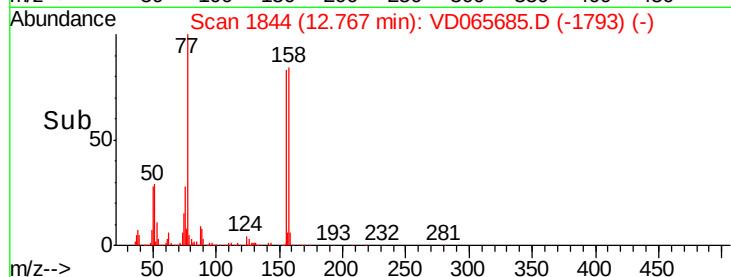
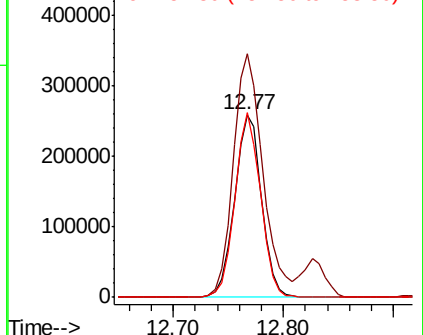
158 97.1 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.994 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065685.D

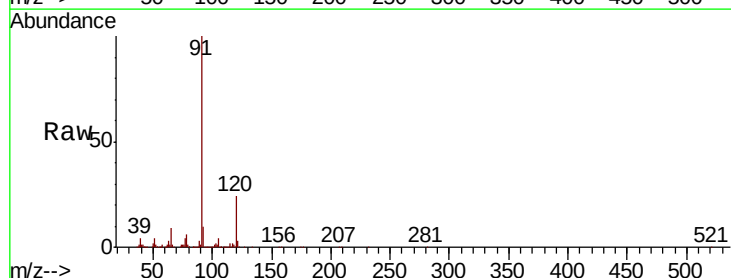
Acq: 29 Apr 2020 18:16

Tgt Ion: 91 Resp: 1986048

Ion Ratio Lower Upper

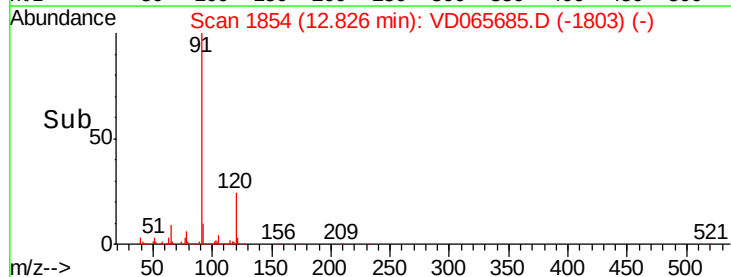
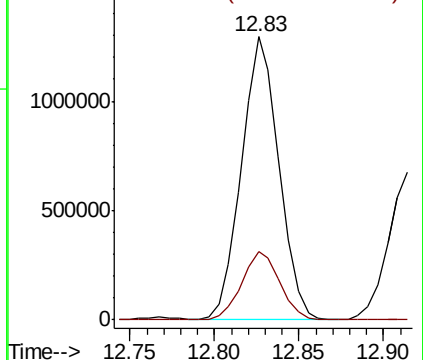
91 100

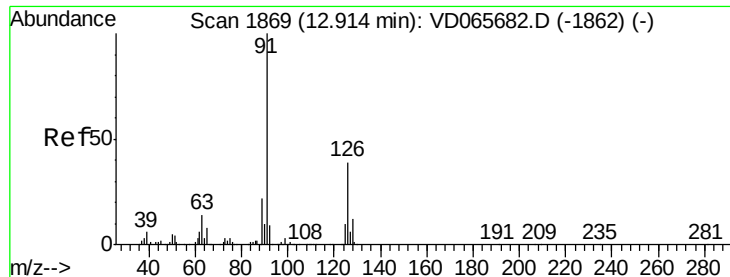
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

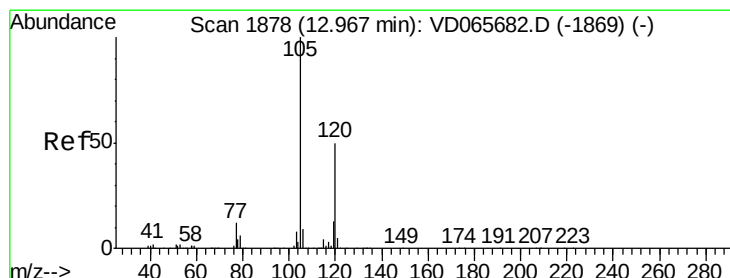
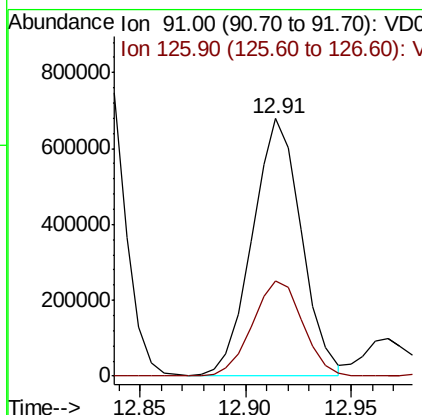
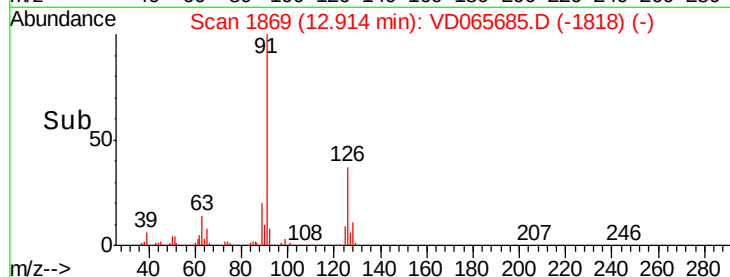
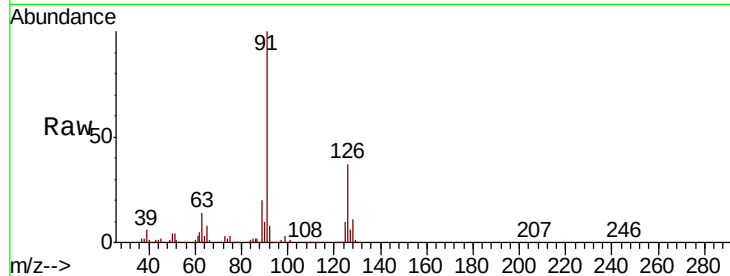




#79
2-Chlorotoluene
Concen: 53.012 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

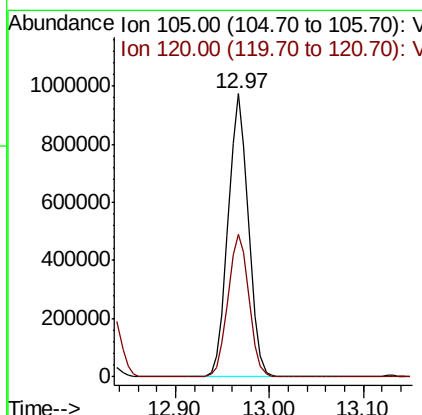
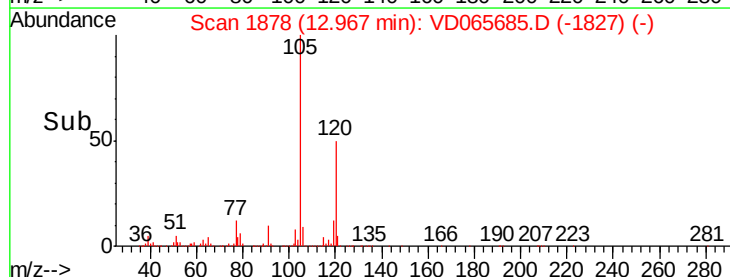
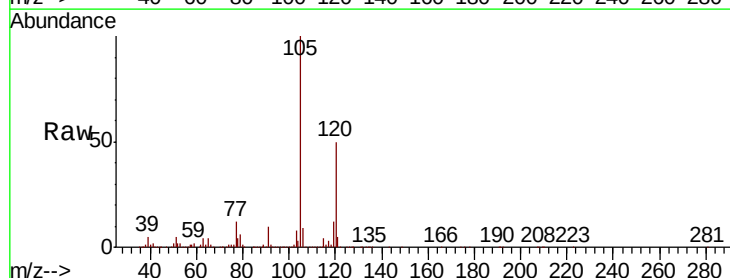
Instrument :
MSVOA_D
ClientSampled :

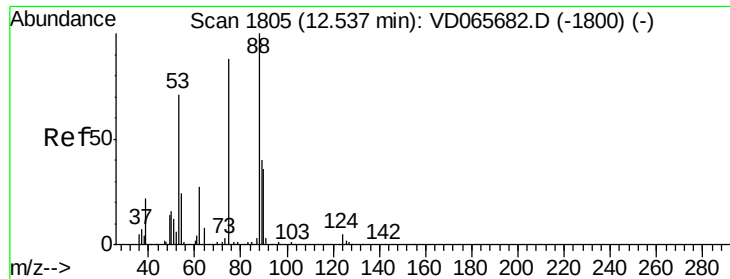
Tot Ion: 91 Resp: 1091389
Ion Ratio Lower Upper
91 100
126 38.4 19.3 57.9



#80
1,3,5-Trimethylbenzene
Concen: 55.129 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion:105 Resp: 1457386
Ion Ratio Lower Upper
105 100
120 51.8 25.6 76.8

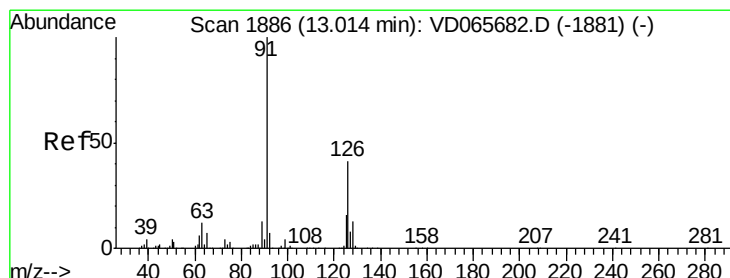
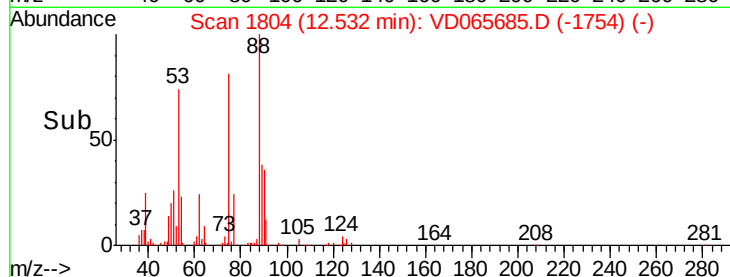
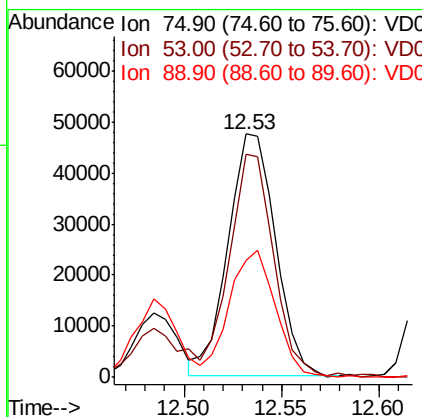
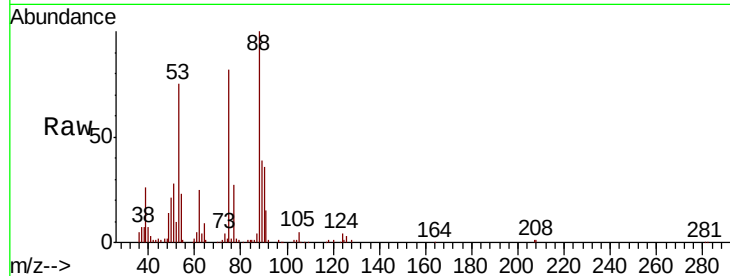




#81
trans-1,4-Dichloro-2-butene
Concen: 51.184 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

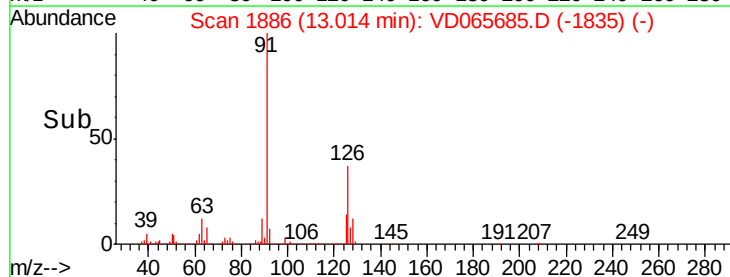
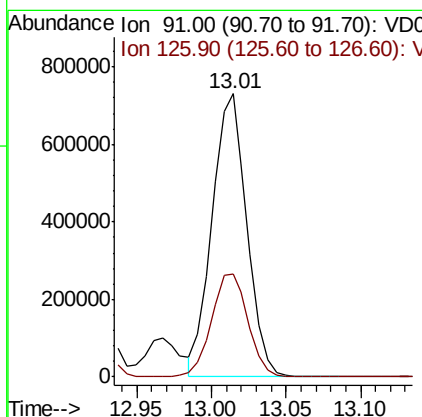
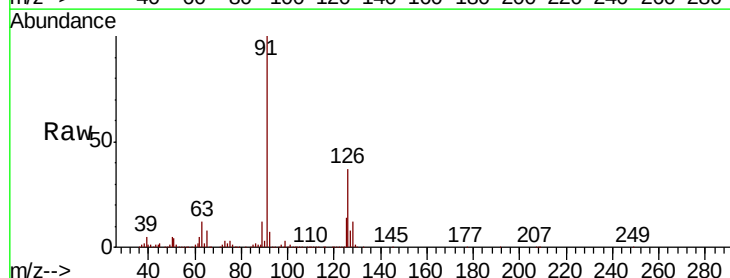
Instrument :
MSVOA_D
ClientSampleId :

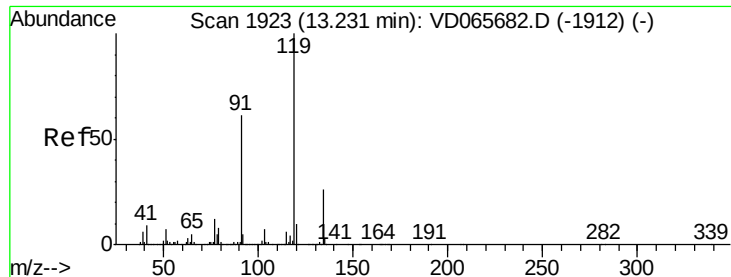
Tot Ion: 75 Resp: 80160
Ion Ratio Lower Upper
75 100
53 86.3 70.5 105.7
89 50.9 39.0 58.6



#82
4-Chlorotoluene
Concen: 53.367 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion: 91 Resp: 1180706
Ion Ratio Lower Upper
91 100
126 38.3 19.3 57.9





#83

tert-Butylbenzene

Concen: 55.330 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

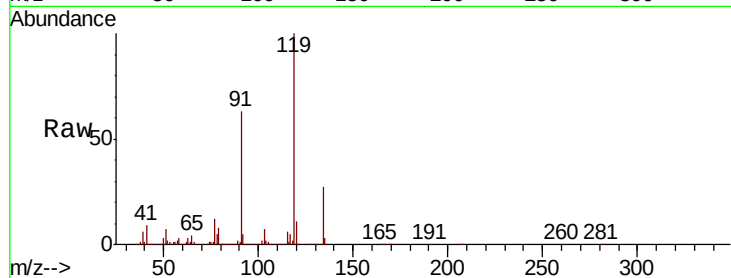
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:119 Resp: 1234276

Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.6	91.8
134	26.6	14.3	42.9

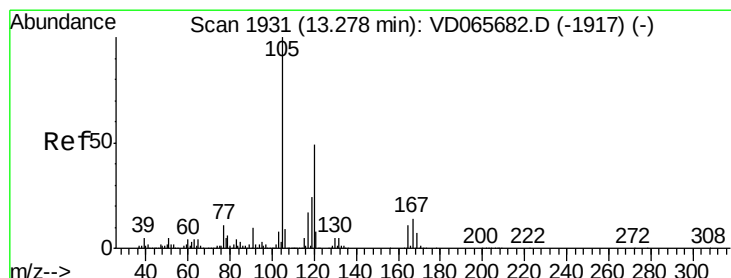
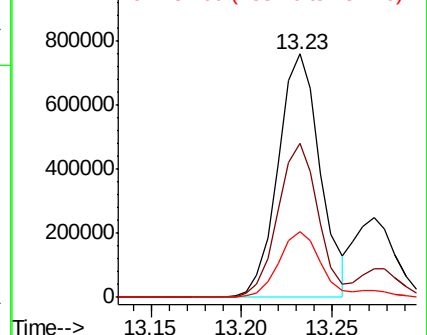
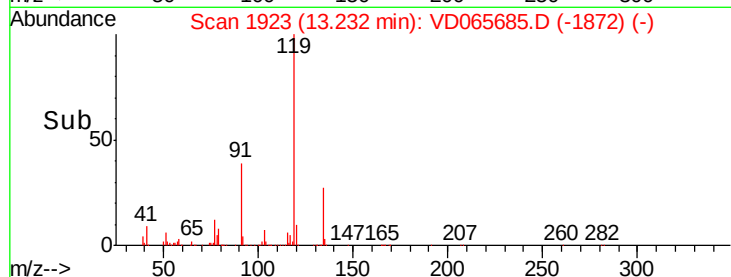


Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.504 ug/l

RT: 13.28 min Scan# 1931

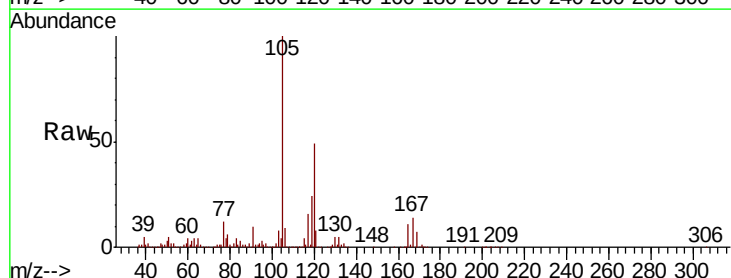
Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Tgt Ion:105 Resp: 1463280

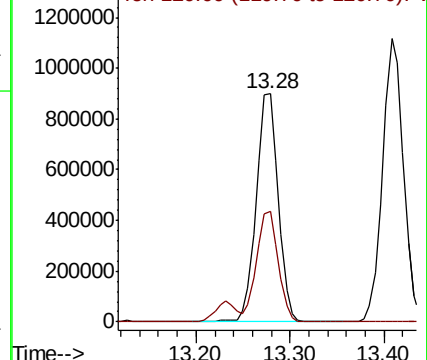
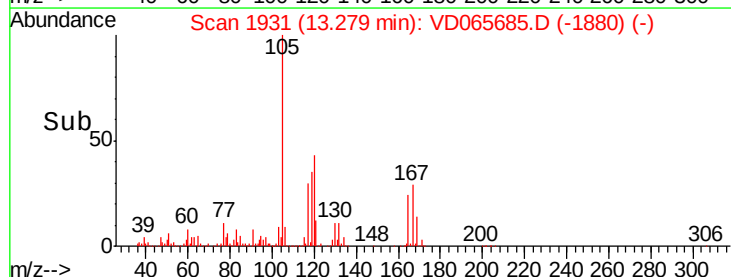
Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.0	72.0

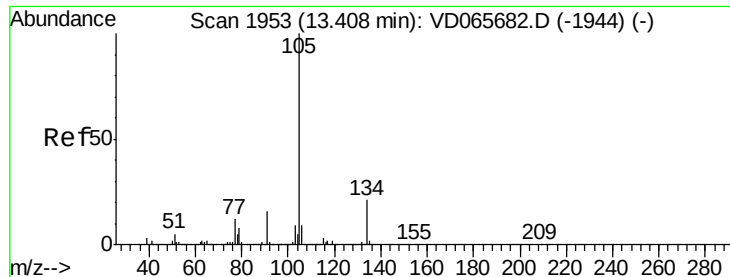


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.984 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

Instrument :

MSVOA_D

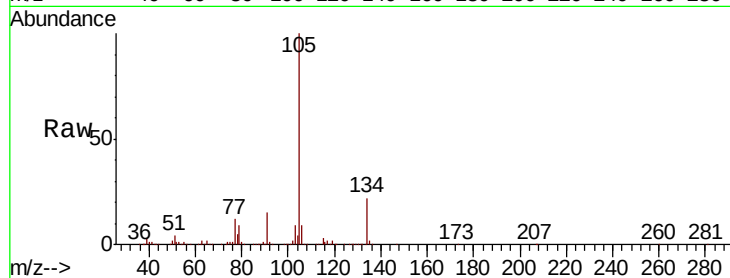
ClientSampleId :

Tot Ion:105 Resp: 1709547

Ion Ratio Lower Upper

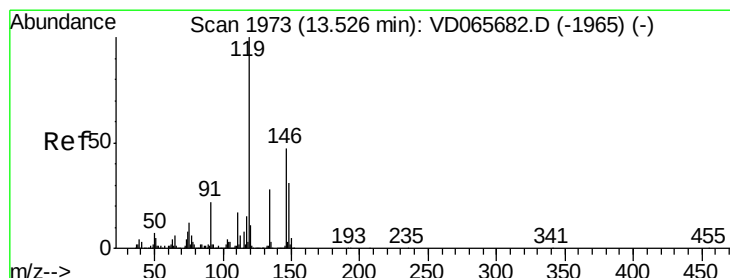
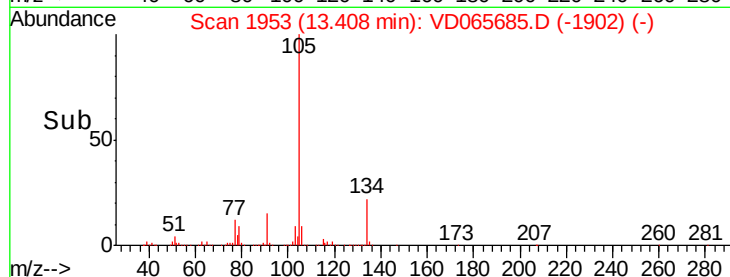
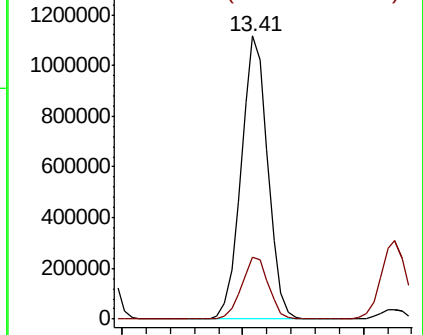
105 100

134 22.2 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.144 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065685.D

Acq: 29 Apr 2020 18:16

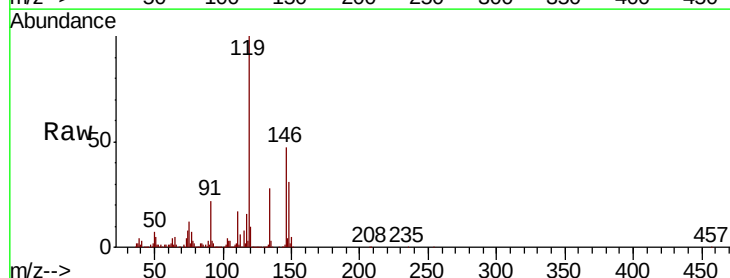
Tgt Ion:119 Resp: 1657374

Ion Ratio Lower Upper

119 100

134 27.6 13.8 41.3

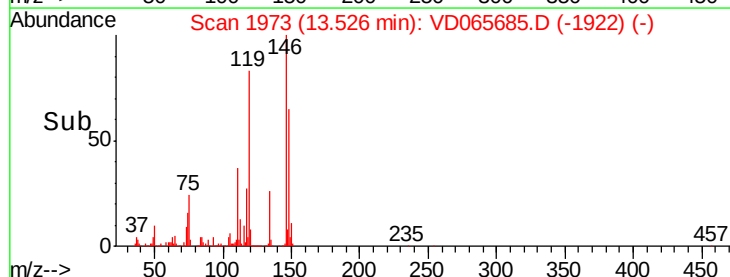
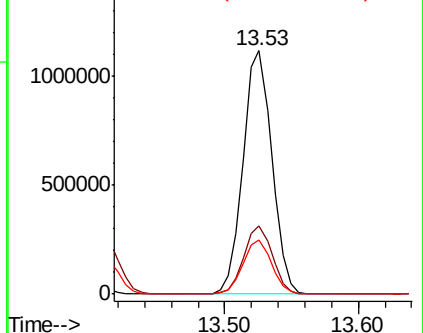
91 22.1 11.1 33.3

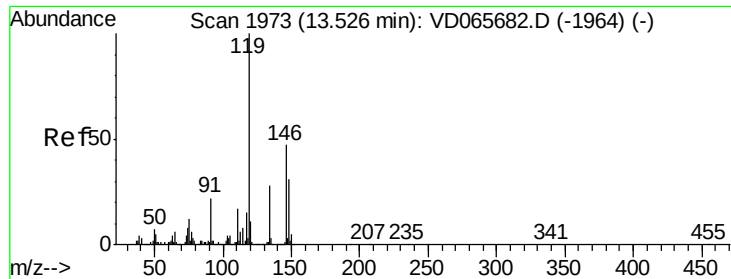


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

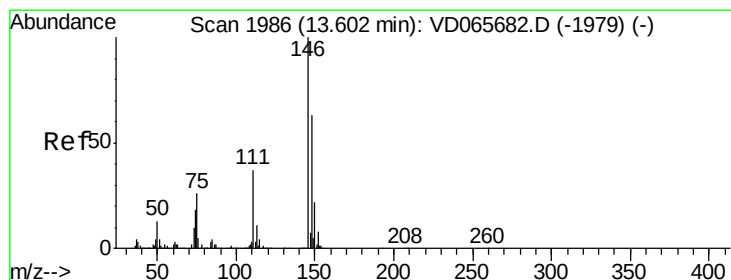
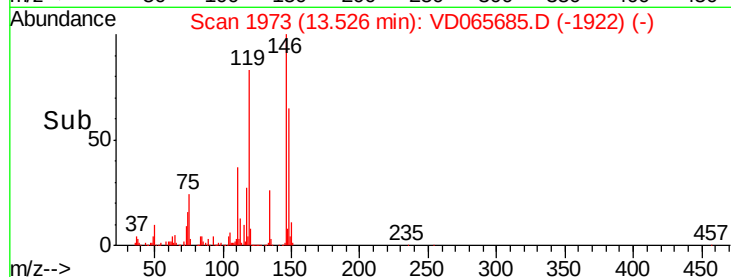
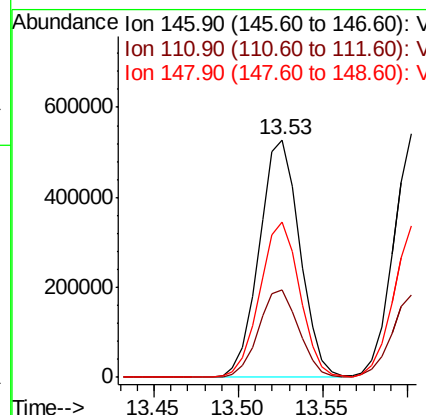
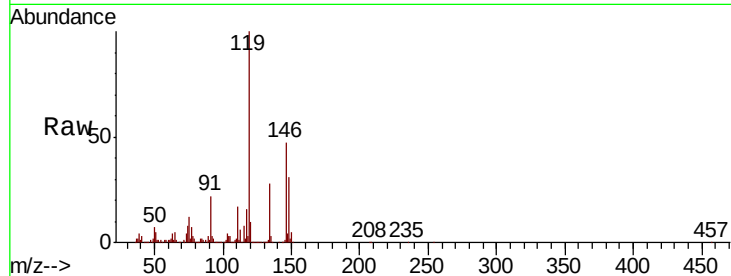




#87
 1,3-Dichlorobenzene
 Concen: 51.835 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

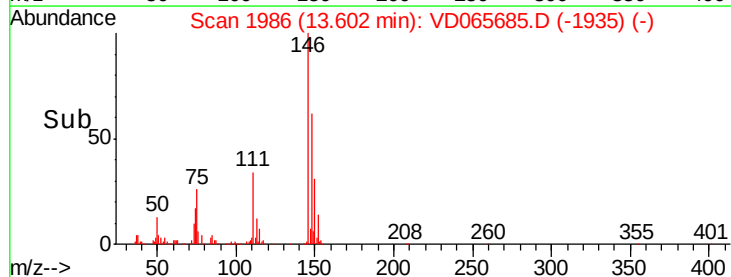
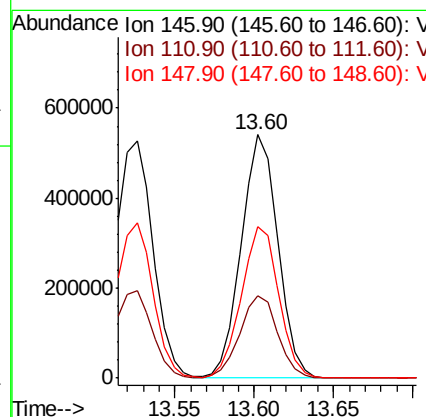
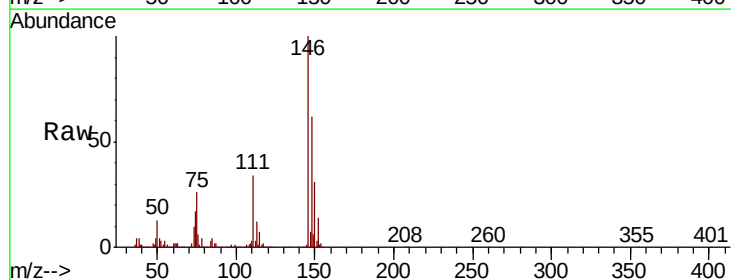
Instrument :
 MSVOA_D
 ClientSampleId :

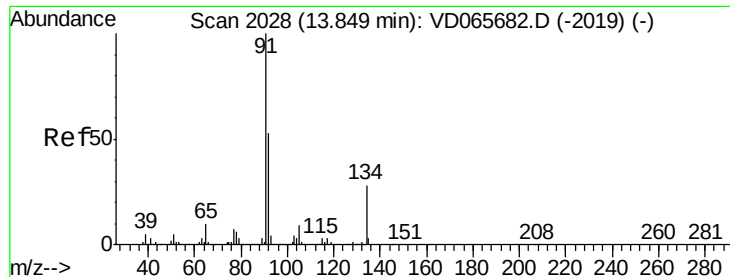
Tot Ion:146 Resp: 878115
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.6 55.8
 148 64.5 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 50.849 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion:146 Resp: 867414
 Ion Ratio Lower Upper
 146 100
 111 35.2 18.5 55.5
 148 63.5 31.9 95.7

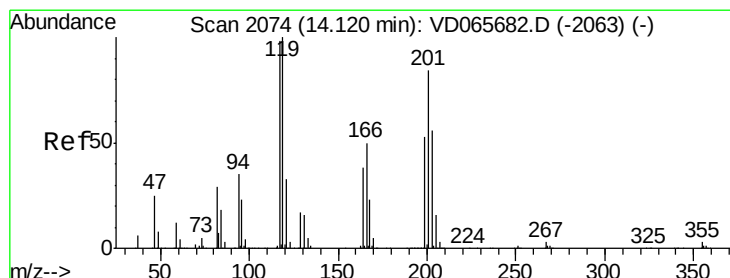
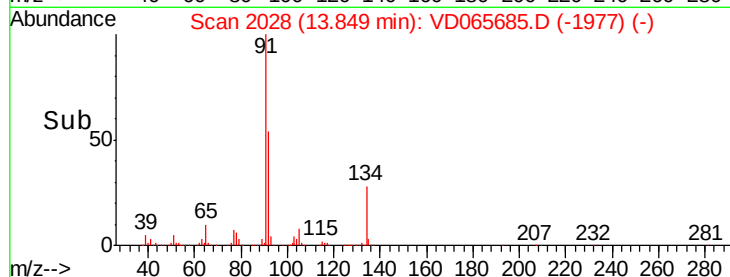
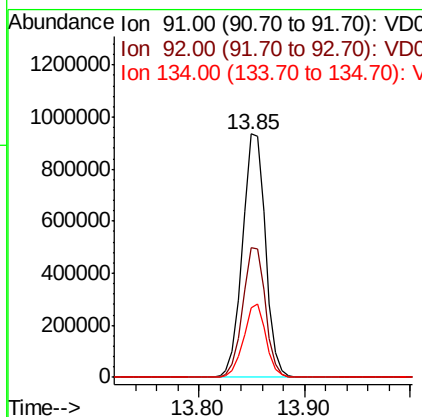
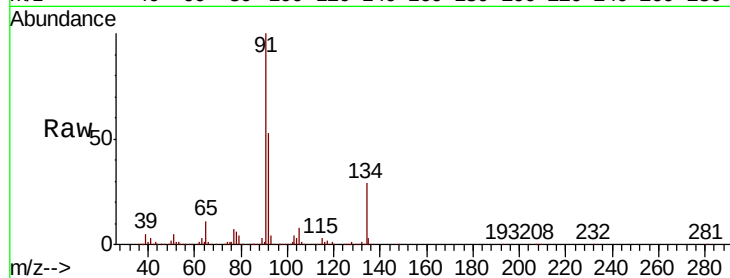




#89
n-Butylbenzene
Concen: 53.132 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

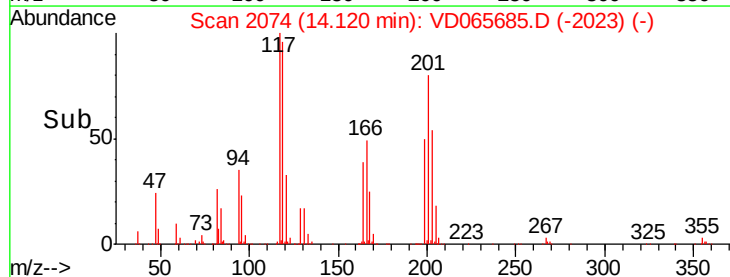
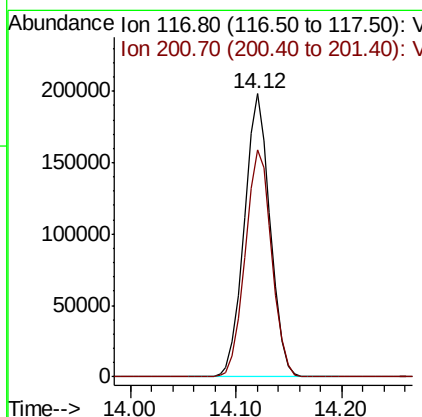
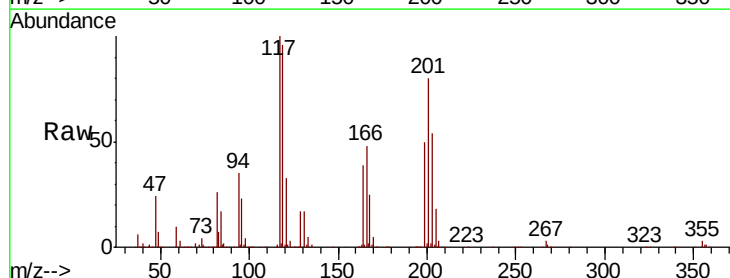
Instrument :
MSVOA_D
ClientSampleId :

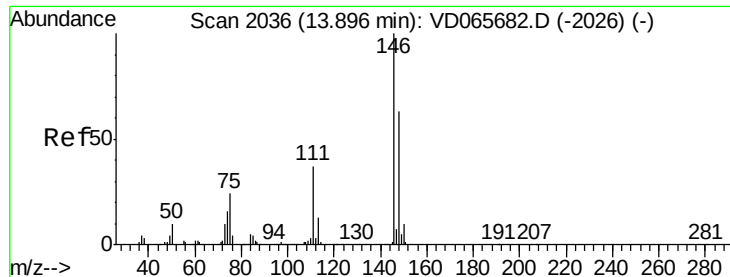
Tot Ion: 91 Resp: 1403372
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.3
134 29.4 14.1 42.4



#90
Hexachloroethane
Concen: 49.675 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion: 117 Resp: 335894
Ion Ratio Lower Upper
117 100
201 82.0 41.9 125.6

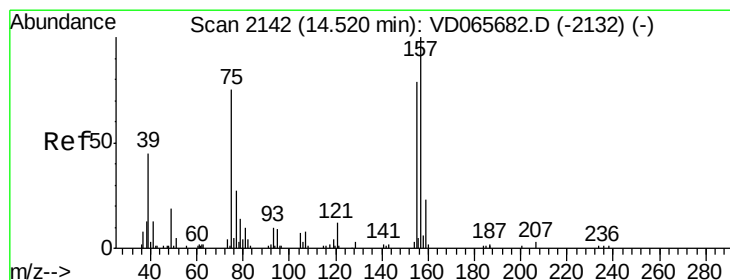
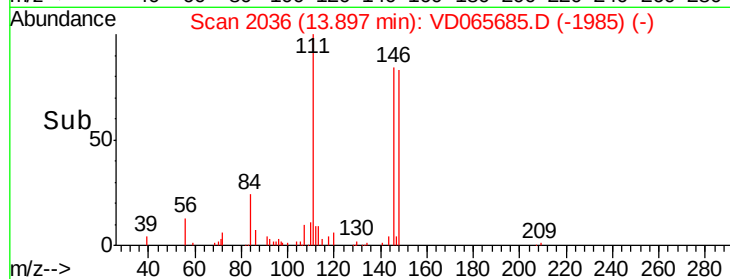
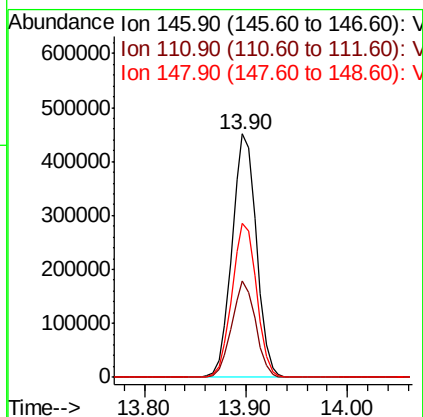
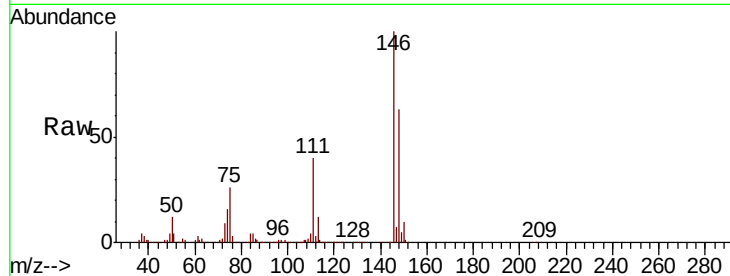




#91
 1,2-Dichlorobenzene
 Concen: 52.191 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

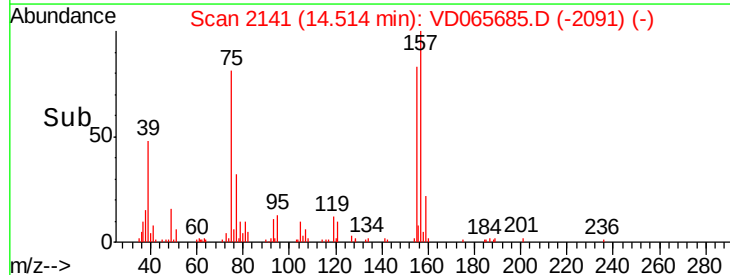
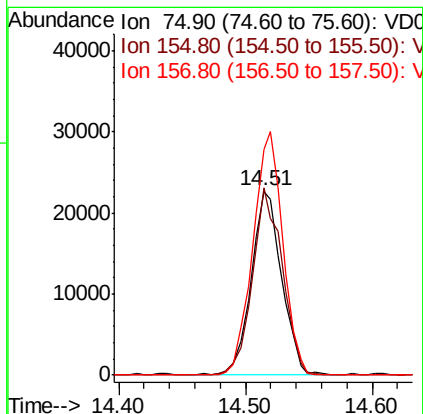
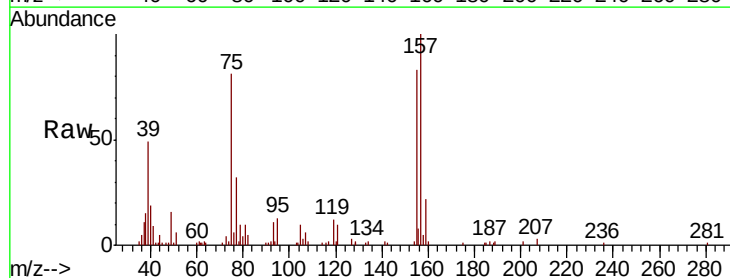
Instrument :
 MSVOA_D
 ClientSampleId :

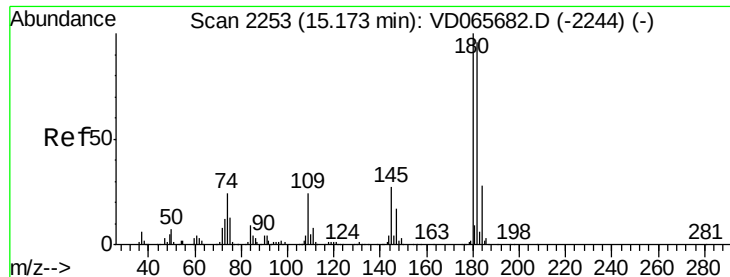
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.7
148	64.0	32.6	98.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.726 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	50.5	151.6
157	130.0	67.8	203.2

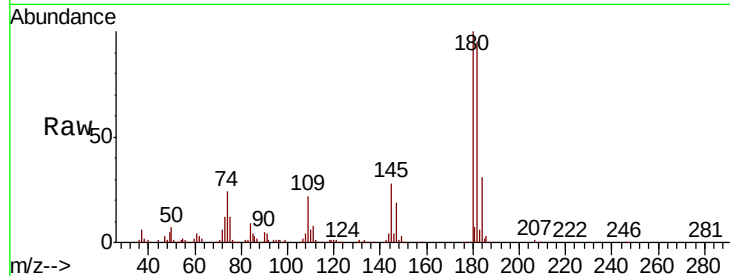




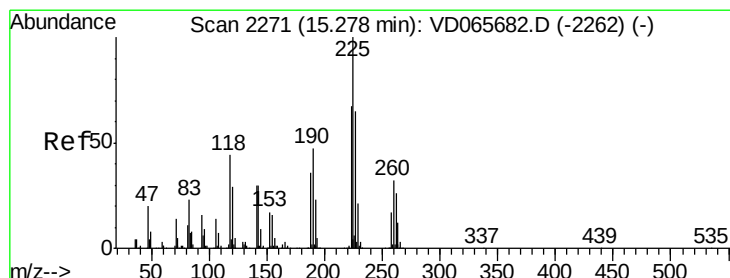
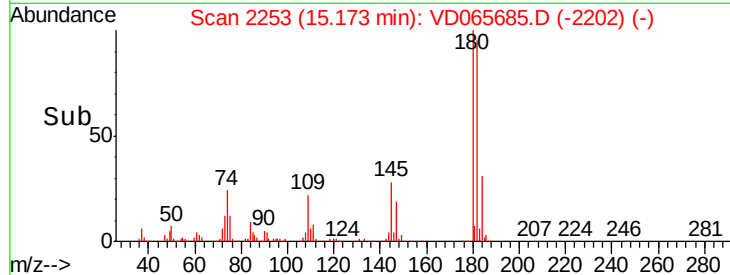
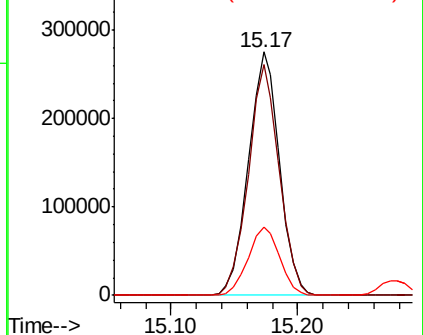
#93
 1,2,4-Trichlorobenzene
 Concen: 53.855 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.0
145	28.5	14.2	42.6

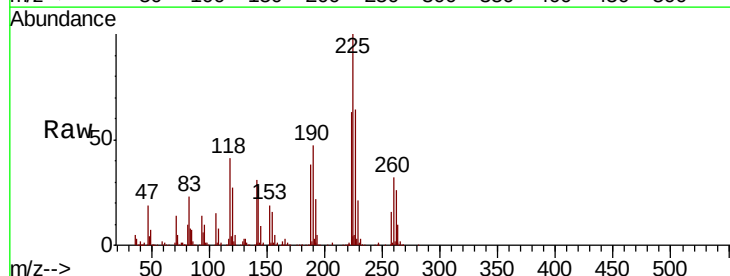


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

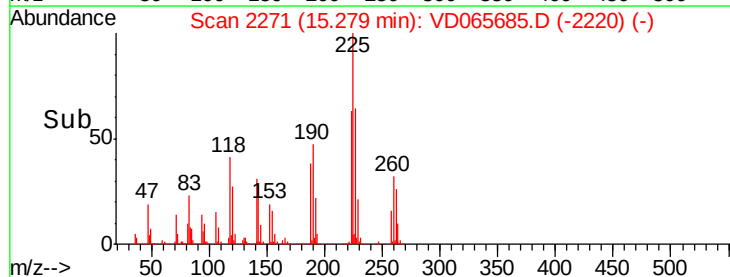
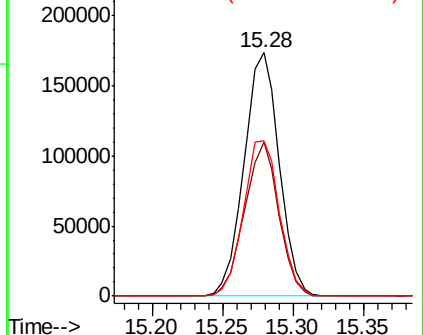


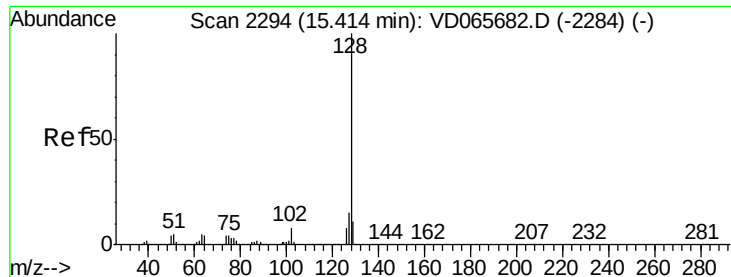
#94
 Hexachlorobutadiene
 Concen: 49.791 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065685.D
 Acq: 29 Apr 2020 18:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.3	96.8
227	65.6	32.2	96.6



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

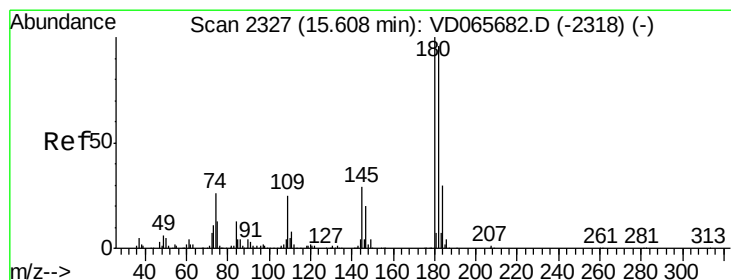
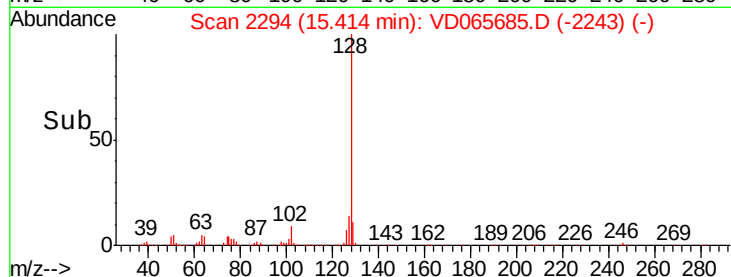
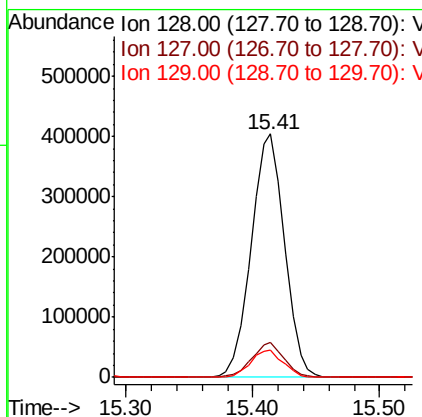
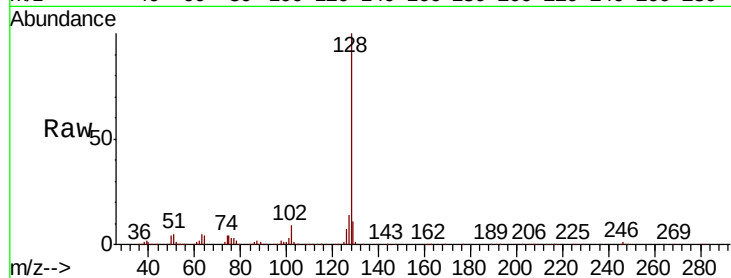




#95
Naphthalene
Concen: 50.079 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:128 Resp: 738018
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 54.712 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD065685.D
Acq: 29 Apr 2020 18:16

Tgt Ion:180 Resp: 419045
Ion Ratio Lower Upper
180 100
182 95.3 48.6 145.8
145 30.3 15.4 46.2

