

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042220\
 Data File : VD065667.D
 Acq On : 22 Apr 2020 15:33
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 03:35:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	242289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	327776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	308681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	184689	90.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.42%	
35) Dibromofluoromethane	7.92	113	192545	94.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.56%	
50) Toluene-d8	10.34	98	724846	95.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.82%	
62) 4-Bromofluorobenzene	12.64	95	239635	96.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	204294	104.676	ug/l	100
3) Chloromethane	2.21	50	205997	96.420	ug/l	98
4) Vinyl Chloride	2.35	62	235075	100.949	ug/l	97
5) Bromomethane	2.76	94	139884	108.944	ug/l	93
6) Chloroethane	2.92	64	140944	101.447	ug/l	95
7) Trichlorofluoromethane	3.27	101	330379	99.125	ug/l	99
8) Diethyl Ether	3.71	74	73763	108.782	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	159397	104.542	ug/l	100
10) Methyl Iodide	4.29	142	191366	92.982	ug/l	98
11) Tert butyl alcohol	5.24	59	43840	388.905	ug/l	96
12) 1,1-Dichloroethene	4.06	96	148094	108.016	ug/l	98
13) Acrolein	3.93	56	55513	627.749	ug/l	99
14) Allyl chloride	4.71	41	244639	96.034	ug/l	99
15) Acrylonitrile	5.43	53	171942	397.076	ug/l	97
16) Acetone	4.16	43	148272	510.551	ug/l	99
17) Carbon Disulfide	4.40	76	497002	93.173	ug/l	100
18) Methyl Acetate	4.72	43	86719	91.044	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	353915	88.129	ug/l	95
20) Methylene Chloride	4.96	84	162818	71.211	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	179485	77.502	ug/l	98
22) Diisopropyl ether	6.37	45	515773	83.147	ug/l	96
23) Vinyl Acetate	6.31	43	1541172	466.210	ug/l	99
24) 1,1-Dichloroethane	6.27	63	301338	76.212	ug/l	100
25) 2-Butanone	7.22	43	300888	568.191	ug/l	99
26) 2,2-Dichloropropane	7.21	77	350058	101.670	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	258401	107.197	ug/l	98
28) Bromochloromethane	7.55	49	148768	92.162	ug/l	99
29) Tetrahydrofuran	7.57	42	201735	600.835	ug/l	99
30) Chloroform	7.71	83	408516	101.425	ug/l	98
31) Cyclohexane	7.98	56	393740	104.524	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	373484	102.636	ug/l	98
36) 1,1-Dichloropropene	8.11	75	335578	108.205	ug/l	99
37) Ethyl Acetate	7.30	43	143054	117.282	ug/l	96
38) Carbon Tetrachloride	8.10	117	346441	104.717	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042220\
 Data File : VD065667.D
 Acq On : 22 Apr 2020 15:33
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 03:35:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	419770	117.233	ug/l	97
40) Benzene	8.36	78	938688	105.738	ug/l	99
41) Methacrylonitrile	7.53	41	70945	110.310	ug/l	88
42) 1,2-Dichloroethane	8.43	62	260117	107.348	ug/l	99
43) Isopropyl Acetate	8.46	43	259954	117.826	ug/l	100
44) Trichloroethene	9.11	130	265474	106.738	ug/l	100
45) 1,2-Dichloropropane	9.39	63	231196	106.537	ug/l	97
46) Dibromomethane	9.48	93	121498	108.215	ug/l	99
47) Bromodichloromethane	9.67	83	315488	105.811	ug/l	98
48) Methyl methacrylate	9.46	41	125558	119.077	ug/l	98
49) 1,4-Dioxane	9.47	88	30588	2469.600	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	682388	610.608	ug/l	99
52) Toluene	10.41	92	609218	111.191	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	308934	114.164	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	369057	111.510	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	170143	108.293	ug/l	98
56) Ethyl methacrylate	10.67	69	217914	129.251	ug/l	95
57) 1,3-Dichloropropane	10.95	76	295063	110.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	511292	573.634	ug/l	100
59) 2-Hexanone	10.99	43	468905	618.405	ug/l	97
60) Dibromochloromethane	11.14	129	224678	107.645	ug/l	100
61) 1,2-Dibromoethane	11.25	107	163590	107.631	ug/l	99
64) Tetrachloroethene	10.88	164	229027	107.229	ug/l	99
65) Chlorobenzene	11.67	112	633533	106.883	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	242374	106.997	ug/l	98
67) Ethyl Benzene	11.75	91	1146601	113.205	ug/l	99
68) m/p-Xylenes	11.86	106	894179	228.225	ug/l	100
69) o-Xylene	12.18	106	398703	116.816	ug/l	100
70) Styrene	12.20	104	710418	117.464	ug/l	100
71) Bromoform	12.37	173	139356	109.842	ug/l #	97
73) Isopropylbenzene	12.48	105	1086960	116.729	ug/l	100
74) N-amyl acetate	12.30	43	242439	123.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	183618	108.930	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	243207	201.875	ug/l #	100
77) Bromobenzene	12.77	156	267497	108.536	ug/l	98
78) n-propylbenzene	12.83	91	1285860	114.119	ug/l	100
79) 2-Chlorotoluene	12.91	91	707935	110.441	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	901147	114.568	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	65737	116.528	ug/l	95
82) 4-Chlorotoluene	13.01	91	744180	107.831	ug/l	99
83) tert-Butylbenzene	13.23	119	774172	117.500	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	901586	115.075	ug/l	99
85) sec-Butylbenzene	13.41	105	1085893	115.086	ug/l	100
86) p-Isopropyltoluene	13.53	119	1011296	114.088	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	511260	105.450	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	496396	103.018	ug/l	100
89) n-Butylbenzene	13.86	91	913594	113.727	ug/l	100
90) Hexachloroethane	14.12	117	192815	103.424	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	443340	106.936	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	29380	114.909	ug/l	84

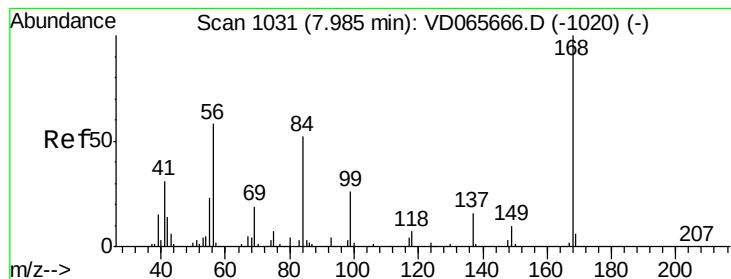
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042220\
Data File : VD065667.D
Acq On : 22 Apr 2020 15:33
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 23 03:35:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042220S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 03:30:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	320035	112.586	ug/l	99
94) Hexachlorobutadiene	15.28	225	206378	105.372	ug/l	99
95) Naphthalene	15.41	128	539198	129.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	280128	112.084	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

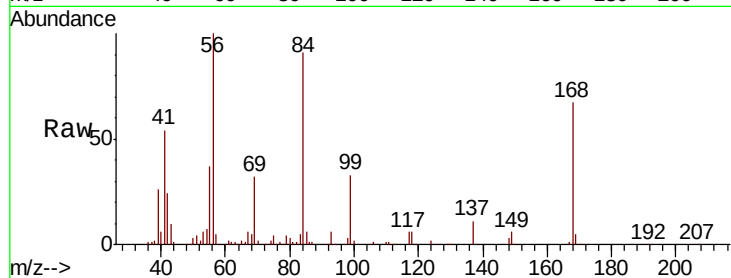
ClientSampleId :

Tot Ion:168 Resp: 242289

Ion Ratio Lower Upper

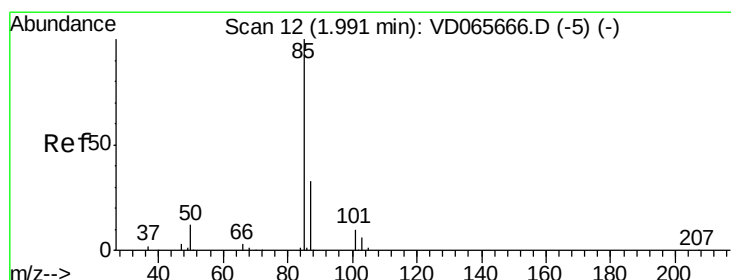
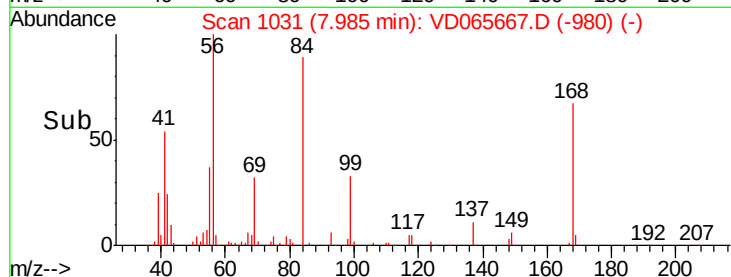
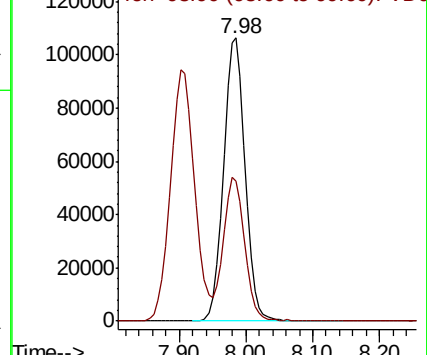
168 100

99 49.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 104.676 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065667.D

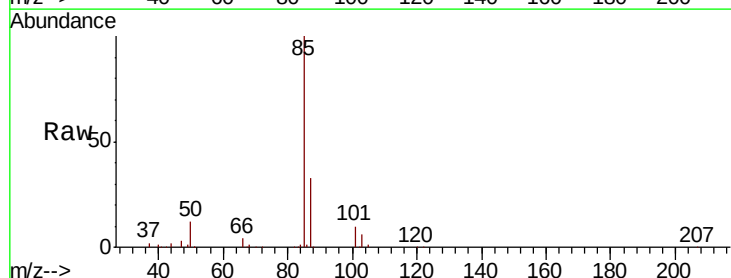
Acq: 22 Apr 2020 15:33

Tgt Ion: 85 Resp: 204294

Ion Ratio Lower Upper

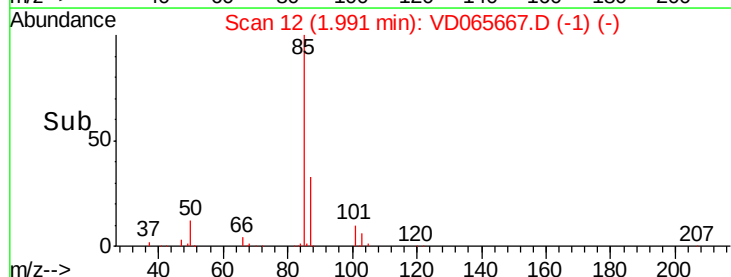
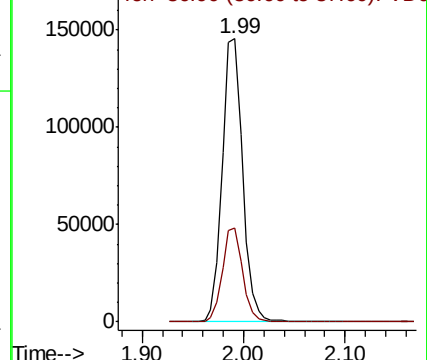
85 100

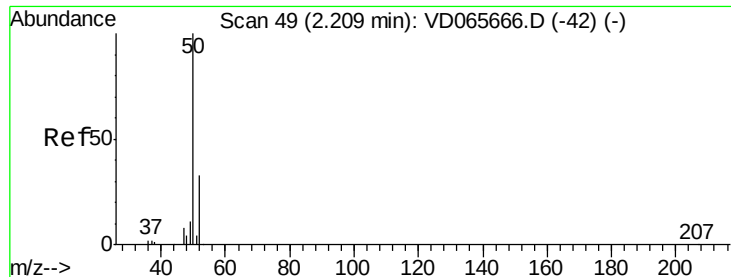
87 33.2 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 96.420 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

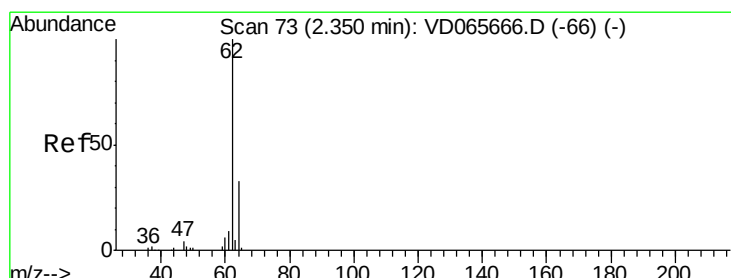
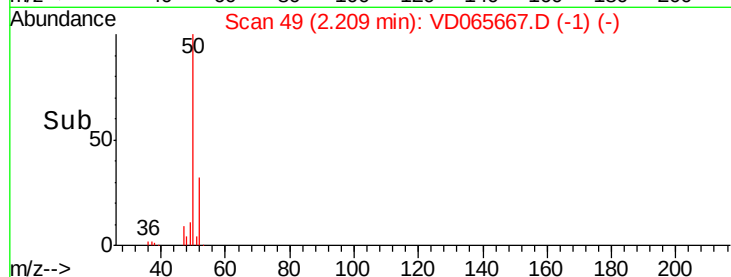
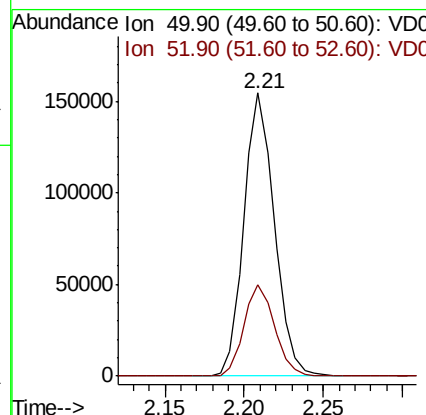
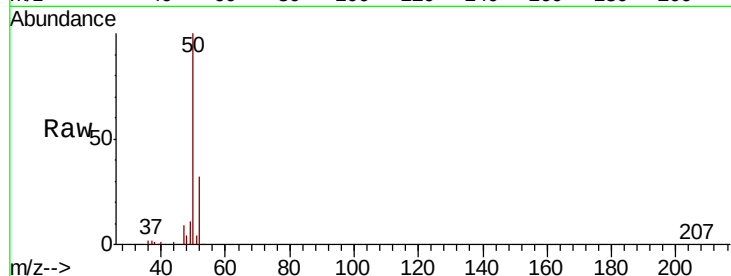
ClientSampleId :

Tot Ion: 50 Resp: 205997

Ion Ratio Lower Upper

50 100

52 32.2 26.6 39.8



#4

Vinyl Chloride

Concen: 100.949 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065667.D

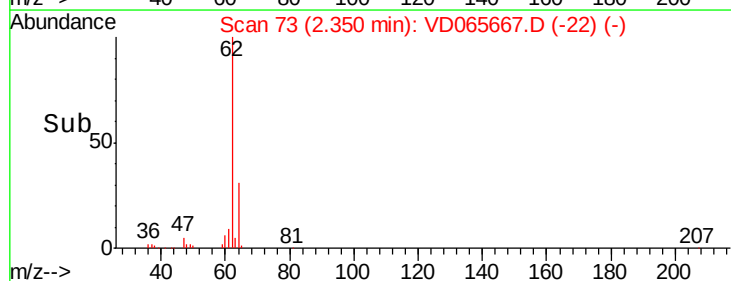
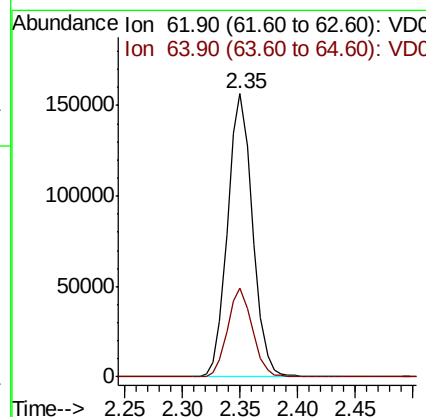
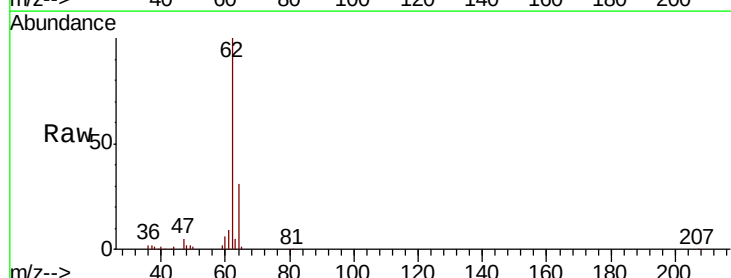
Acq: 22 Apr 2020 15:33

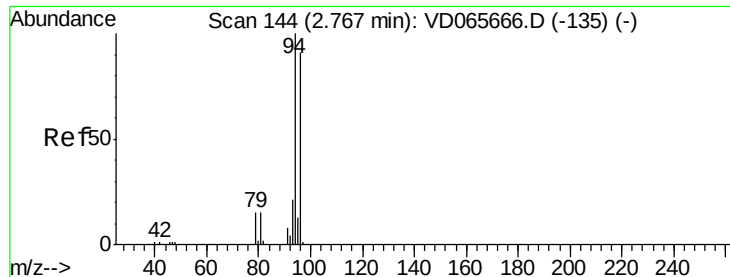
Tgt Ion: 62 Resp: 235075

Ion Ratio Lower Upper

62 100

64 31.4 26.4 39.6





#5

Bromomethane

Concen: 108.944 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

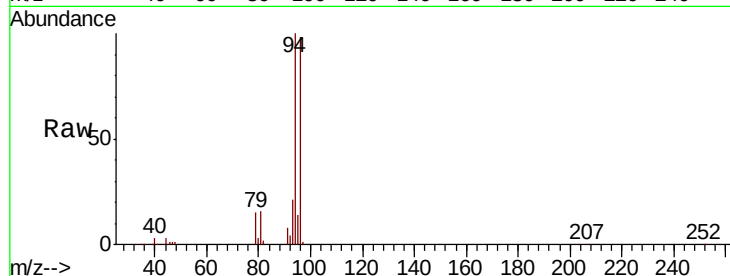
ClientSampleId :

Tot Ion: 94 Resp: 139884

Ion Ratio Lower Upper

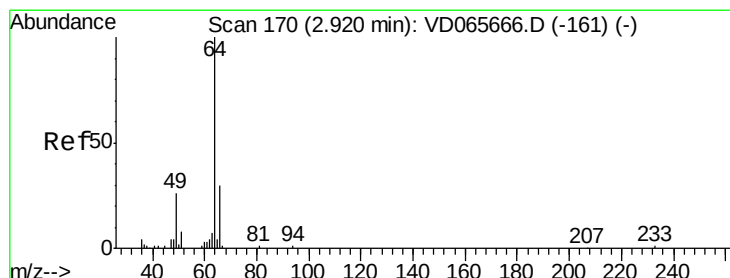
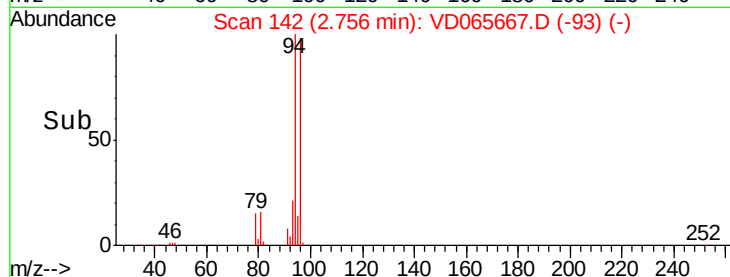
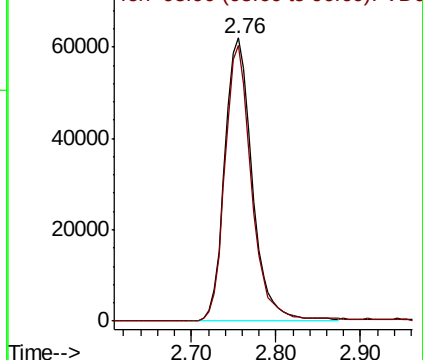
94 100

96 97.5 72.4 108.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 101.447 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065667.D

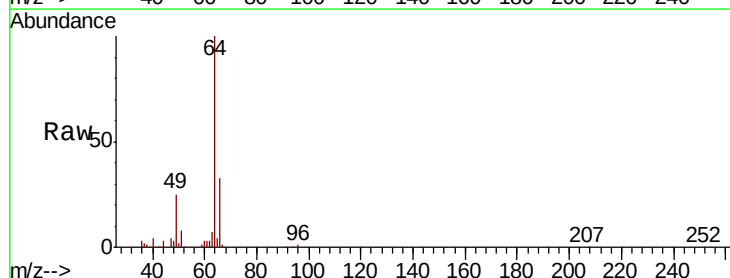
Acq: 22 Apr 2020 15:33

Tgt Ion: 64 Resp: 140944

Ion Ratio Lower Upper

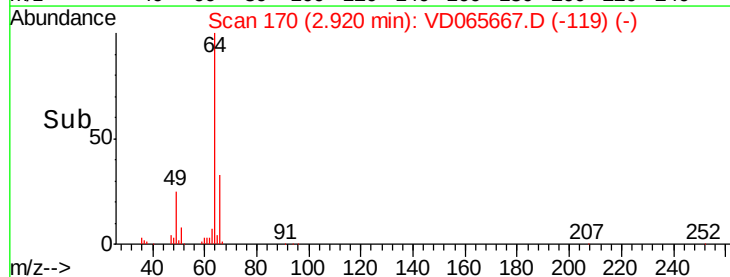
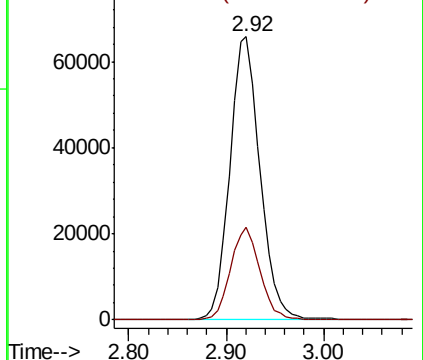
64 100

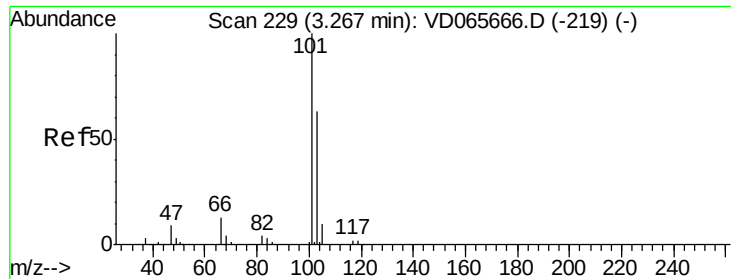
66 33.0 24.2 36.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



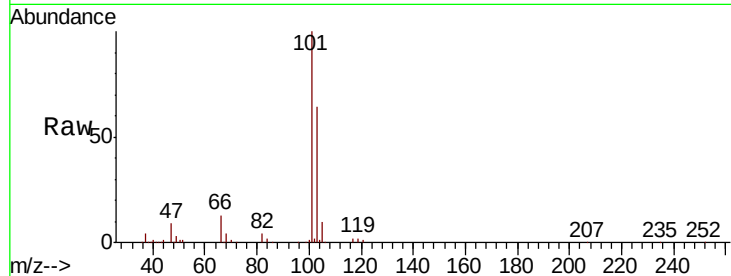


#7

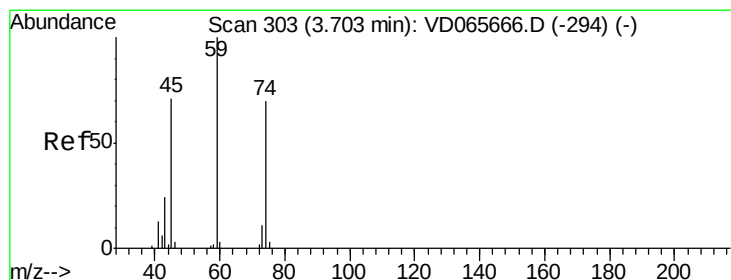
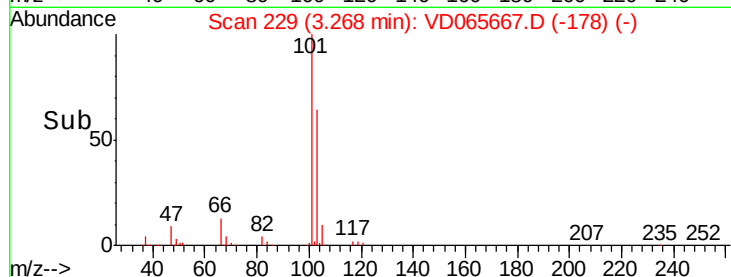
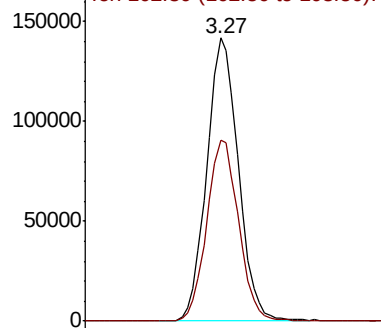
Trichlorofluoromethane
 Concen: 99.125 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 330379
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.2 75.2



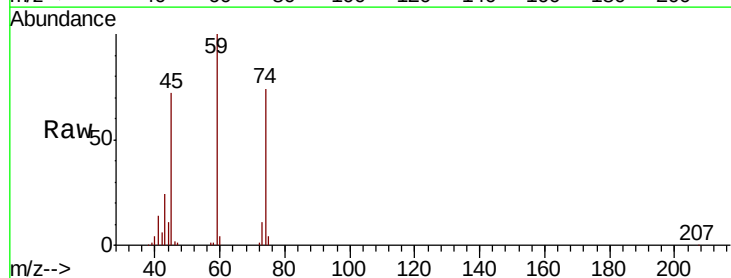
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



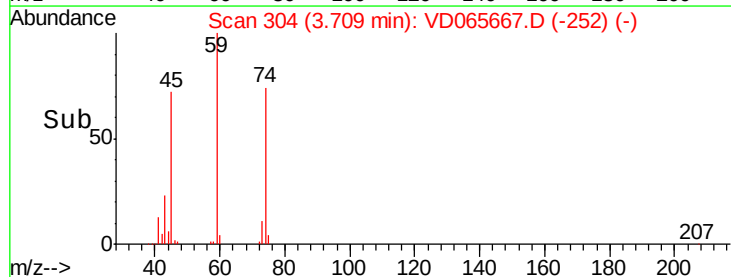
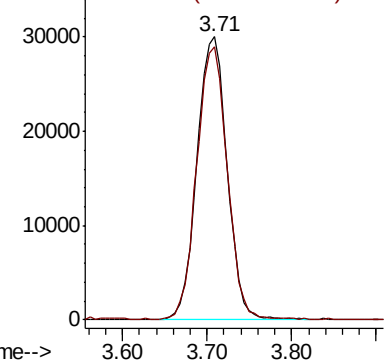
#8

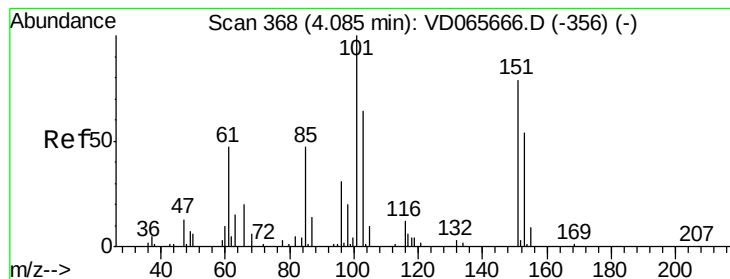
Diethyl Ether
 Concen: 108.782 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion: 74 Resp: 73763
 Ion Ratio Lower Upper
 74 100
 45 98.0 51.0 153.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 104.542 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

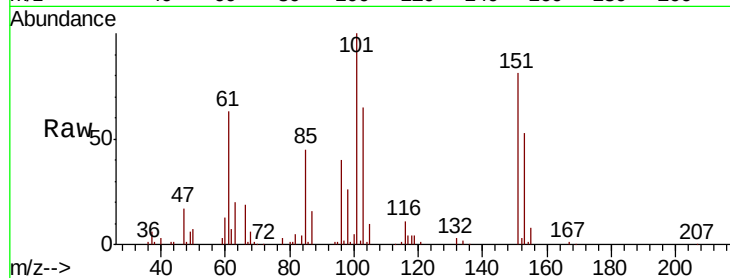
Tot Ion:101 Resp: 159397

Ion Ratio Lower Upper

101 100

85 44.2 35.6 53.4

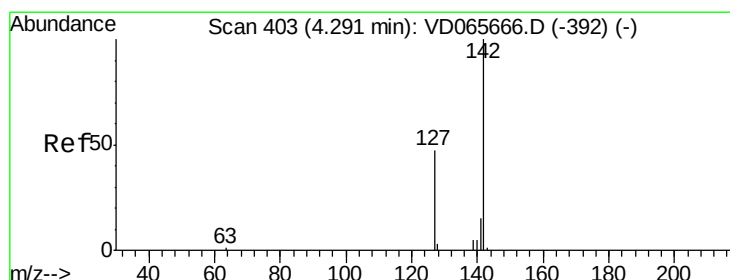
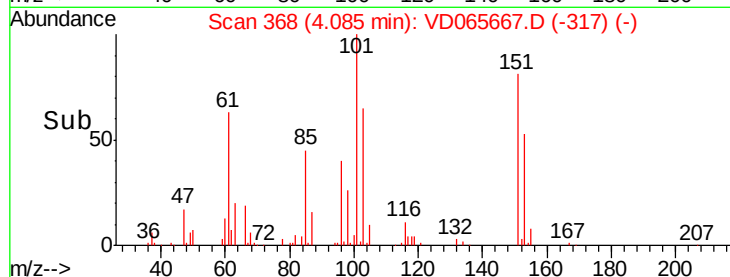
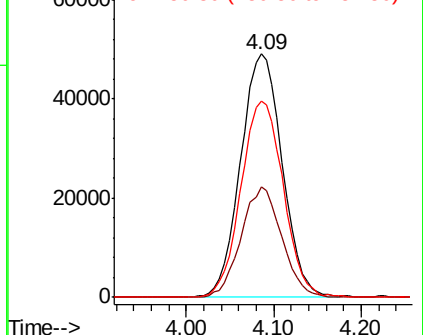
151 82.0 65.4 98.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 92.982 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

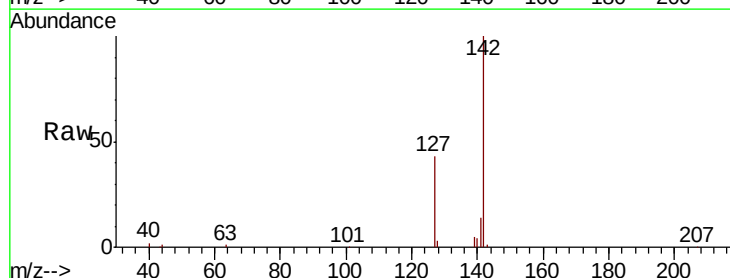
Tgt Ion:142 Resp: 191366

Ion Ratio Lower Upper

142 100

127 46.1 38.2 57.2

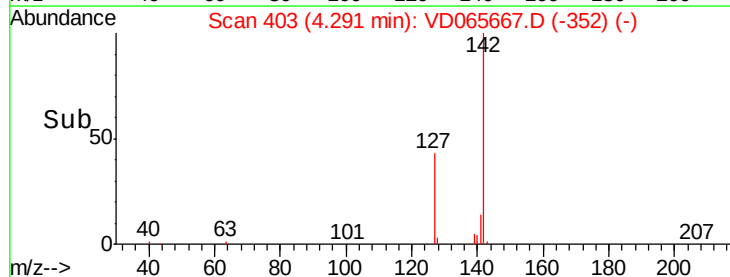
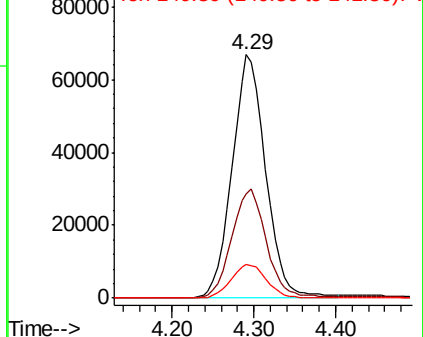
141 14.6 12.1 18.1

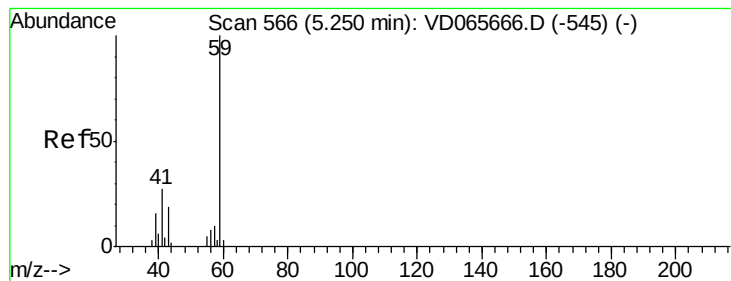


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



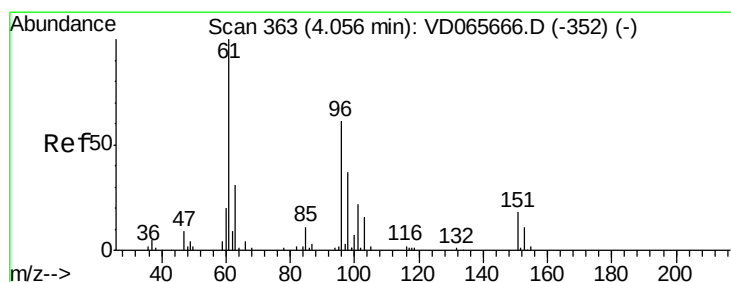
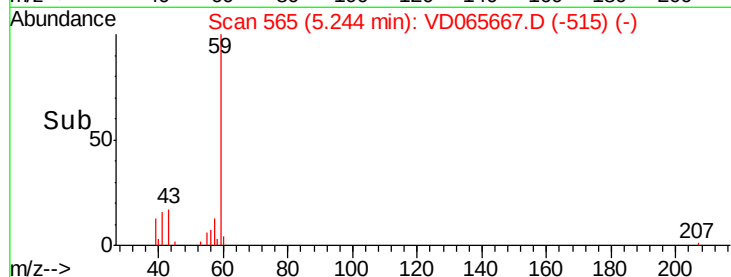
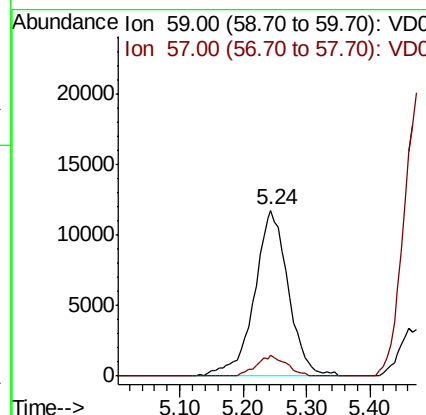
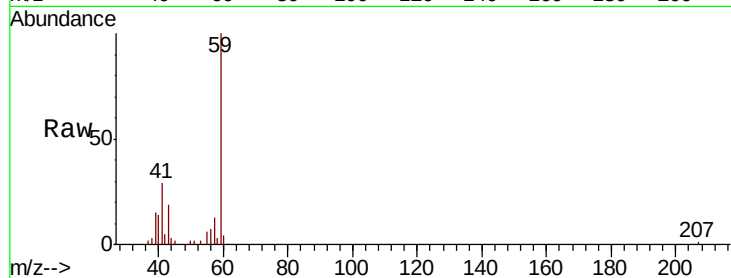


#11

Tert butyl alcohol
Concen: 388.905 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :

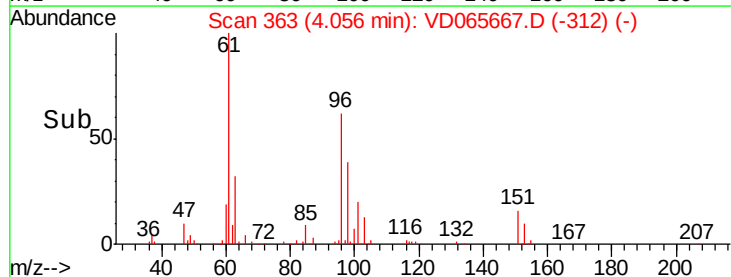
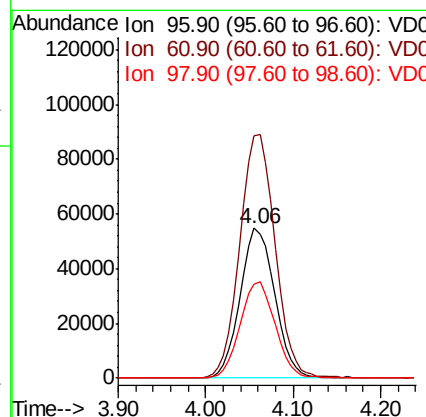
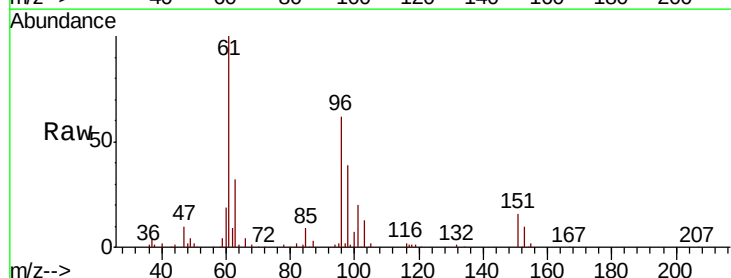
Tot Ion: 59 Resp: 43840
Ion Ratio Lower Upper
59 100
57 10.9 7.5 11.3

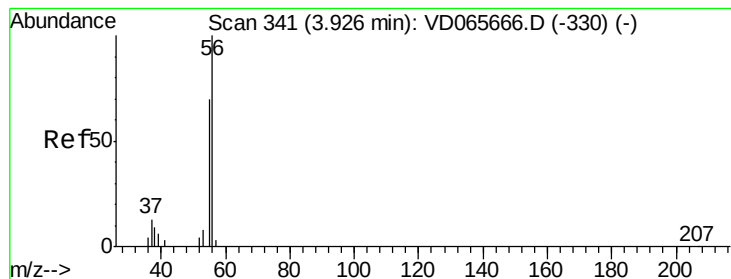


#12

1,1-Dichloroethene
Concen: 108.016 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion: 96 Resp: 148094
Ion Ratio Lower Upper
96 100
61 161.7 131.8 197.6
98 62.6 48.2 72.4





#13

Acrolein

Concen: 627.749 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

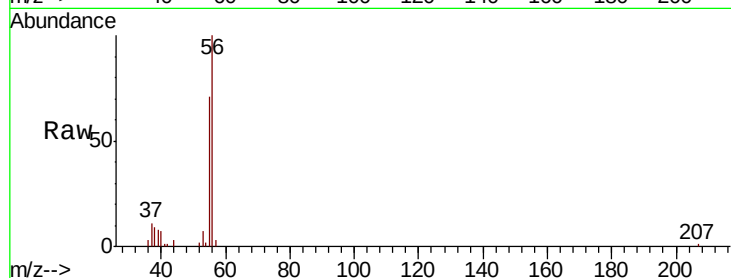
ClientSampleId :

Tot Ion: 56 Resp: 55513

Ion Ratio Lower Upper

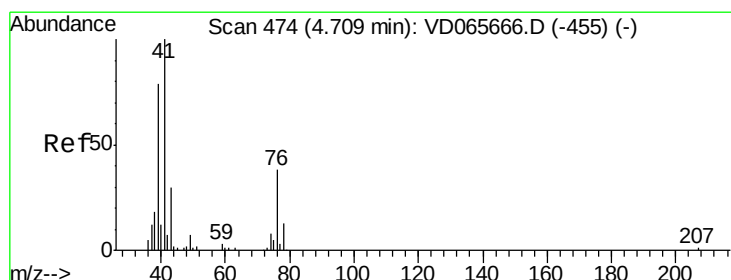
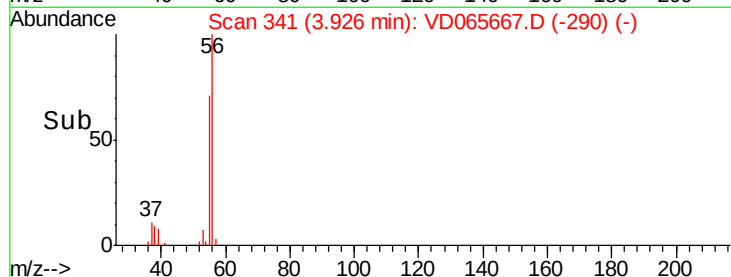
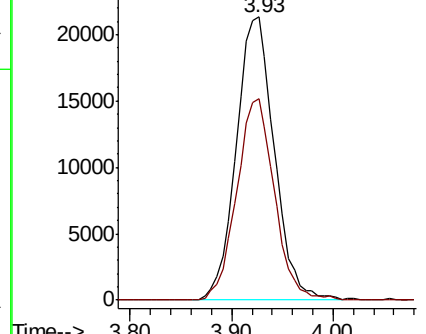
56 100

55 70.4 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 96.034 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

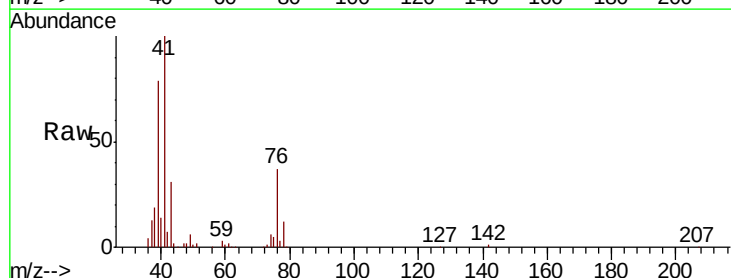
Tgt Ion: 41 Resp: 244639

Ion Ratio Lower Upper

41 100

39 77.3 60.7 91.1

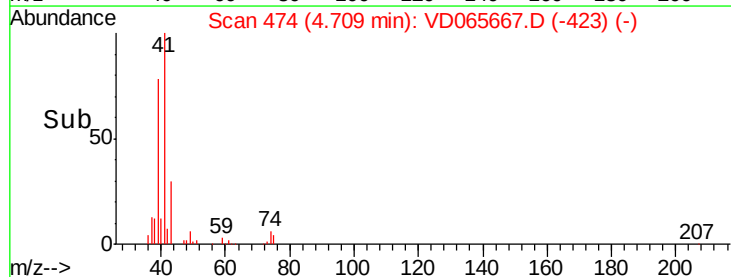
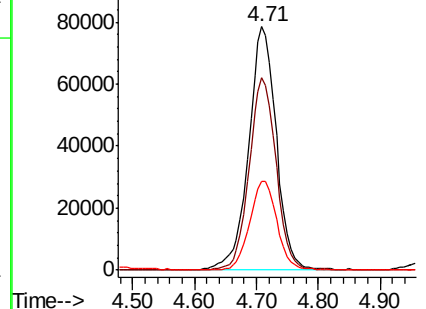
76 36.1 29.3 43.9

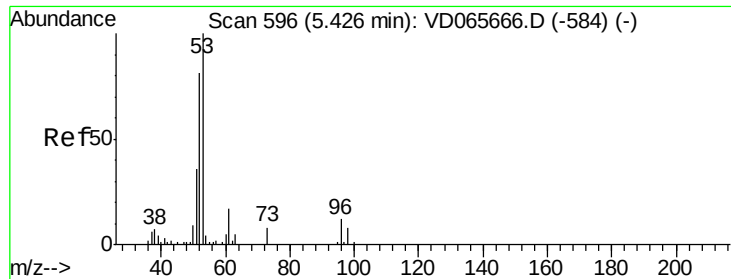


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 397.076 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

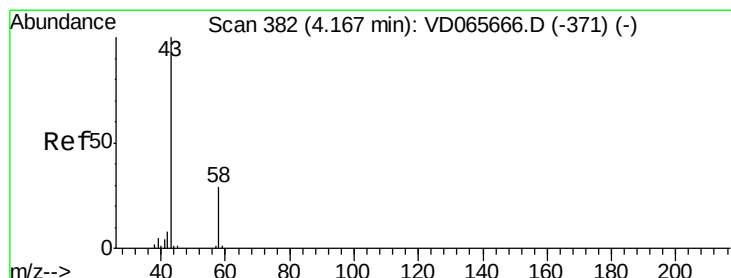
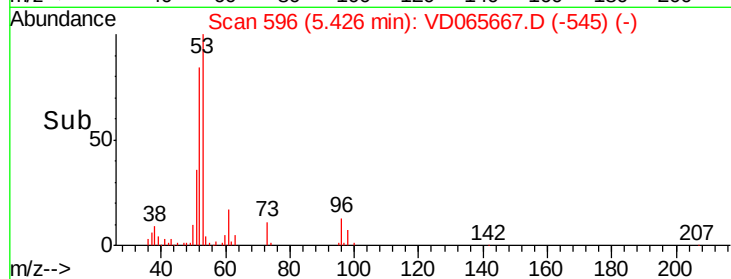
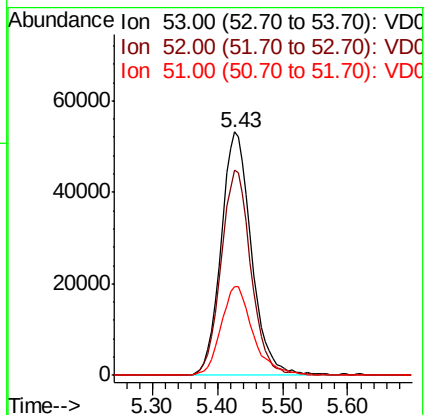
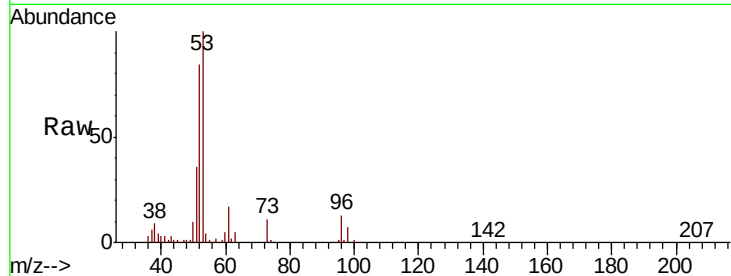
Tot Ion: 53 Resp: 171942

Ion Ratio Lower Upper

53 100

52 83.0 64.2 96.2

51 38.4 29.5 44.3



#16

Acetone

Concen: 510.551 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065667.D

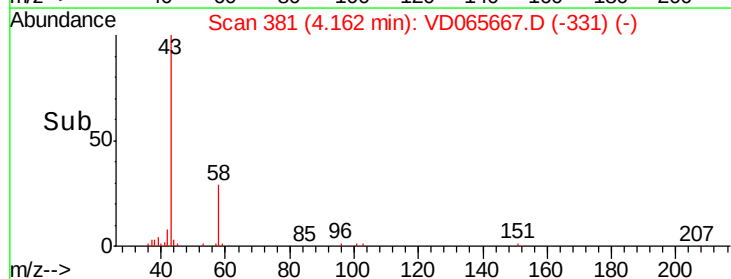
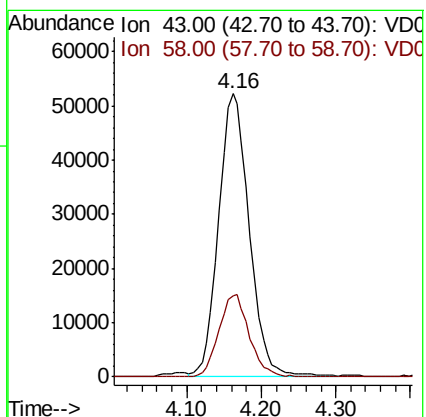
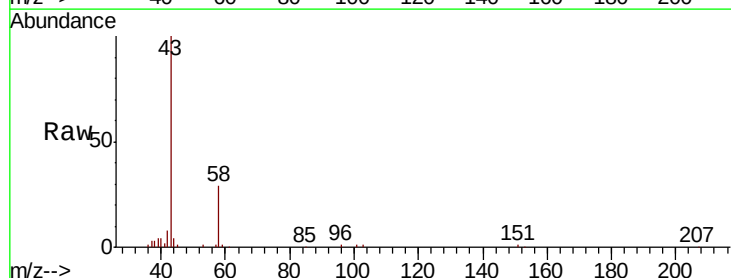
Acq: 22 Apr 2020 15:33

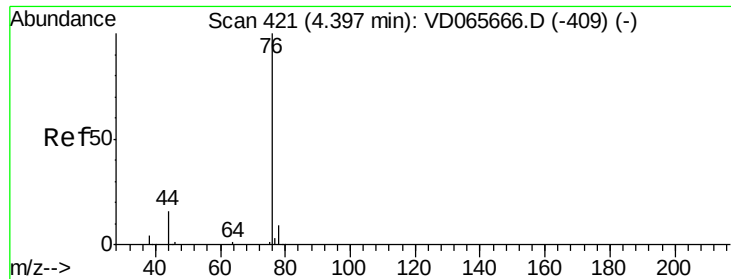
Tgt Ion: 43 Resp: 148272

Ion Ratio Lower Upper

43 100

58 28.9 22.6 34.0

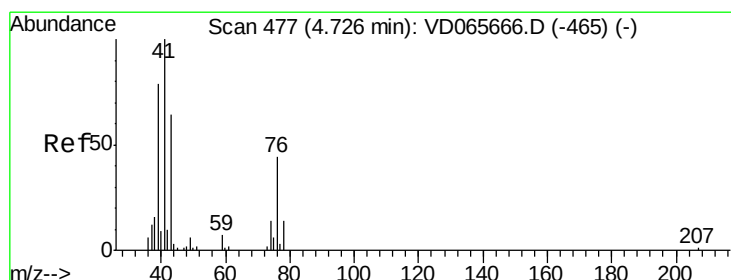
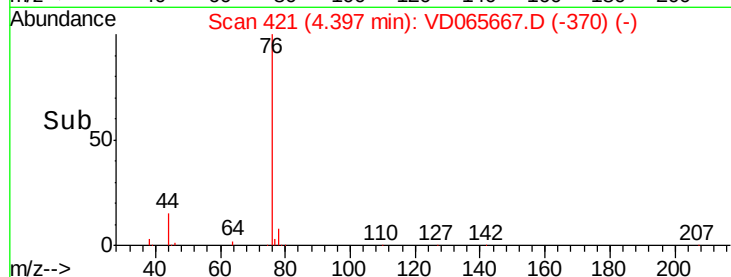
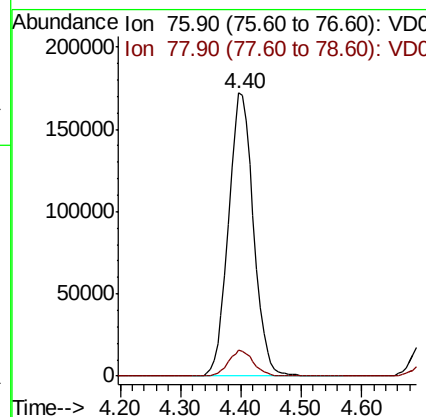
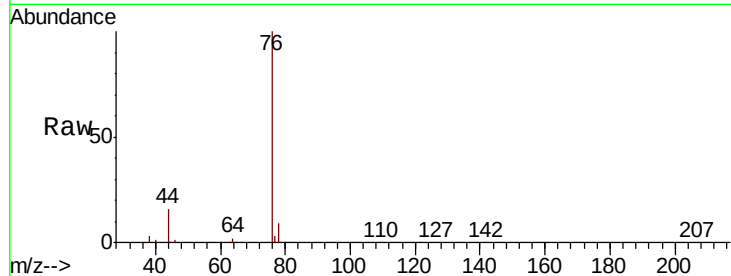




#17
Carbon Disulfide
Concen: 93.173 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

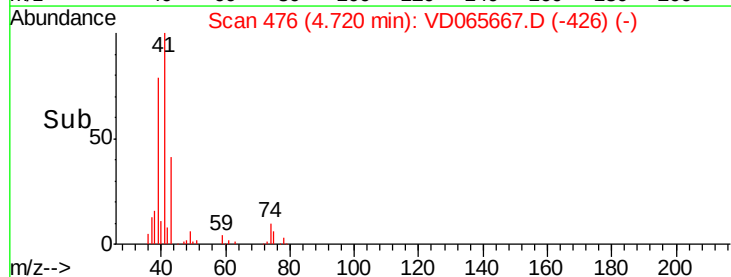
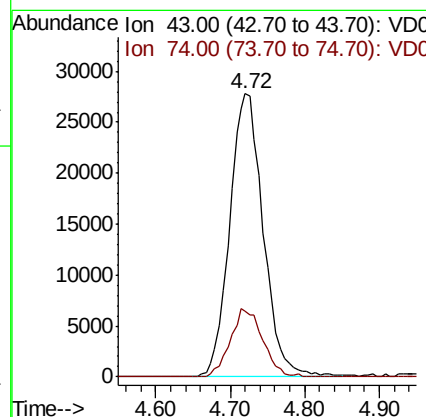
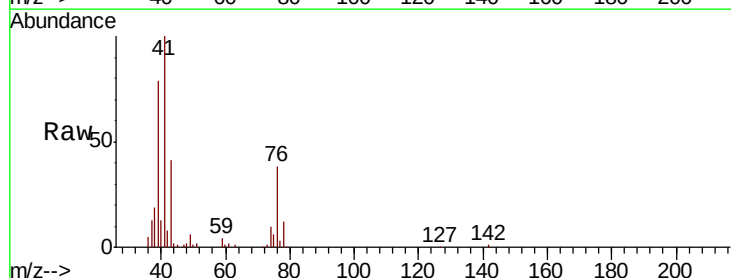
Instrument :
MSVOA_D
ClientSampleId :

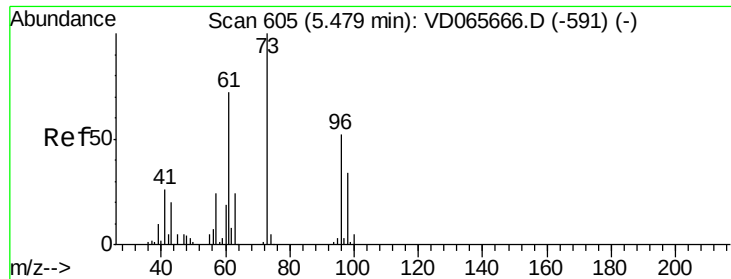
Tot Ion: 76 Resp: 497002
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 91.044 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion: 43 Resp: 86719
Ion Ratio Lower Upper
43 100
74 23.1 18.6 28.0

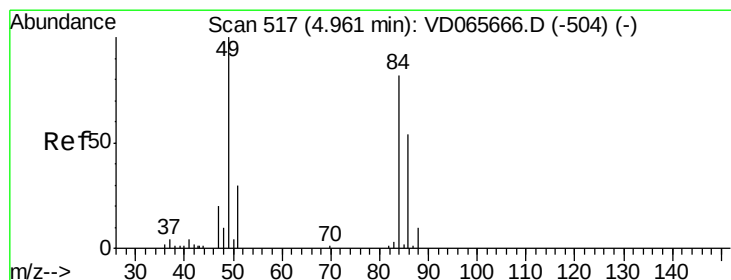
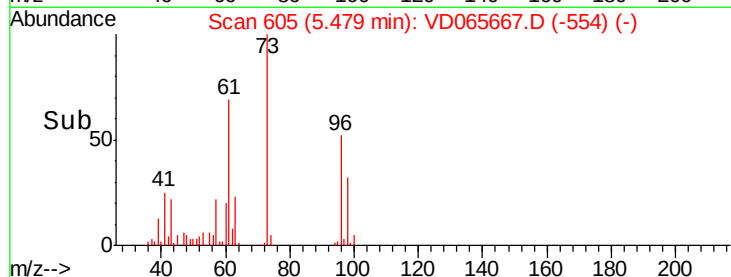
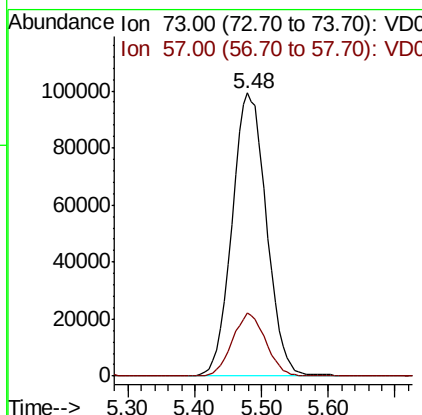
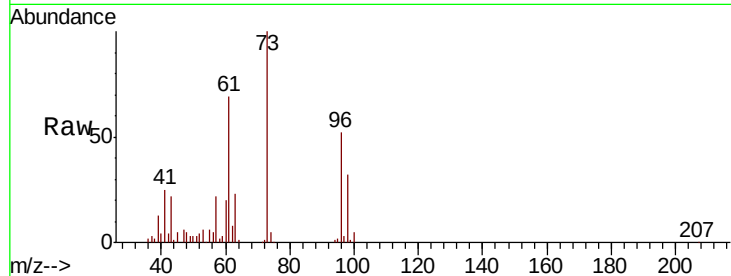




#19
Methyl tert-butyl Ether
Concen: 88.129 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

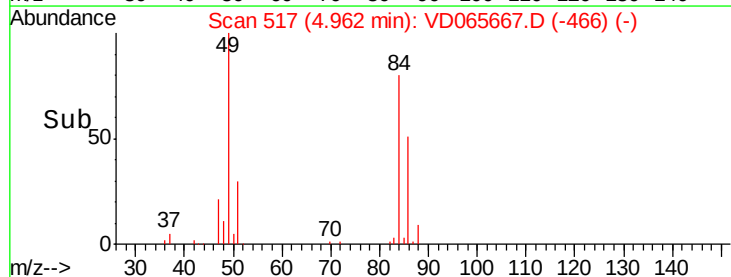
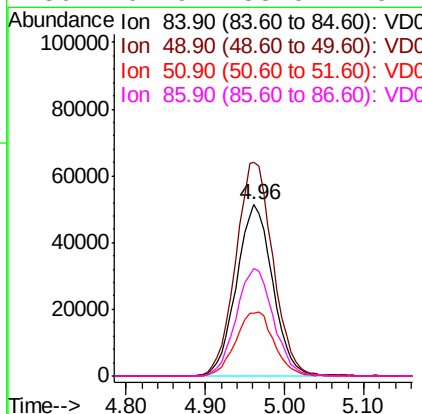
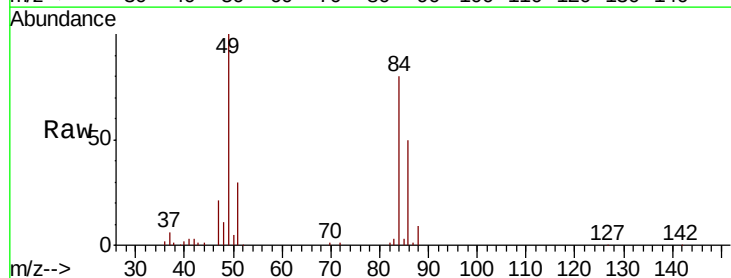
Instrument :
MSVOA_D
ClientSampled :

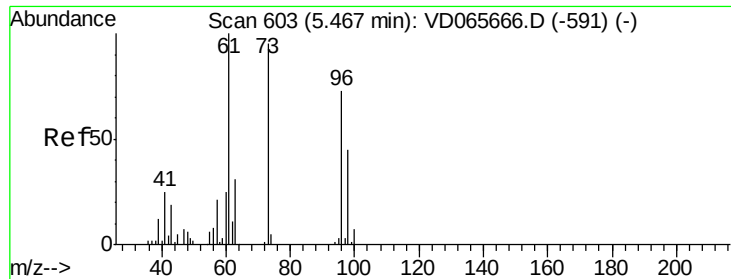
Tot Ion: 73 Resp: 353915
Ion Ratio Lower Upper
73 100
57 22.2 19.6 29.4



#20
Methylene Chloride
Concen: 71.211 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion: 84 Resp: 162818
Ion Ratio Lower Upper
84 100
49 124.7 97.7 146.5
51 36.9 29.4 44.2
86 62.9 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 77.502 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampled :

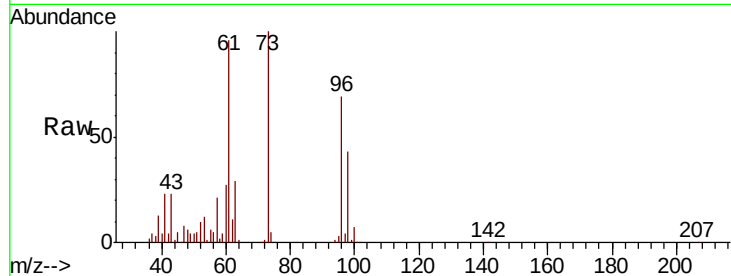
Tot Ion: 96 Resp: 179485

Ion Ratio Lower Upper

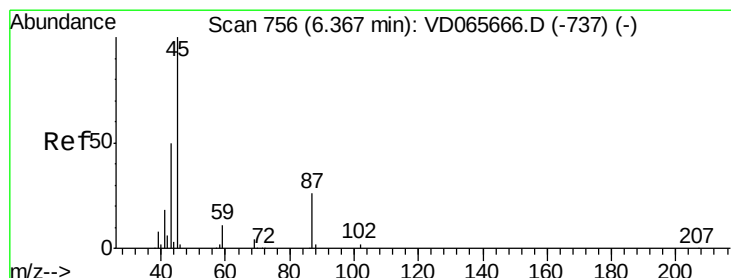
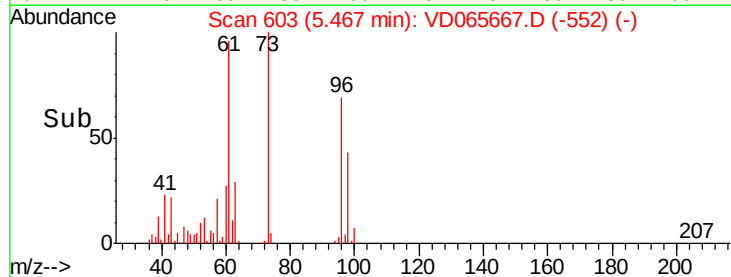
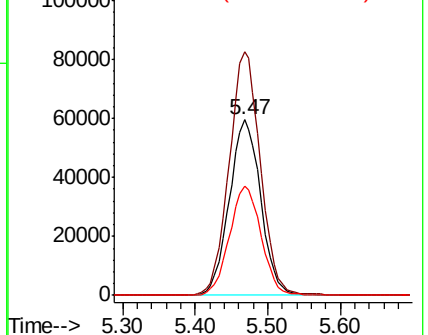
96 100

61 139.0 109.6 164.4

98 62.6 49.3 73.9



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: 83.147 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Tgt Ion: 45 Resp: 515773

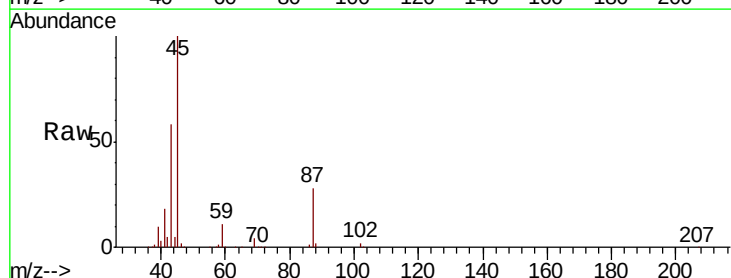
Ion Ratio Lower Upper

45 100

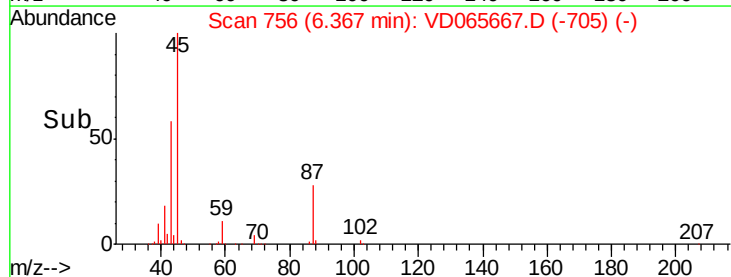
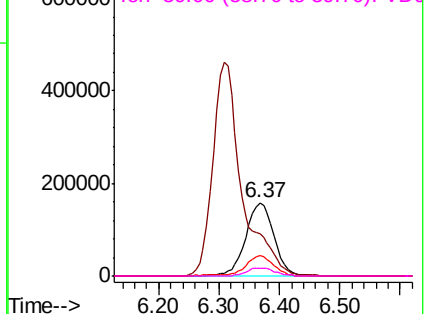
43 57.2 41.9 62.9

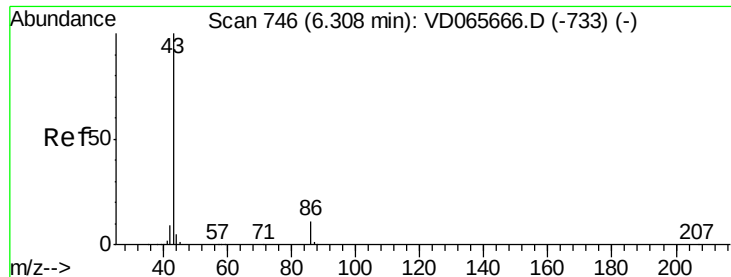
87 27.5 21.6 32.4

59 11.3 9.3 13.9



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: 466.210 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

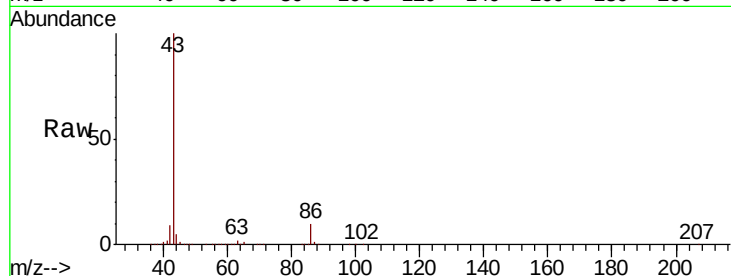
ClientSampleId :

Tot Ion: 43 Resp: 1541172

Ion Ratio Lower Upper

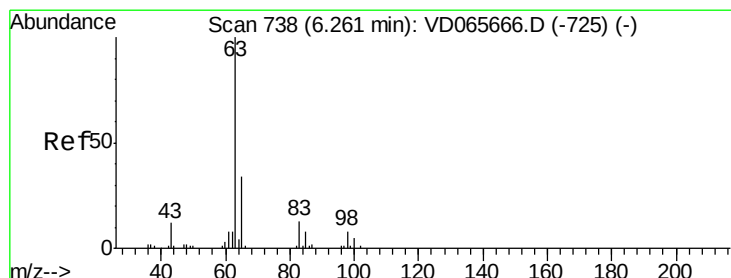
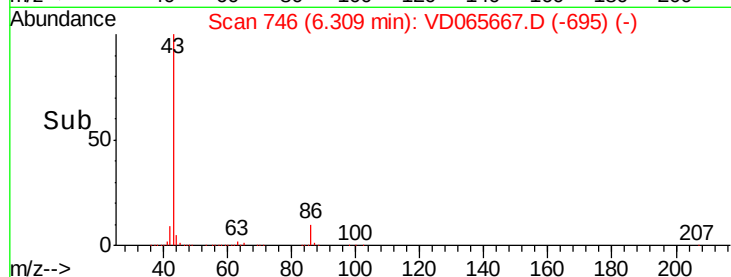
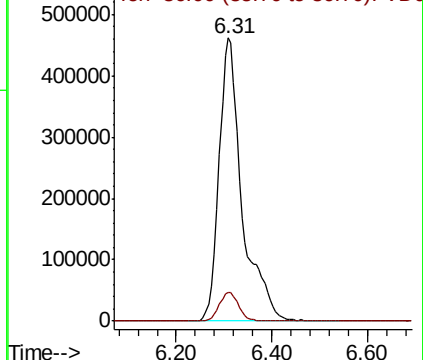
43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 76.212 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

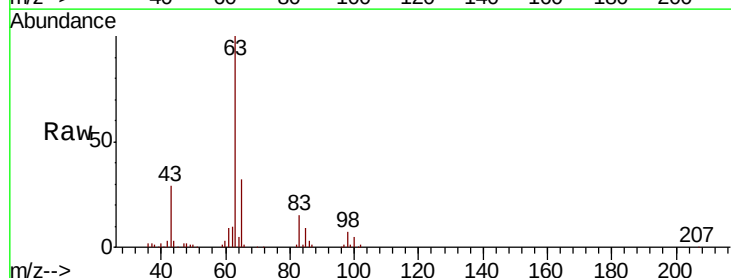
Tgt Ion: 63 Resp: 301338

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

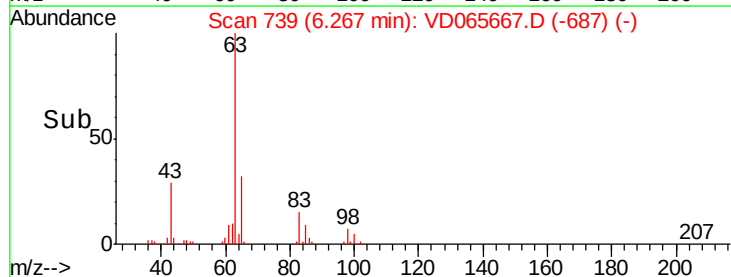
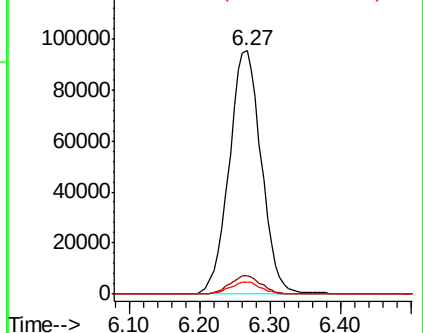
100 4.7 2.3 6.9

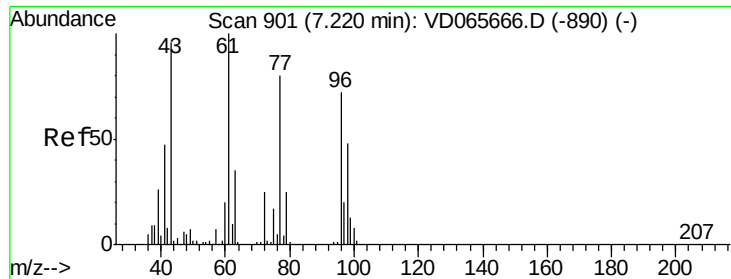


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 568.191 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

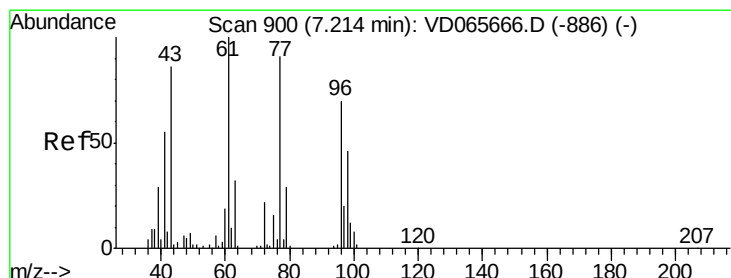
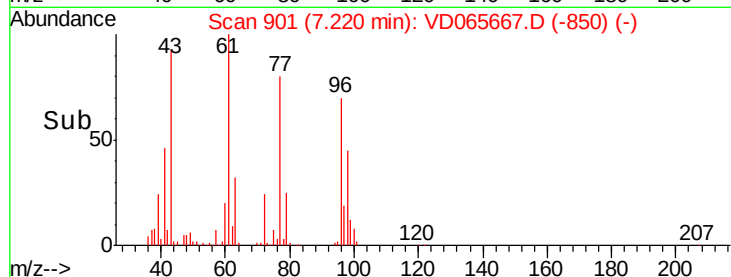
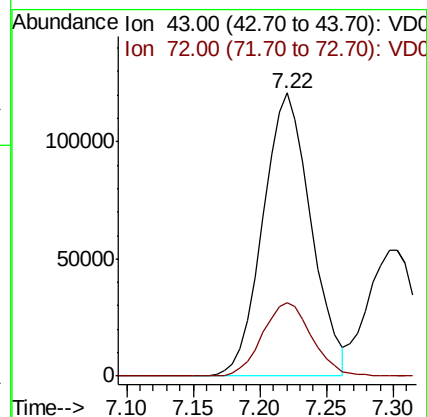
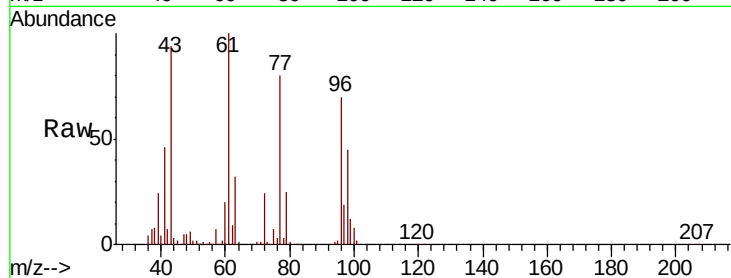
ClientSampled :

Tot Ion: 43 Resp: 300888

Ion Ratio Lower Upper

43 100

72 25.9 21.1 31.7



#26

2,2-Dichloropropane

Concen: 101.670 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065667.D

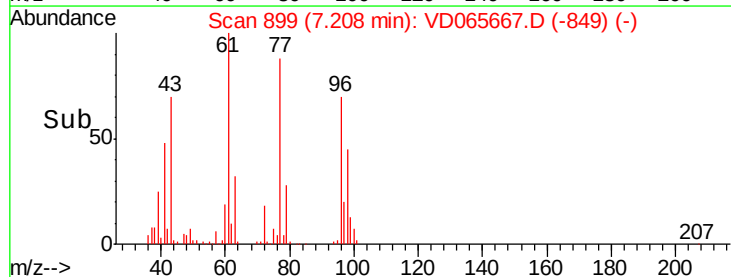
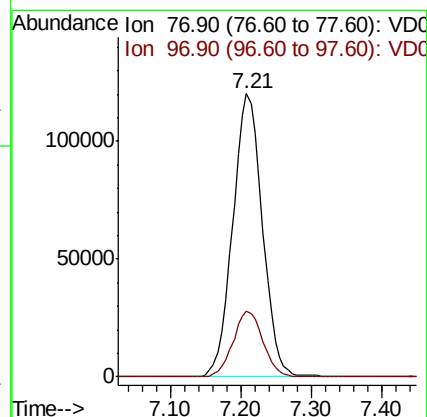
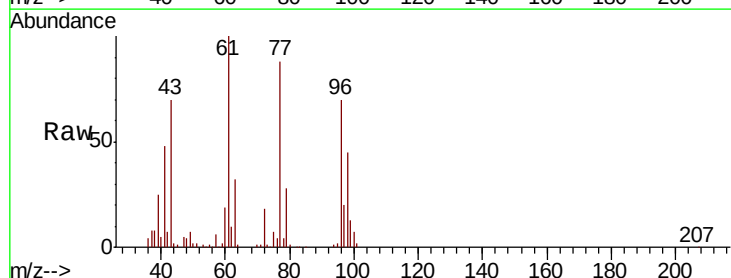
Acq: 22 Apr 2020 15:33

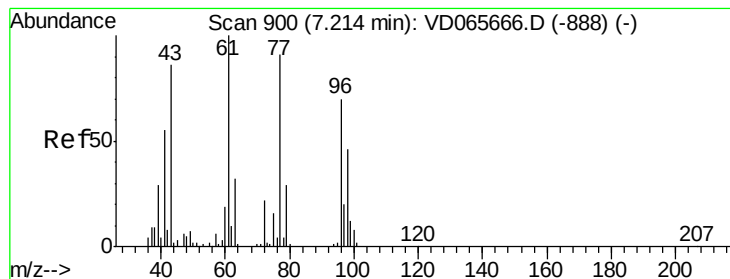
Tgt Ion: 77 Resp: 350058

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4



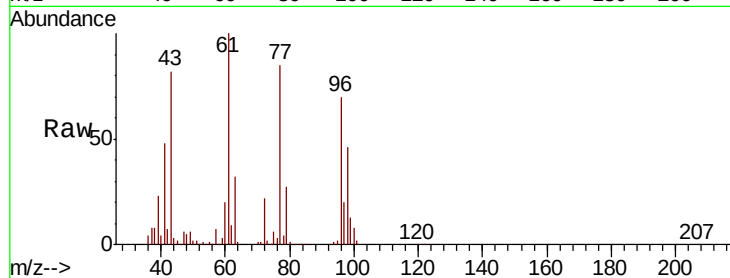


#27

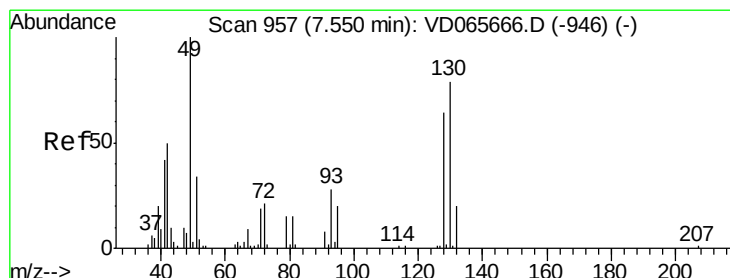
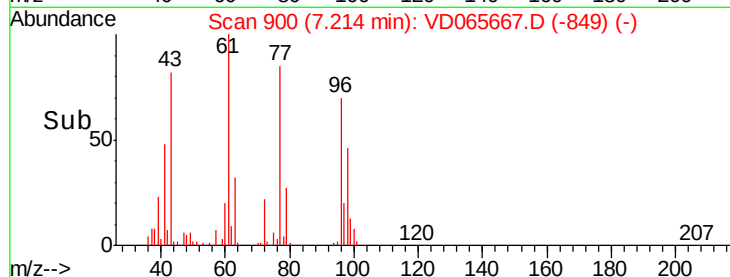
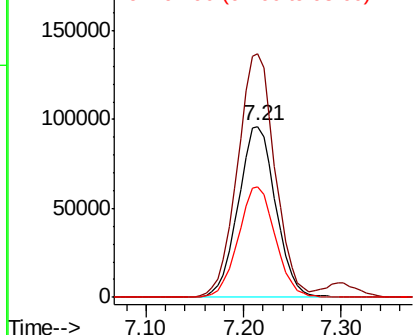
cis-1,2-Dichloroethene
 Concen: 107.197 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	96	Resp	258401
Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	290.4
98	64.1	0.0	131.0



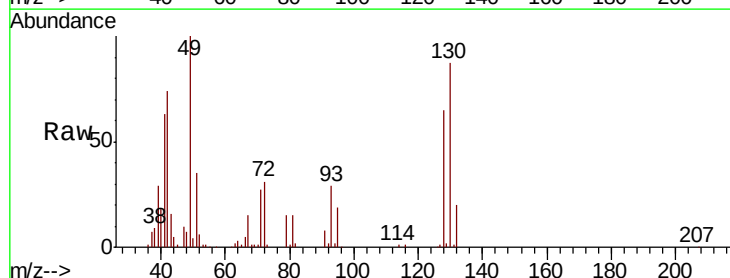
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



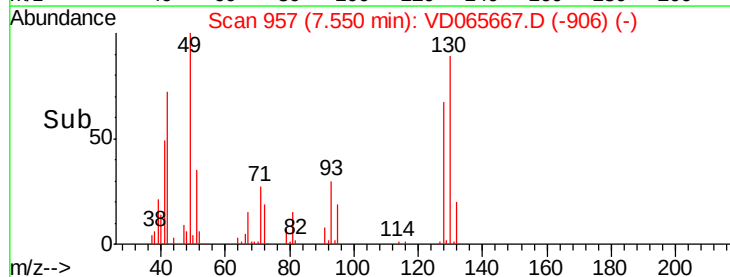
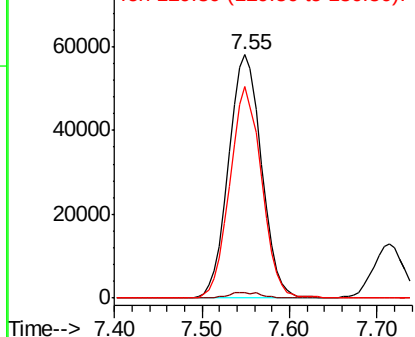
#28

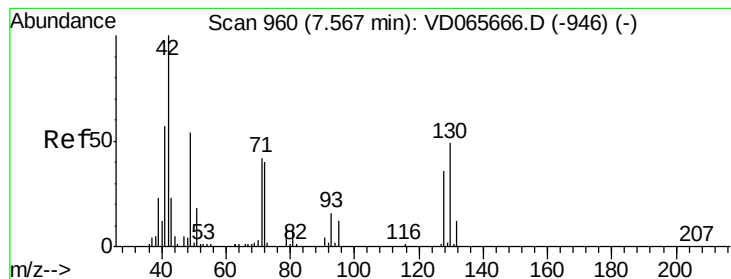
Bromochloromethane
 Concen: 92.162 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion	49	Resp	148768
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	83.6	66.3	99.5



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





#29

Tetrahydrofuran

Concen: 600.835 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

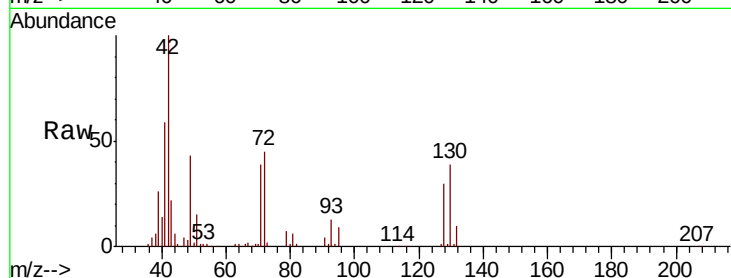
Tot Ion: 42 Resp: 201735

Ion Ratio Lower Upper

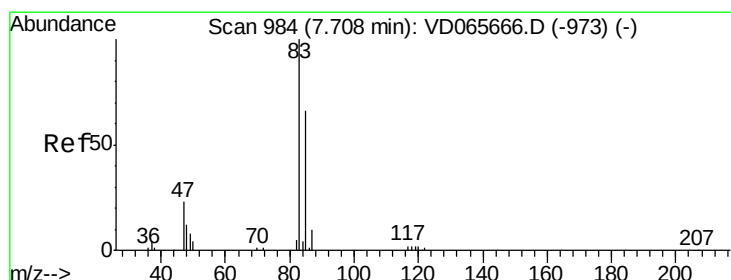
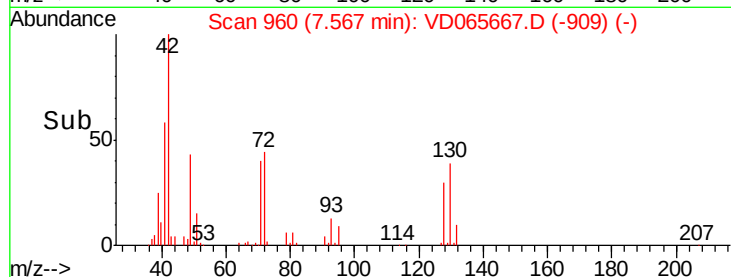
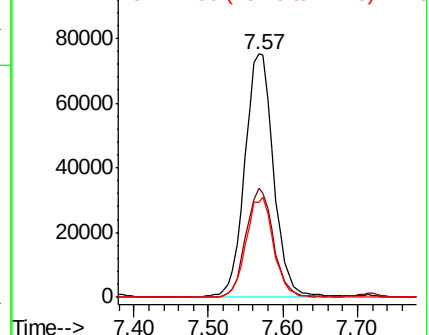
42 100

72 42.6 33.8 50.6

71 39.4 30.7 46.1



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



#30

Chloroform

Concen: 101.425 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD065667.D

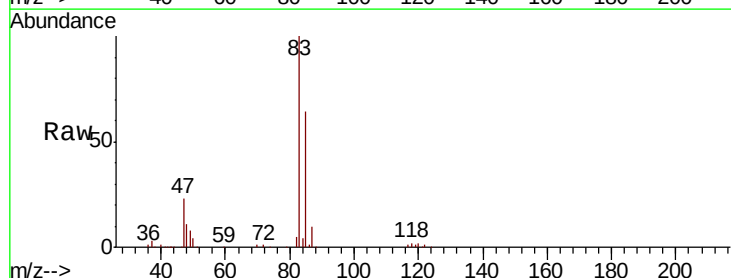
Acq: 22 Apr 2020 15:33

Tgt Ion: 83 Resp: 408516

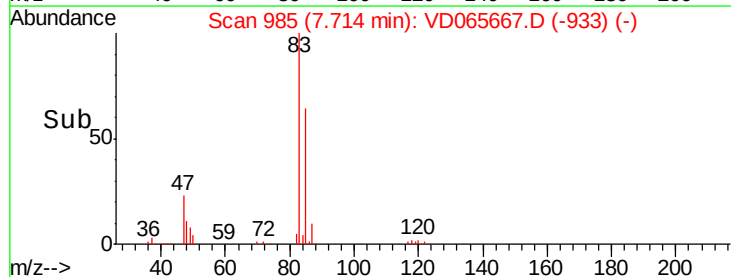
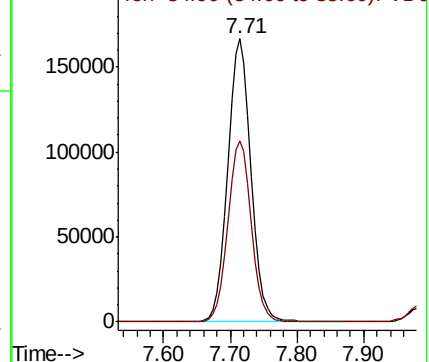
Ion Ratio Lower Upper

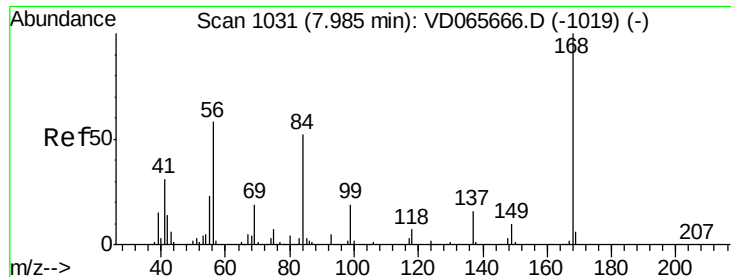
83 100

85 63.9 52.5 78.7



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

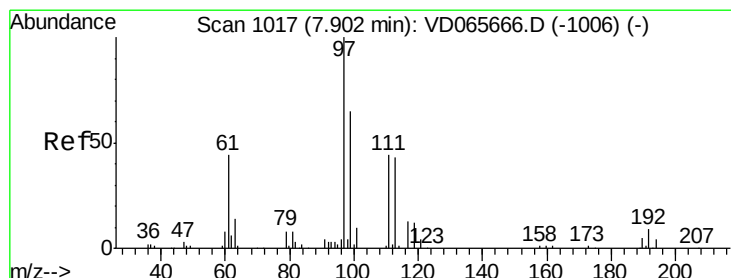
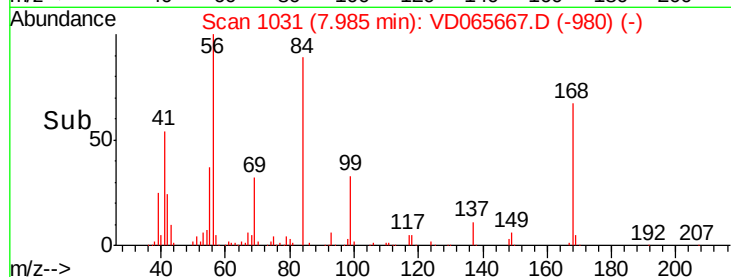
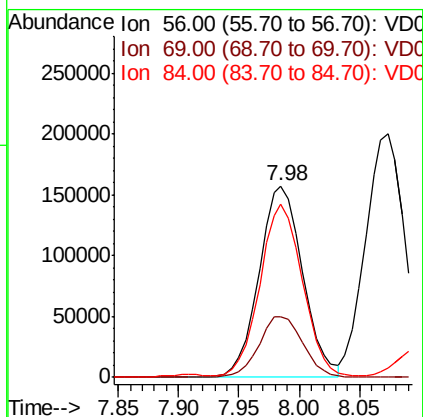
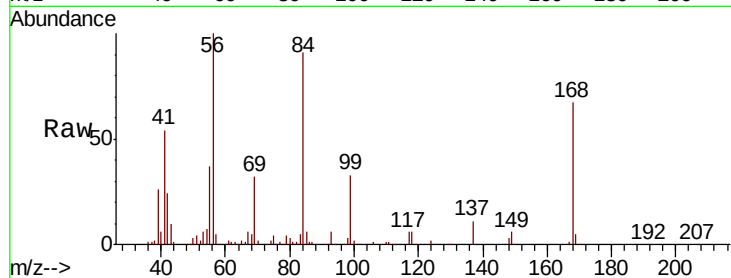




#31
Cyclohexane
Concen: 104.524 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

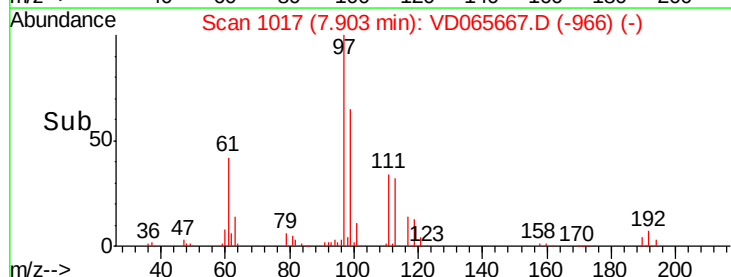
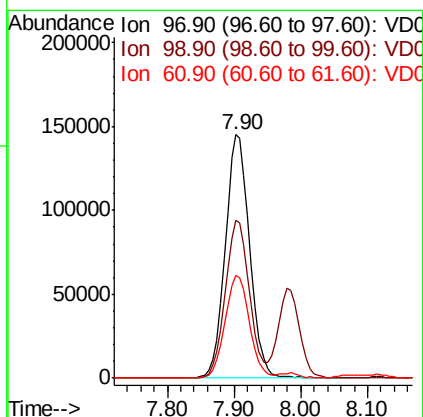
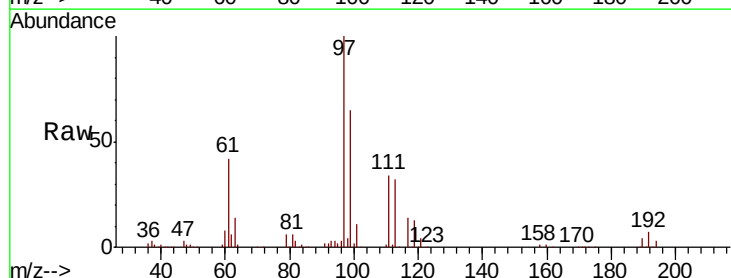
Instrument :
MSVOA_D
ClientSampled :

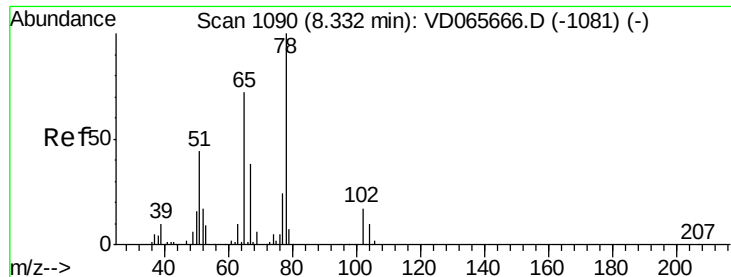
Tot Ion: 56 Resp: 393740
Ion Ratio Lower Upper
56 100
69 31.7 26.3 39.5
84 89.2 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 102.636 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion: 97 Resp: 373484
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 42.3 35.8 53.6

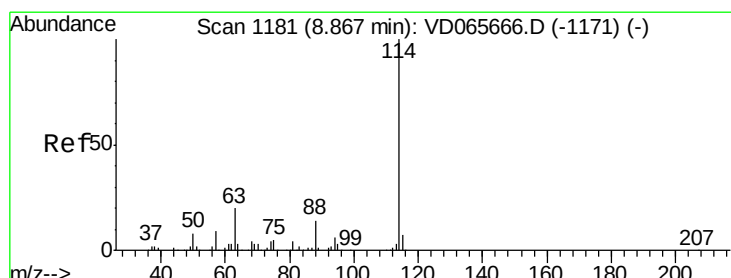
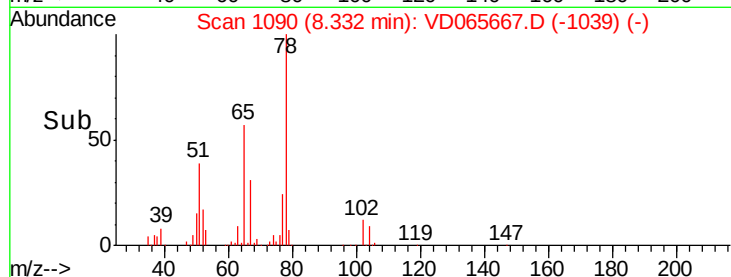
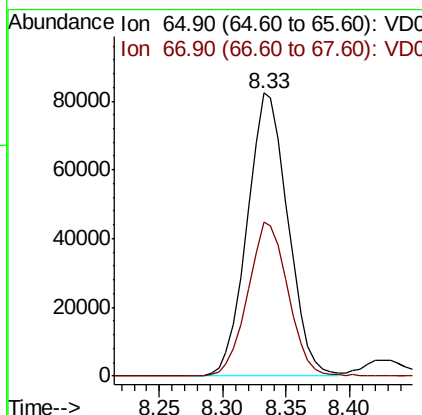
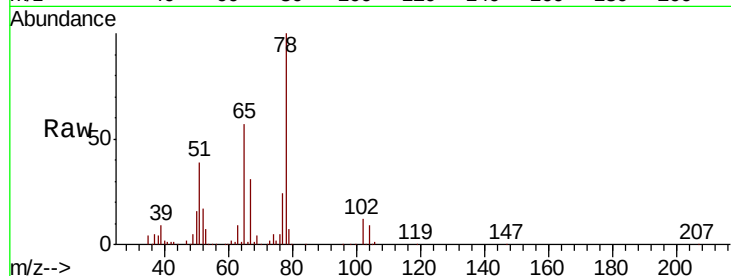




#33
 1,2-Dichloroethane-d4
 Concen: 90.207 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

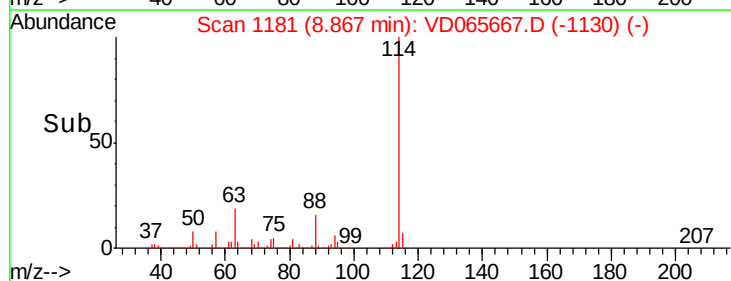
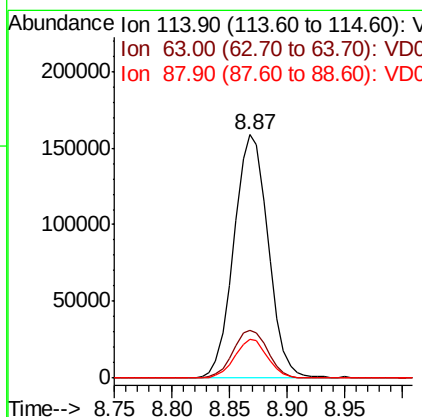
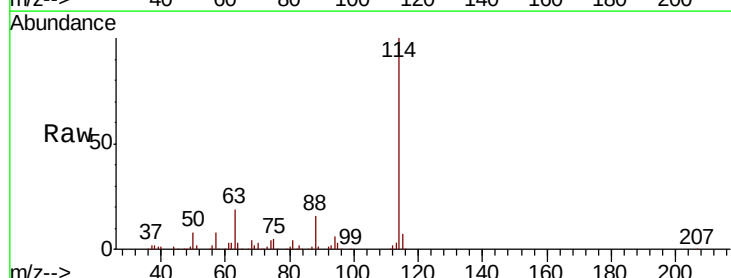
Instrument :
 MSVOA_D
 ClientSampleId :

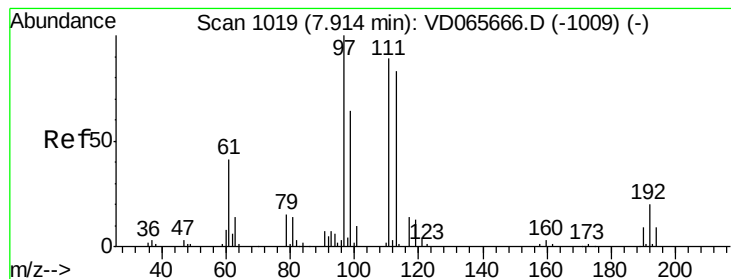
Tot Ion: 65 Resp: 184689
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion: 114 Resp: 327776
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.9 0.0 28.4





#35

Dibromofluoromethane

Concen: 94.275 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

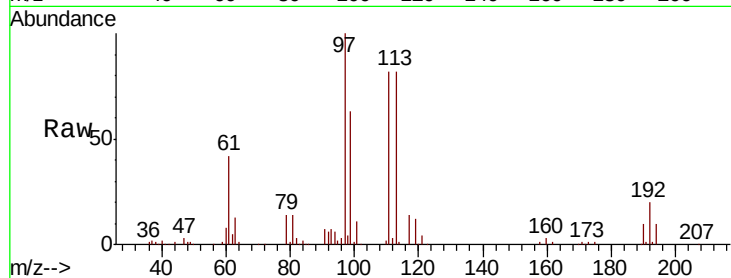
Tot Ion:113 Resp: 192545

Ion Ratio Lower Upper

113 100

111 101.7 83.2 124.8

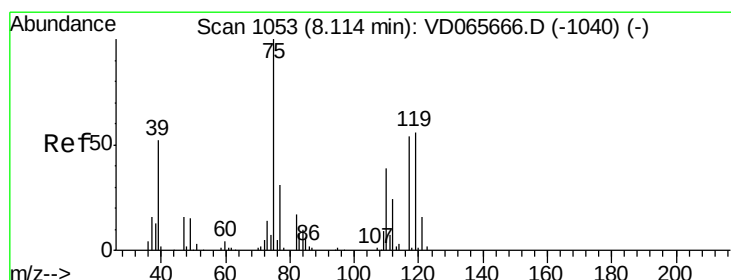
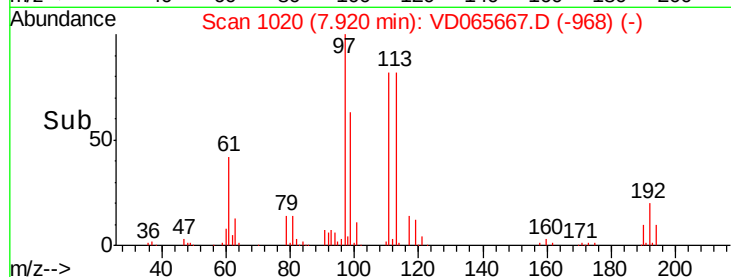
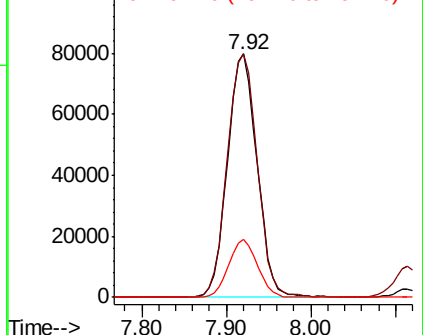
192 23.2 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 108.205 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

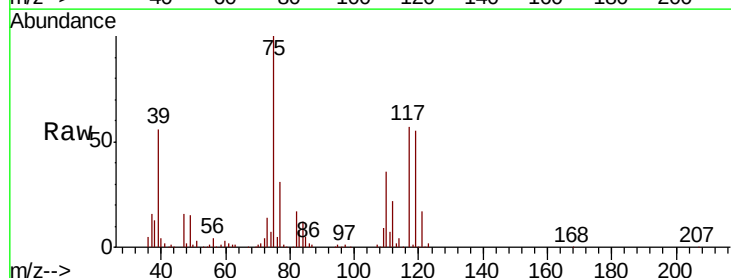
Tgt Ion: 75 Resp: 335578

Ion Ratio Lower Upper

75 100

110 36.4 18.4 55.0

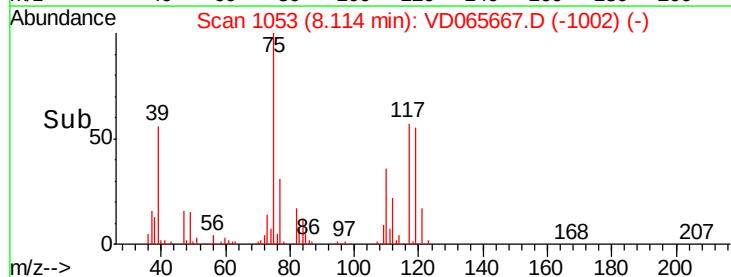
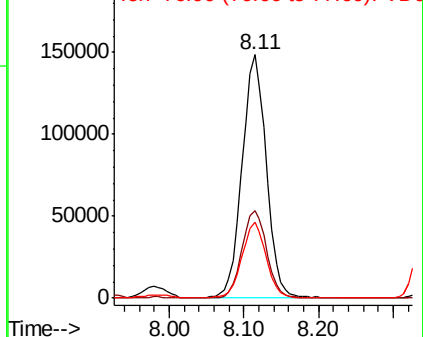
77 31.0 25.3 37.9

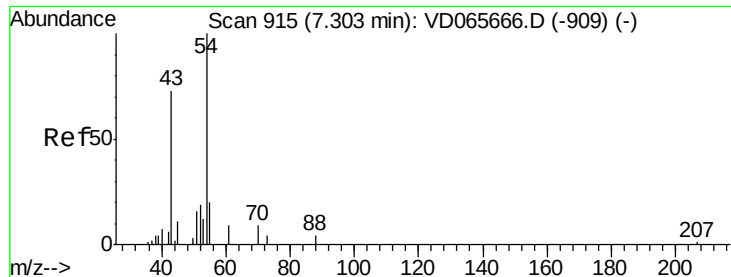


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

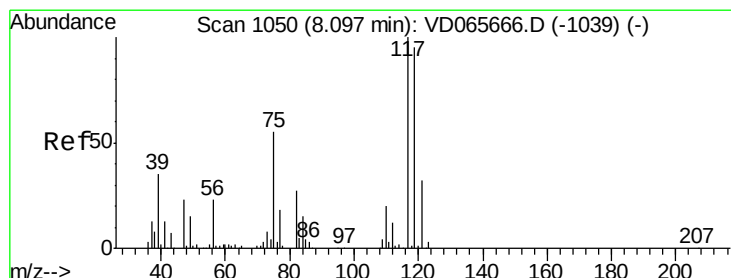
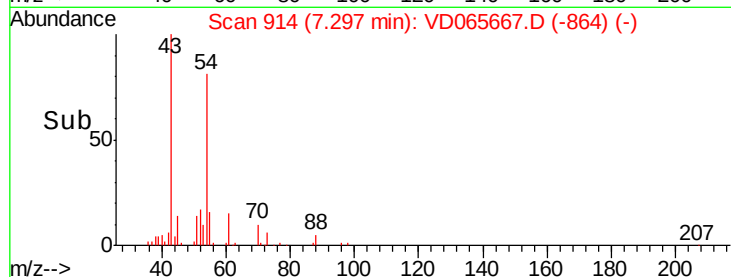
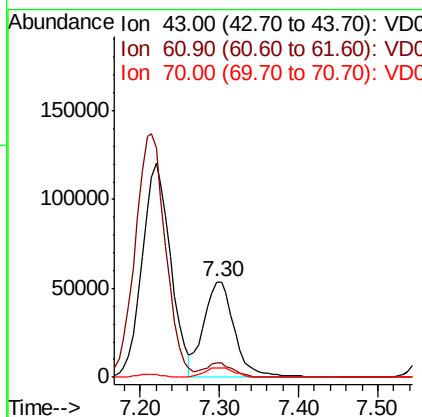
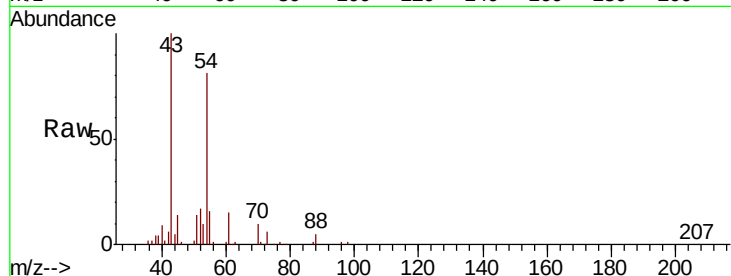




#37
Ethyl Acetate
Concen: 117.282 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

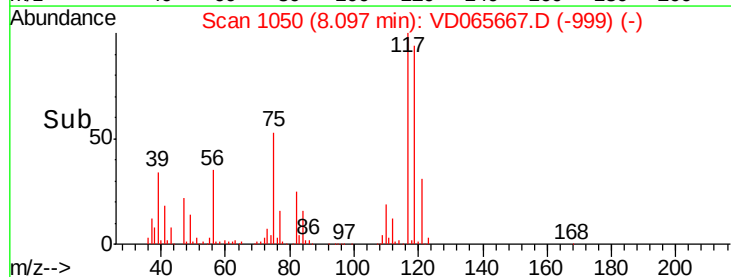
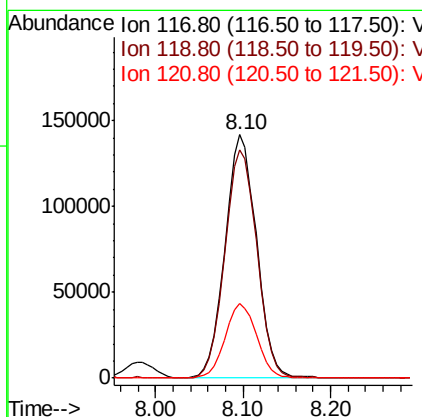
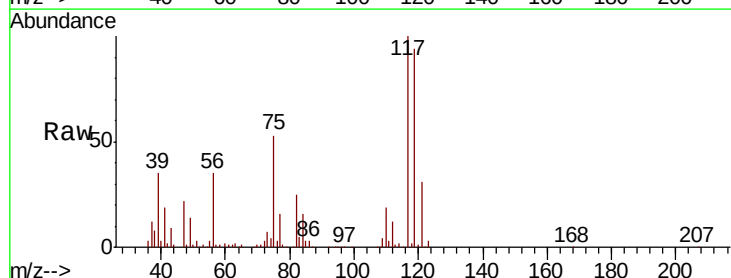
Instrument :
MSVOA_D
ClientSampleId :

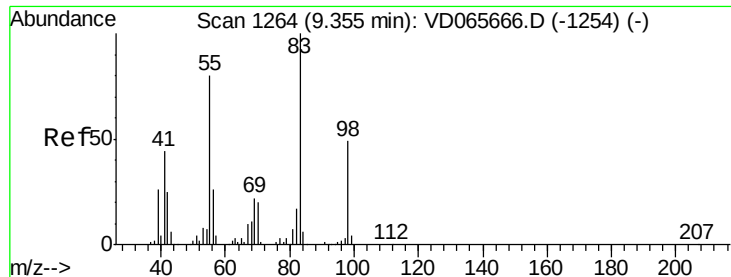
Tot Ion: 43 Resp: 143054
Ion Ratio Lower Upper
43 100
61 13.0 12.1 18.1
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 104.717 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion: 117 Resp: 346441
Ion Ratio Lower Upper
117 100
119 93.7 75.7 113.5
121 30.8 25.8 38.6

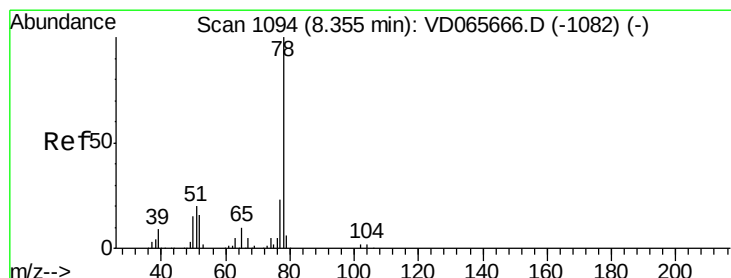
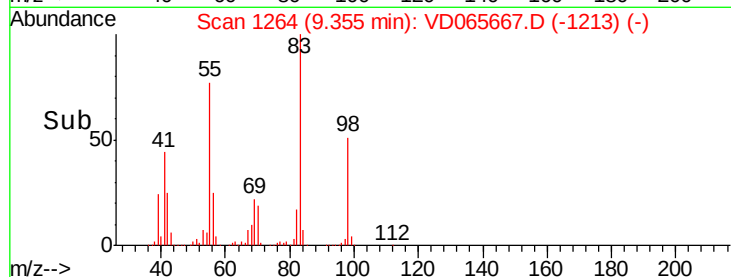
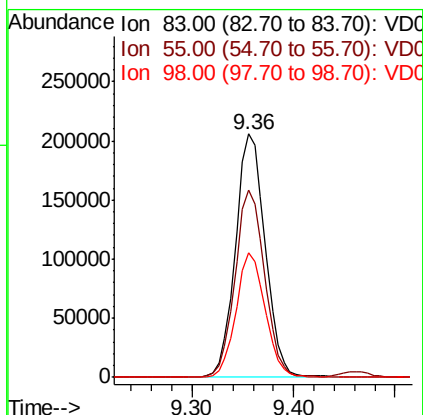
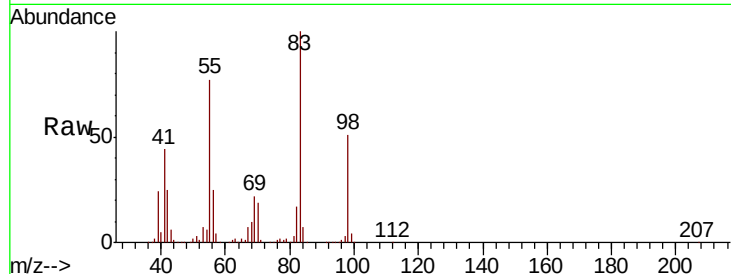




#39
Methylvlcyclohexane
Concen: 117.233 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

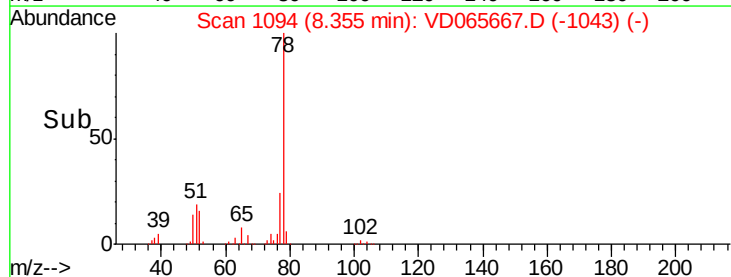
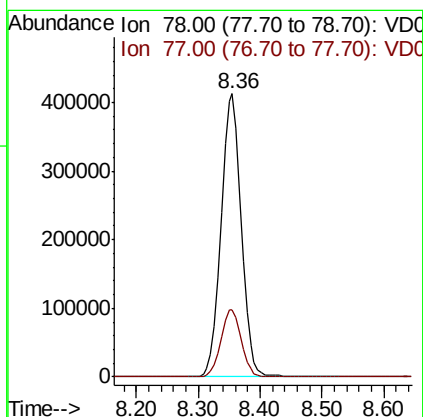
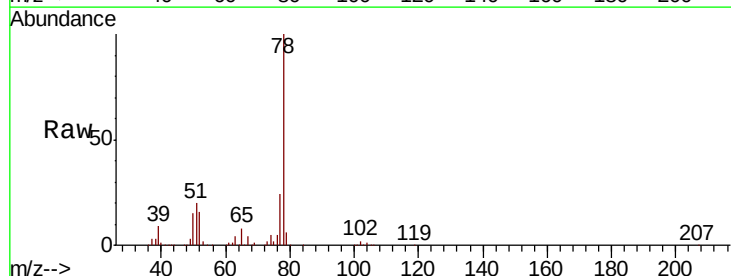
Instrument :
MSVOA_D
ClientSampleId :

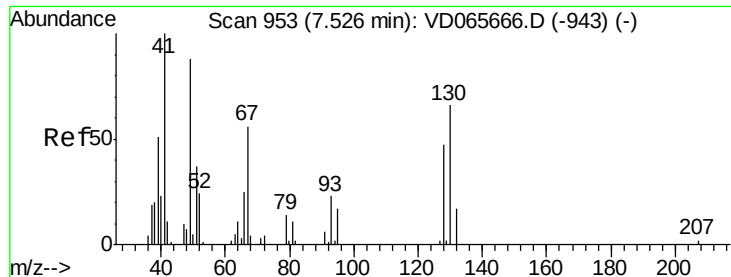
Tot Ion: 83 Resp: 419770
Ion Ratio Lower Upper
83 100
55 77.0 64.0 96.0
98 51.4 39.2 58.8



#40
Benzene
Concen: 105.738 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion: 78 Resp: 938688
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

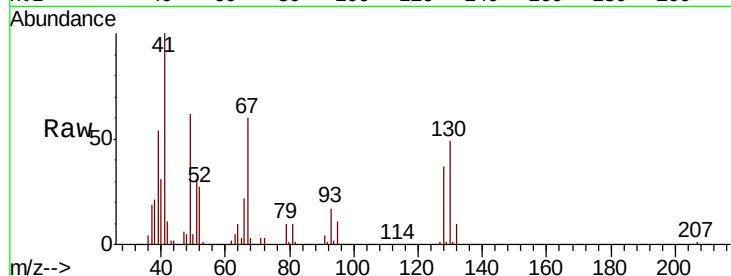




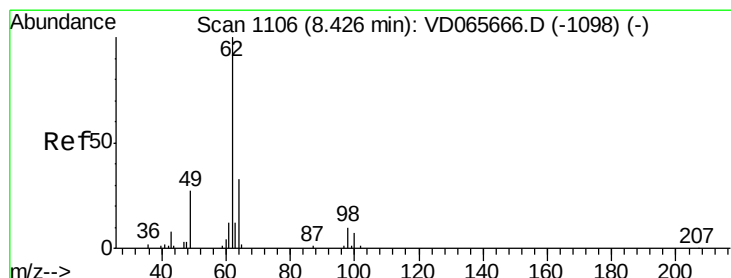
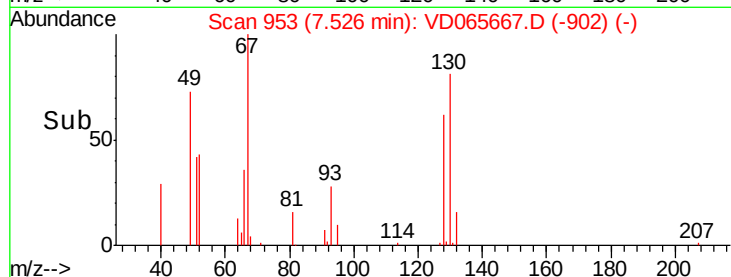
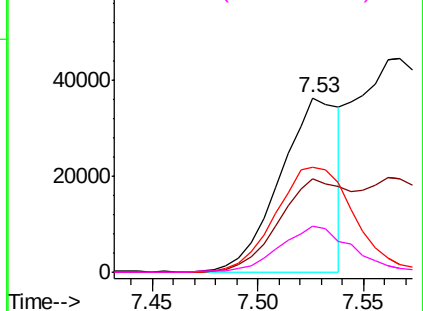
#41
Methacrylonitrile
Concen: 110.310 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	41	Resp:	70945
Ion	Ratio	Lower	Upper
41	100		
39	62.2	43.8	65.6
67	80.2	54.4	81.6
52	33.0	22.4	33.6

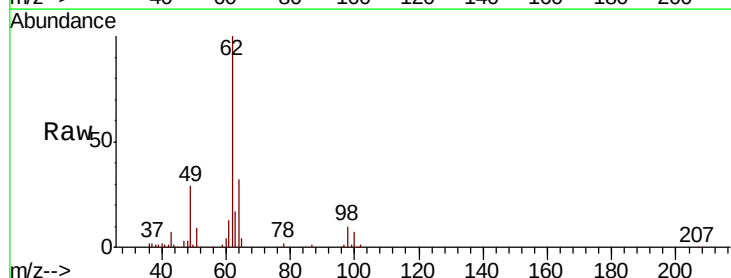


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

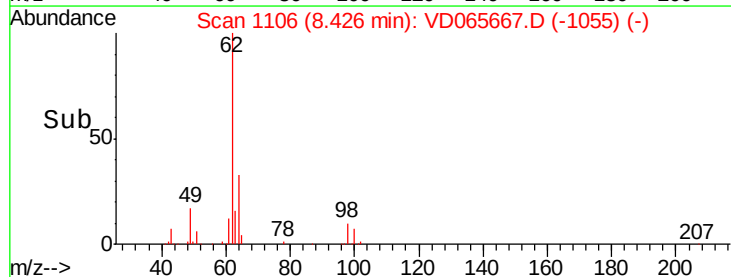
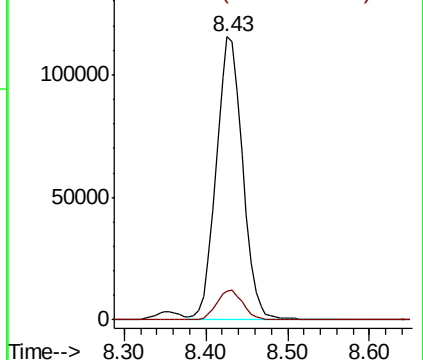


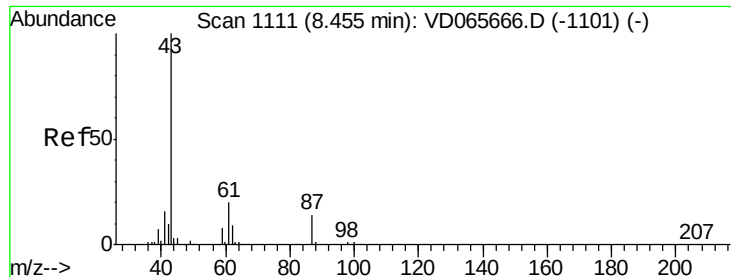
#42
1,2-Dichloroethane
Concen: 107.348 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion:	62	Resp:	260117
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 117.826 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

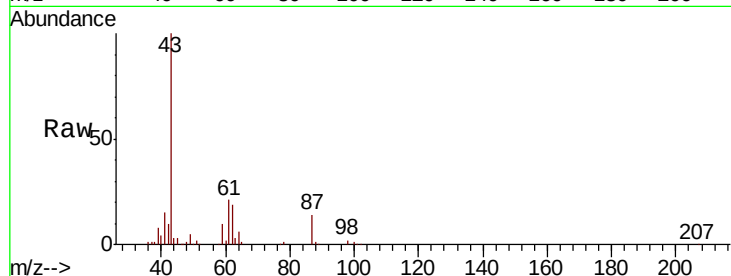
Tot Ion: 43 Resp: 259954

Ion Ratio Lower Upper

43 100

61 31.2 24.7 37.1

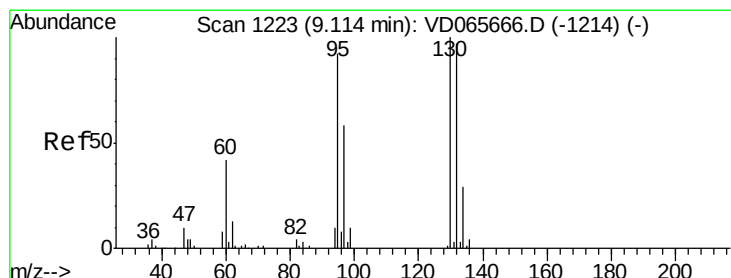
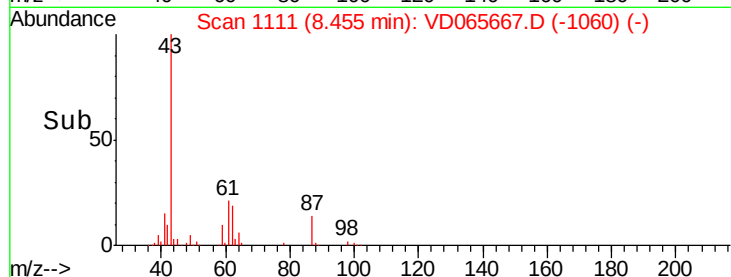
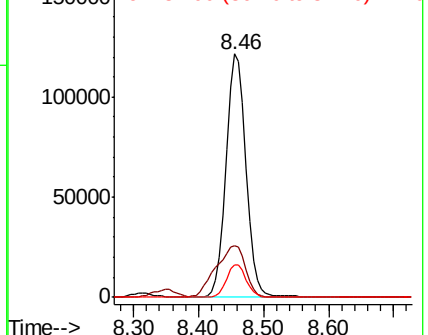
87 13.2 10.6 16.0



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: 106.738 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065667.D

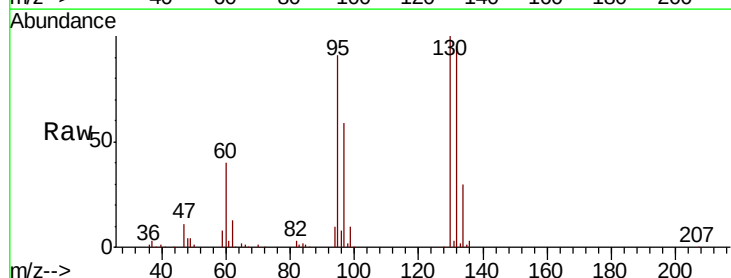
Acq: 22 Apr 2020 15:33

Tgt Ion:130 Resp: 265474

Ion Ratio Lower Upper

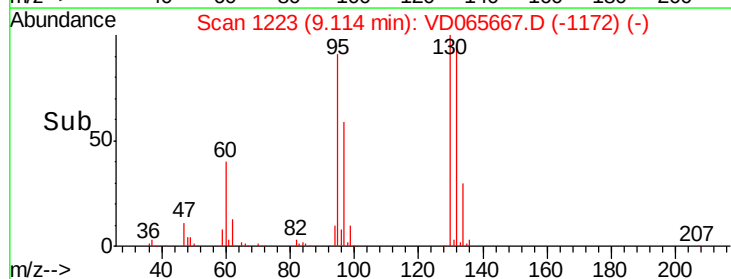
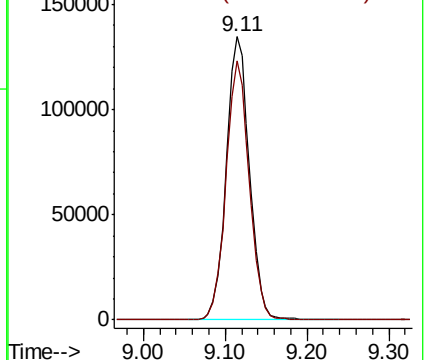
130 100

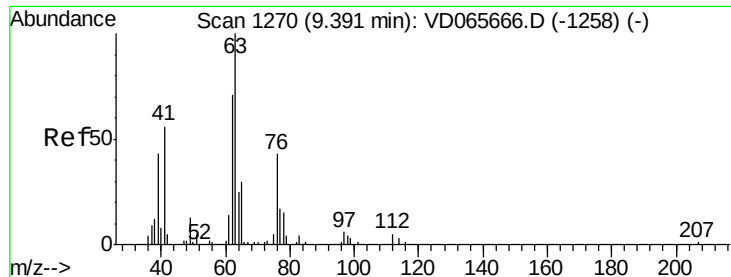
95 91.4 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

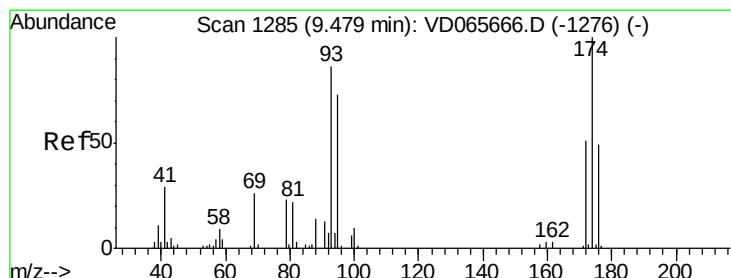
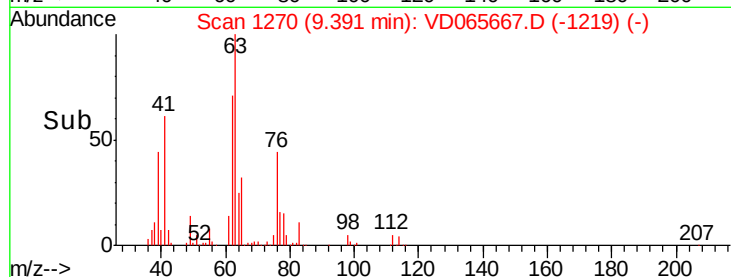
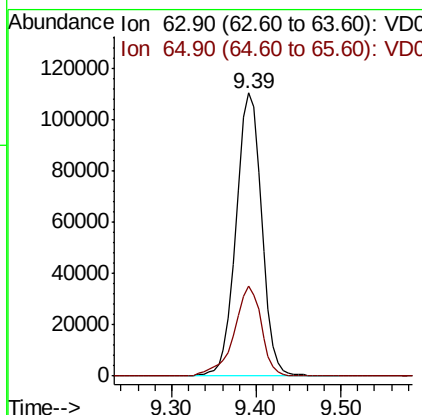
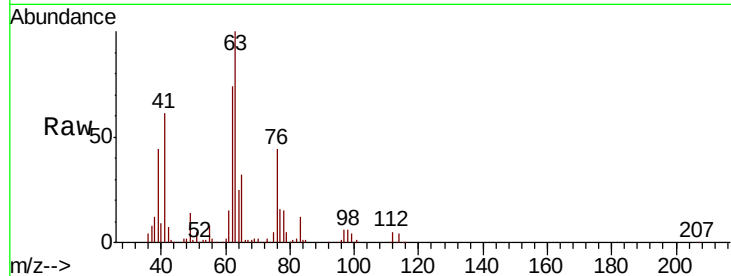




#45
 1,2-Dichloropropane
 Concen: 106.537 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

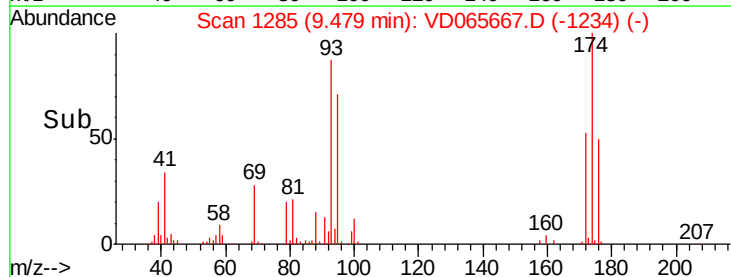
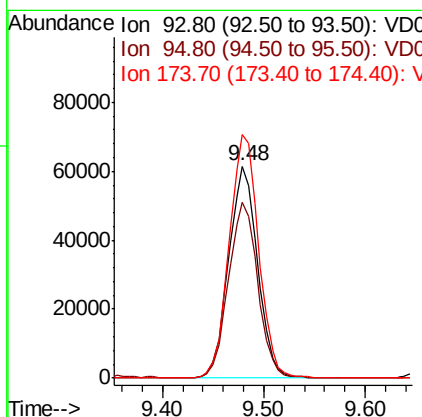
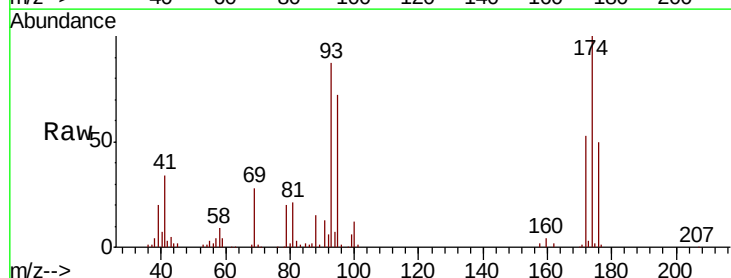
Instrument :
 MSVOA_D
 ClientSampleId :

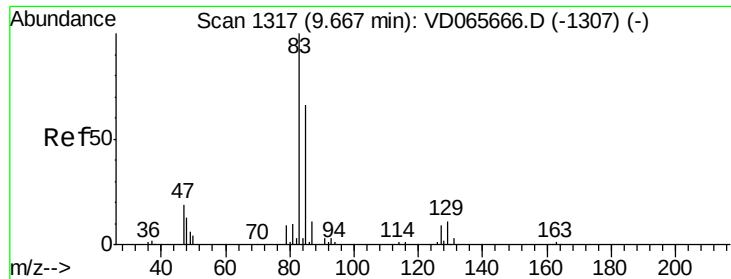
Tot Ion: 63 Resp: 231196
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.2 36.4



#46
 Dibromomethane
 Concen: 108.215 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion: 93 Resp: 121498
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.4 99.6
 174 117.2 93.0 139.6





#47

Bromodichloromethane

Concen: 105.811 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

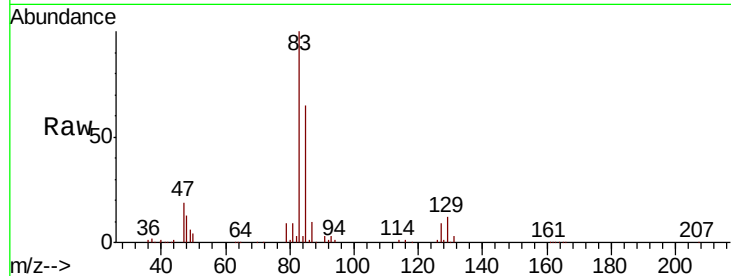
Tot Ion: 83 Resp: 315488

Ion Ratio Lower Upper

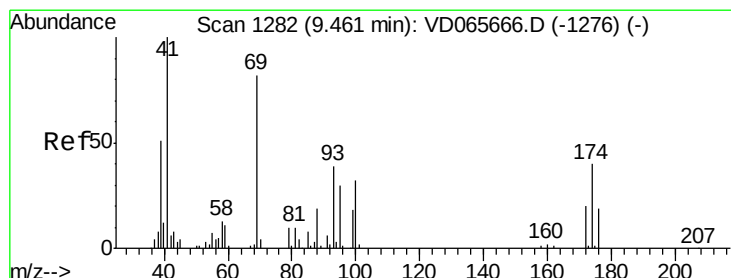
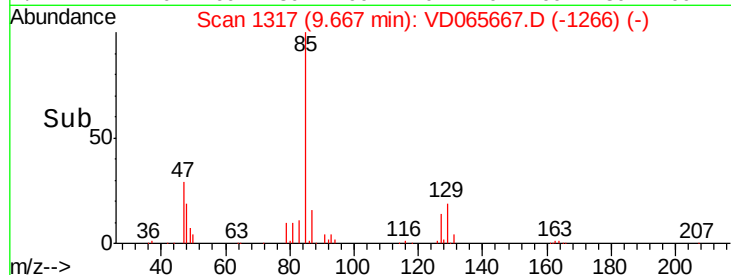
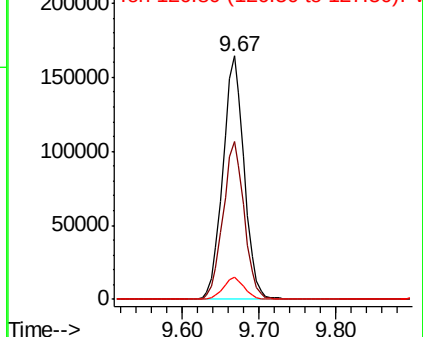
83 100

85 64.8 53.2 79.8

127 9.1 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: 119.077 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

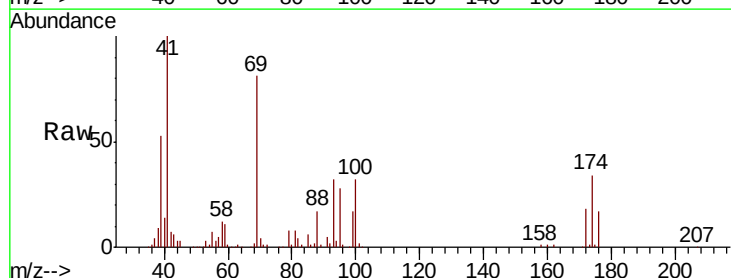
Tgt Ion: 41 Resp: 125558

Ion Ratio Lower Upper

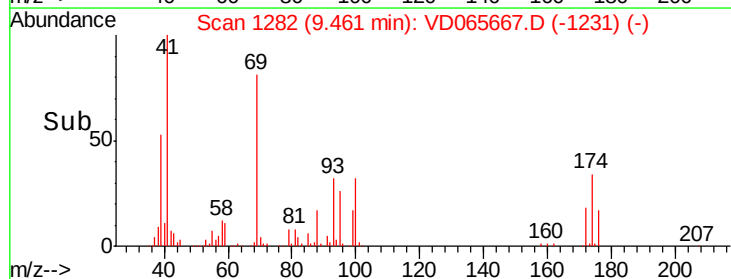
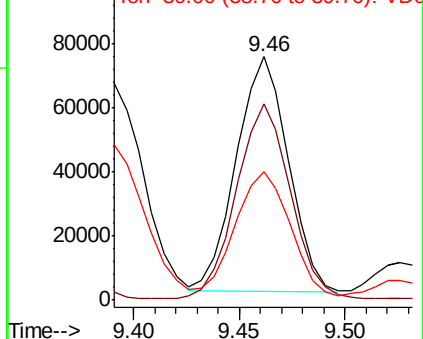
41 100

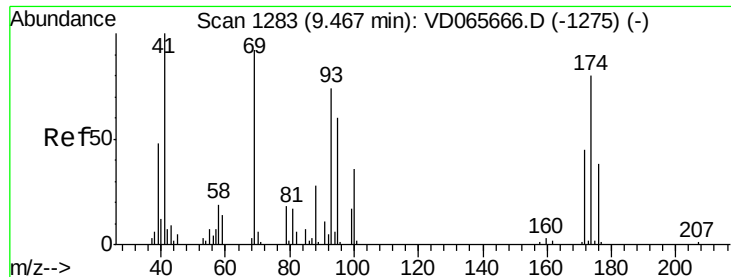
69 88.4 69.5 104.3

39 54.5 41.6 62.4



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: 2469.600 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

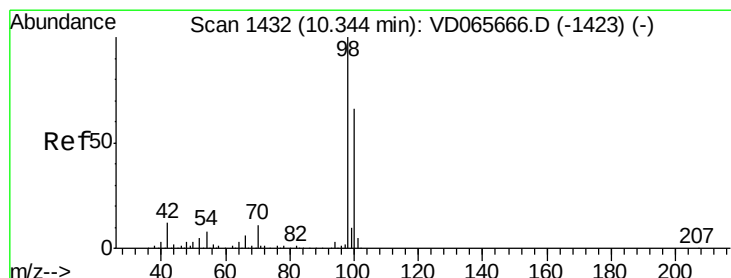
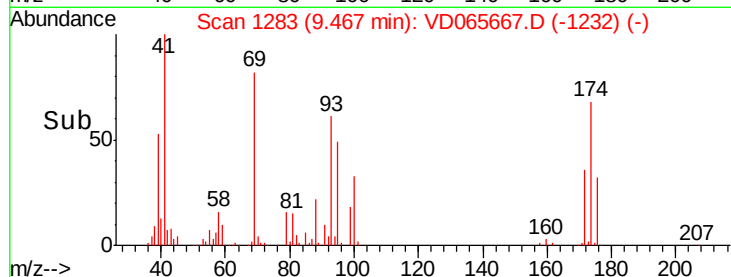
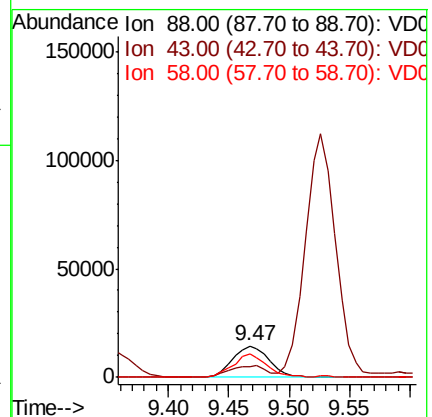
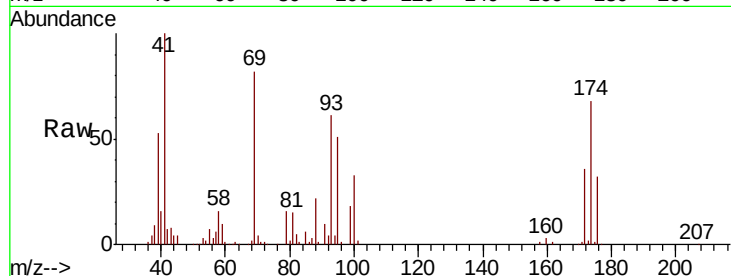
Tot Ion: 88 Resp: 30588

Ion Ratio Lower Upper

88 100

43 38.5 31.3 46.9

58 69.0 58.0 87.0



#50

Toluene-d8

Concen: 95.908 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065667.D

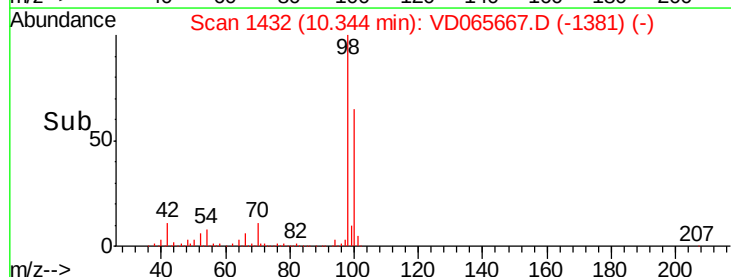
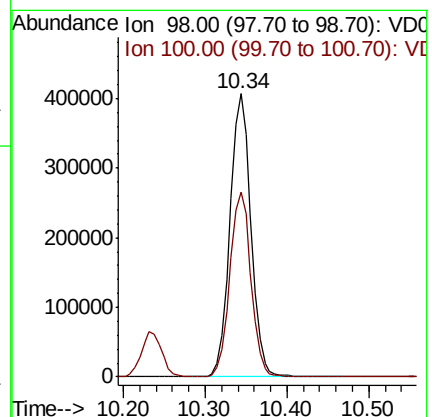
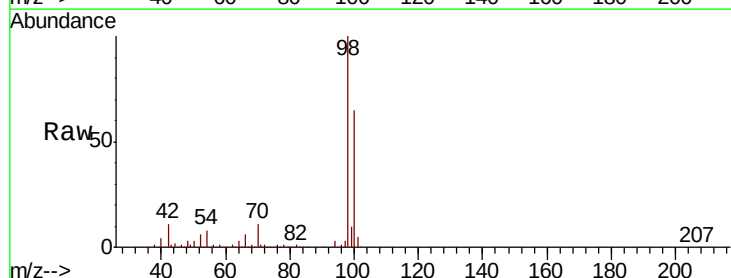
Acq: 22 Apr 2020 15:33

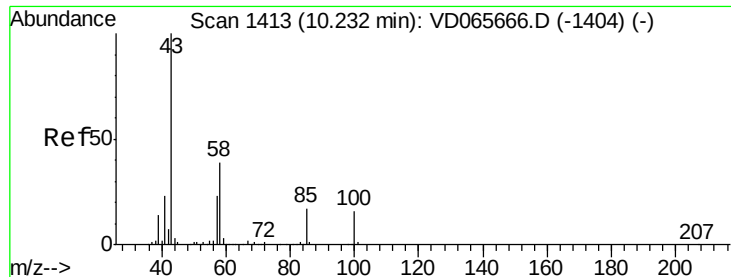
Tgt Ion: 98 Resp: 724846

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2

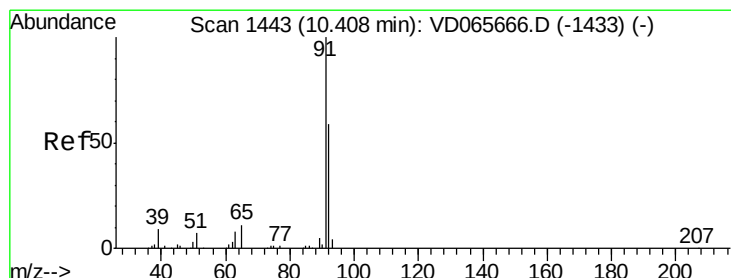
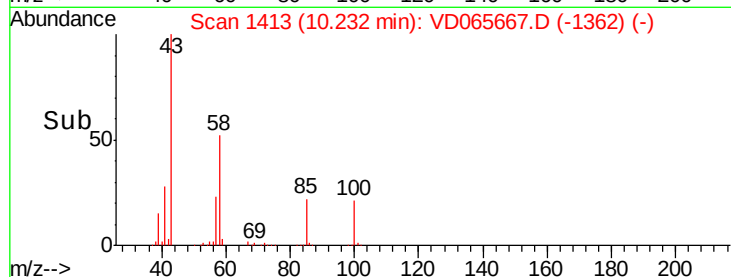
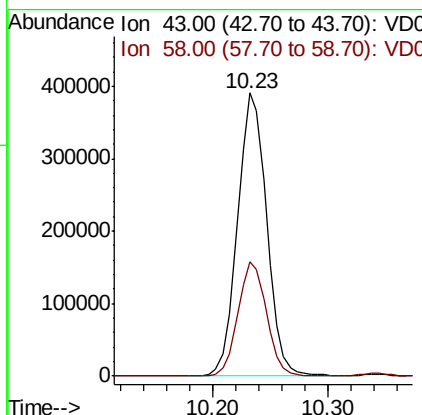
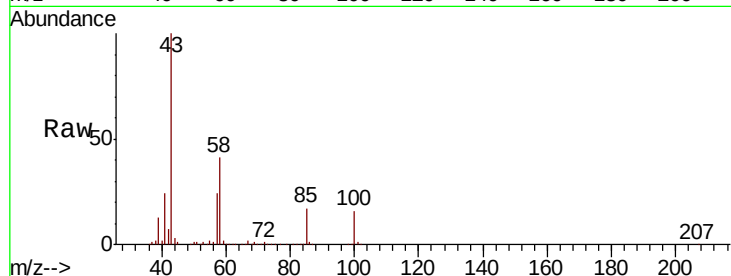




#51
 4-Methyl-2-Pentanone
 Concen: 610.608 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

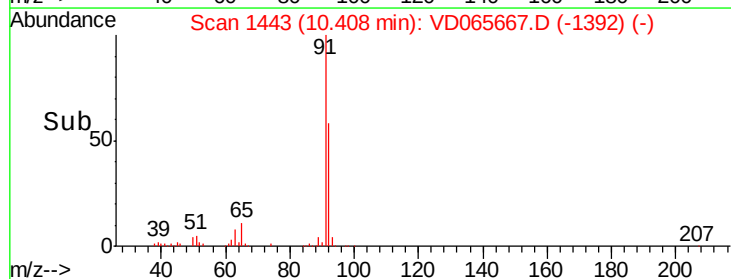
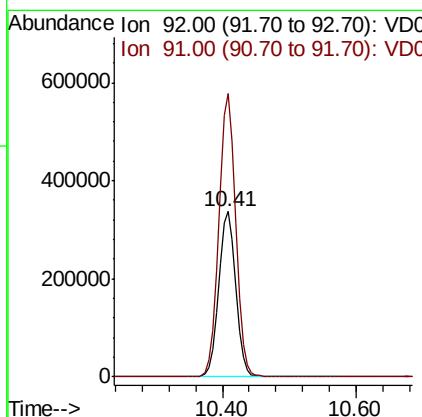
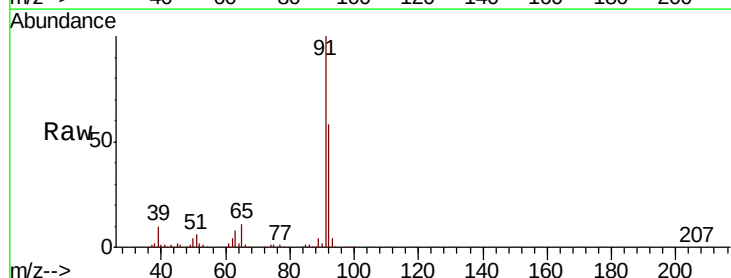
Instrument :
 MSVOA_D
 ClientSampleID :

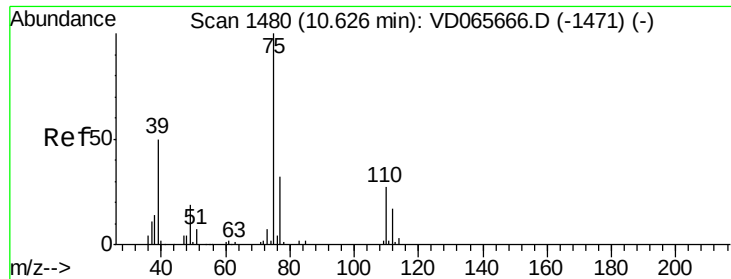
Tot Ion: 43 Resp: 682388
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.1 46.7



#52
 Toluene
 Concen: 111.191 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion: 92 Resp: 609218
 Ion Ratio Lower Upper
 92 100
 91 170.2 135.9 203.9

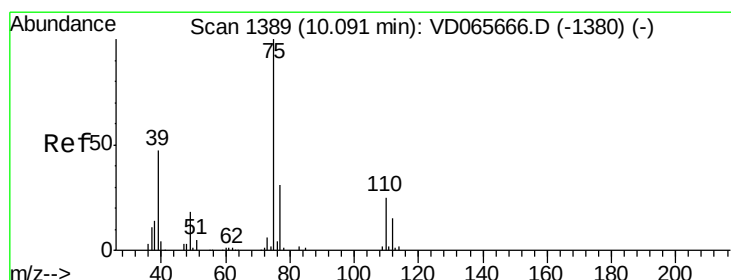
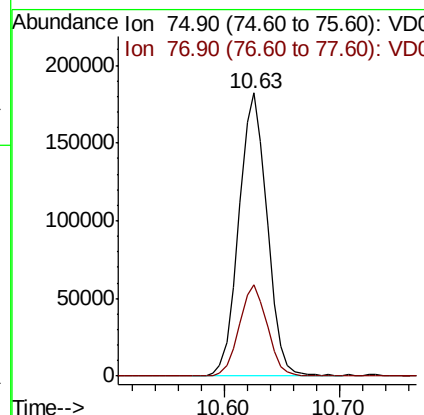
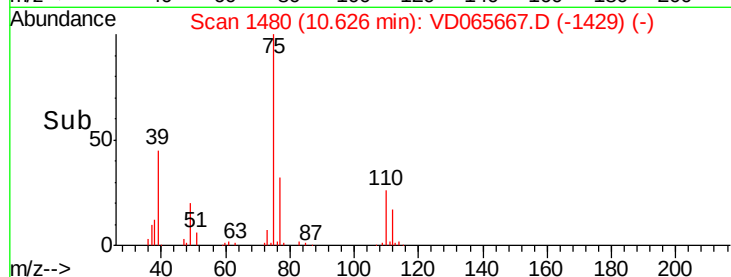
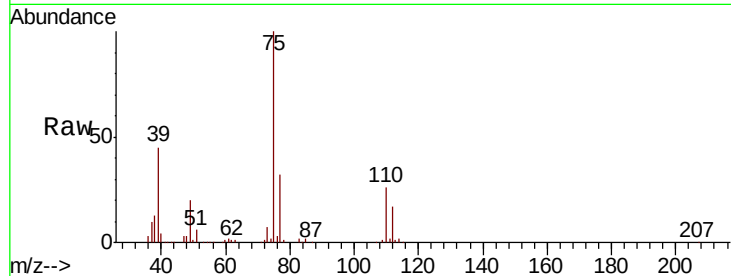




#53
t-1,3-Dichloropropene
Concen: 114.164 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

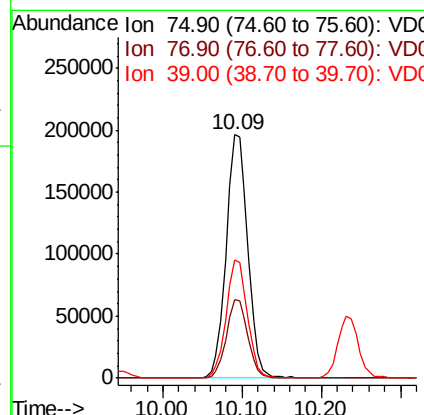
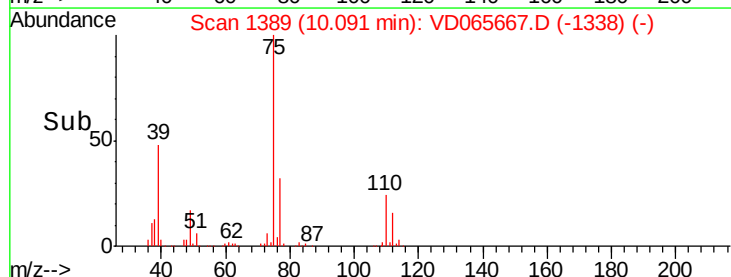
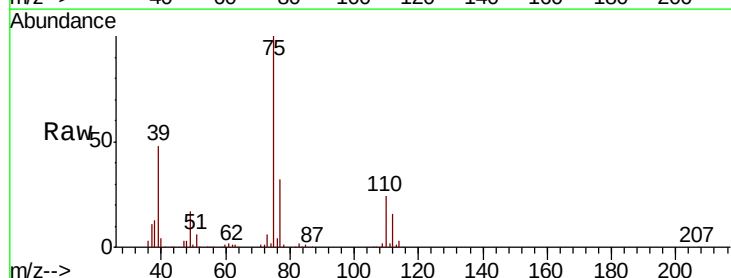
Instrument :
MSVOA_D
ClientSampleId :

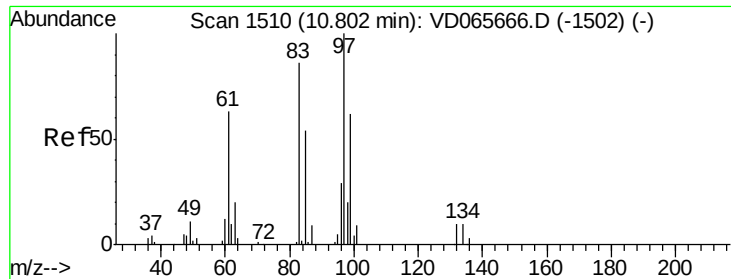
Tot Ion: 75 Resp: 308934
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 111.510 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion: 75 Resp: 369057
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 48.4 37.9 56.9

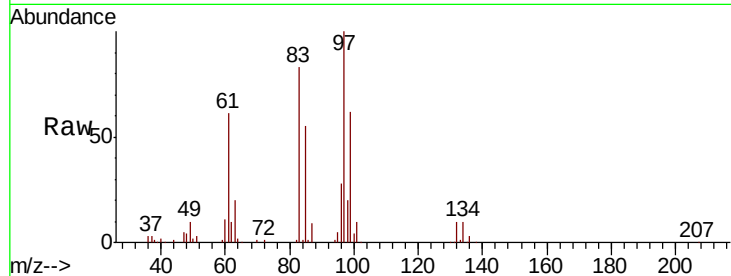




#55
 1,1,2-Trichloroethane
 Concen: 108.293 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion	97	Resp	170143
Ion Ratio	Lower	Upper	
97	100		
83	83.1	68.5	102.7
85	54.9	43.0	64.6
99	62.0	49.8	74.8



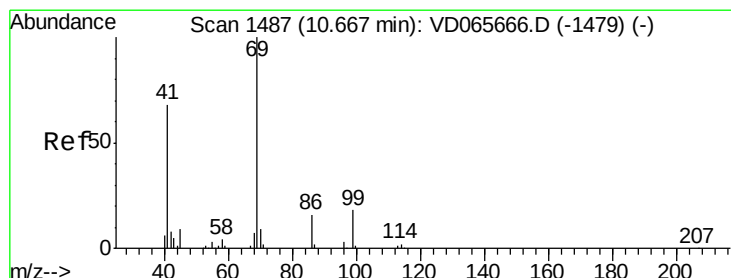
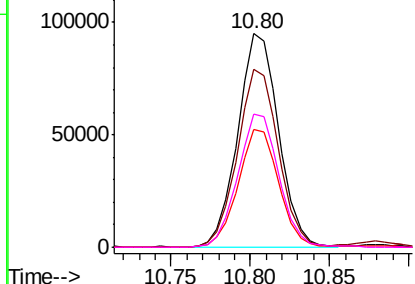
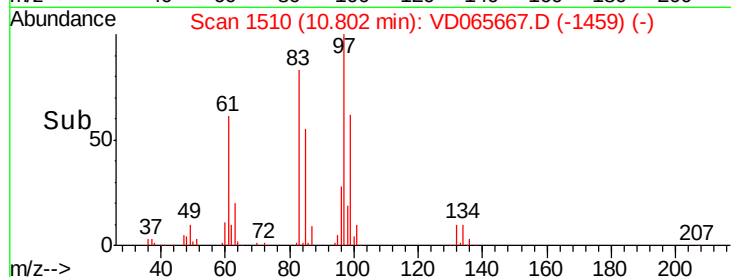
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

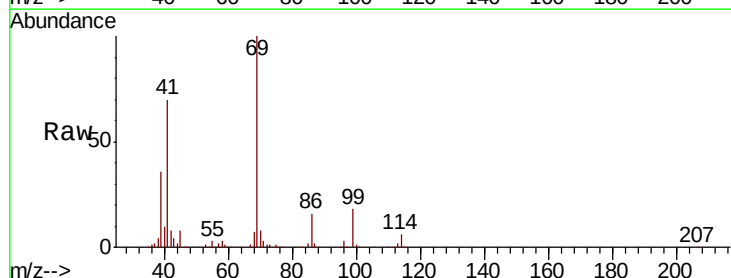
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 129.251 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion	69	Resp	217914
Ion Ratio	Lower	Upper	
69	100		
41	69.2	58.3	87.5
39	32.5	29.5	44.3

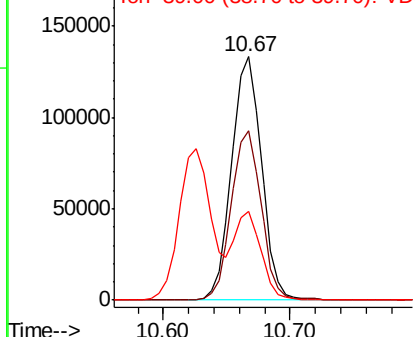
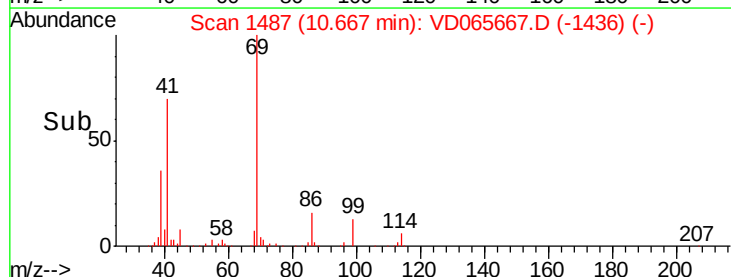


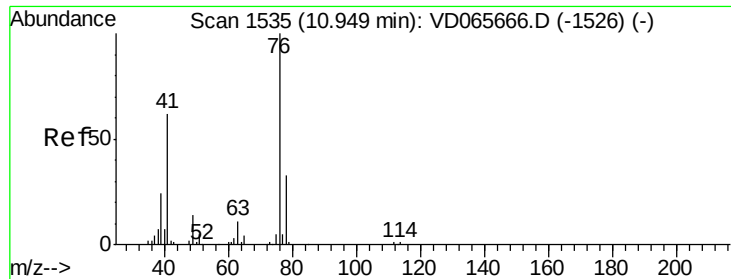
Abundance

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

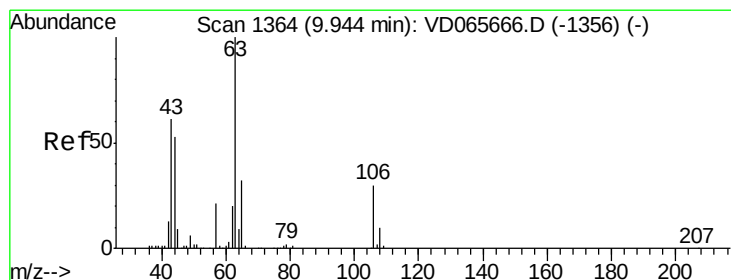
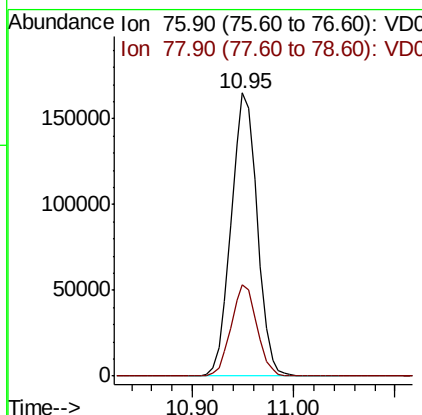
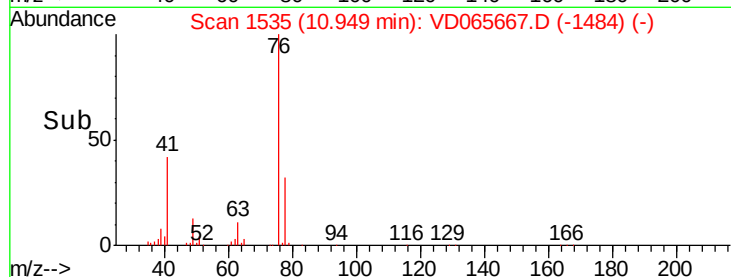
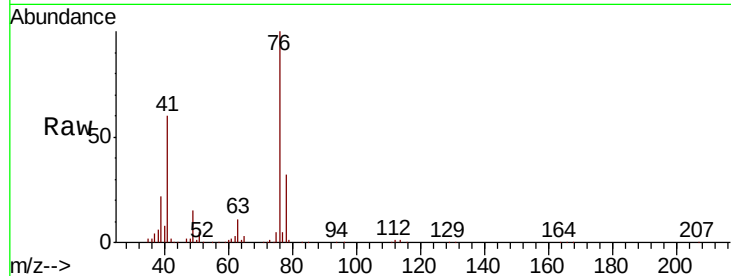




#57
 1,3-Dichloropropane
 Concen: 110.278 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

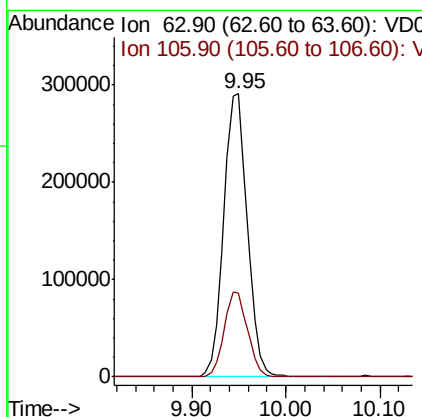
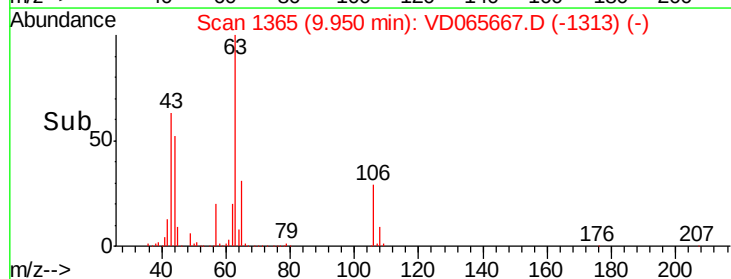
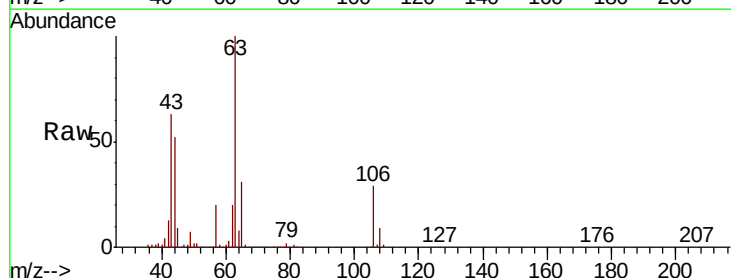
Instrument :
 MSVOA_D
 ClientSampleId :

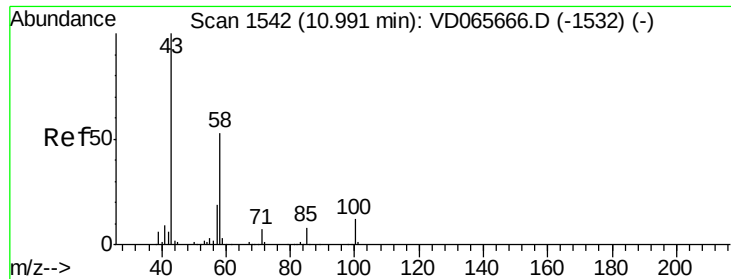
Tot Ion: 76 Resp: 295063
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 573.634 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion: 63 Resp: 511292
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.7 35.5

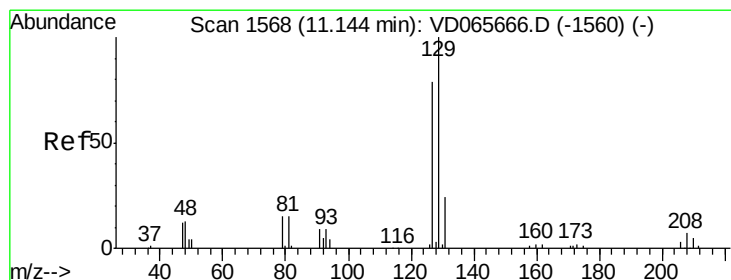
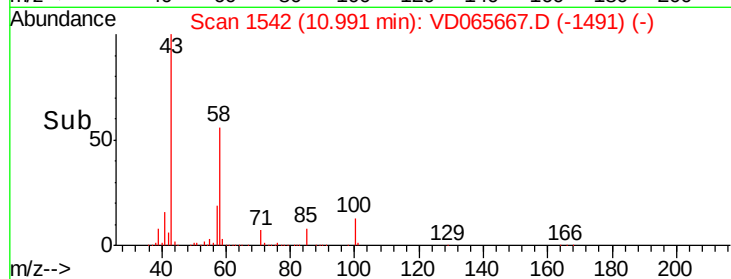
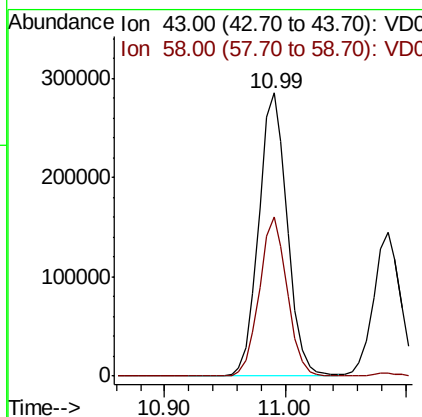
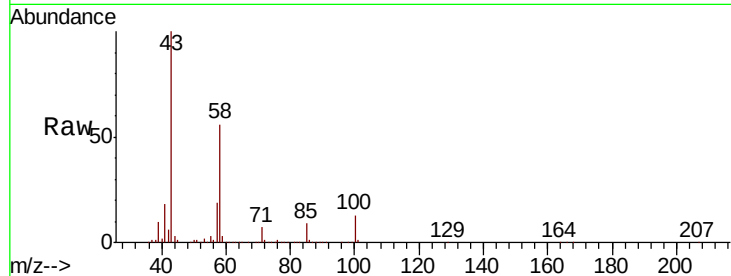




#59
2-Hexanone
Concen: 618.405 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

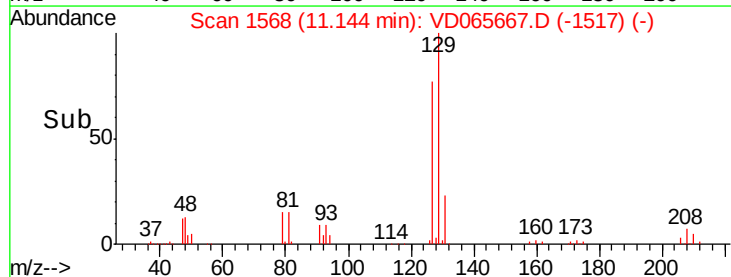
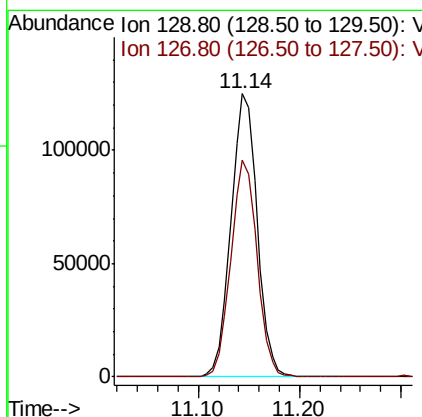
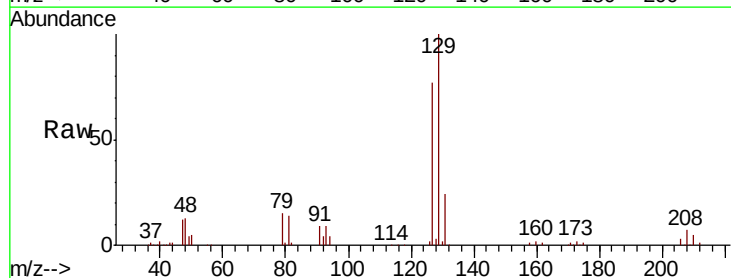
Instrument :
MSVOA_D
ClientSampleId :

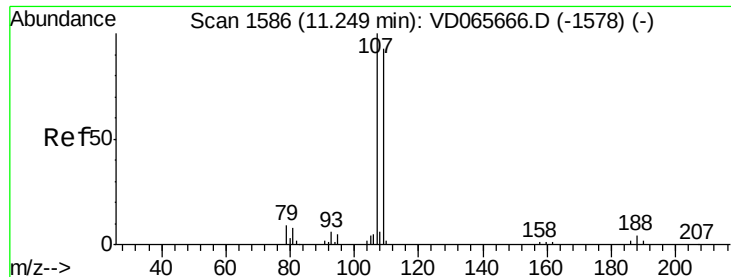
Tot Ion: 43 Resp: 468905
Ion Ratio Lower Upper
43 100
58 55.0 26.3 78.9



#60
Dibromochloromethane
Concen: 107.645 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion: 129 Resp: 224678
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

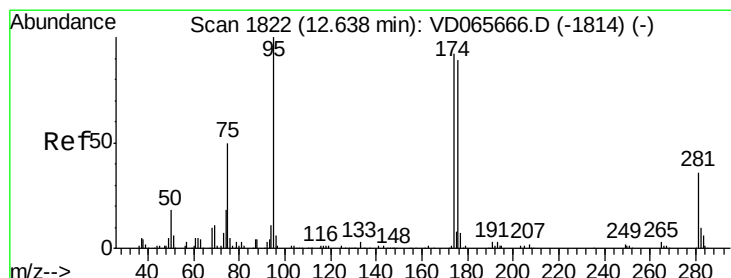
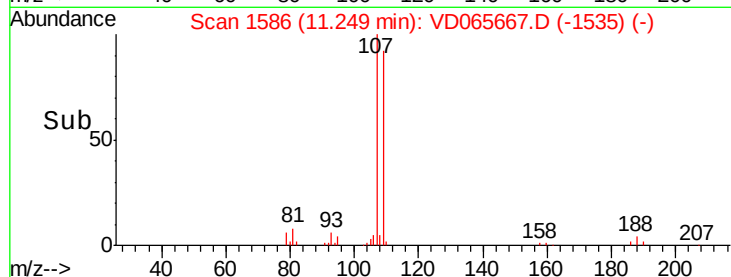
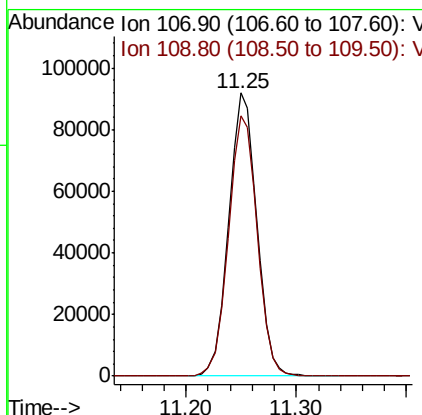
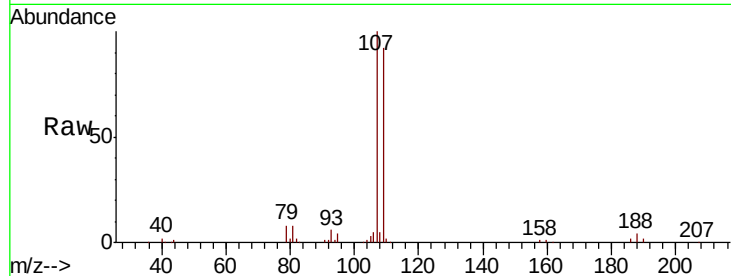




#61
 1,2-Dibromoethane
 Concen: 107.631 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

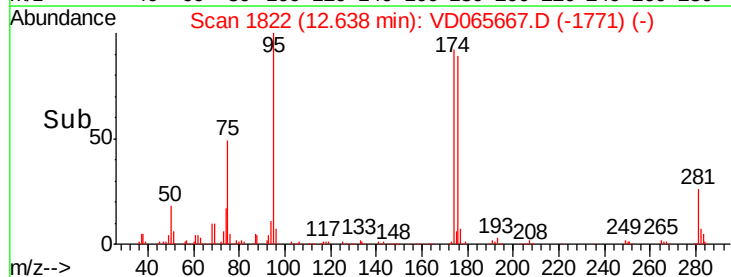
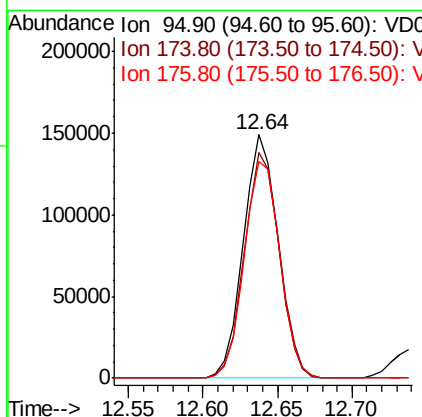
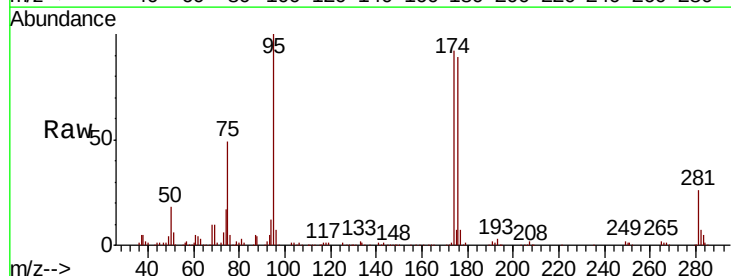
Instrument :
 MSVOA_D
 ClientSampled :

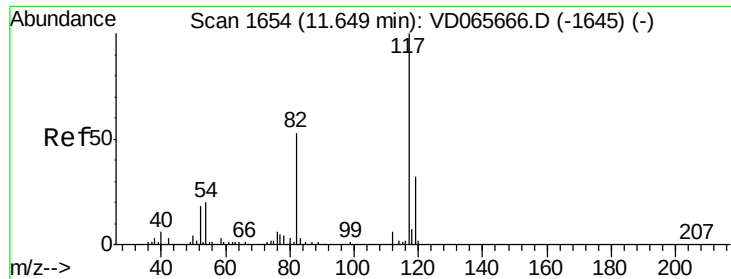
Tot Ion:107 Resp: 163590
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 96.256 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion: 95 Resp: 239635
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 186.4
 176 91.6 0.0 178.4

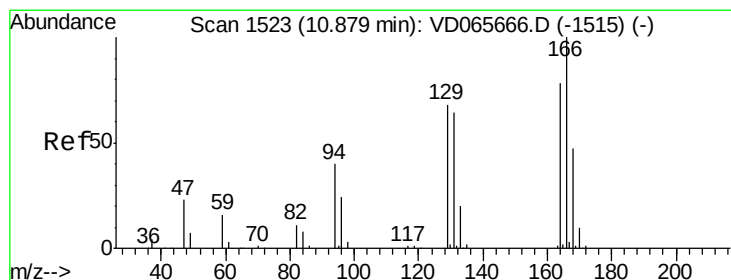
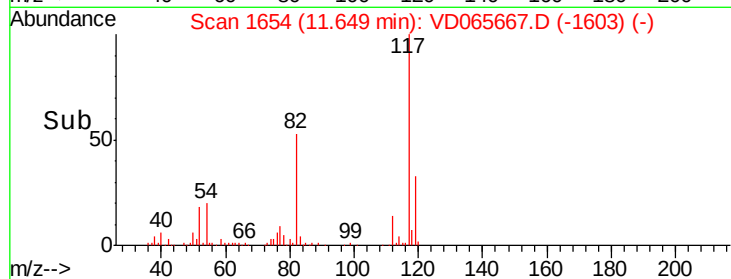
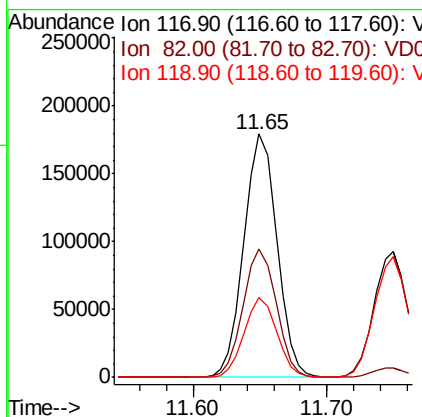
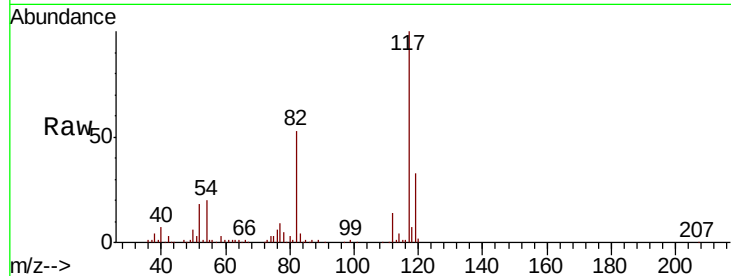




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

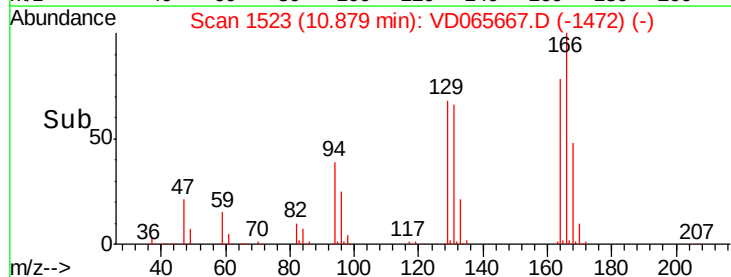
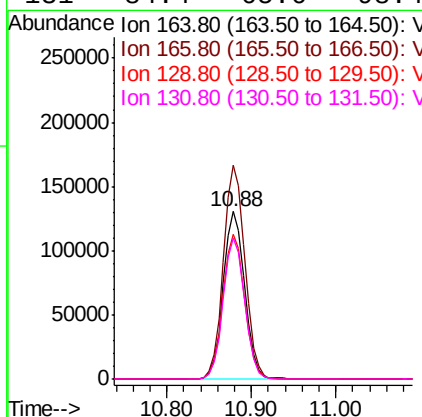
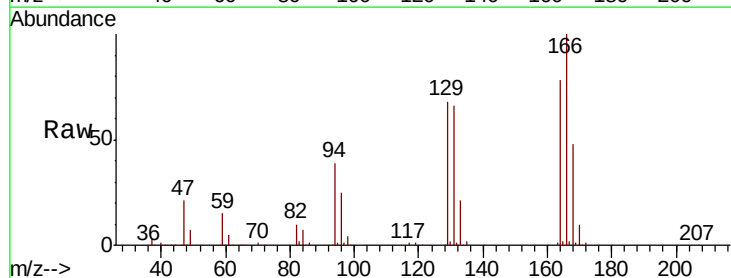
Instrument :
MSVOA_D
ClientSampled :

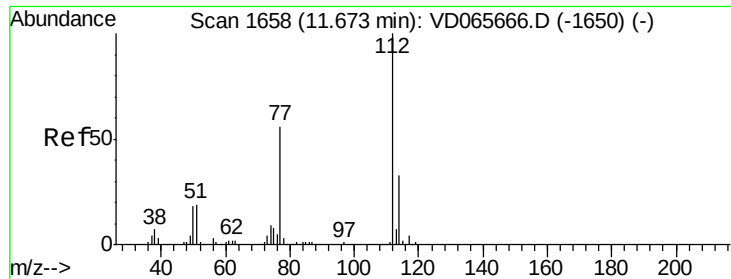
Tot Ion:117 Resp: 308681
Ion Ratio Lower Upper
117 100
82 52.7 42.7 64.1
119 32.7 25.9 38.9



#64
Tetrachloroethene
Concen: 107.229 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion:164 Resp: 229027
Ion Ratio Lower Upper
164 100
166 127.4 102.0 153.0
129 86.6 69.3 103.9
131 84.4 65.6 98.4

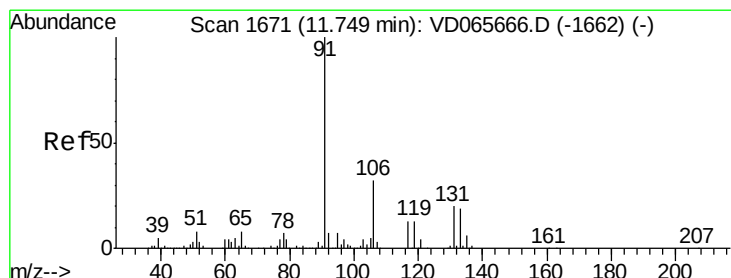
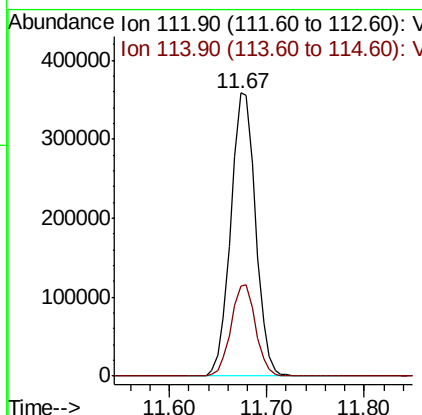
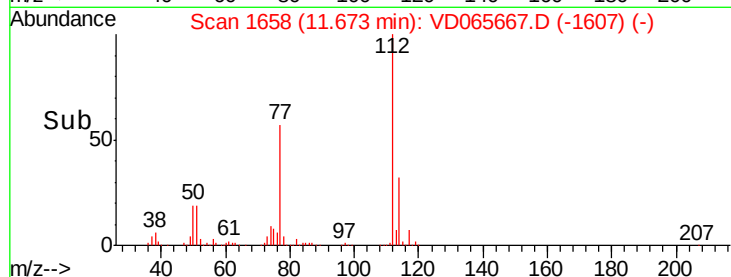
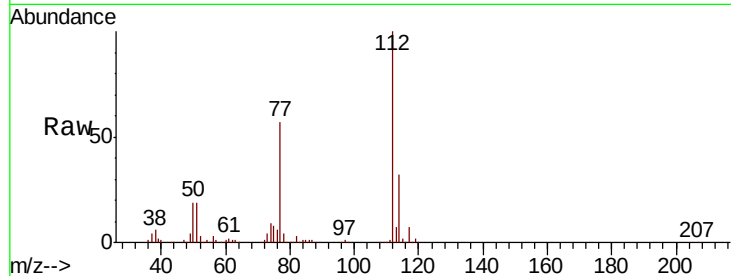




#65
Chlorobenzene
Concen: 106.883 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

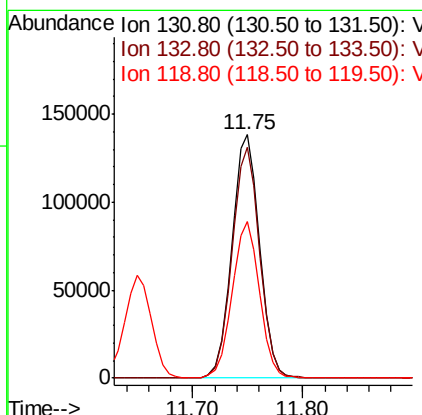
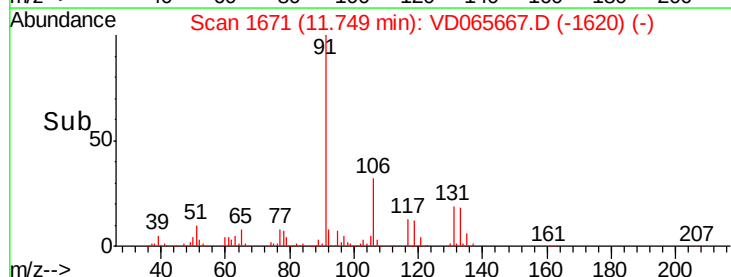
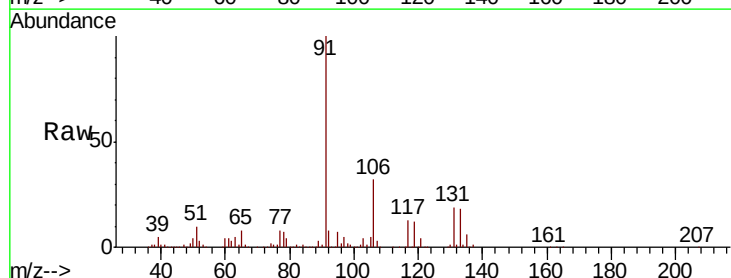
Instrument :
MSVOA_D
ClientSampleId :

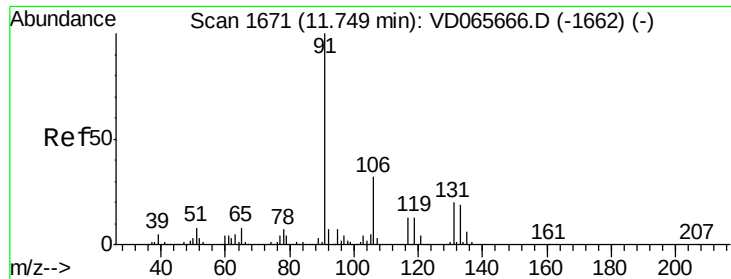
Tot Ion:112 Resp: 633533
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 106.997 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion:131 Resp: 242374
Ion Ratio Lower Upper
131 100
133 94.8 48.6 145.8
119 63.9 32.3 96.9





#67

Ethyl Benzene

Concen: 113.205 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

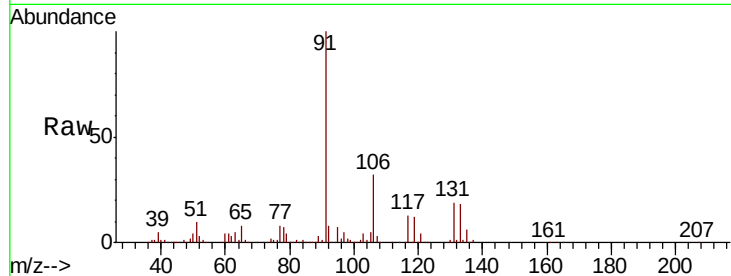
ClientSampleId :

Tot Ion: 91 Resp: 1146601

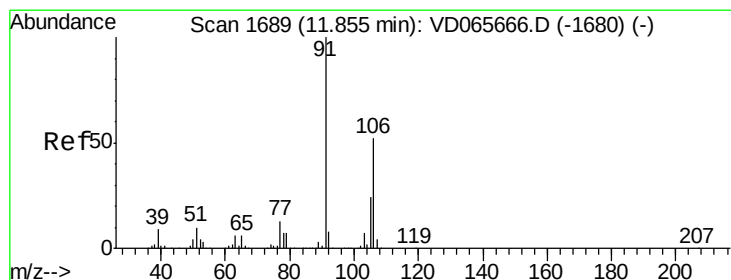
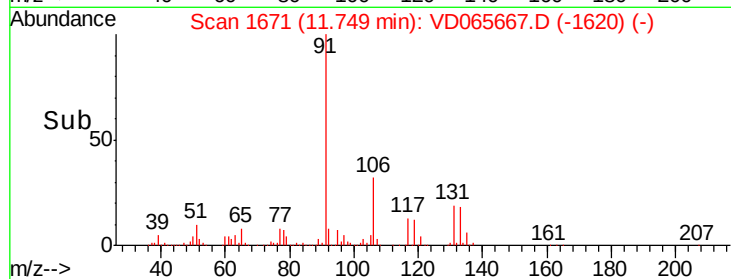
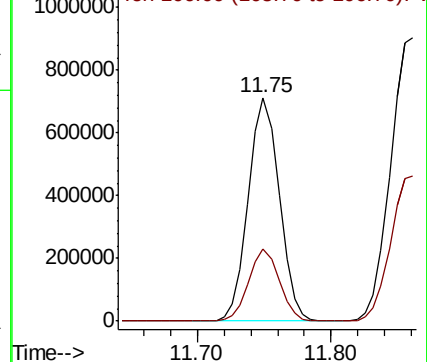
Ion Ratio Lower Upper

91 100

106 32.3 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 228.225 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065667.D

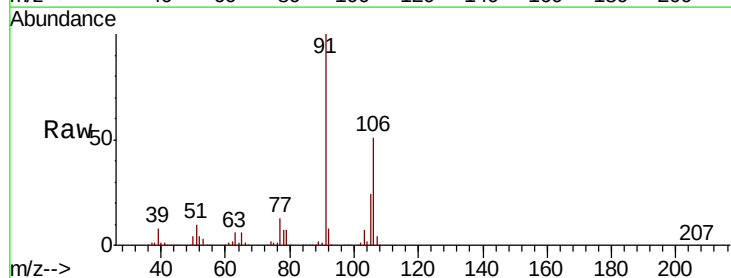
Acq: 22 Apr 2020 15:33

Tgt Ion: 106 Resp: 894179

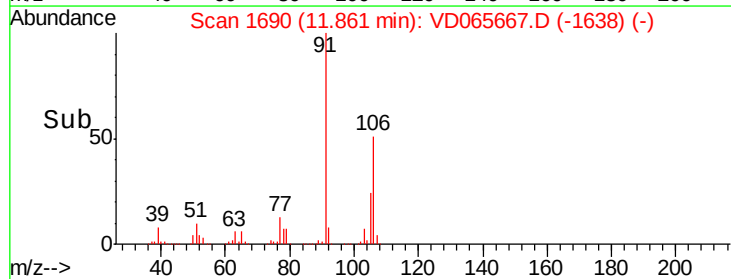
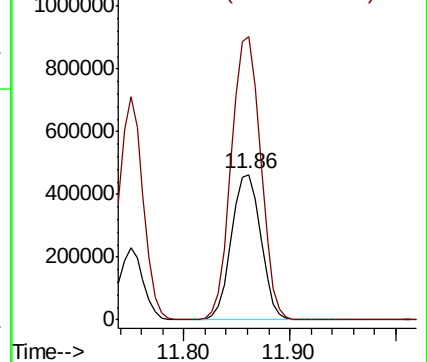
Ion Ratio Lower Upper

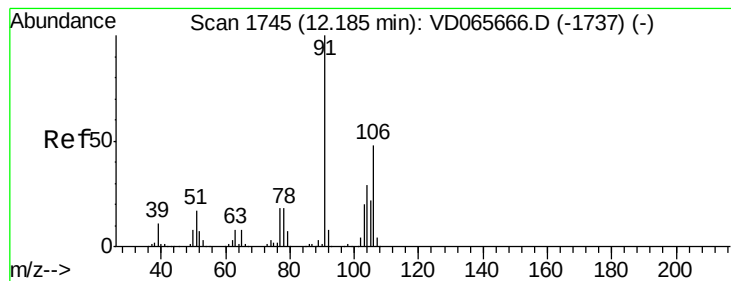
106 100

91 194.9 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V





#69

o-Xylene

Concen: 116.816 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

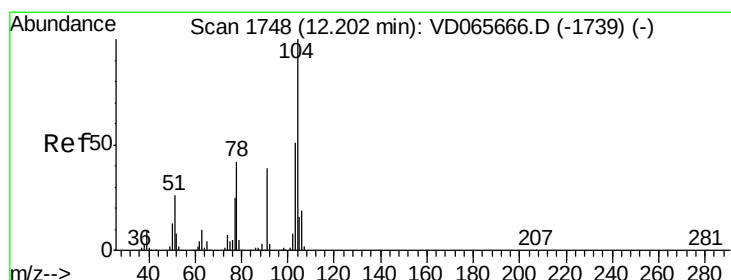
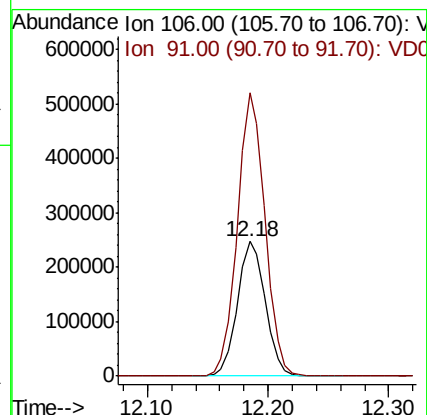
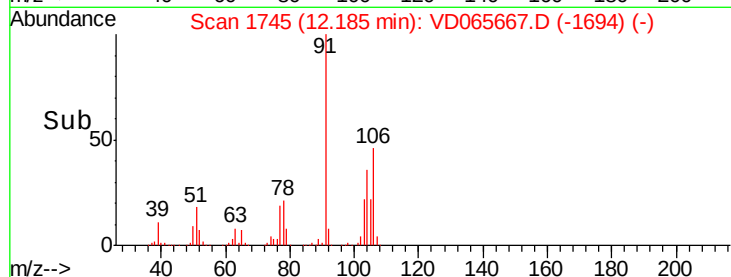
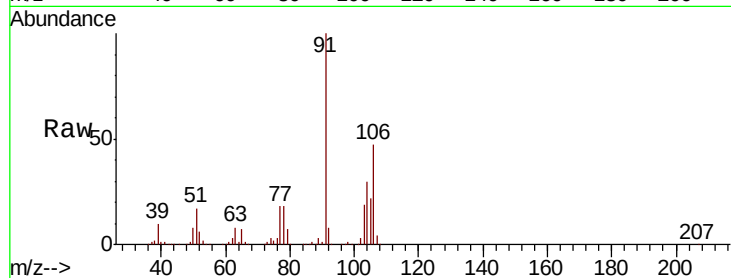
ClientSampled :

Tot Ion:106 Resp: 398703

Ion Ratio Lower Upper

106 100

91 207.7 103.6 310.9



#70

Styrene

Concen: 117.464 ug/l

RT: 12.20 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

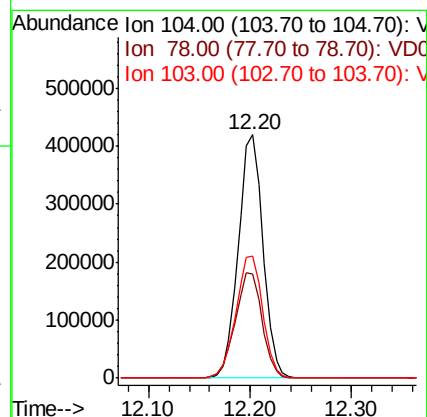
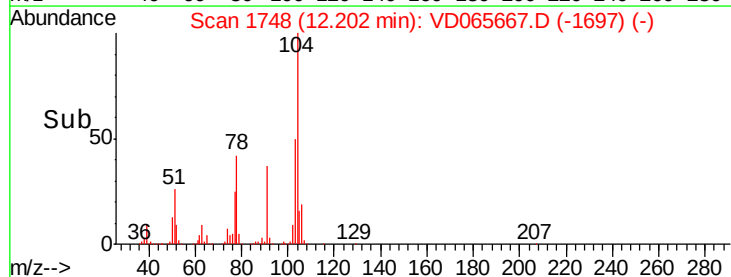
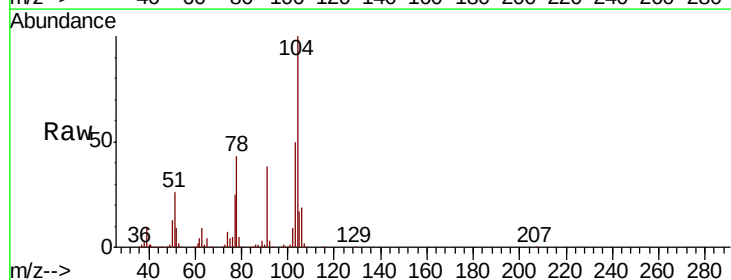
Tgt Ion:104 Resp: 710418

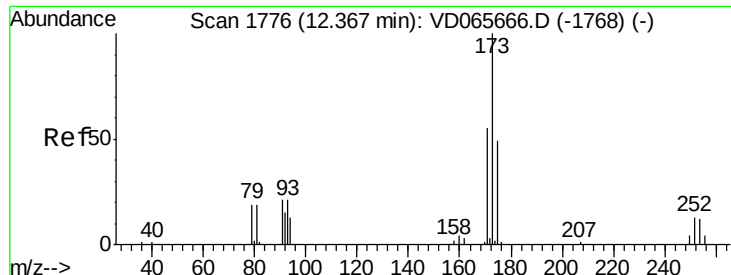
Ion Ratio Lower Upper

104 100

78 47.1 37.4 56.0

103 54.3 43.6 65.4





#71

Bromoform

Concen: 109.842 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

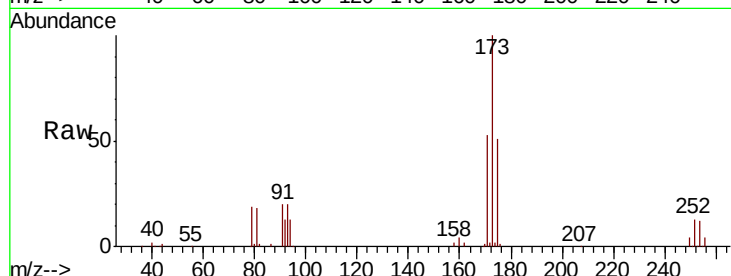
Tot Ion:173 Resp: 139356

Ion Ratio Lower Upper

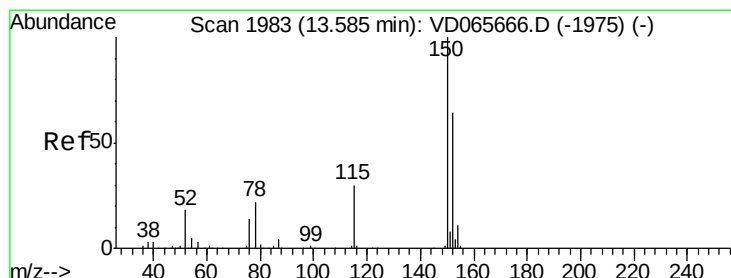
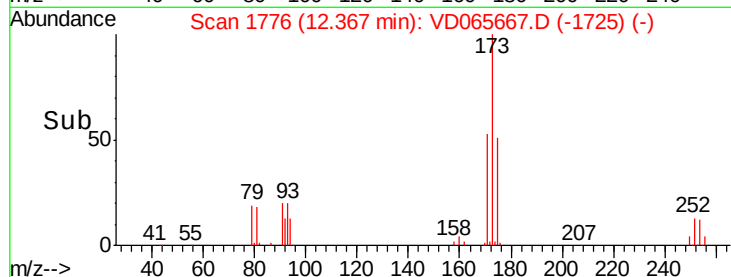
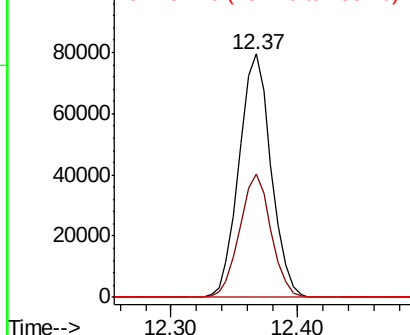
173 100

175 49.6 23.9 71.7

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

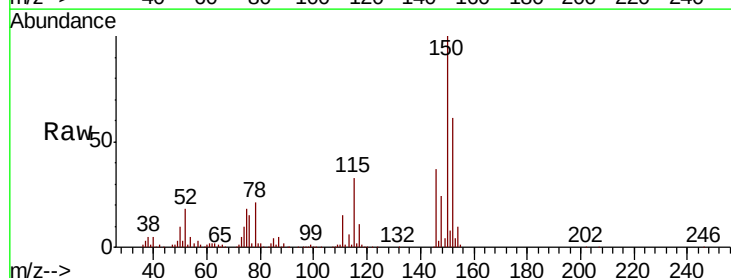
Tgt Ion:152 Resp: 159725

Ion Ratio Lower Upper

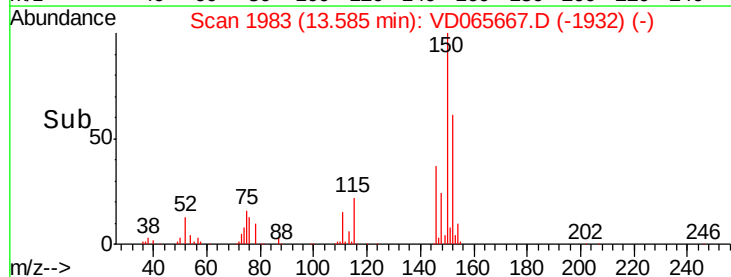
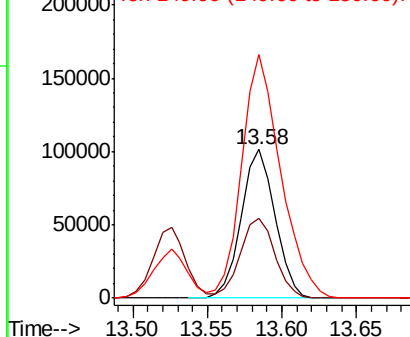
152 100

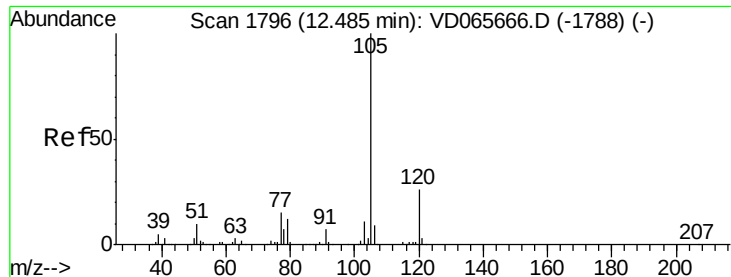
115 54.8 27.4 82.0

150 188.0 0.0 339.0



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

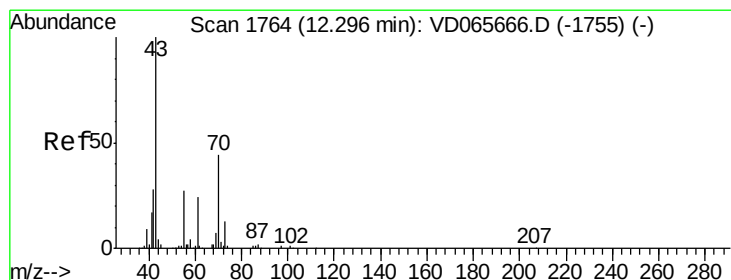
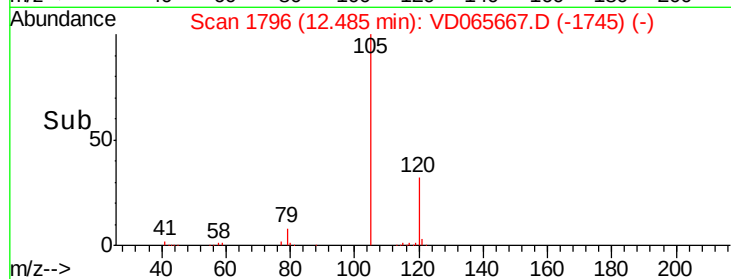
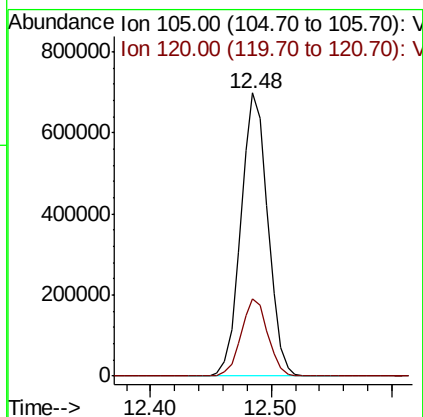
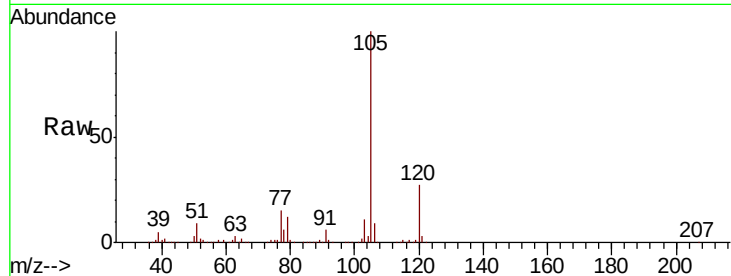




#73
Isopropylbenzene
Concen: 116.729 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

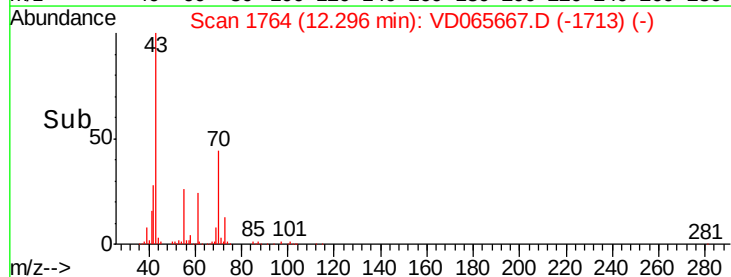
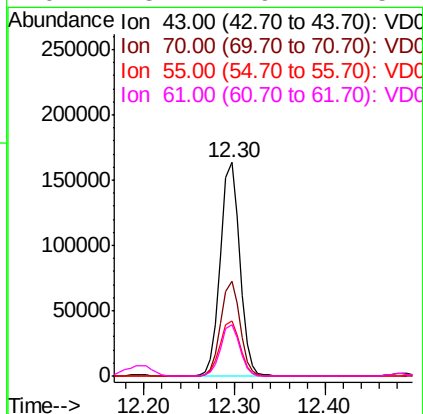
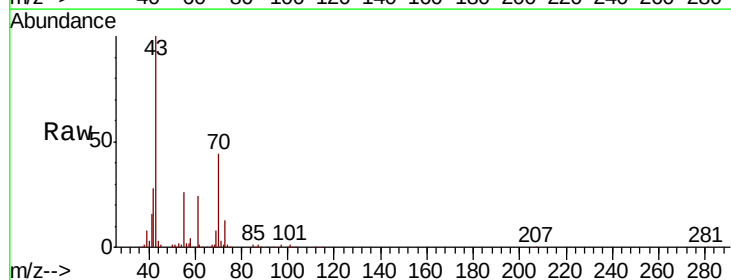
Instrument :
MSVOA_D
ClientSampleId :

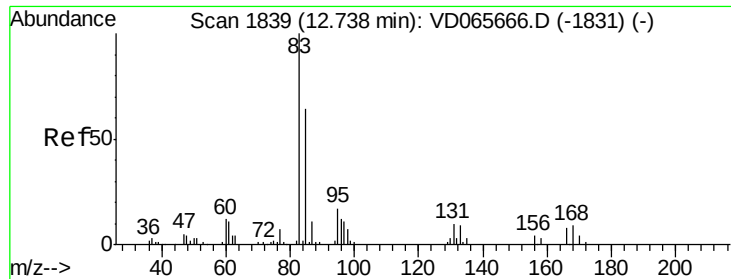
Tot Ion:105 Resp: 1086960
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 123.579 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion: 43 Resp: 242439
Ion Ratio Lower Upper
43 100
70 44.0 34.6 51.8
55 26.7 22.3 33.5
61 23.7 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 108.930 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

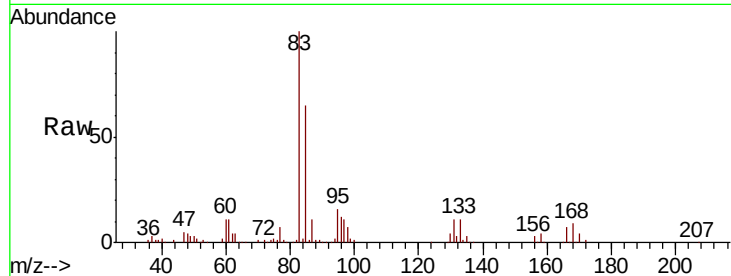
Tot Ion: 83 Resp: 183618

Ion Ratio Lower Upper

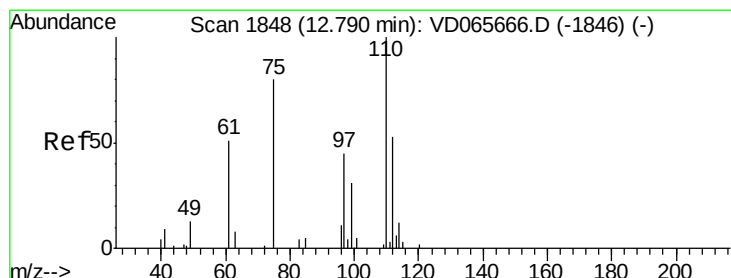
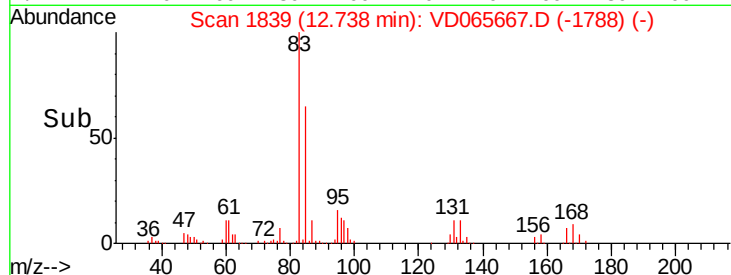
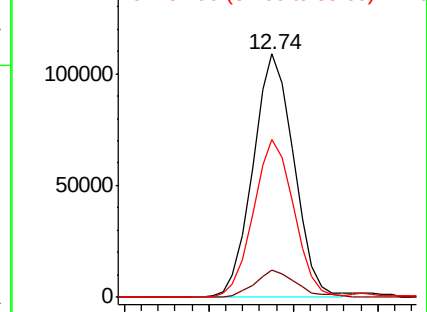
83 100

131 11.3 5.7 17.1

85 64.1 31.9 95.9



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: 201.875 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065667.D

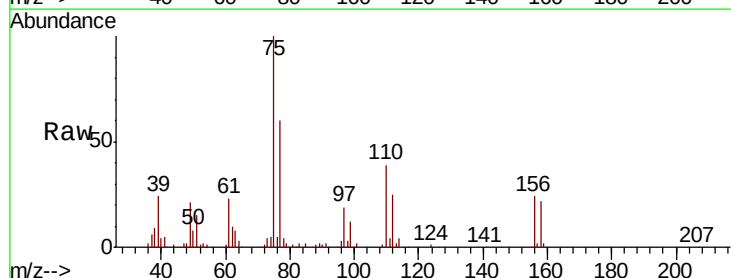
Acq: 22 Apr 2020 15:33

Tgt Ion: 75 Resp: 243207

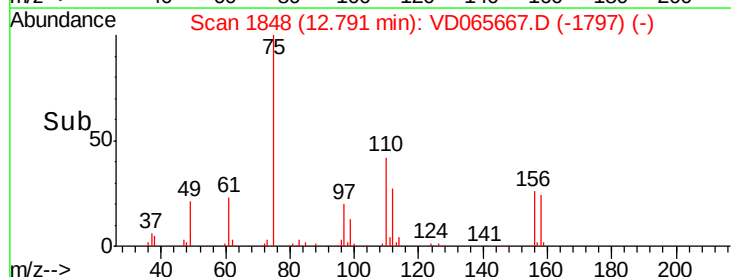
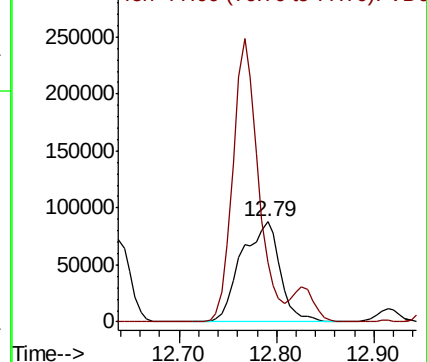
Ion Ratio Lower Upper

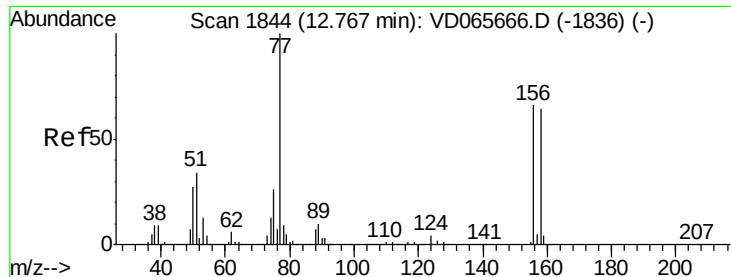
75 100

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: 108.536 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

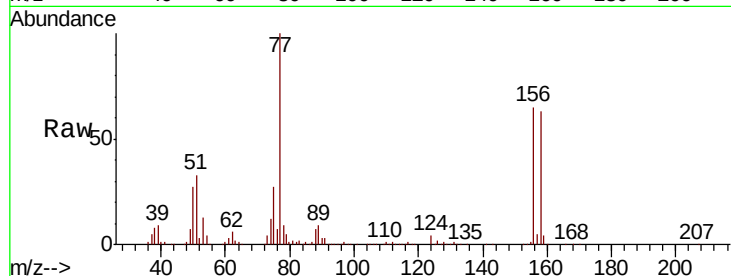
Tot Ion:156 Resp: 267497

Ion Ratio Lower Upper

156 100

77 168.8 85.8 257.3

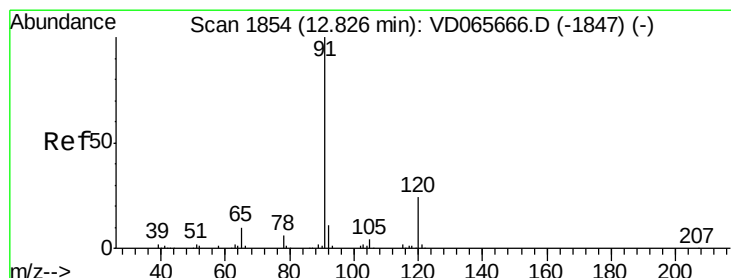
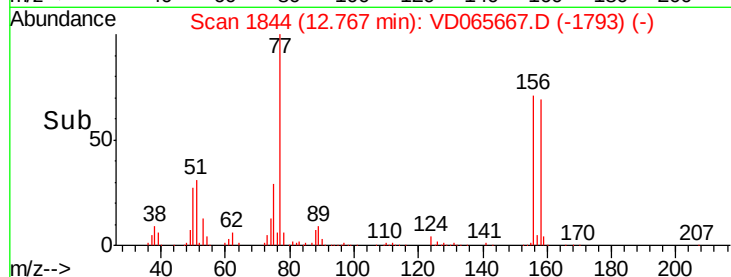
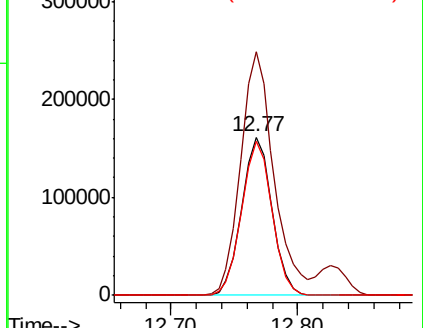
158 97.6 49.9 149.6



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: 114.119 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065667.D

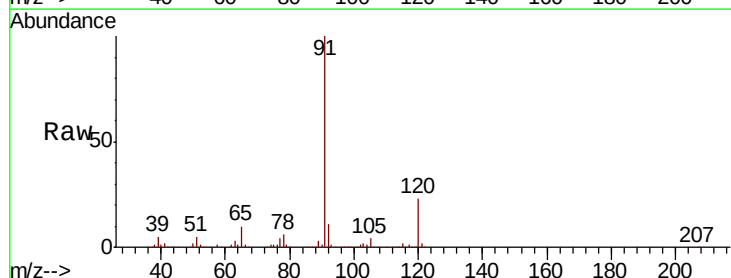
Acq: 22 Apr 2020 15:33

Tgt Ion: 91 Resp: 1285860

Ion Ratio Lower Upper

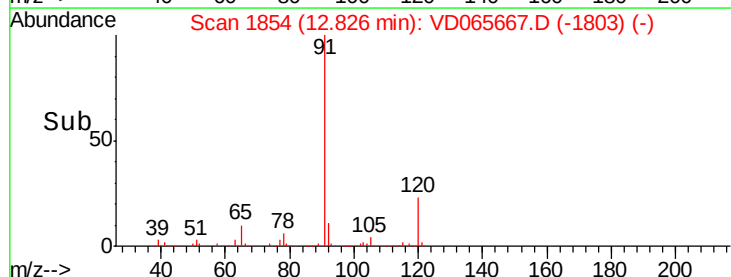
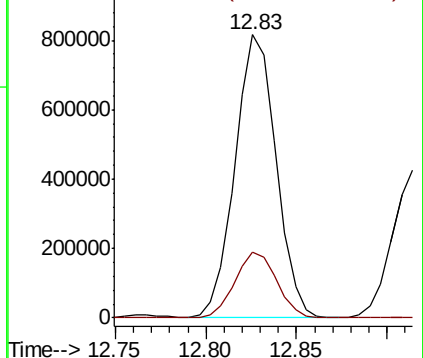
91 100

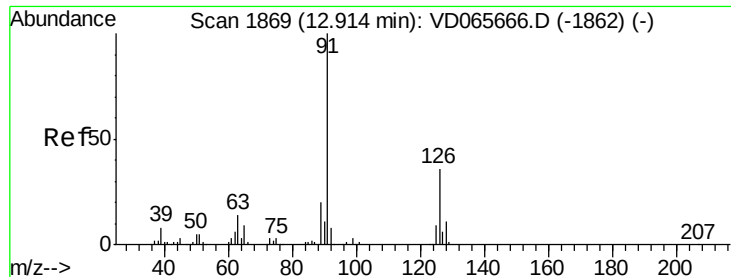
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 110.441 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

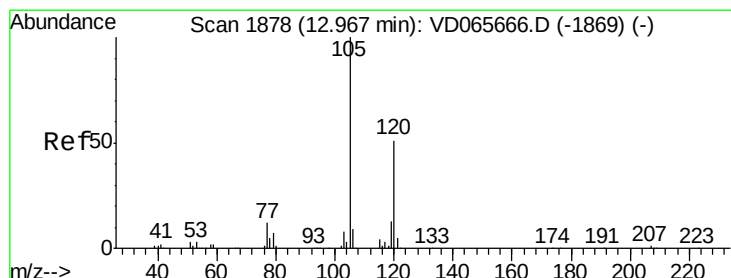
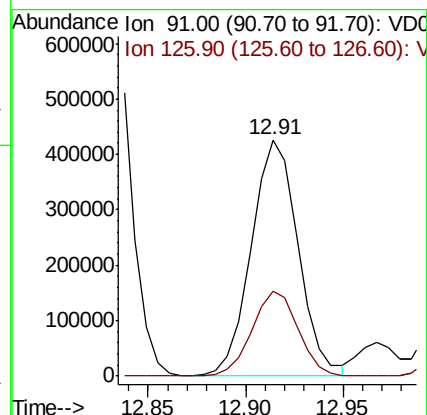
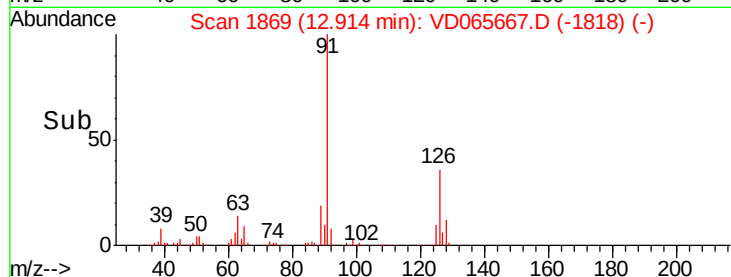
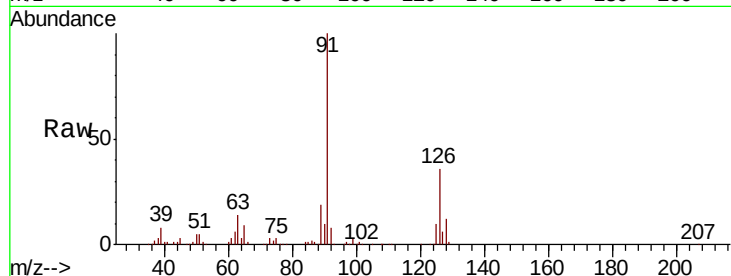
ClientSampled :

Tot Ion: 91 Resp: 707935

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 114.568 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065667.D

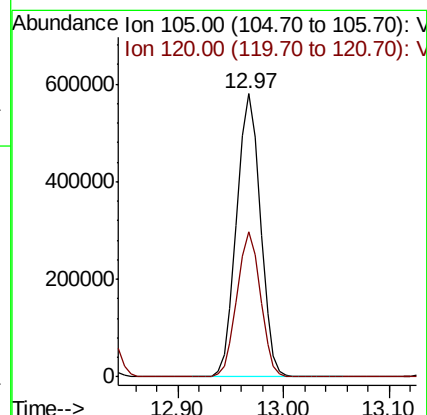
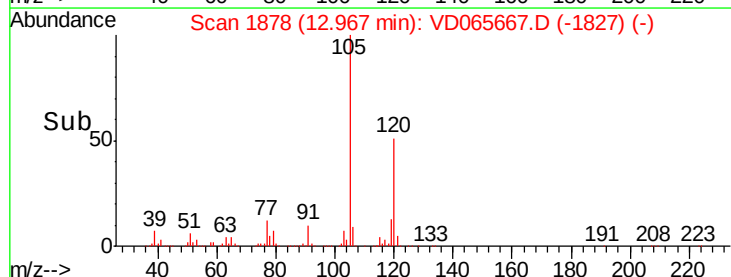
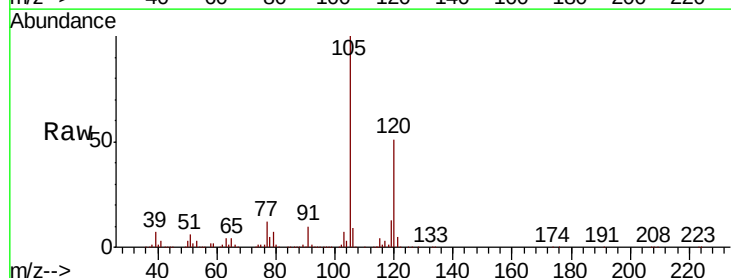
Acq: 22 Apr 2020 15:33

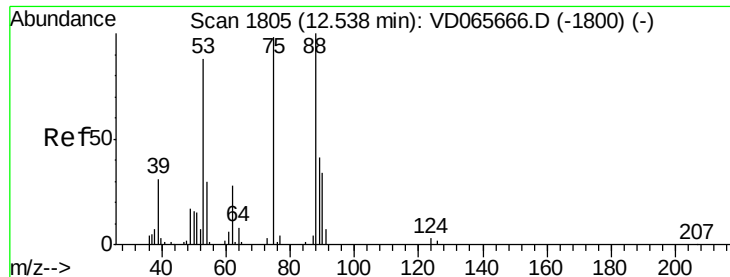
Tgt Ion:105 Resp: 901147

Ion Ratio Lower Upper

105 100

120 50.7 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 116.528 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampled :

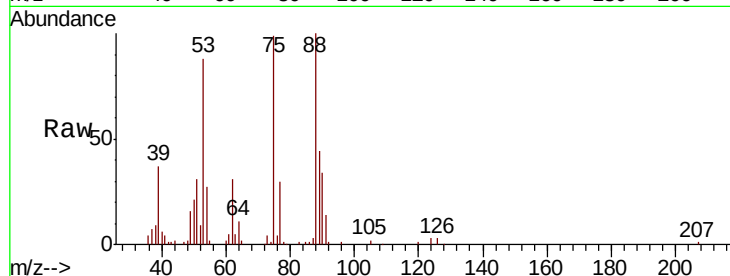
Tot Ion: 75 Resp: 65737

Ion Ratio Lower Upper

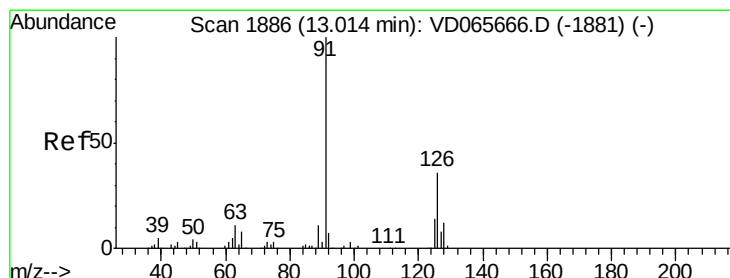
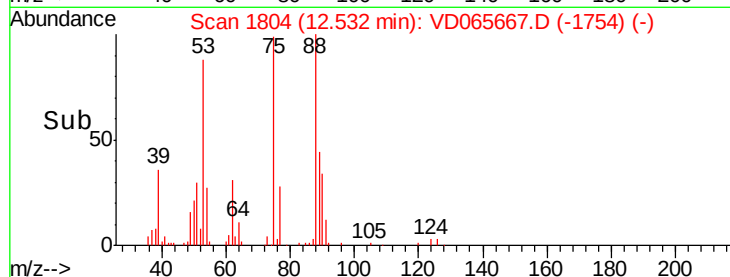
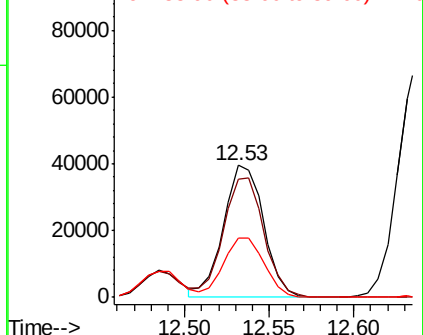
75 100

53 90.2 76.5 114.7

89 45.3 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 107.831 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065667.D

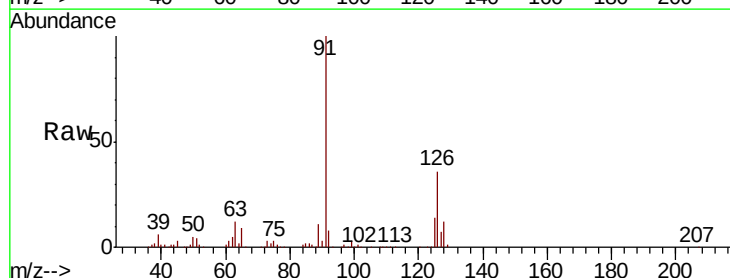
Acq: 22 Apr 2020 15:33

Tgt Ion: 91 Resp: 744180

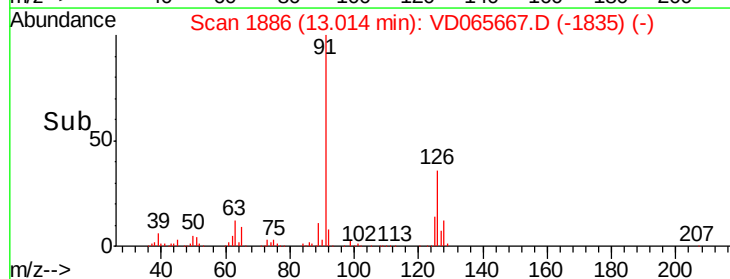
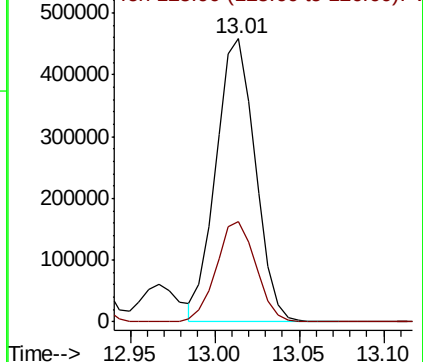
Ion Ratio Lower Upper

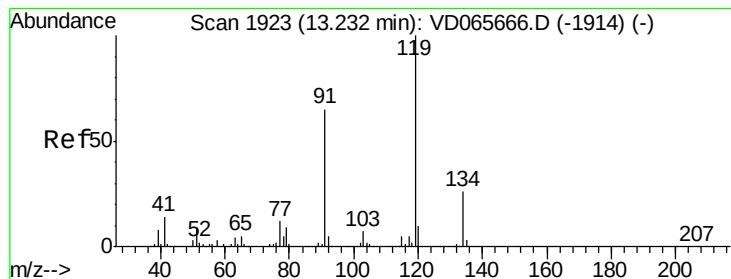
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 117.500 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampled :

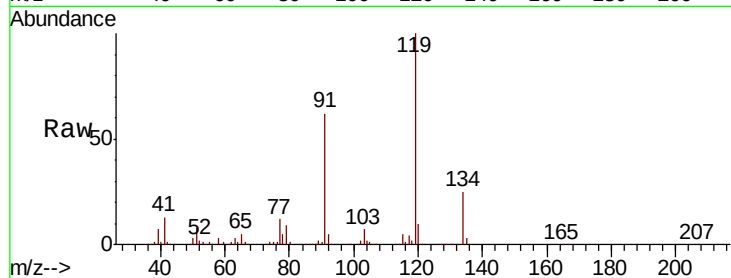
Tot Ion:119 Resp: 774172

Ion Ratio Lower Upper

119 100

91 62.5 31.9 95.7

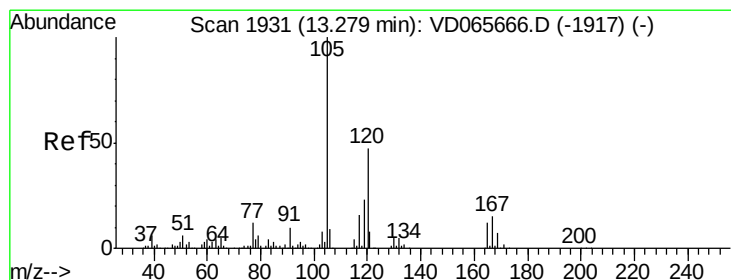
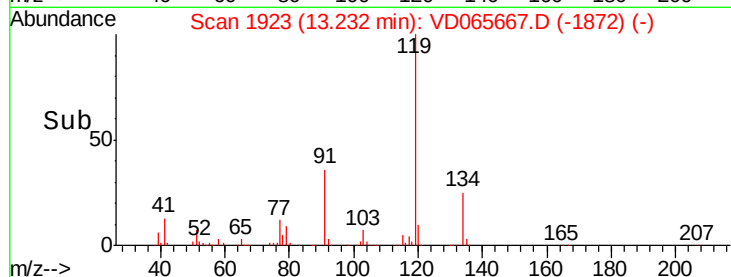
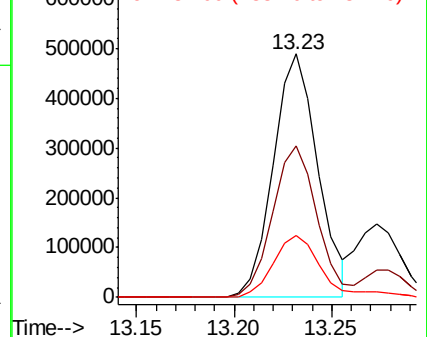
134 27.7 14.1 42.3



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: 115.075 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065667.D

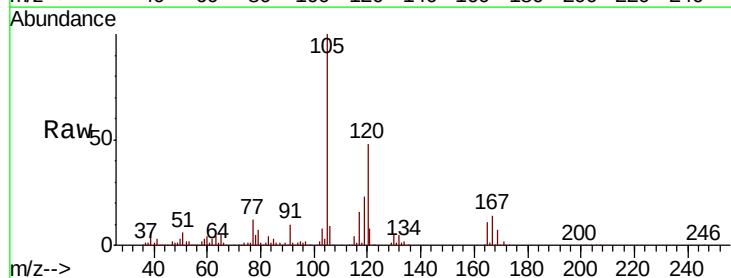
Acq: 22 Apr 2020 15:33

Tgt Ion:105 Resp: 901586

Ion Ratio Lower Upper

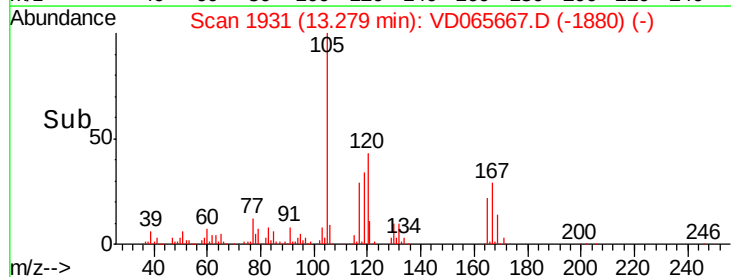
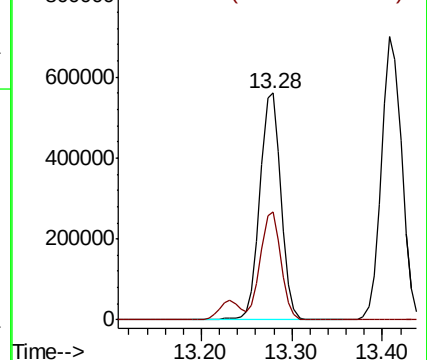
105 100

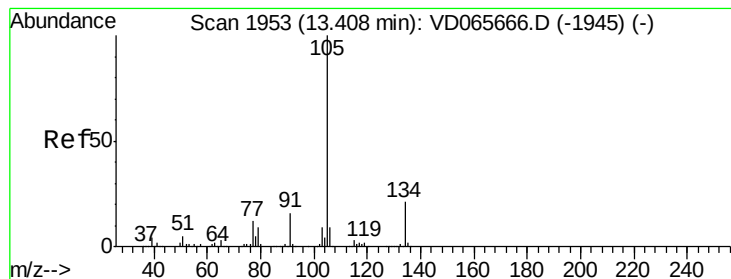
120 46.5 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 115.086 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

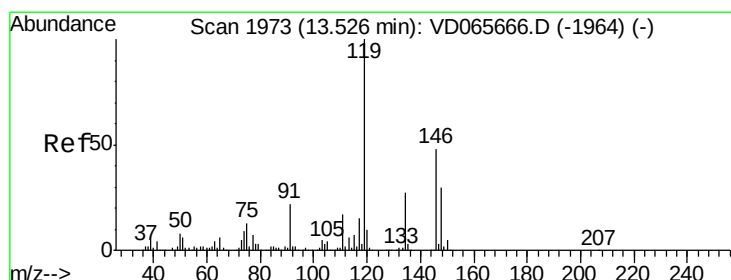
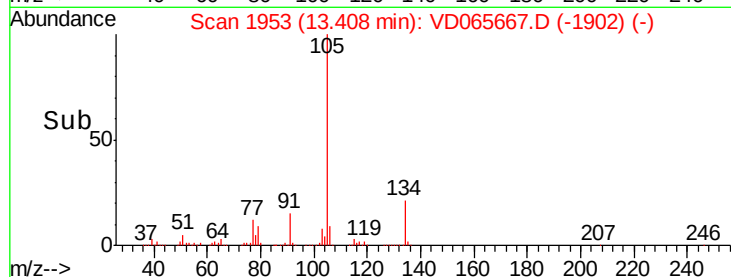
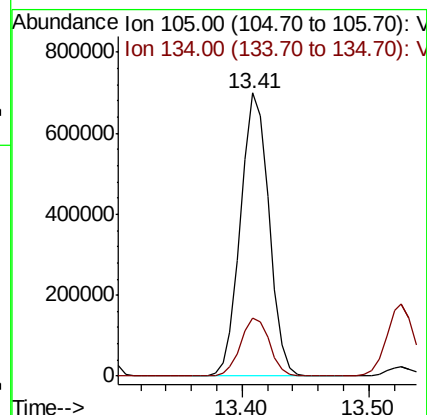
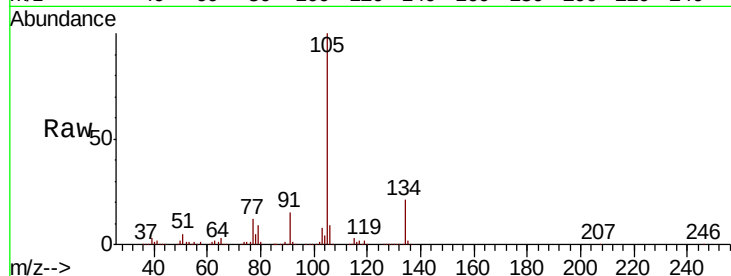
ClientSampleId :

Tot Ion:105 Resp: 1085893

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5



#86

p-Isopropyltoluene

Concen: 114.088 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

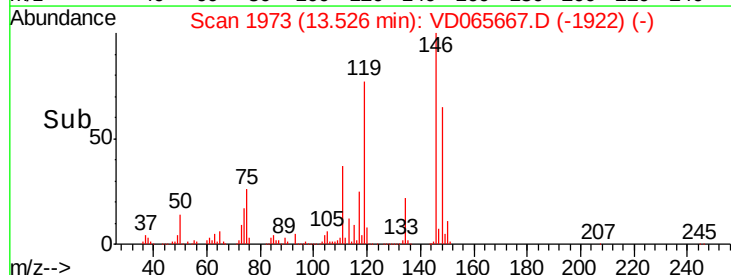
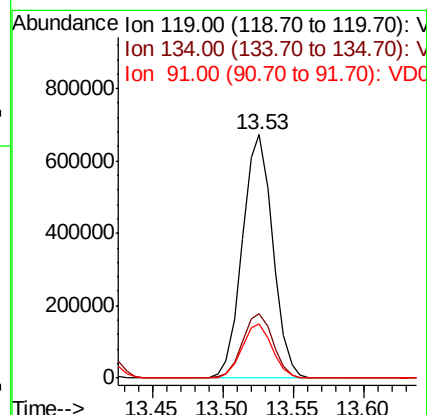
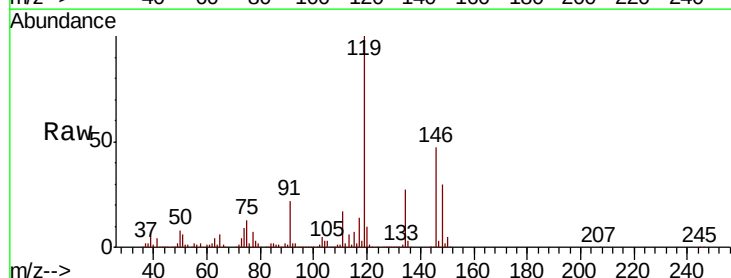
Tgt Ion:119 Resp: 1011296

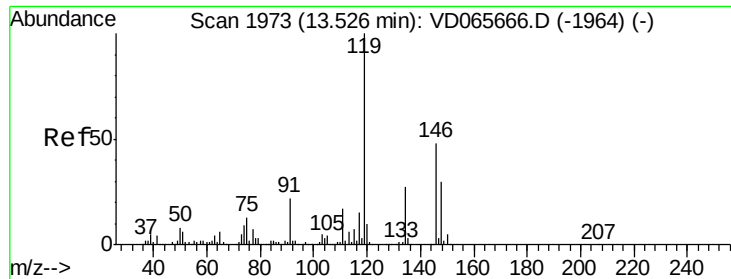
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.1 10.9 32.7

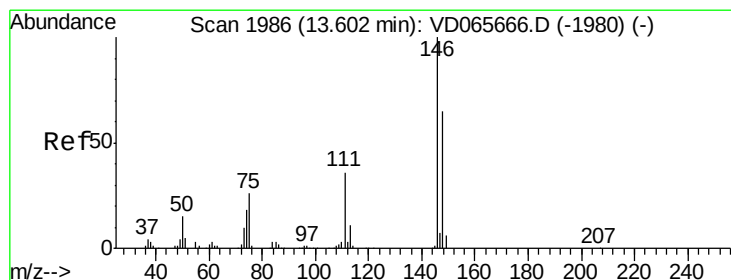
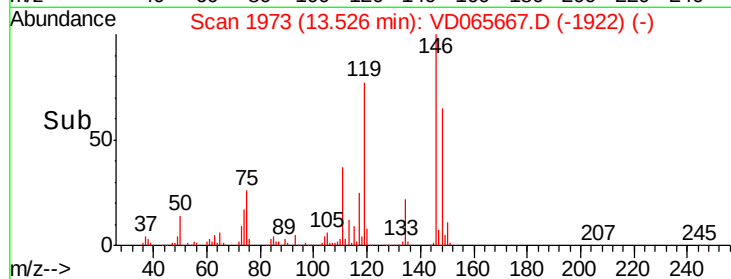
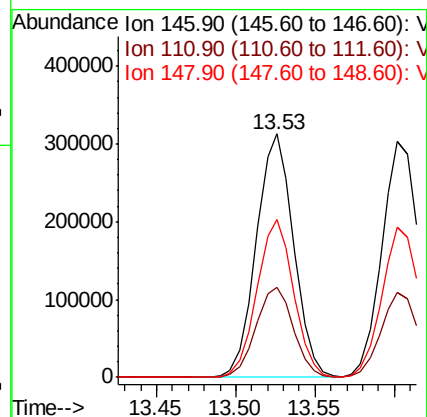
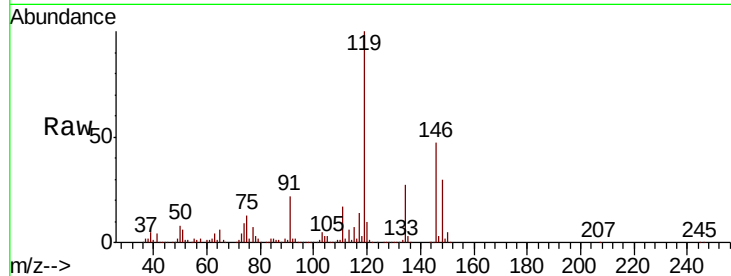




#87
 1,3-Dichlorobenzene
 Concen: 105.450 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

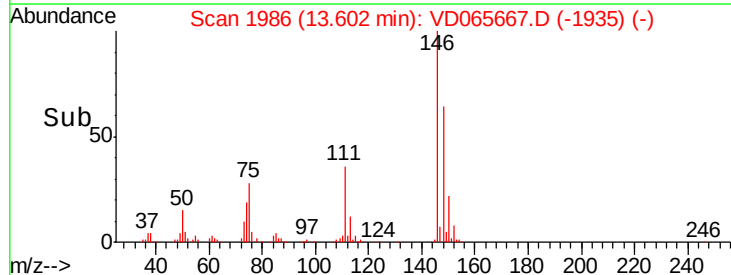
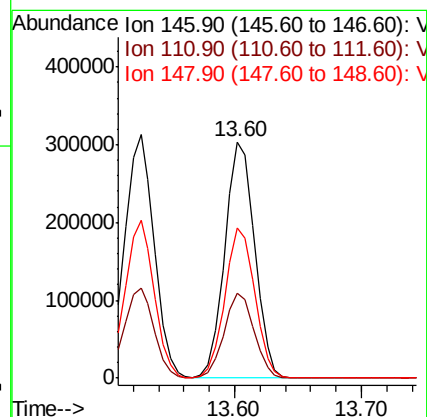
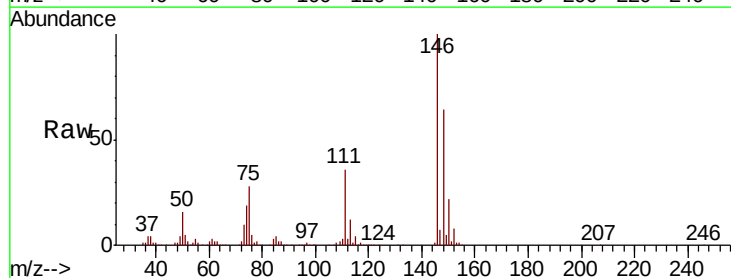
Instrument :
 MSVOA_D
 ClientSampleId :

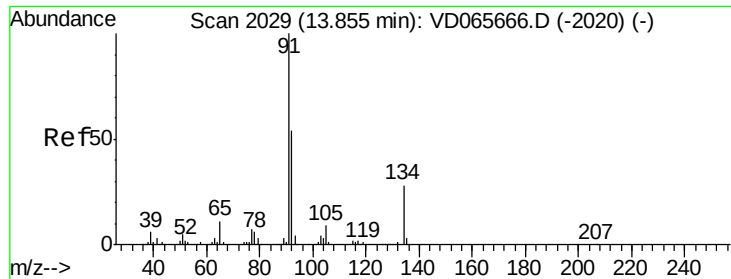
Tot Ion:146 Resp: 511260
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 56.0
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 103.018 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion:146 Resp: 496396
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.1
 148 63.6 31.9 95.5

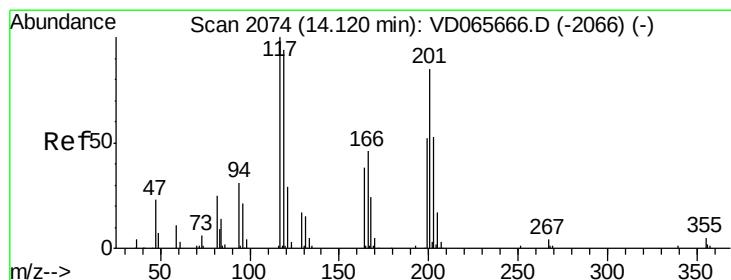
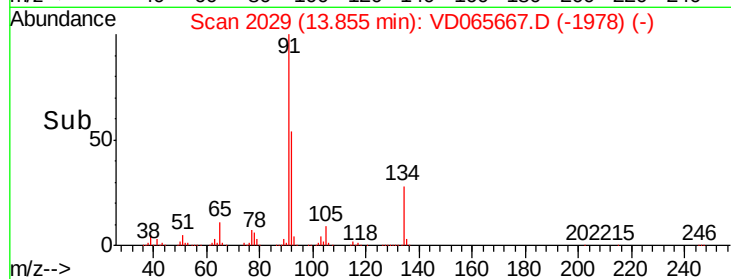
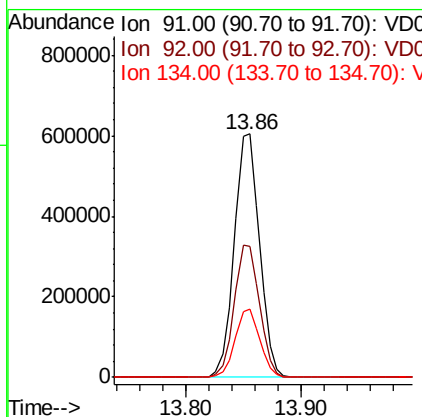
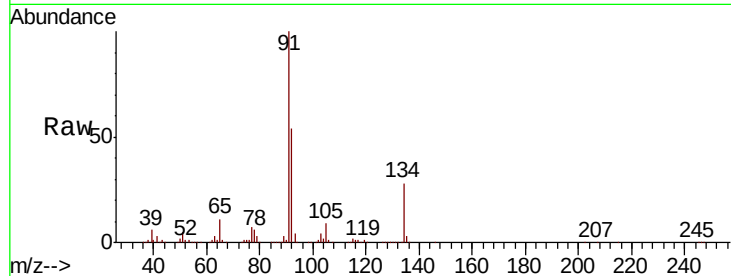




#89
n-Butylbenzene
Concen: 113.727 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

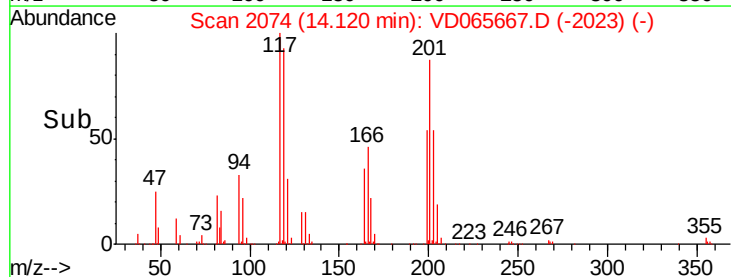
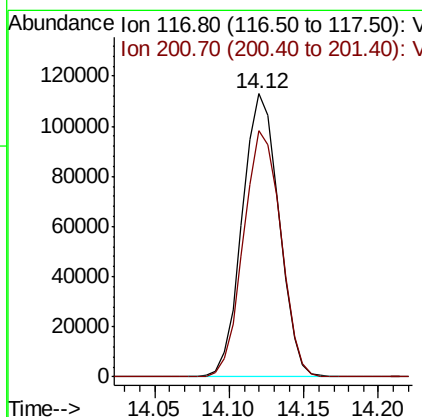
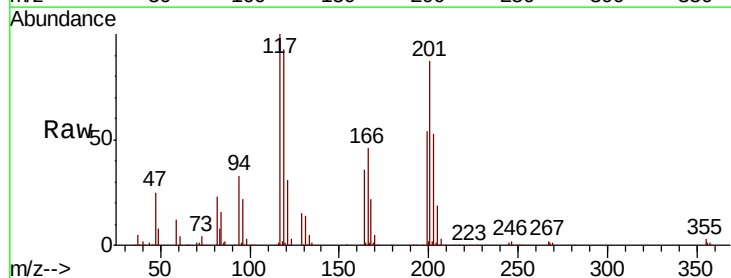
Instrument :
MSVOA_D
ClientSampled :

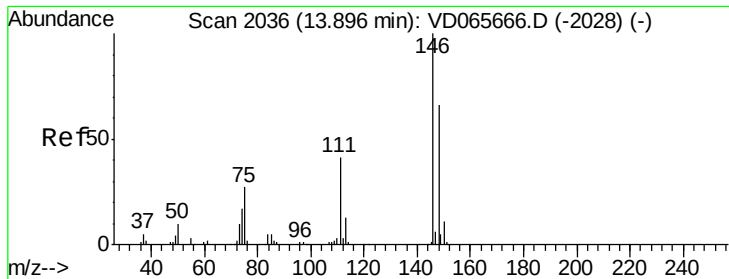
Tot Ion: 91 Resp: 913594
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.2
134 27.4 13.7 41.0



#90
Hexachloroethane
Concen: 103.424 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065667.D
Acq: 22 Apr 2020 15:33

Tgt Ion: 117 Resp: 192815
Ion Ratio Lower Upper
117 100
201 88.1 44.6 134.0

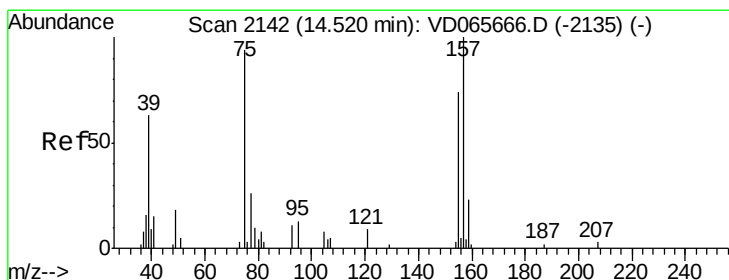
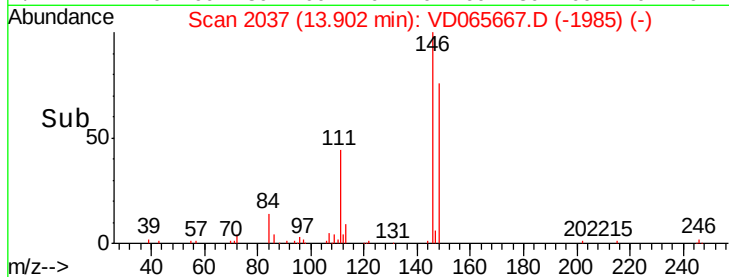
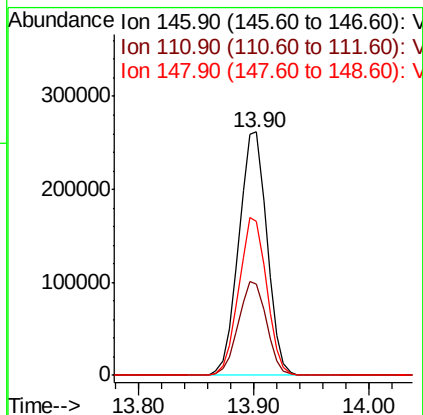
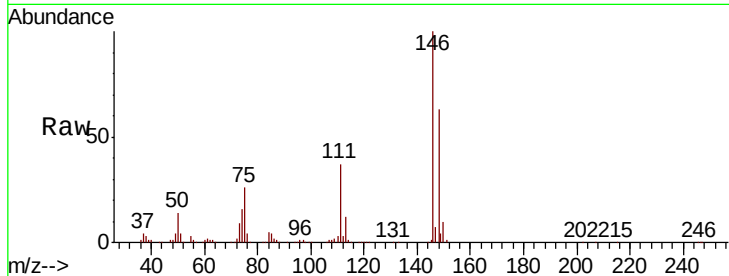




#91
 1,2-Dichlorobenzene
 Concen: 106.936 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

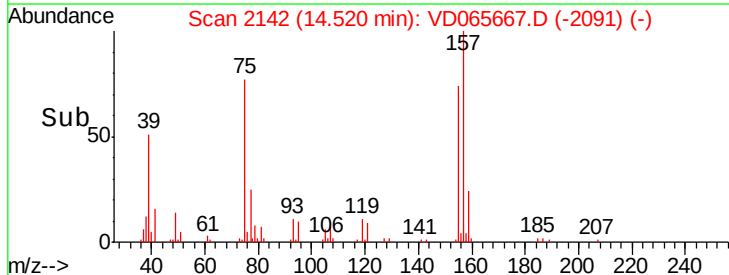
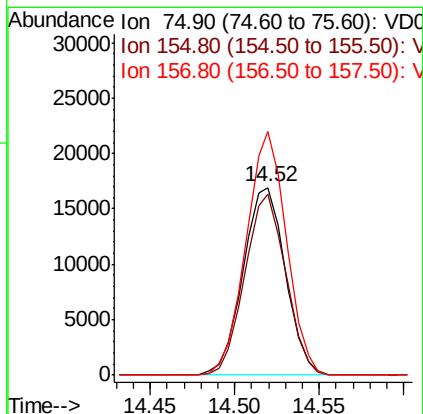
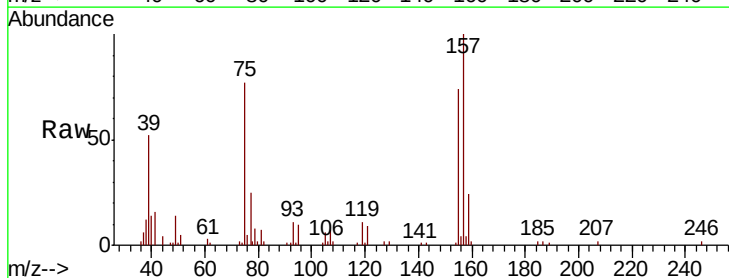
Instrument :
 MSVOA_D
 ClientSampleId :

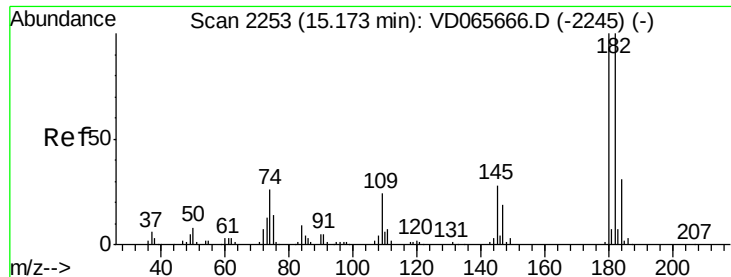
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	64.2	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 114.909 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.2	40.6	122.0
157	123.7	52.8	158.5

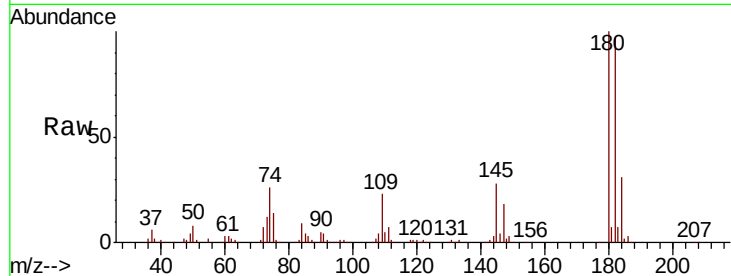




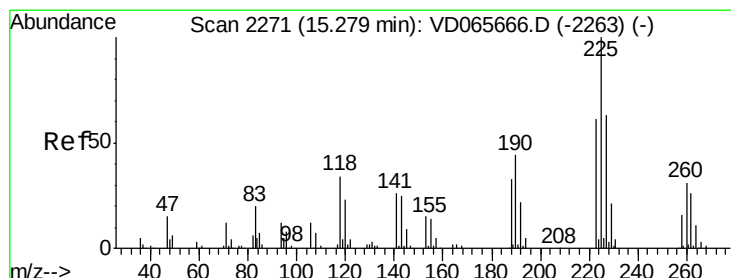
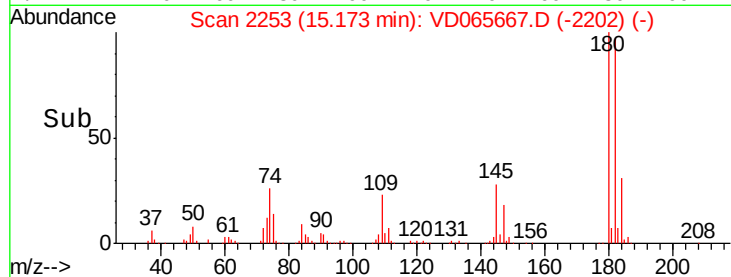
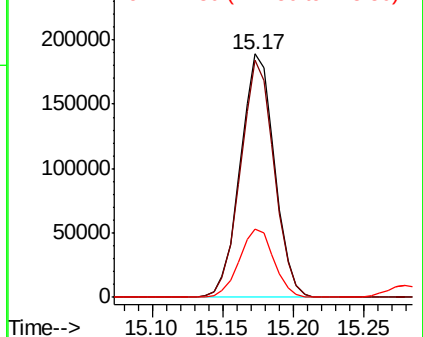
#93
 1,2,4-Trichlorobenzene
 Concen: 112.586 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	28.4	14.1	42.4

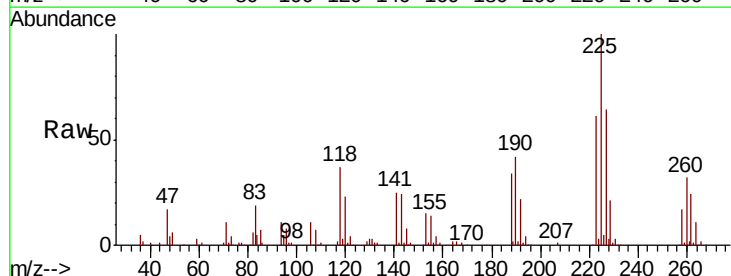


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

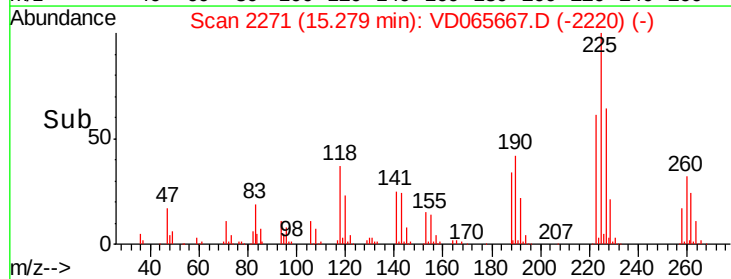
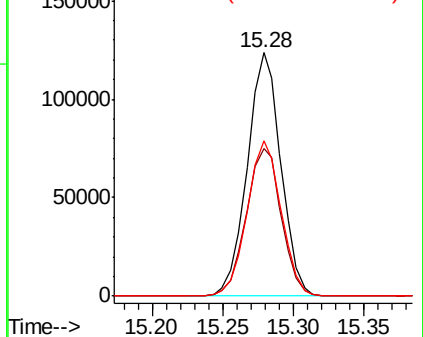


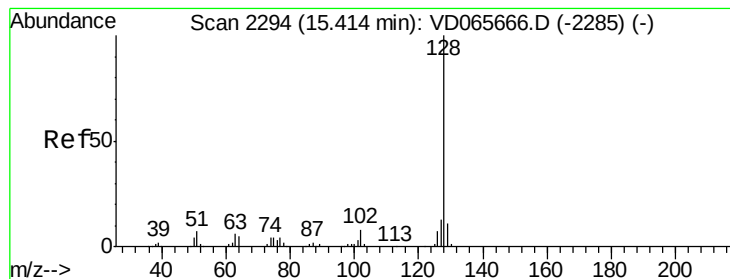
#94
 Hexachlorobutadiene
 Concen: 105.372 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065667.D
 Acq: 22 Apr 2020 15:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.8	92.4
227	64.6	32.1	96.5



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: 129.350 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

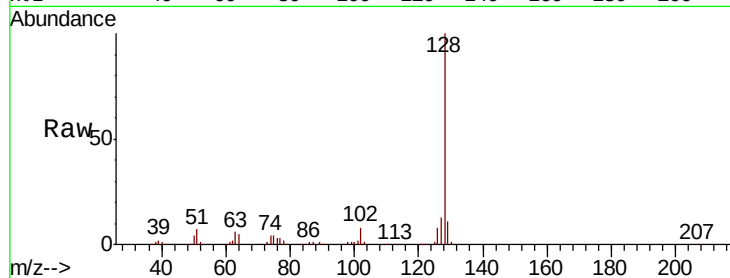
Tot Ion:128 Resp: 539198

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

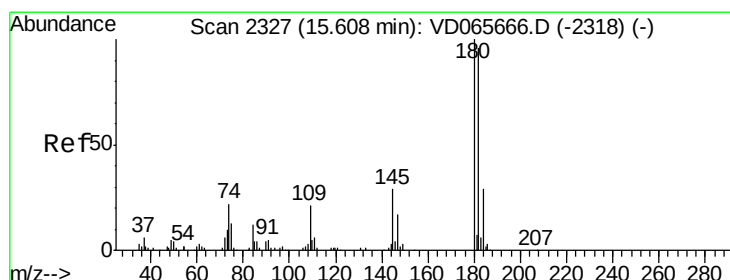
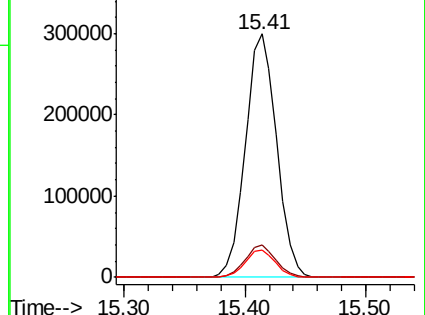
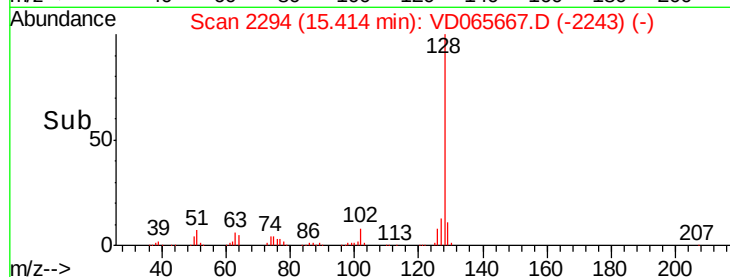
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 112.084 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD065667.D

Acq: 22 Apr 2020 15:33

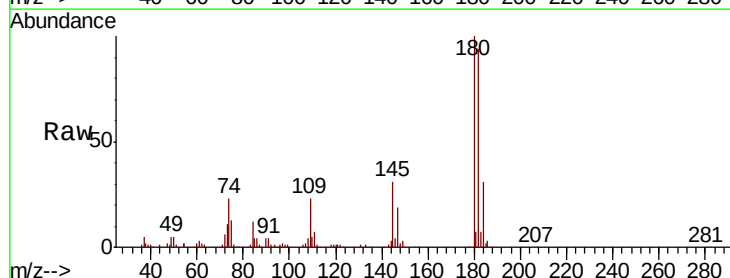
Tgt Ion:180 Resp: 280128

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 30.2 14.6 44.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

