

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065267.D
 Acq On : 21 Feb 2020 11:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 22 02:20:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	497860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	740672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	667647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	326052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	203438	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
35) Dibromofluoromethane	7.92	113	211670	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	10.34	98	833065	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.64	95	261847	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	218097	52.230	ug/l	99
3) Chloromethane	2.21	50	260212	48.958	ug/l	96
4) Vinyl Chloride	2.36	62	264415	48.924	ug/l	94
5) Bromomethane	2.78	94	160262	49.043	ug/l	95
6) Chloroethane	2.93	64	163559	49.578	ug/l	100
7) Trichlorofluoromethane	3.27	101	371333	47.990	ug/l	98
8) Diethyl Ether	3.71	74	110770	47.426	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	241829	49.490	ug/l	99
10) Methyl Iodide	4.30	142	270078	53.233	ug/l	98
11) Tert butyl alcohol	5.24	59	54672	204.278	ug/l	99
12) 1,1-Dichloroethene	4.06	96	228762	49.559	ug/l	96
13) Acrolein	3.92	56	78210	237.051	ug/l	97
14) Allyl chloride	4.71	41	370419	49.417	ug/l	99
15) Acrylonitrile	5.44	53	240198	232.283	ug/l	99
16) Acetone	4.16	43	274174	250.425	ug/l	94
17) Carbon Disulfide	4.40	76	768378	49.652	ug/l	98
18) Methyl Acetate	4.73	43	110538	44.891	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	459188	47.704	ug/l	100
20) Methylene Chloride	4.97	84	253829	52.290	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	263653	50.244	ug/l	100
22) Diisopropyl ether	6.37	45	721576	49.935	ug/l	99
23) Vinyl Acetate	6.31	43	1992340	250.094	ug/l	99
24) 1,1-Dichloroethane	6.27	63	437098	48.767	ug/l	99
25) 2-Butanone	7.22	43	324419	234.203	ug/l	100
26) 2,2-Dichloropropane	7.21	77	382250	49.154	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	275092	49.492	ug/l	99
28) Bromochloromethane	7.56	49	158368	47.626	ug/l	100
29) Tetrahydrofuran	7.57	42	191779	236.290	ug/l	99
30) Chloroform	7.71	83	436026	48.287	ug/l	97
31) Cyclohexane	7.98	56	418624	47.537	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	391495	48.457	ug/l	100
36) 1,1-Dichloropropene	8.11	75	358154	49.697	ug/l	99
37) Ethyl Acetate	7.30	43	132108	43.849	ug/l	98
38) Carbon Tetrachloride	8.10	117	359766	49.038	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	435227	51.369	ug/l	98
40) Benzene	8.36	78	1012043	49.752	ug/l	98
41) Methacrylonitrile	7.53	41	66240	38.079	ug/l #	86
42) 1,2-Dichloroethane	8.43	62	264162	47.237	ug/l	100
43) Isopropyl Acetate	8.46	43	252400	46.070	ug/l	98
44) Trichloroethene	9.11	130	276655	49.064	ug/l	97
45) 1,2-Dichloropropane	9.39	63	248984	49.224	ug/l	98
46) Dibromomethane	9.48	93	126179	48.483	ug/l	98
47) Bromodichloromethane	9.67	83	332119	48.424	ug/l	97
48) Methyl methacrylate	9.46	41	133131	52.571	ug/l	95
49) 1,4-Dioxane	9.47	88	27530	901.922	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	654487	235.202	ug/l	99
52) Toluene	10.41	92	650611	51.672	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	313023	49.239	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	381606	49.710	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	175707	47.967	ug/l	97
56) Ethyl methacrylate	10.67	69	211475	50.018	ug/l	99
57) 1,3-Dichloropropane	10.95	76	306887	49.224	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	291323	218.553	ug/l	100
59) 2-Hexanone	10.99	43	494138	248.068	ug/l	97
60) Dibromochloromethane	11.14	129	224789	47.945	ug/l	99
61) 1,2-Dibromoethane	11.25	107	168092	48.466	ug/l	98
64) Tetrachloroethene	10.88	164	235802	49.798	ug/l	95
65) Chlorobenzene	11.68	112	662799	49.470	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	247268	49.456	ug/l	99
67) Ethyl Benzene	11.75	91	1208279	51.492	ug/l	100
68) m/p-Xylenes	11.86	106	930901	103.692	ug/l	100
69) o-Xylene	12.18	106	416066	52.311	ug/l	98
70) Styrene	12.20	104	735662	52.095	ug/l	100
71) Bromoform	12.37	173	130277	46.957	ug/l #	100
73) Isopropylbenzene	12.48	105	1144682	53.029	ug/l	100
74) N-amyl acetate	12.30	43	227147	47.356	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	183391	47.074	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	238778	86.073	ug/l #	100
77) Bromobenzene	12.77	156	267207	49.850	ug/l	99
78) n-propylbenzene	12.83	91	1369123	52.779	ug/l	99
79) 2-Chlorotoluene	12.91	91	742348	51.083	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	930124	52.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	59397	46.230	ug/l	96
82) 4-Chlorotoluene	13.01	91	784313	50.838	ug/l	99
83) tert-Butylbenzene	13.23	119	779292	52.298	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	923181	51.878	ug/l	100
85) sec-Butylbenzene	13.41	105	1112739	51.824	ug/l	99
86) p-Isopropyltoluene	13.53	119	1030608	52.487	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	511808	49.390	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	500436	48.931	ug/l	99
89) n-Butylbenzene	13.86	91	957703	52.929	ug/l	99
90) Hexachloroethane	14.12	117	196203	49.211	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	435267	48.920	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	26162	43.577	ug/l	93

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
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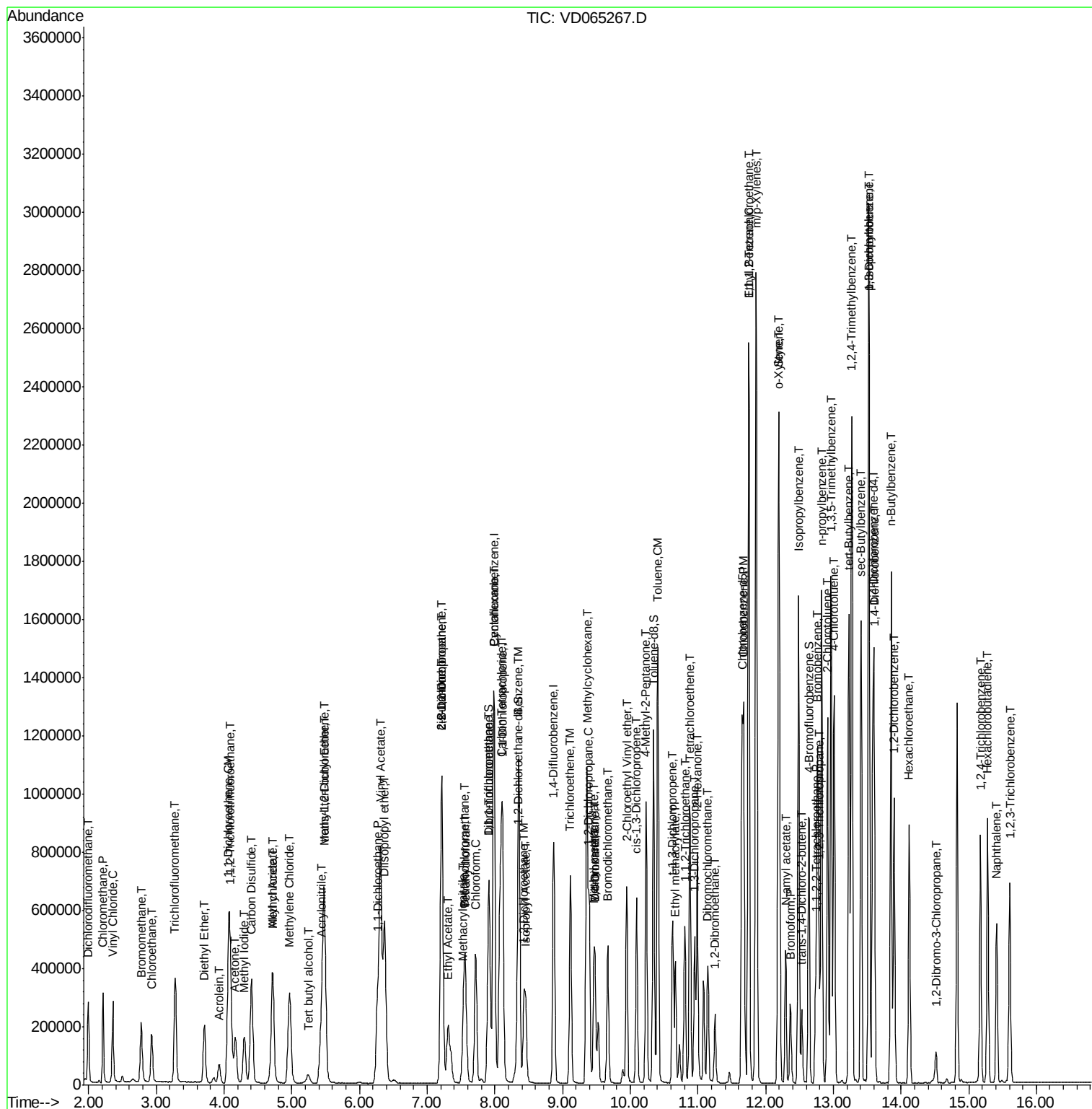
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	297485	51.114	ug/l	99
94) Hexachlorobutadiene	15.28	225	183127	49.050	ug/l	99
95) Naphthalene	15.41	128	480553	50.790	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	255090	50.185	ug/l	99

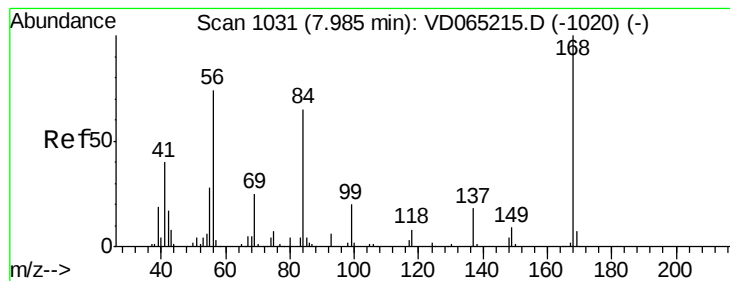
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

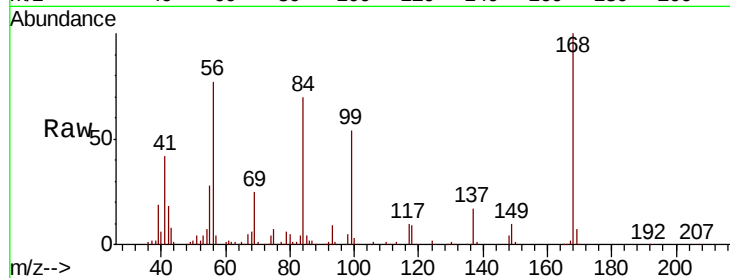
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 497860

Ion Ratio Lower Upper

168 100

99 53.9 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

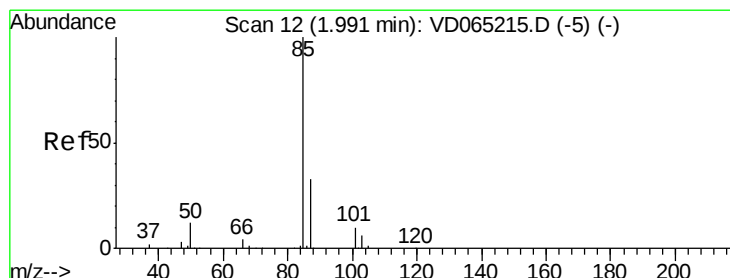
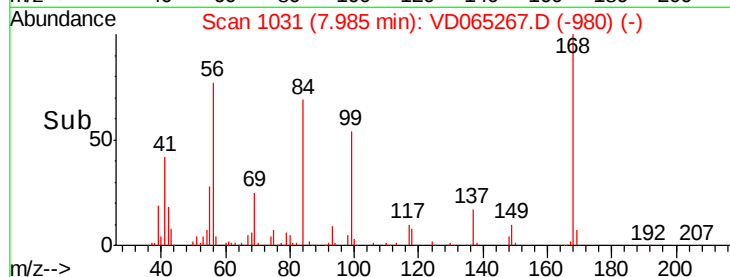
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.230 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065267.D

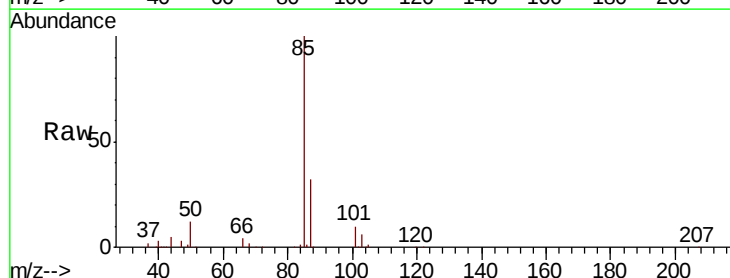
Acq: 21 Feb 2020 11:00

Tgt Ion: 85 Resp: 218097

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

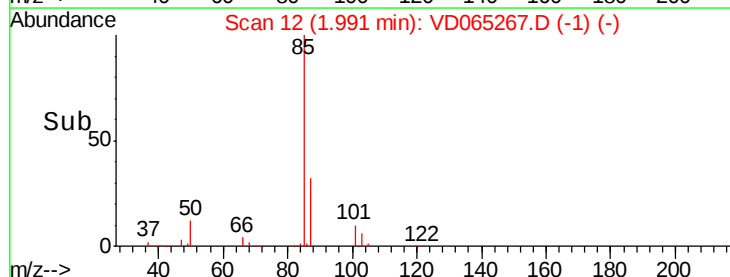
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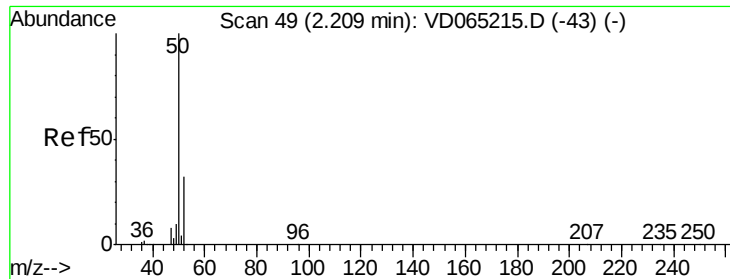
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.958 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

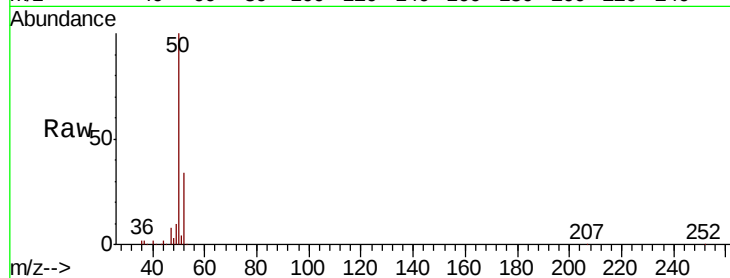
ClientSampleId :

Tot Ion: 50 Resp: 260212

Ion Ratio Lower Upper

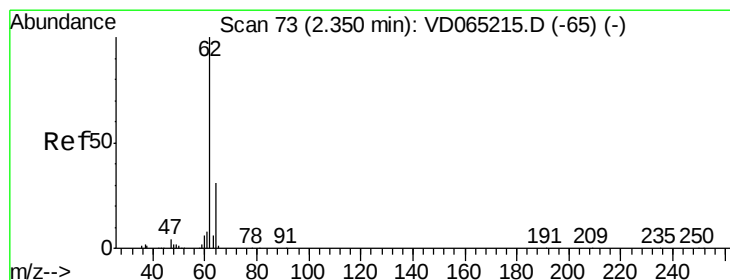
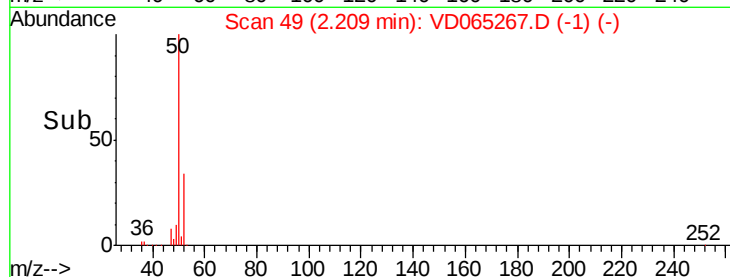
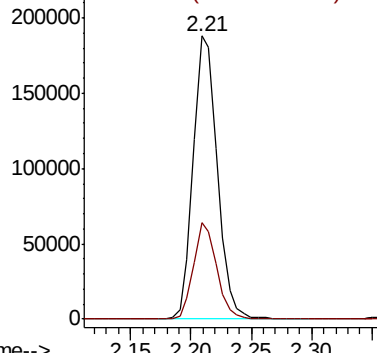
50 100

52 33.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.924 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD065267.D

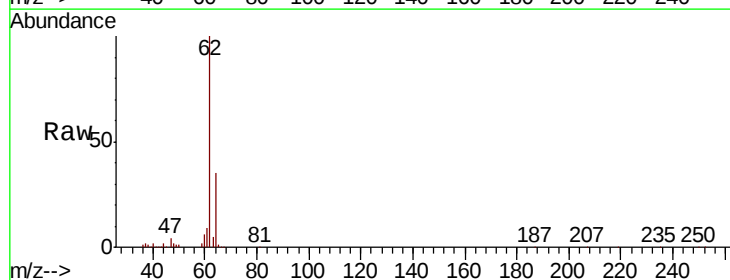
Acq: 21 Feb 2020 11:00

Tgt Ion: 62 Resp: 264415

Ion Ratio Lower Upper

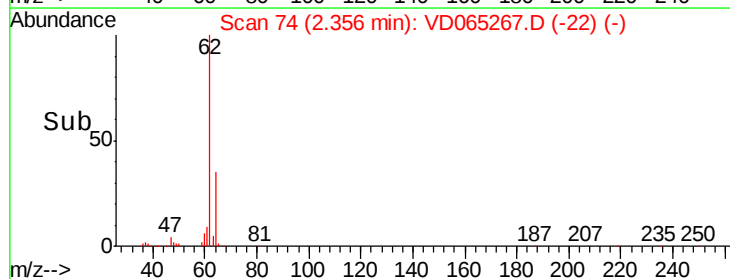
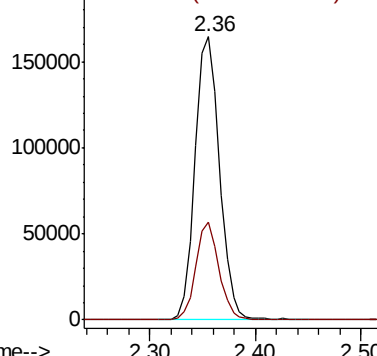
62 100

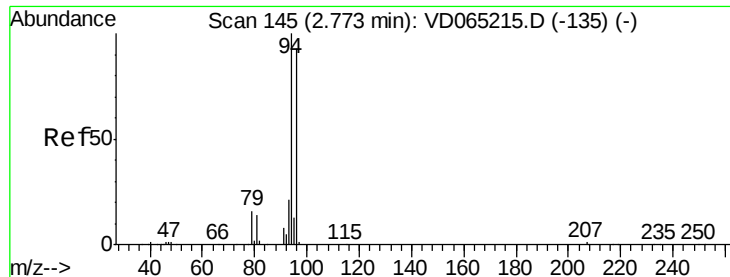
64 34.5 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.043 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

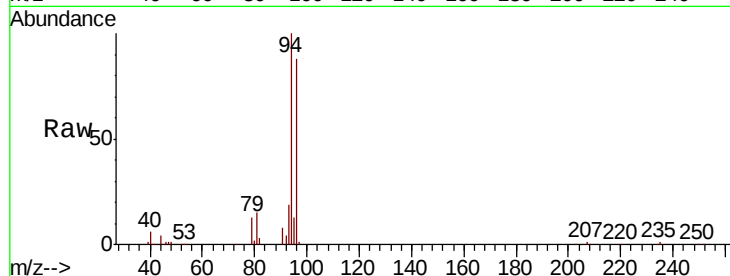
ClientSampleId :

Tot Ion: 94 Resp: 160262

Ion Ratio Lower Upper

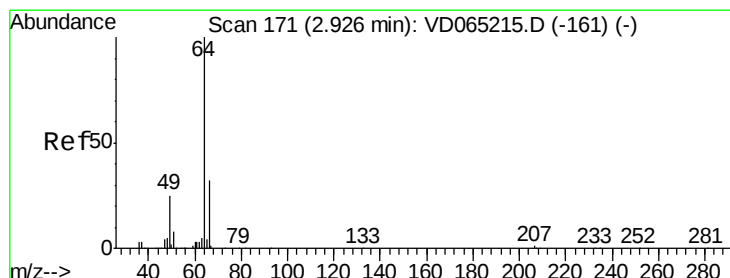
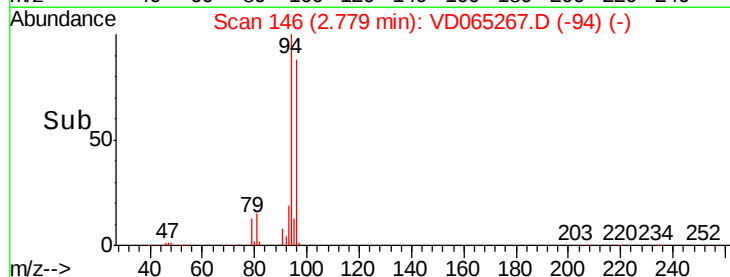
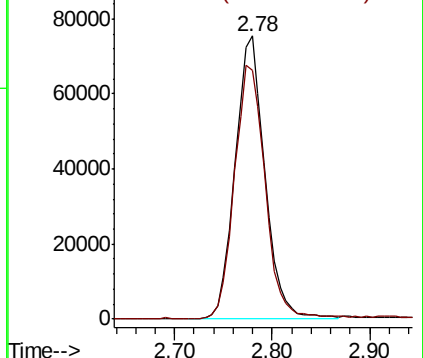
94 100

96 88.1 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.578 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065267.D

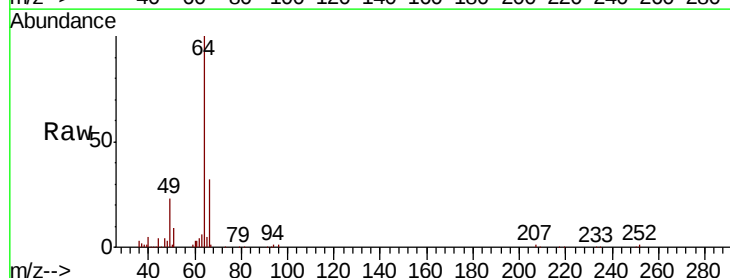
Acq: 21 Feb 2020 11:00

Tgt Ion: 64 Resp: 163559

Ion Ratio Lower Upper

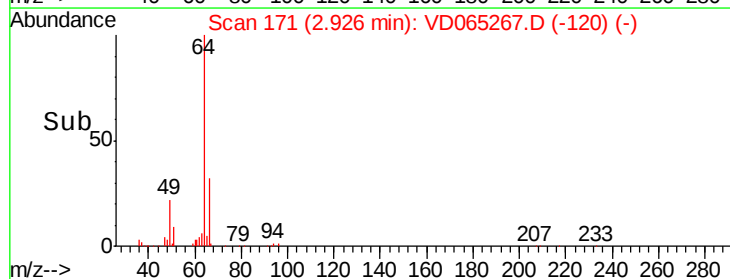
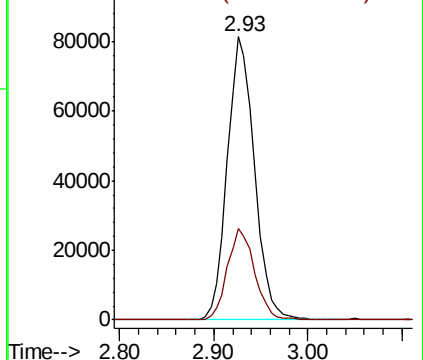
64 100

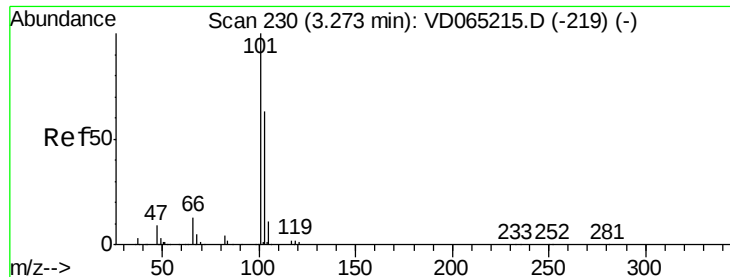
66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



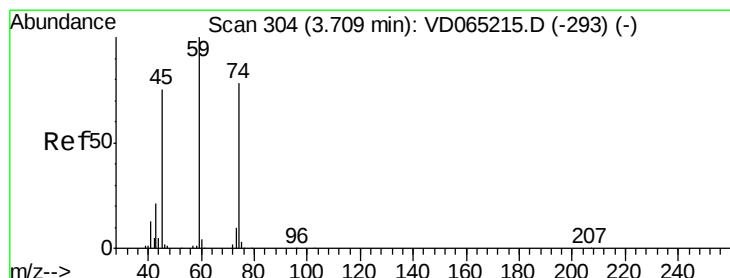
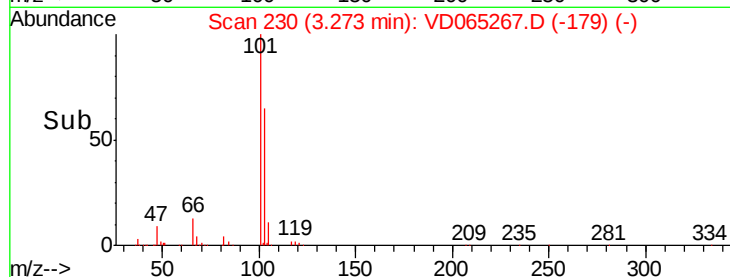
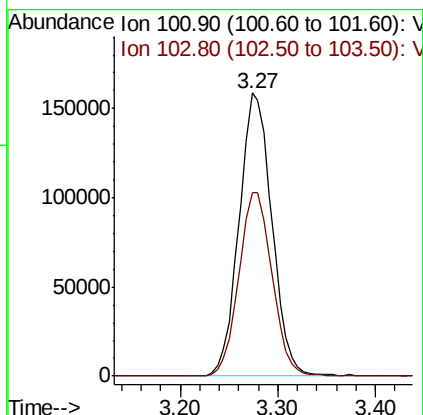
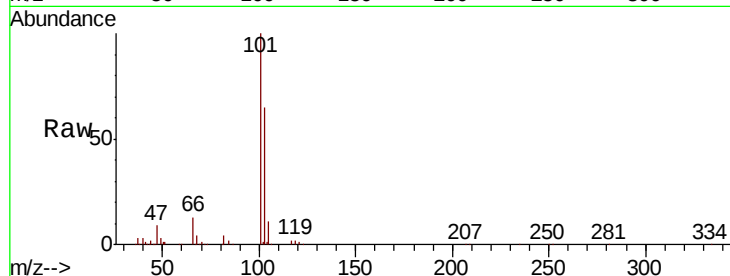


#7

Trichlorofluoromethane
Concen: 47.990 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :

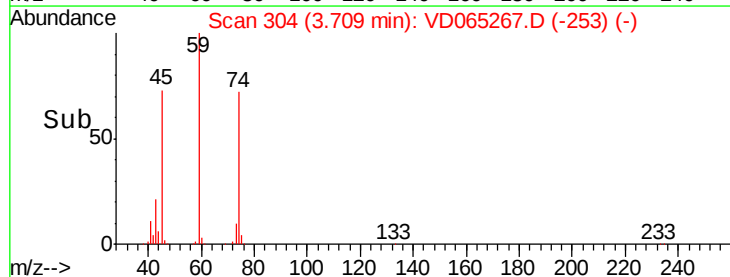
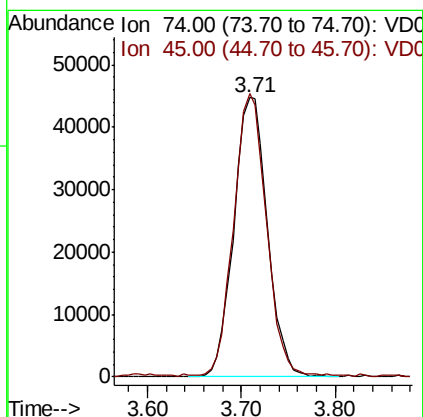
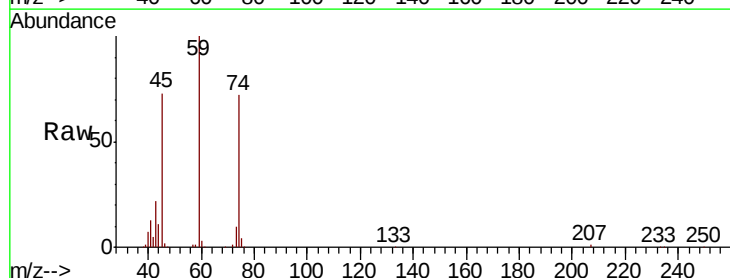
Tot Ion:101 Resp: 371333
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

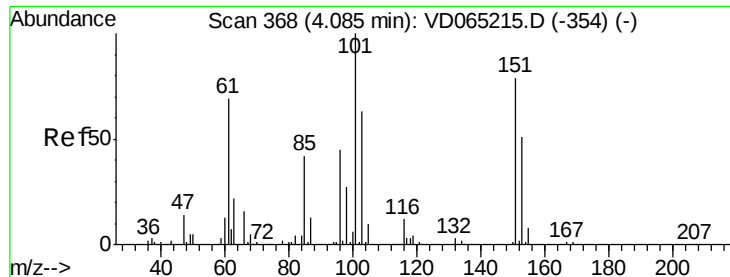


#8

Diethyl Ether
Concen: 47.426 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 74 Resp: 110770
Ion Ratio Lower Upper
74 100
45 97.6 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.490 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

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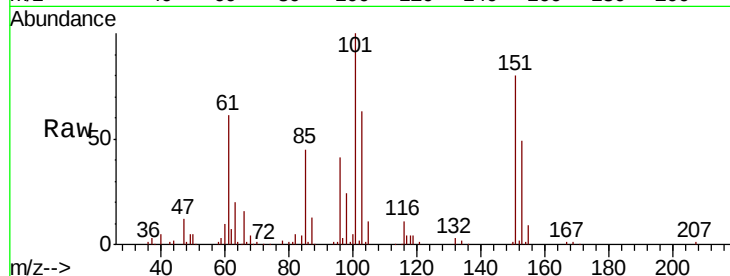
Tot Ion:101 Resp: 241829

Ion Ratio Lower Upper

101 100

85 41.7 34.2 51.2

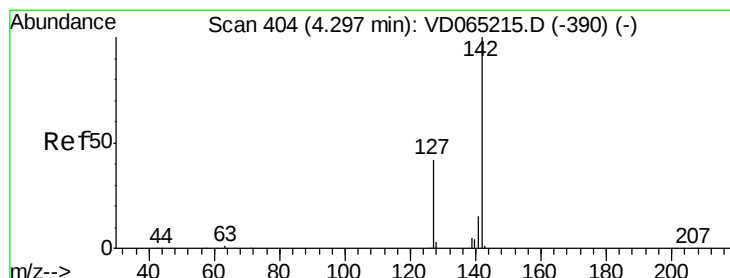
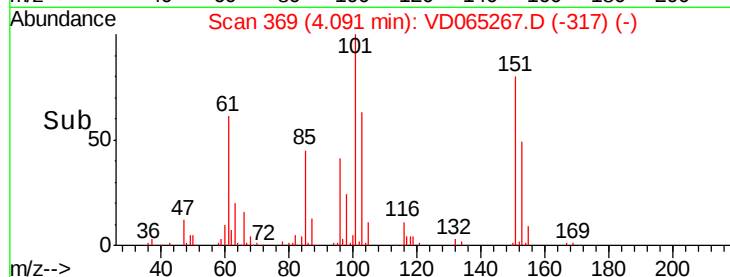
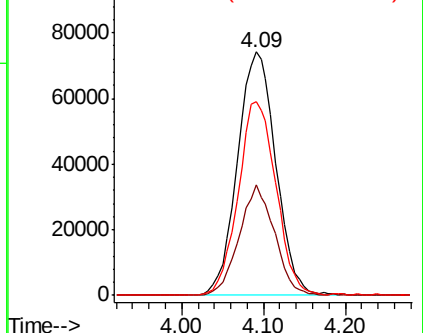
151 78.5 63.5 95.3



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: 53.233 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

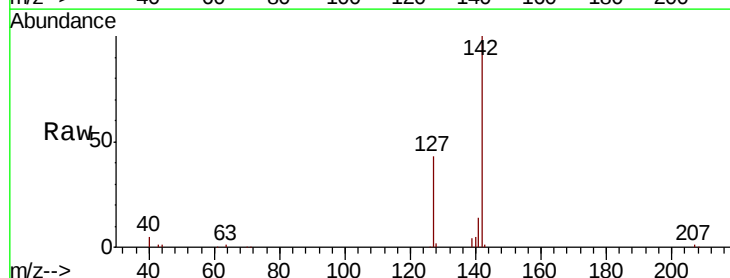
Tgt Ion:142 Resp: 270078

Ion Ratio Lower Upper

142 100

127 43.9 33.8 50.8

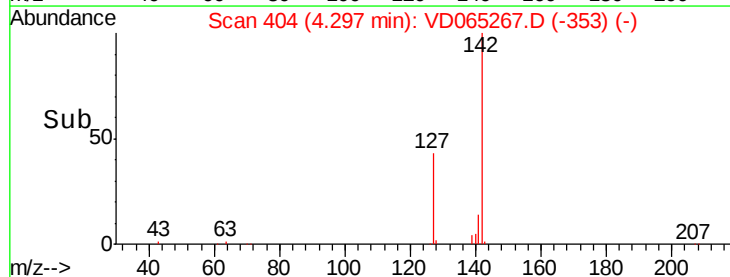
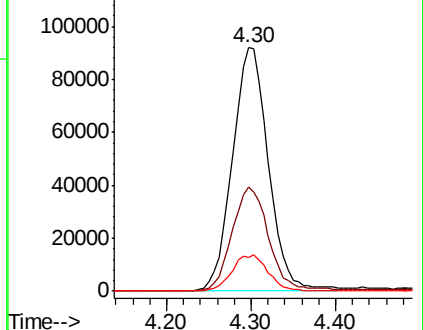
141 14.8 11.7 17.5

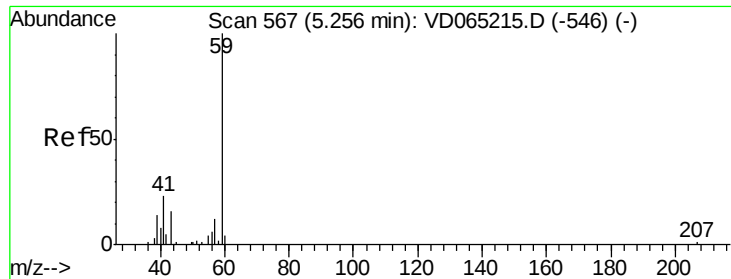


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



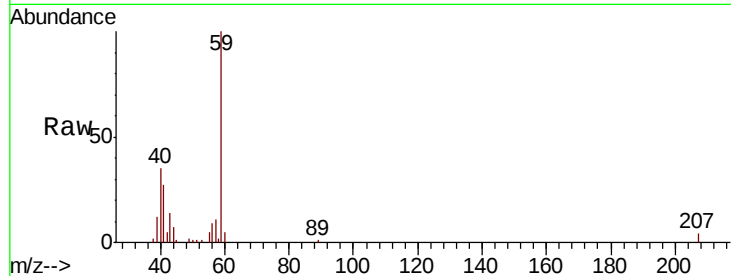


#11

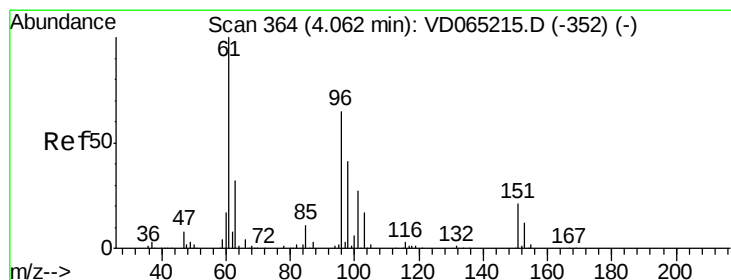
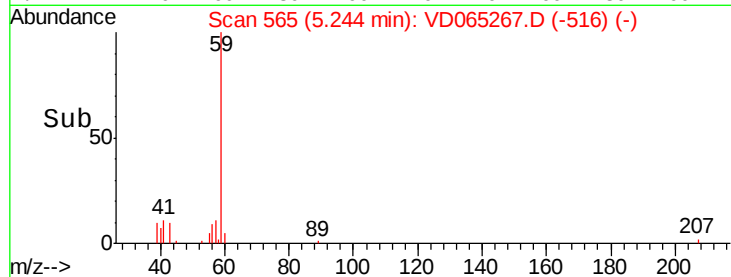
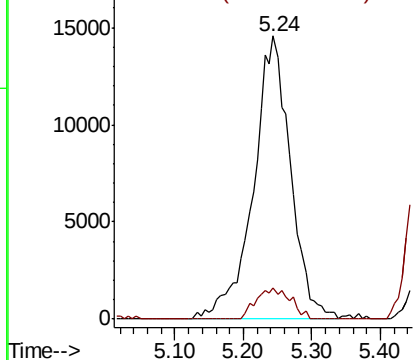
Tert butyl alcohol
Concen: 204.278 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 59 Resp: 54672
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



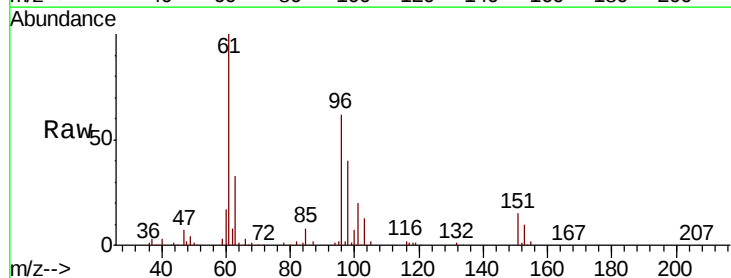
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



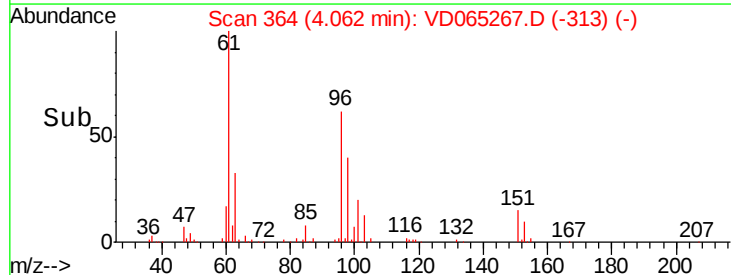
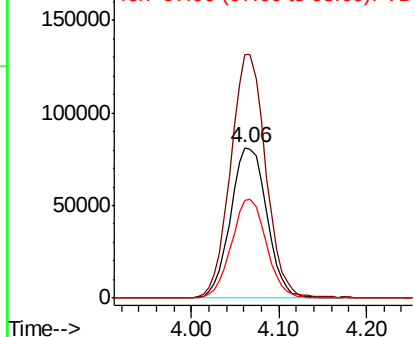
#12

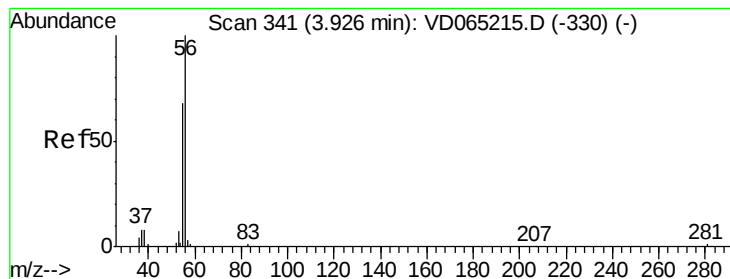
1,1-Dichloroethene
Concen: 49.559 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 96 Resp: 228762
Ion Ratio Lower Upper
96 100
61 161.4 123.3 184.9
98 65.0 51.0 76.4



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





#13

Acrolein

Concen: 237.051 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

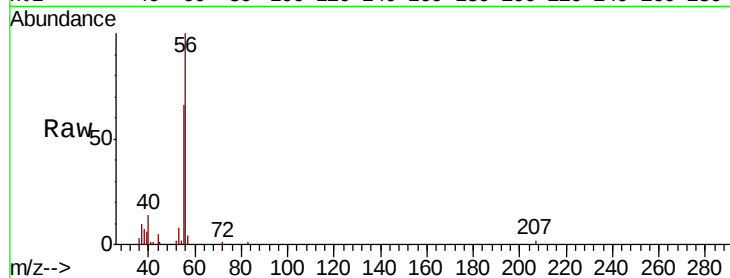
ClientSampleId :

Tot Ion: 56 Resp: 78210

Ion Ratio Lower Upper

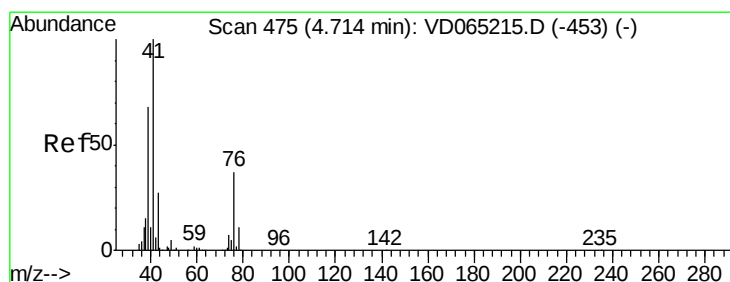
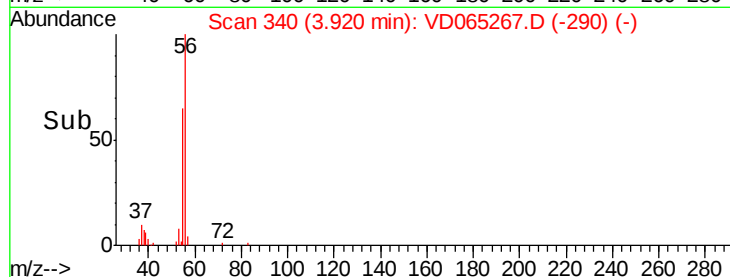
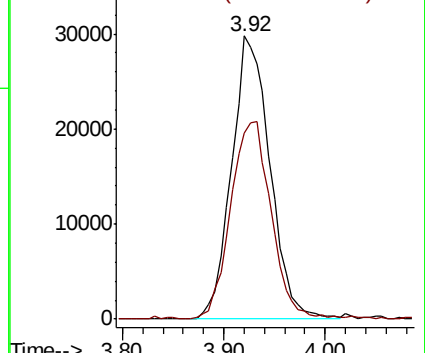
56 100

55 73.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.417 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

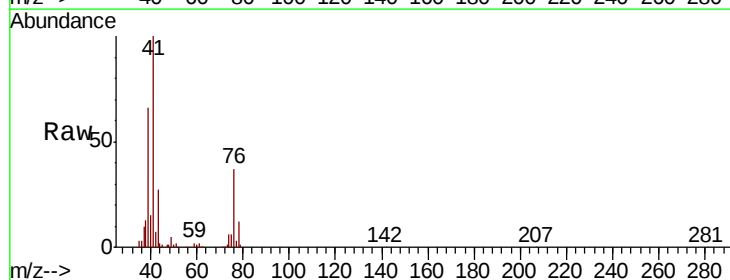
Tgt Ion: 41 Resp: 370419

Ion Ratio Lower Upper

41 100

39 66.0 53.8 80.6

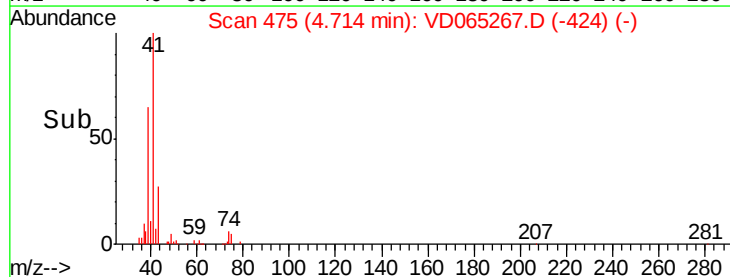
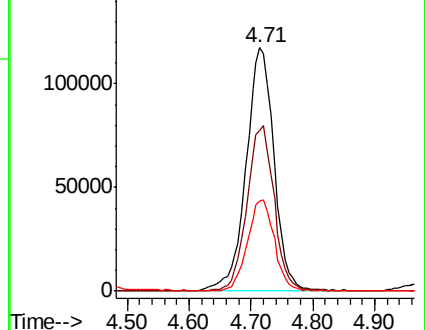
76 35.4 28.7 43.1

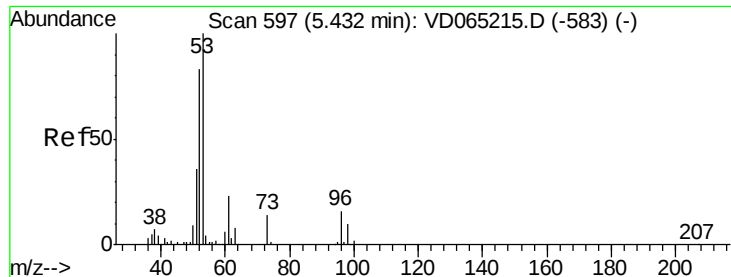


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 232.283 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

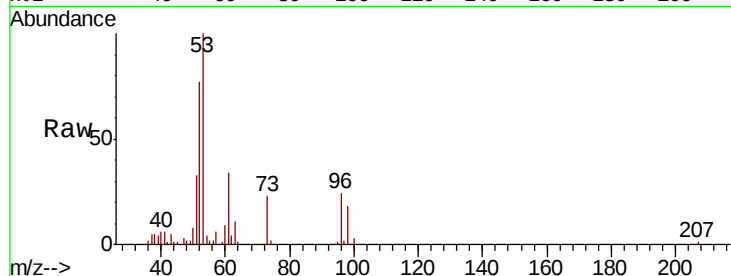
Tot Ion: 53 Resp: 240198

Ion Ratio Lower Upper

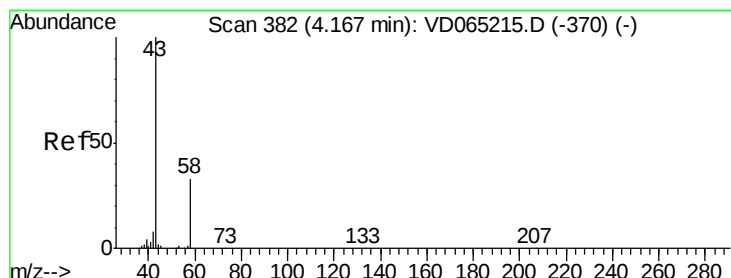
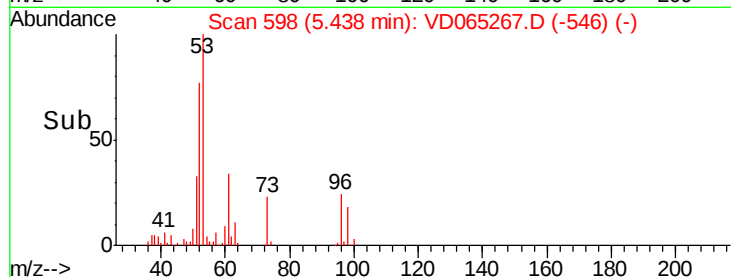
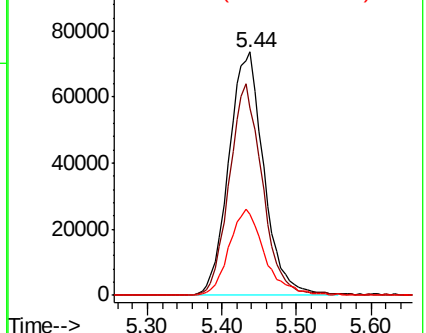
53 100

52 82.3 65.4 98.2

51 35.9 29.5 44.3



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



#16

Acetone

Concen: 250.425 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065267.D

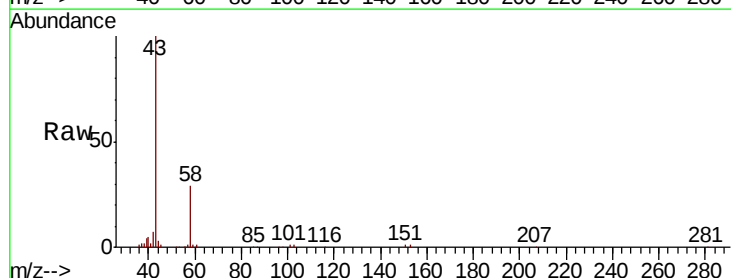
Acq: 21 Feb 2020 11:00

Tgt Ion: 43 Resp: 274174

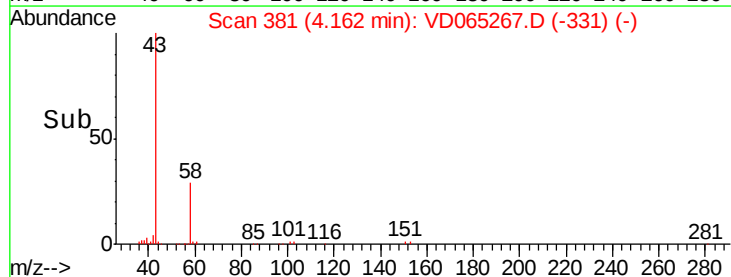
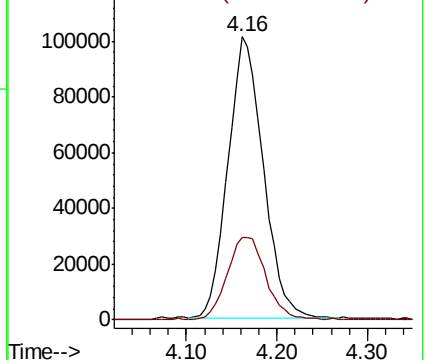
Ion Ratio Lower Upper

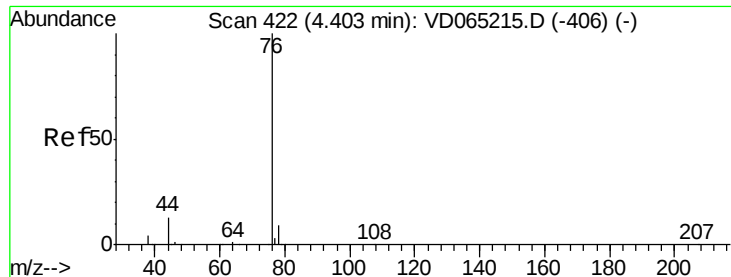
43 100

58 29.1 26.2 39.2



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

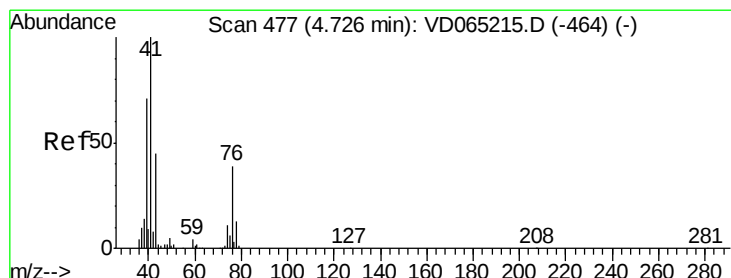
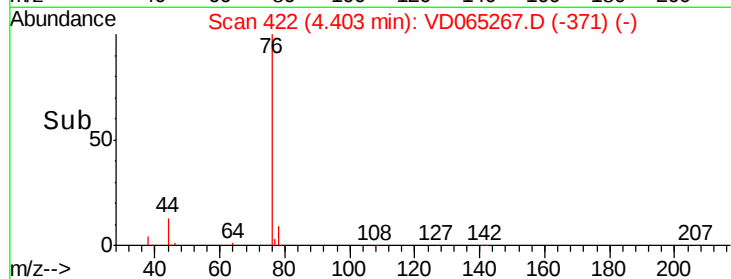
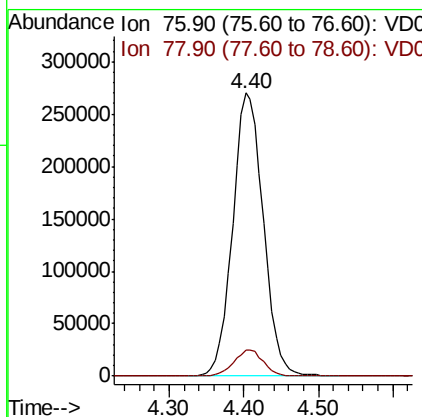
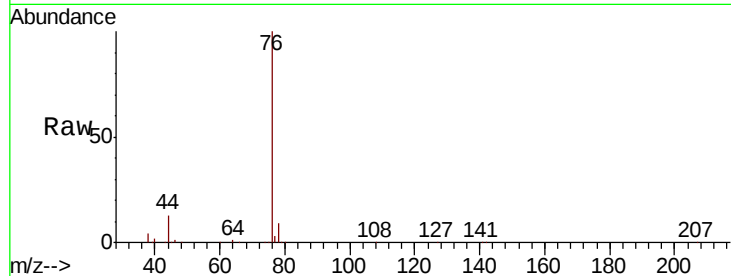




#17
Carbon Disulfide
Concen: 49.652 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

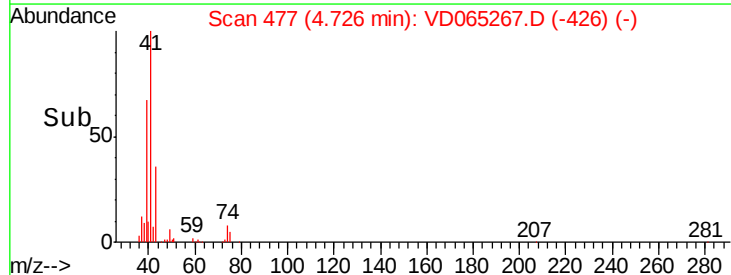
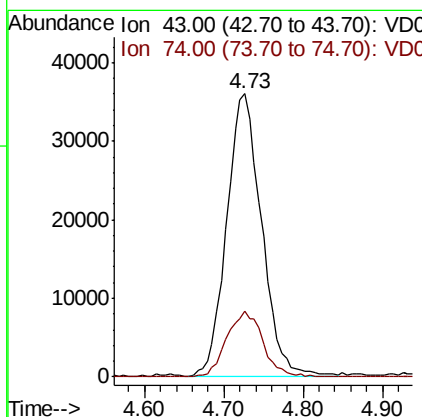
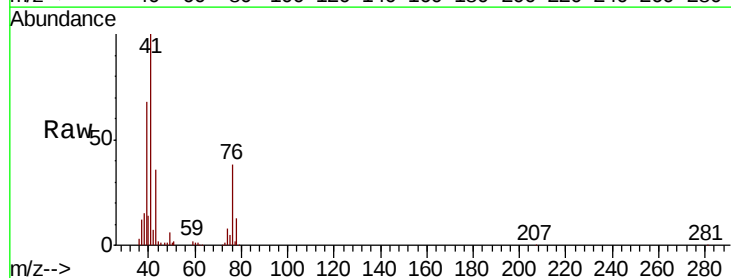
Instrument :
MSVOA_D
ClientSampleId :

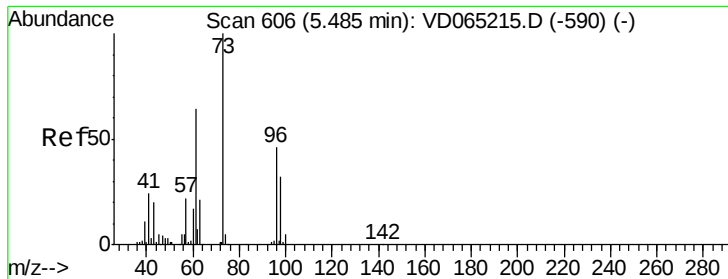
Tot Ion: 76 Resp: 768378
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 44.891 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 43 Resp: 110538
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2

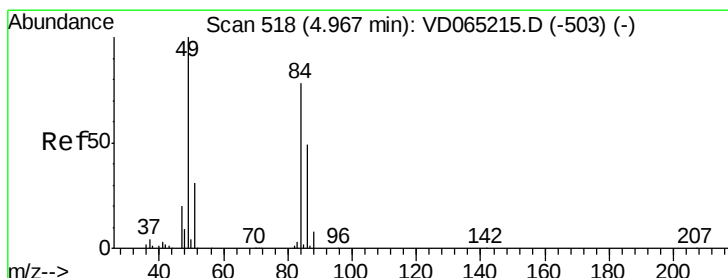
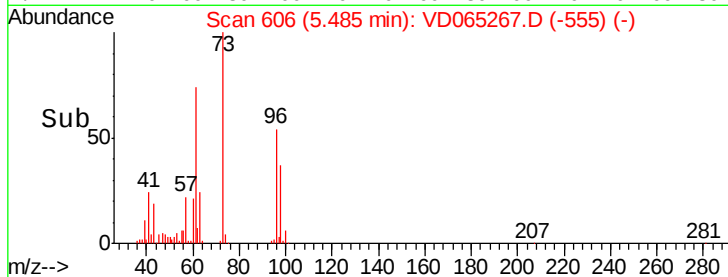
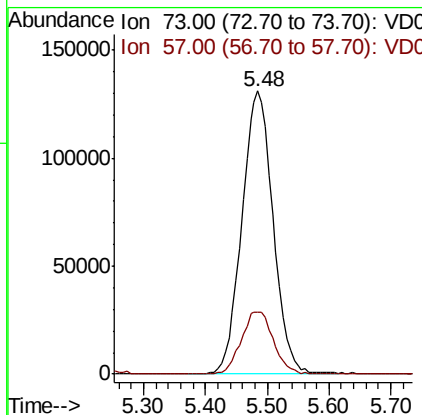
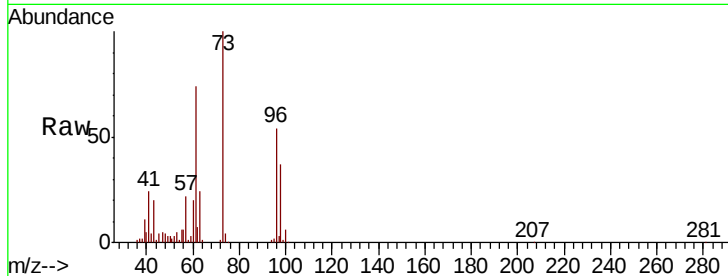




#19
Methyl tert-butyl Ether
Concen: 47.704 ug/l
RT: 5.48 min Scan# 606
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

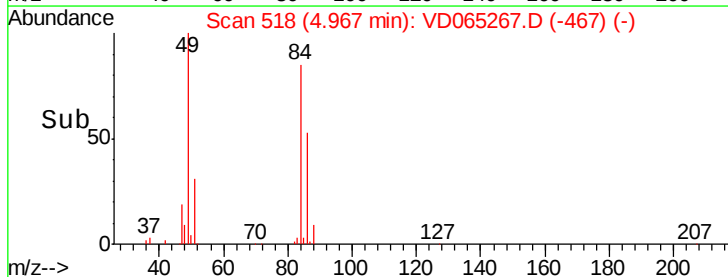
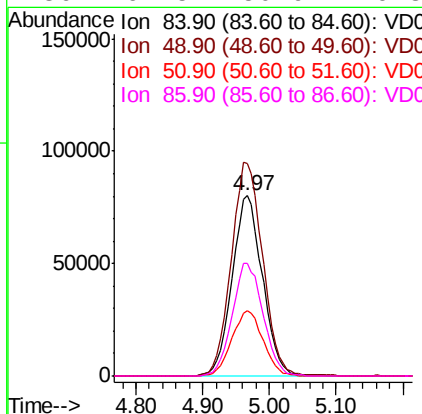
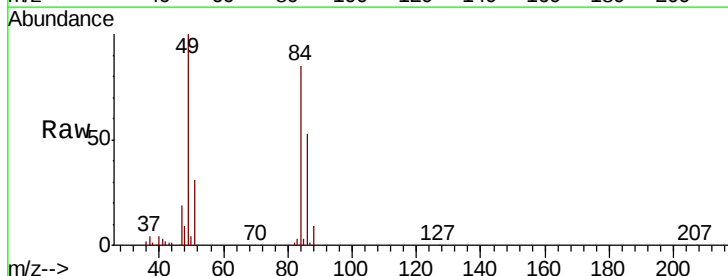
Instrument :
MSVOA_D
ClientSampleId :

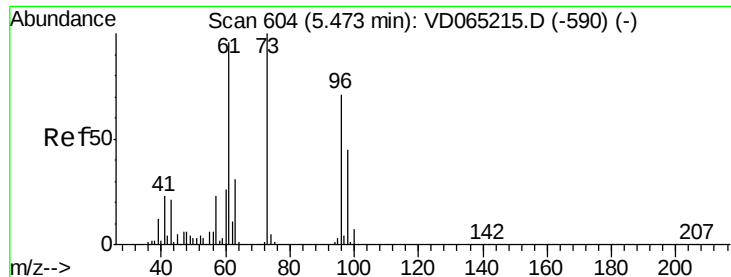
Tot Ion: 73 Resp: 459188
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 52.290 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 84 Resp: 253829
Ion Ratio Lower Upper
84 100
49 117.8 103.1 154.7
51 36.3 31.7 47.5
86 62.5 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 50.244 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

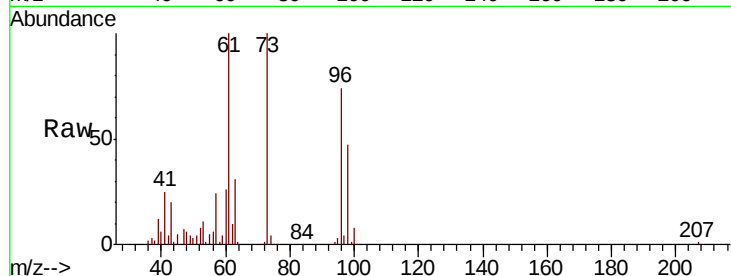
Tot Ion: 96 Resp: 263653

Ion Ratio Lower Upper

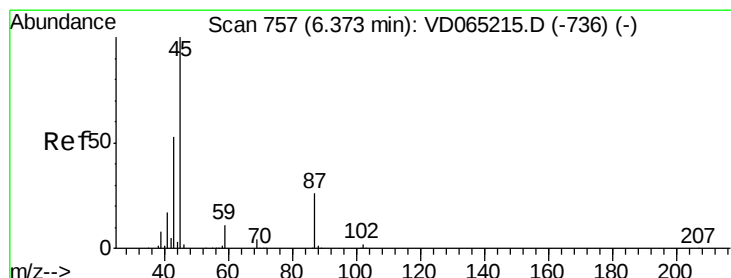
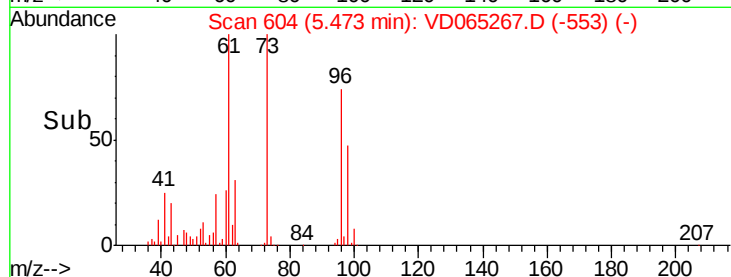
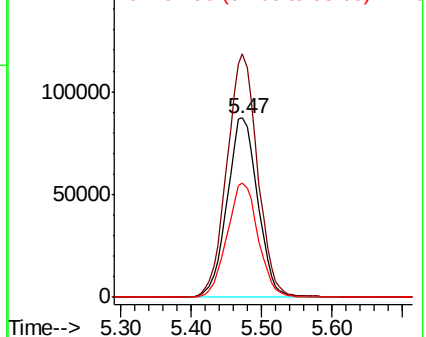
96 100

61 135.6 108.3 162.5

98 63.7 50.7 76.1



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: 49.935 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Tgt Ion: 45 Resp: 721576

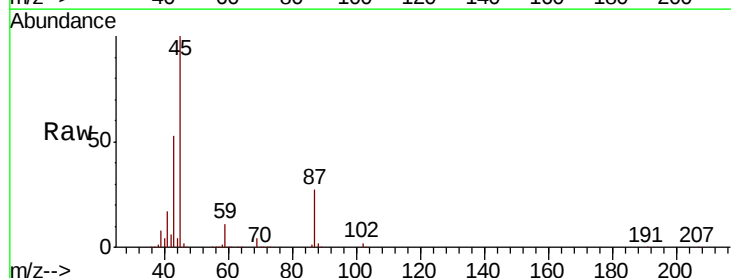
Ion Ratio Lower Upper

45 100

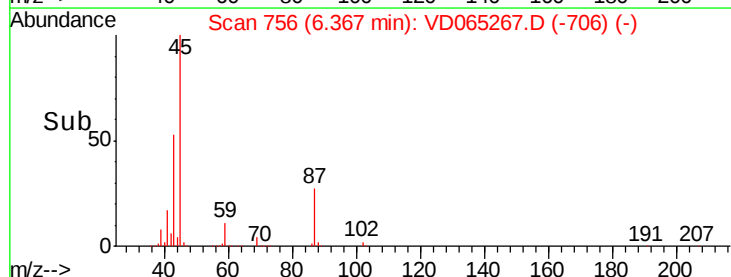
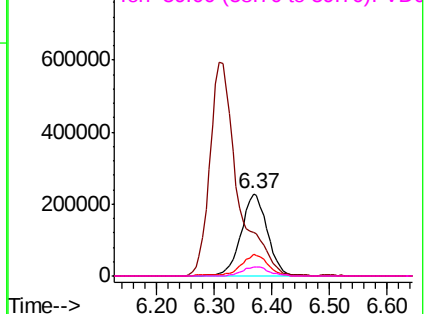
43 51.8 42.6 64.0

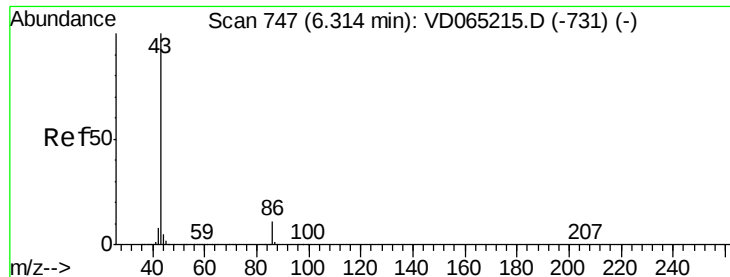
87 26.4 21.2 31.8

59 11.5 8.9 13.3



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: 250.094 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

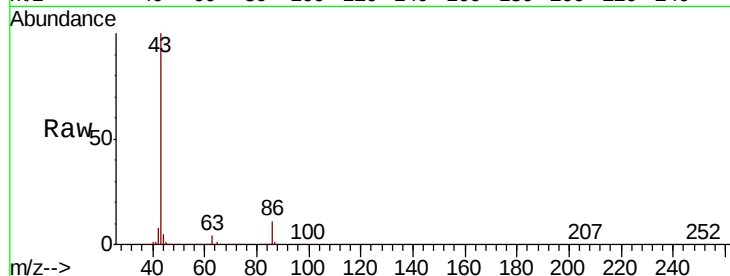
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 1992340

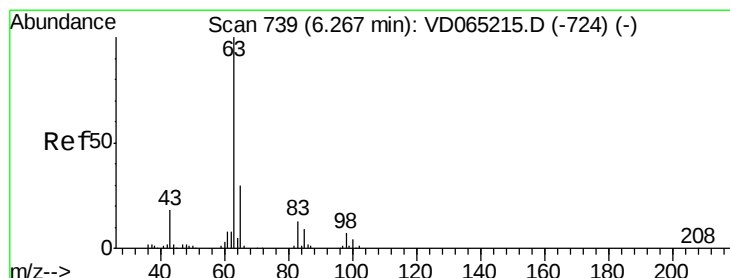
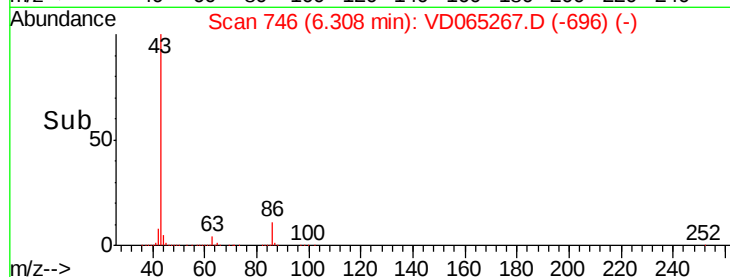
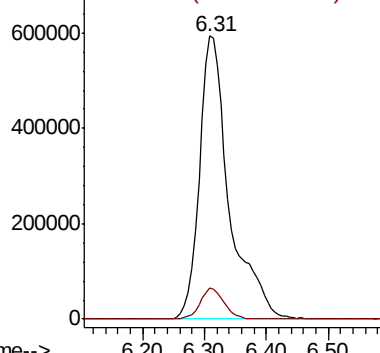
Ion Ratio Lower Upper

43 100

86 11.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.767 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

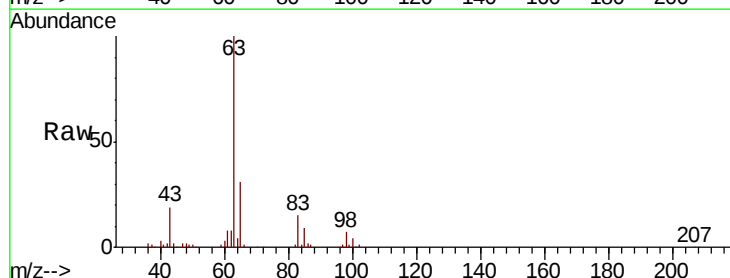
Tgt Ion: 63 Resp: 437098

Ion Ratio Lower Upper

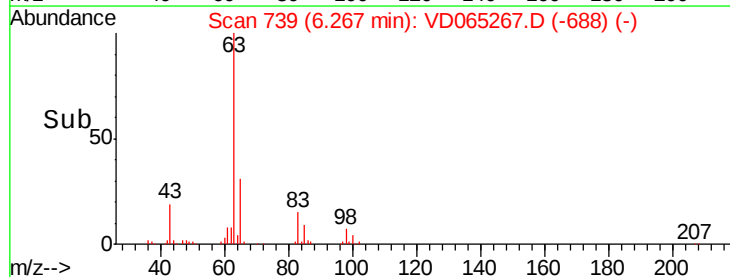
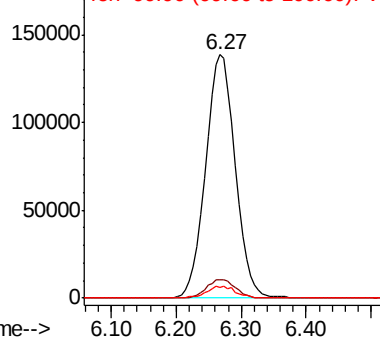
63 100

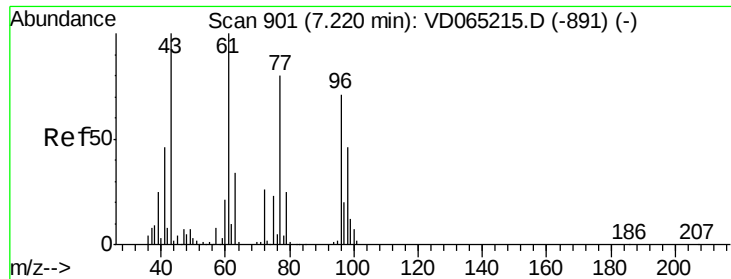
98 7.4 3.4 10.1

100 4.4 2.3 6.8



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: 234.203 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

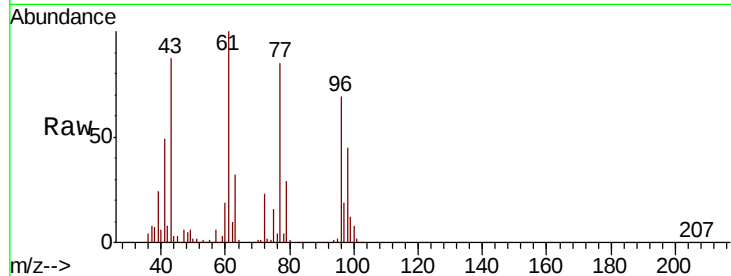
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 324419

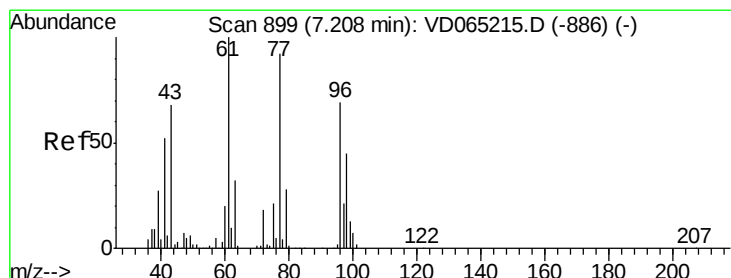
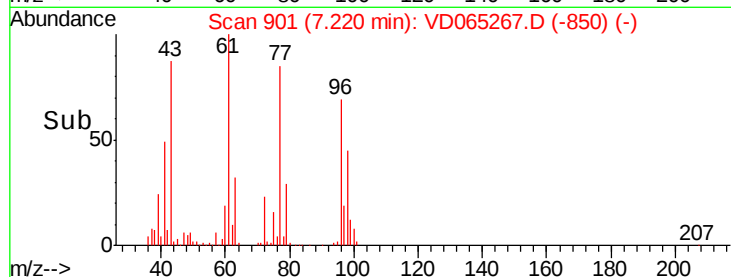
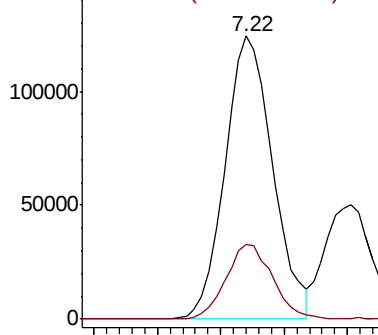
Ion Ratio Lower Upper

43 100

72 26.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 49.154 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065267.D

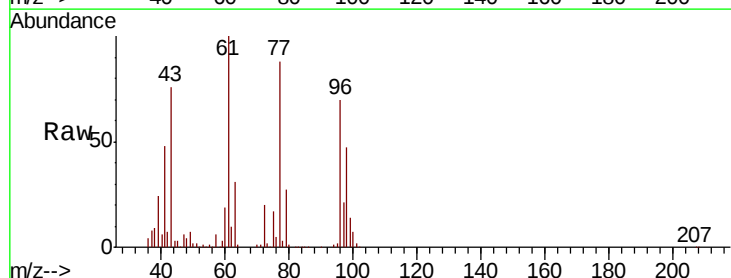
Acq: 21 Feb 2020 11:00

Tgt Ion: 77 Resp: 382250

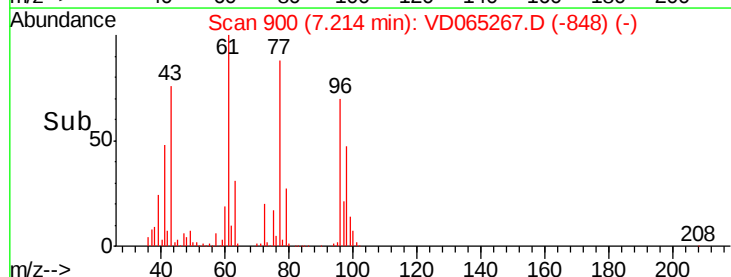
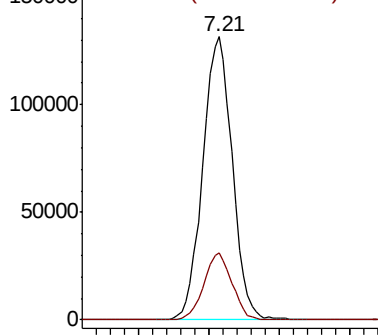
Ion Ratio Lower Upper

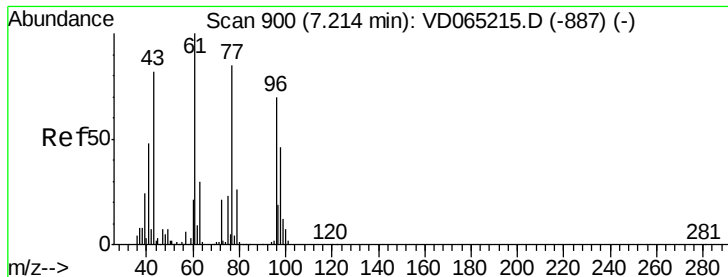
77 100

97 22.7 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC
Ion 96.90 (96.60 to 97.60): VDC



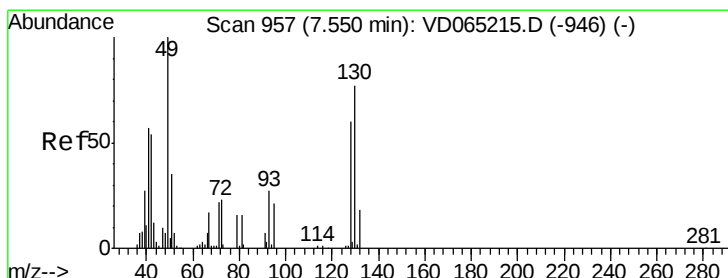
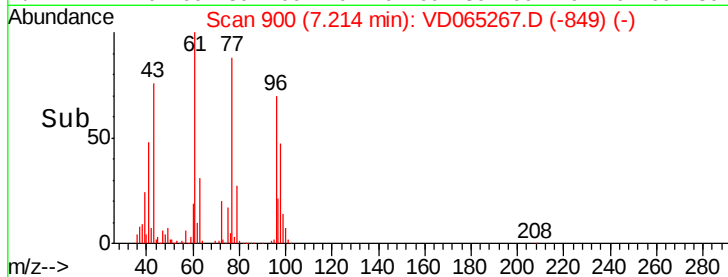
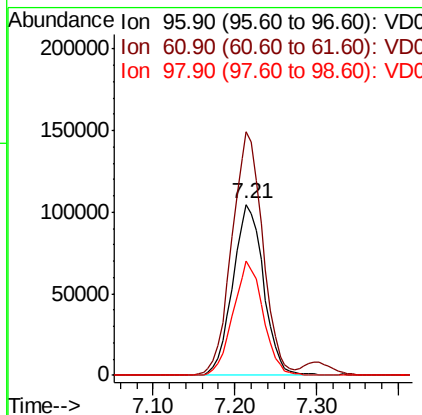
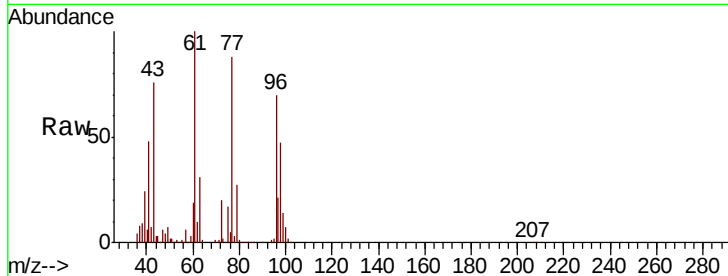


#27

cis-1,2-Dichloroethene
Concen: 49.492 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :

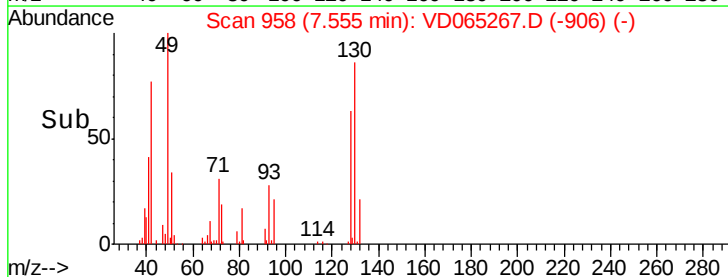
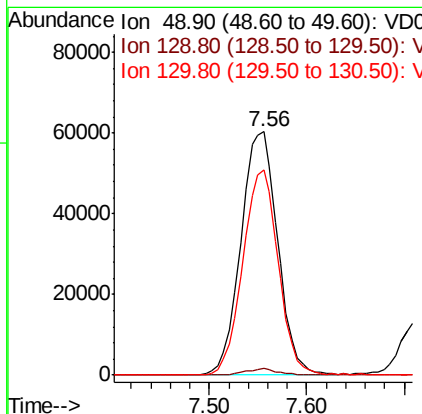
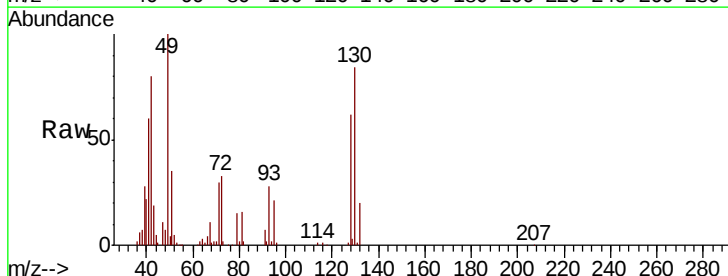
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.0
98	65.0	0.0	127.8

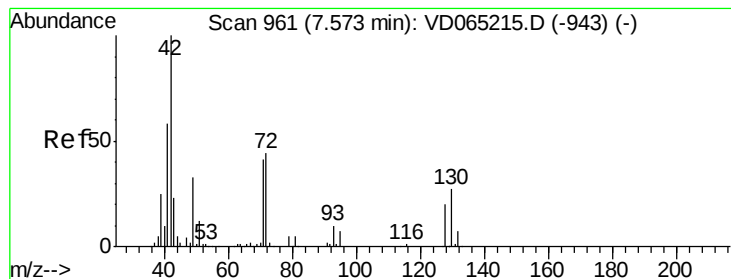


#28

Bromochloromethane
Concen: 47.626 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	80.9	64.7	97.1





#29

Tetrahydrofuran

Concen: 236.290 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :

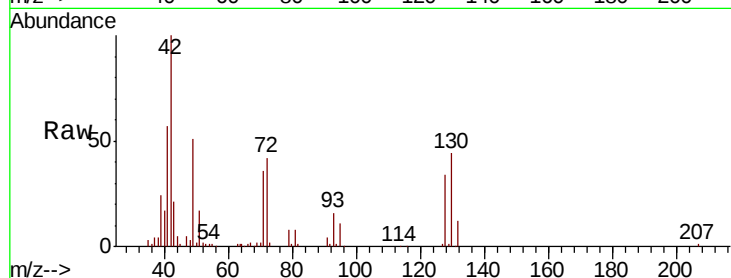
Tot Ion: 42 Resp: 191779

Ion Ratio Lower Upper

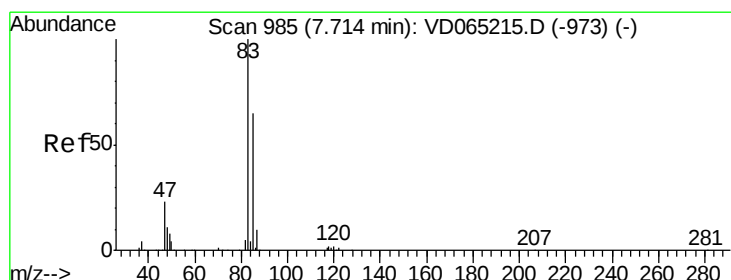
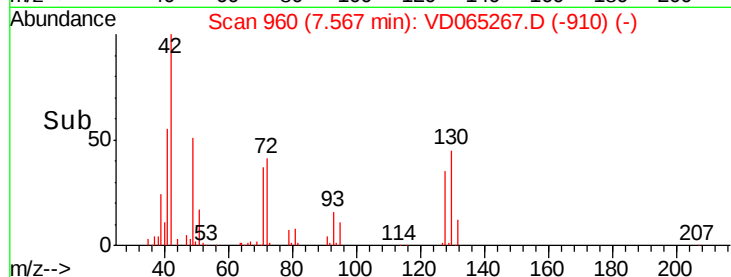
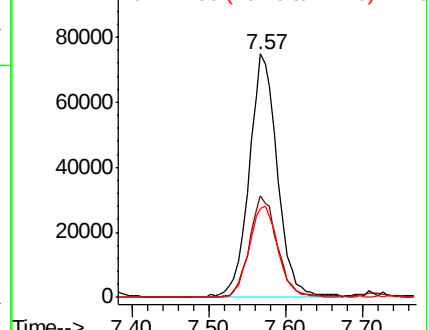
42 100

72 41.1 33.7 50.5

71 38.4 31.4 47.2



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



#30

Chloroform

Concen: 48.287 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD065267.D

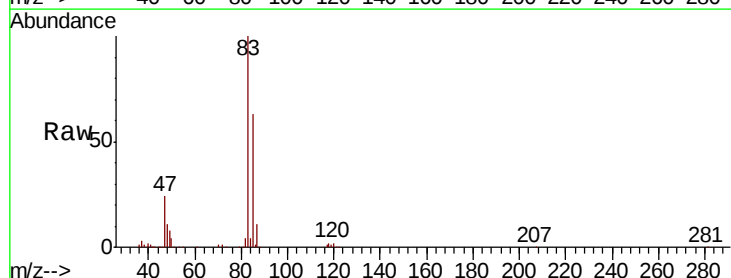
Acq: 21 Feb 2020 11:00

Tgt Ion: 83 Resp: 436026

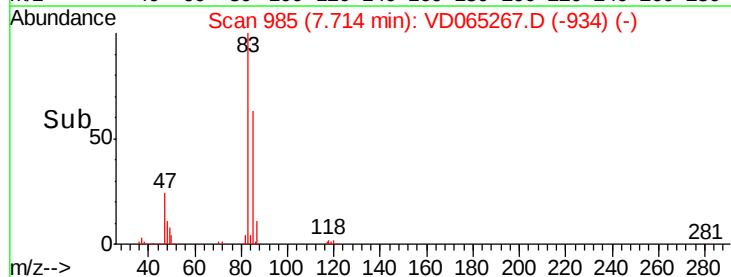
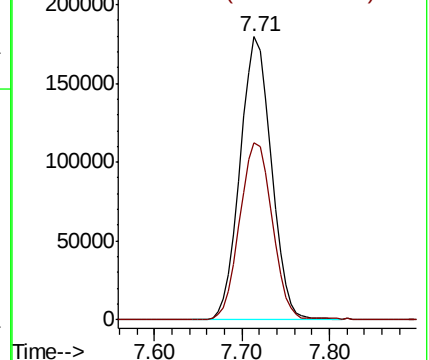
Ion Ratio Lower Upper

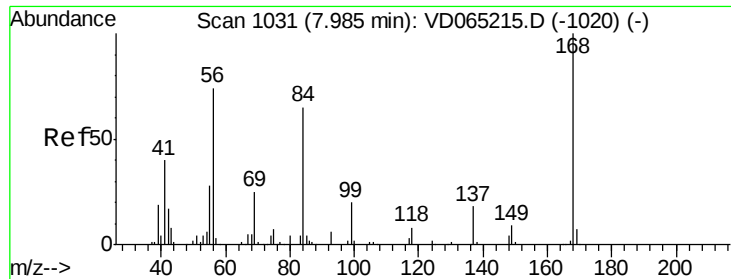
83 100

85 62.6 52.3 78.5



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

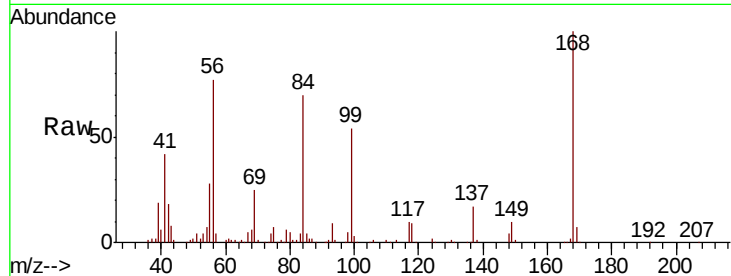




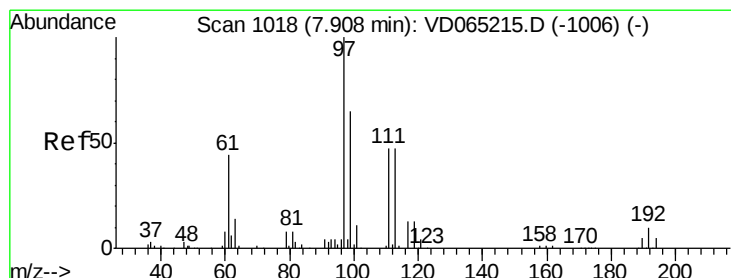
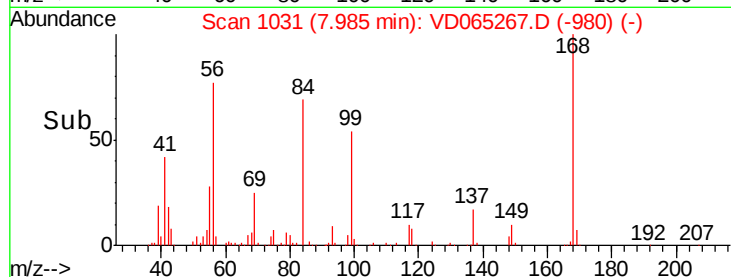
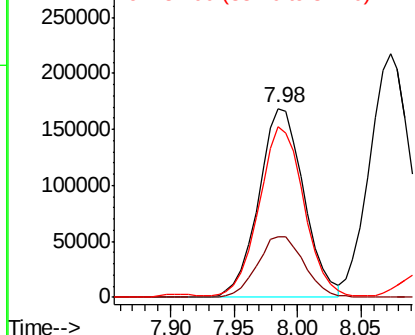
#31
Cyclohexane
Concen: 47.537 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 418624
Ion Ratio Lower Upper
56 100
69 32.3 27.4 41.0
84 88.7 71.1 106.7

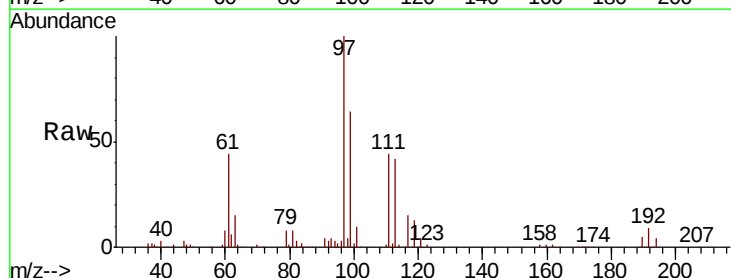


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

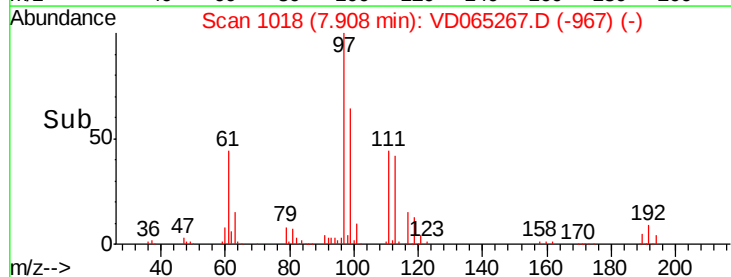
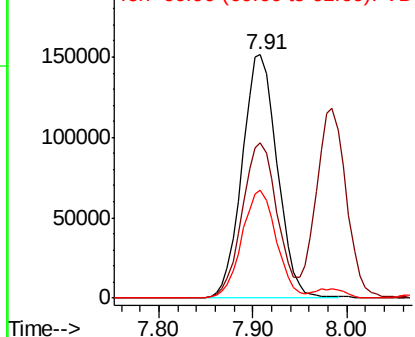


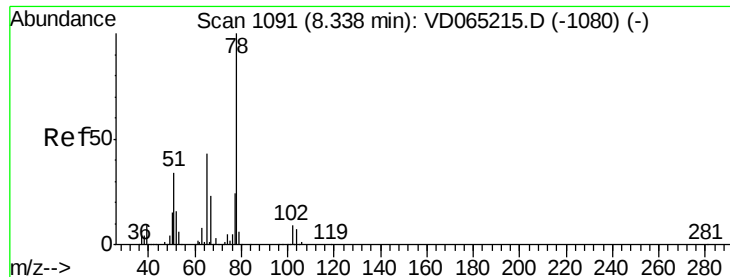
#32
1,1,1-Trichloroethane
Concen: 48.457 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 97 Resp: 391495
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 43.7 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

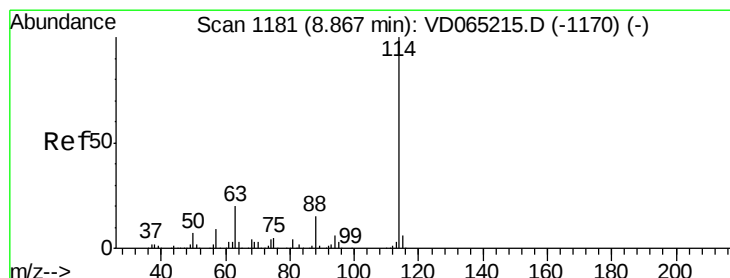
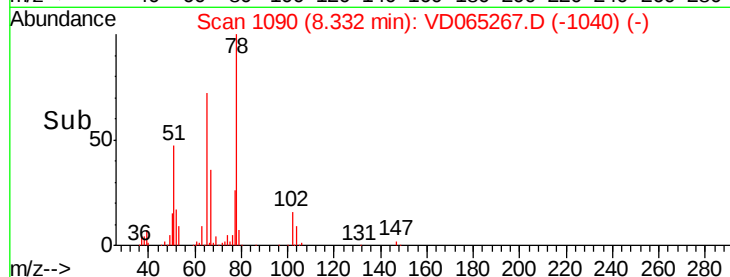
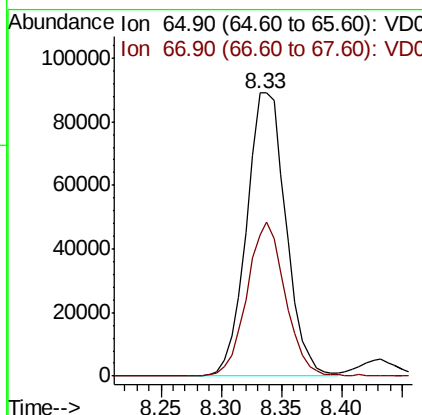
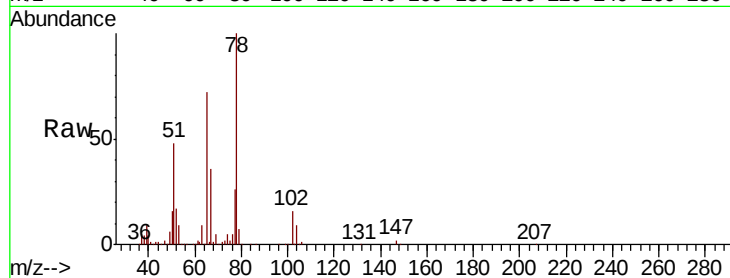




#33
 1,2-Dichloroethane-d4
 Concen: 45.422 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

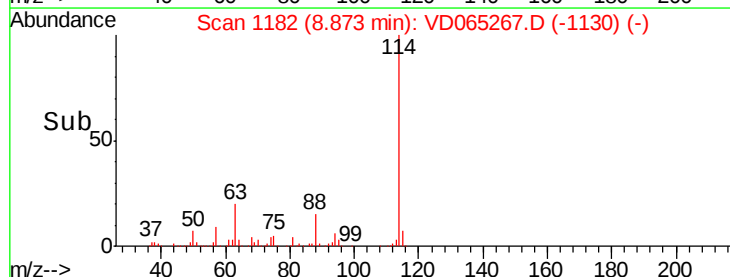
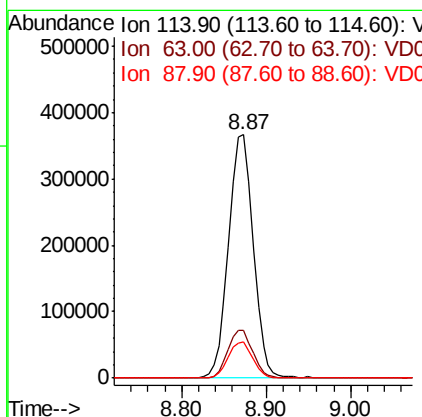
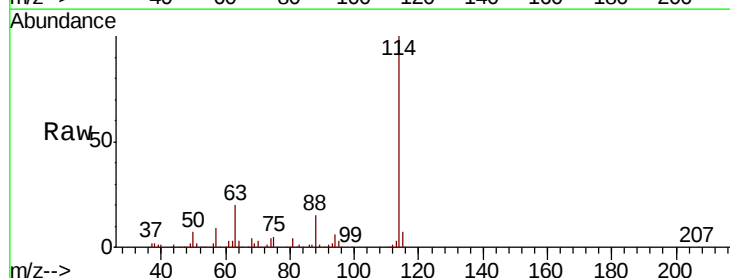
Instrument :
 MSVOA_D
 ClientSampled :

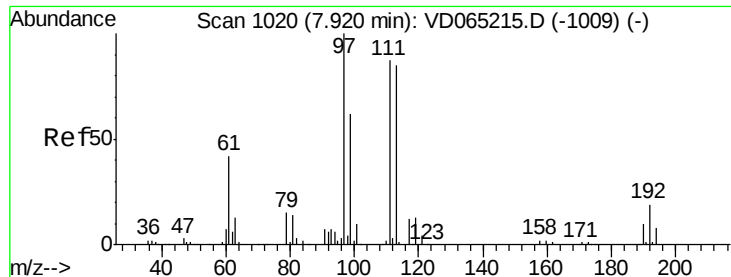
Tot Ion: 65 Resp: 203438
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Tgt Ion: 114 Resp: 740672
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 14.8 0.0 30.4

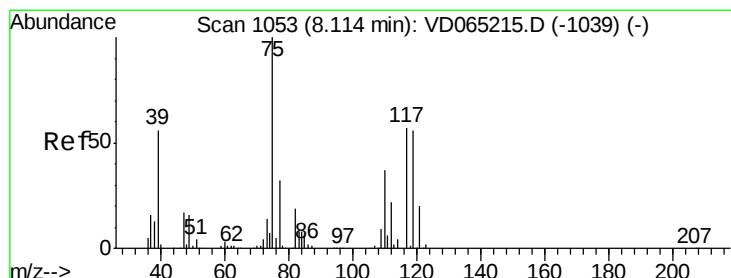
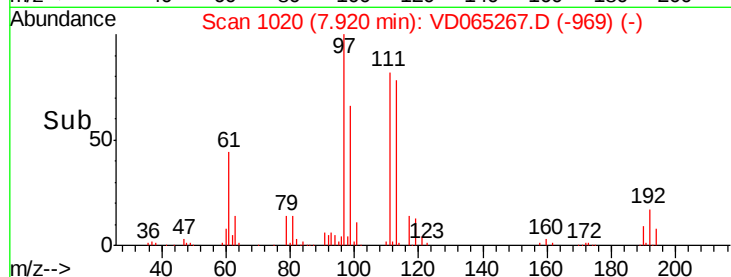
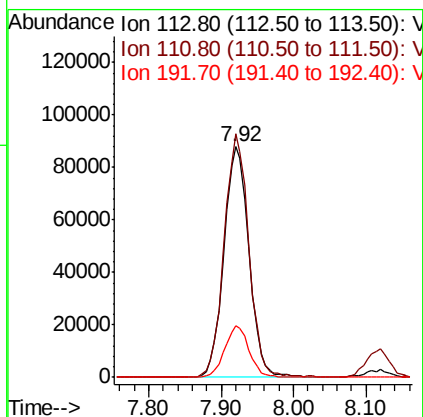
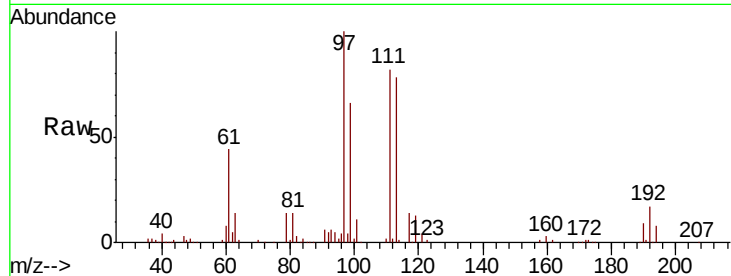




#35
 Dibromofluoromethane
 Concen: 46.869 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

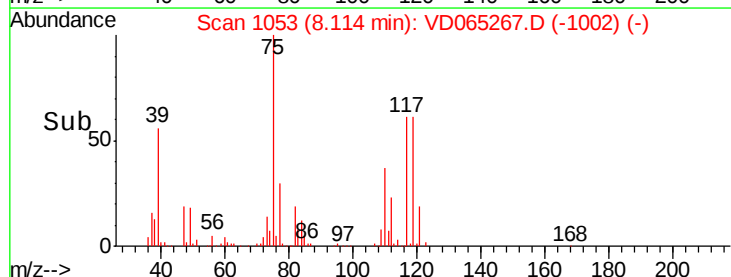
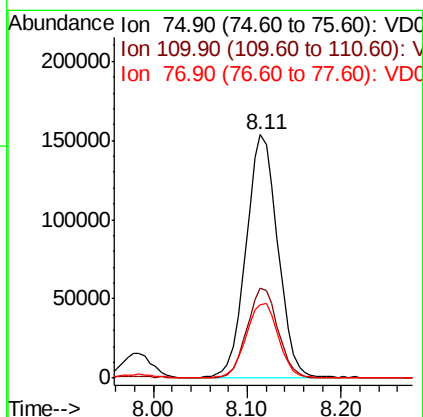
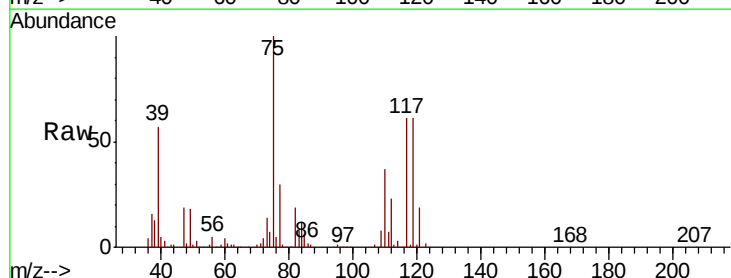
Instrument :
 MSVOA_D
 ClientSampleId :

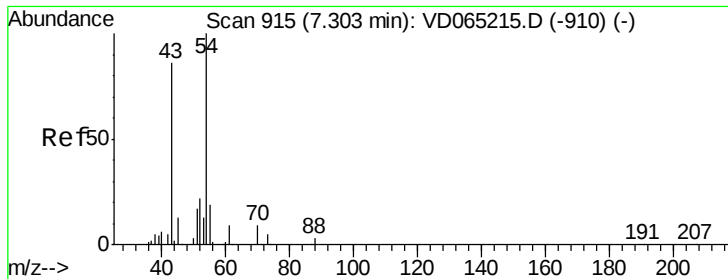
Tot Ion:113 Resp: 211670
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 21.6 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 49.697 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Tgt Ion: 75 Resp: 358154
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.9 53.7
 77 31.6 25.1 37.7

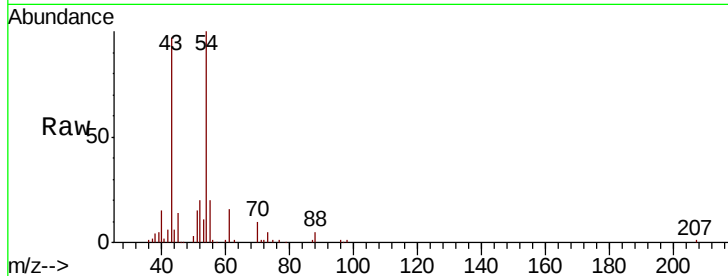




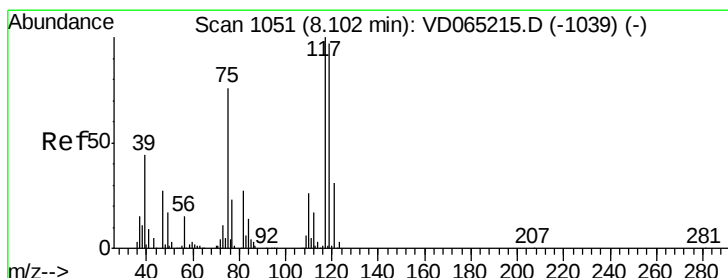
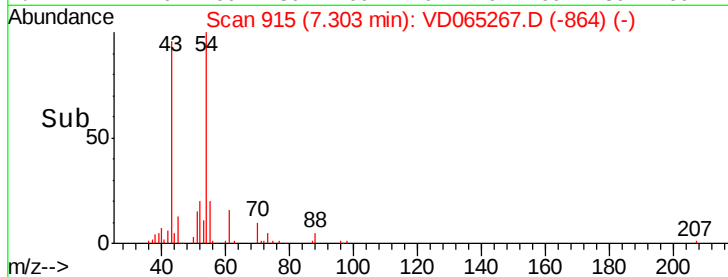
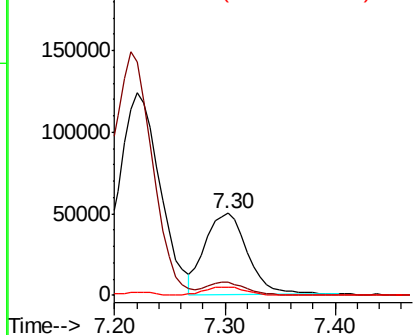
#37
Ethyl Acetate
Concen: 43.849 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 132108
Ion Ratio Lower Upper
43 100
61 15.6 11.2 16.8
70 10.1 8.2 12.2

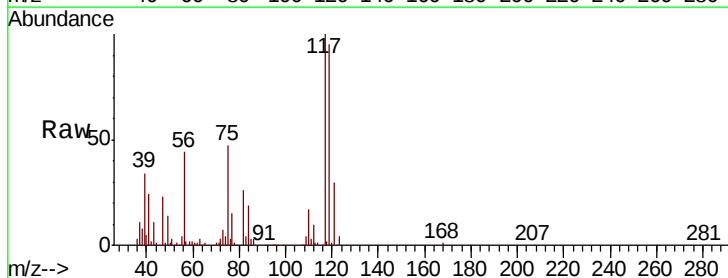


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

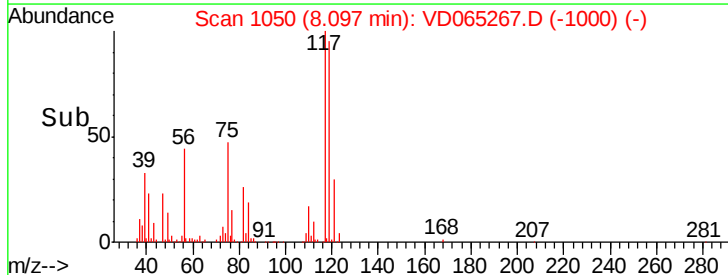
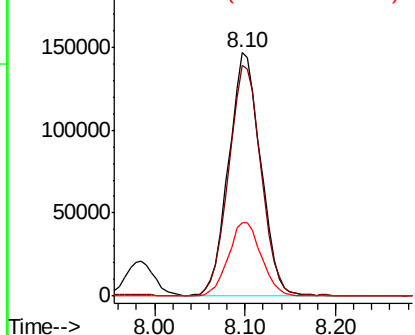


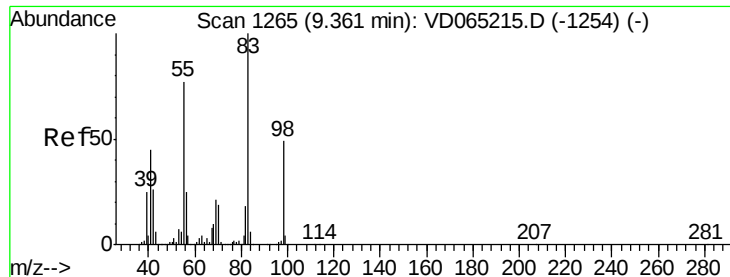
#38
Carbon Tetrachloride
Concen: 49.038 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 117 Resp: 359766
Ion Ratio Lower Upper
117 100
119 94.8 77.6 116.4
121 30.0 24.8 37.2



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

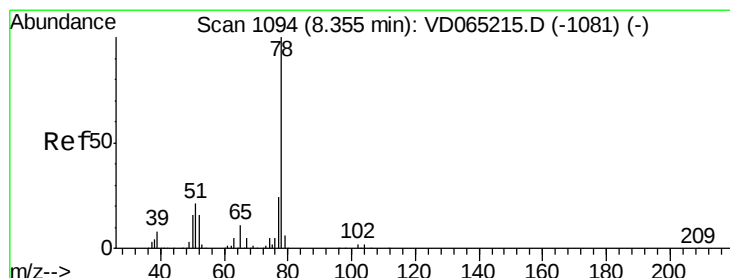
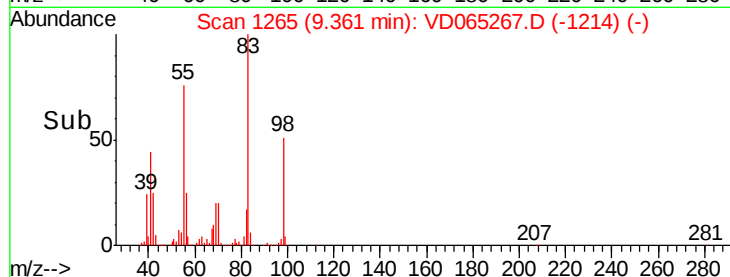
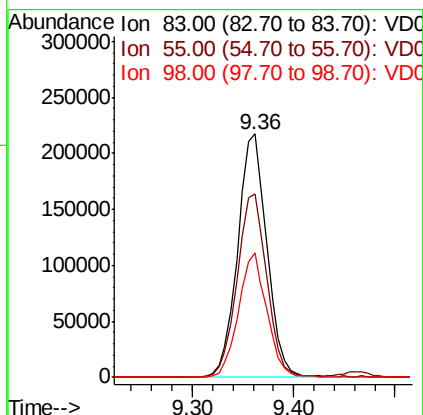
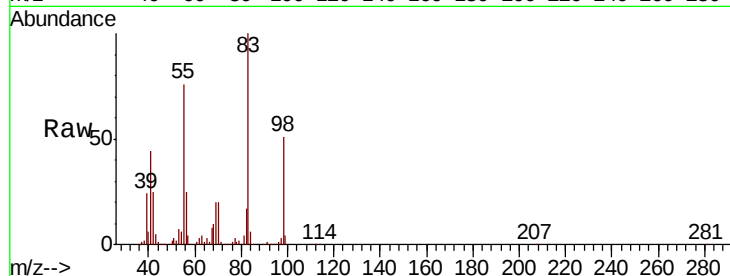




#39
Methvlcvclohexane
Concen: 51.369 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

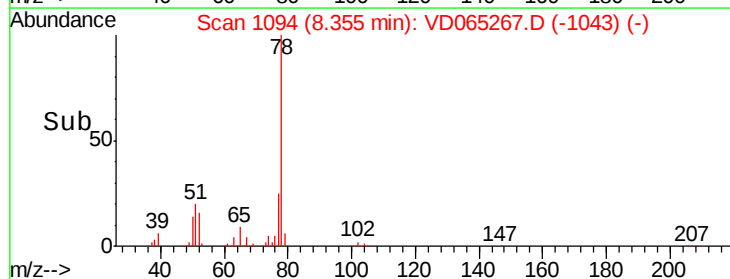
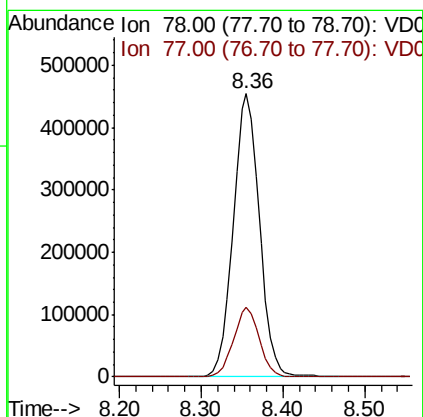
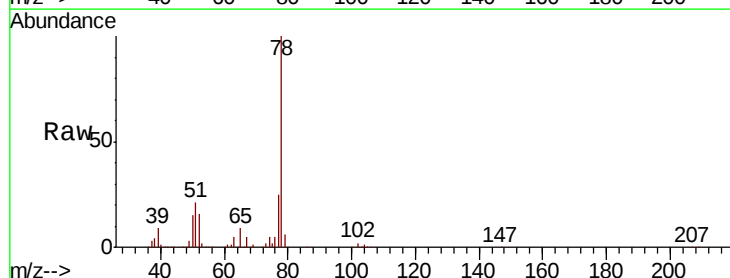
Instrument :
MSVOA_D
ClientSampled :

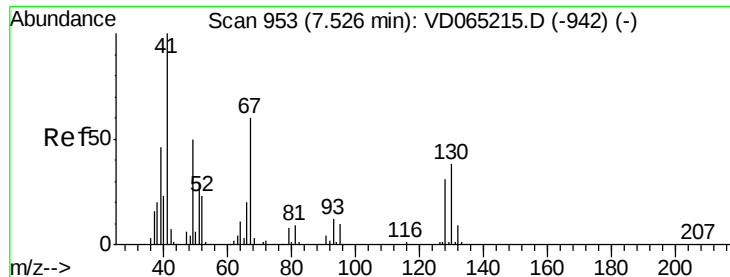
Tot Ion	83	Resp	435227
Ion Ratio	Lower	Upper	
83	100		
55	75.6	61.8	92.6
98	51.3	39.4	59.0



#40
Benzene
Concen: 49.752 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion	78	Resp	1012043
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.0	28.6

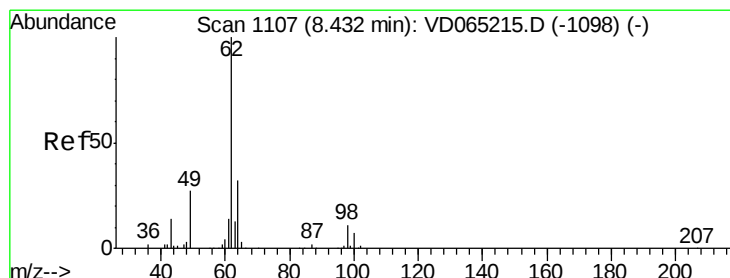
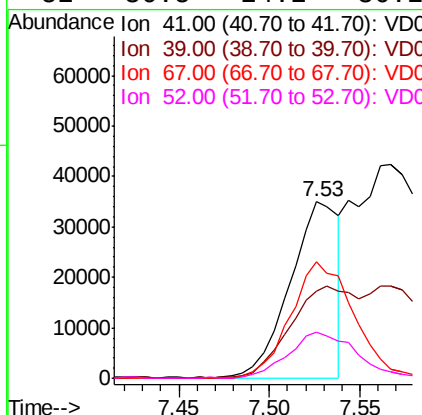
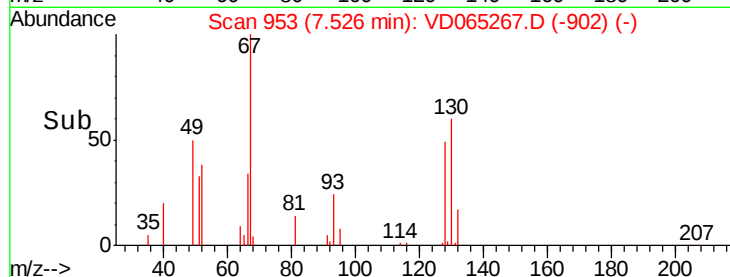
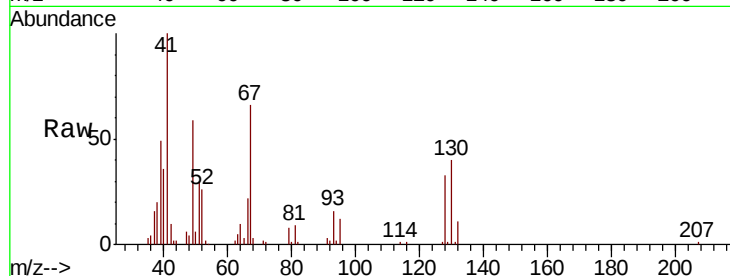




#41
Methacrylonitrile
Concen: 38.079 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

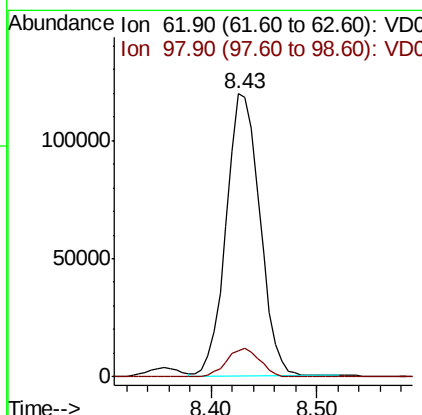
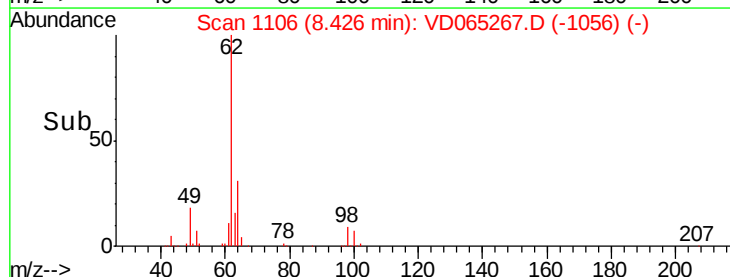
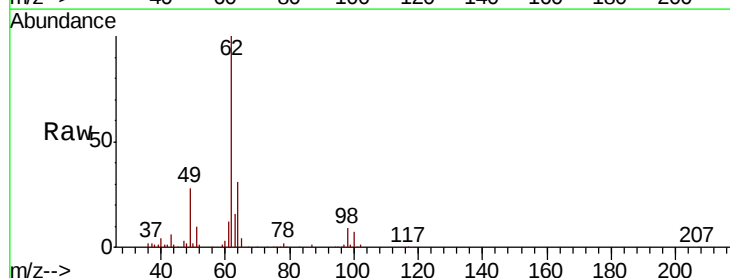
Instrument :
MSVOA_D
ClientSampleId :

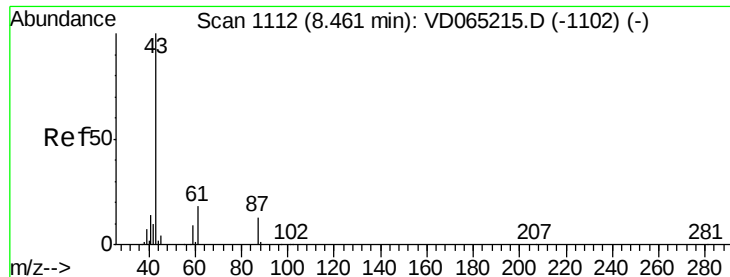
Tot Ion: 41 Resp: 66240
Ion Ratio Lower Upper
41 100
39 70.6 48.1 72.1
67 86.0 58.9 88.3
52 36.5 24.2 36.2#



#42
1,2-Dichloroethane
Concen: 47.237 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 62 Resp: 264162
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6





#43

Isopropyl Acetate

Concen: 46.070 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

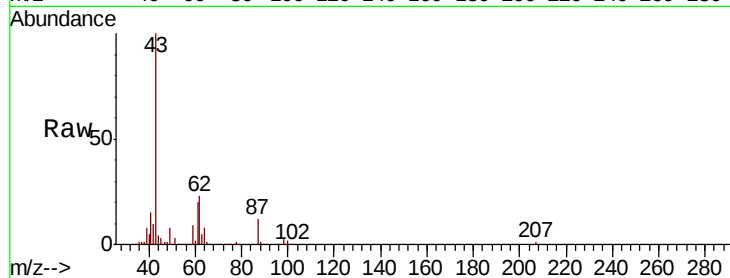
Tot Ion: 43 Resp: 252400

Ion Ratio Lower Upper

43 100

61 31.9 24.6 36.8

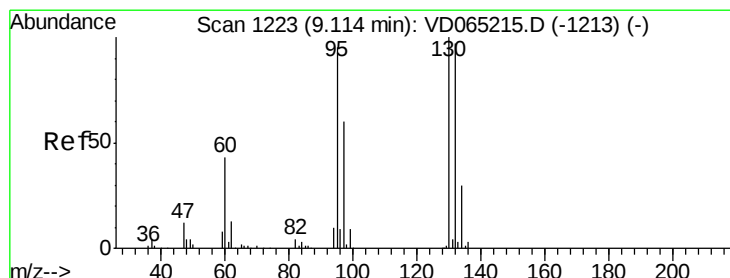
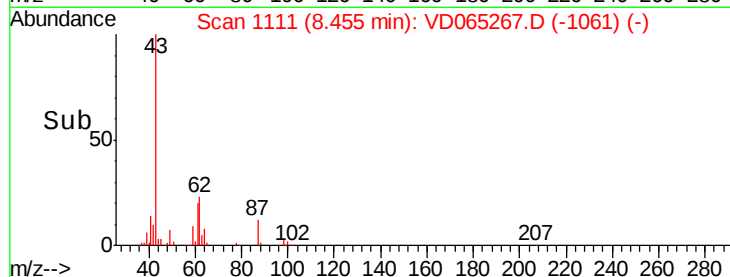
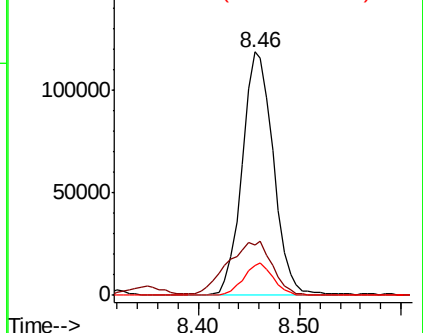
87 12.5 10.6 16.0



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: 49.064 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065267.D

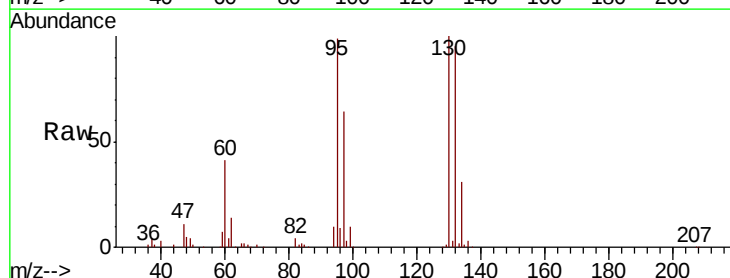
Acq: 21 Feb 2020 11:00

Tgt Ion:130 Resp: 276655

Ion Ratio Lower Upper

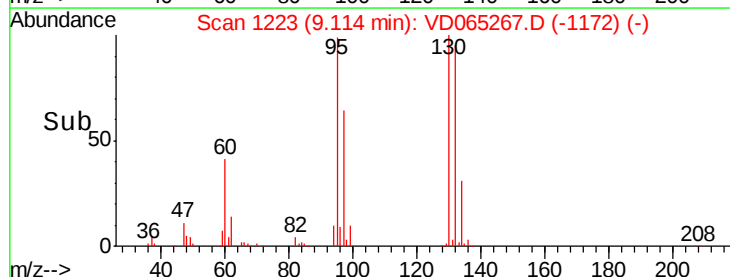
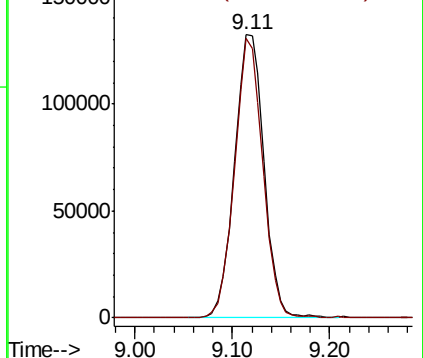
130 100

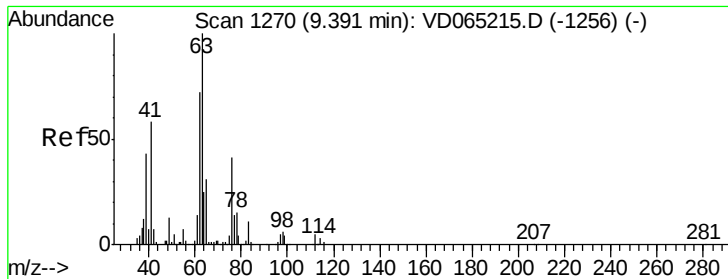
95 98.5 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

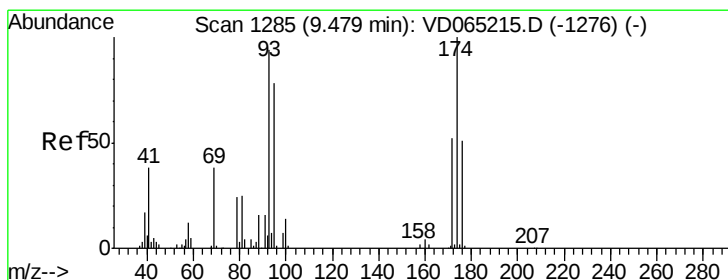
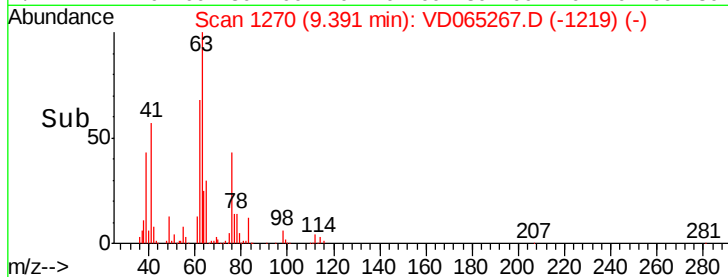
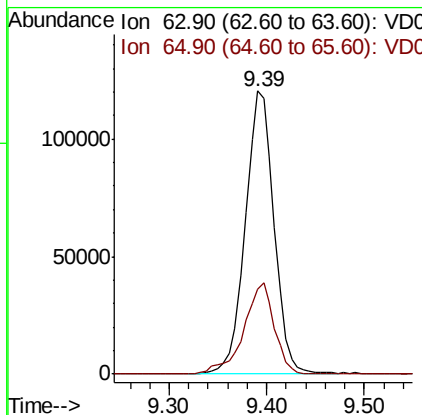
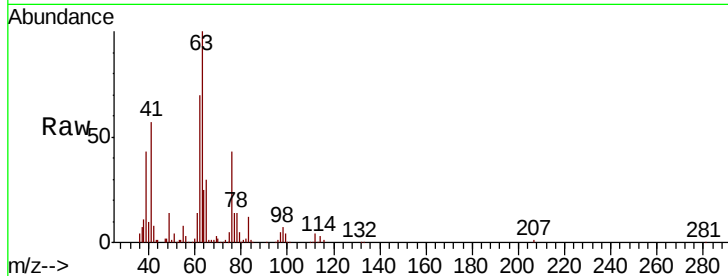




#45
 1,2-Dichloropropane
 Concen: 49.224 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

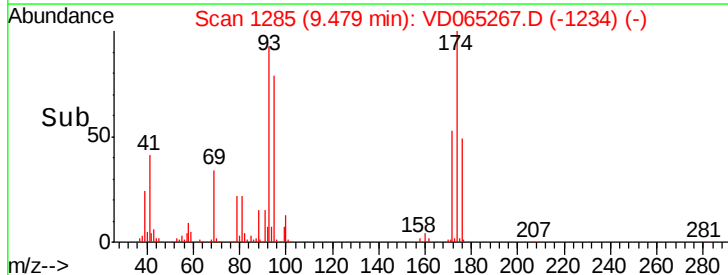
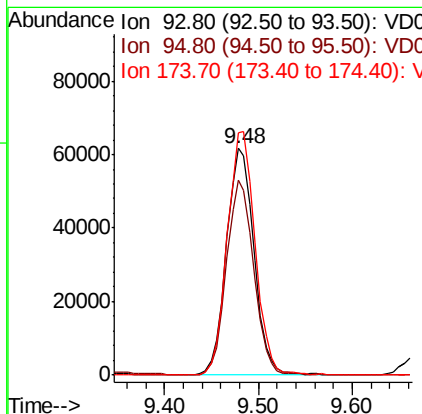
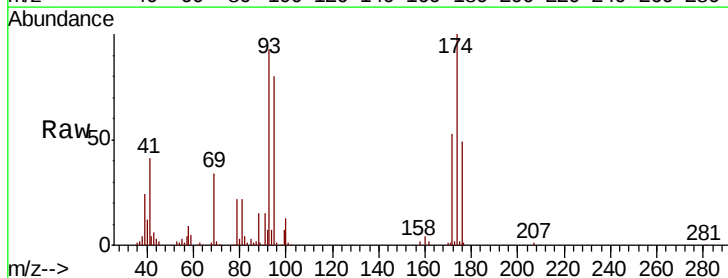
Instrument :
 MSVOA_D
 ClientSampleId :

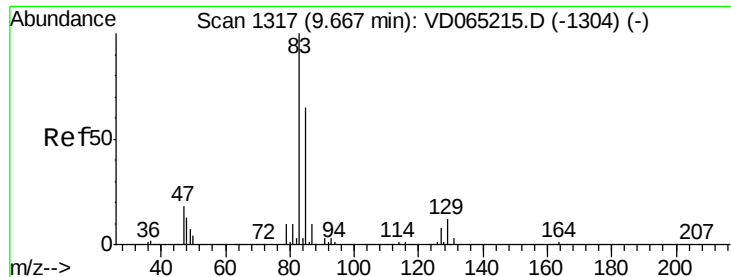
Tot Ion: 63 Resp: 248984
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.9 37.3



#46
 Dibromomethane
 Concen: 48.483 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Tgt Ion: 93 Resp: 126179
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.8 98.6
 174 107.6 86.8 130.2

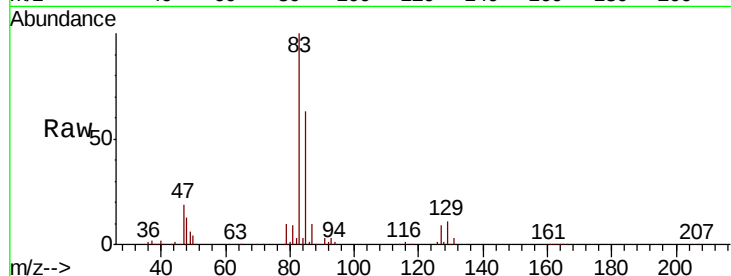




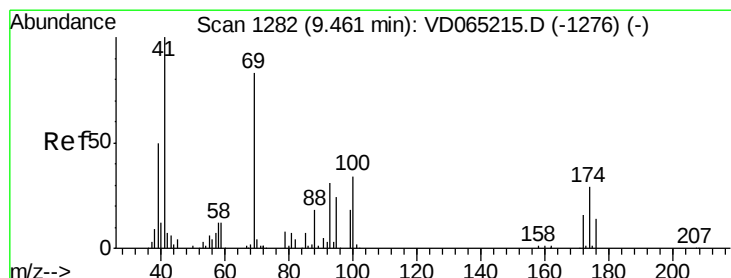
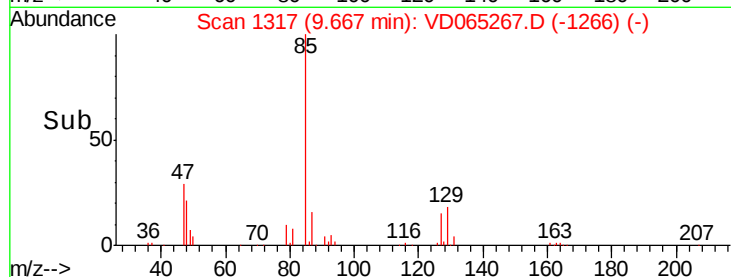
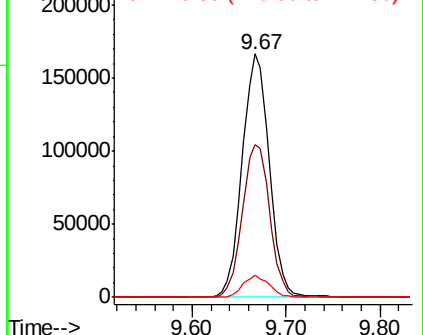
#47
Bromodichloromethane
Concen: 48.424 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 332119
Ion Ratio Lower Upper
83 100
85 62.8 52.0 78.0
127 9.1 6.7 10.1

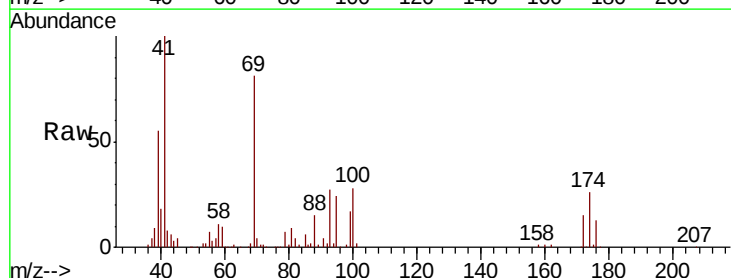


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

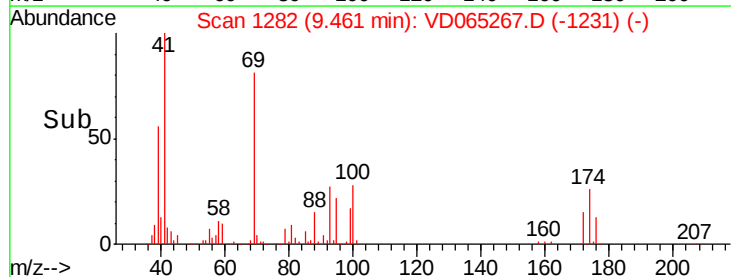
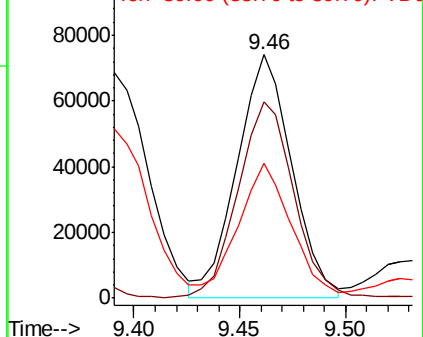


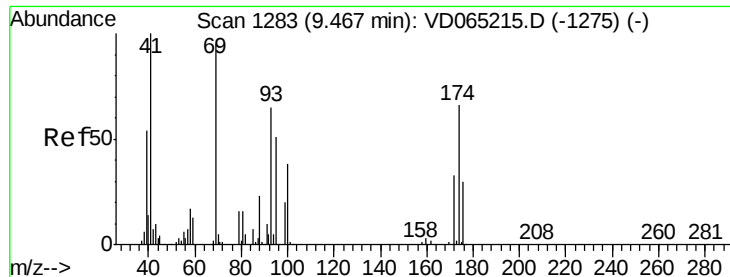
#48
Methyl methacrylate
Concen: 52.571 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 41 Resp: 133131
Ion Ratio Lower Upper
41 100
69 81.7 68.2 102.2
39 48.3 42.0 63.0



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

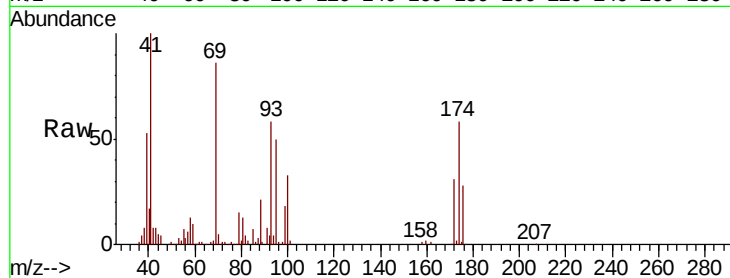




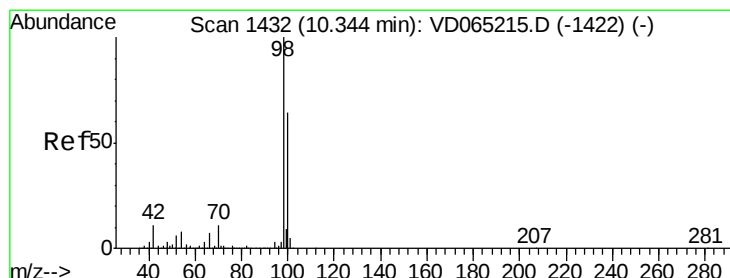
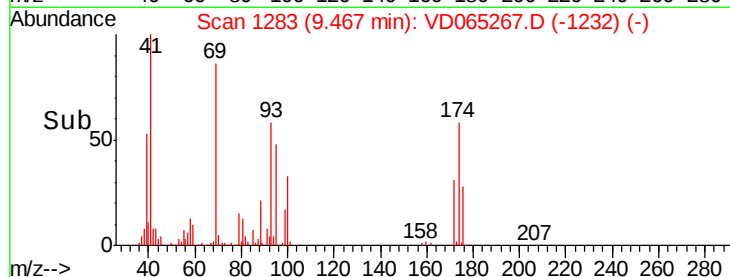
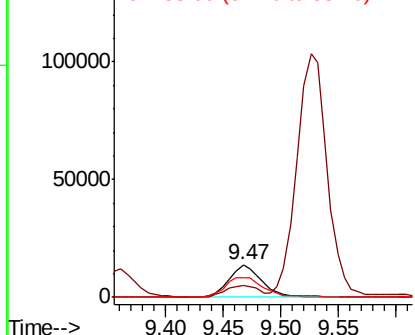
#49
1,4-Dioxane
Concen: 901.922 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 88 Resp: 27530
Ion Ratio Lower Upper
88 100
43 32.9 28.5 42.7
58 68.0 58.6 87.8

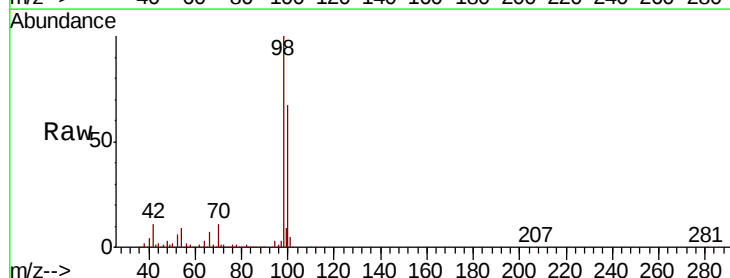


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

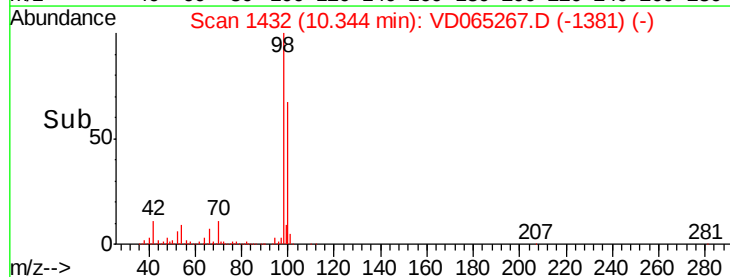
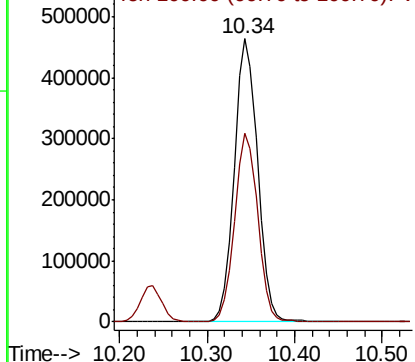


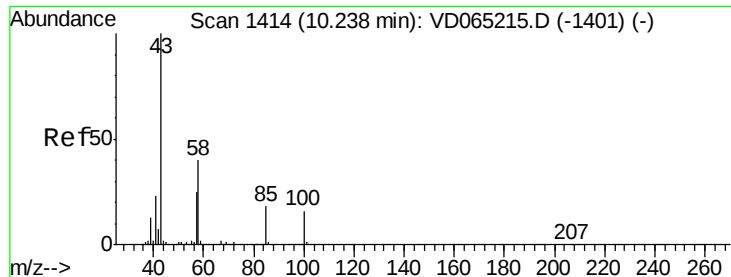
#50
Toluene-d8
Concen: 48.252 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 98 Resp: 833065
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

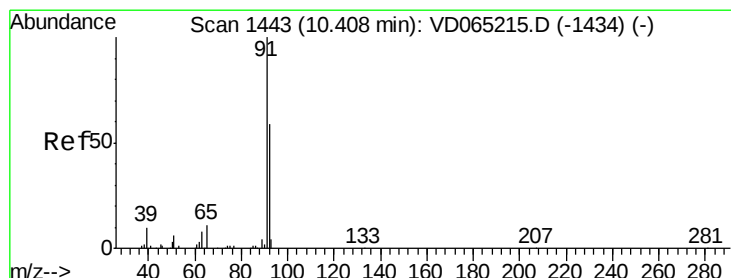
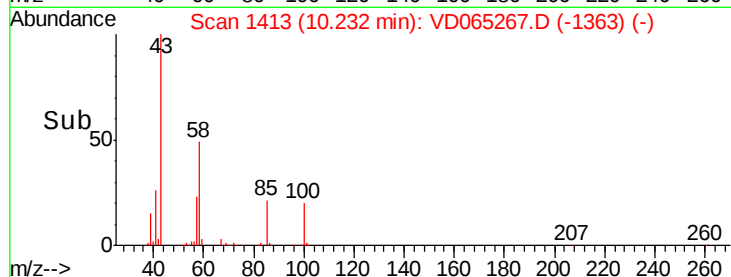
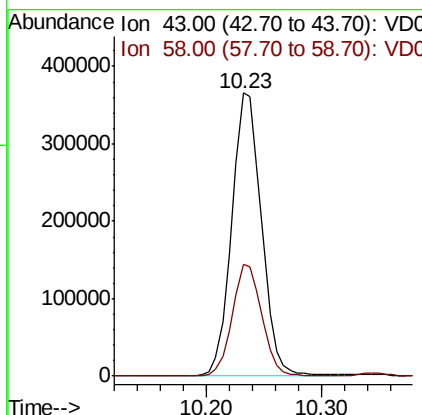
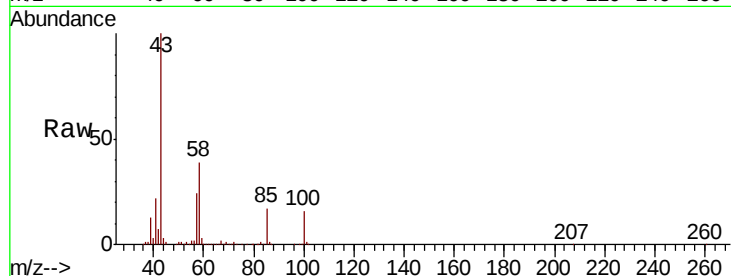




#51
4-Methyl-2-Pentanone
Concen: 235.202 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.01 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

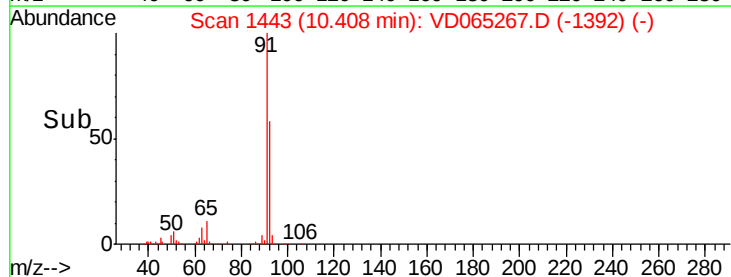
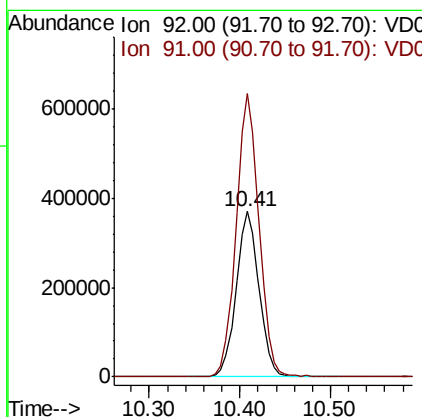
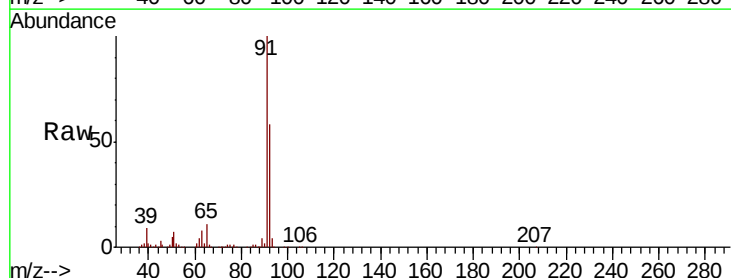
Instrument :
MSVOA_D
ClientSampled :

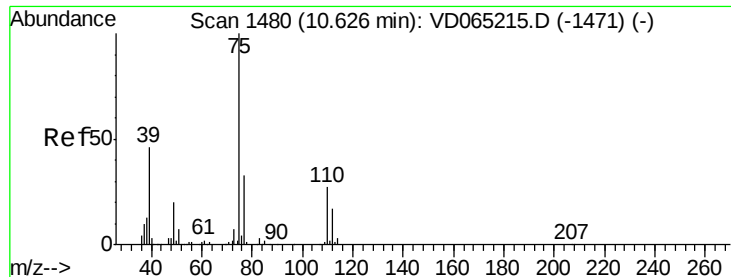
Tot Ion: 43 Resp: 654487
Ion Ratio Lower Upper
43 100
58 39.3 31.1 46.7



#52
Toluene
Concen: 51.672 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 92 Resp: 650611
Ion Ratio Lower Upper
92 100
91 171.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 49.239 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

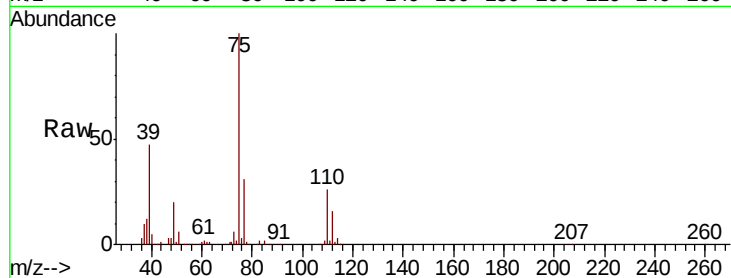
ClientSampleId :

Tot Ion: 75 Resp: 313023

Ion Ratio Lower Upper

75 100

77 31.3 26.6 40.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

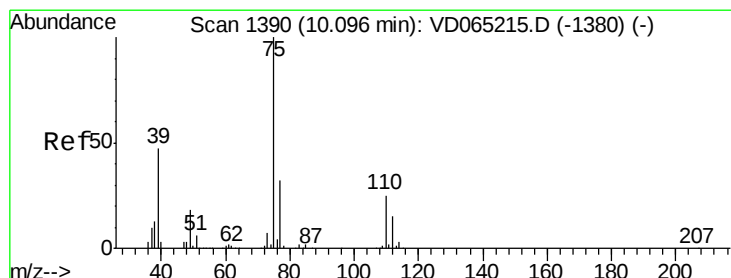
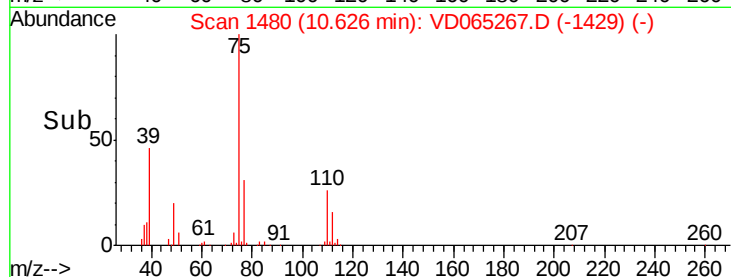
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.710 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

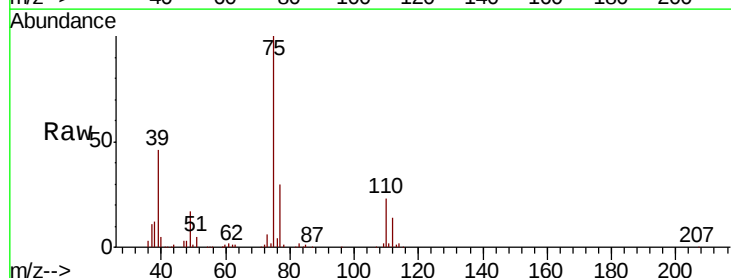
Tgt Ion: 75 Resp: 381606

Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.8

39 46.3 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.10

250000

200000

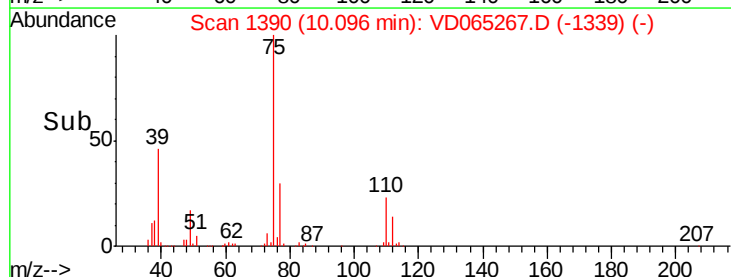
150000

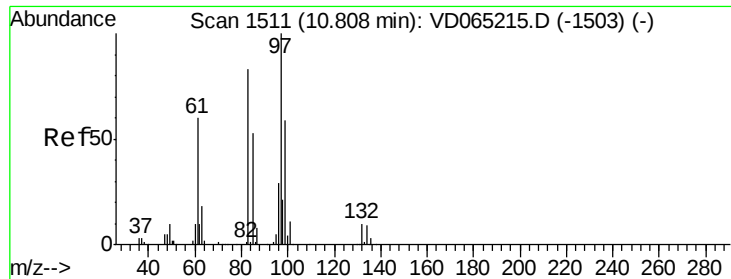
100000

50000

0

Time-->

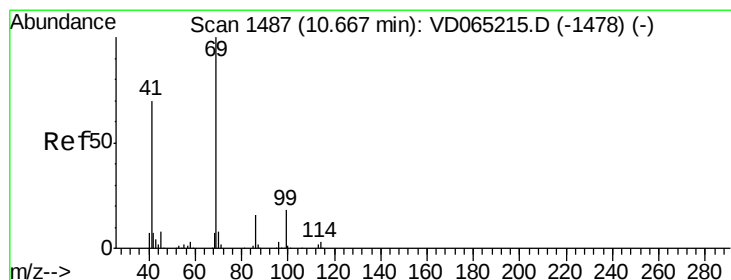
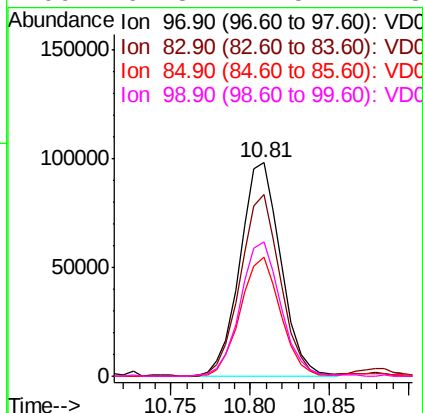
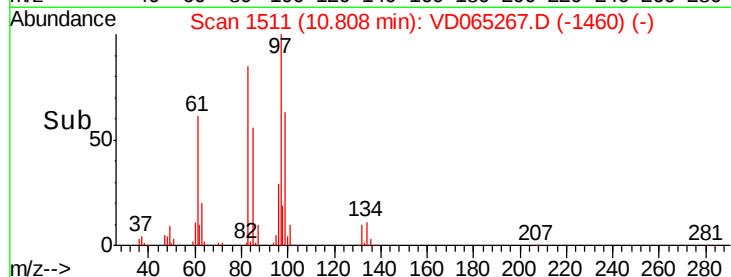
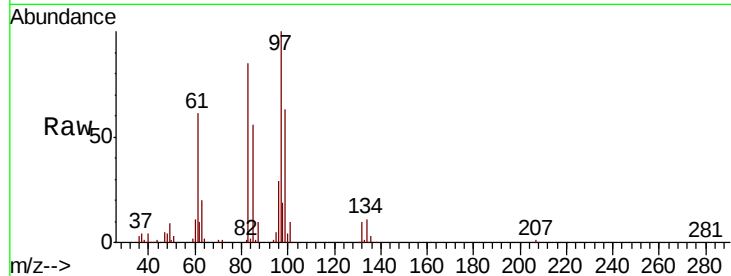




#55
 1,1,2-Trichloroethane
 Concen: 47.967 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

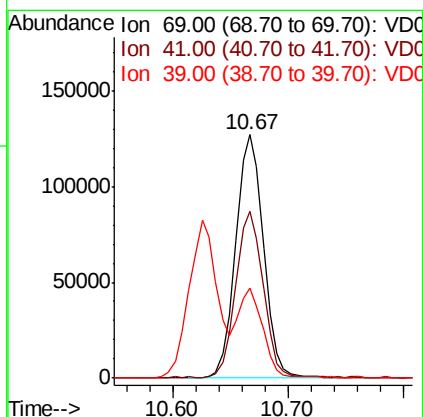
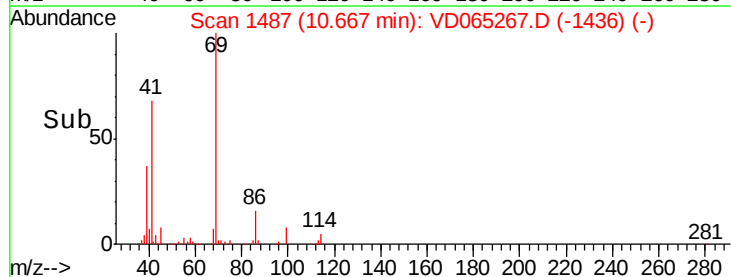
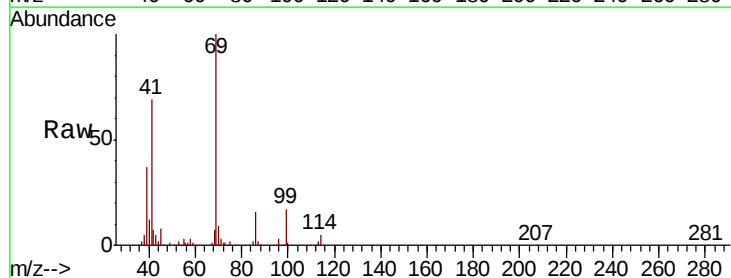
Instrument :
 MSVOA_D
 ClientSampleId :

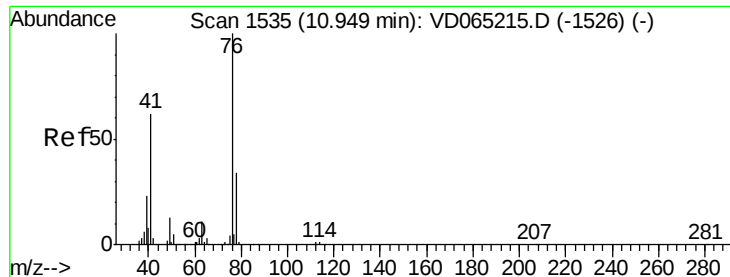
Tot Ion:	97	Resp:	175707
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.7	100.1
85	55.8	42.4	63.6
99	62.8	47.5	71.3



#56
 Ethyl methacrylate
 Concen: 50.018 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Tgt Ion:	69	Resp:	211475
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.6	81.8
39	33.4	26.5	39.7





#57

1,3-Dichloropropane

Concen: 49.224 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

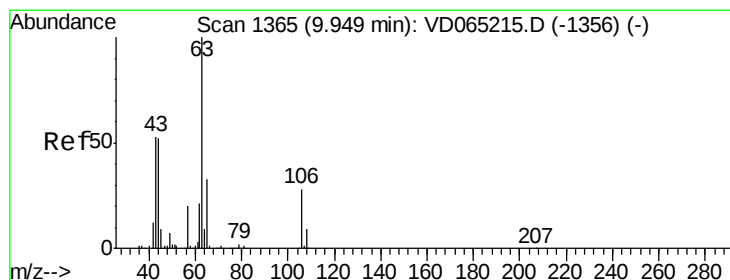
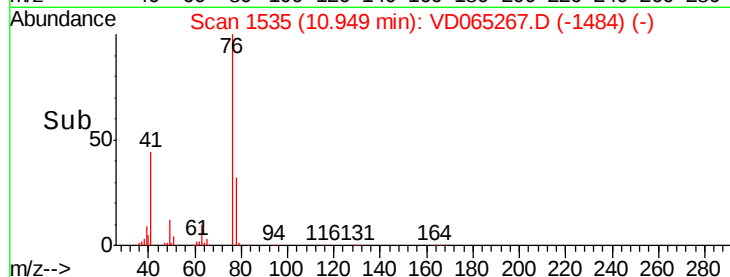
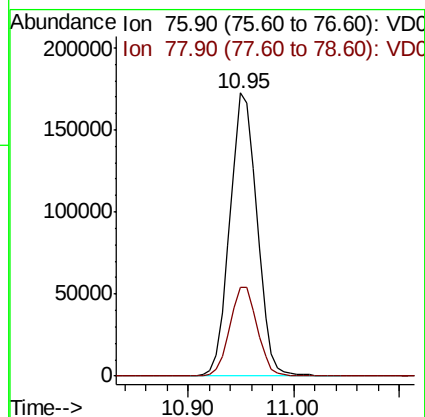
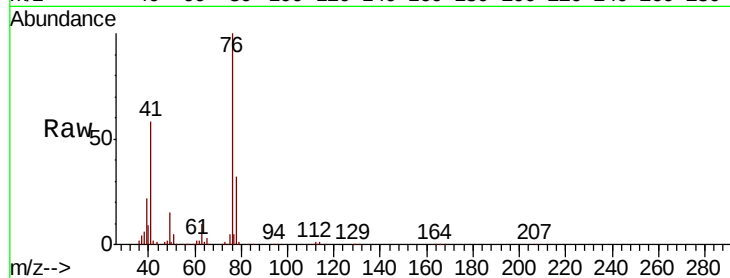
ClientSampleId :

Tot Ion: 76 Resp: 306887

Ion Ratio Lower Upper

76 100

78 31.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 218.553 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065267.D

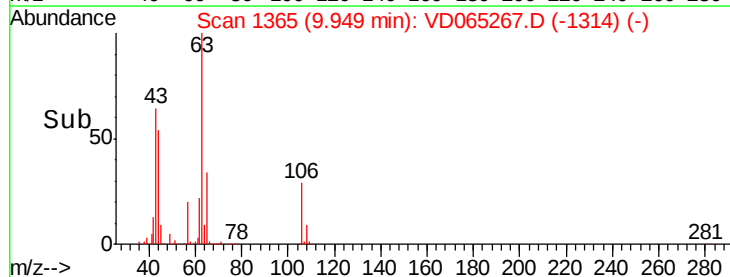
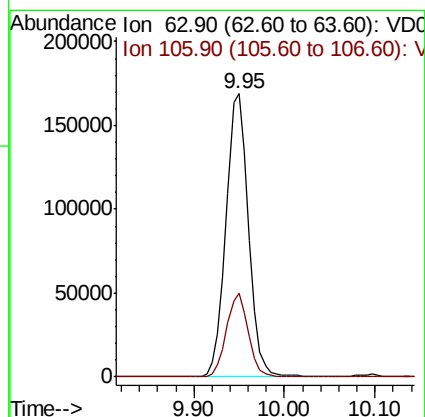
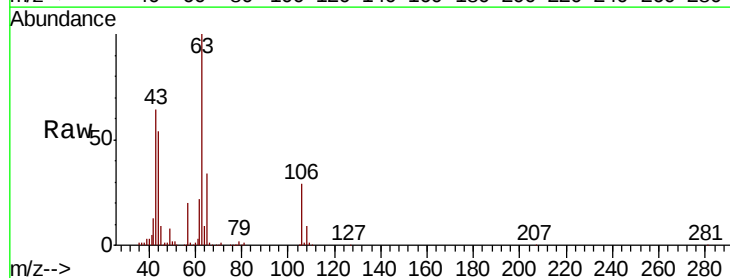
Acq: 21 Feb 2020 11:00

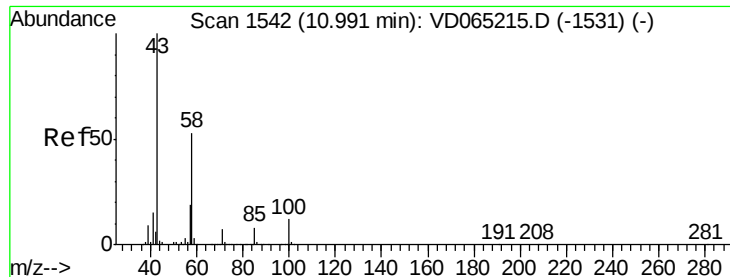
Tgt Ion: 63 Resp: 291323

Ion Ratio Lower Upper

63 100

106 28.5 22.8 34.2

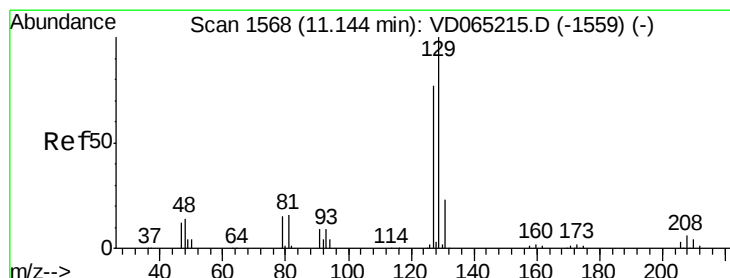
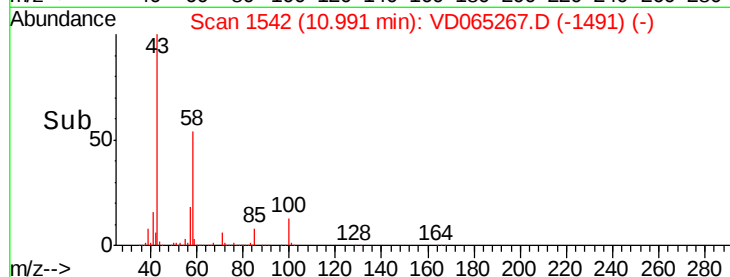
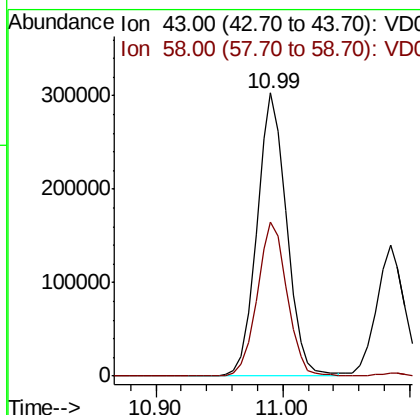
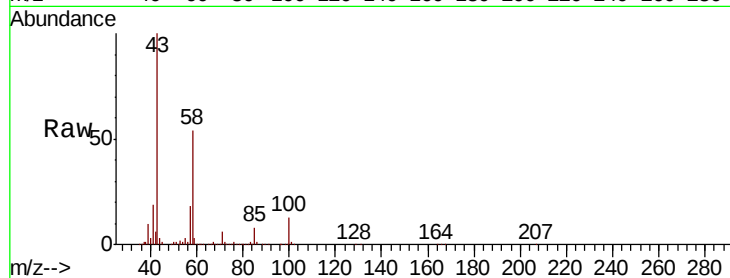




#59
2-Hexanone
Concen: 248.068 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

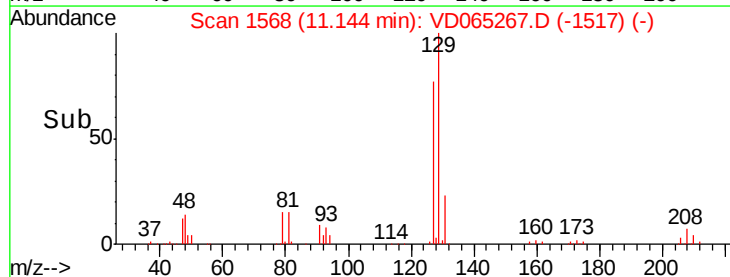
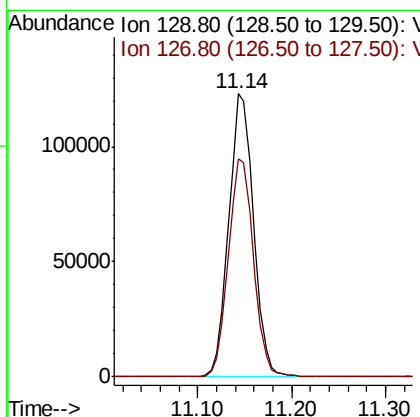
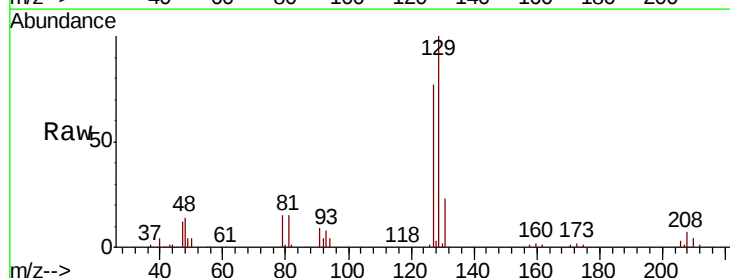
Instrument :
MSVOA_D
ClientSampled :

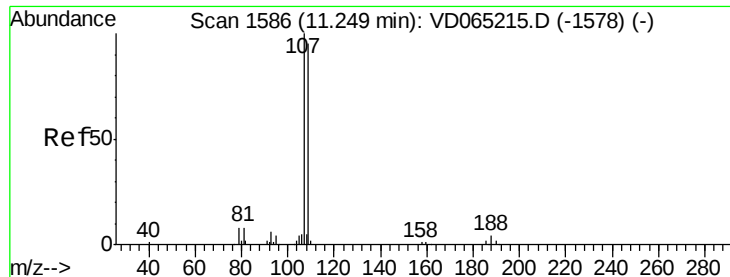
Tot Ion: 43 Resp: 494138
Ion Ratio Lower Upper
43 100
58 54.8 26.3 78.8



#60
Dibromochloromethane
Concen: 47.945 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 129 Resp: 224789
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1

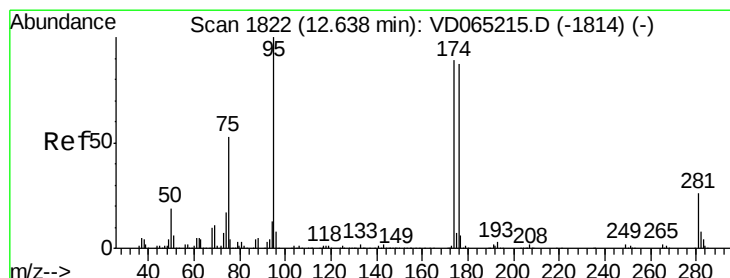
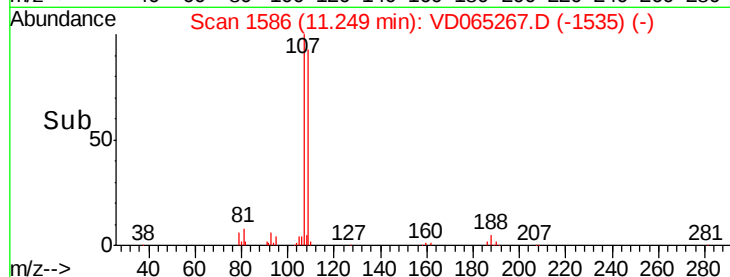
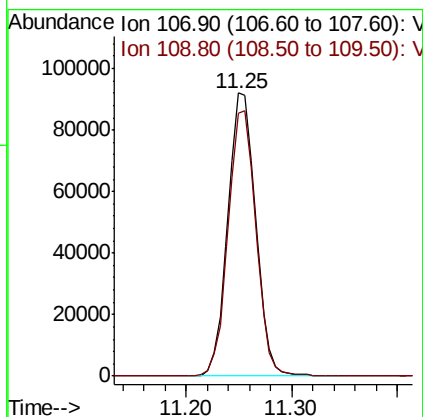
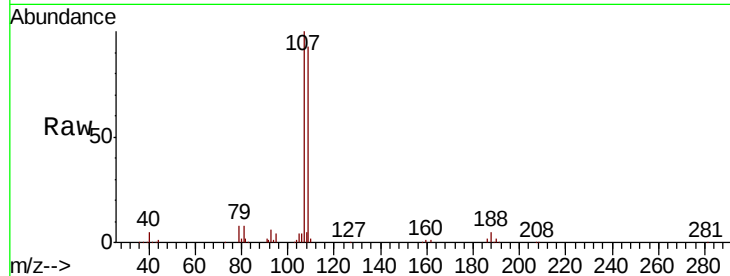




#61
 1,2-Dibromoethane
 Concen: 48.466 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

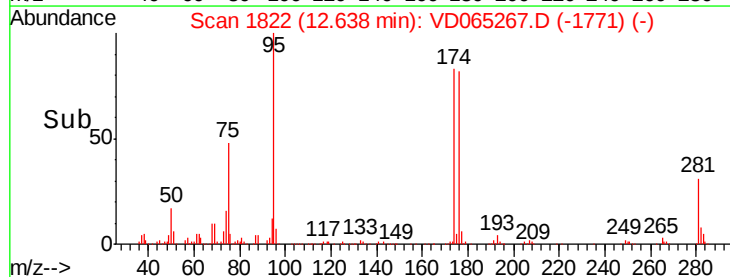
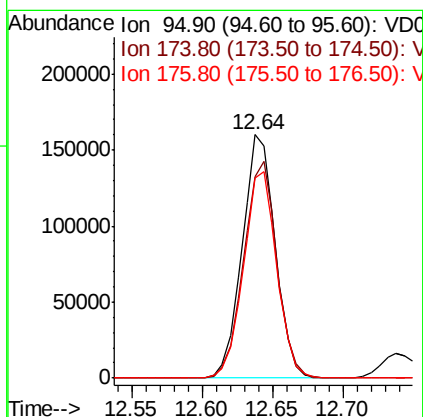
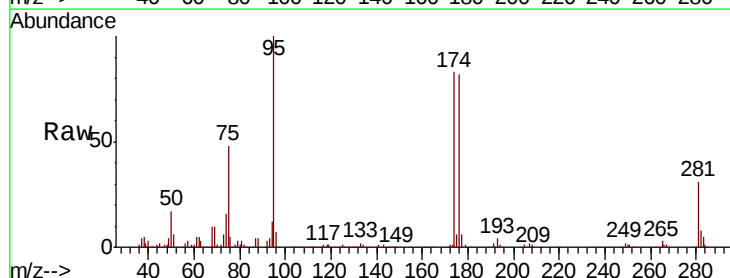
Instrument :
 MSVOA_D
 ClientSampled :

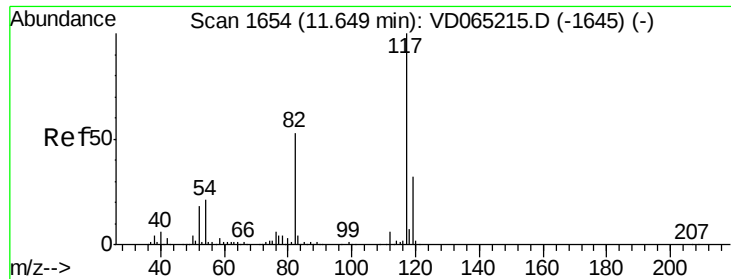
Tot Ion: 107 Resp: 168092
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 47.875 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Tgt Ion: 95 Resp: 261847
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 178.0
 176 85.8 0.0 174.4

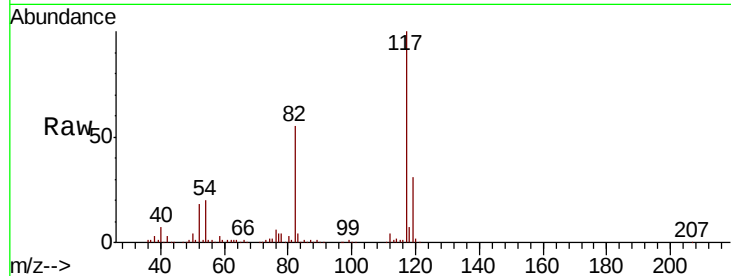




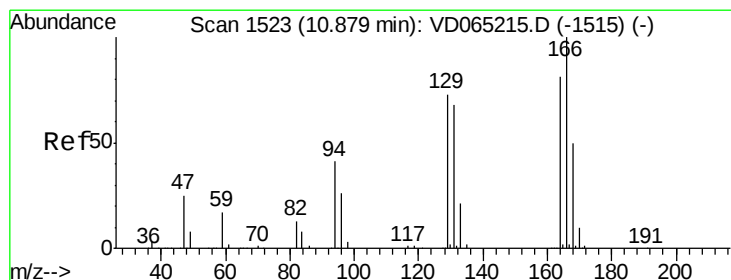
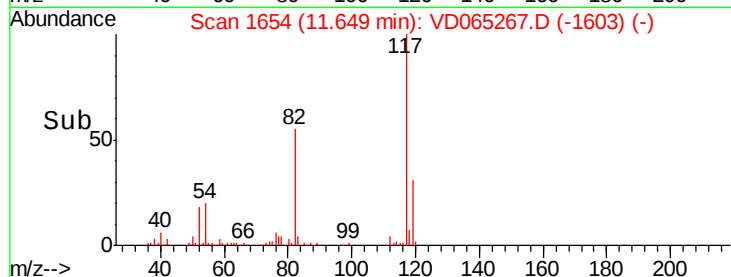
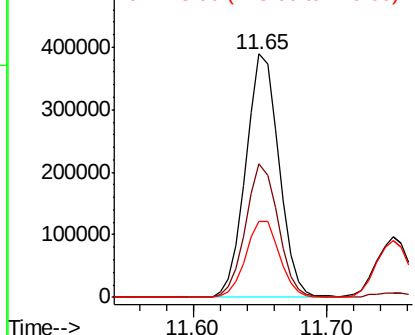
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 667647
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 31.4 25.5 38.3

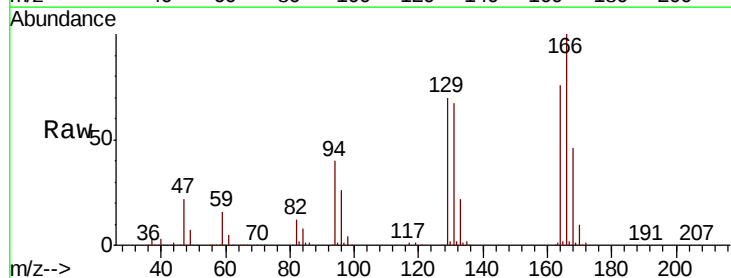


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

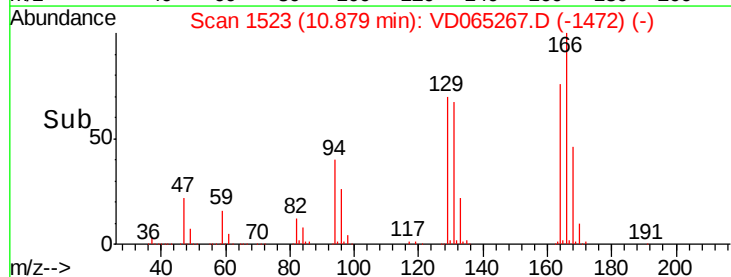
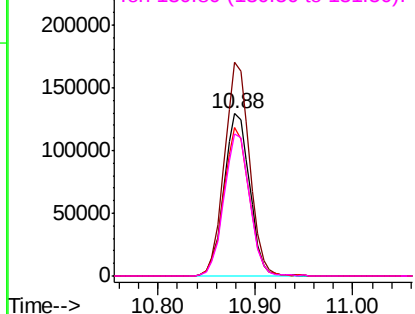


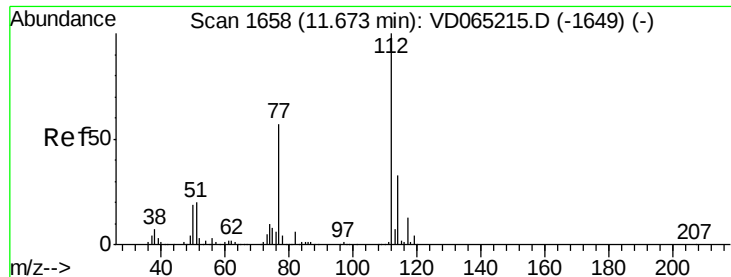
#64
Tetrachloroethene
Concen: 49.798 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion:164 Resp: 235802
Ion Ratio Lower Upper
164 100
166 131.7 98.4 147.6
129 92.0 71.6 107.4
131 87.8 67.3 100.9



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

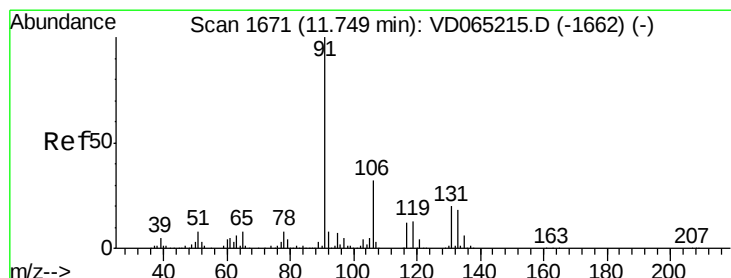
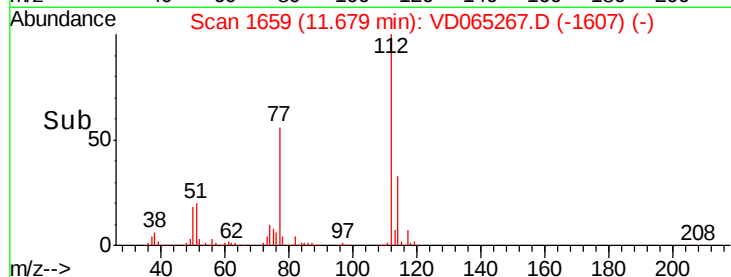
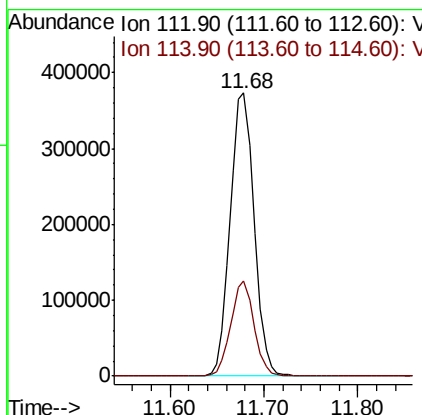
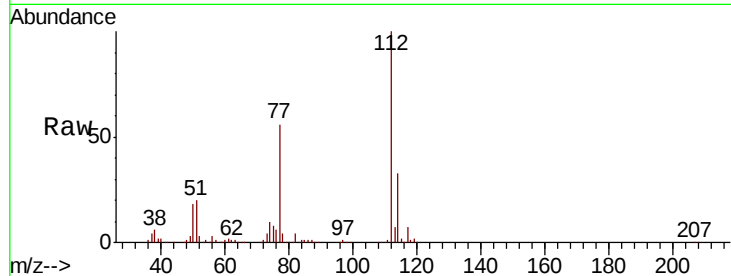




#65
Chlorobenzene
Concen: 49.470 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

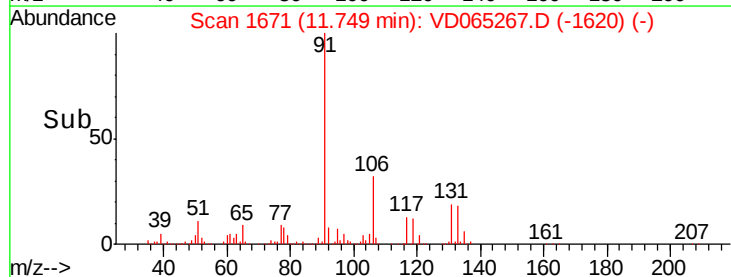
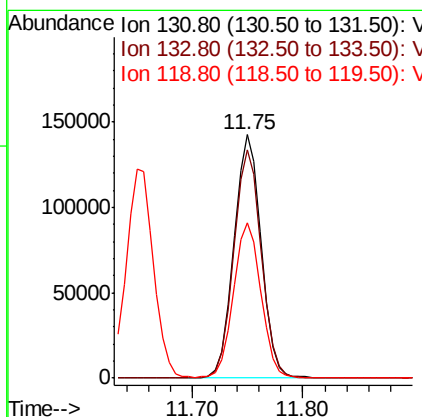
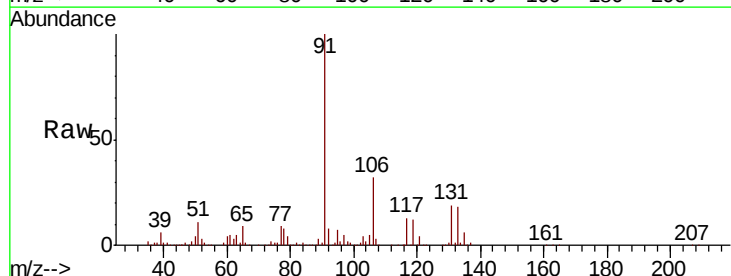
Instrument :
MSVOA_D
ClientSampleId :

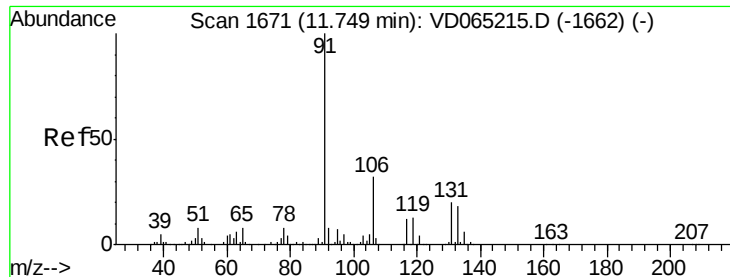
Tot Ion:112 Resp: 662799
Ion Ratio Lower Upper
112 100
114 33.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.456 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion:131 Resp: 247268
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 64.7 32.7 98.1

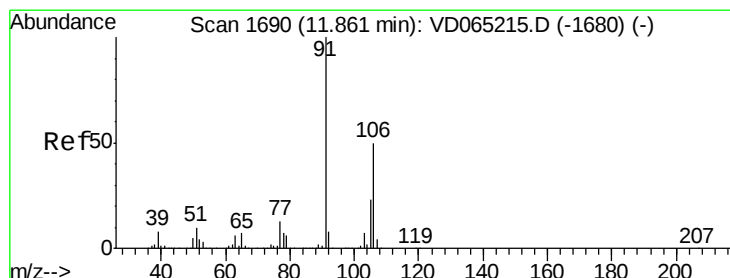
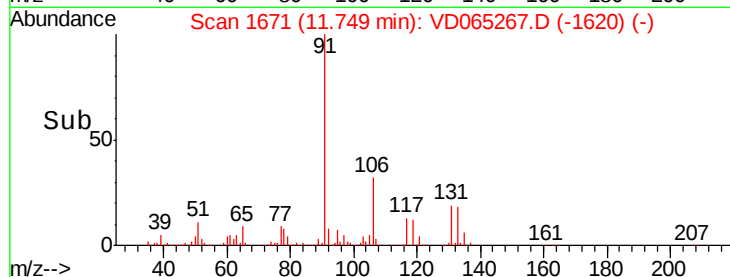
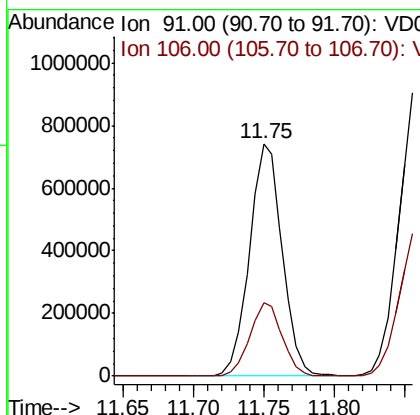
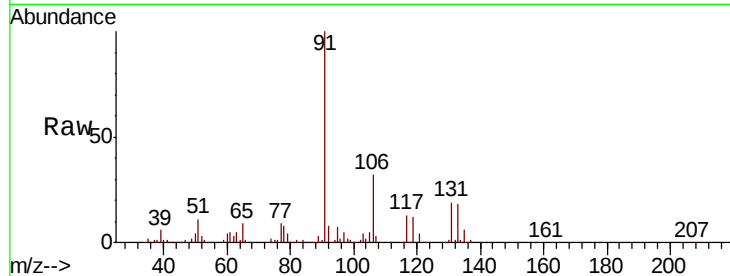




#67
Ethyl Benzene
Concen: 51.492 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

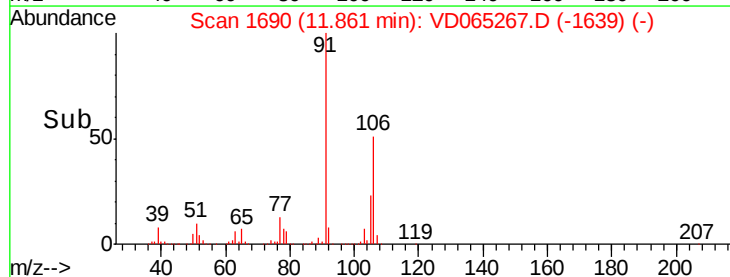
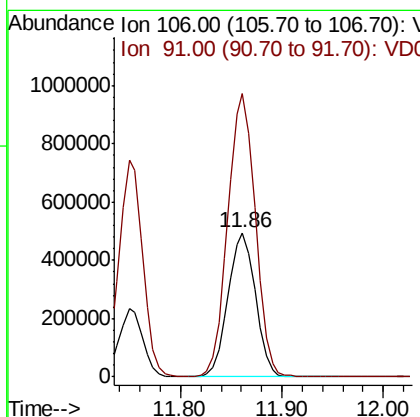
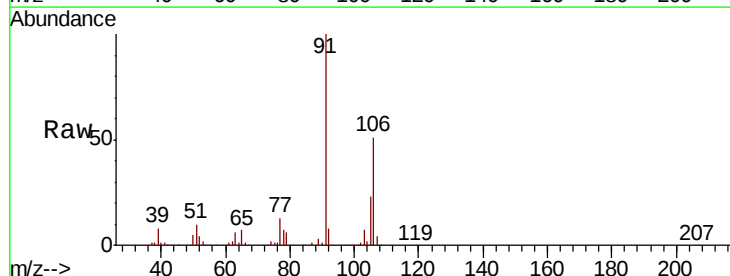
Instrument :
MSVOA_D
ClientSampleId :

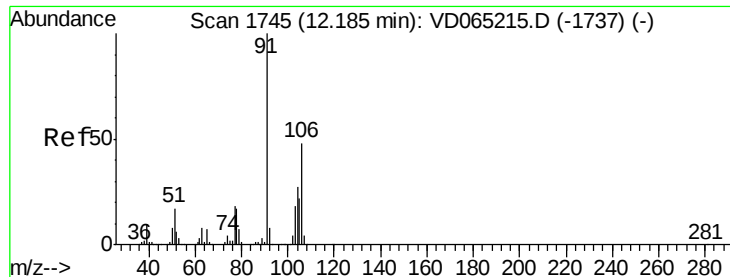
Tot Ion: 91 Resp: 1208279
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 103.692 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 106 Resp: 930901
Ion Ratio Lower Upper
106 100
91 197.1 158.2 237.4

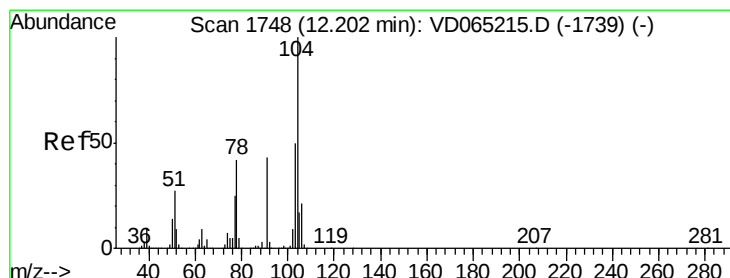
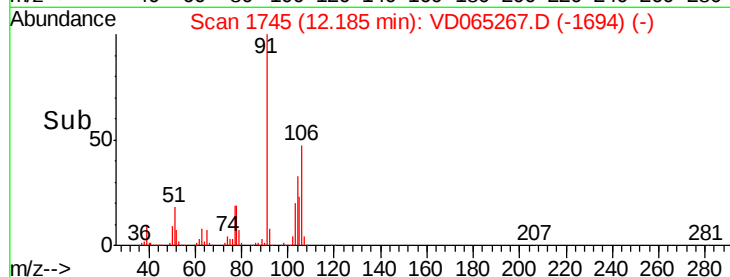
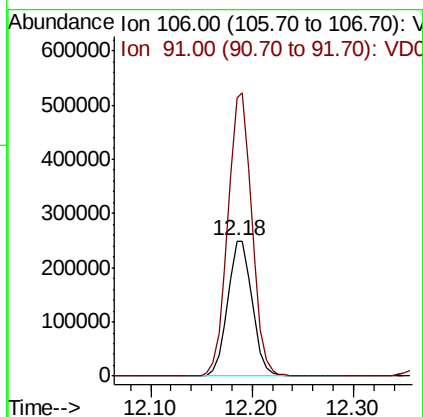
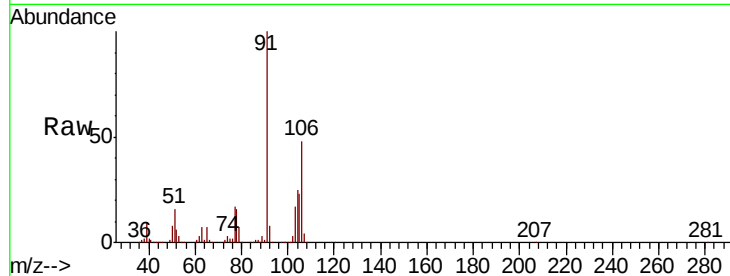




#69
o-Xylene
Concen: 52.311 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

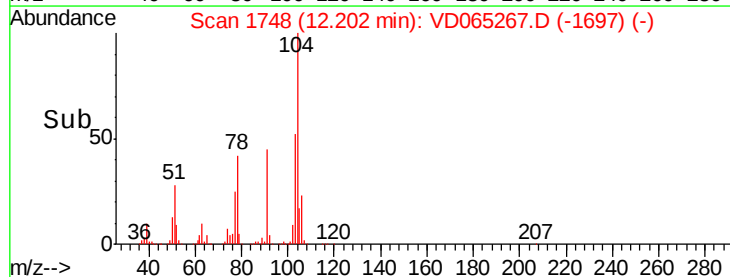
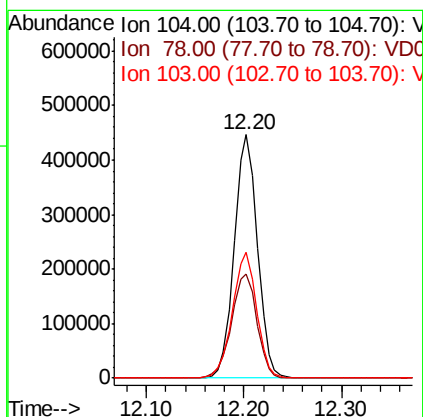
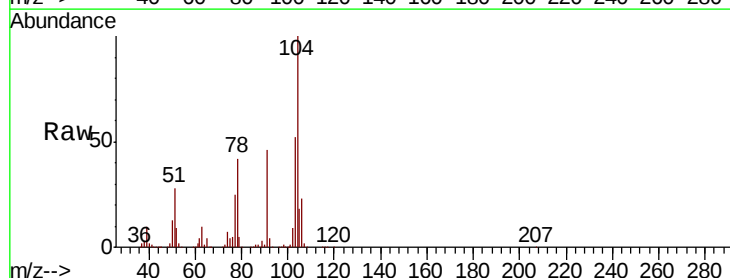
Instrument :
MSVOA_D
ClientSampled :

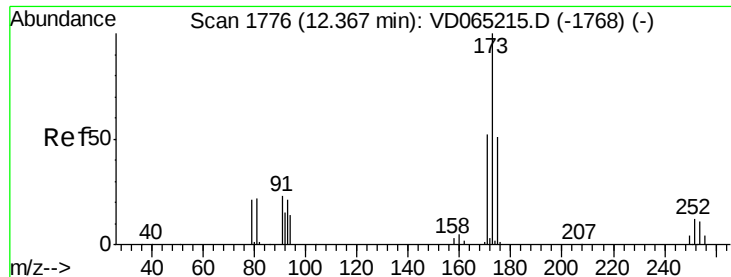
Tot Ion:106 Resp: 416066
Ion Ratio Lower Upper
106 100
91 206.6 104.7 313.9



#70
Styrene
Concen: 52.095 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion:104 Resp: 735662
Ion Ratio Lower Upper
104 100
78 47.0 37.8 56.6
103 54.1 43.4 65.2





#71

Bromoform

Concen: 46.957 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

ClientSampled :

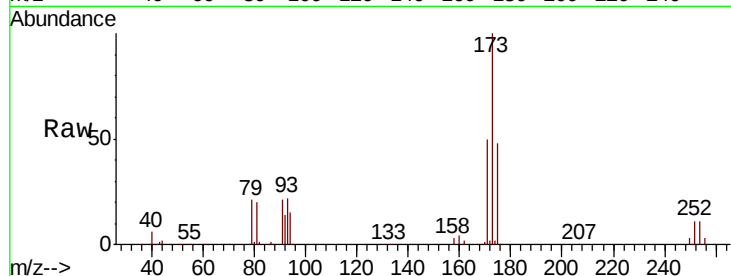
Tot Ion:173 Resp: 130277

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

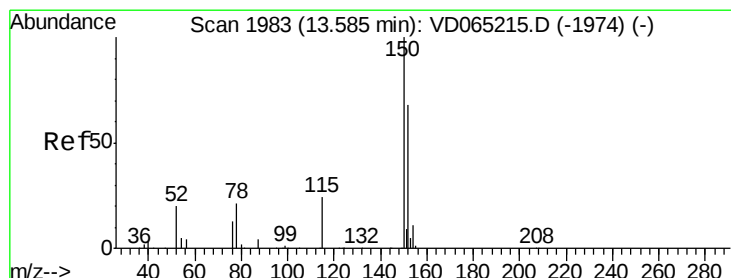
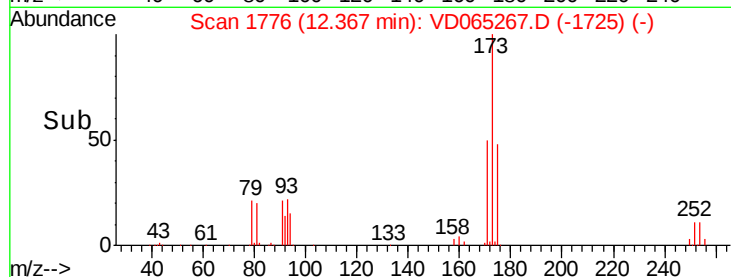
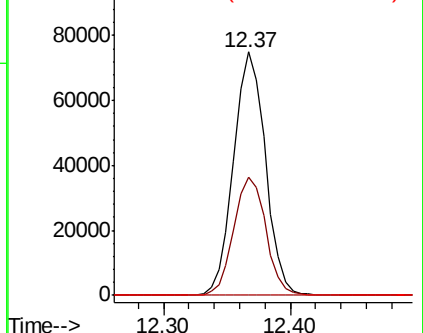
254 0.1 0.0 0.0#



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: VD065267.D

Acq: 21 Feb 2020 11:00

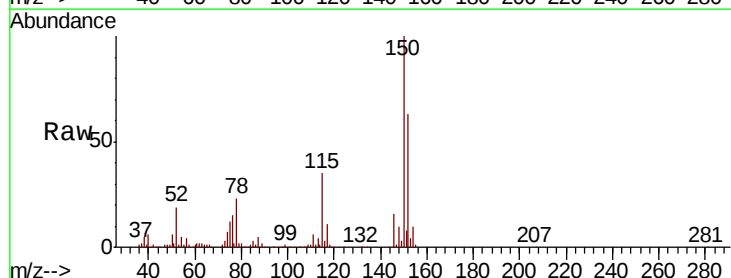
Tgt Ion:152 Resp: 326052

Ion Ratio Lower Upper

152 100

115 55.0 27.6 82.8

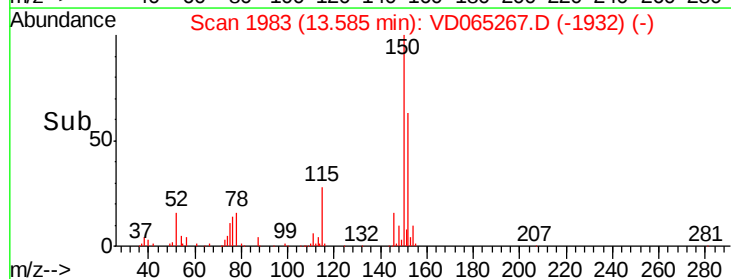
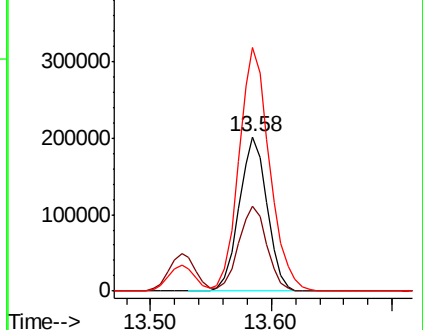
150 171.9 0.0 347.4

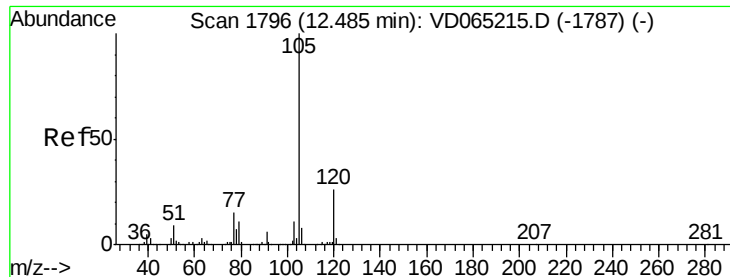


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.029 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

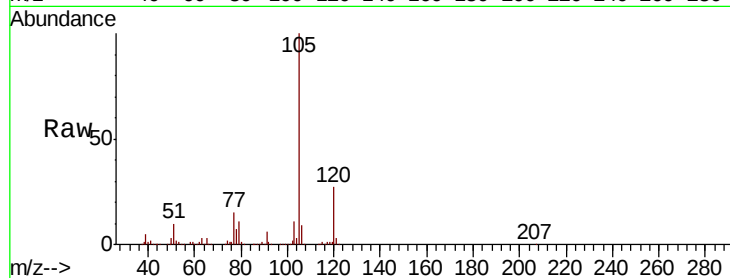
ClientSampleId :

Tot Ion:105 Resp: 1144682

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

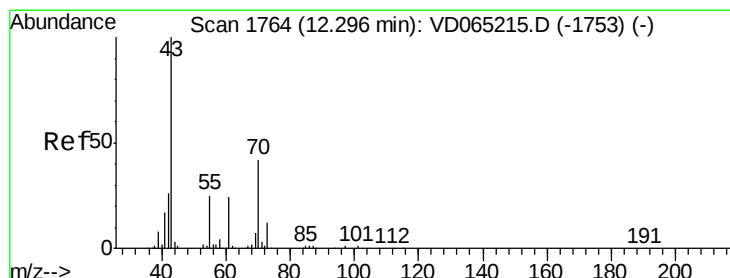
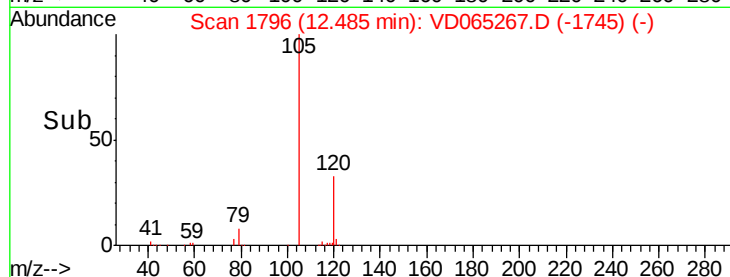
400000

200000

0

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 47.356 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Tgt Ion: 43 Resp: 227147

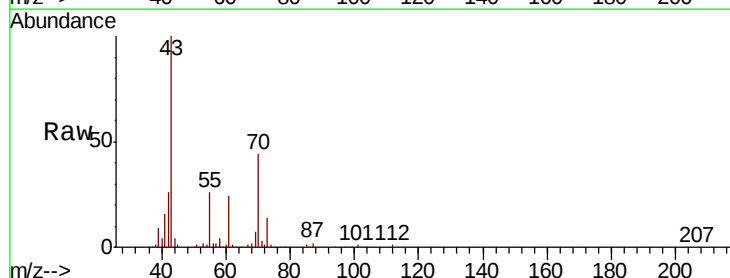
Ion Ratio Lower Upper

43 100

70 43.4 33.7 50.5

55 27.0 20.7 31.1

61 23.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

150000

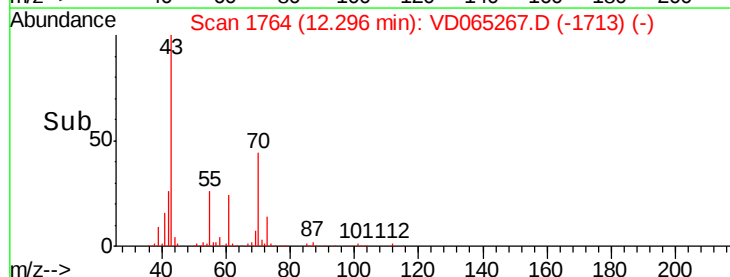
100000

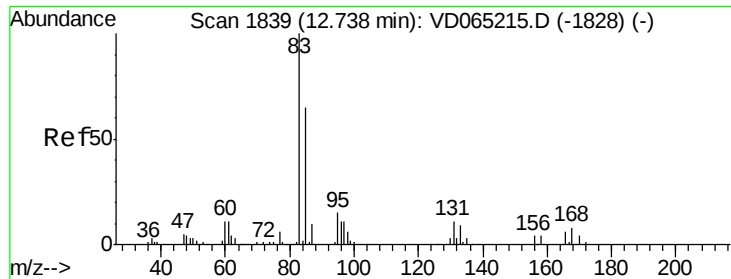
50000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.074 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

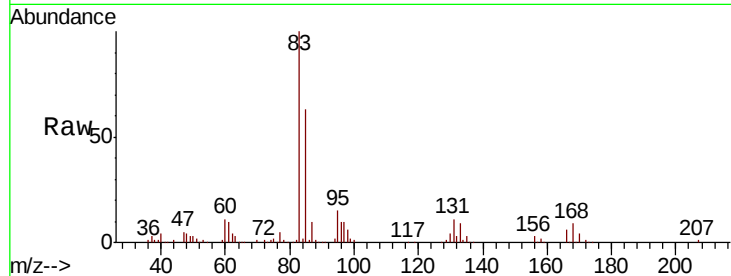
Tot Ion: 83 Resp: 183391

Ion Ratio Lower Upper

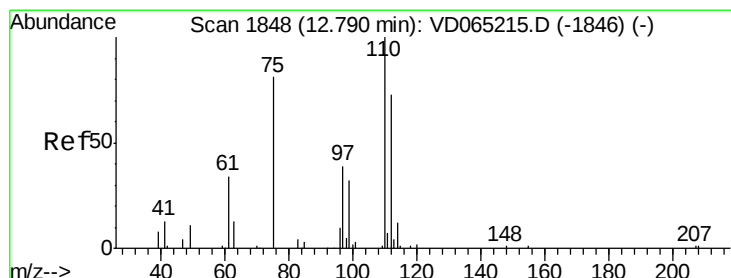
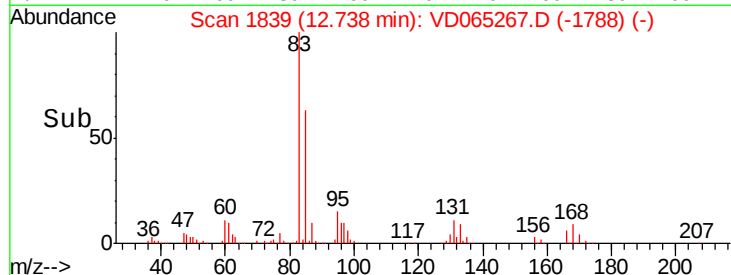
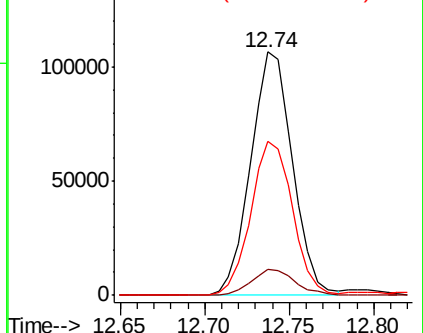
83 100

131 11.1 5.4 16.2

85 63.2 31.6 94.8



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: 86.073 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065267.D

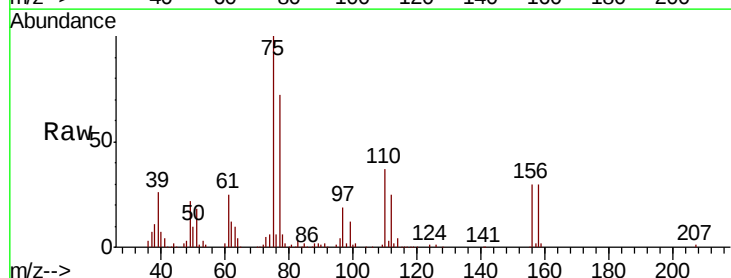
Acq: 21 Feb 2020 11:00

Tgt Ion: 75 Resp: 238778

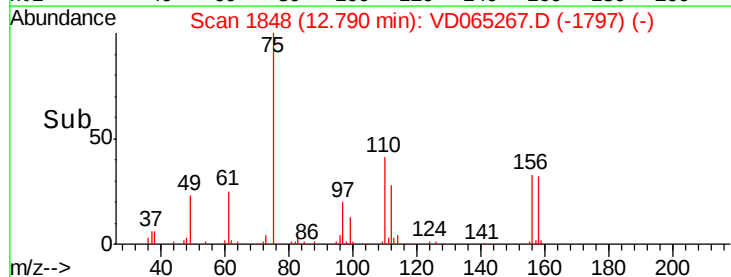
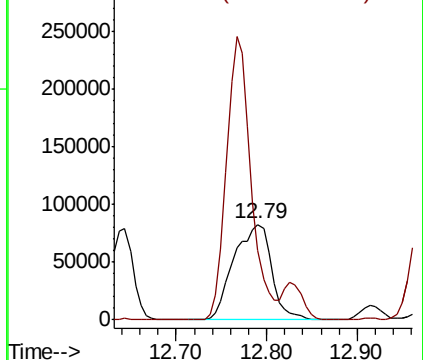
Ion Ratio Lower Upper

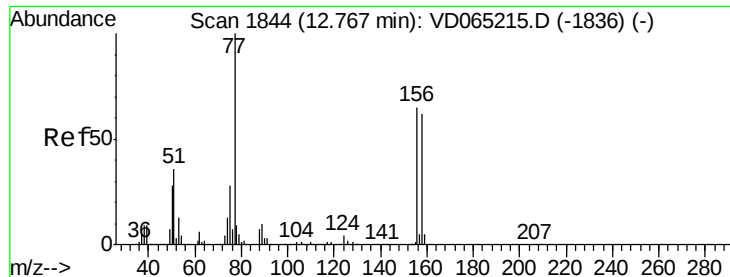
75 100

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: 49.850 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

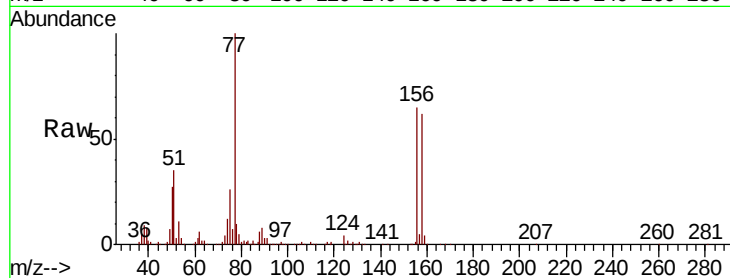
Tot Ion:156 Resp: 267207

Ion Ratio Lower Upper

156 100

77 172.4 86.6 259.7

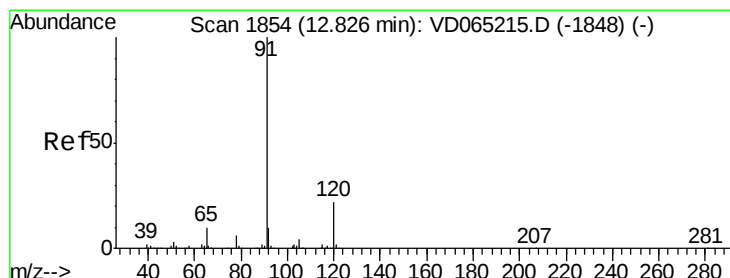
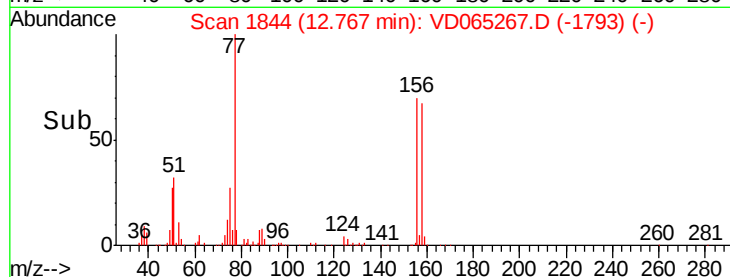
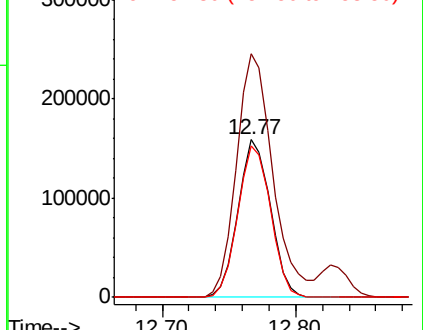
158 97.1 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.779 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065267.D

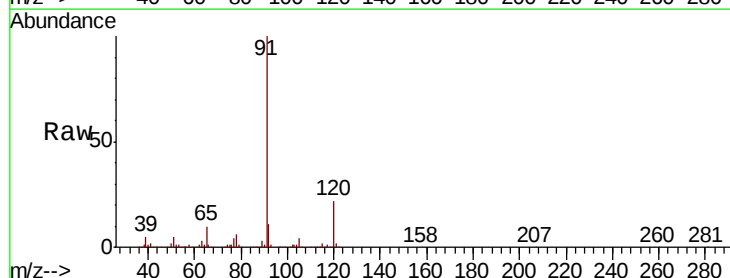
Acq: 21 Feb 2020 11:00

Tgt Ion: 91 Resp: 1369123

Ion Ratio Lower Upper

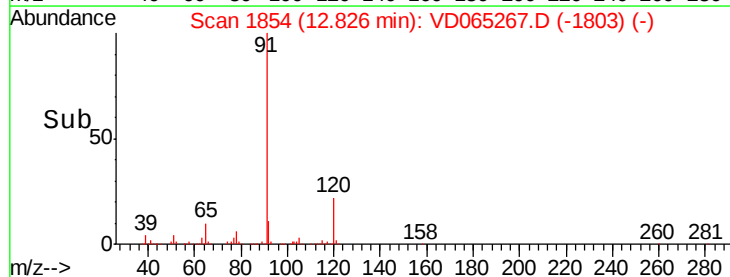
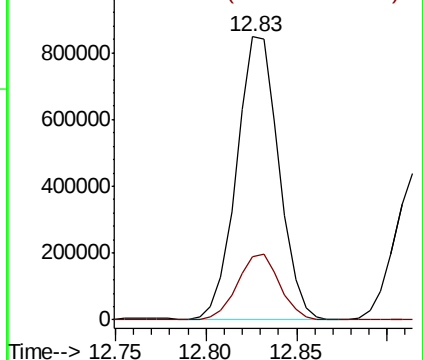
91 100

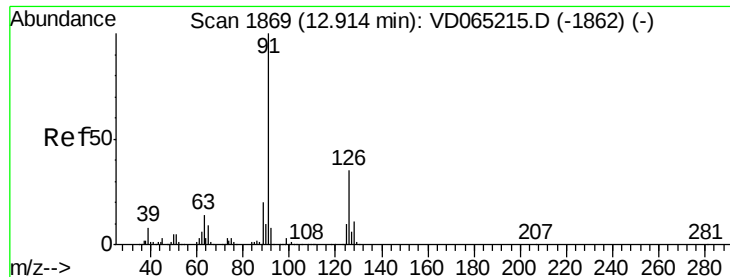
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

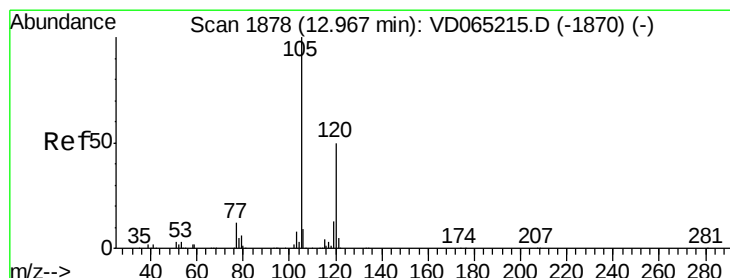
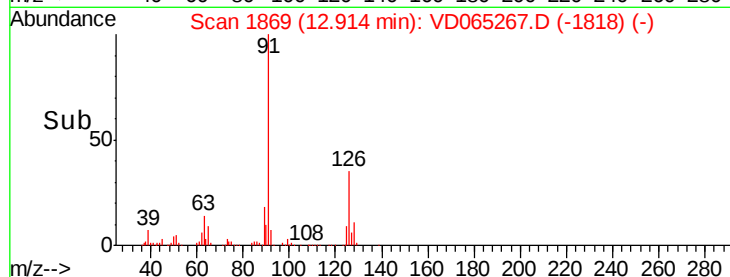
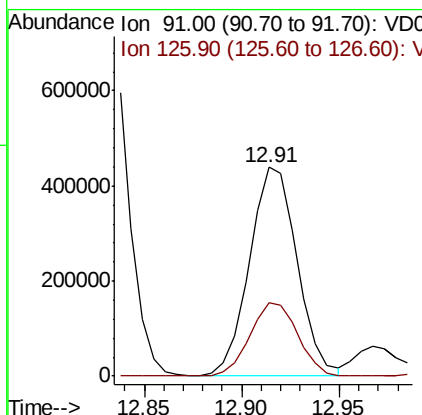
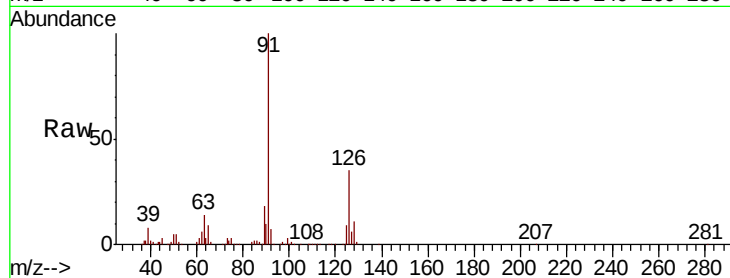




#79
 2-Chlorotoluene
 Concen: 51.083 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

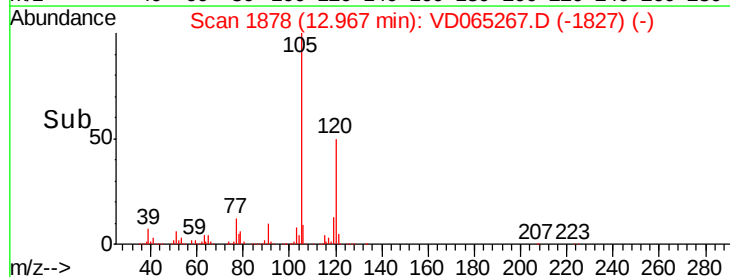
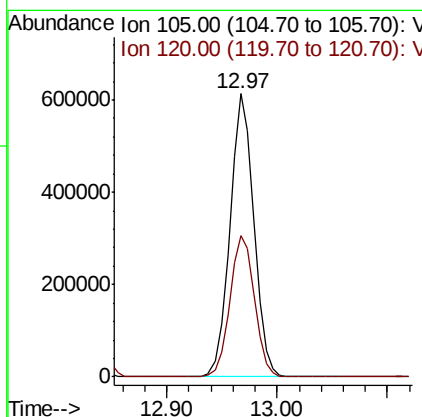
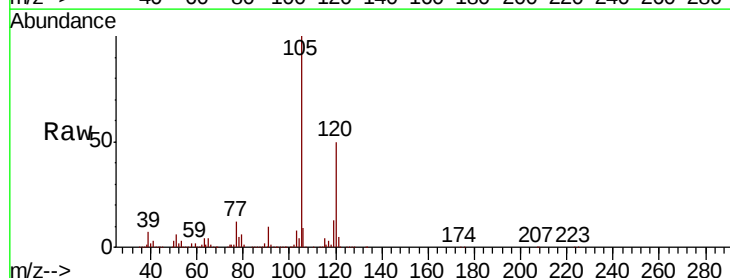
Instrument :
 MSVOA_D
 ClientSampleId :

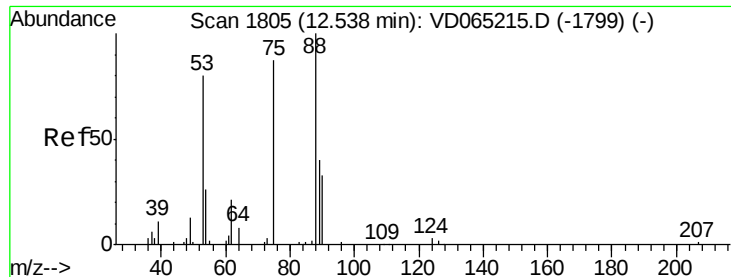
Tot Ion: 91 Resp: 742348
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.316 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Tgt Ion: 105 Resp: 930124
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.230 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

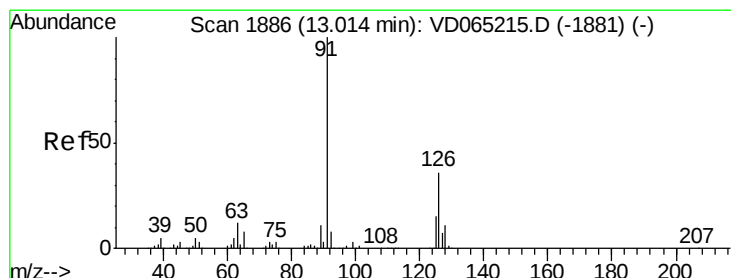
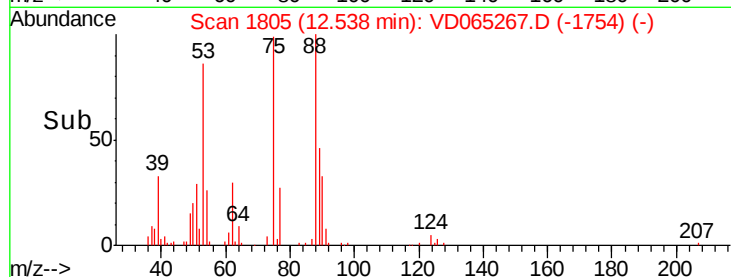
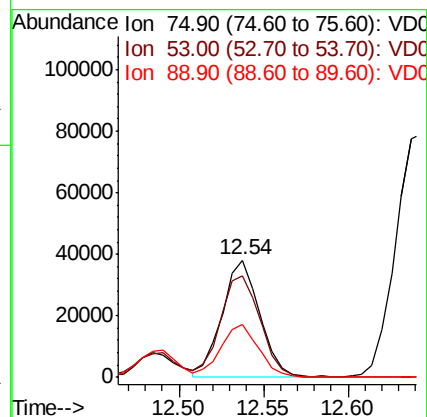
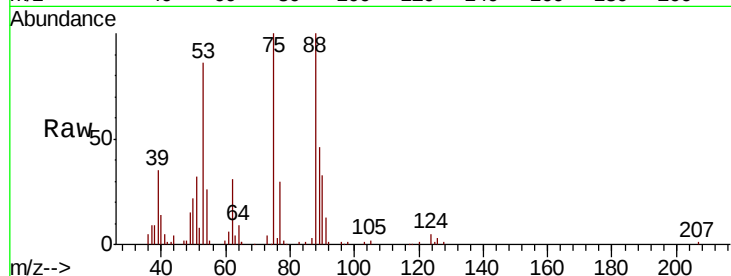
Tot Ion: 75 Resp: 59397

Ion Ratio Lower Upper

75 100

53 91.8 77.6 116.4

89 45.7 37.2 55.8



#82

4-Chlorotoluene

Concen: 50.838 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065267.D

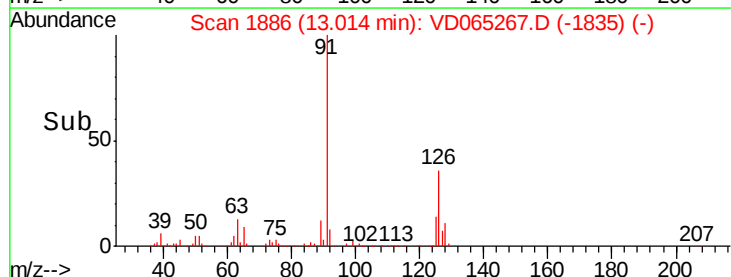
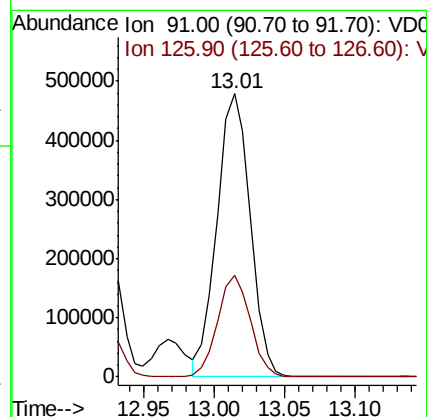
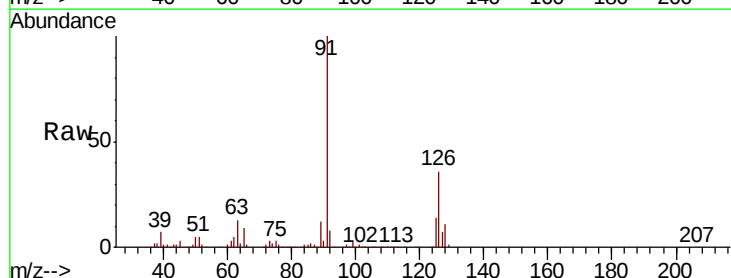
Acq: 21 Feb 2020 11:00

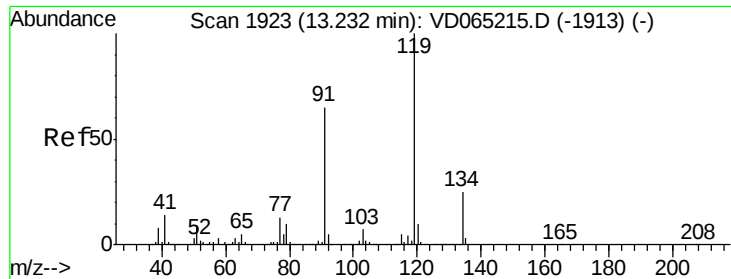
Tgt Ion: 91 Resp: 784313

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.3

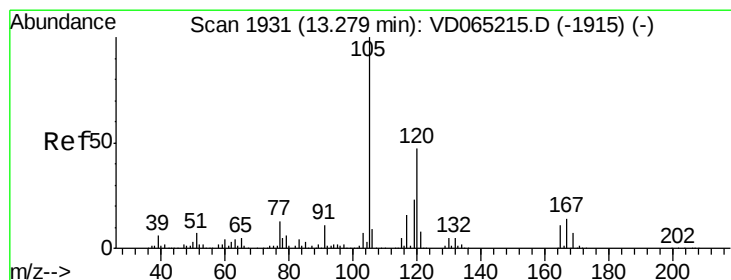
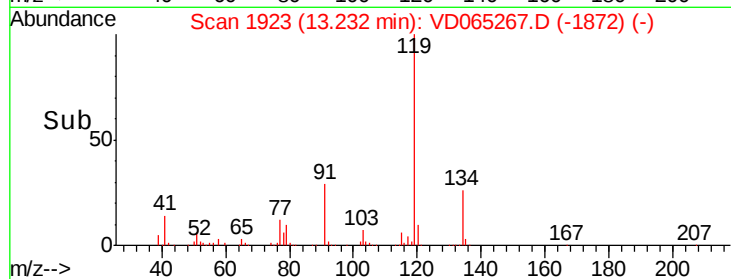
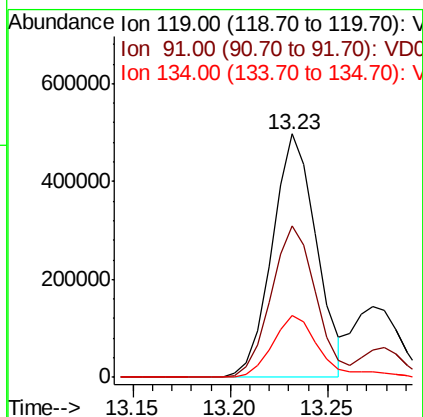
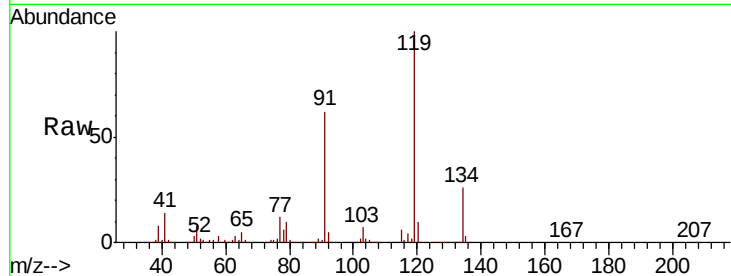




#83
tert-Butylbenzene
Concen: 52.298 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

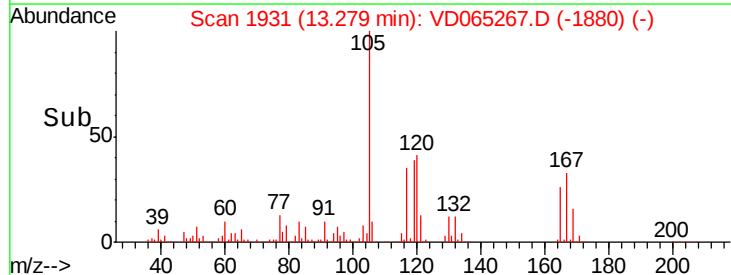
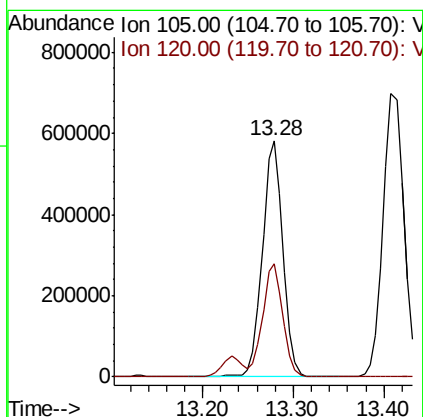
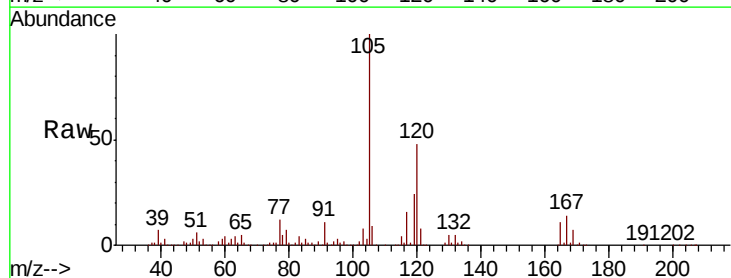
Instrument :
MSVOA_D
ClientSampleId :

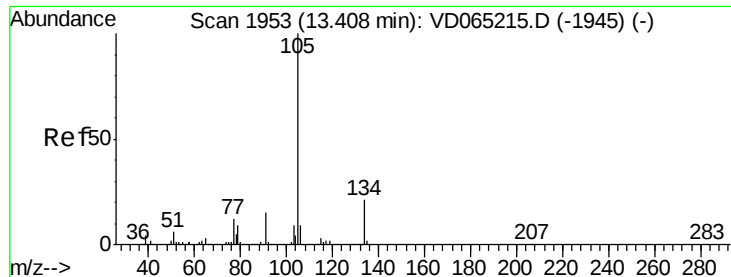
Tot Ion:119 Resp: 779292
Ion Ratio Lower Upper
119 100
91 63.0 31.9 95.5
134 27.4 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 51.878 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion:105 Resp: 923181
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.9

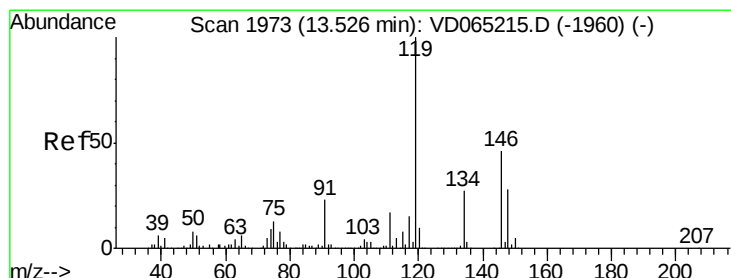
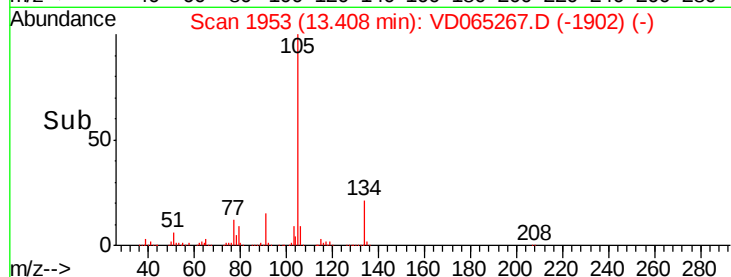
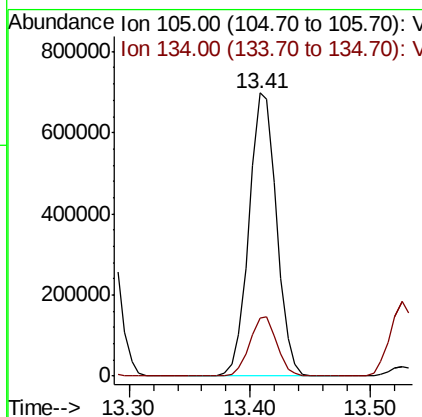
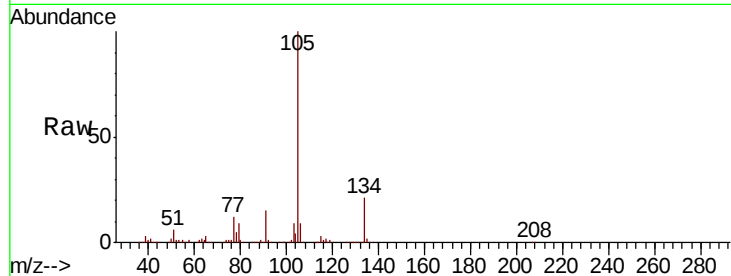




#85
 sec-Butylbenzene
 Concen: 51.824 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

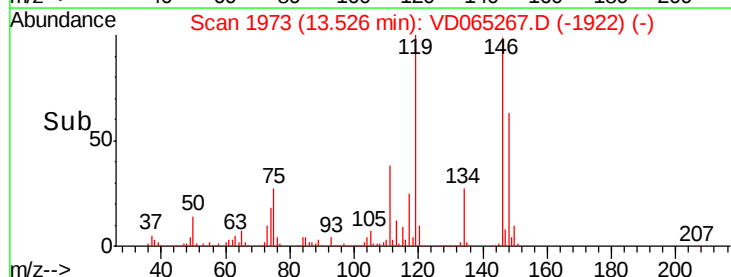
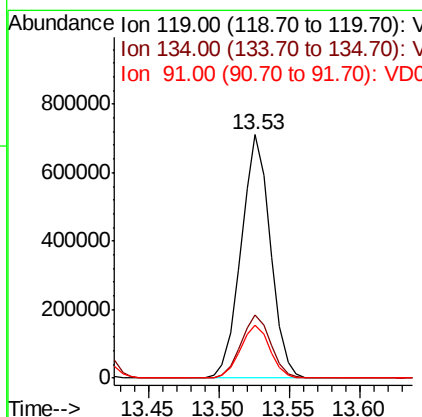
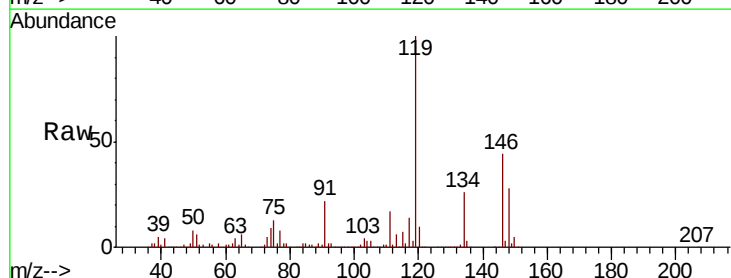
Instrument :
 MSVOA_D
 ClientSampled :

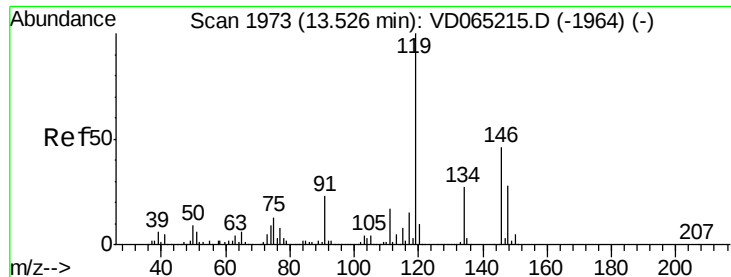
Tot Ion:105 Resp: 1112739
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 52.487 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Tgt Ion:119 Resp: 1030608
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 49.390 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

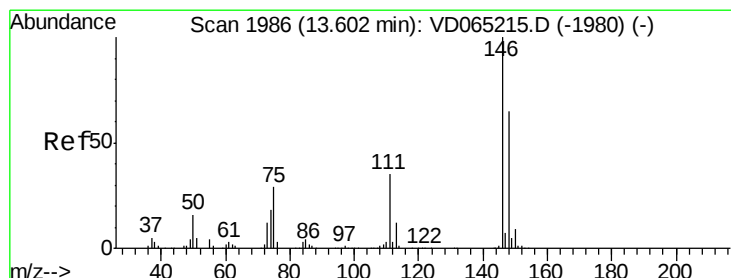
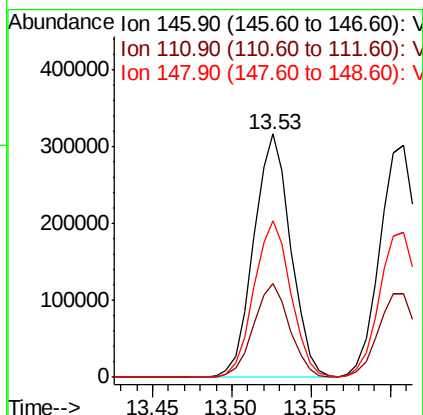
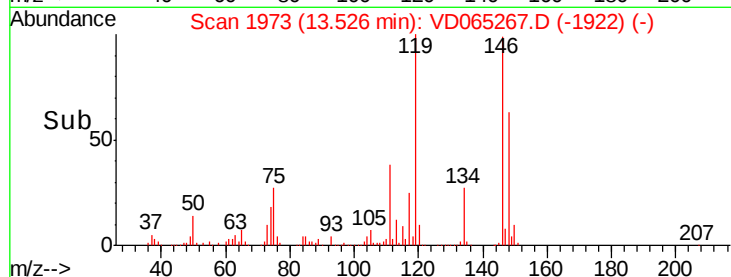
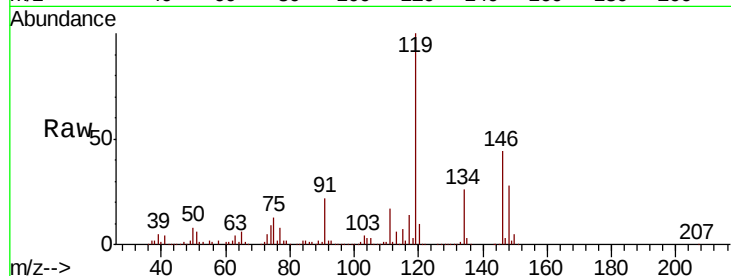
Tot Ion:146 Resp: 511808

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

148 64.1 31.4 94.3



#88

1,4-Dichlorobenzene

Concen: 48.931 ug/l

RT: 13.61 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VD065267.D

Acq: 21 Feb 2020 11:00

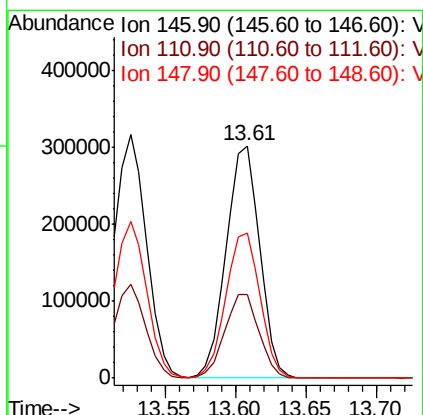
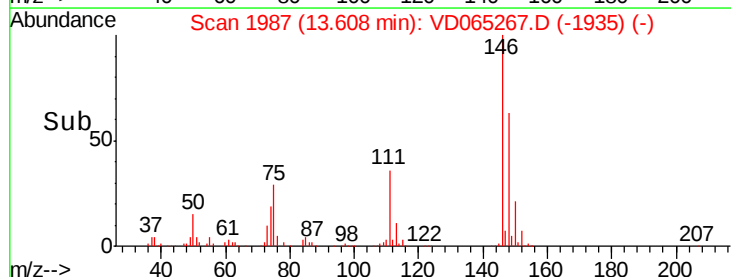
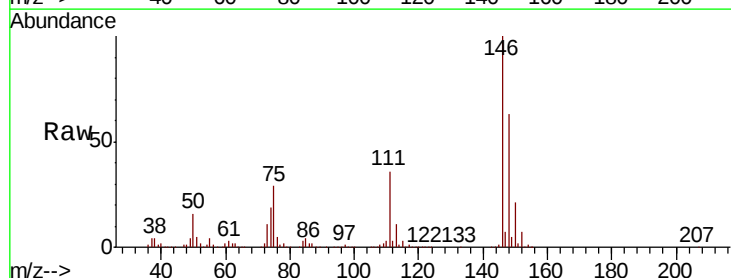
Tgt Ion:146 Resp: 500436

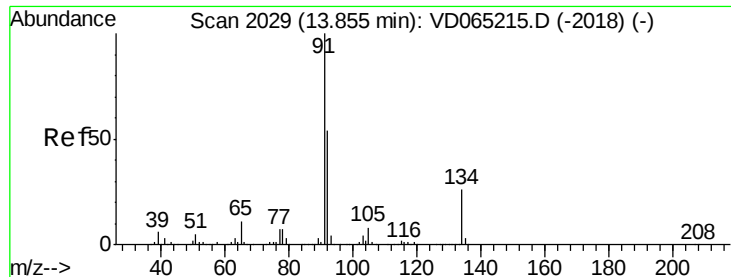
Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.2

148 63.6 32.1 96.5

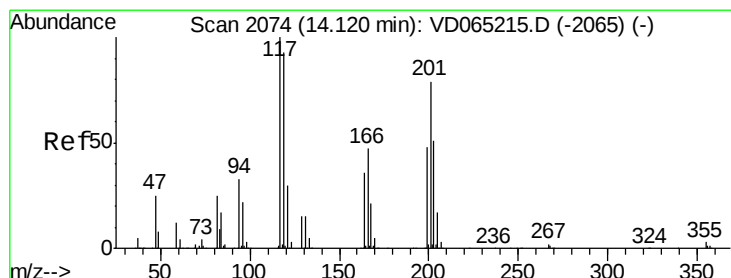
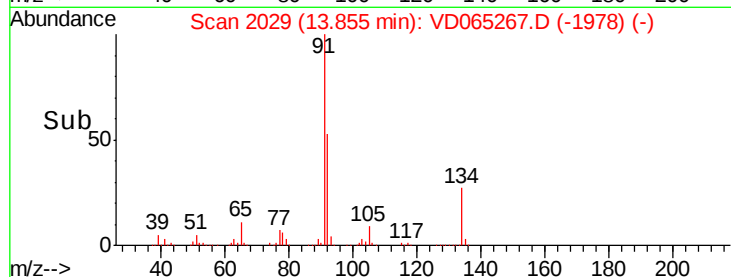
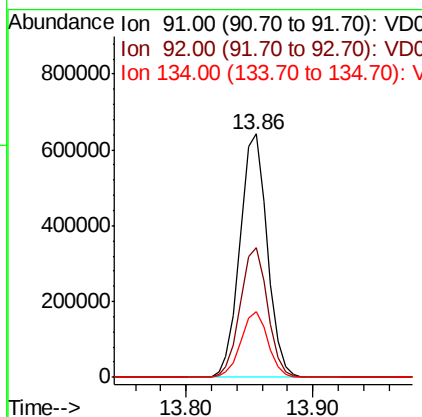
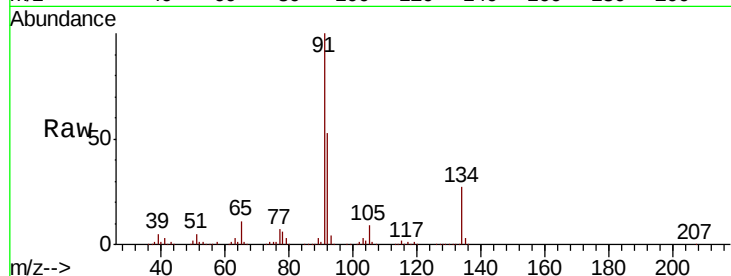




#89
n-Butylbenzene
Concen: 52.929 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

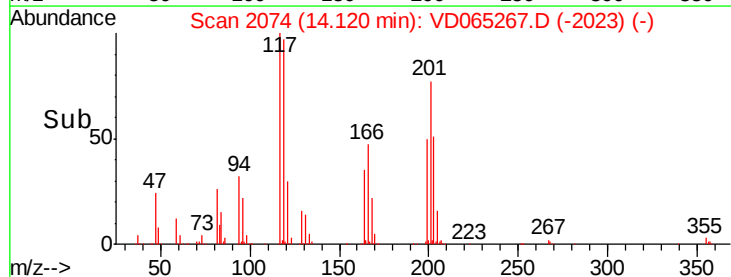
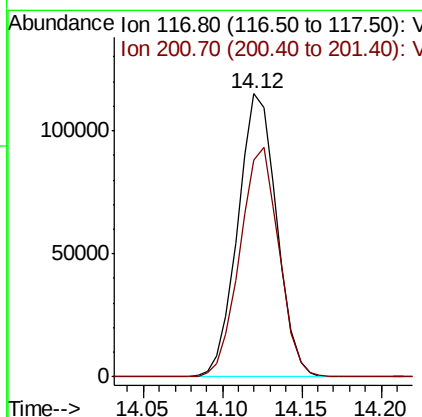
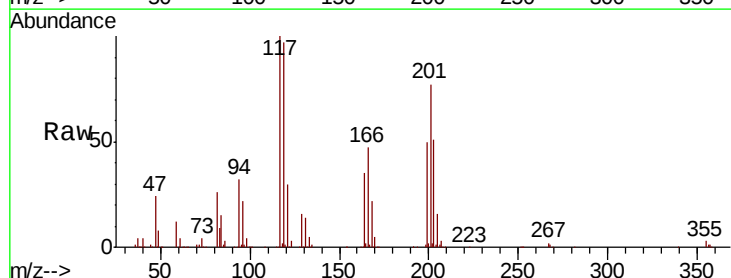
Instrument :
MSVOA_D
ClientSampleId :

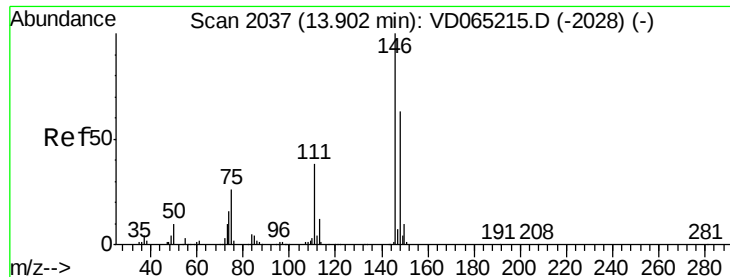
Tot Ion: 91 Resp: 957703
Ion Ratio Lower Upper
91 100
92 53.3 27.0 80.8
134 26.7 13.5 40.4



#90
Hexachloroethane
Concen: 49.211 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion: 117 Resp: 196203
Ion Ratio Lower Upper
117 100
201 81.3 41.3 124.1

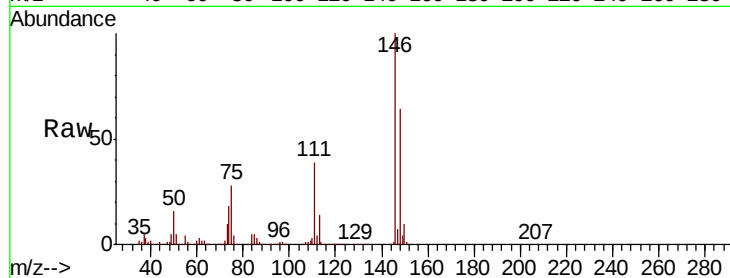




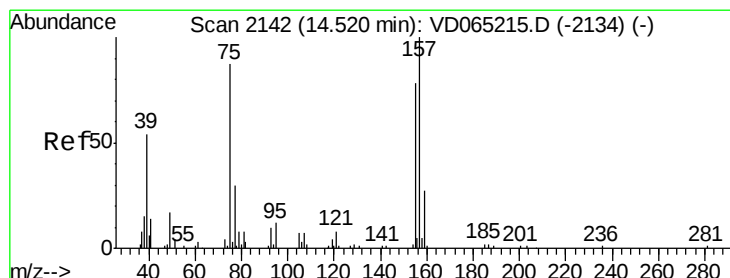
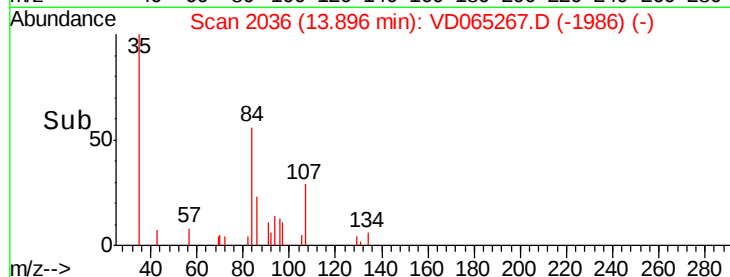
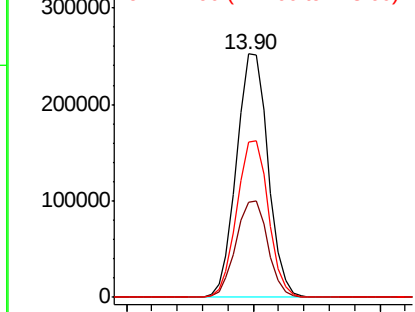
#91
 1,2-Dichlorobenzene
 Concen: 48.920 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.0
148	64.5	32.0	96.2

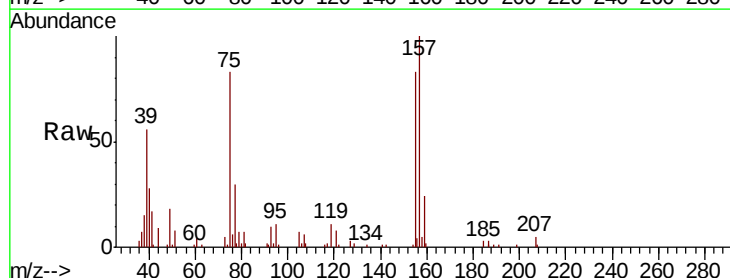


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

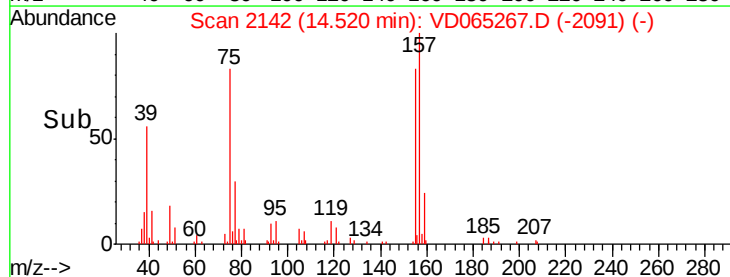
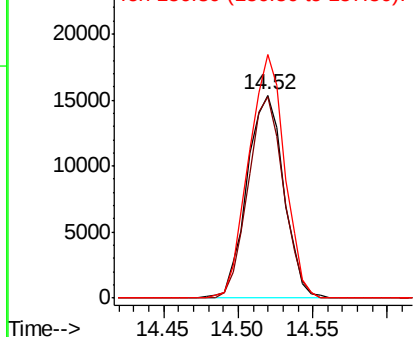


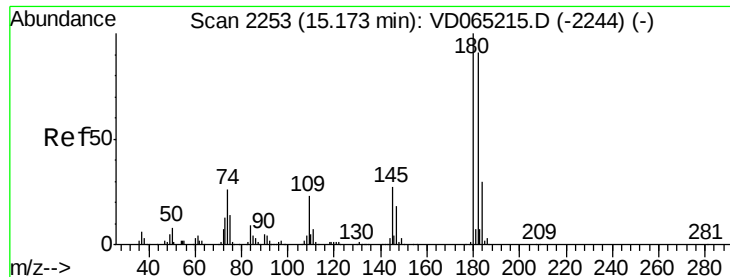
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.577 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	42.3	126.9
157	117.1	56.7	170.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

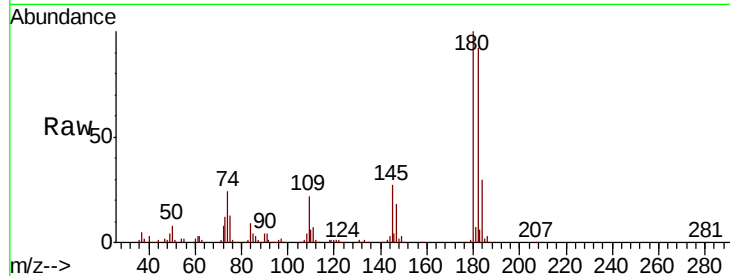




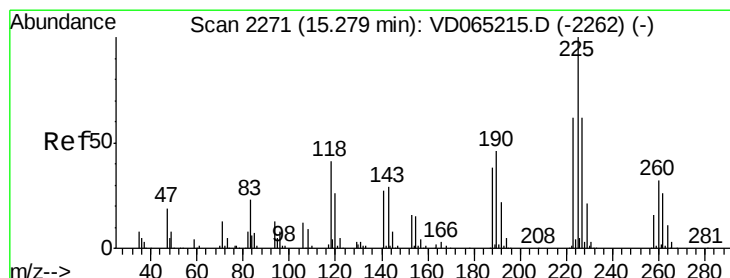
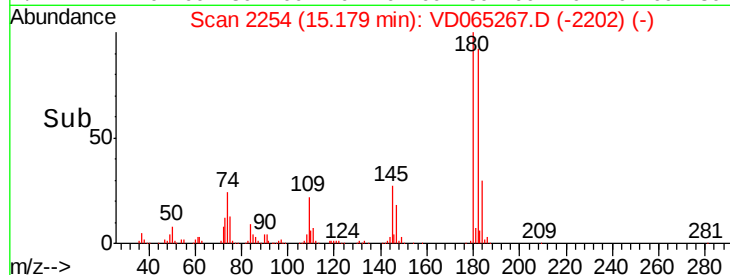
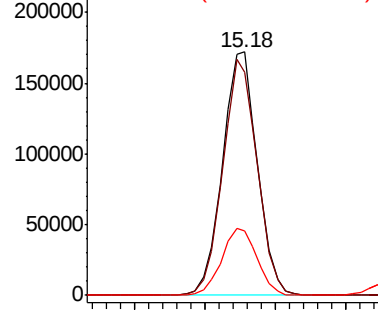
#93
 1,2,4-Trichlorobenzene
 Concen: 51.114 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.6
145	28.2	13.9	41.7

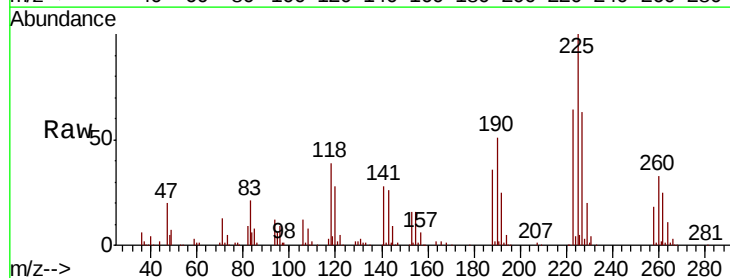


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

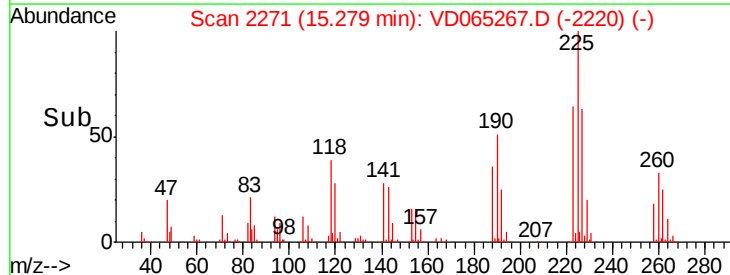
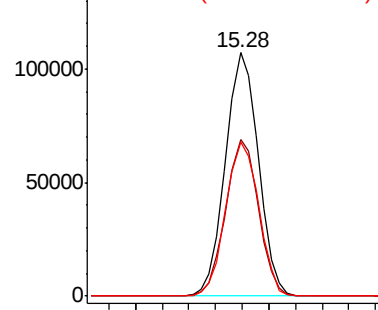


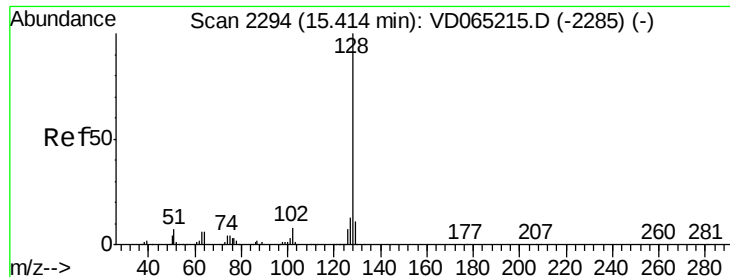
#94
 Hexachlorobutadiene
 Concen: 49.050 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065267.D
 Acq: 21 Feb 2020 11:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.4	94.2
227	63.5	31.7	95.1



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

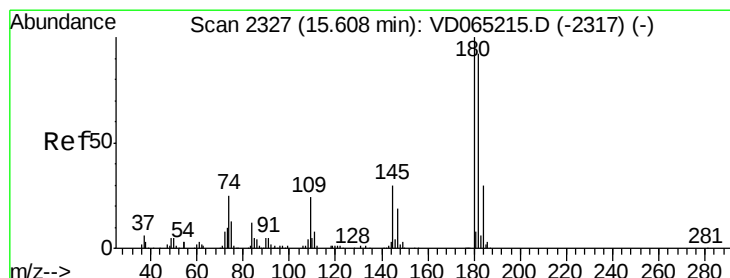
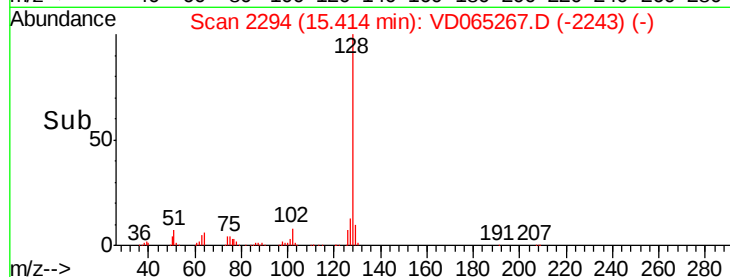
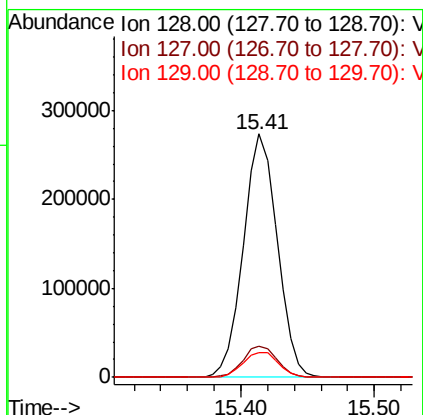
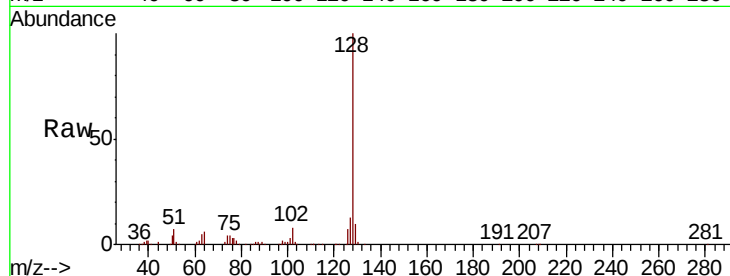




#95
Naphthalene
Concen: 50.790 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.185 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065267.D
Acq: 21 Feb 2020 11:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.9	140.6
145	30.0	15.4	46.1

