

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065318.D
 Acq On : 26 Feb 2020 10:17
 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 27 07:59:31 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	500441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	717560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	658526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	326873	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	197546	43.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.76%	
35) Dibromofluoromethane	7.92	113	211178	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	10.34	98	830789	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.64	95	266941	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	205318	48.916	ug/l	100
3) Chloromethane	2.21	50	237224	44.403	ug/l	99
4) Vinyl Chloride	2.35	62	246574	45.388	ug/l	97
5) Bromomethane	2.77	94	143150	43.581	ug/l	96
6) Chloroethane	2.93	64	149795	45.172	ug/l	98
7) Trichlorofluoromethane	3.27	101	364784	46.901	ug/l	97
8) Diethyl Ether	3.71	74	108259	46.112	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	233366	47.512	ug/l	99
10) Methyl Iodide	4.30	142	247752	48.581	ug/l	100
11) Tert butyl alcohol	5.24	59	60538	225.029	ug/l #	89
12) 1,1-Dichloroethene	4.06	96	219848	47.383	ug/l	98
13) Acrolein	3.93	56	80471	243.428	ug/l	100
14) Allyl chloride	4.71	41	341988	45.389	ug/l	99
15) Acrylonitrile	5.43	53	232339	223.524	ug/l	99
16) Acetone	4.17	43	272891	247.967	ug/l	98
17) Carbon Disulfide	4.40	76	707469	45.480	ug/l	98
18) Methyl Acetate	4.72	43	107269	43.339	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	446848	46.183	ug/l	95
20) Methylene Chloride	4.96	84	243007	49.561	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	250283	47.450	ug/l	99
22) Diisopropyl ether	6.37	45	690505	47.539	ug/l	99
23) Vinyl Acetate	6.31	43	1911722	238.737	ug/l	100
24) 1,1-Dichloroethane	6.27	63	417669	46.359	ug/l	97
25) 2-Butanone	7.22	43	318222	228.544	ug/l	99
26) 2,2-Dichloropropane	7.21	77	368602	47.155	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	265602	47.538	ug/l	99
28) Bromochloromethane	7.55	49	154988	46.369	ug/l	100
29) Tetrahydrofuran	7.57	42	188971	231.630	ug/l	99
30) Chloroform	7.71	83	425585	46.887	ug/l	100
31) Cyclohexane	7.98	56	398791	45.051	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	383147	47.179	ug/l	99
36) 1,1-Dichloropropene	8.11	75	346110	49.572	ug/l	100
37) Ethyl Acetate	7.30	43	132416	45.367	ug/l	100
38) Carbon Tetrachloride	8.10	117	352184	49.551	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	426622	51.975	ug/l	99
40) Benzene	8.36	78	971492	49.297	ug/l	100
41) Methacrylonitrile	7.53	41	74262	44.065	ug/l	99
42) 1,2-Dichloroethane	8.43	62	253720	46.831	ug/l	100
43) Isopropyl Acetate	8.46	43	244607	46.085	ug/l	98
44) Trichloroethene	9.11	130	268638	49.176	ug/l	98
45) 1,2-Dichloropropane	9.39	63	242125	49.410	ug/l	99
46) Dibromomethane	9.48	93	122546	48.604	ug/l	99
47) Bromodichloromethane	9.67	83	322762	48.575	ug/l	99
48) Methyl methacrylate	9.46	41	116174	47.353	ug/l	95
49) 1,4-Dioxane	9.47	88	28209	953.934	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	645221	239.340	ug/l	99
52) Toluene	10.41	92	624146	51.167	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	301059	48.882	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	368372	49.531	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	172490	48.606	ug/l	96
56) Ethyl methacrylate	10.67	69	207265	50.601	ug/l	99
57) 1,3-Dichloropropane	10.95	76	293413	48.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	290108	224.651	ug/l	98
59) 2-Hexanone	10.99	43	499142	258.652	ug/l	97
60) Dibromochloromethane	11.14	129	224720	49.474	ug/l	99
61) 1,2-Dibromoethane	11.25	107	164522	48.965	ug/l	99
64) Tetrachloroethene	10.88	164	229182	49.070	ug/l	97
65) Chlorobenzene	11.68	112	649090	49.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	239177	48.500	ug/l	100
67) Ethyl Benzene	11.75	91	1162059	50.209	ug/l	100
68) m/p-Xylenes	11.86	106	906776	102.403	ug/l	99
69) o-Xylene	12.18	106	400050	50.994	ug/l	99
70) Styrene	12.20	104	718227	51.565	ug/l	99
71) Bromoform	12.37	173	129683	47.390	ug/l #	100
73) Isopropylbenzene	12.48	105	1115881	51.564	ug/l	99
74) N-amyl acetate	12.30	43	223997	46.582	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	182655	46.767	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	234251	84.229	ug/l #	100
77) Bromobenzene	12.77	156	266022	49.504	ug/l	99
78) n-propylbenzene	12.83	91	1335585	51.357	ug/l	99
79) 2-Chlorotoluene	12.91	91	732361	50.270	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	912872	51.217	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	58769	45.626	ug/l	95
82) 4-Chlorotoluene	13.01	91	767538	49.625	ug/l	99
83) tert-Butylbenzene	13.23	119	768502	51.444	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	907213	50.852	ug/l	100
85) sec-Butylbenzene	13.41	105	1103044	51.243	ug/l	100
86) p-Isopropyltoluene	13.53	119	1018353	51.732	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	505973	48.705	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	495478	48.325	ug/l	99
89) n-Butylbenzene	13.85	91	941894	51.925	ug/l	100
90) Hexachloroethane	14.12	117	196676	49.206	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	435071	48.775	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	26376	43.823	ug/l	93

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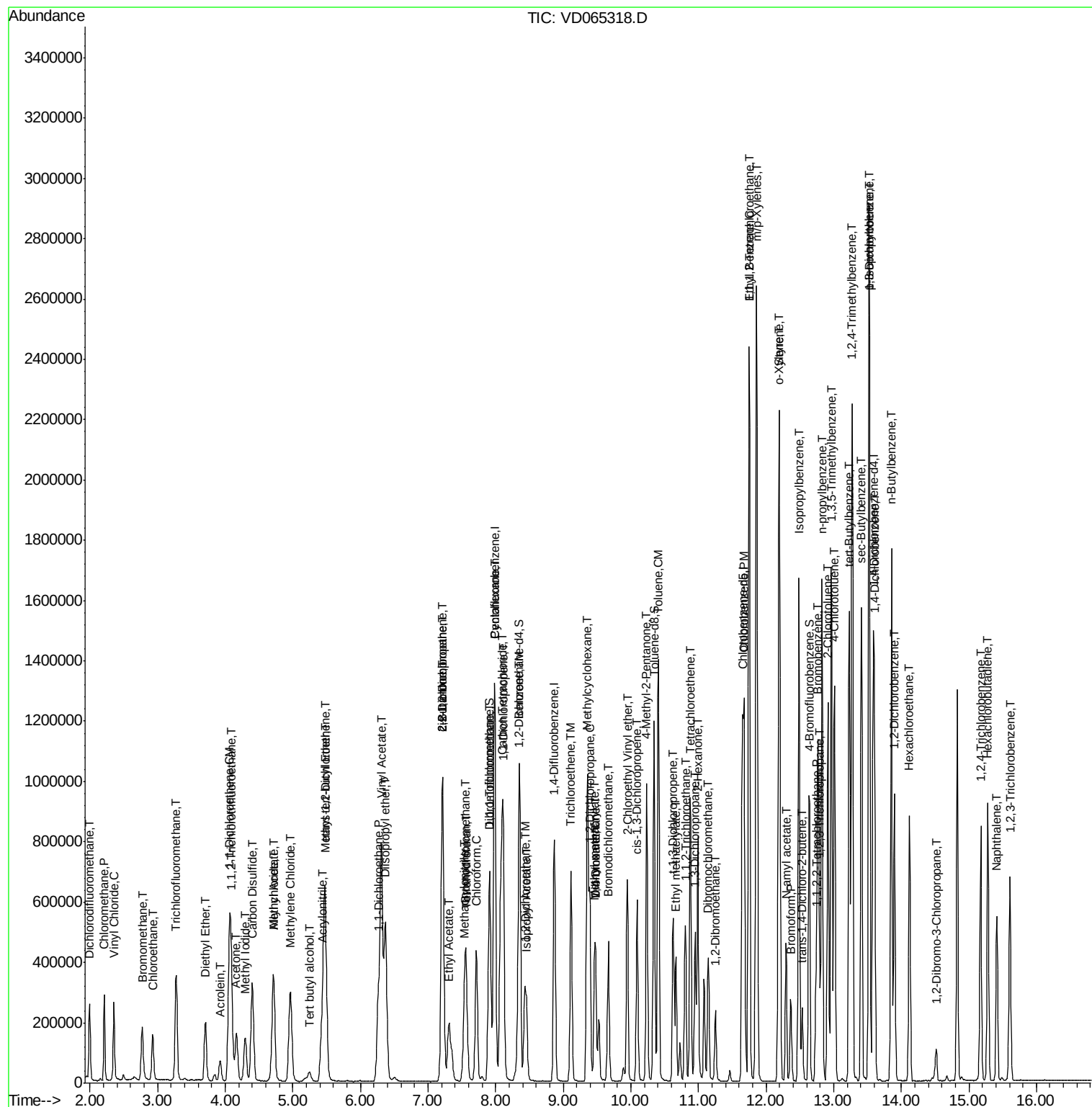
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	297484	50.985	ug/l	99
94) Hexachlorobutadiene	15.28	225	191241	51.095	ug/l	100
95) Naphthalene	15.41	128	482736	50.893	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	256931	50.420	ug/l	99

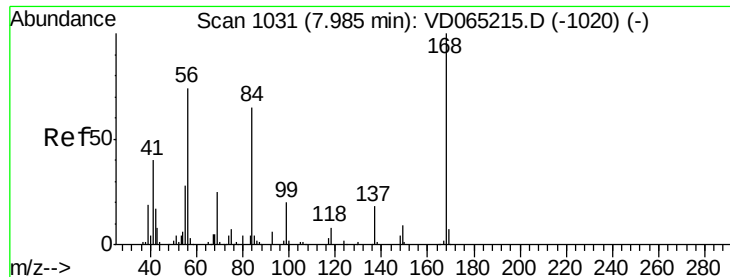
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

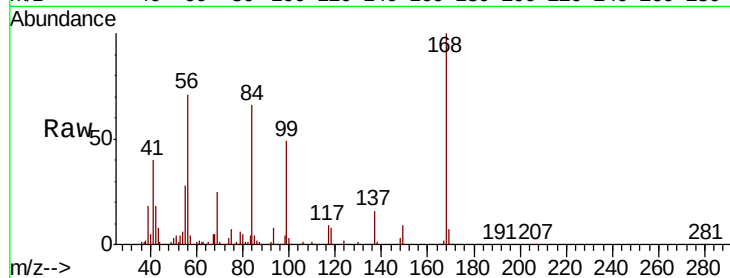
ClientSampleId :

Tot Ion:168 Resp: 500441

Ion Ratio Lower Upper

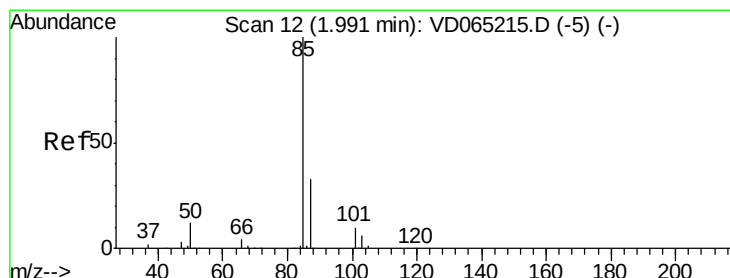
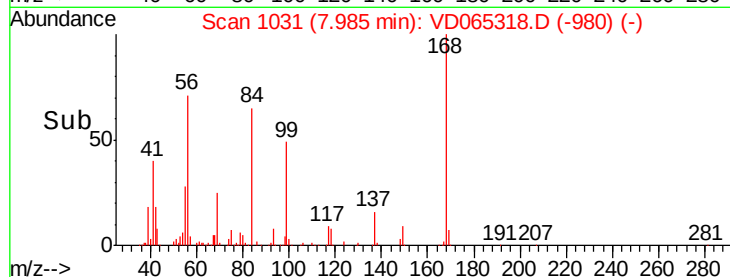
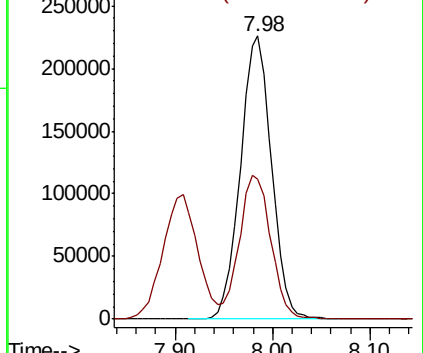
168 100

99 49.2 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.916 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065318.D

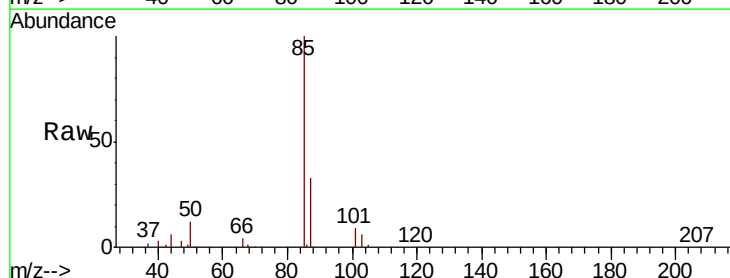
Acq: 26 Feb 2020 10:17

Tgt Ion: 85 Resp: 205318

Ion Ratio Lower Upper

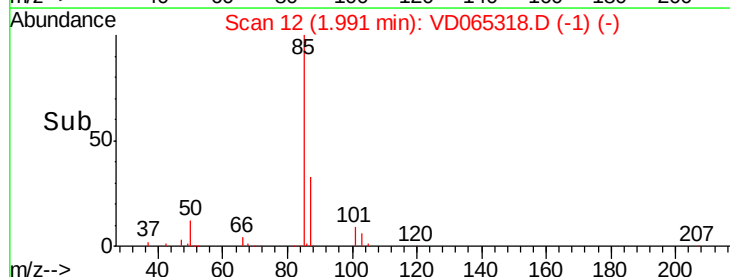
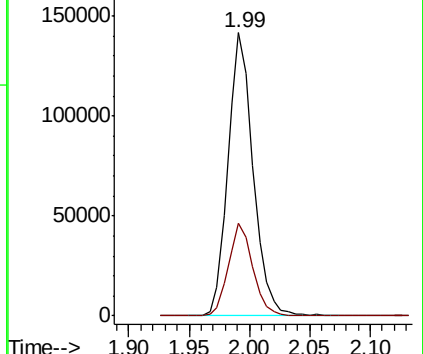
85 100

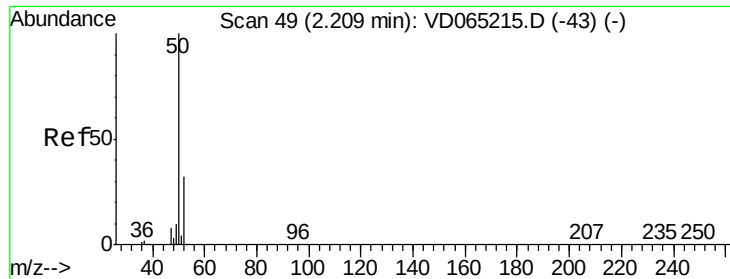
87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.403 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

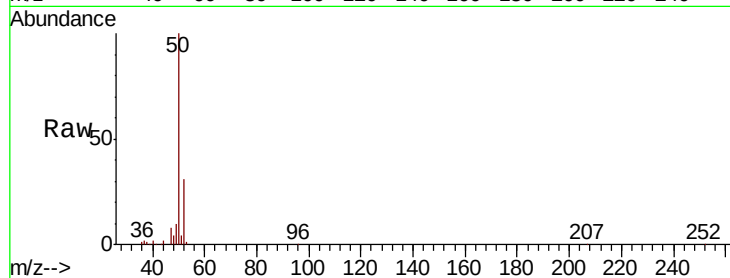
ClientSampleId :

Tot Ion: 50 Resp: 237224

Ion Ratio Lower Upper

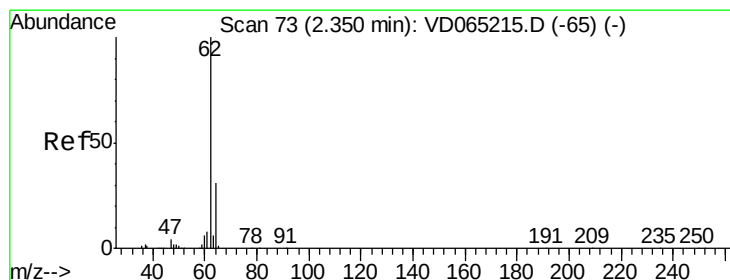
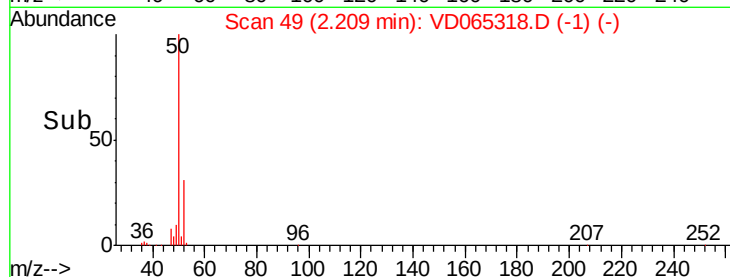
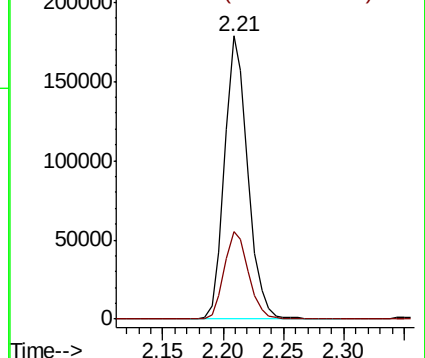
50 100

52 31.1 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: 45.388 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065318.D

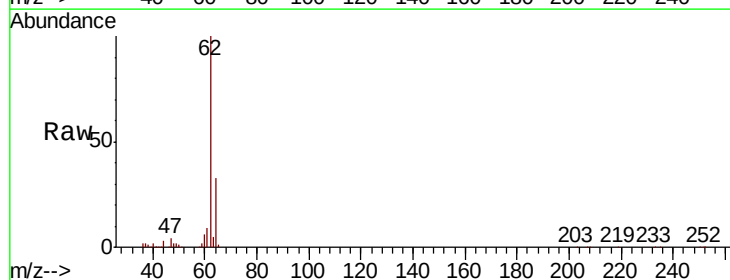
Acq: 26 Feb 2020 10:17

Tgt Ion: 62 Resp: 246574

Ion Ratio Lower Upper

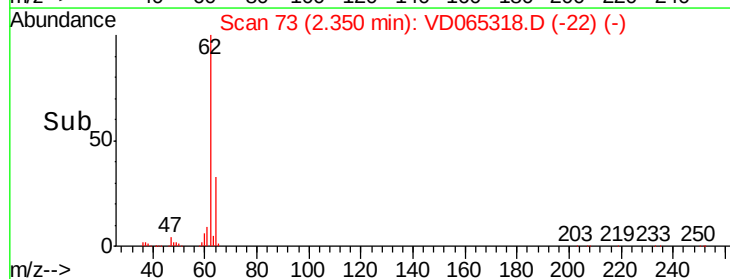
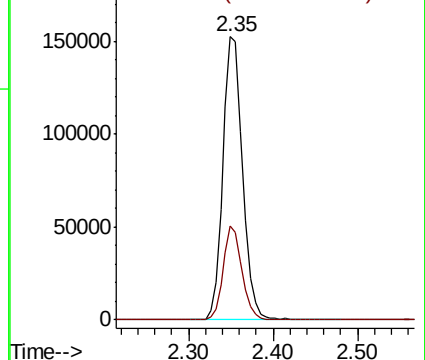
62 100

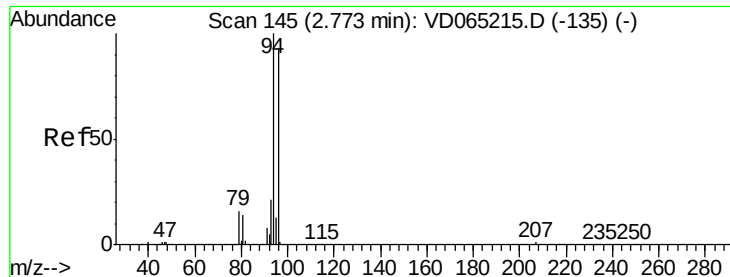
64 33.2 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 43.581 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

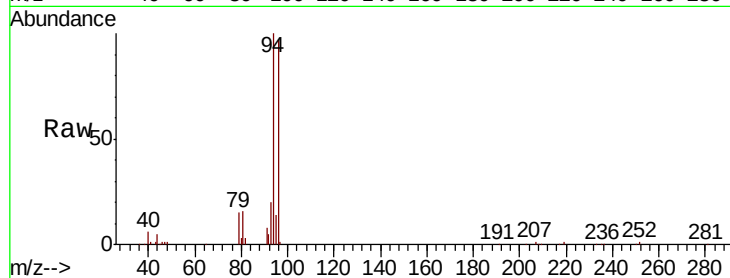
ClientSampleId :

Tot Ion: 94 Resp: 143150

Ion Ratio Lower Upper

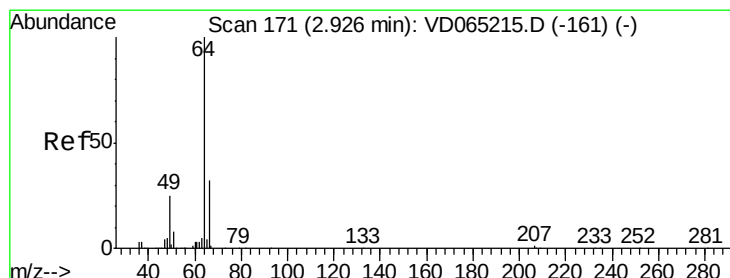
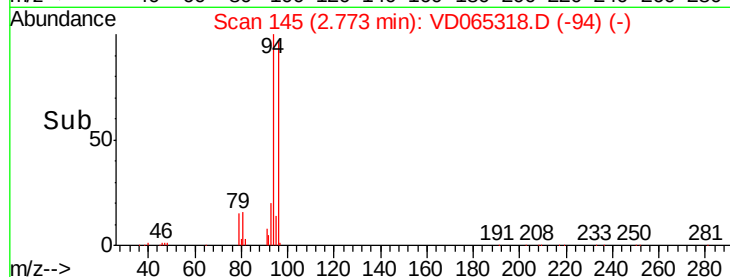
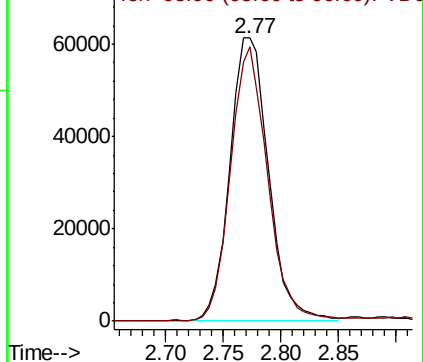
94 100

96 96.5 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: 45.172 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065318.D

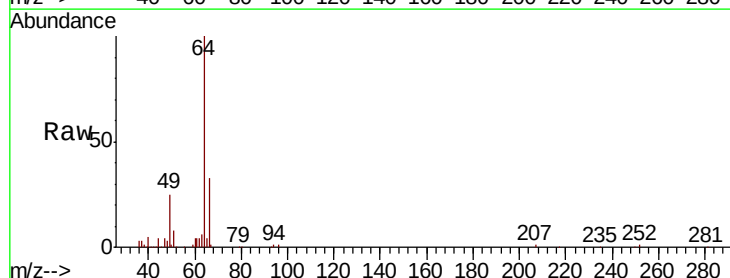
Acq: 26 Feb 2020 10:17

Tgt Ion: 64 Resp: 149795

Ion Ratio Lower Upper

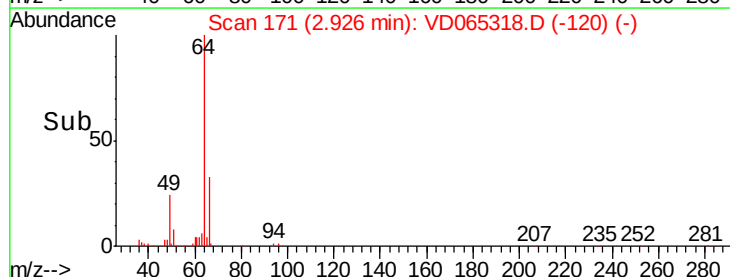
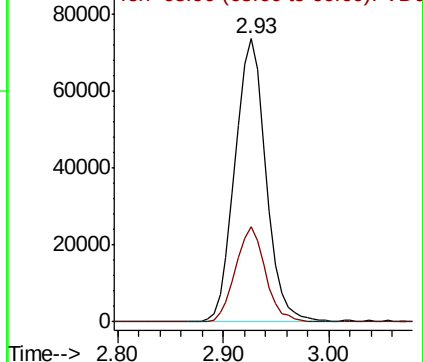
64 100

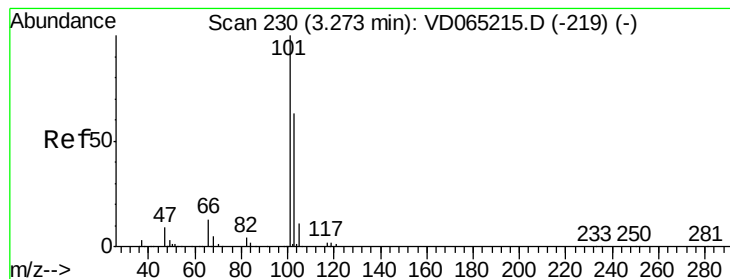
66 33.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



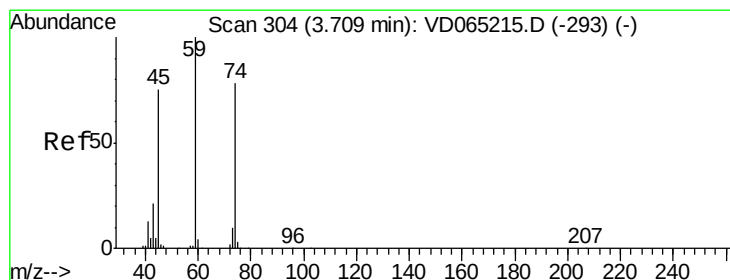
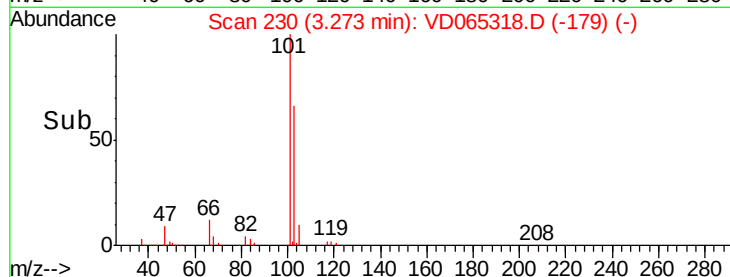
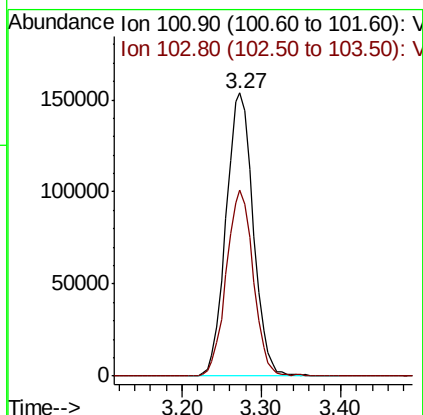
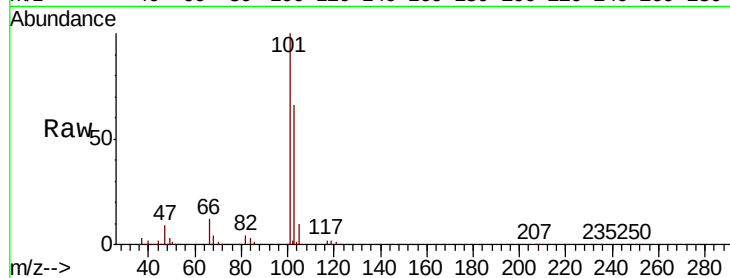


#7

Trichlorofluoromethane
 Concen: 46.901 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Instrument :
 MSVOA_D
 ClientSampleId :

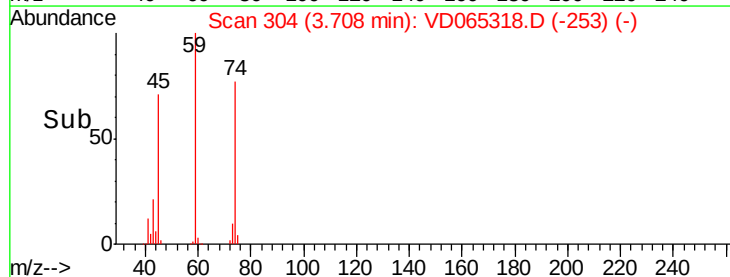
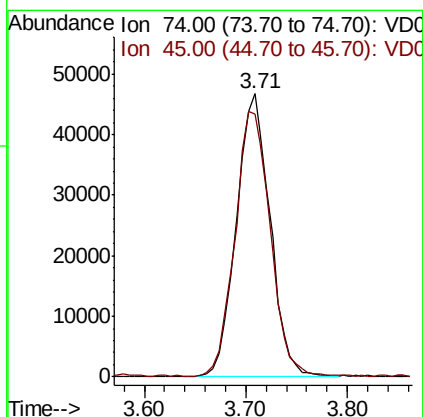
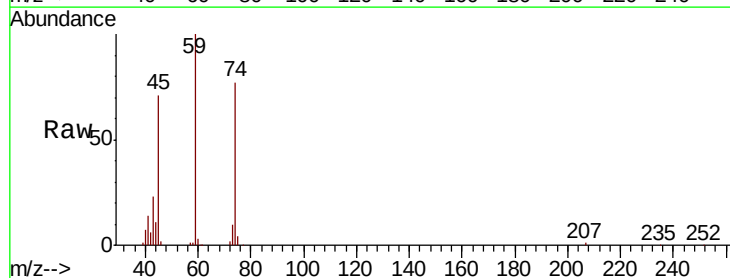
Tot Ion:101 Resp: 364784
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.7 76.1

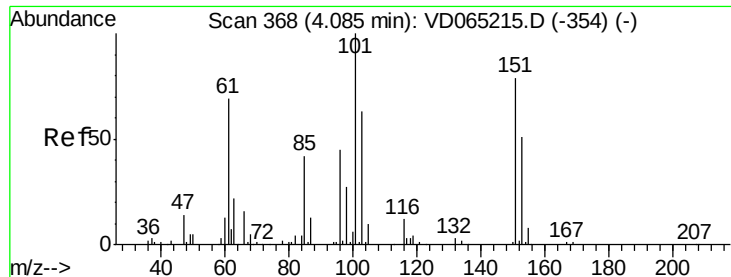


#8

Diethyl Ether
 Concen: 46.112 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Tgt Ion: 74 Resp: 108259
 Ion Ratio Lower Upper
 74 100
 45 98.5 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.512 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

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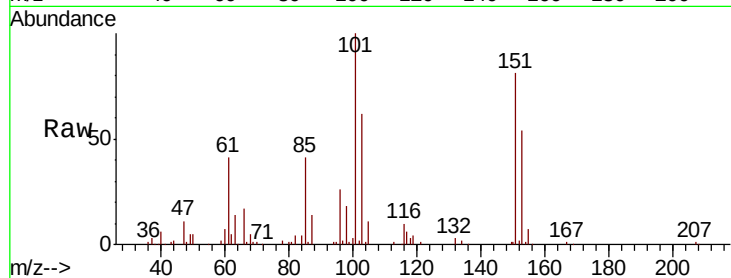
Tot Ion:101 Resp: 233366

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.2

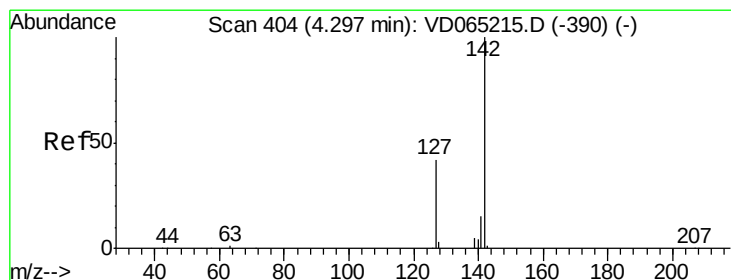
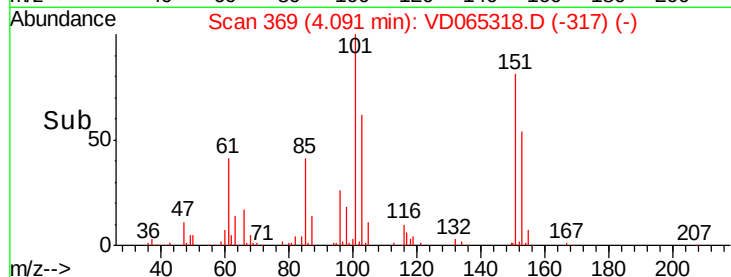
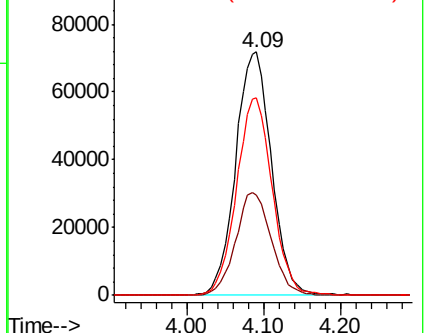
151 81.0 63.5 95.3



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: 48.581 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

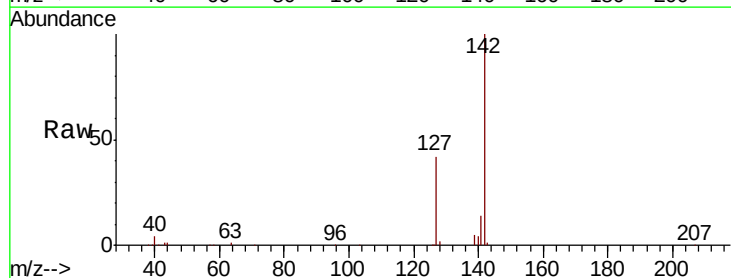
Tgt Ion:142 Resp: 247752

Ion Ratio Lower Upper

142 100

127 42.4 33.8 50.8

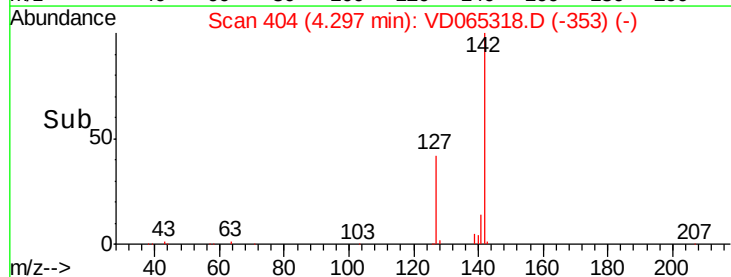
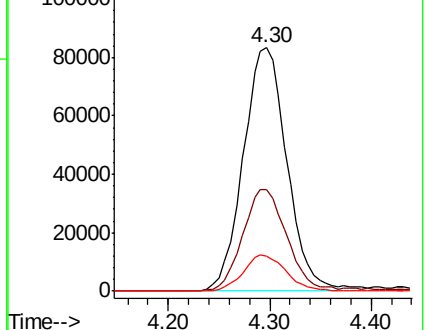
141 14.5 11.7 17.5

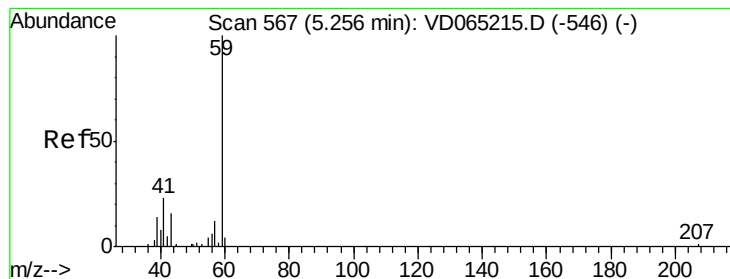


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



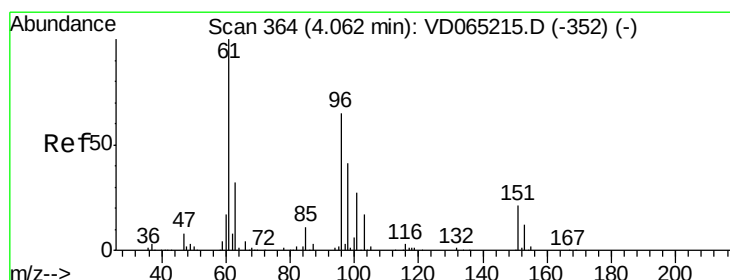
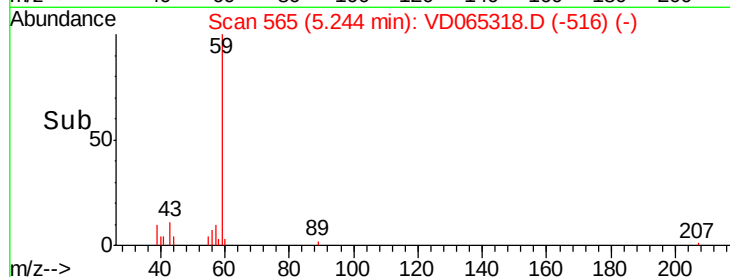
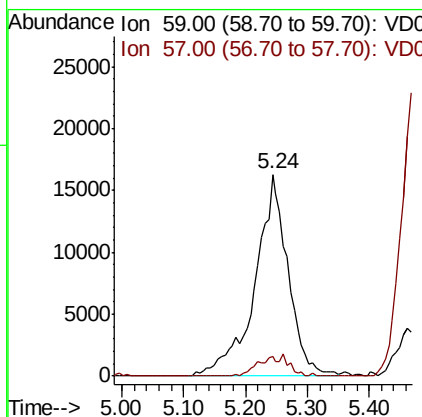
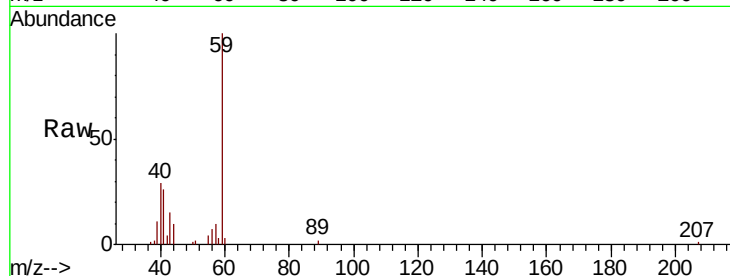


#11

Tert butyl alcohol
Concen: 225.029 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Instrument :
MSVOA_D
ClientSampleId :

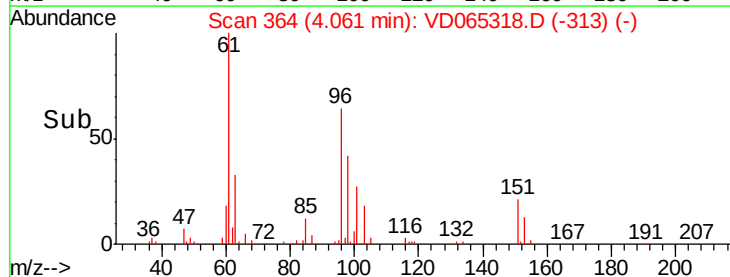
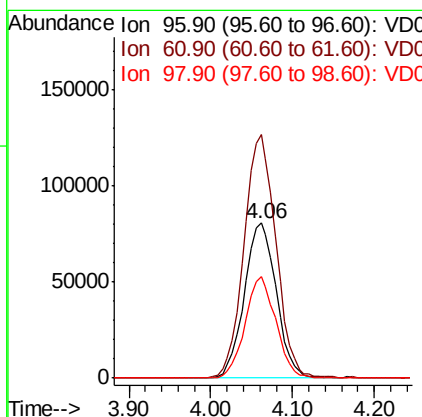
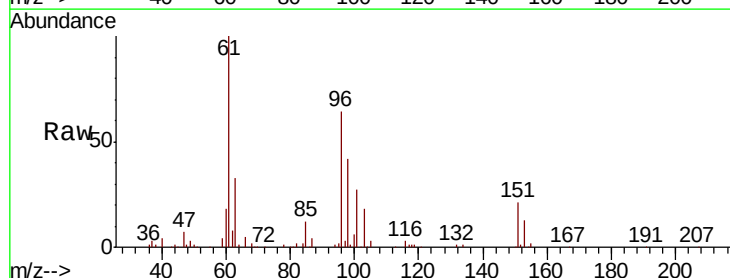
Tot Ion: 59 Resp: 60538
Ion Ratio Lower Upper
59 100
57 6.3 8.4 12.6#

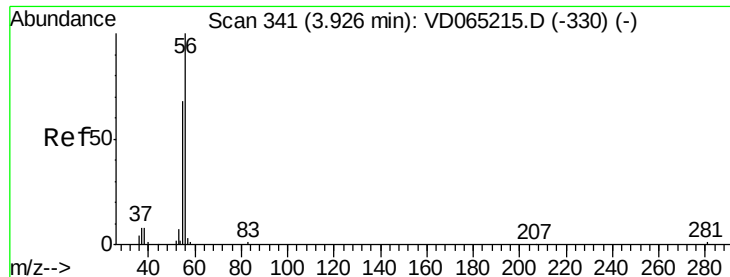


#12

1,1-Dichloroethene
Concen: 47.383 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion: 96 Resp: 219848
Ion Ratio Lower Upper
96 100
61 156.9 123.3 184.9
98 65.8 51.0 76.4





#13

Acrolein

Concen: 243.428 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

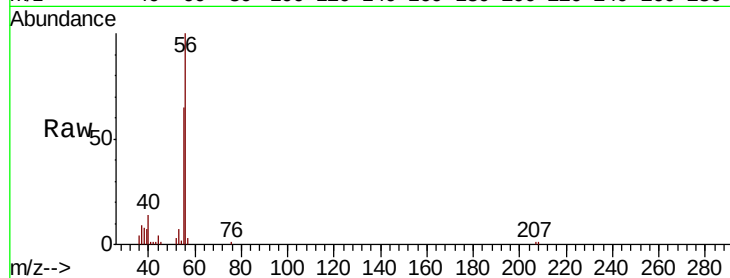
ClientSampleId :

Tot Ion: 56 Resp: 80471

Ion Ratio Lower Upper

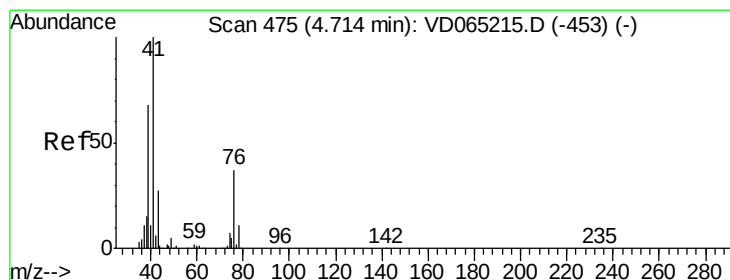
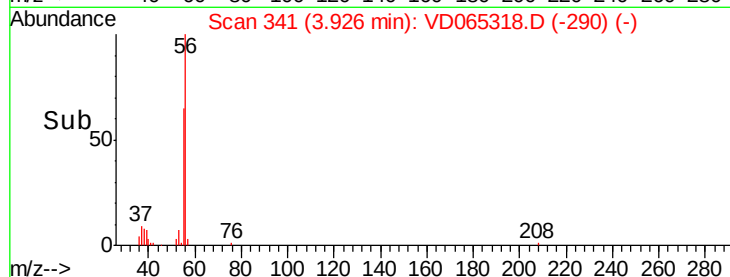
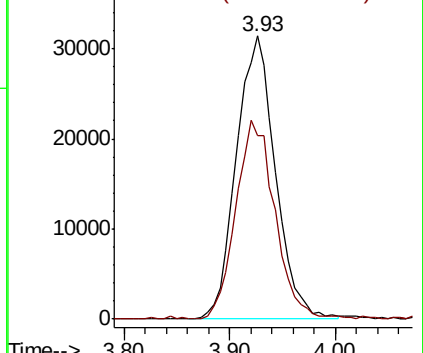
56 100

55 70.6 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: 45.389 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

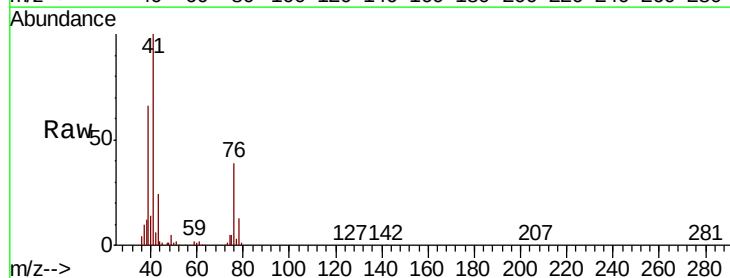
Tgt Ion: 41 Resp: 341988

Ion Ratio Lower Upper

41 100

39 66.4 53.8 80.6

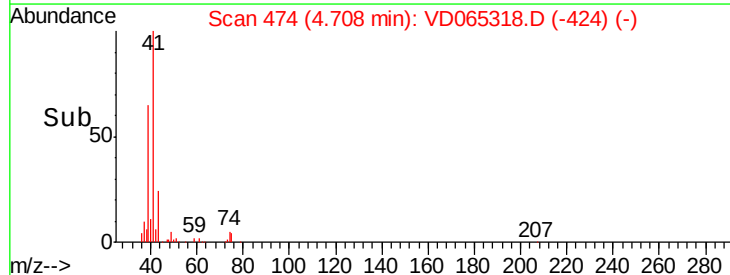
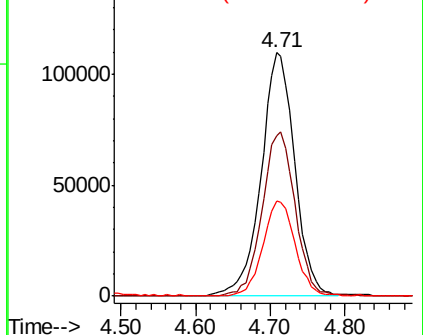
76 37.1 28.7 43.1

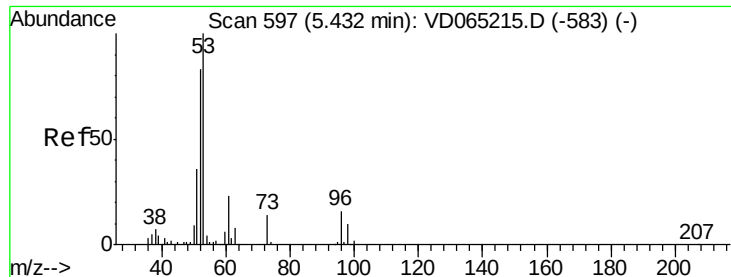


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 223.524 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

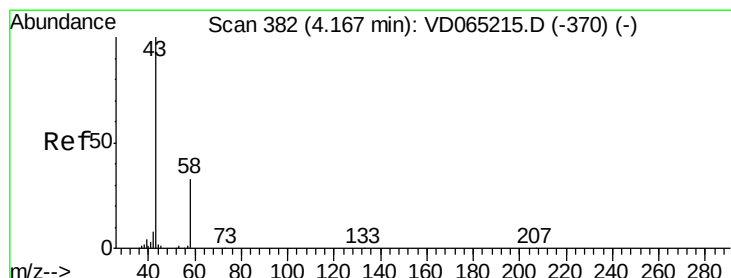
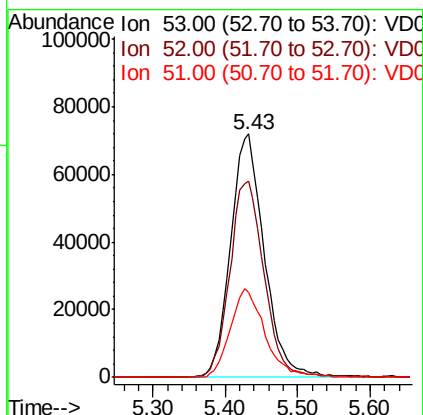
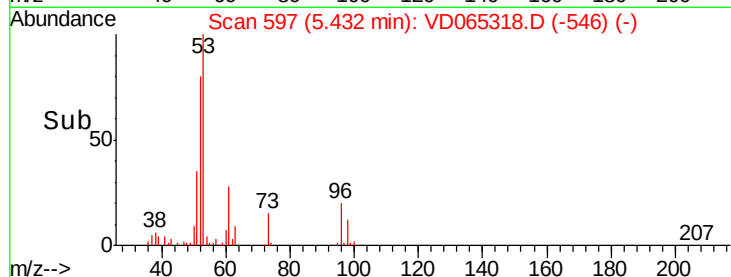
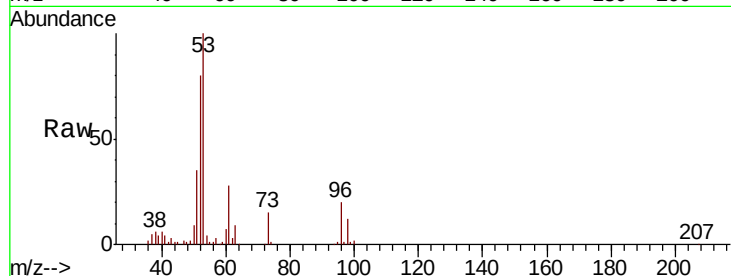
Tot Ion: 53 Resp: 232339

Ion Ratio Lower Upper

53 100

52 81.3 65.4 98.2

51 37.5 29.5 44.3



#16

Acetone

Concen: 247.967 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065318.D

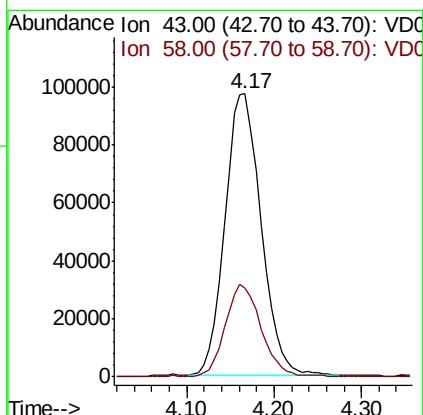
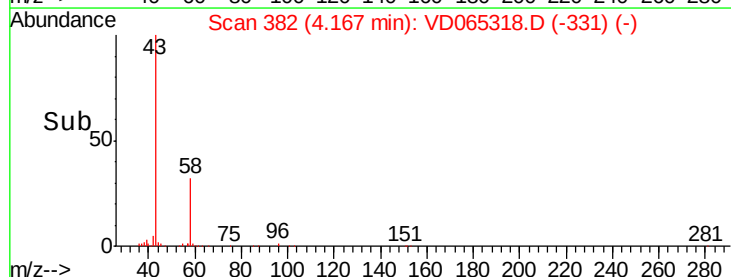
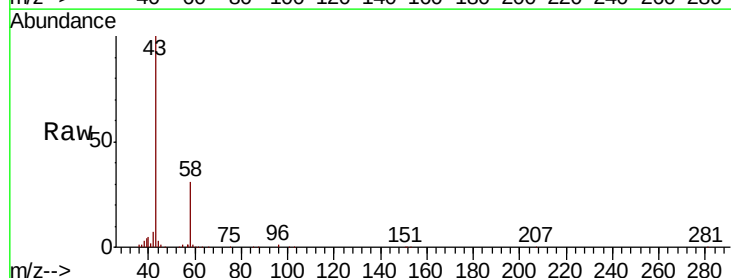
Acq: 26 Feb 2020 10:17

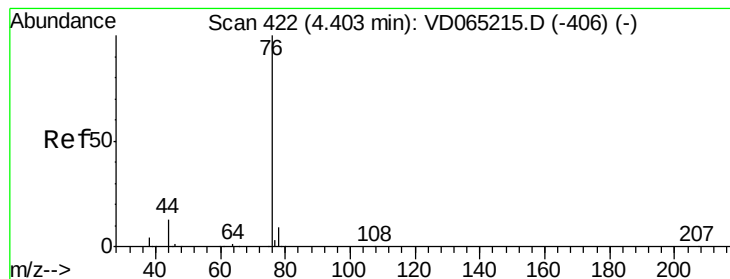
Tgt Ion: 43 Resp: 272891

Ion Ratio Lower Upper

43 100

58 31.7 26.2 39.2





#17

Carbon Disulfide

Concen: 45.480 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

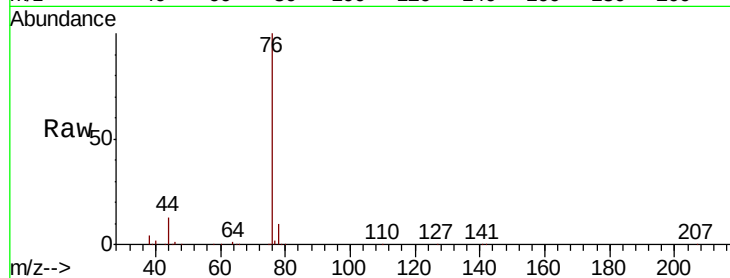
ClientSampled :

Tot Ion: 76 Resp: 707469

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

250000

200000

150000

100000

50000

0

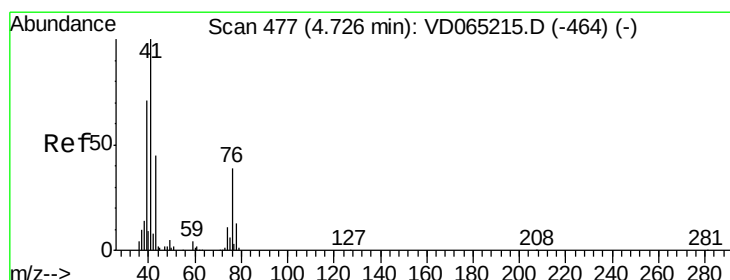
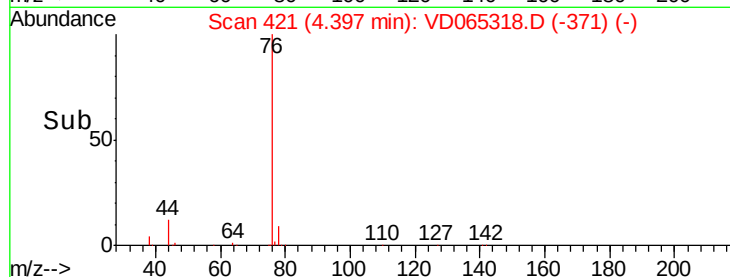
4.30

4.40

4.50

4.60

Time-->



#18

Methyl Acetate

Concen: 43.339 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065318.D

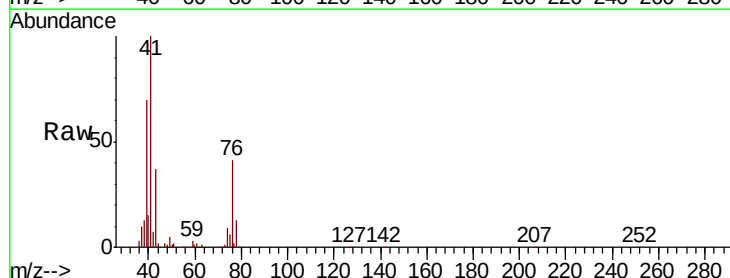
Acq: 26 Feb 2020 10:17

Tgt Ion: 43 Resp: 107269

Ion Ratio Lower Upper

43 100

74 24.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

40000

30000

20000

10000

0

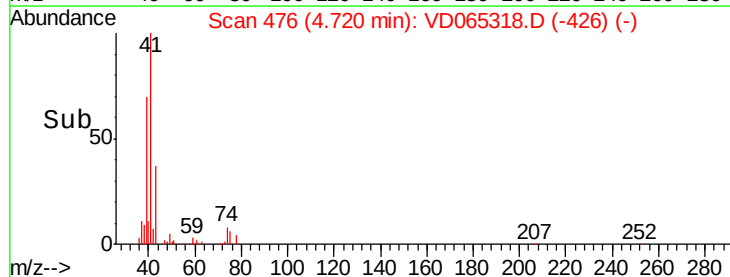
4.60

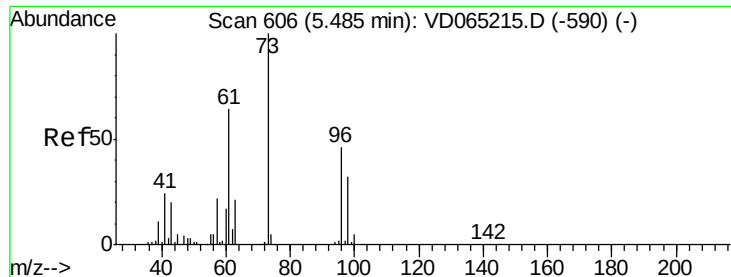
4.70

4.80

4.90

Time-->



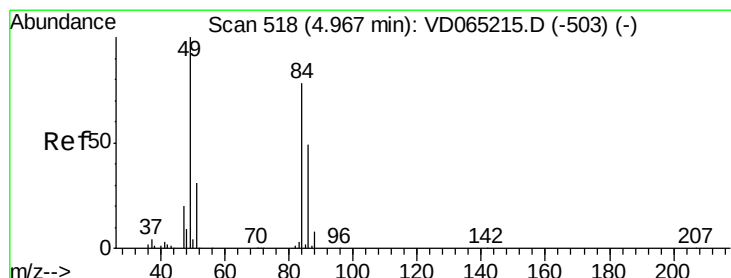
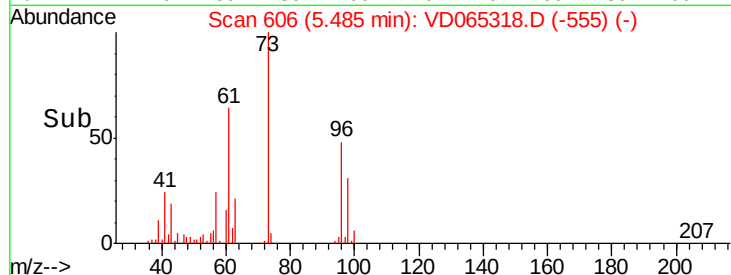
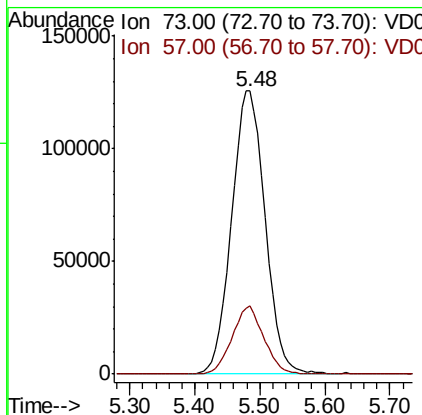
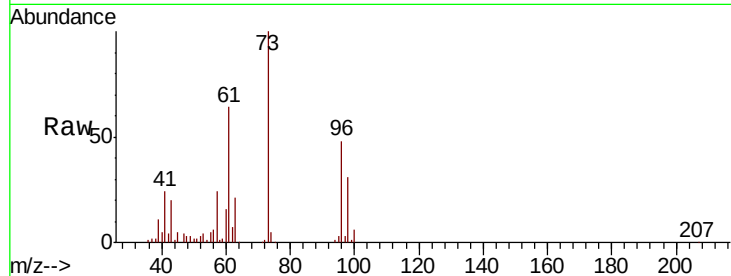


#19

Methyl tert-butyl Ether
 Concen: 46.183 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Instrument :
 MSVOA_D
 ClientSampleID :

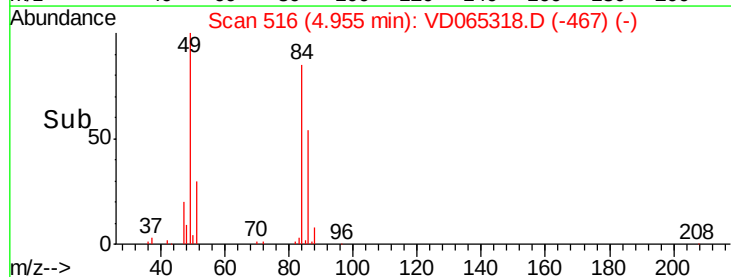
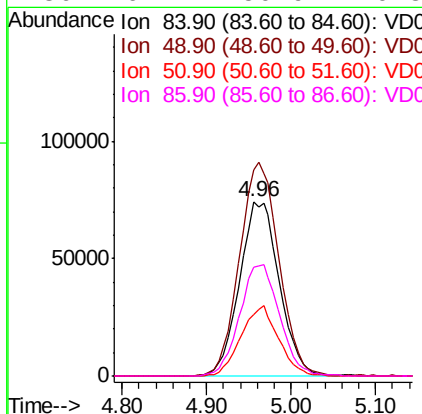
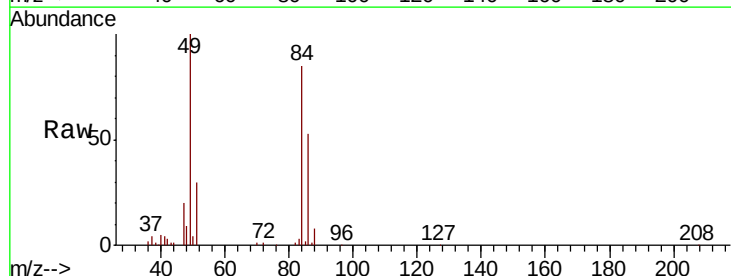
Tot Ion: 73 Resp: 446848
 Ion Ratio Lower Upper
 73 100
 57 24.0 17.3 25.9

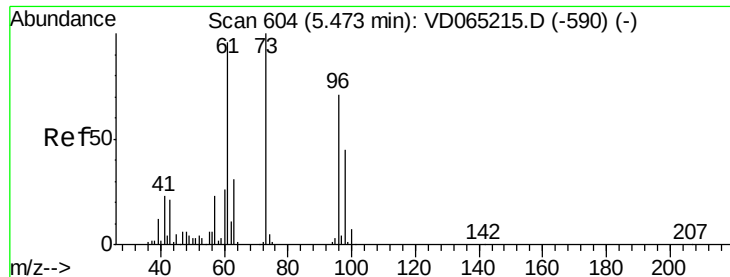


#20

Methylene Chloride
 Concen: 49.561 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Tgt Ion: 84 Resp: 243007
 Ion Ratio Lower Upper
 84 100
 49 118.0 103.1 154.7
 51 35.2 31.7 47.5
 86 62.7 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 47.450 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

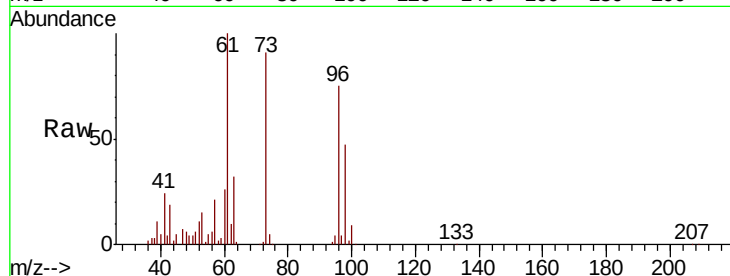
Tot Ion: 96 Resp: 250283

Ion Ratio Lower Upper

96 100

61 134.2 108.3 162.5

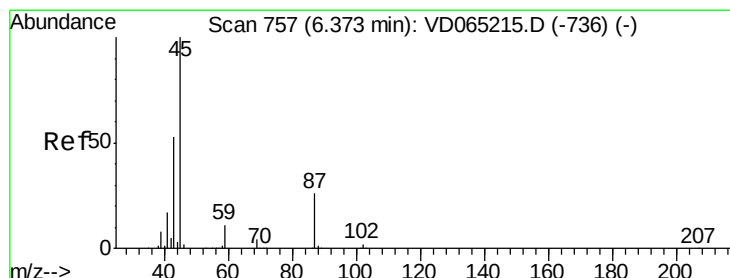
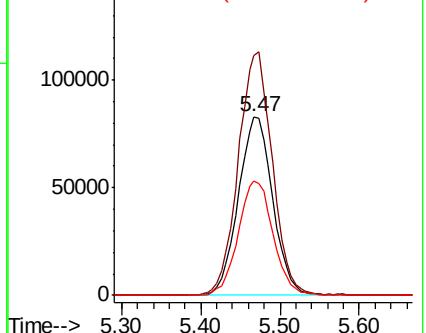
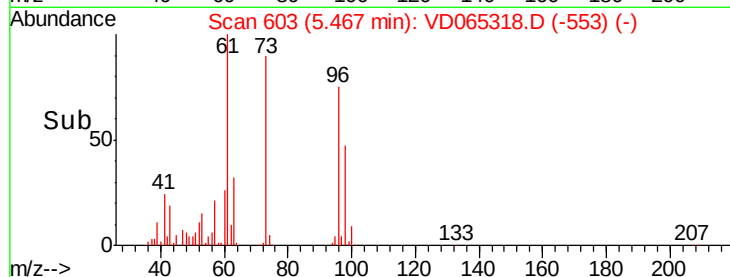
98 63.7 50.7 76.1



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: 47.539 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Tgt Ion: 45 Resp: 690505

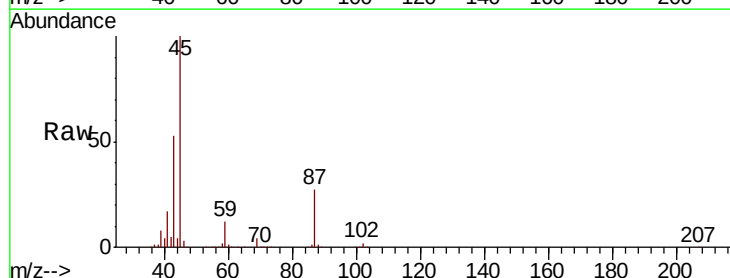
Ion Ratio Lower Upper

45 100

43 52.5 42.6 64.0

87 27.1 21.2 31.8

59 11.7 8.9 13.3

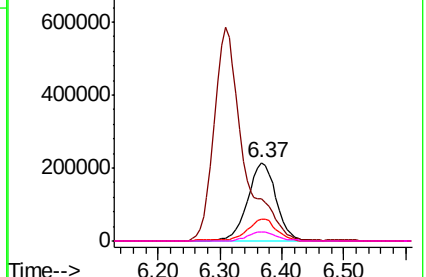
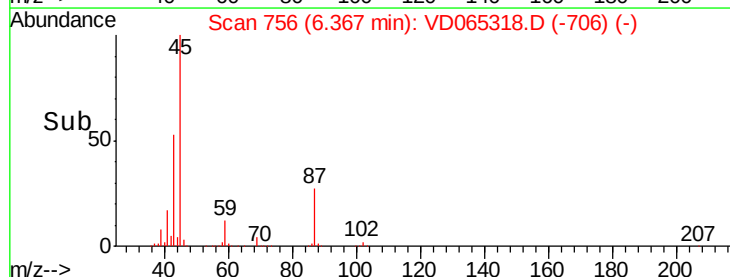


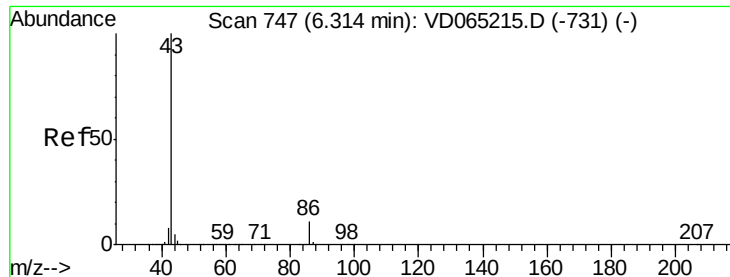
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 238.737 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

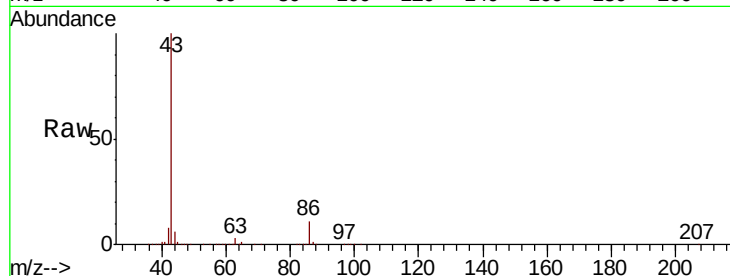
ClientSampleId :

Tot Ion: 43 Resp: 1911722

Ion Ratio Lower Upper

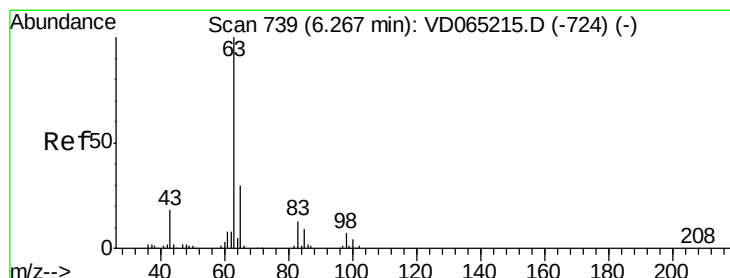
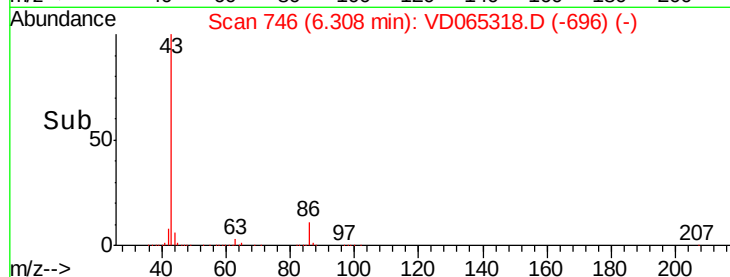
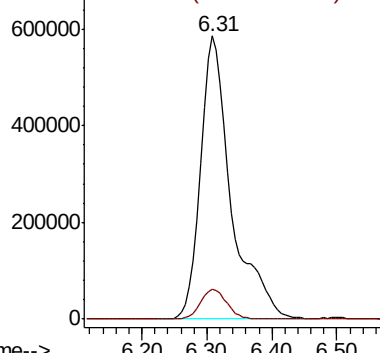
43 100

86 10.6 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: 46.359 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

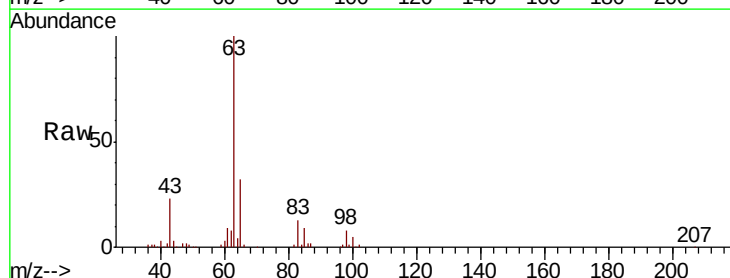
Tgt Ion: 63 Resp: 417669

Ion Ratio Lower Upper

63 100

98 8.3 3.4 10.1

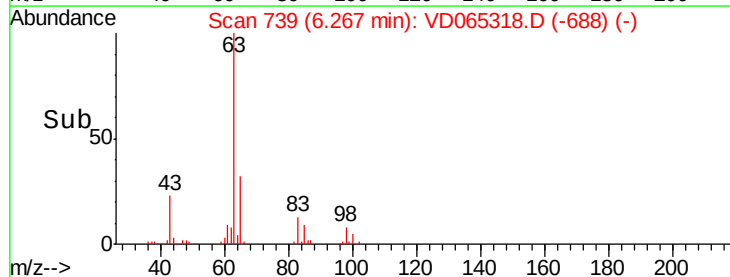
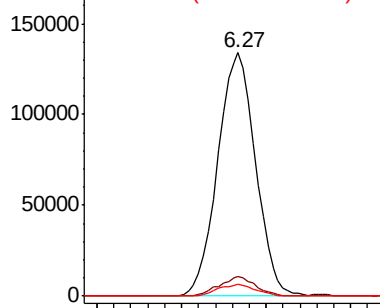
100 5.0 2.3 6.8

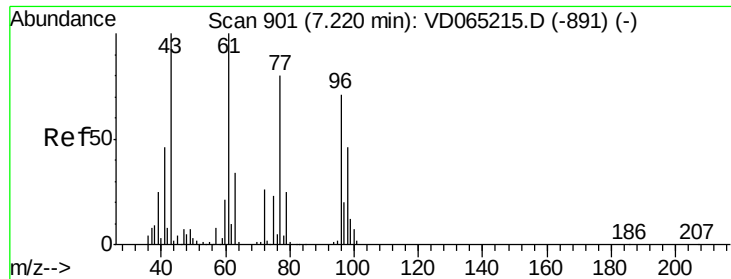


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 228.544 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

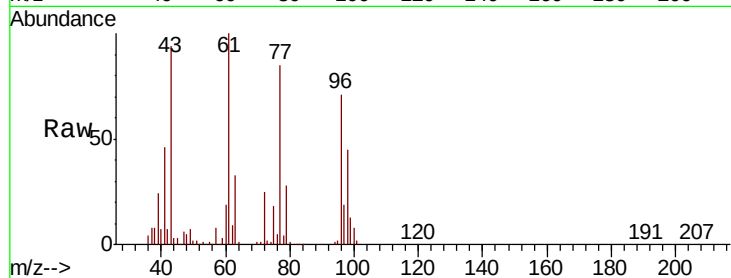
ClientSampled :

Tot Ion: 43 Resp: 318222

Ion Ratio Lower Upper

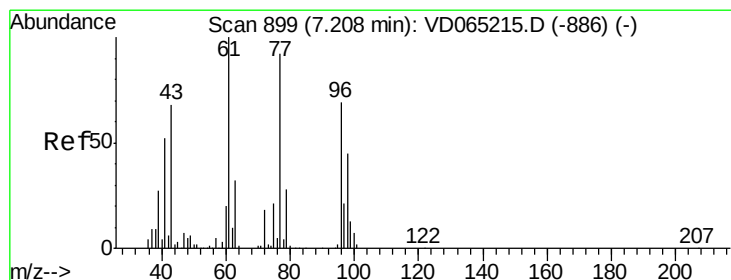
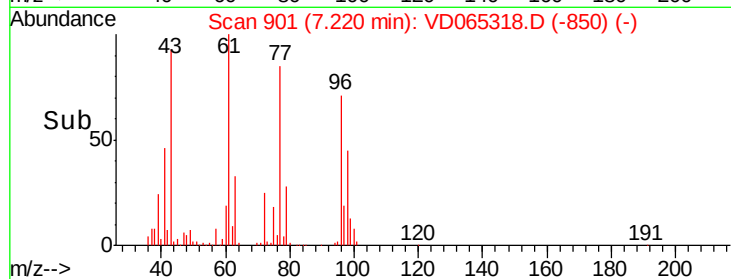
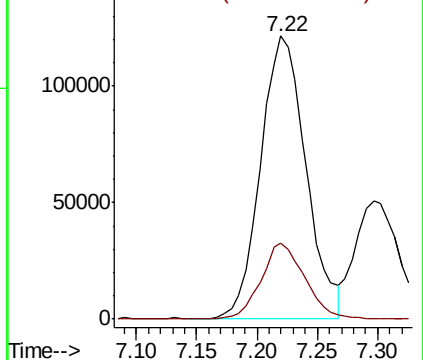
43 100

72 26.9 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: 47.155 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065318.D

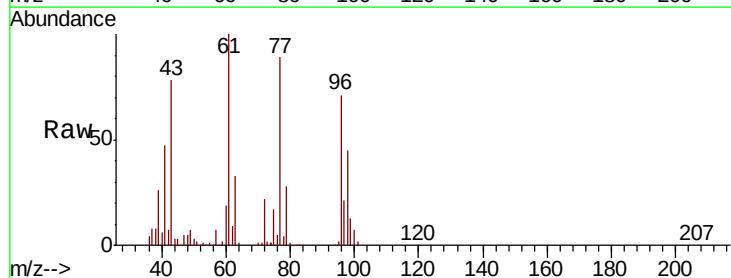
Acq: 26 Feb 2020 10:17

Tgt Ion: 77 Resp: 368602

Ion Ratio Lower Upper

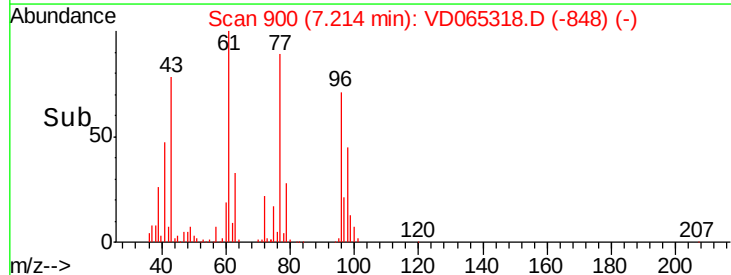
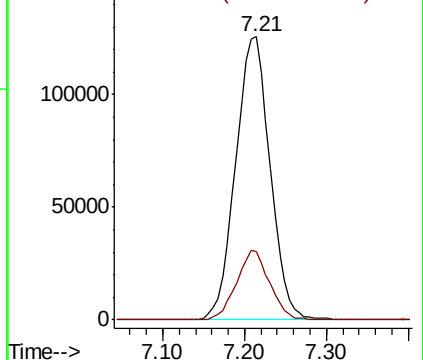
77 100

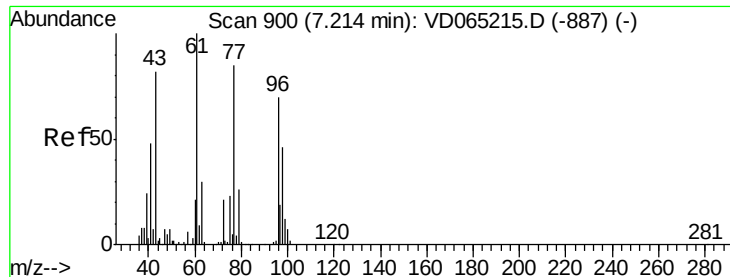
97 23.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



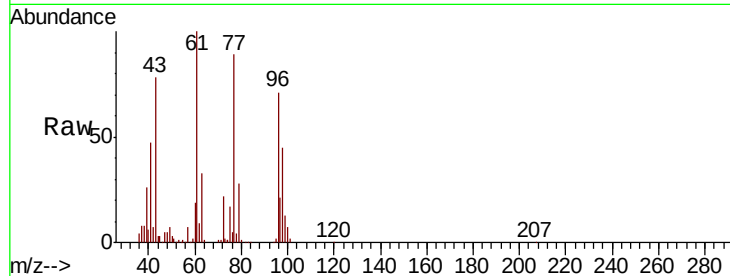


#27

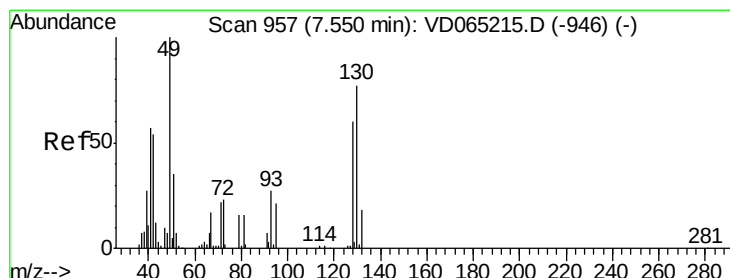
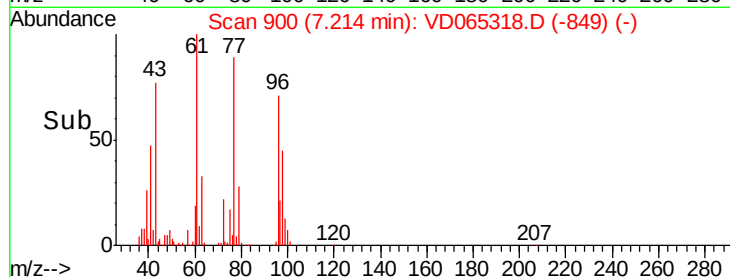
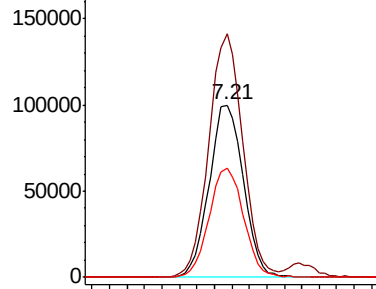
cis-1,2-Dichloroethene
 Concen: 47.538 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	96	Resp	265602
Ion	Ratio	Lower	Upper
96	100		
61	140.4	0.0	286.0
98	63.8	0.0	127.8



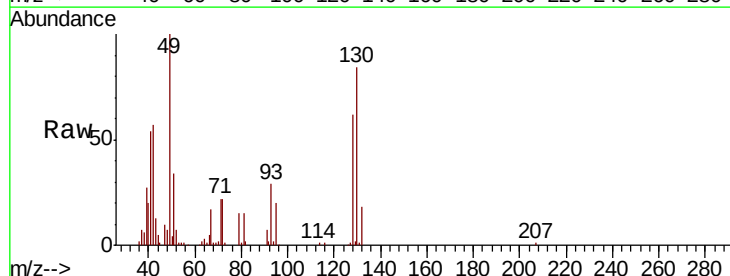
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



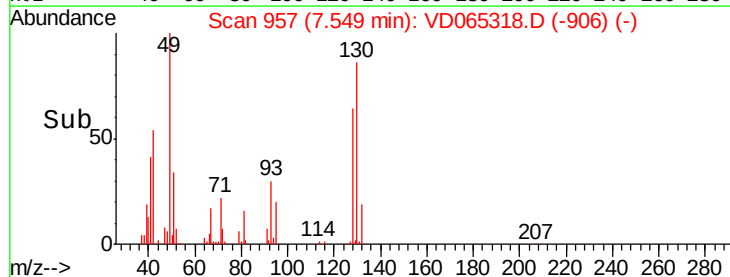
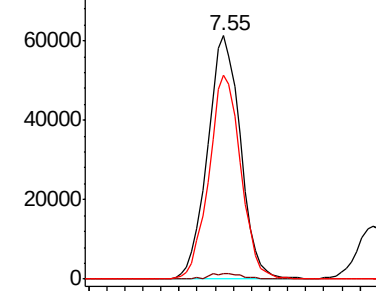
#28

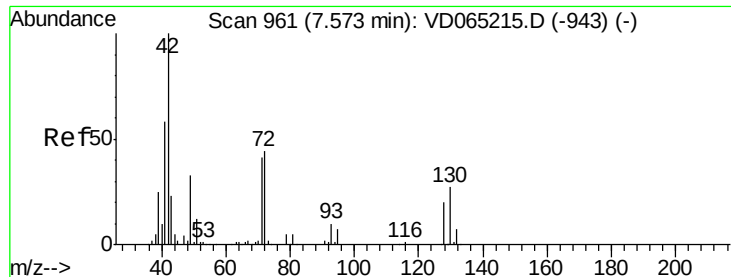
Bromochloromethane
 Concen: 46.369 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Tgt Ion	49	Resp	154988
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	81.1	64.7	97.1



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

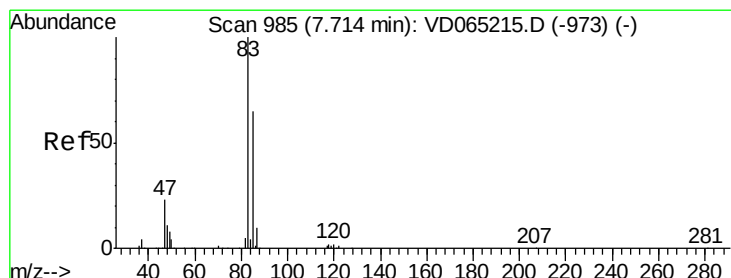
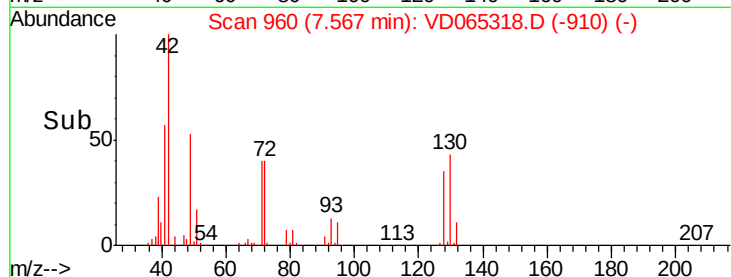
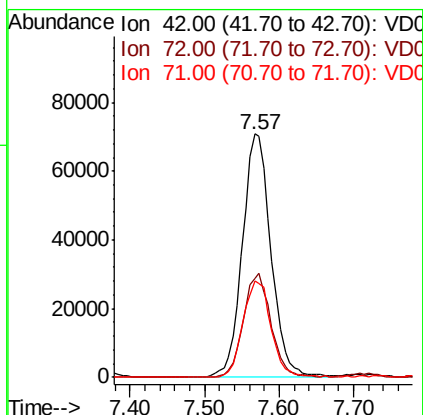
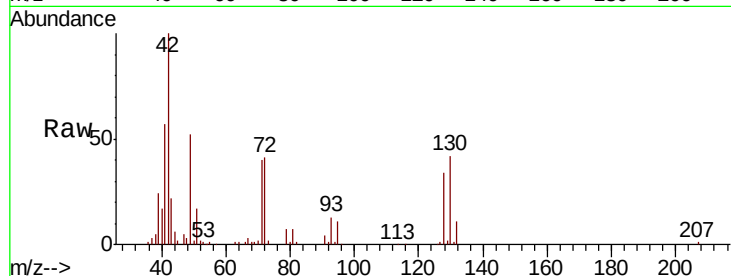




#29
Tetrahydrofuran
Concen: 231.630 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

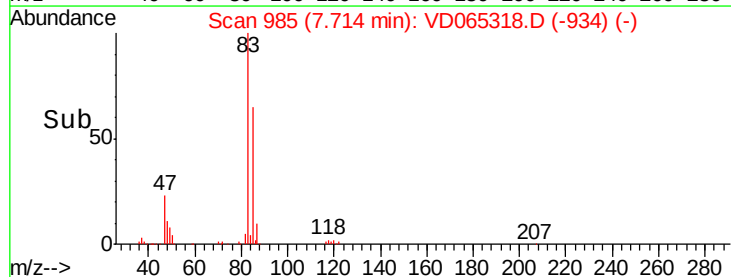
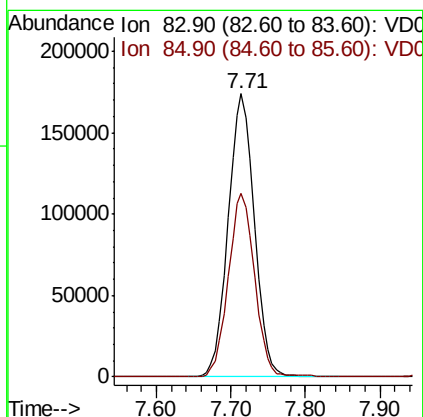
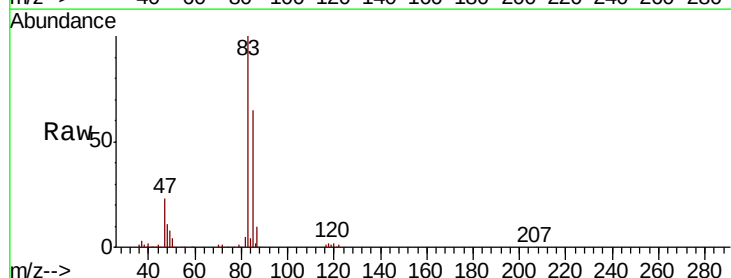
Instrument :
MSVOA_D
ClientSampled :

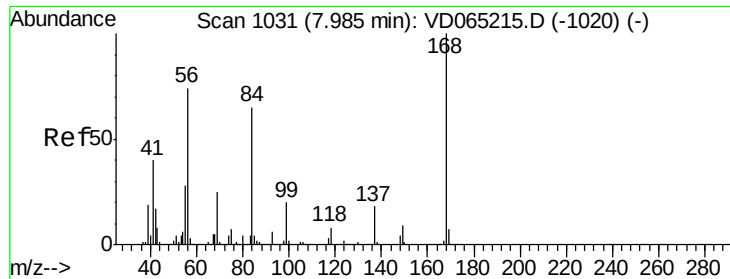
Tot Ion: 42 Resp: 188971
Ion Ratio Lower Upper
42 100
72 41.1 33.7 50.5
71 38.8 31.4 47.2



#30
Chloroform
Concen: 46.887 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion: 83 Resp: 425585
Ion Ratio Lower Upper
83 100
85 65.0 52.3 78.5

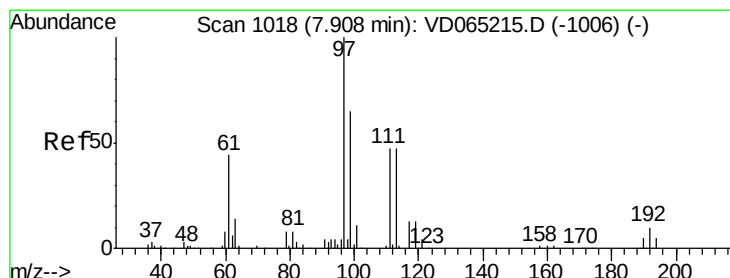
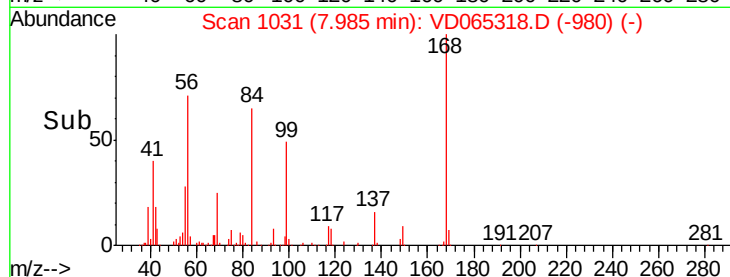
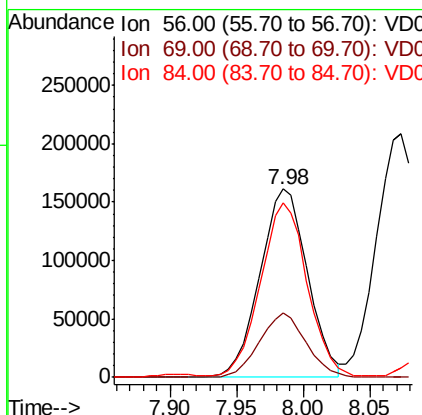
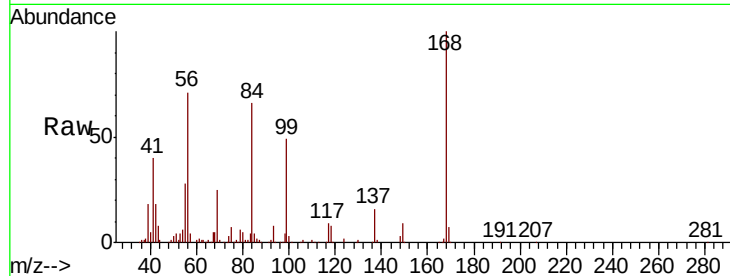




#31
Cyclohexane
Concen: 45.051 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

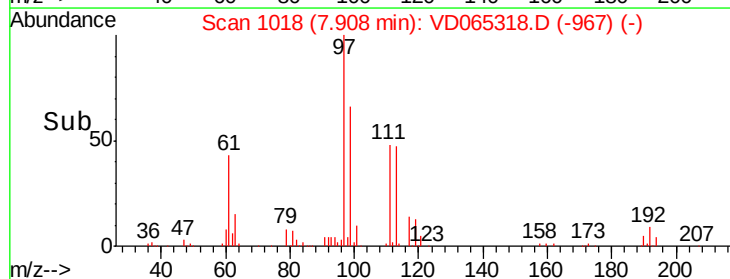
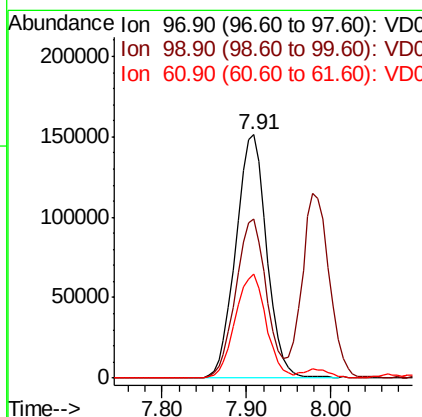
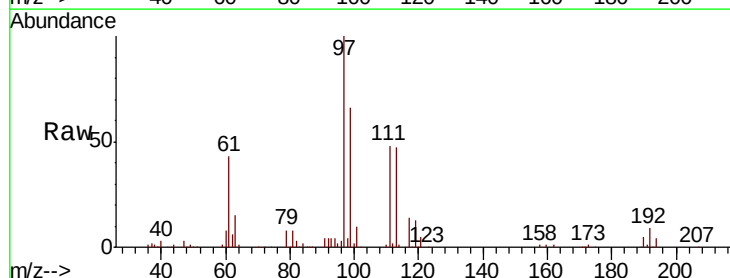
Instrument :
MSVOA_D
ClientSampleId :

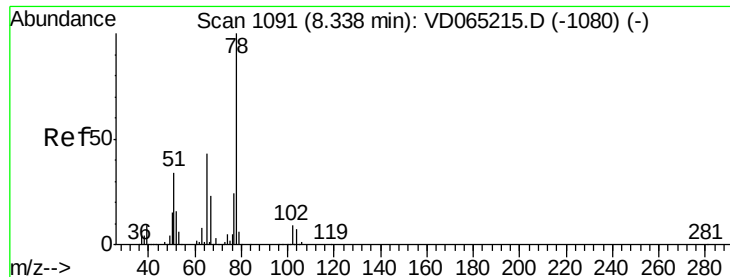
Tot Ion: 56 Resp: 398791
Ion Ratio Lower Upper
56 100
69 34.3 27.4 41.0
84 91.2 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 47.179 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion: 97 Resp: 383147
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 42.8 34.8 52.2

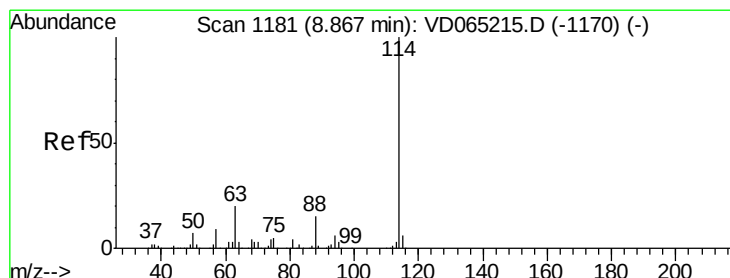
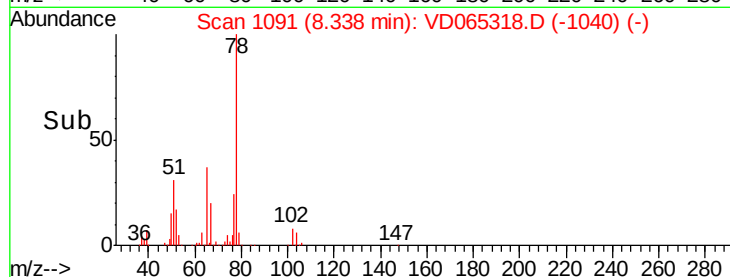
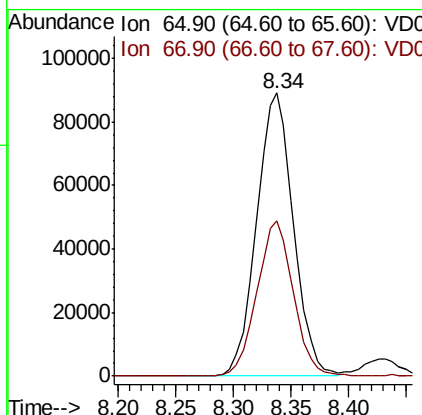
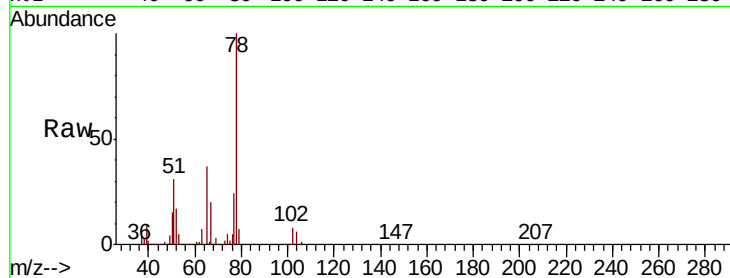




#33
 1,2-Dichloroethane-d4
 Concen: 43.879 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

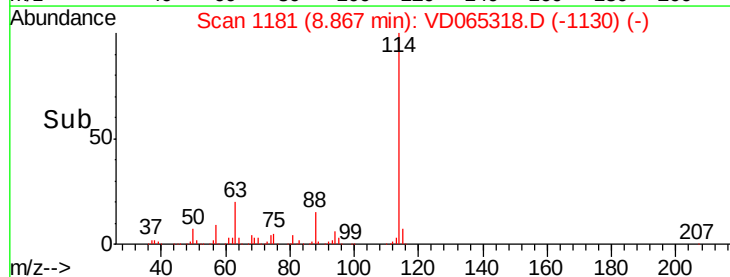
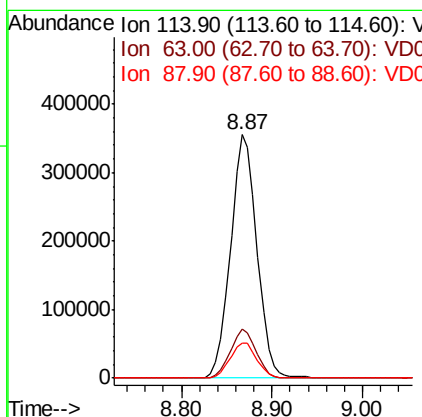
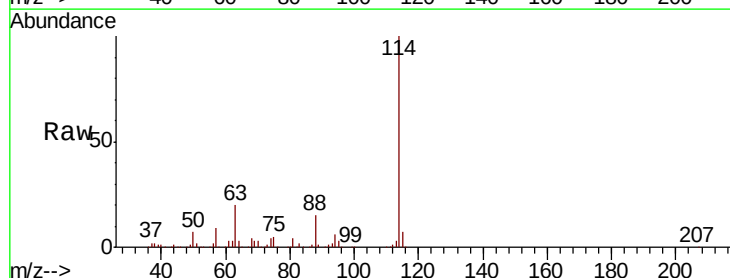
Instrument :
 MSVOA_D
 ClientSampled :

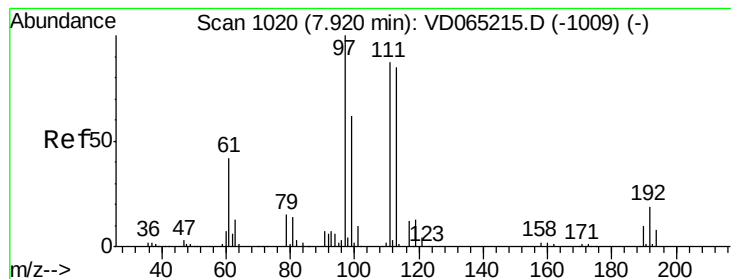
Tot Ion	65	Resp	197546
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Tgt Ion	114	Resp	717560
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.4
88	14.6	0.0	30.4

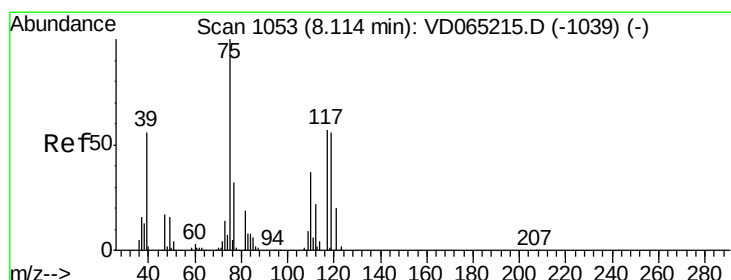
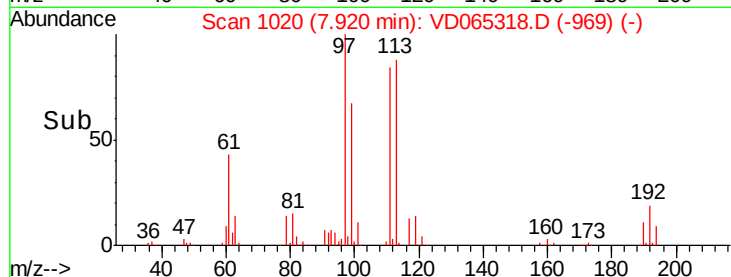
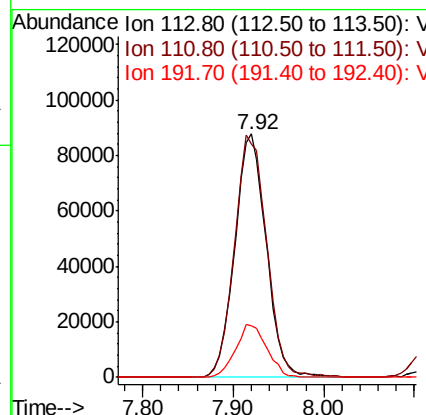
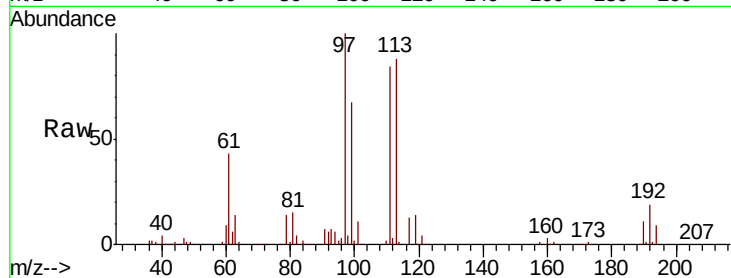




#35
Dibromofluoromethane
Concen: 48.266 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

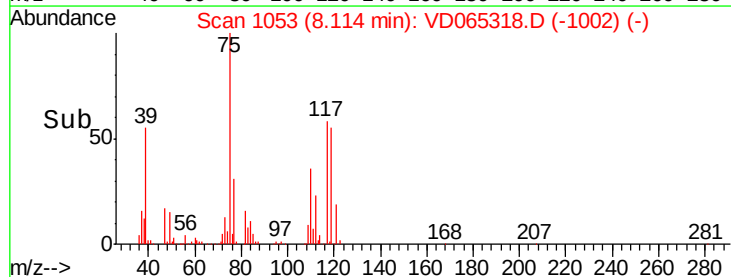
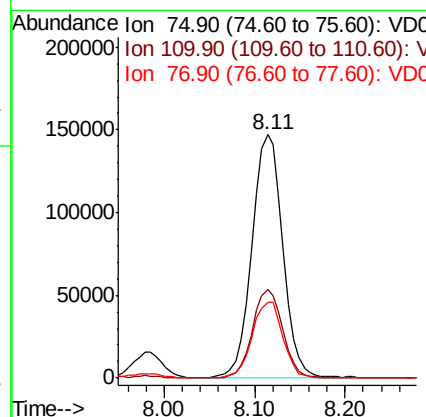
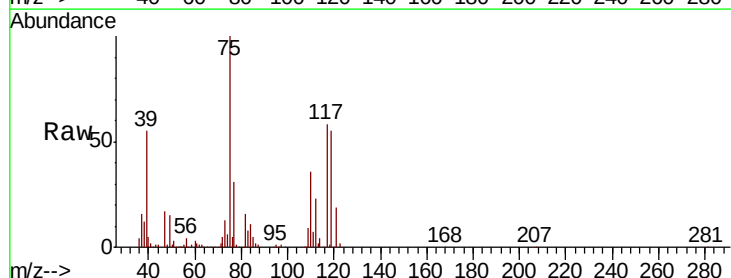
Instrument :
MSVOA_D
ClientSampled :

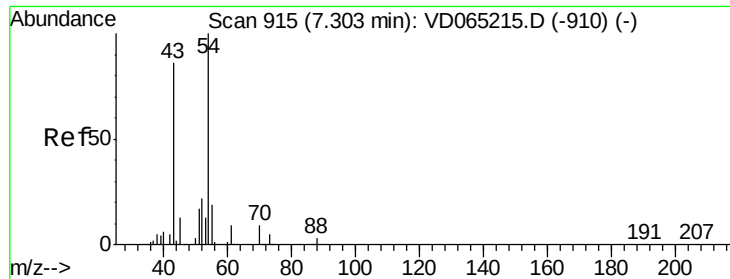
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	21.6	17.3	25.9



#36
1,1-Dichloropropene
Concen: 49.572 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.9	53.7
77	31.4	25.1	37.7

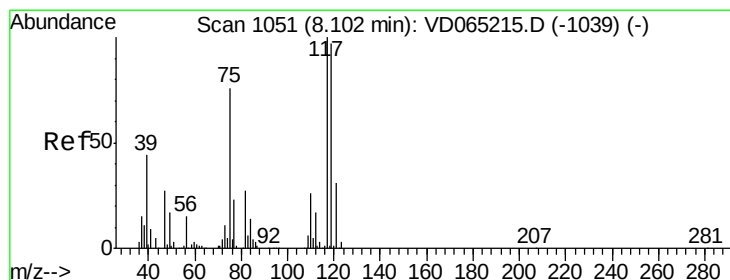
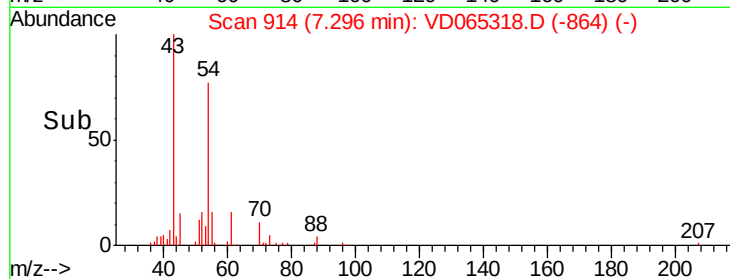
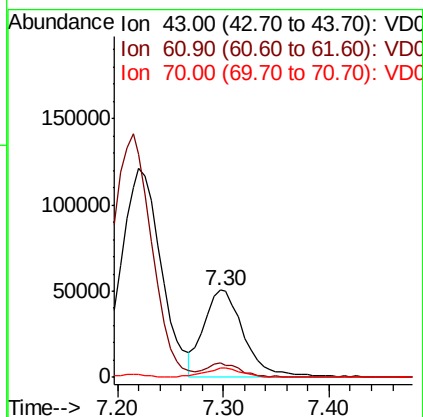
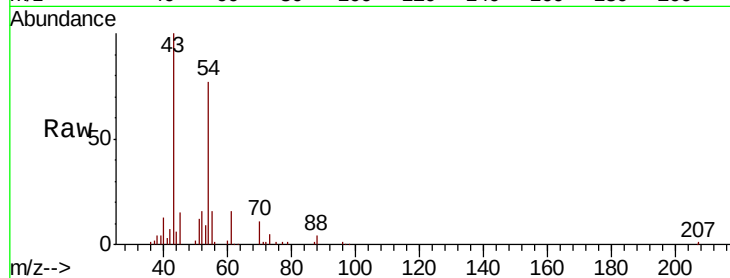




#37
Ethyl Acetate
Concen: 45.367 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

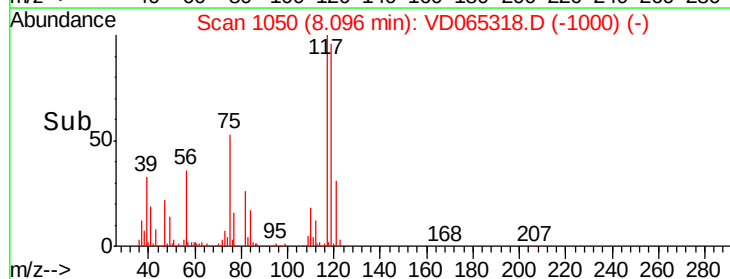
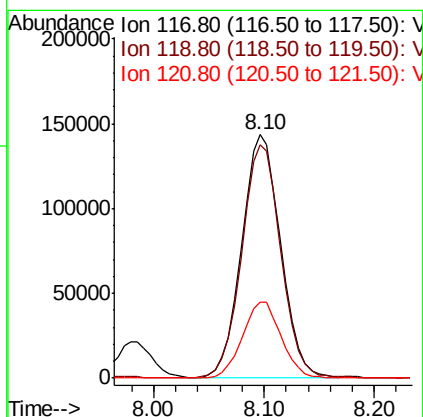
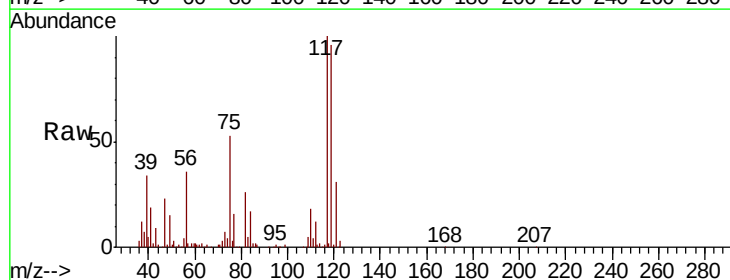
Instrument :
MSVOA_D
ClientSampleId :

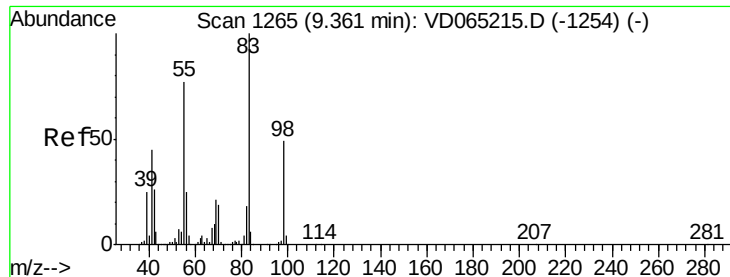
Tot Ion: 43 Resp: 132416
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 10.4 8.2 12.2



#38
Carbon Tetrachloride
Concen: 49.551 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion: 117 Resp: 352184
Ion Ratio Lower Upper
117 100
119 95.9 77.6 116.4
121 31.4 24.8 37.2

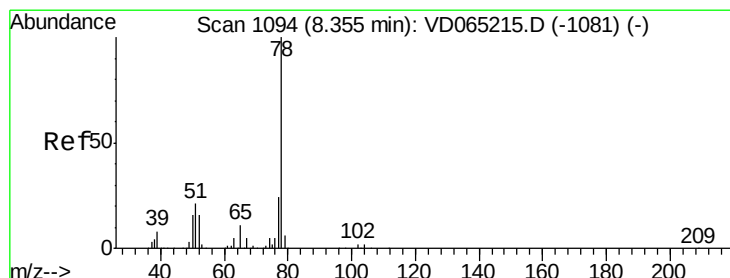
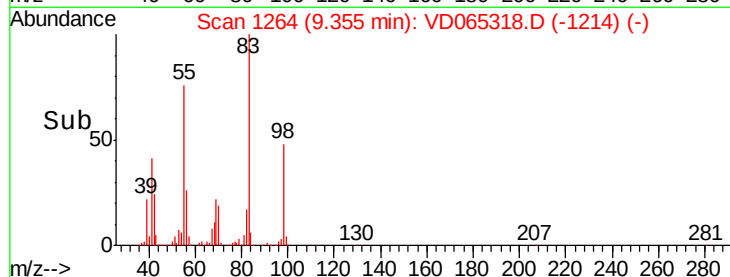
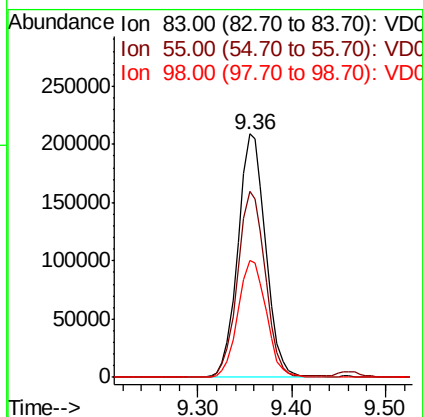
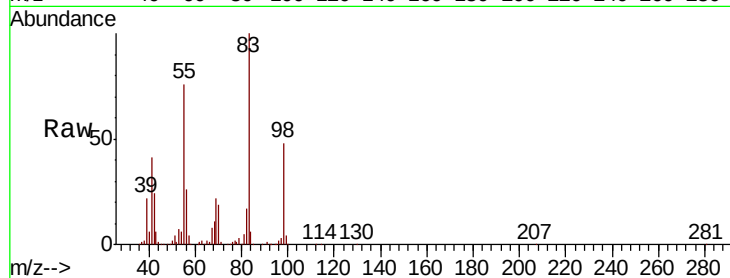




#39
Methylvlcyclohexane
Concen: 51.975 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

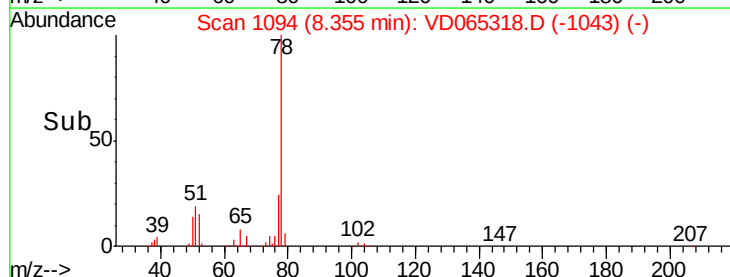
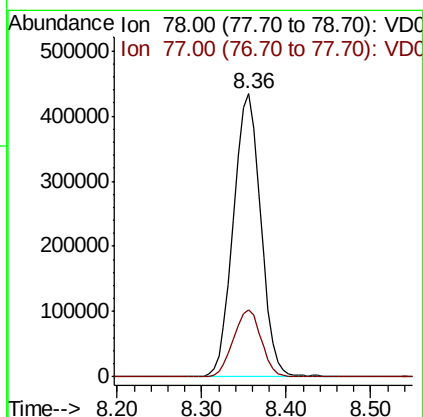
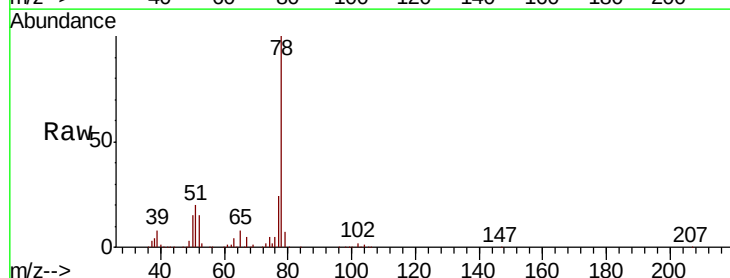
Instrument :
MSVOA_D
ClientSampleId :

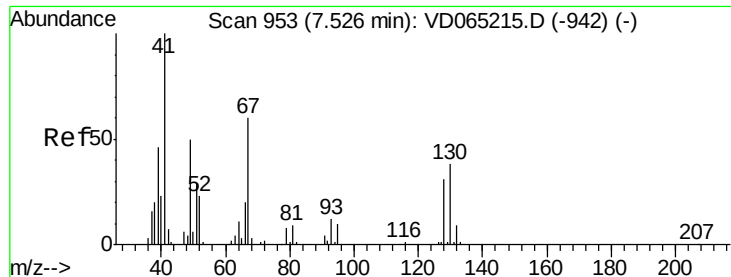
Tot Ion: 83 Resp: 426622
Ion Ratio Lower Upper
83 100
55 76.3 61.8 92.6
98 48.1 39.4 59.0



#40
Benzene
Concen: 49.297 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion: 78 Resp: 971492
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

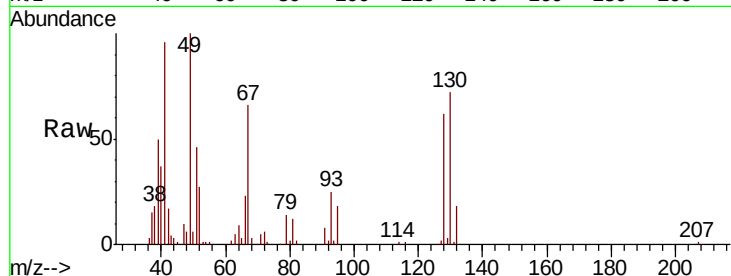




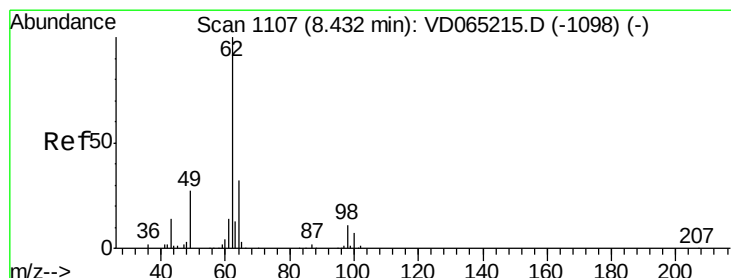
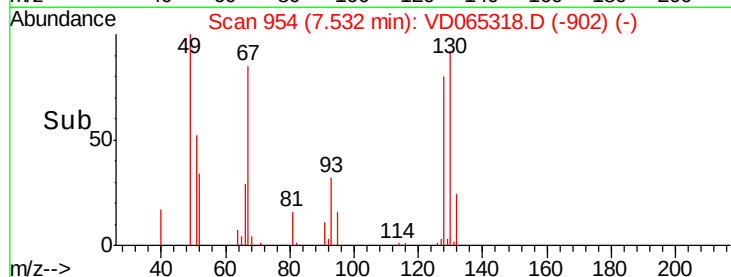
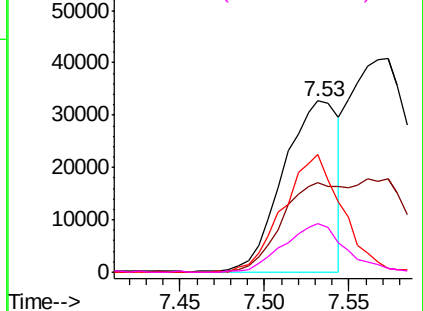
#41
Methacrylonitrile
Concen: 44.065 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	41	Resp:	74262
Ion	Ratio	Lower	Upper
41	100		
39	61.2	48.1	72.1
67	73.4	58.9	88.3
52	32.2	24.2	36.2

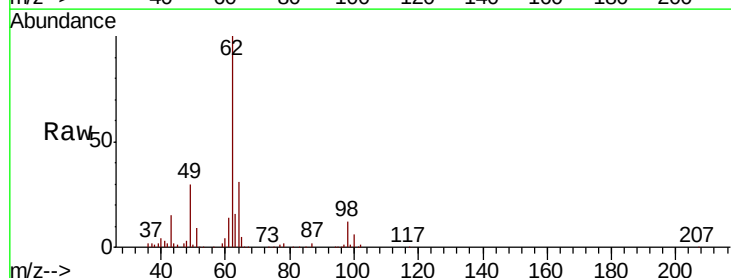


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

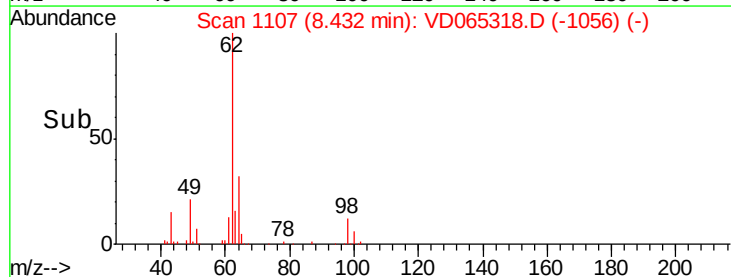
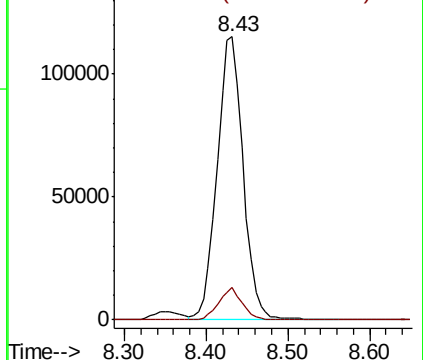


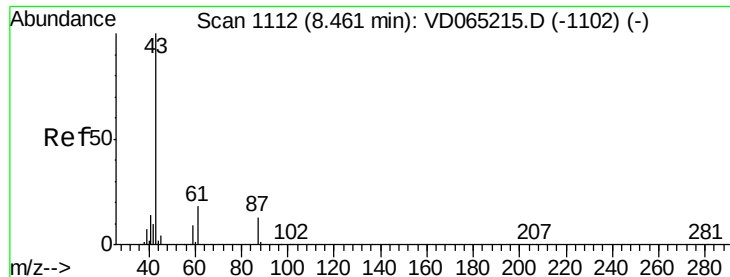
#42
1,2-Dichloroethane
Concen: 46.831 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion:	62	Resp:	253720
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 46.085 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

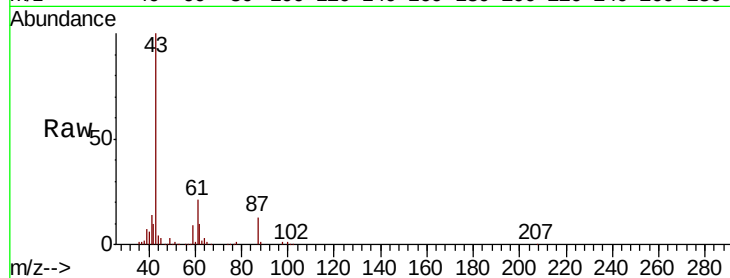
Tot Ion: 43 Resp: 244607

Ion Ratio Lower Upper

43 100

61 32.1 24.6 36.8

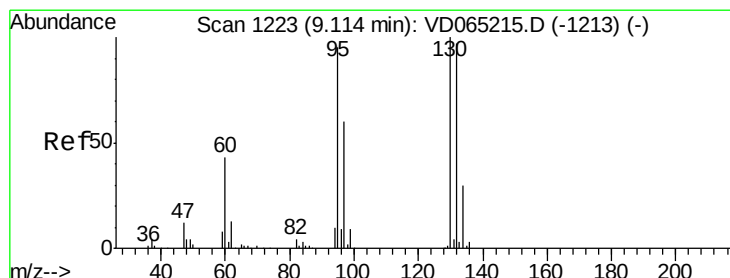
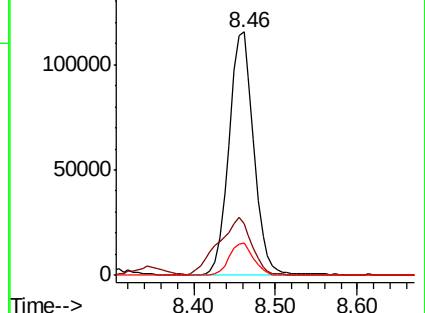
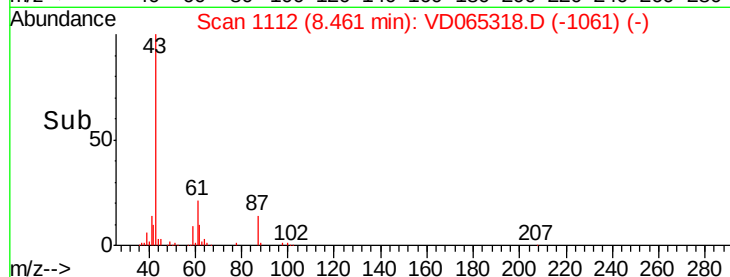
87 13.3 10.6 16.0



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: 49.176 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065318.D

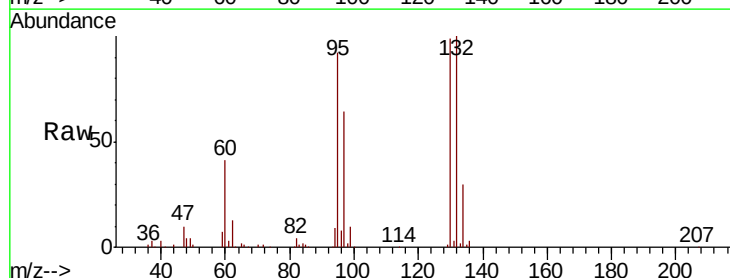
Acq: 26 Feb 2020 10:17

Tgt Ion:130 Resp: 268638

Ion Ratio Lower Upper

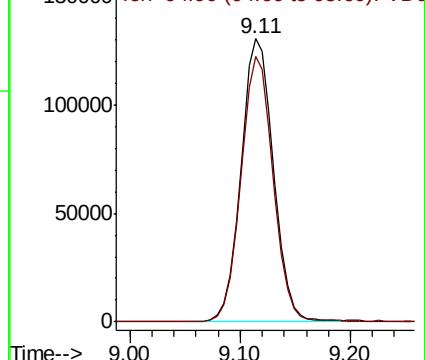
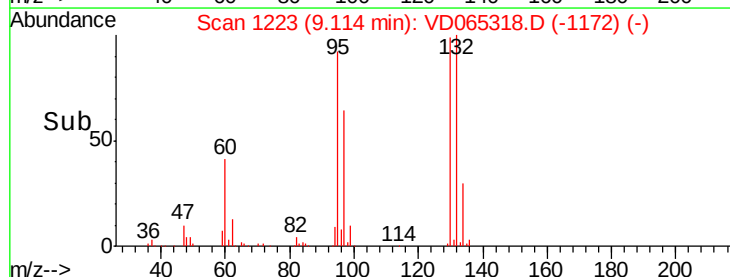
130 100

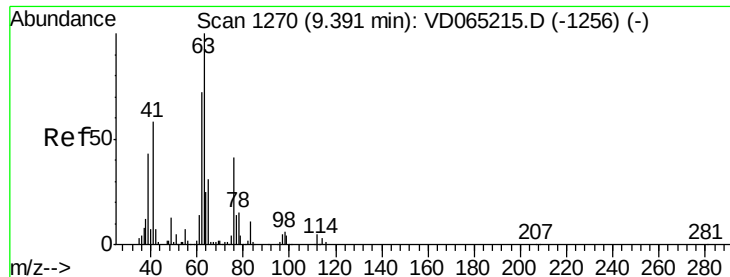
95 93.8 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

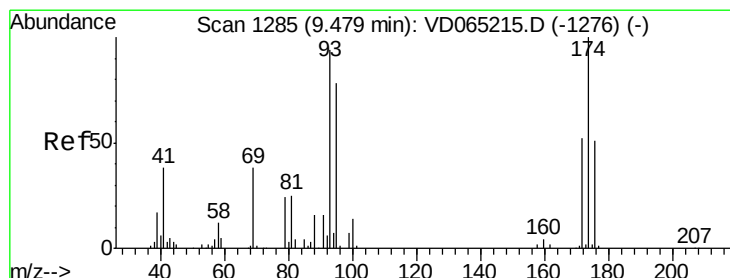
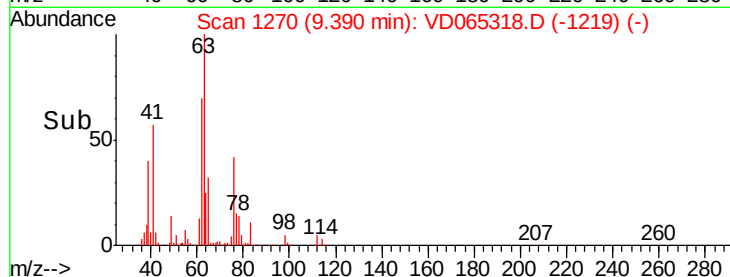
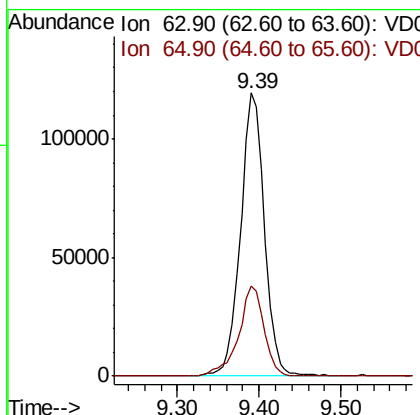
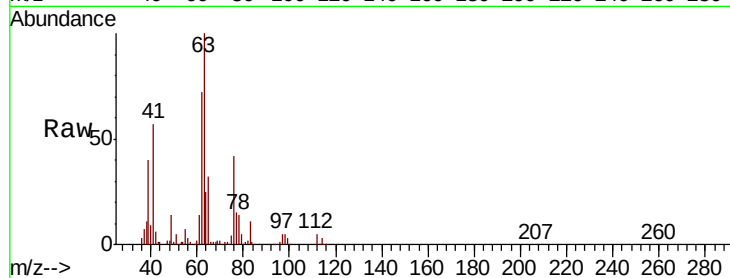




#45
 1,2-Dichloropropane
 Concen: 49.410 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

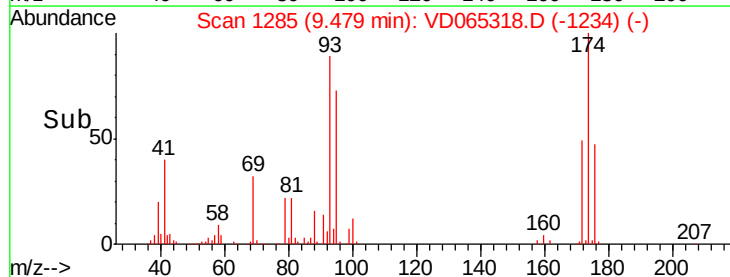
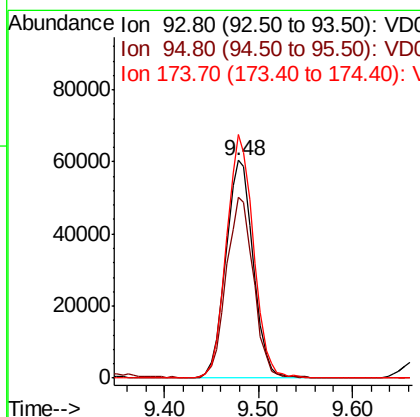
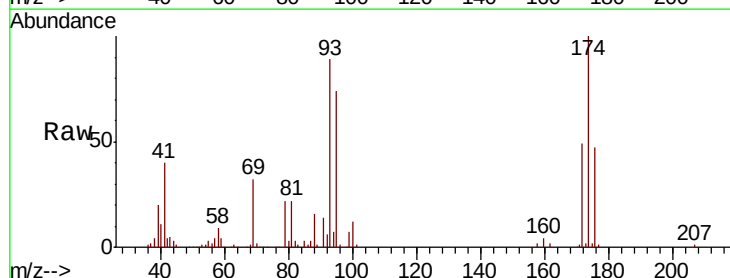
Instrument :
 MSVOA_D
 ClientSampleId :

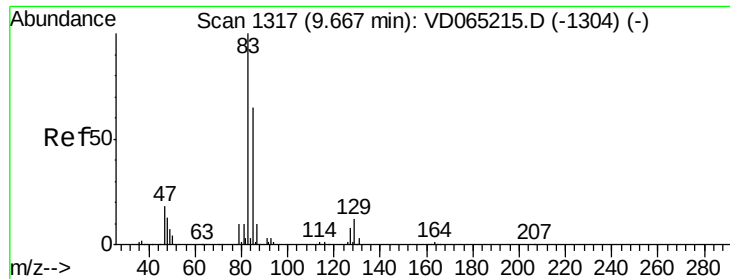
Tot Ion: 63 Resp: 242125
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.9 37.3



#46
 Dibromomethane
 Concen: 48.604 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Tgt Ion: 93 Resp: 122546
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.8 98.6
 174 110.1 86.8 130.2





#47

Bromodichloromethane

Concen: 48.575 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

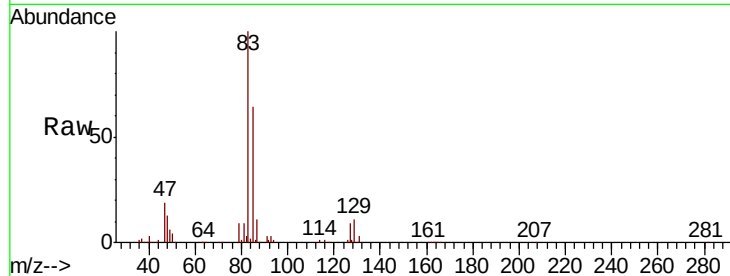
Tot Ion: 83 Resp: 322762

Ion Ratio Lower Upper

83 100

85 63.9 52.0 78.0

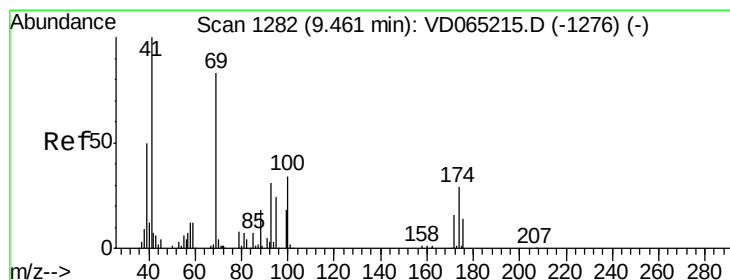
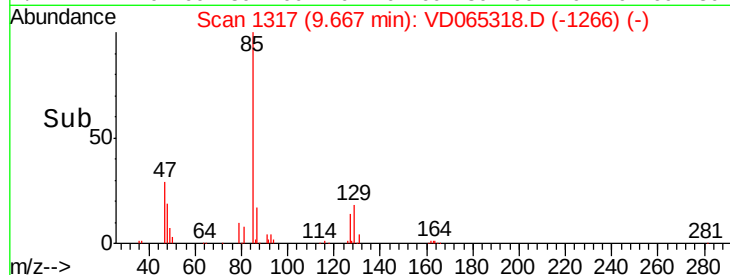
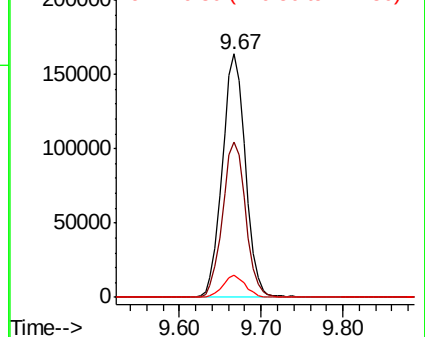
127 9.0 6.7 10.1



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): VDC



#48

Methyl methacrylate

Concen: 47.353 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

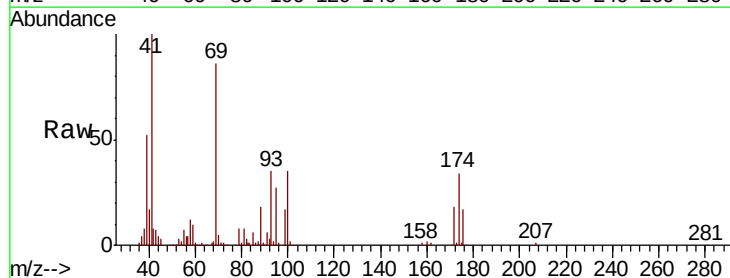
Tgt Ion: 41 Resp: 116174

Ion Ratio Lower Upper

41 100

69 91.9 68.2 102.2

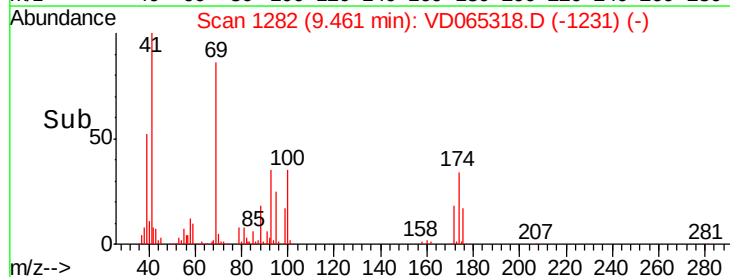
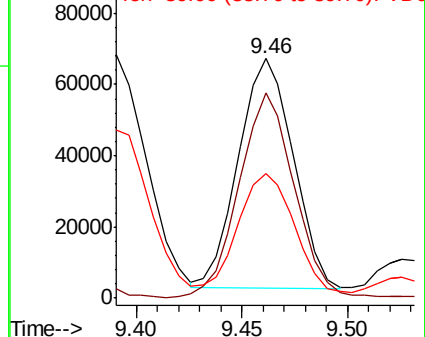
39 52.8 42.0 63.0

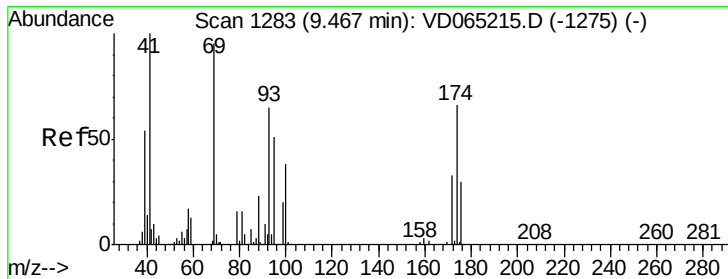


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

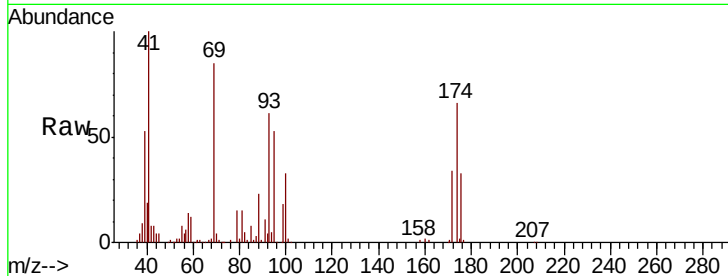




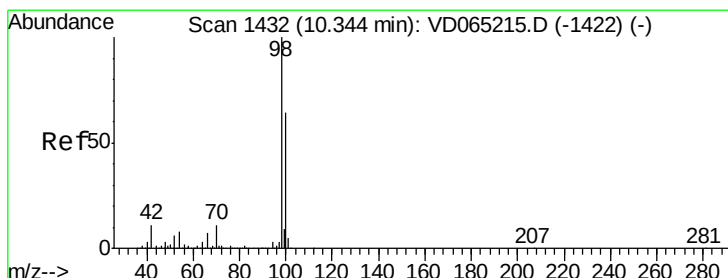
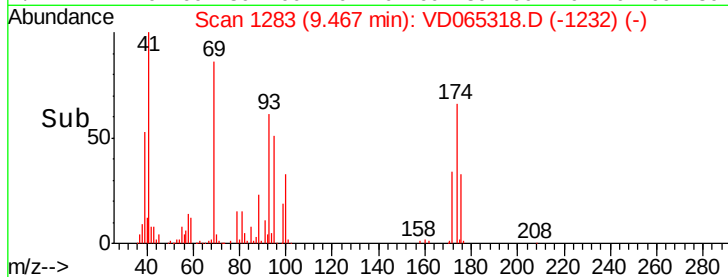
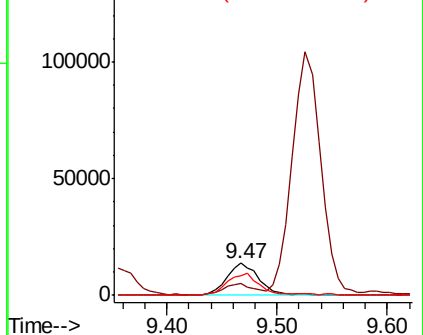
#49
1,4-Dioxane
Concen: 953.934 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 28209
Ion Ratio Lower Upper
88 100
43 33.9 28.5 42.7
58 68.6 58.6 87.8

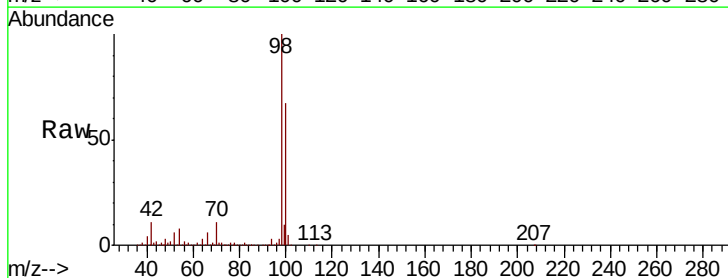


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

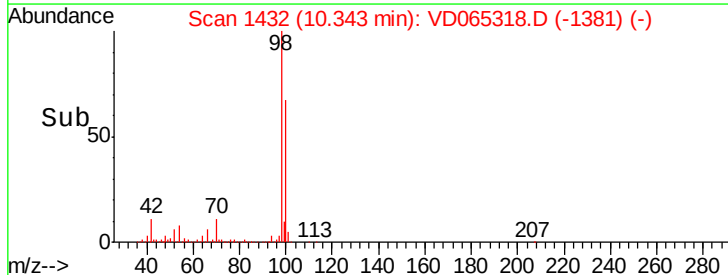
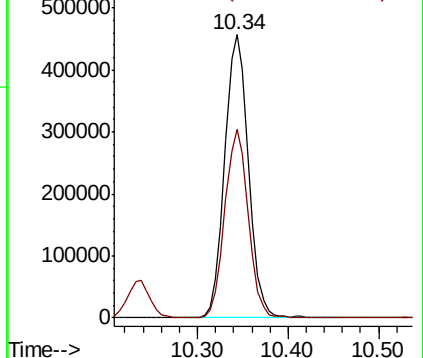


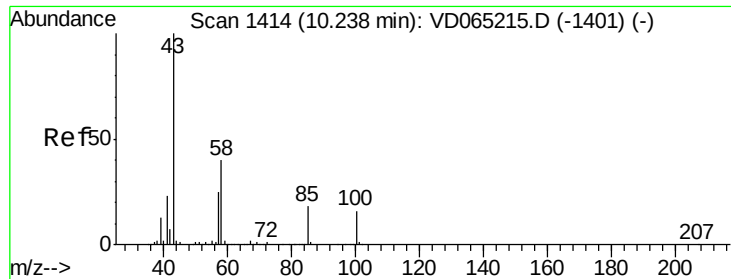
#50
Toluene-d8
Concen: 49.670 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion: 98 Resp: 830789
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



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

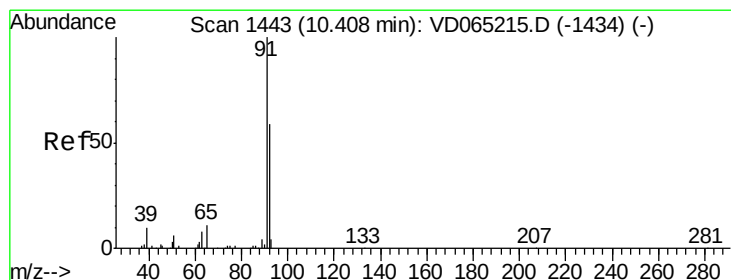
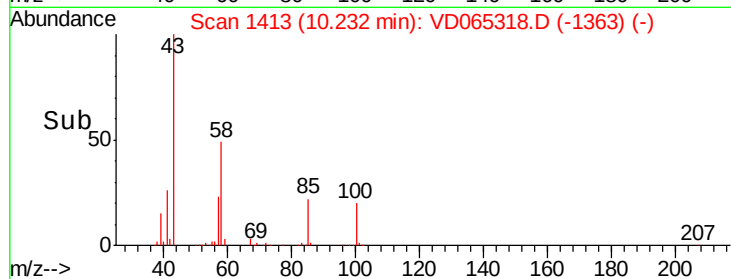
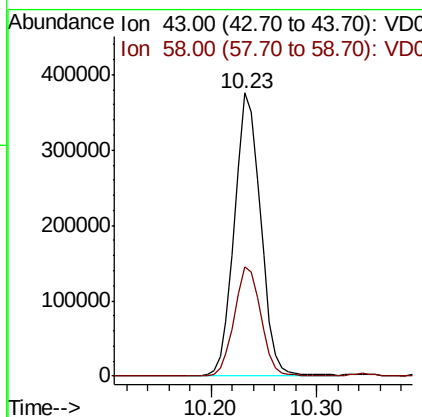
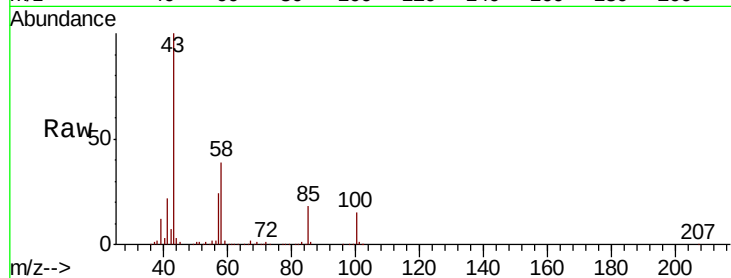




#51
4-Methyl-2-Pentanone
Concen: 239.340 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.01 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

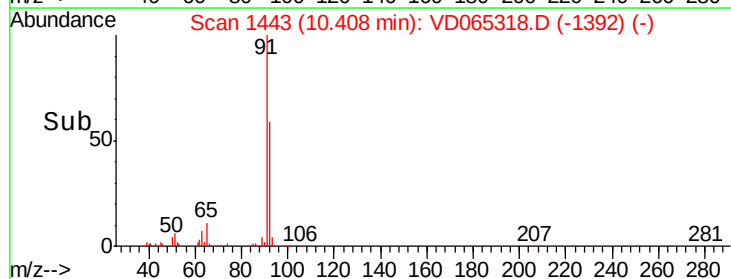
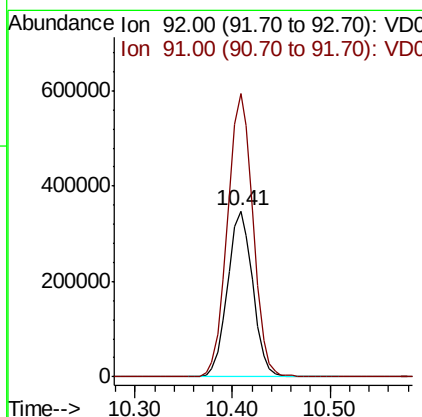
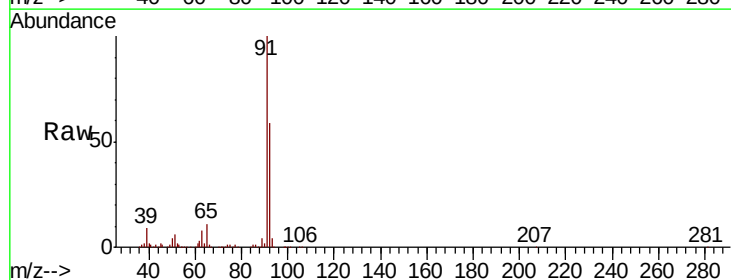
Instrument :
MSVOA_D
ClientSampled :

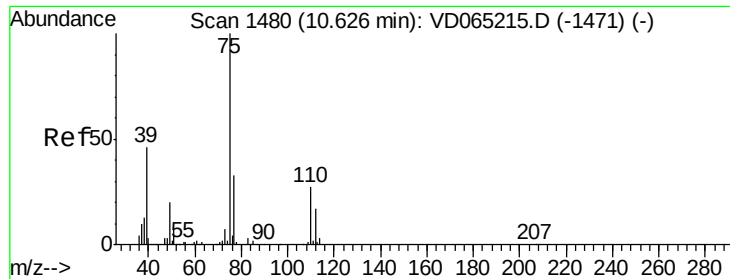
Tot Ion: 43 Resp: 645221
Ion Ratio Lower Upper
43 100
58 39.3 31.1 46.7



#52
Toluene
Concen: 51.167 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion: 92 Resp: 624146
Ion Ratio Lower Upper
92 100
91 172.9 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 48.882 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

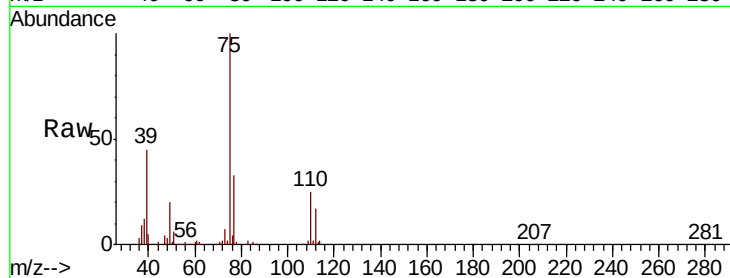
ClientSampleId :

Tot Ion: 75 Resp: 301059

Ion Ratio Lower Upper

75 100

77 32.5 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

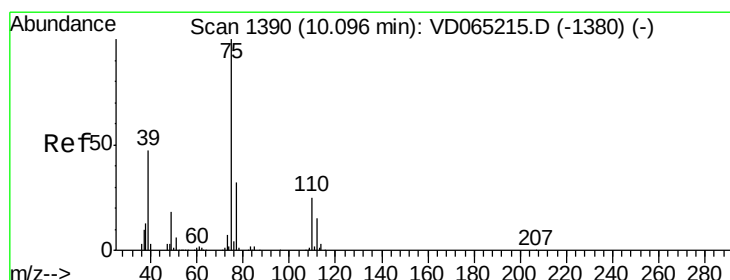
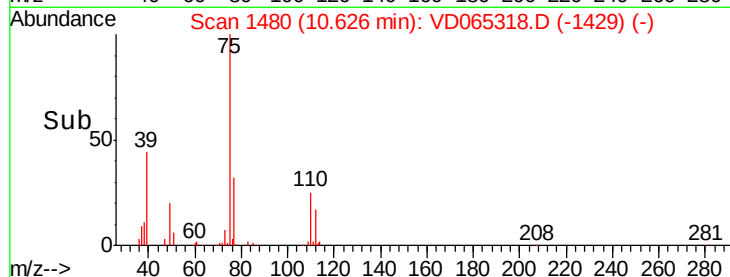
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.531 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

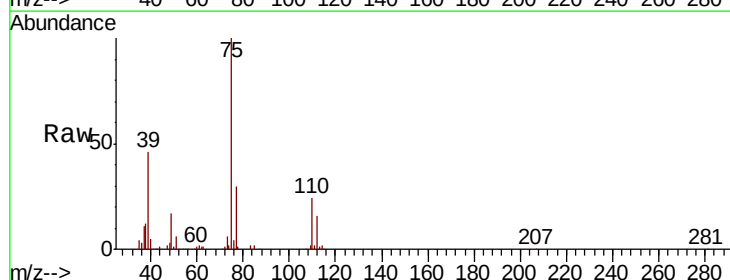
Tgt Ion: 75 Resp: 368372

Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.8

39 45.5 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

10.09

250000

200000

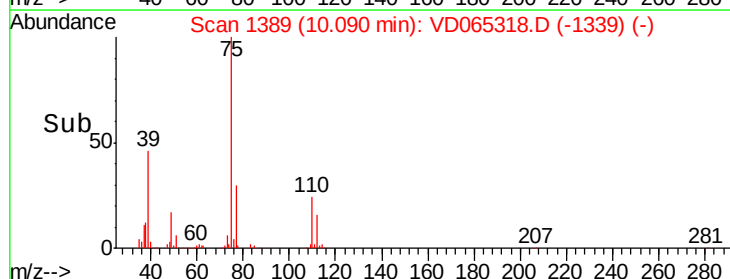
150000

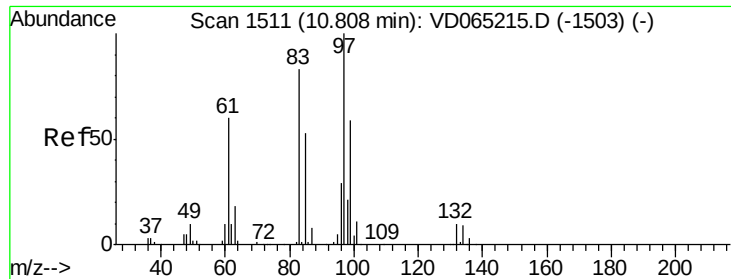
100000

50000

0

Time-->

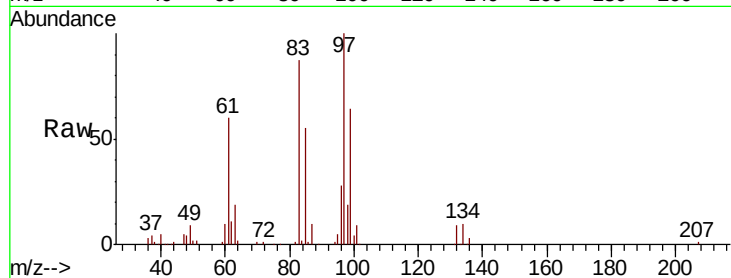




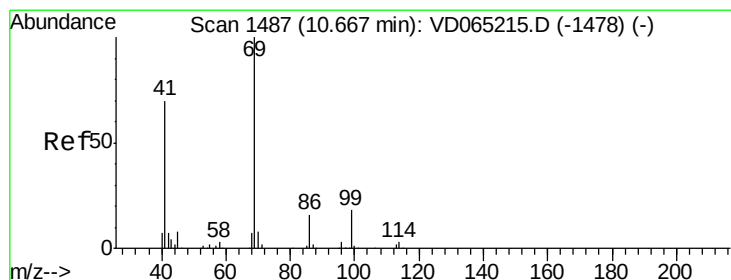
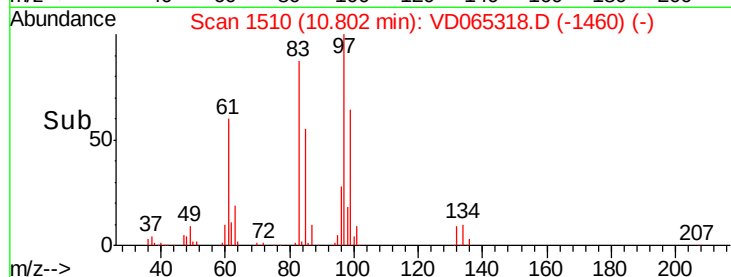
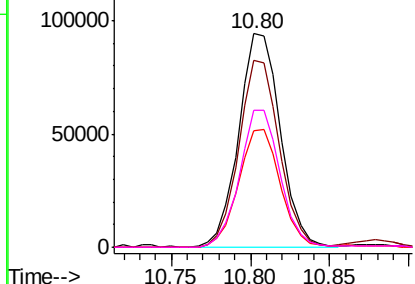
#55
 1,1,2-Trichloroethane
 Concen: 48.606 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	172490
Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.7	100.1
85	54.5	42.4	63.6
99	63.9	47.5	71.3

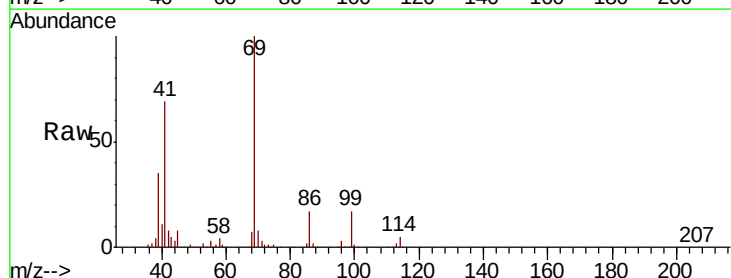


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

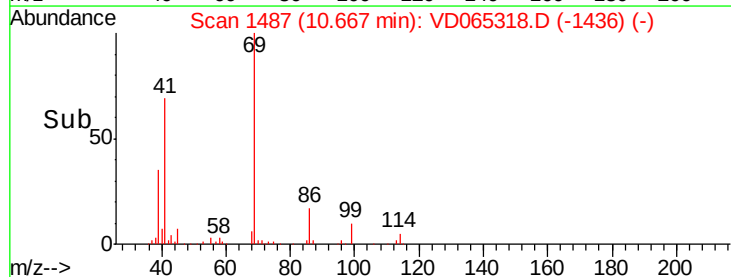
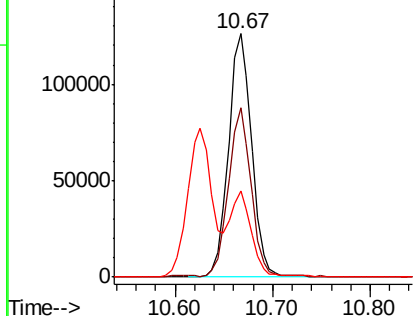


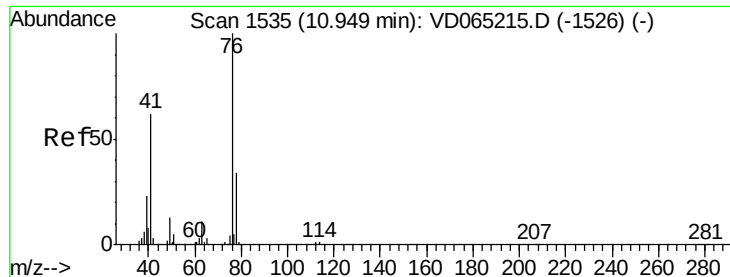
#56
 Ethyl methacrylate
 Concen: 50.601 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Tgt Ion:	69	Resp:	207265
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.6	81.8
39	32.0	26.5	39.7



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





#57

1,3-Dichloropropane

Concen: 48.579 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

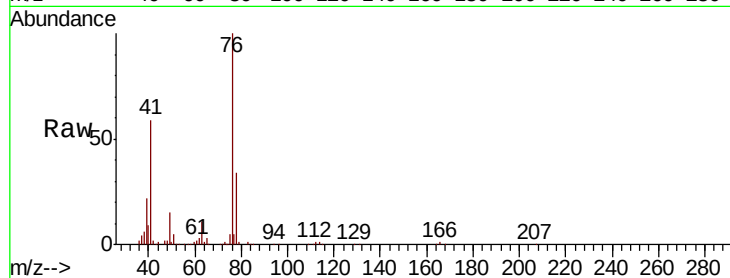
ClientSampleId :

Tot Ion: 76 Resp: 293413

Ion Ratio Lower Upper

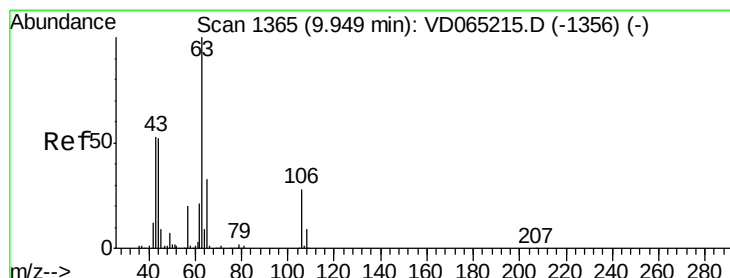
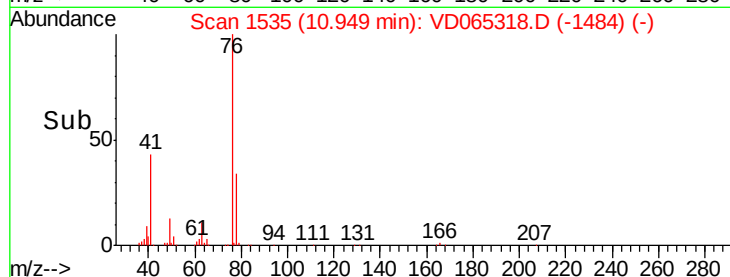
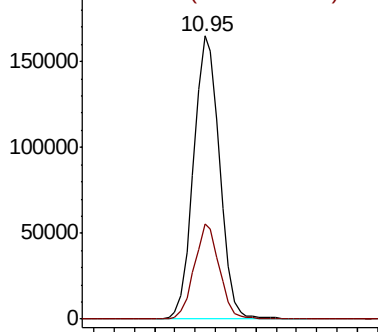
76 100

78 32.5 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 224.651 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD065318.D

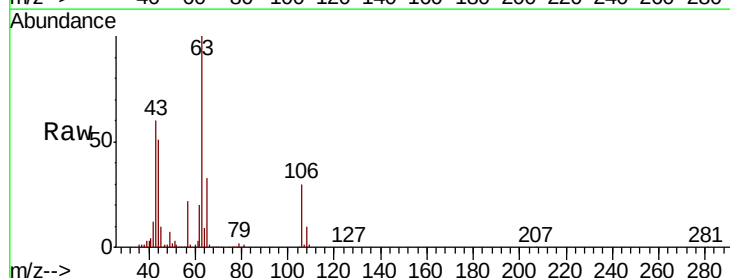
Acq: 26 Feb 2020 10:17

Tgt Ion: 63 Resp: 290108

Ion Ratio Lower Upper

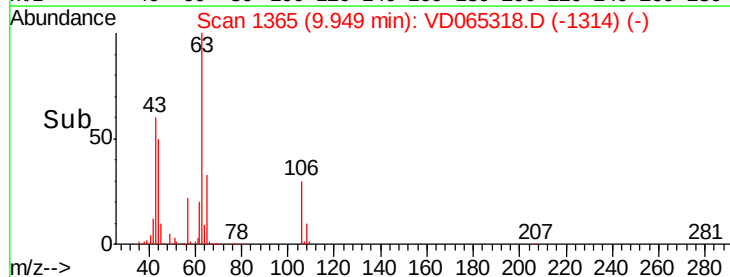
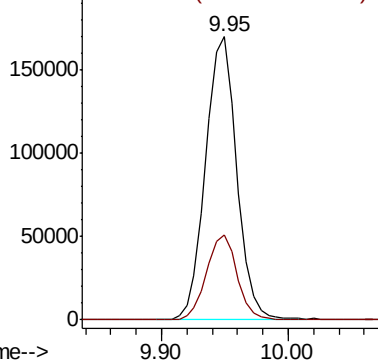
63 100

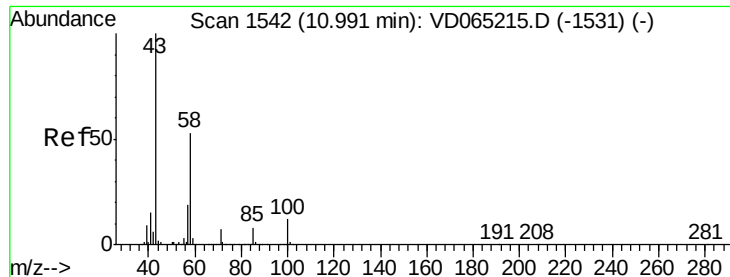
106 29.7 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

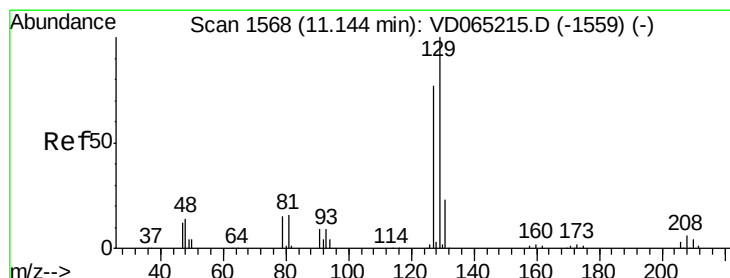
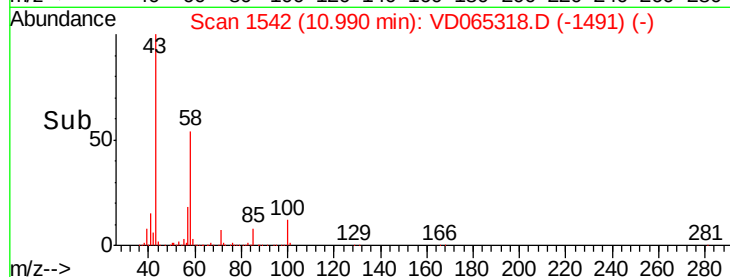
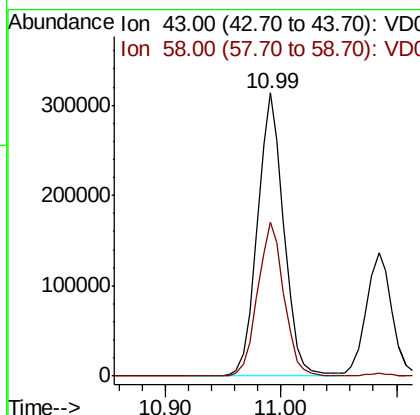
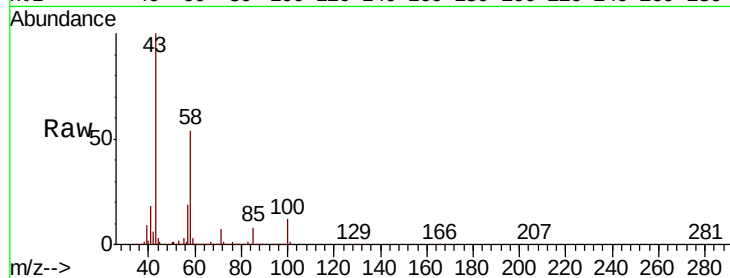




#59
2-Hexanone
Concen: 258.652 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

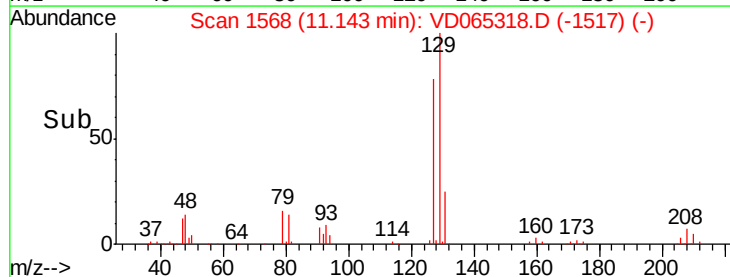
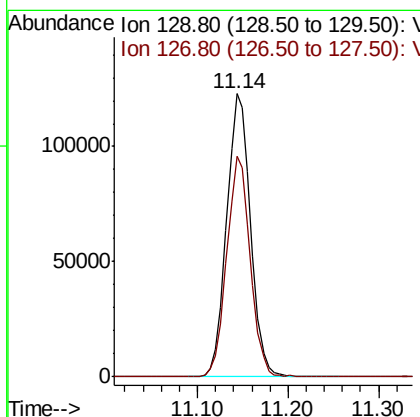
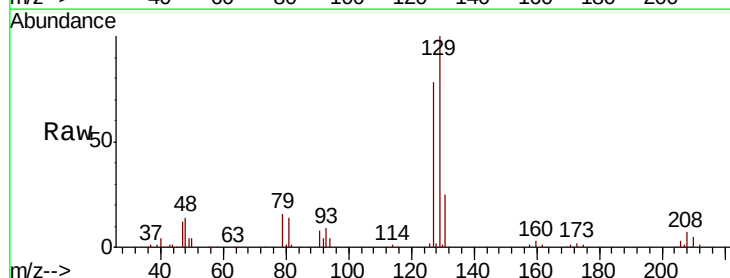
Instrument :
MSVOA_D
ClientSampleId :

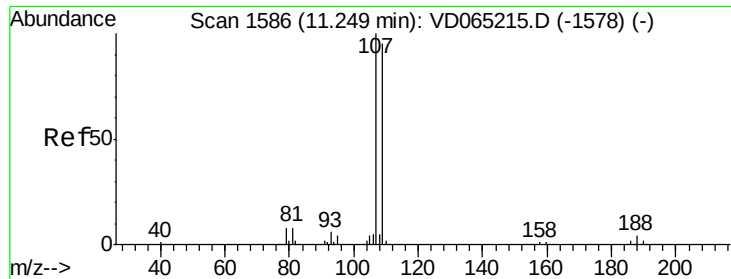
Tot Ion: 43 Resp: 499142
Ion Ratio Lower Upper
43 100
58 54.3 26.3 78.8



#60
Dibromochloromethane
Concen: 49.474 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion:129 Resp: 224720
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

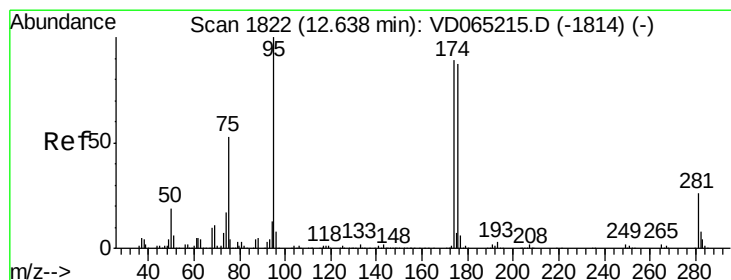
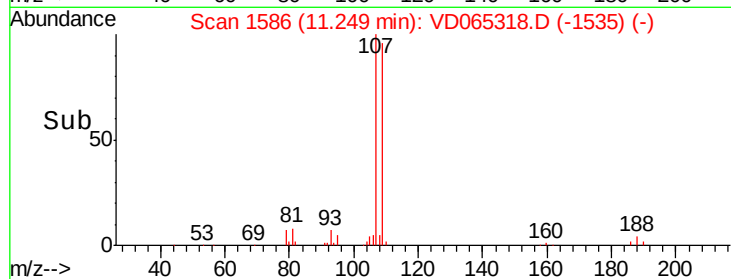
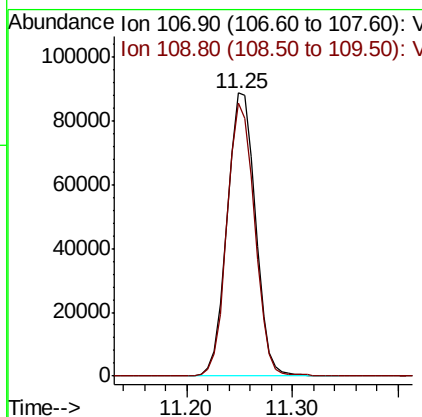
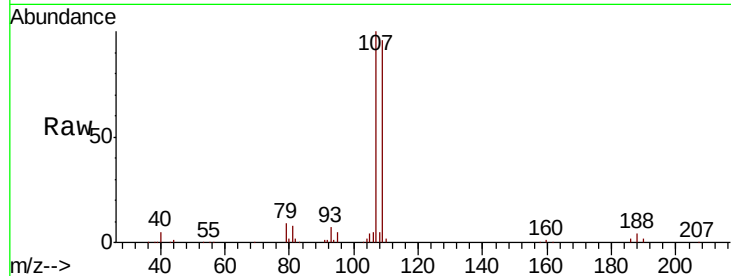




#61
 1,2-Dibromoethane
 Concen: 48.965 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

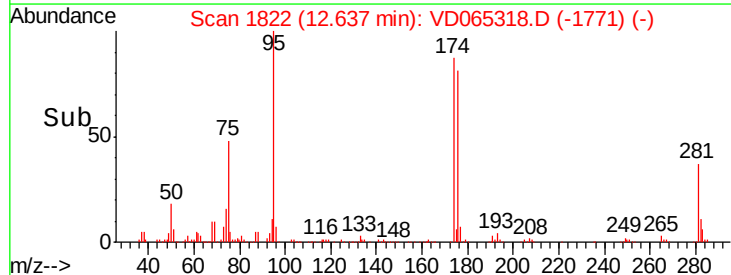
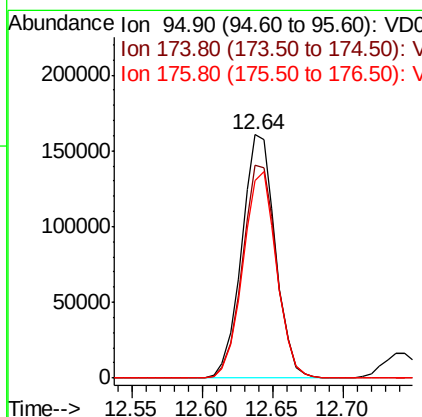
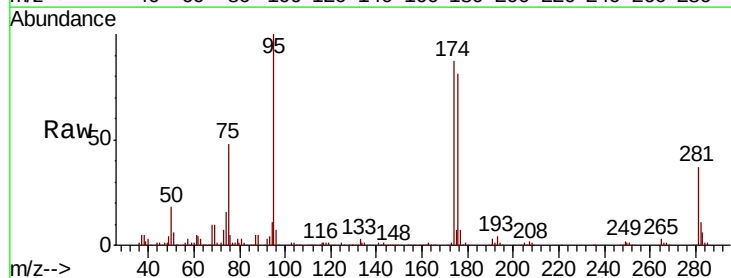
Instrument :
 MSVOA_D
 ClientSampleId :

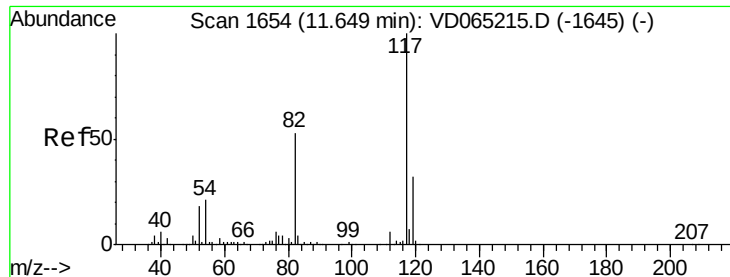
Tot Ion:107 Resp: 164522
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 50.378 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Tgt Ion: 95 Resp: 266941
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 178.0
 176 85.1 0.0 174.4

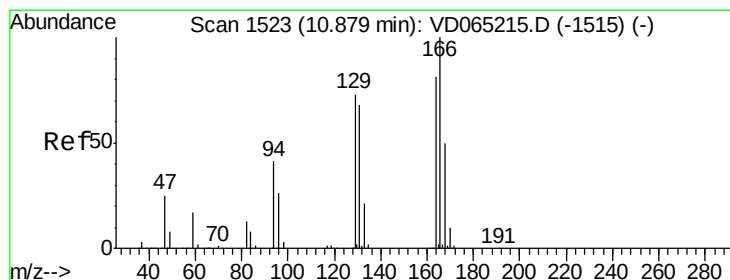
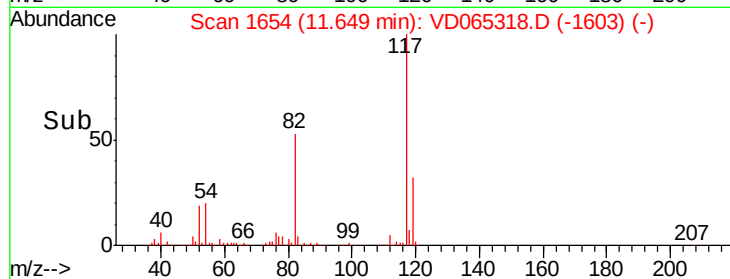
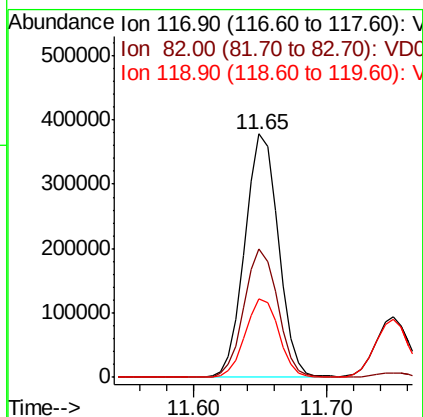
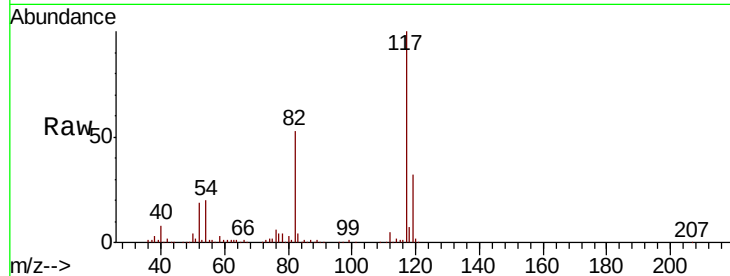




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

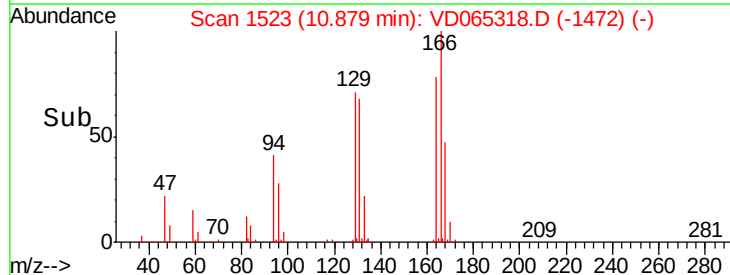
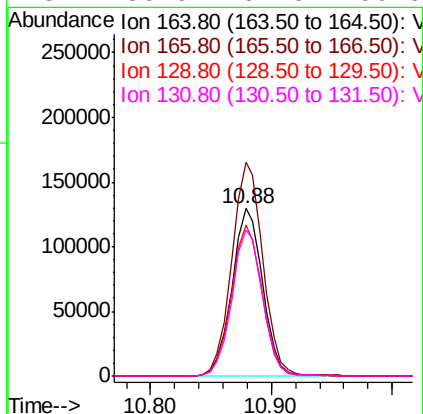
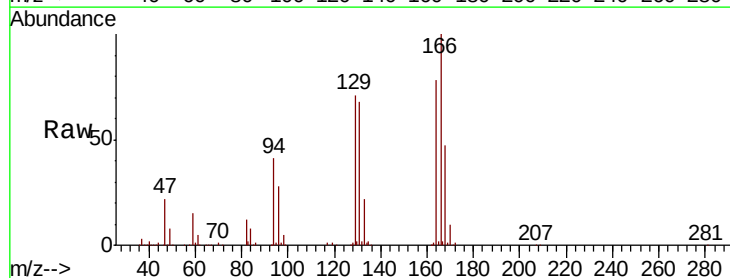
Instrument :
MSVOA_D
ClientSampled :

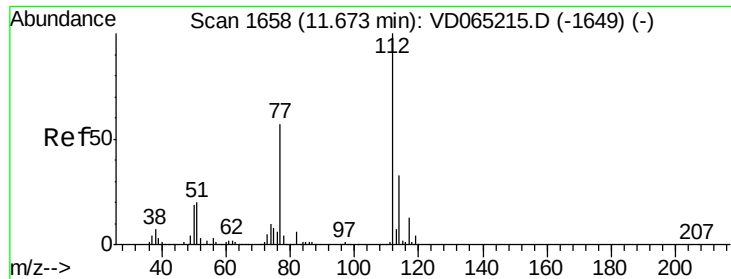
Tot Ion:117 Resp: 658526
Ion Ratio Lower Upper
117 100
82 52.8 42.7 64.1
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 49.070 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion:164 Resp: 229182
Ion Ratio Lower Upper
164 100
166 127.6 98.4 147.6
129 90.3 71.6 107.4
131 86.9 67.3 100.9

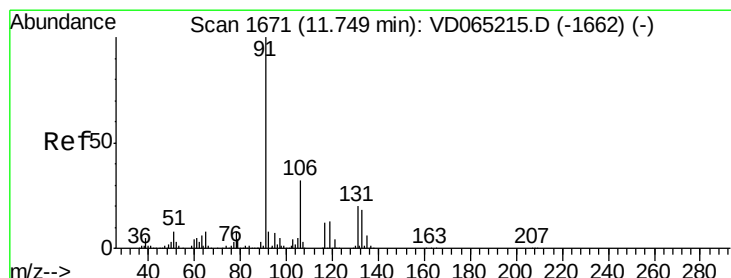
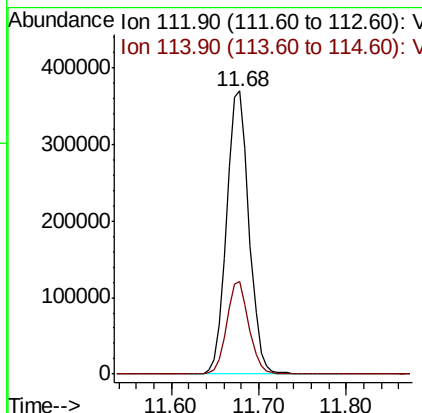
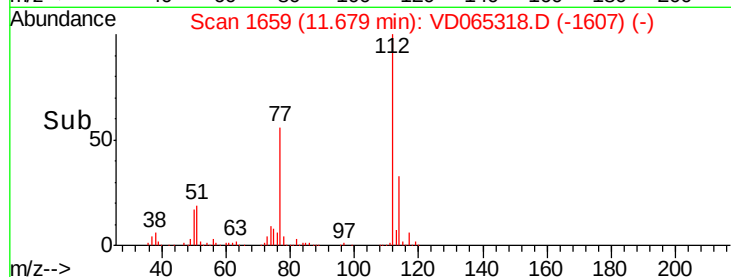
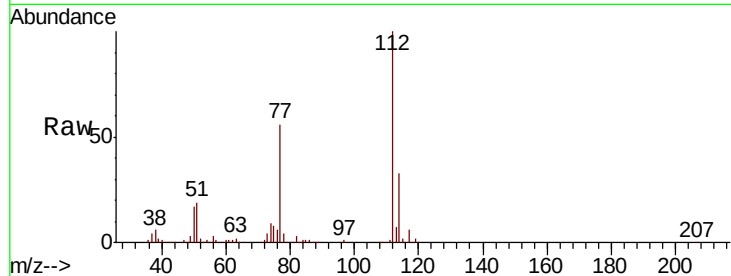




#65
Chlorobenzene
Concen: 49.118 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

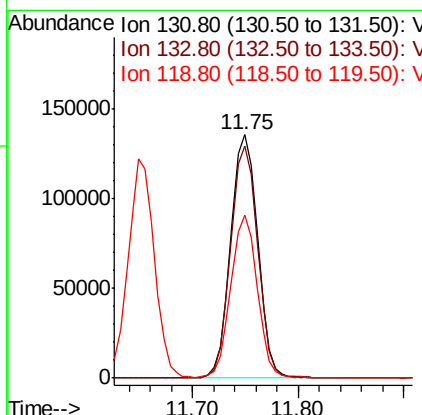
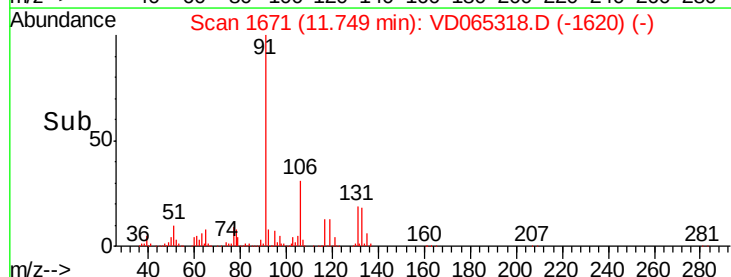
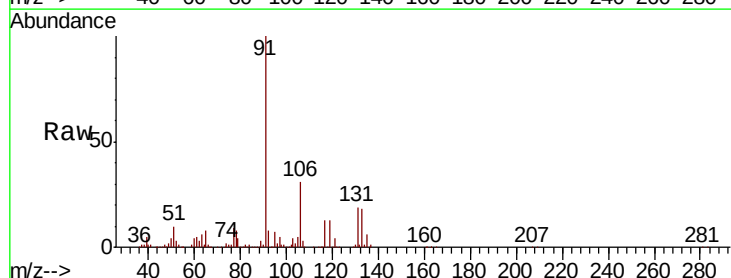
Instrument :
MSVOA_D
ClientSampleId :

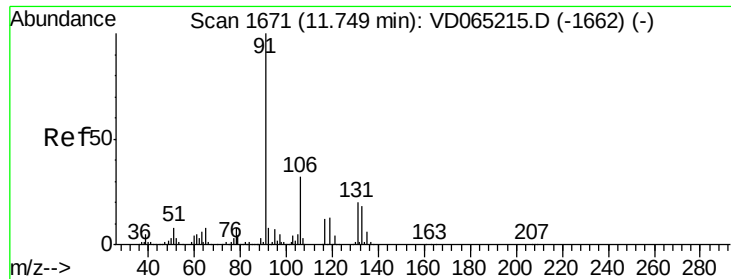
Tot Ion:112 Resp: 649090
Ion Ratio Lower Upper
112 100
114 32.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.500 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion:131 Resp: 239177
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 65.5 32.7 98.1

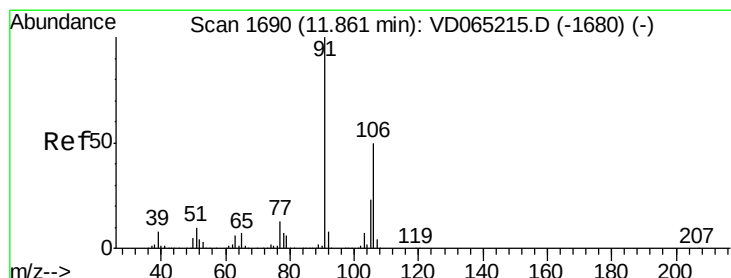
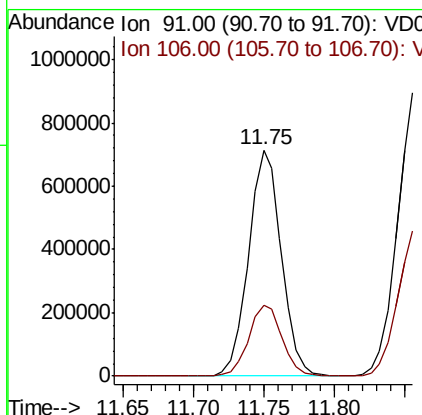
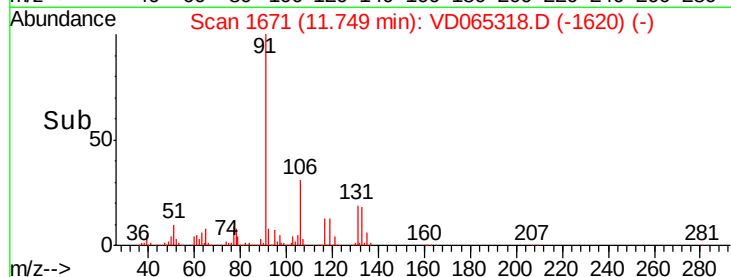
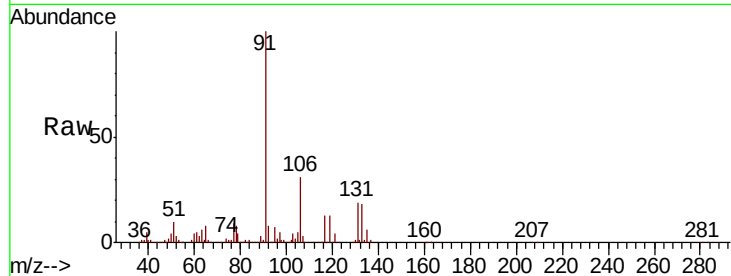




#67
Ethyl Benzene
Concen: 50.209 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

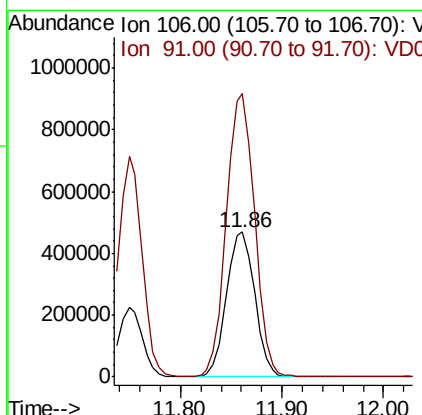
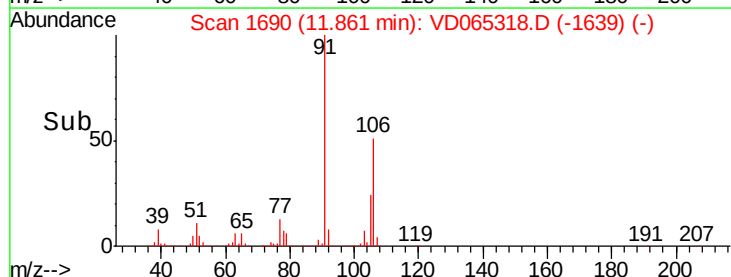
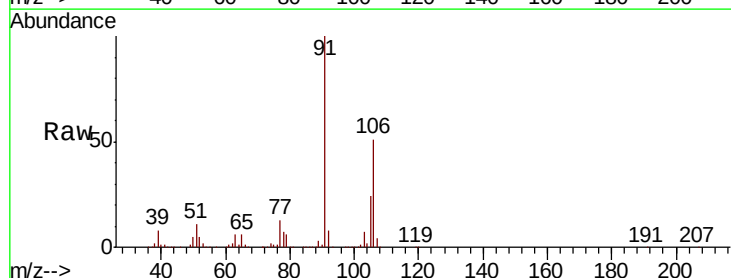
Instrument :
MSVOA_D
ClientSampleId :

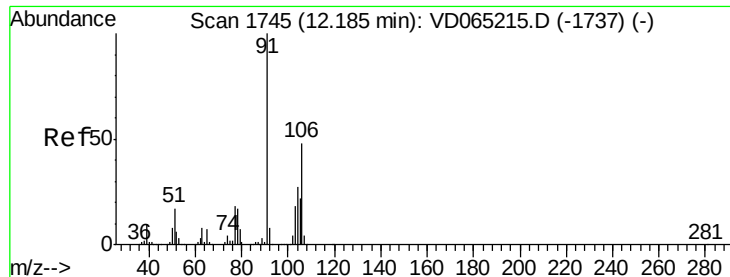
Tot Ion: 91 Resp: 1162059
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 102.403 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion: 106 Resp: 906776
Ion Ratio Lower Upper
106 100
91 195.7 158.2 237.4

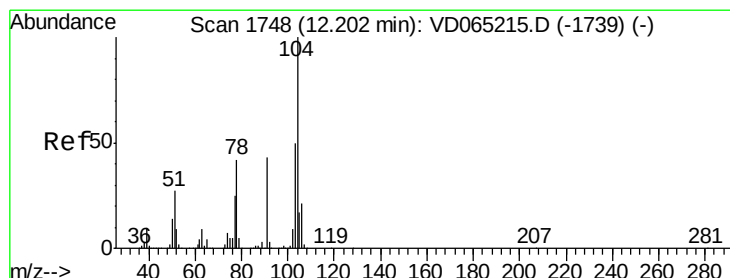
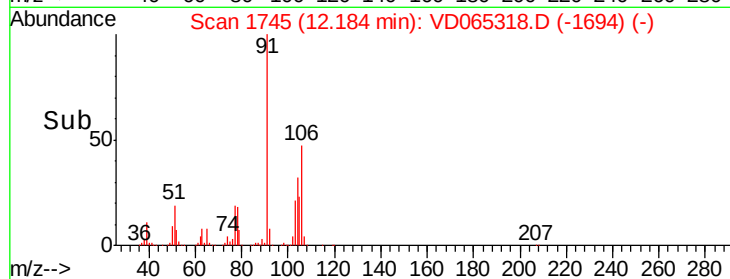
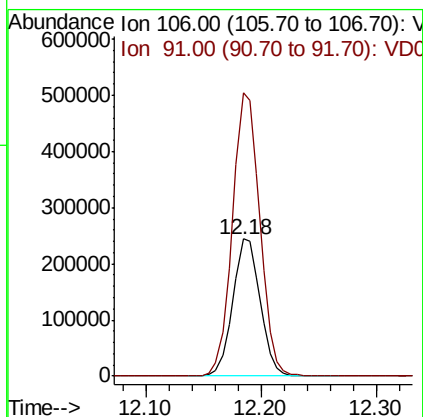
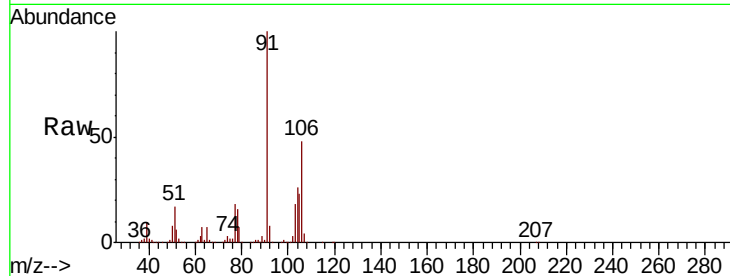




#69
o-Xylene
Concen: 50.994 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

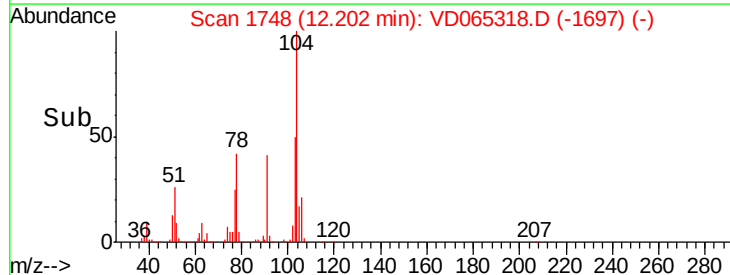
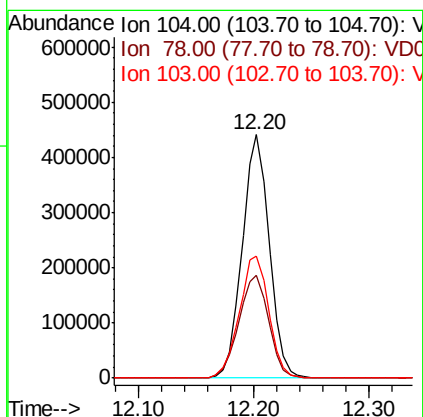
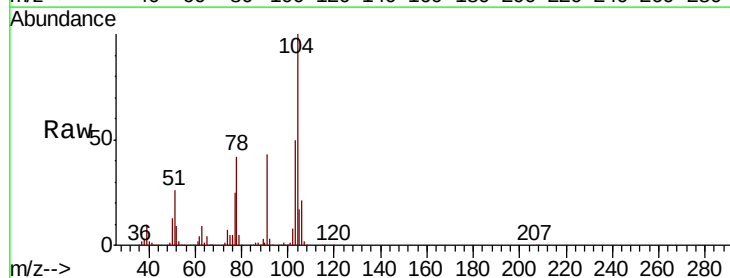
Instrument :
MSVOA_D
ClientSampled :

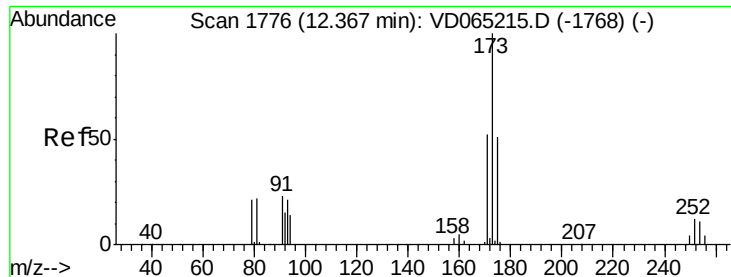
Tot Ion:106 Resp: 400050
Ion Ratio Lower Upper
106 100
91 207.4 104.7 313.9



#70
Styrene
Concen: 51.565 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion:104 Resp: 718227
Ion Ratio Lower Upper
104 100
78 46.5 37.8 56.6
103 54.6 43.4 65.2





#71

Bromoform

Concen: 47.390 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

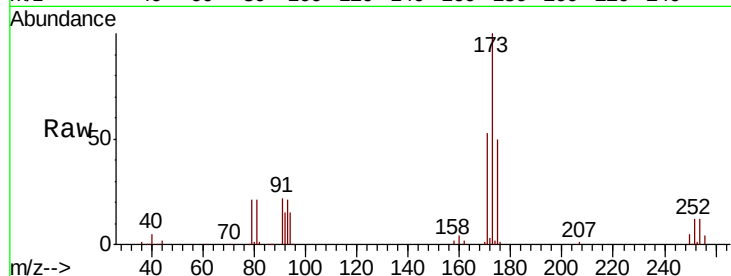
Tot Ion:173 Resp: 129683

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

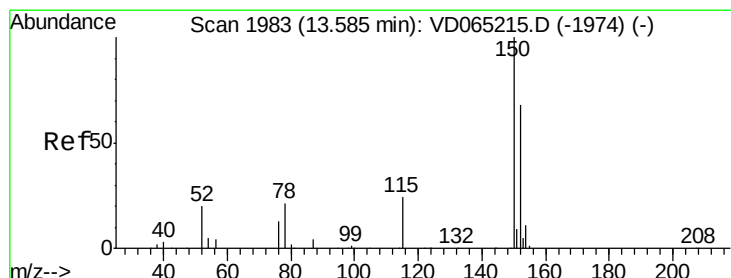
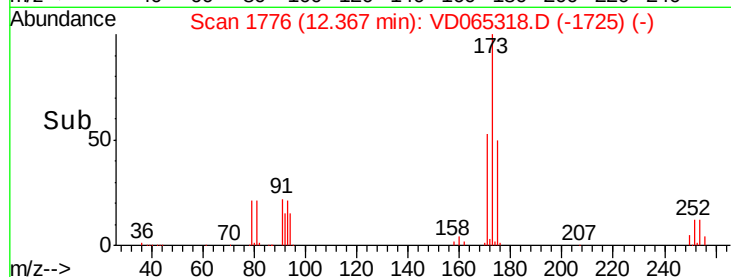
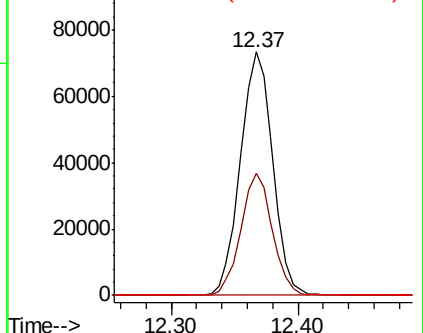
254 0.0 0.0 0.0



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: VD065318.D

Acq: 26 Feb 2020 10:17

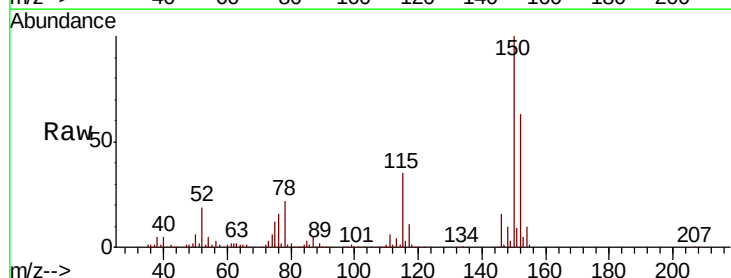
Tgt Ion:152 Resp: 326873

Ion Ratio Lower Upper

152 100

115 56.1 27.6 82.8

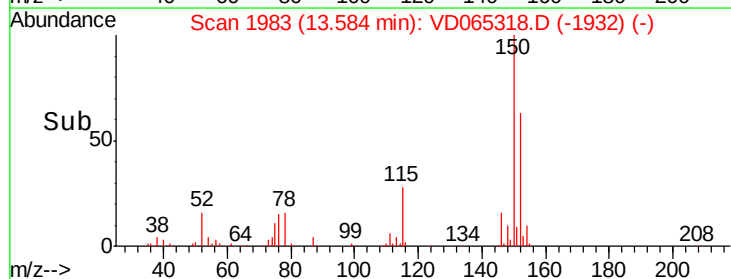
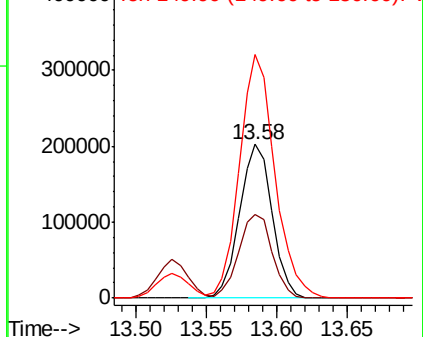
150 171.7 0.0 347.4

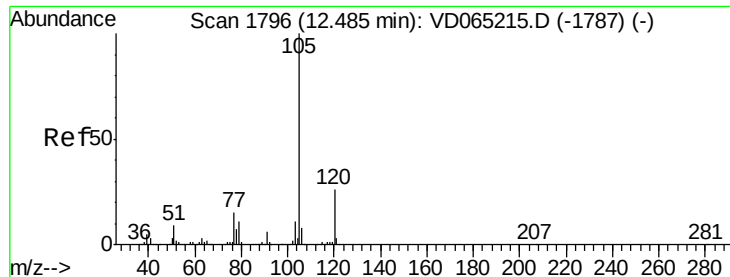


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.564 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

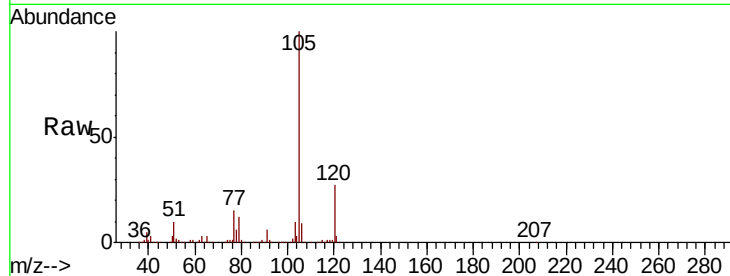
ClientSampled :

Tot Ion:105 Resp: 1115881

Ion Ratio Lower Upper

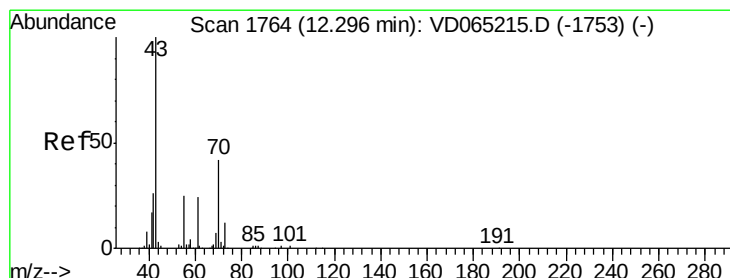
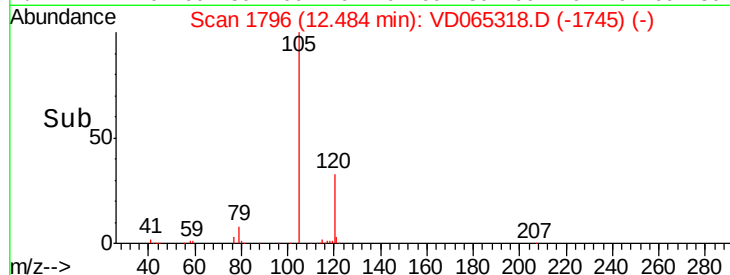
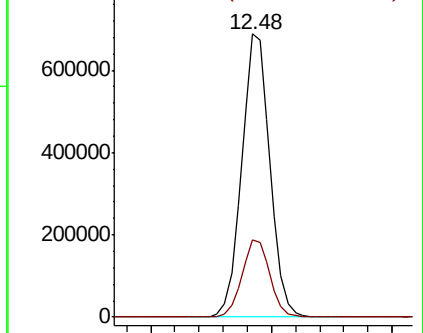
105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.582 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Tgt Ion: 43 Resp: 223997

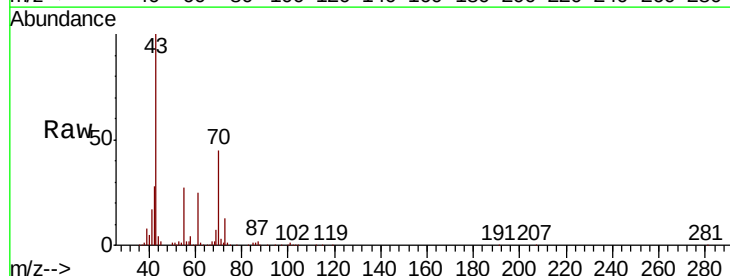
Ion Ratio Lower Upper

43 100

70 44.0 33.7 50.5

55 27.9 20.7 31.1

61 24.5 19.0 28.4

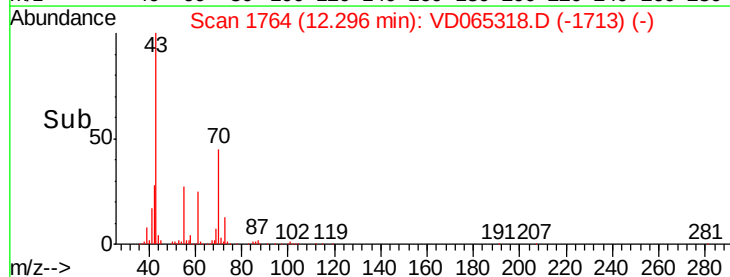
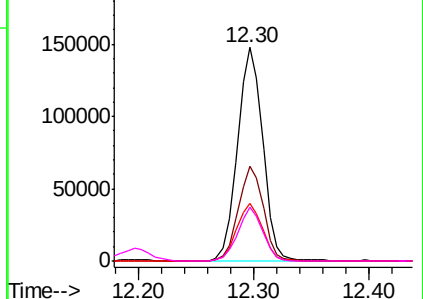


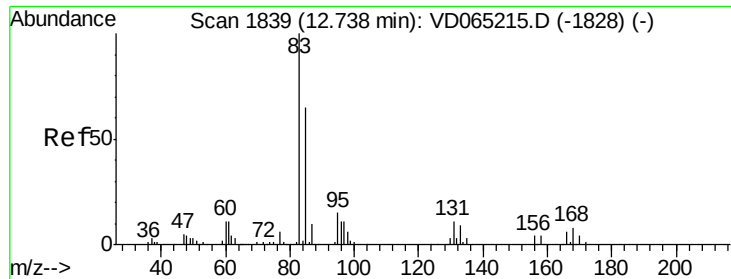
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 46.767 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

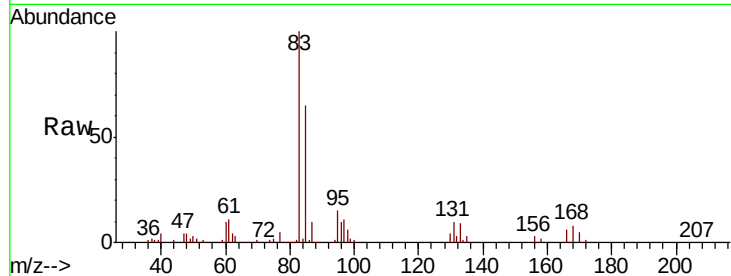
Tot Ion: 83 Resp: 182655

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

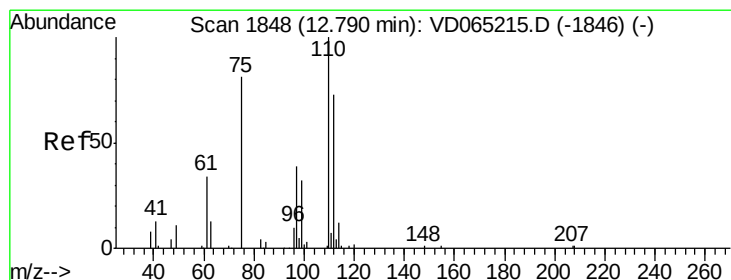
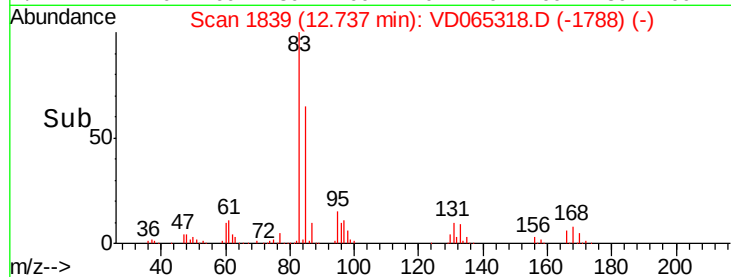
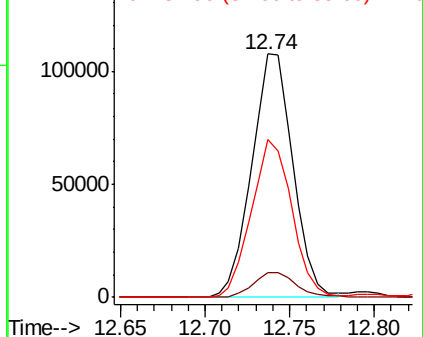
85 64.0 31.6 94.8



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: 84.229 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065318.D

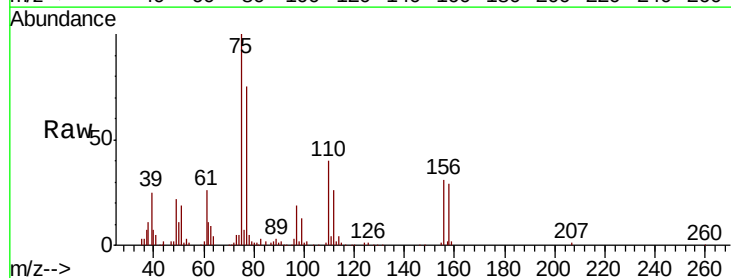
Acq: 26 Feb 2020 10:17

Tgt Ion: 75 Resp: 234251

Ion Ratio Lower Upper

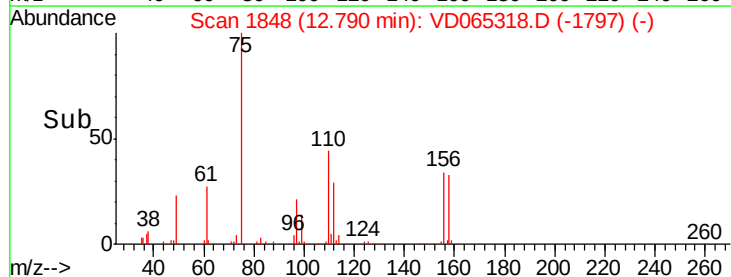
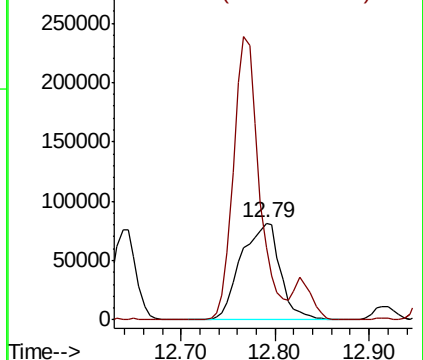
75 100

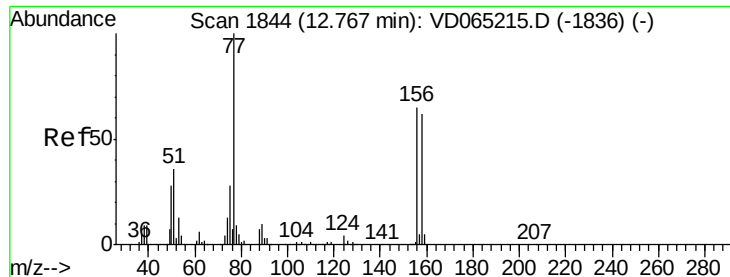
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.504 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

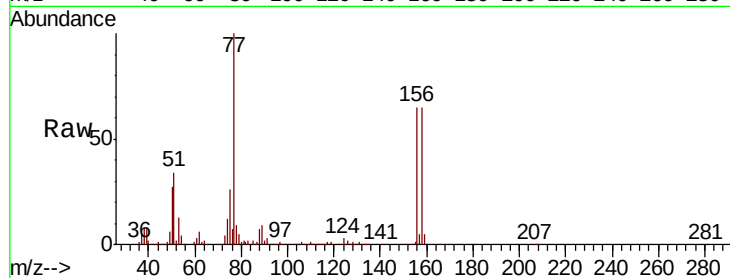
Tot Ion:156 Resp: 266022

Ion Ratio Lower Upper

156 100

77 172.1 86.6 259.7

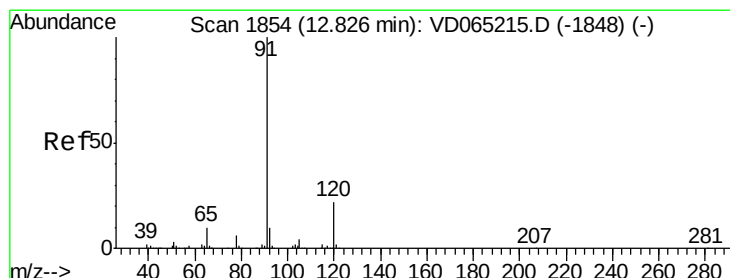
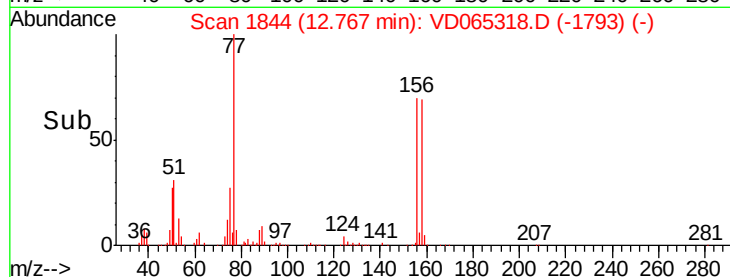
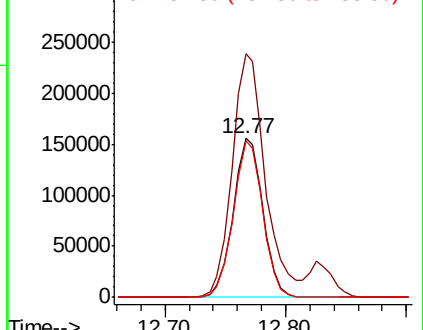
158 97.4 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.357 ug/l

RT: 12.83 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VD065318.D

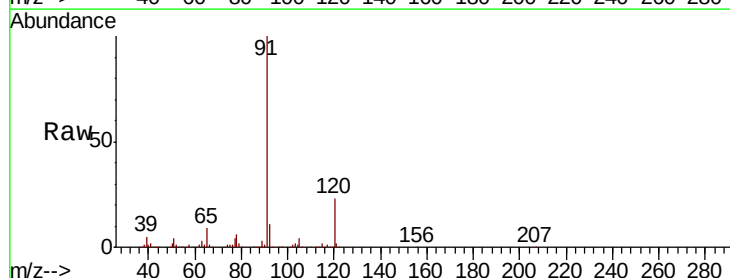
Acq: 26 Feb 2020 10:17

Tgt Ion: 91 Resp: 1335585

Ion Ratio Lower Upper

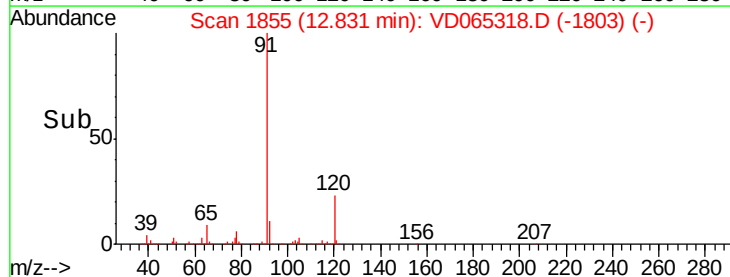
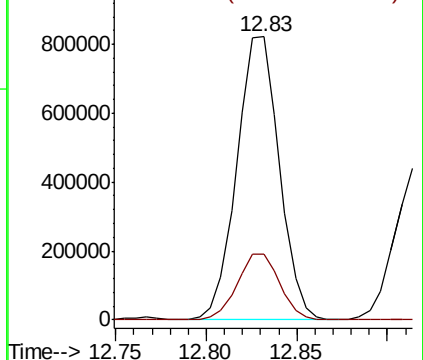
91 100

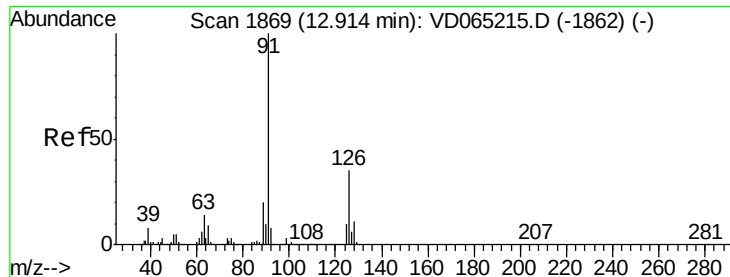
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

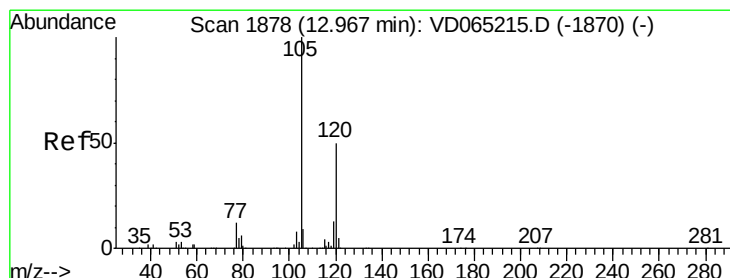
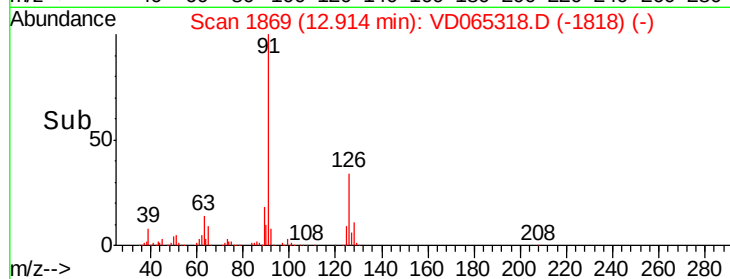
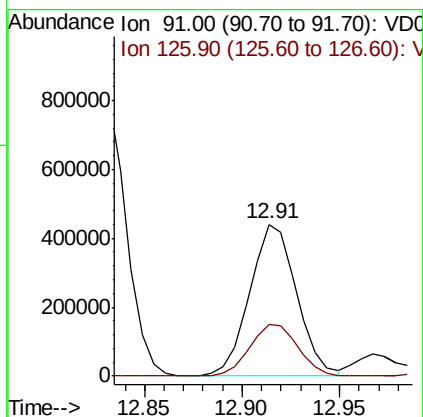
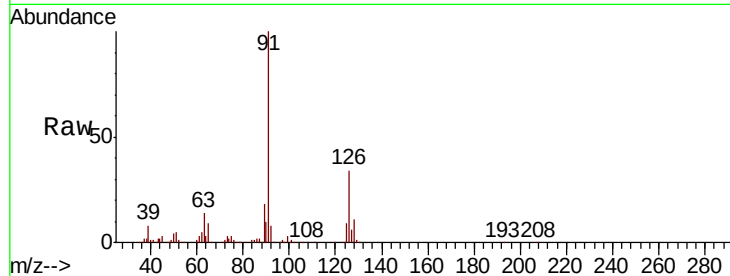




#79
 2-Chlorotoluene
 Concen: 50.270 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

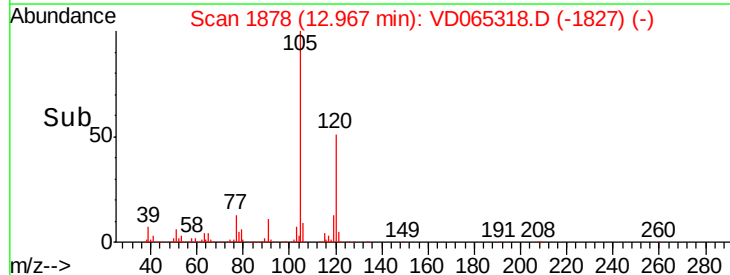
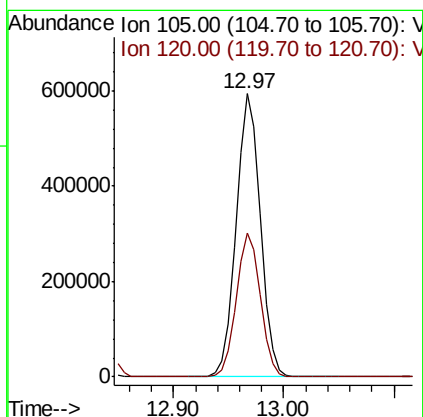
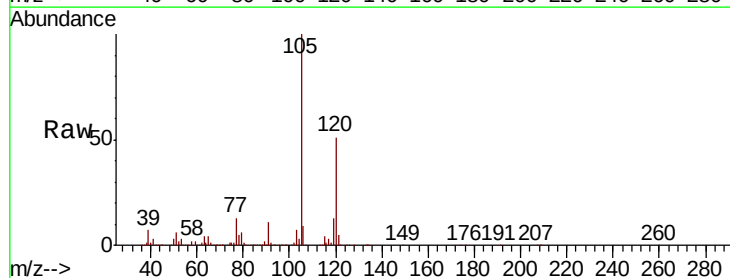
Instrument :
 MSVOA_D
 ClientSampleId :

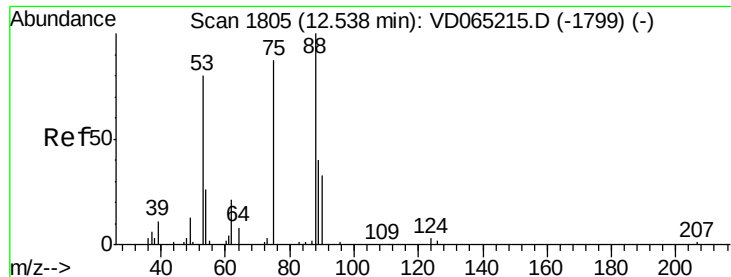
Tot Ion: 91 Resp: 732361
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.217 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Tgt Ion: 105 Resp: 912872
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.626 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampled :

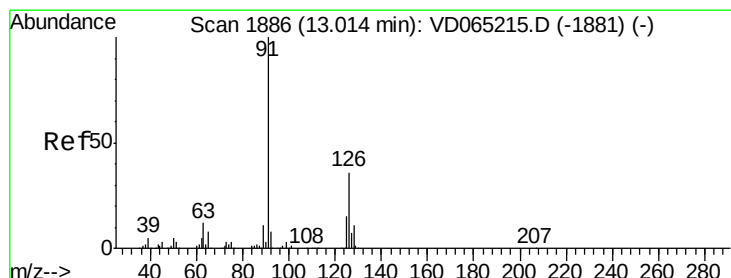
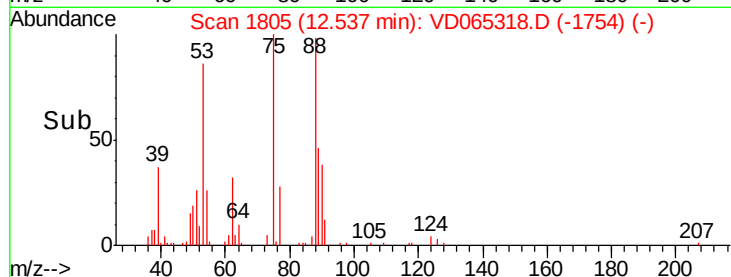
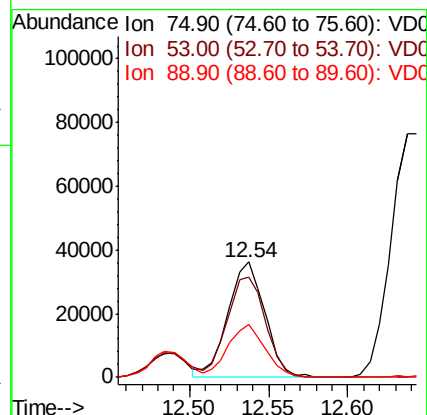
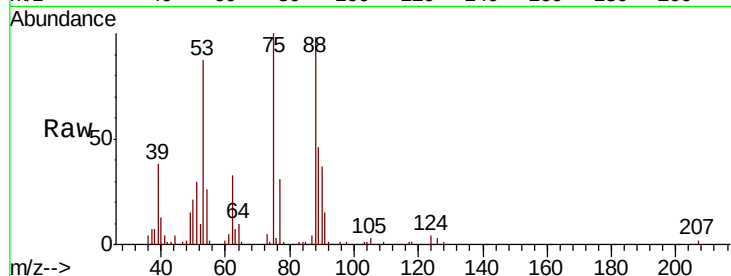
Tot Ion: 75 Resp: 58769

Ion Ratio Lower Upper

75 100

53 90.2 77.6 116.4

89 45.8 37.2 55.8



#82

4-Chlorotoluene

Concen: 49.625 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065318.D

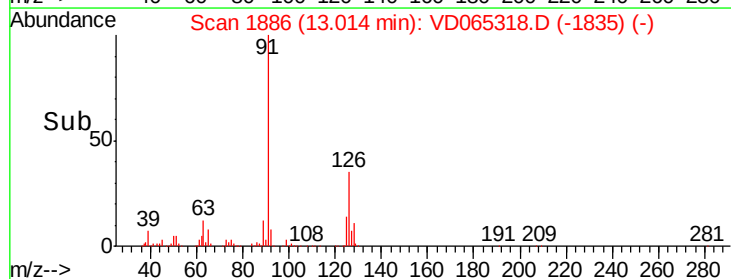
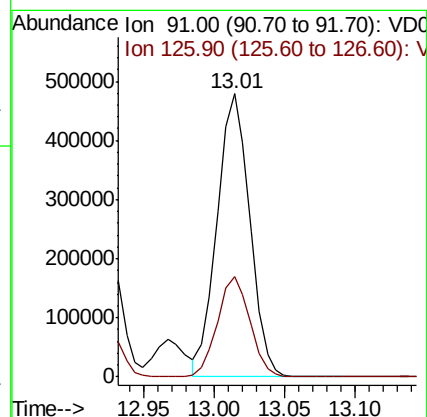
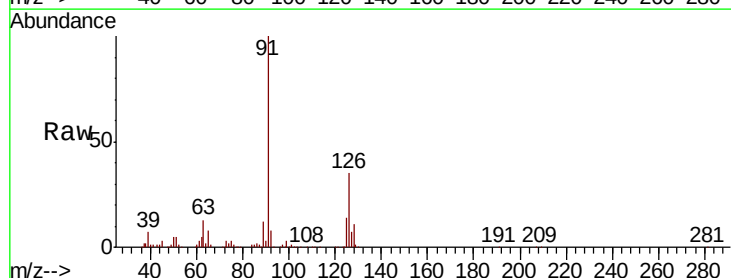
Acq: 26 Feb 2020 10:17

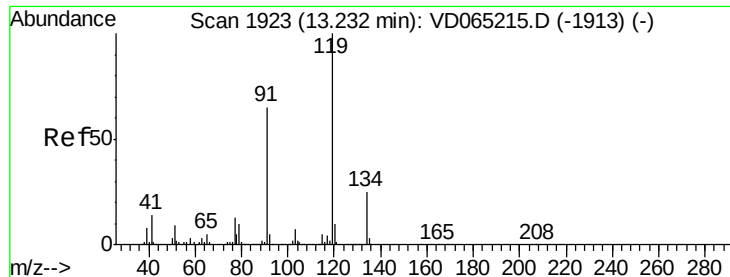
Tgt Ion: 91 Resp: 767538

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.3

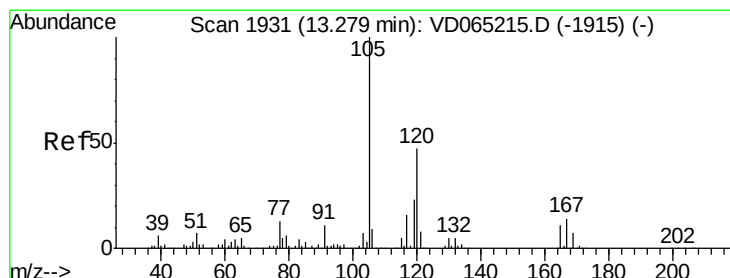
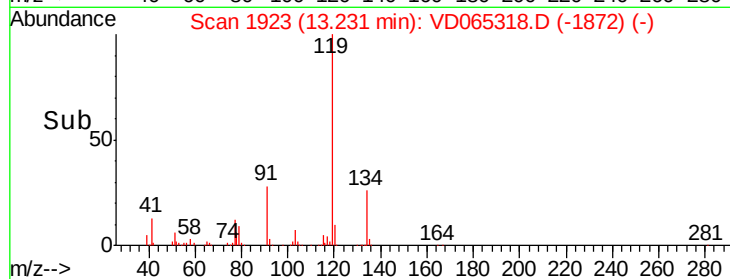
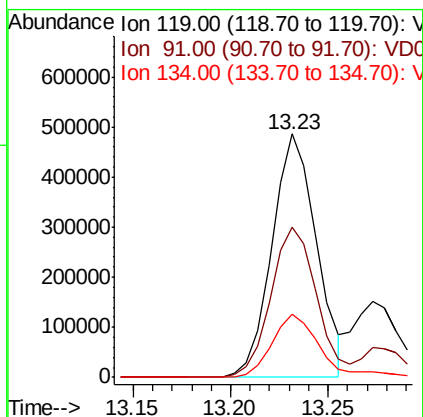
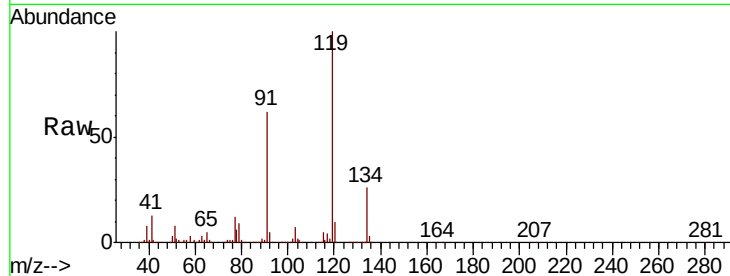




#83
tert-Butylbenzene
Concen: 51.444 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

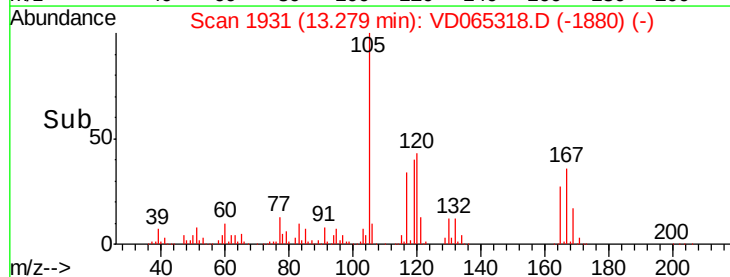
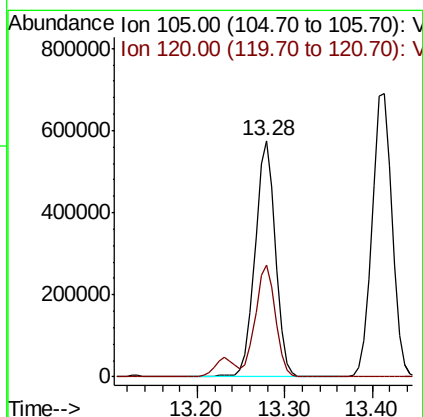
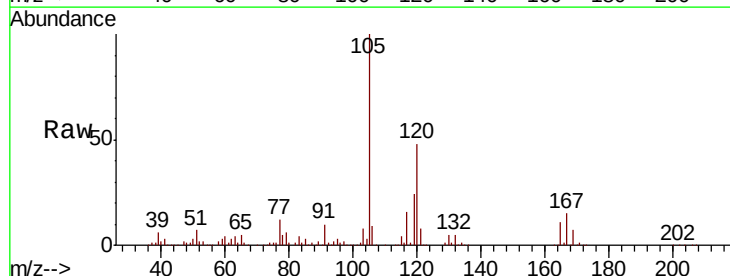
Instrument :
MSVOA_D
ClientSampled :

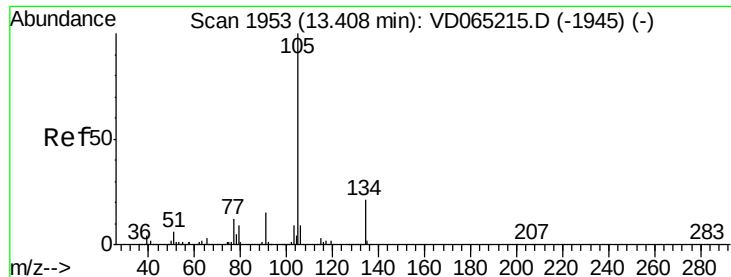
Tot Ion:119 Resp: 768502
Ion Ratio Lower Upper
119 100
91 63.3 31.9 95.5
134 27.8 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 50.852 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion:105 Resp: 907213
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.9





#85

sec-Butylbenzene

Concen: 51.243 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

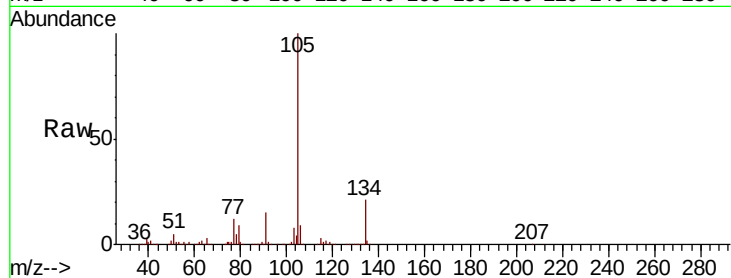
ClientSampleId :

Tot Ion:105 Resp: 1103044

Ion Ratio Lower Upper

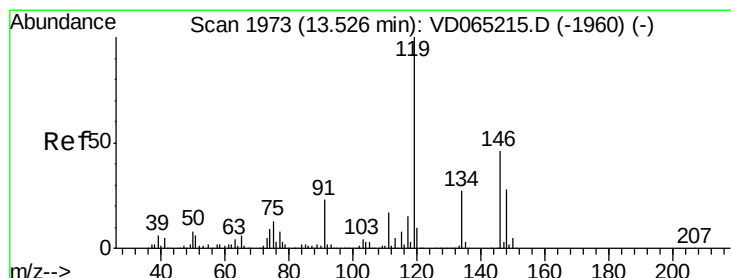
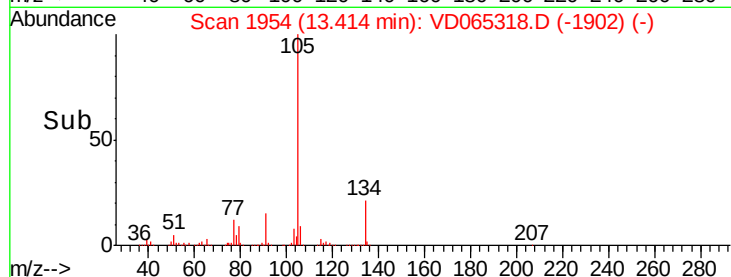
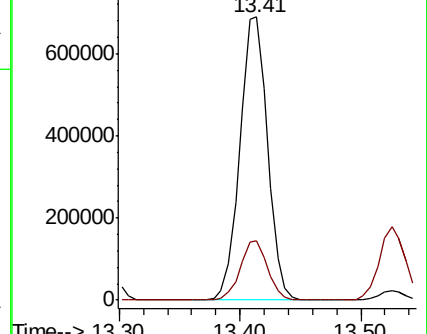
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.732 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

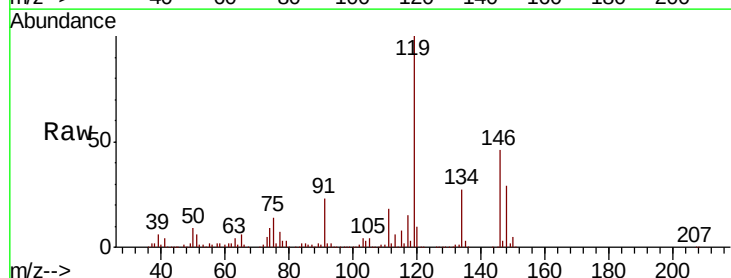
Tgt Ion:119 Resp: 1018353

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

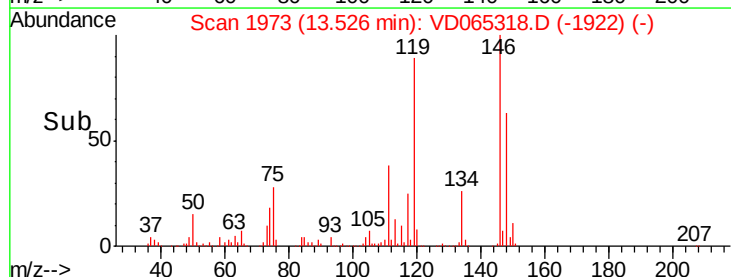
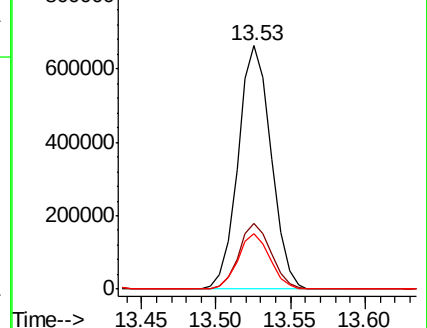
91 22.0 11.1 33.1

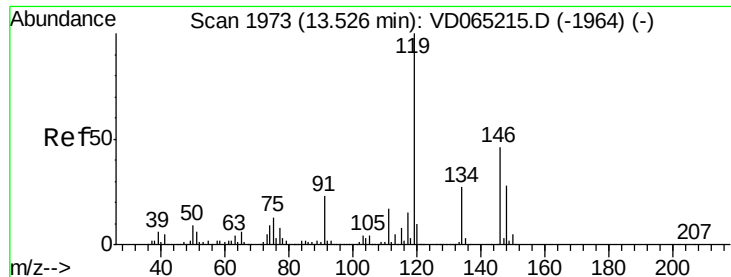


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.705 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065318.D

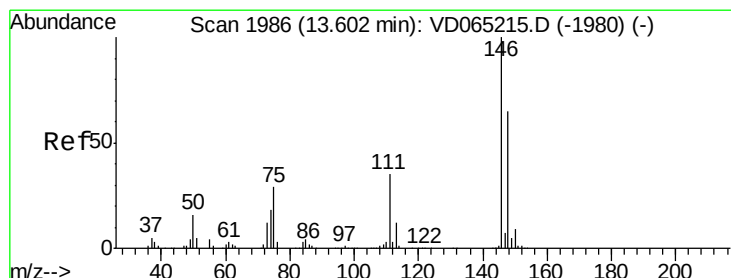
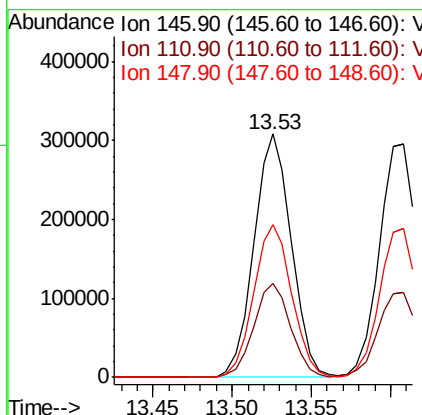
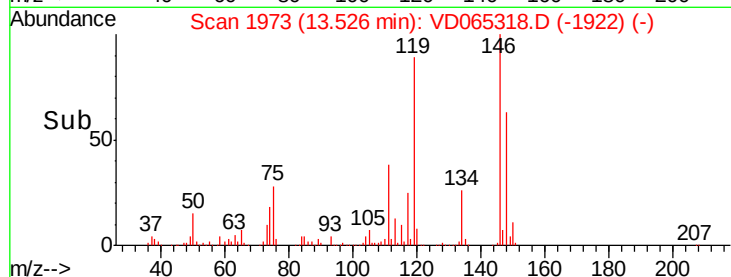
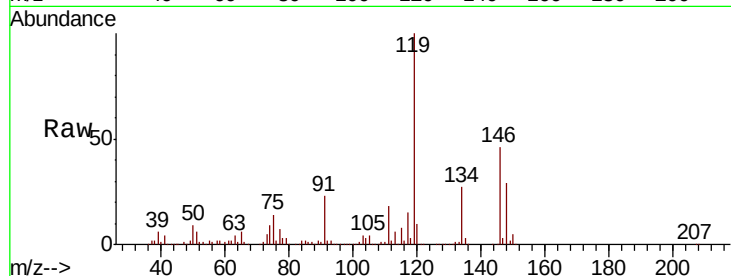
Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:146	Resp:	505973
Ion	Ratio	Lower Upper
146	100	
111	37.9	18.6 55.8
148	63.7	31.4 94.3



#88

1,4-Dichlorobenzene

Concen: 48.325 ug/l

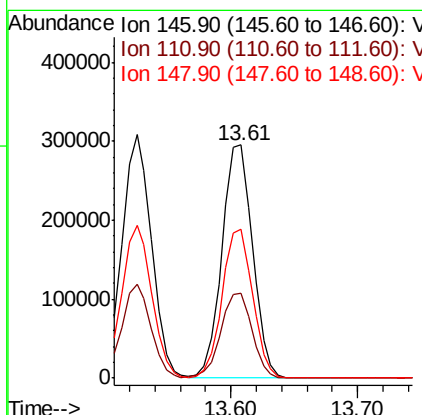
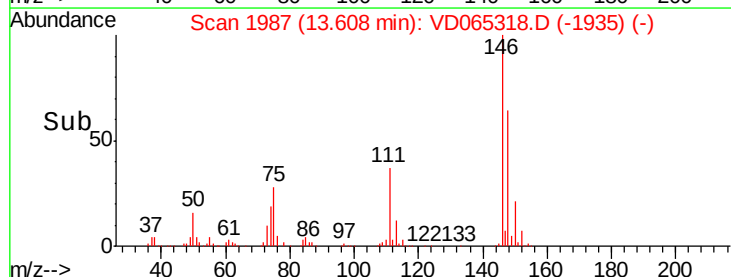
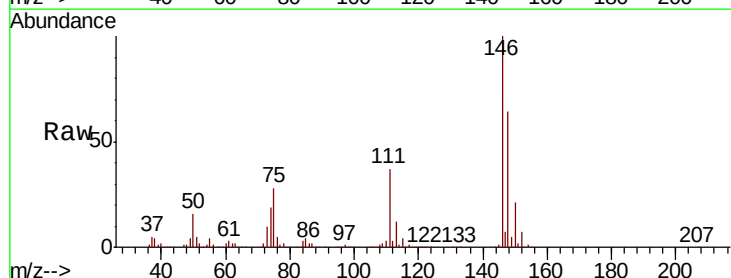
RT: 13.61 min Scan# 1987

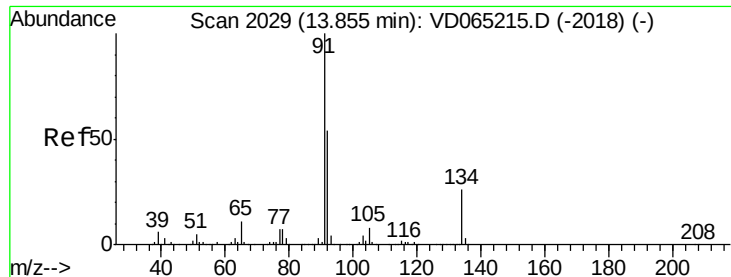
Delta R.T. 0.01 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Tgt Ion:146	Resp:	495478
Ion	Ratio	Lower Upper
146	100	
111	37.3	18.4 55.2
148	63.6	32.1 96.5

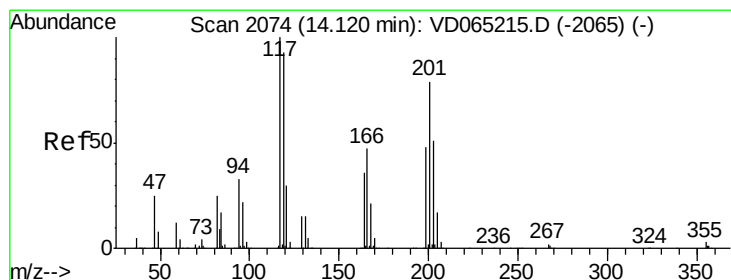
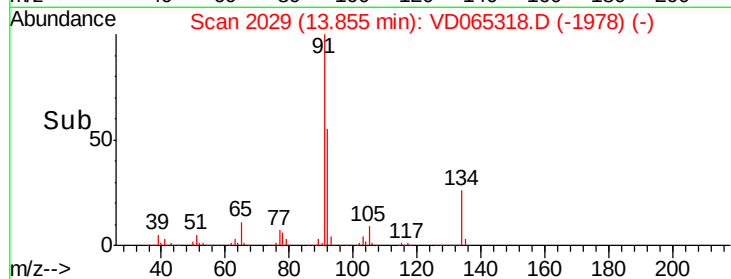
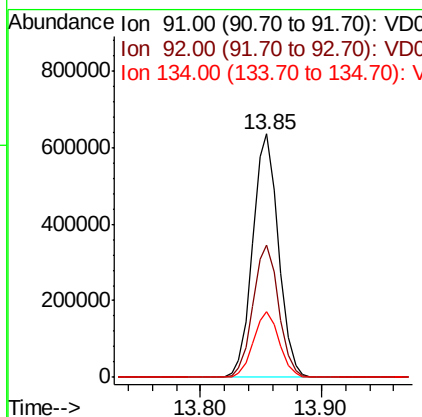
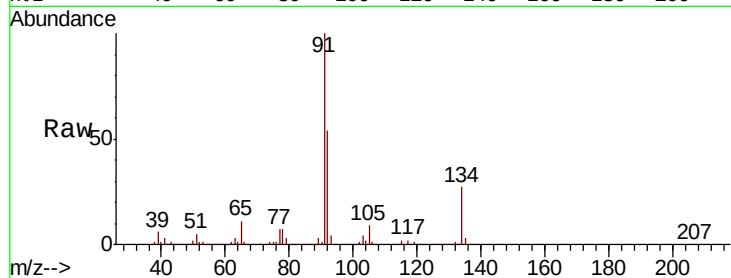




#89
n-Butylbenzene
Concen: 51.925 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

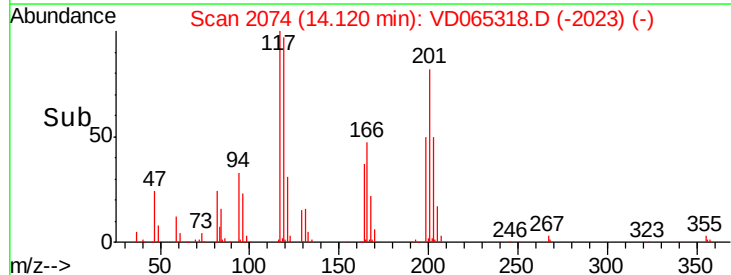
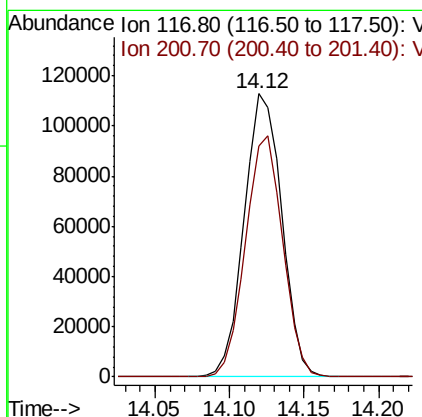
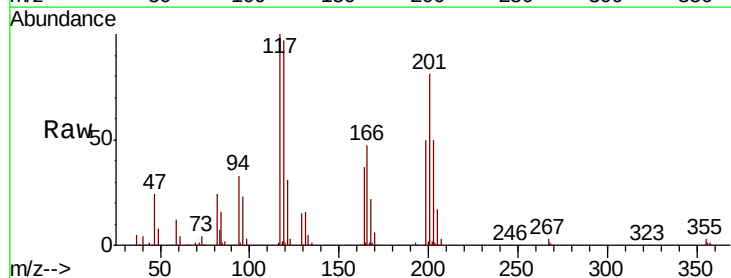
Instrument :
MSVOA_D
ClientSampled :

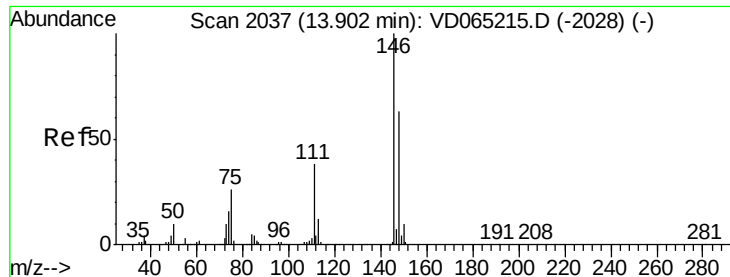
Tot Ion: 91 Resp: 941894
Ion Ratio Lower Upper
91 100
92 54.3 27.0 80.8
134 27.0 13.5 40.4



#90
Hexachloroethane
Concen: 49.206 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065318.D
Acq: 26 Feb 2020 10:17

Tgt Ion: 117 Resp: 196676
Ion Ratio Lower Upper
117 100
201 84.2 41.3 124.1





#91

1,2-Dichlorobenzene

Concen: 48.775 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

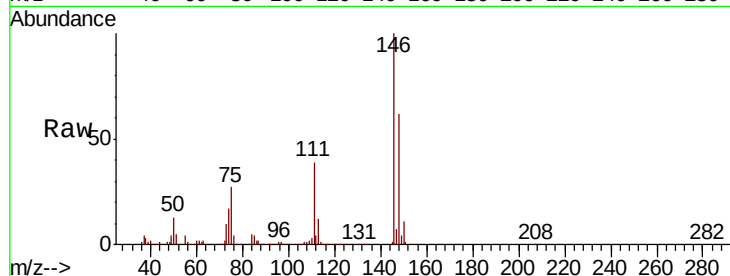
Tot Ion:146 Resp: 435071

Ion Ratio Lower Upper

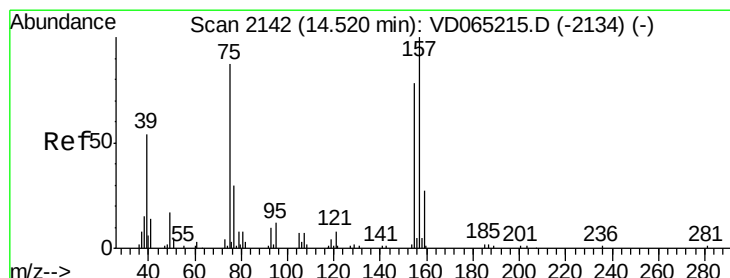
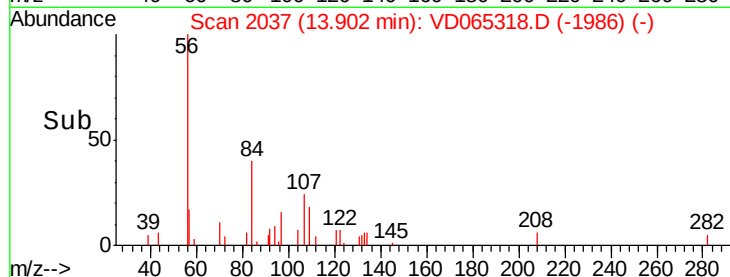
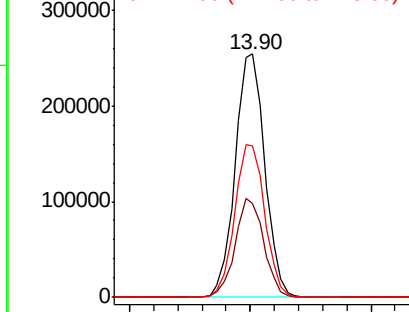
146 100

111 39.1 19.7 59.0

148 63.6 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: 43.823 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

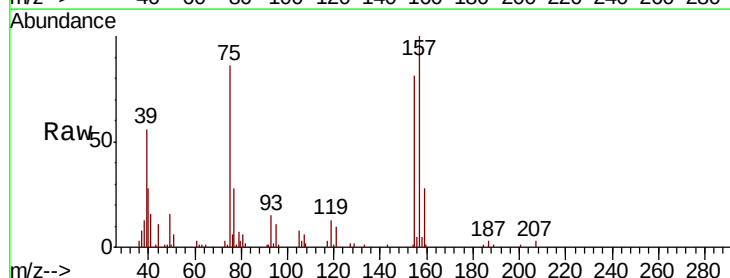
Tgt Ion: 75 Resp: 26376

Ion Ratio Lower Upper

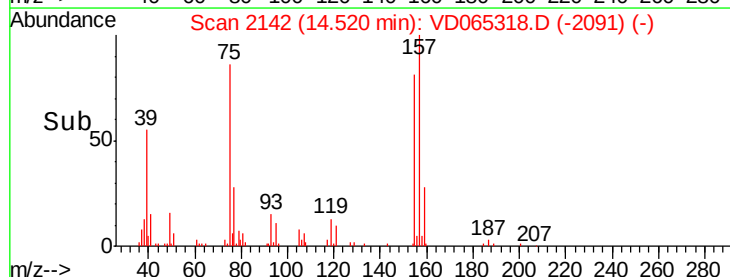
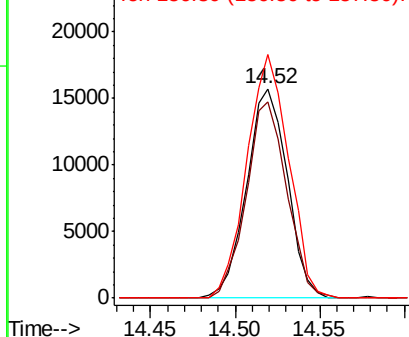
75 100

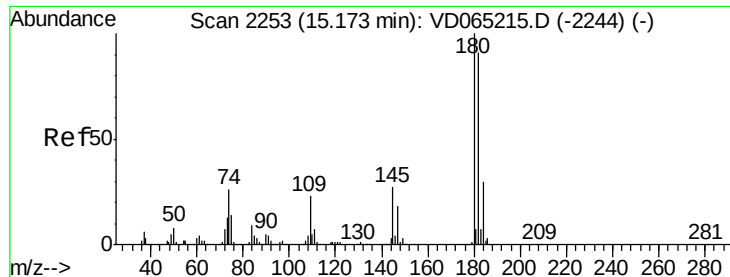
155 93.4 42.3 126.9

157 119.7 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

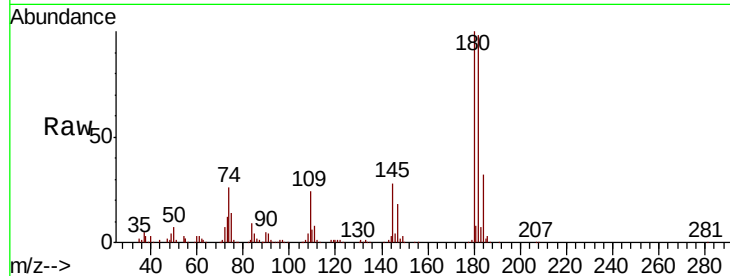




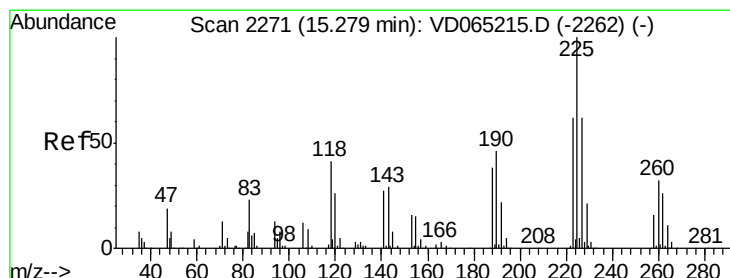
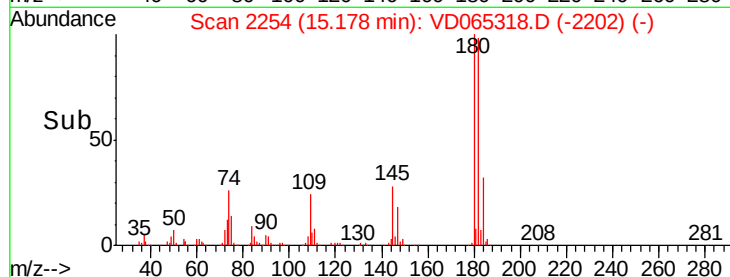
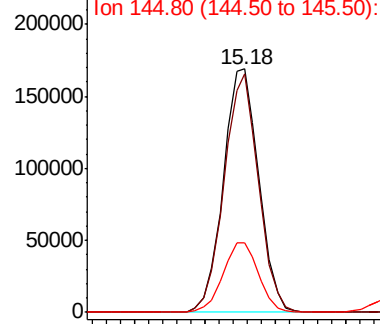
#93
 1,2,4-Trichlorobenzene
 Concen: 50.985 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:180 Resp: 297484
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.9 140.6
 145 28.5 13.9 41.7

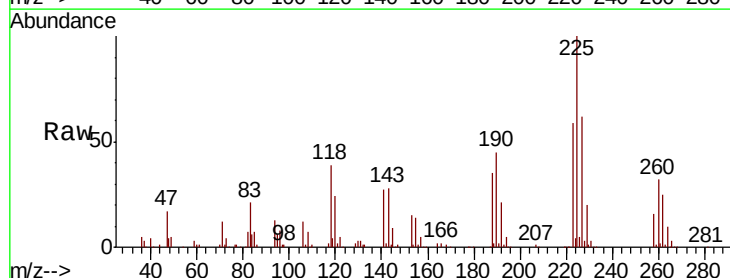


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

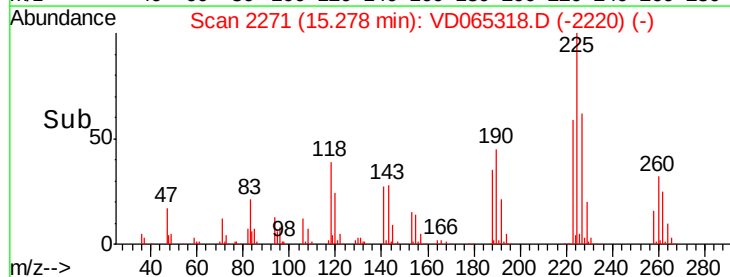
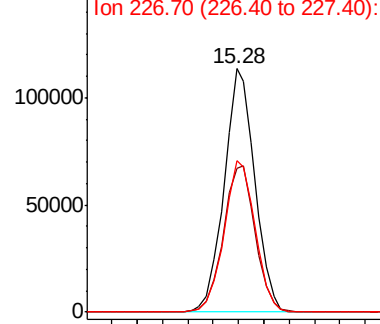


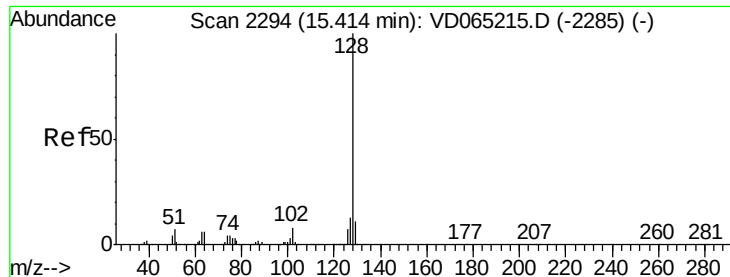
#94
 Hexachlorobutadiene
 Concen: 51.095 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065318.D
 Acq: 26 Feb 2020 10:17

Tgt Ion:225 Resp: 191241
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.2
 227 63.0 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: 50.893 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

Instrument :

MSVOA_D

ClientSampleId :

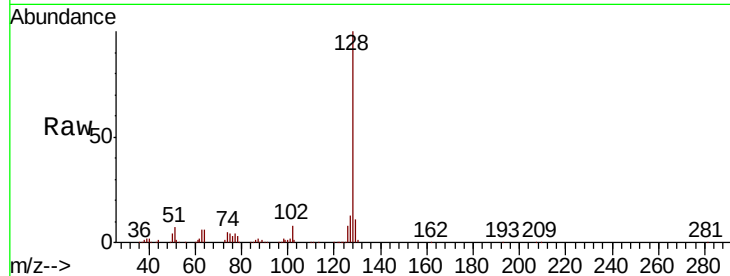
Tot Ion:128 Resp: 482736

Ion Ratio Lower Upper

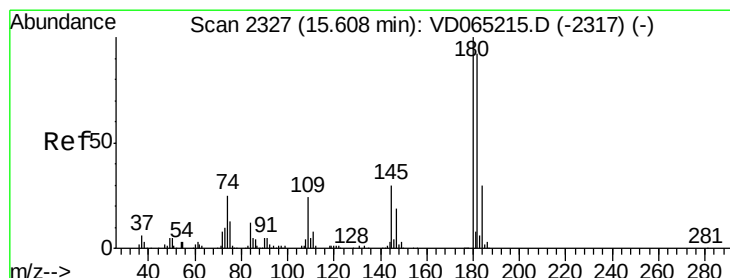
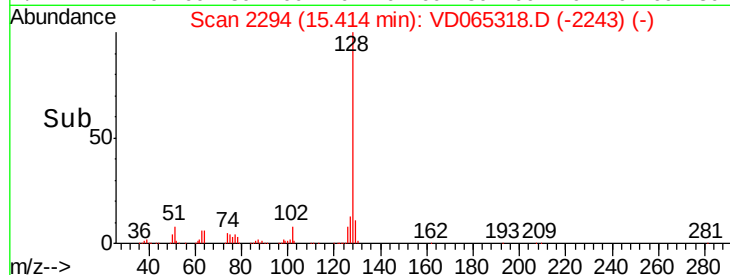
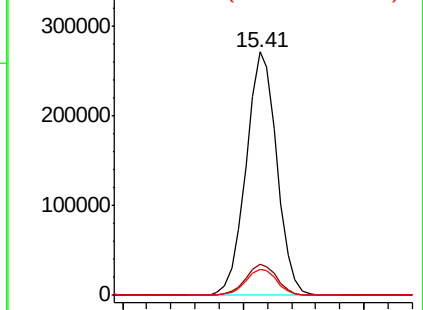
128 100

127 13.0 10.3 15.5

129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.420 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD065318.D

Acq: 26 Feb 2020 10:17

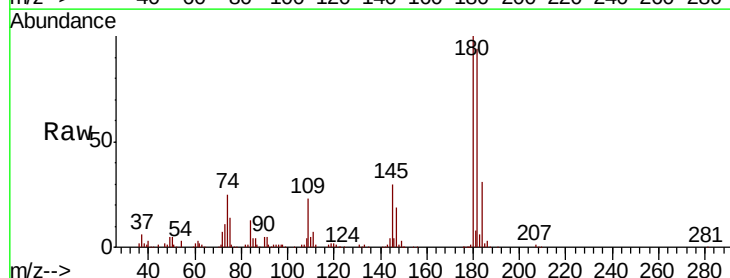
Tgt Ion:180 Resp: 256931

Ion Ratio Lower Upper

180 100

182 95.1 46.9 140.6

145 30.5 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

