

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065270.D
 Acq On : 21 Feb 2020 12:45
 Operator : VA/SY
 Sample : VD0221SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 22 02:22:14 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	479602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	719845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	649795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	321399	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	213587	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	7.92	113	220442	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.34	98	873353	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.64	95	275839	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	73533	18.280	ug/l	97
3) Chloromethane	2.21	50	99294	19.393	ug/l	97
4) Vinyl Chloride	2.35	62	99216	19.057	ug/l	98
5) Bromomethane	2.76	94	63157	20.063	ug/l	96
6) Chloroethane	2.92	64	61409	19.323	ug/l	97
7) Trichlorofluoromethane	3.27	101	146845	19.700	ug/l	97
8) Diethyl Ether	3.71	74	45349	20.155	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	93760	19.918	ug/l	99
10) Methyl Iodide	4.30	142	94918	19.421	ug/l	99
11) Tert butyl alcohol	5.26	59	23204	90.001	ug/l	99
12) 1,1-Dichloroethene	4.07	96	89755	20.185	ug/l	98
13) Acrolein	3.93	56	39552	108.707	ug/l	97
14) Allyl chloride	4.71	41	144183	19.967	ug/l	100
15) Acrylonitrile	5.43	53	99341	99.725	ug/l	99
16) Acetone	4.17	43	96308	91.314	ug/l	98
17) Carbon Disulfide	4.40	76	294816	19.776	ug/l	99
18) Methyl Acetate	4.73	43	47803	20.152	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	180516	19.467	ug/l	98
20) Methylene Chloride	4.97	84	116934	22.357	ug/l	94
21) trans-1,2-Dichloroethene	5.48	96	102411	20.259	ug/l	97
22) Diisopropyl ether	6.37	45	288679	20.738	ug/l	99
23) Vinyl Acetate	6.31	43	741162	96.578	ug/l	99
24) 1,1-Dichloroethane	6.27	63	175519	20.328	ug/l	95
25) 2-Butanone	7.22	43	124437	93.253	ug/l	93
26) 2,2-Dichloropropane	7.21	77	150216	20.052	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	108033	20.176	ug/l	99
28) Bromochloromethane	7.55	49	59578	18.599	ug/l	99
29) Tetrahydrofuran	7.57	42	76962	98.435	ug/l	98
30) Chloroform	7.71	83	178093	20.473	ug/l	96
31) Cyclohexane	7.98	56	165263	19.481	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	157587	20.248	ug/l	100
36) 1,1-Dichloropropene	8.11	75	139612	19.933	ug/l	99
37) Ethyl Acetate	7.30	43	56215	19.199	ug/l	97
38) Carbon Tetrachloride	8.10	117	141379	19.828	ug/l	99

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Quant Time: Feb 22 02:22:14 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)
39) Methylcyclohexane	9.36	83	163868	19.901	ug/l	98
40) Benzene	8.36	78	400115	20.239	ug/l	100
41) Methacrylonitrile	7.53	41	29654	17.540	ug/l	96
42) 1,2-Dichloroethane	8.43	62	108582	19.978	ug/l	100
43) Isopropyl Acetate	8.46	43	101935	19.144	ug/l	99
44) Trichloroethene	9.11	130	111562	20.358	ug/l	97
45) 1,2-Dichloropropane	9.39	63	98110	19.958	ug/l	97
46) Dibromomethane	9.48	93	51371	20.310	ug/l	99
47) Bromodichloromethane	9.67	83	133488	20.026	ug/l	99
48) Methyl methacrylate	9.46	41	51679	20.998	ug/l	97
49) 1,4-Dioxane	9.47	88	11921	401.849	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	263824	97.553	ug/l	100
52) Toluene	10.41	92	259833	21.233	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	121375	19.645	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	151582	20.317	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	71530	20.092	ug/l	94
56) Ethyl methacrylate	10.67	69	79238	19.284	ug/l	100
57) 1,3-Dichloropropane	10.95	76	123027	20.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	118933	91.806	ug/l	99
59) 2-Hexanone	10.99	43	182994	94.525	ug/l	97
60) Dibromochloromethane	11.14	129	91110	19.995	ug/l	99
61) 1,2-Dibromoethane	11.25	107	68669	20.372	ug/l	97
64) Tetrachloroethene	10.88	164	95322	20.684	ug/l	95
65) Chlorobenzene	11.67	112	268262	20.573	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	96982	19.930	ug/l	98
67) Ethyl Benzene	11.75	91	468084	20.496	ug/l	98
68) m/p-Xylenes	11.86	106	368013	42.119	ug/l	100
69) o-Xylene	12.18	106	161494	20.862	ug/l	99
70) Styrene	12.20	104	286624	20.855	ug/l	100
71) Bromoform	12.37	173	53640	19.865	ug/l #	98
73) Isopropylbenzene	12.48	105	437103	20.542	ug/l	99
74) N-amyl acetate	12.30	43	88201	18.655	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	76858	20.014	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	100812	36.866	ug/l #	100
77) Bromobenzene	12.77	156	108711	20.575	ug/l	99
78) n-propylbenzene	12.83	91	541441	21.175	ug/l	99
79) 2-Chlorotoluene	12.91	91	292498	20.419	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	364504	20.799	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	23935	18.899	ug/l	95
82) 4-Chlorotoluene	13.01	91	316126	20.787	ug/l	100
83) tert-Butylbenzene	13.23	119	299375	20.382	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	369836	21.084	ug/l	99
85) sec-Butylbenzene	13.41	105	436043	20.602	ug/l	100
86) p-Isopropyltoluene	13.53	119	410167	21.191	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	206560	20.222	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	206065	20.440	ug/l	99
89) n-Butylbenzene	13.86	91	368740	20.674	ug/l	99
90) Hexachloroethane	14.12	117	79669	20.272	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	181621	20.708	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	11305	19.103	ug/l	96

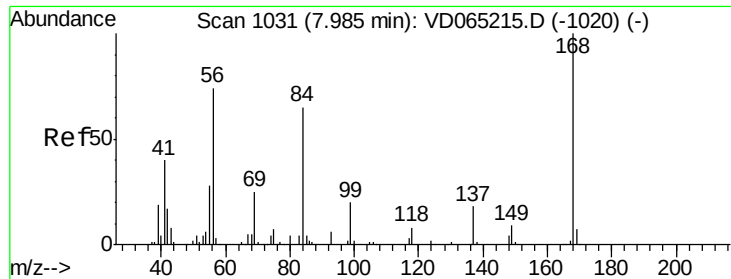
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022120\
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	119668	20.859	ug/l	100
94) Hexachlorobutadiene	15.28	225	75437	20.498	ug/l	99
95) Naphthalene	15.41	128	183711	19.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	105078	20.972	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

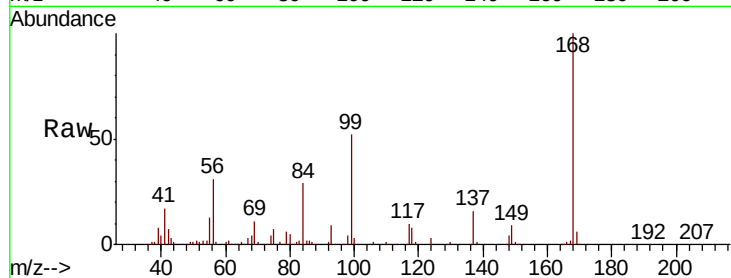
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 479602

Ion Ratio Lower Upper

168 100

99 51.5 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

100000

50000

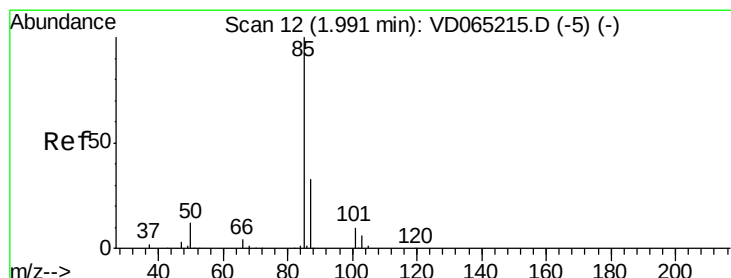
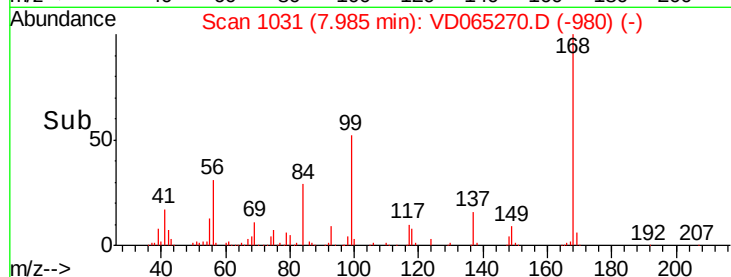
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.280 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065270.D

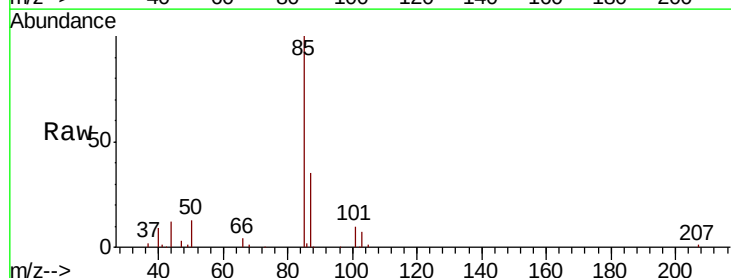
Acq: 21 Feb 2020 12:45

Tgt Ion: 85 Resp: 73533

Ion Ratio Lower Upper

85 100

87 34.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

50000

40000

30000

20000

10000

0

1.90

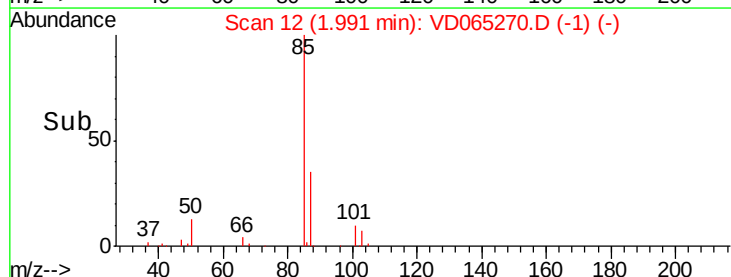
1.95

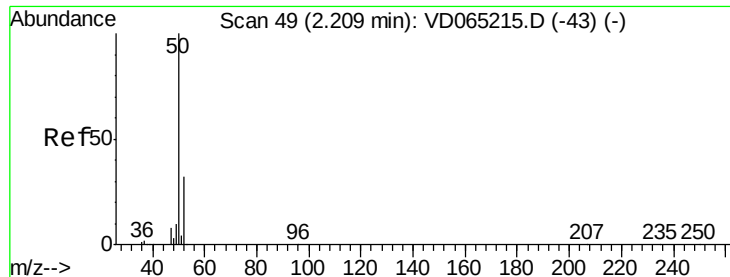
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 19.393 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

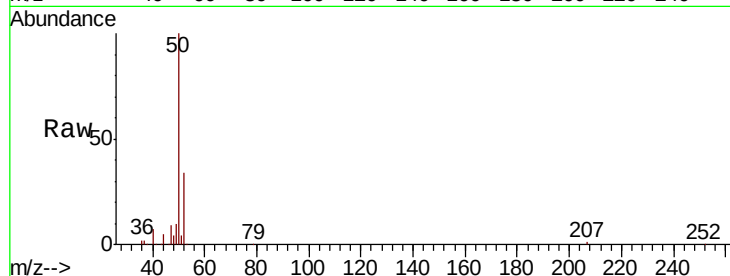
ClientSampleId :

Tot Ion: 50 Resp: 99294

Ion Ratio Lower Upper

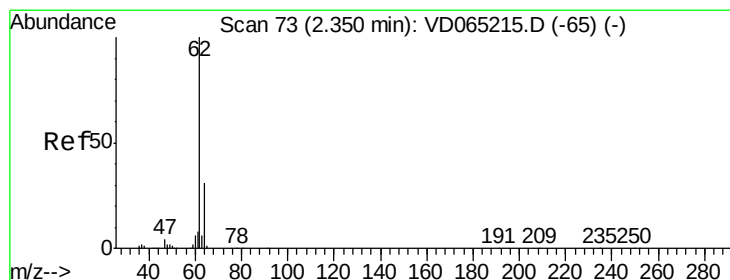
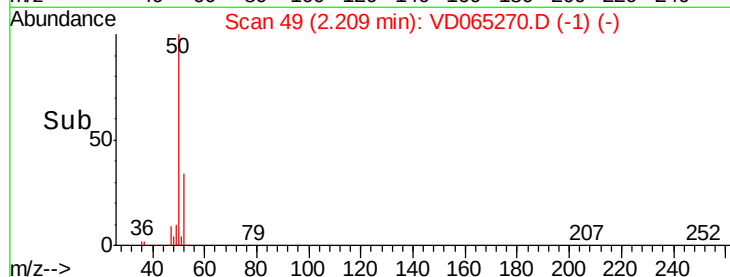
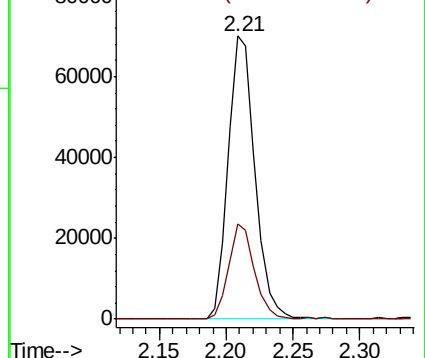
50 100

52 33.7 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: 19.057 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065270.D

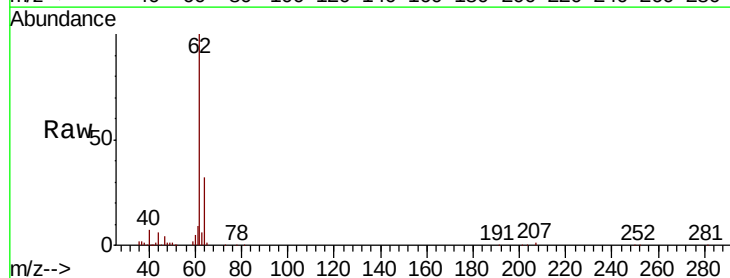
Acq: 21 Feb 2020 12:45

Tgt Ion: 62 Resp: 99216

Ion Ratio Lower Upper

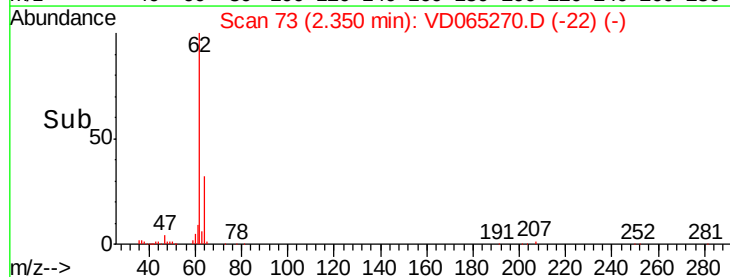
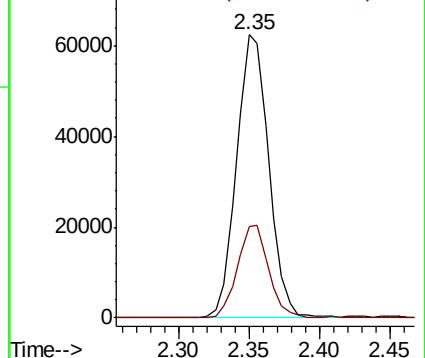
62 100

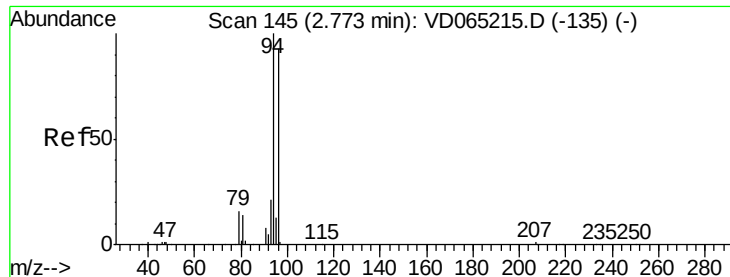
64 32.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.063 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

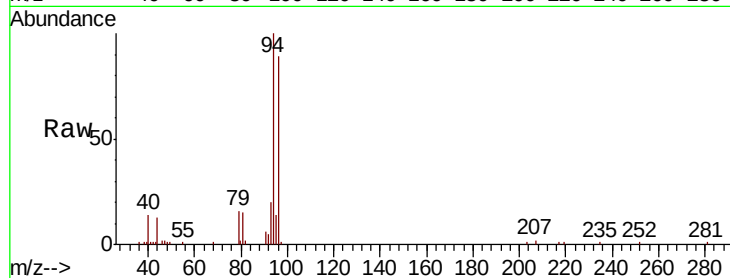
ClientSampleId :

Tot Ion: 94 Resp: 63157

Ion Ratio Lower Upper

94 100

96 89.3 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

30000

25000

20000

15000

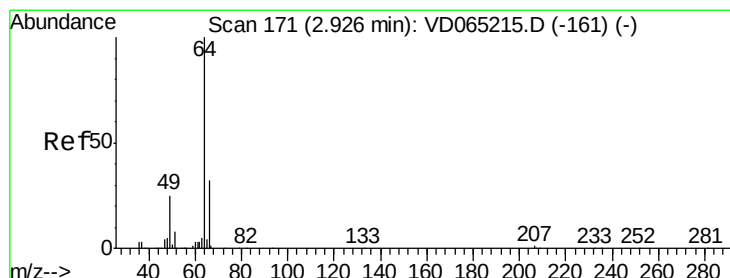
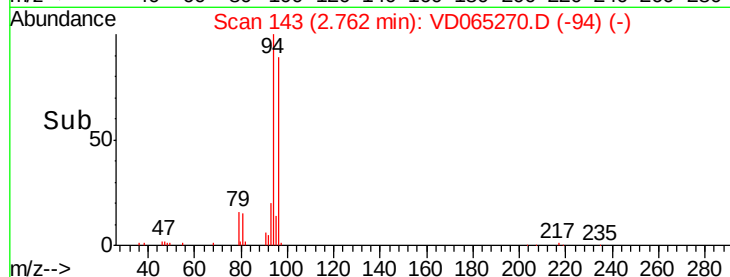
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 19.323 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065270.D

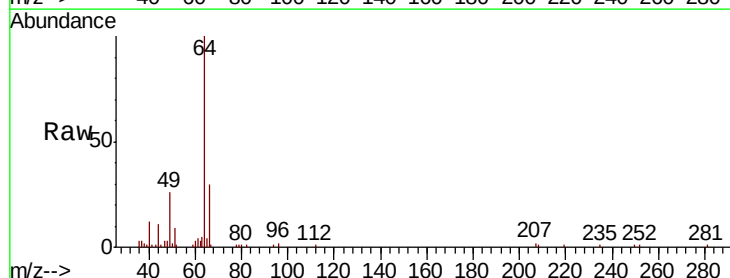
Acq: 21 Feb 2020 12:45

Tgt Ion: 64 Resp: 61409

Ion Ratio Lower Upper

64 100

66 30.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

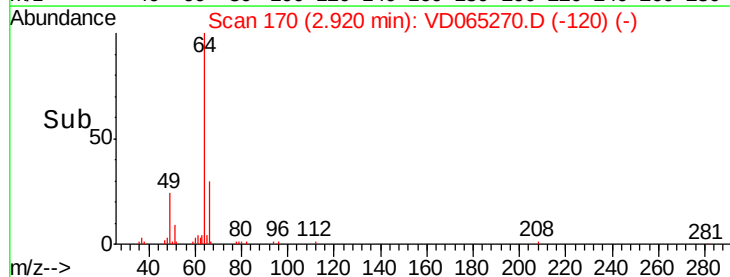
20000

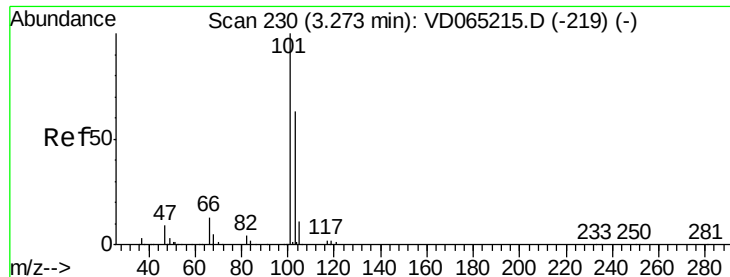
10000

0

Time-->

2.80 2.90 3.00



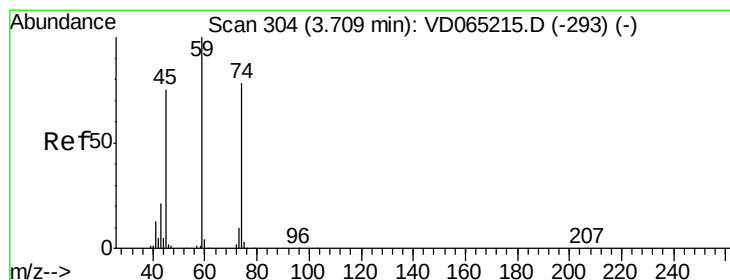
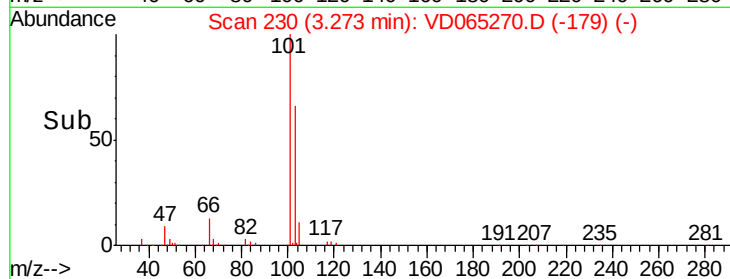
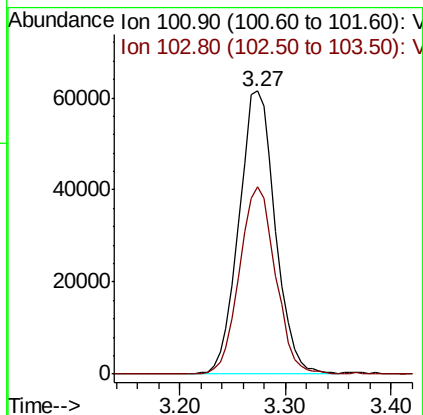
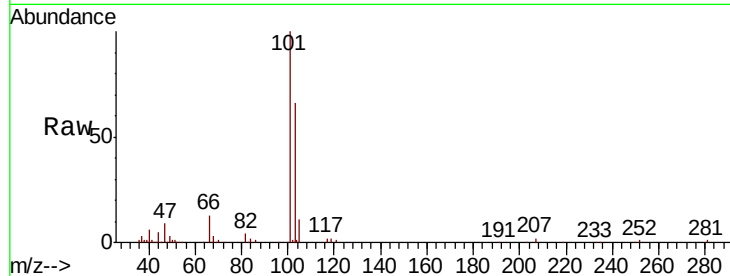


#7

Trichlorofluoromethane
 Concen: 19.700 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Instrument :
 MSVOA_D
 ClientSampleId :

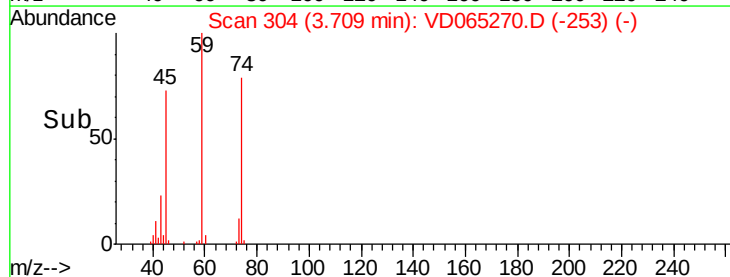
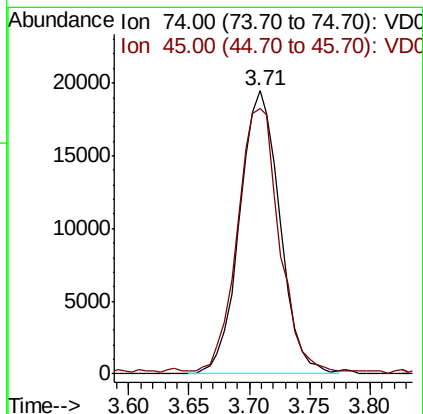
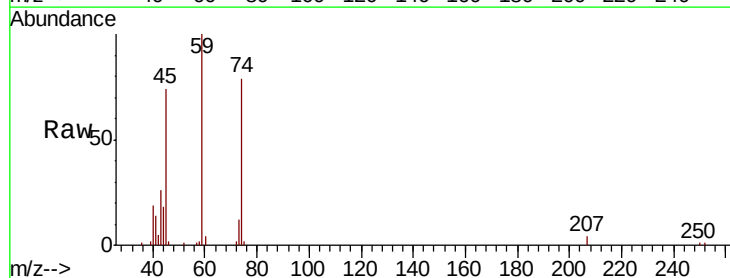
Tot Ion:101 Resp: 146845
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.7 76.1

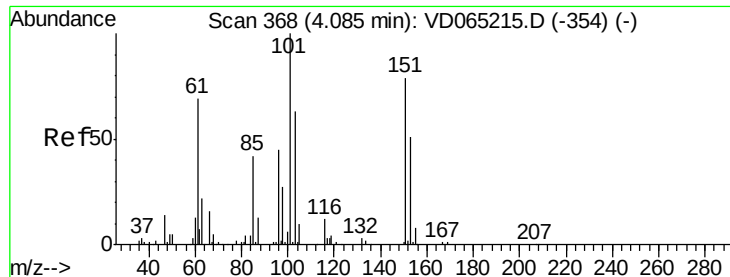


#8

Diethyl Ether
 Concen: 20.155 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion: 74 Resp: 45349
 Ion Ratio Lower Upper
 74 100
 45 99.5 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.918 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

ClientSampleId :

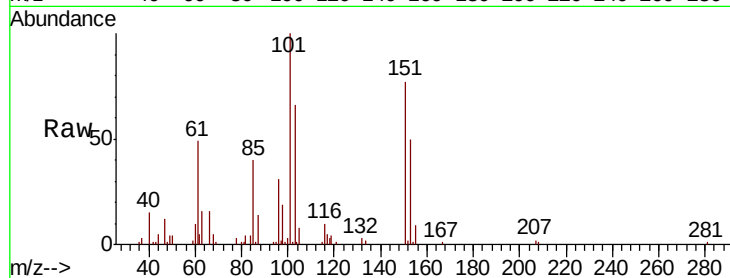
Tot Ion:101 Resp: 93760

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.2

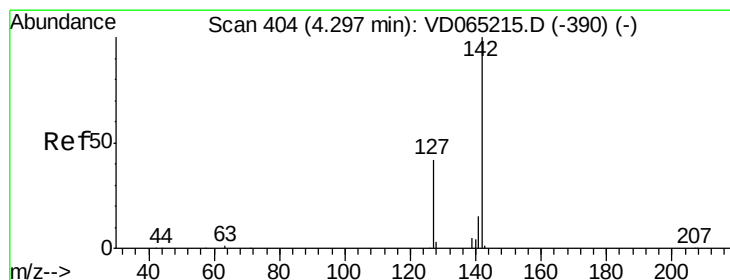
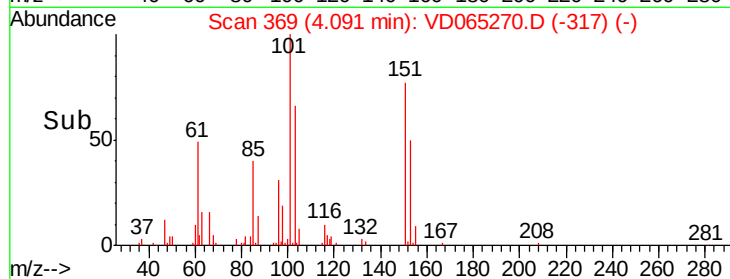
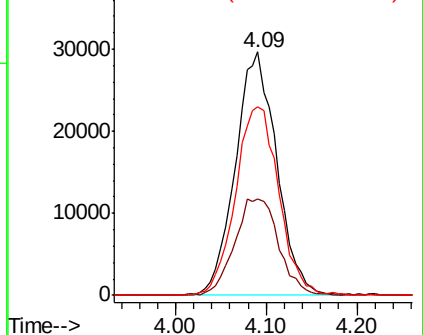
151 81.0 63.5 95.3



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: 19.421 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

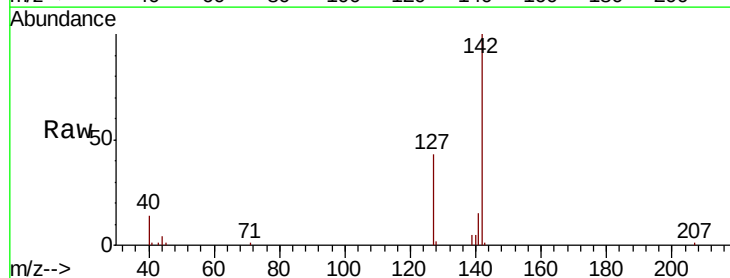
Tgt Ion:142 Resp: 94918

Ion Ratio Lower Upper

142 100

127 43.3 33.8 50.8

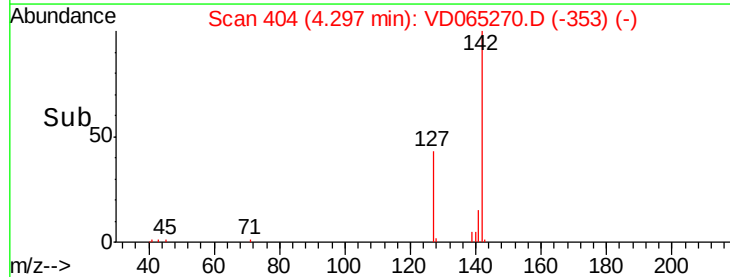
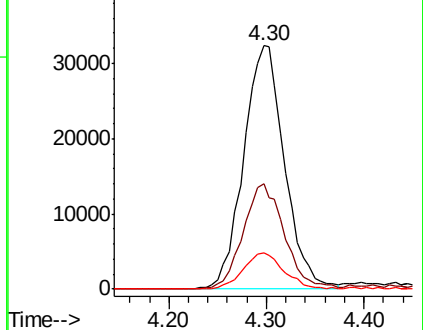
141 14.8 11.7 17.5

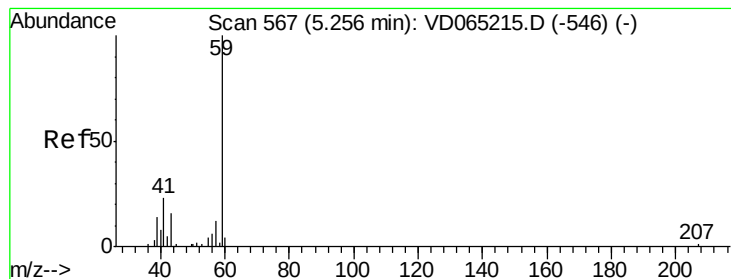


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



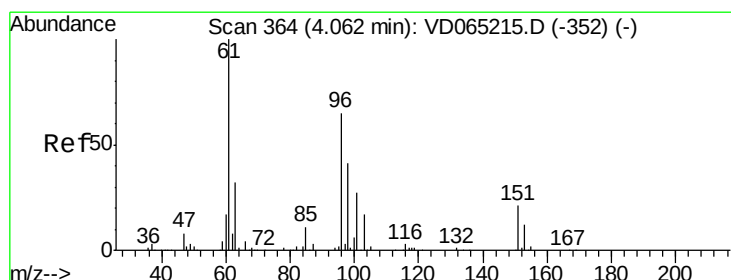
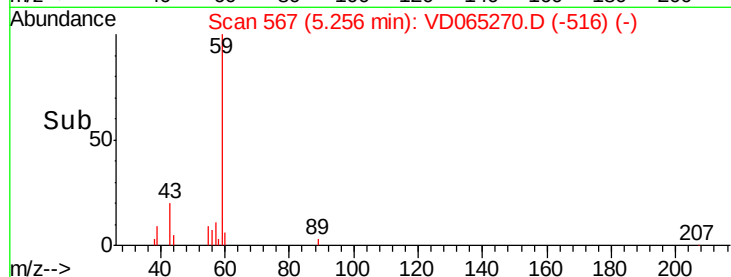
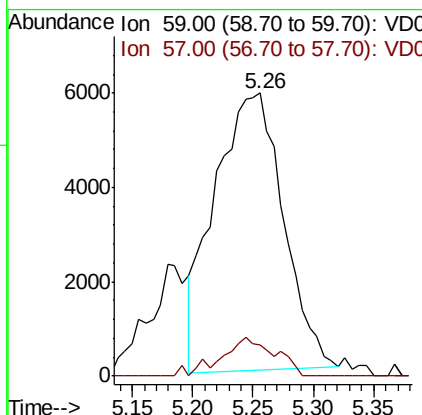
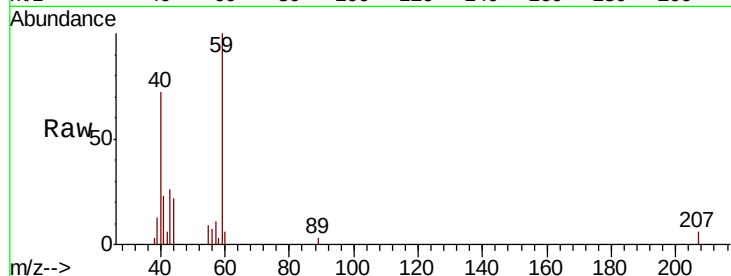


#11

Tert butyl alcohol
Concen: 90.001 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Instrument :
MSVOA_D
ClientSampleId :

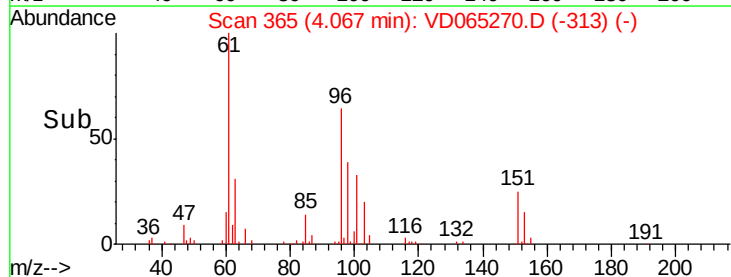
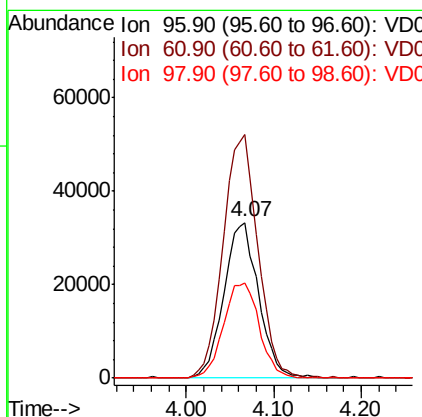
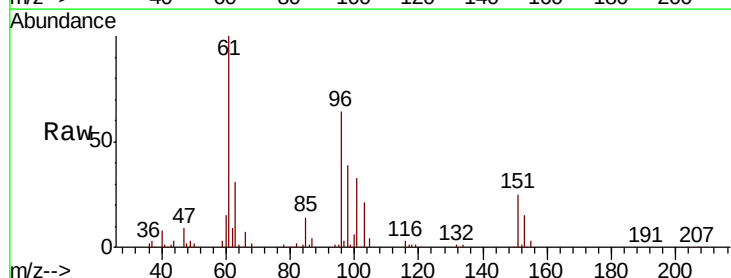
Tot Ion: 59 Resp: 23204
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

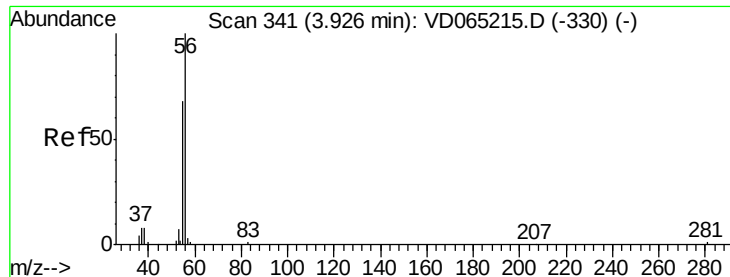


#12

1,1-Dichloroethene
Concen: 20.185 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion: 96 Resp: 89755
Ion Ratio Lower Upper
96 100
61 156.2 123.3 184.9
98 61.4 51.0 76.4





#13

Acrolein

Concen: 108.707 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

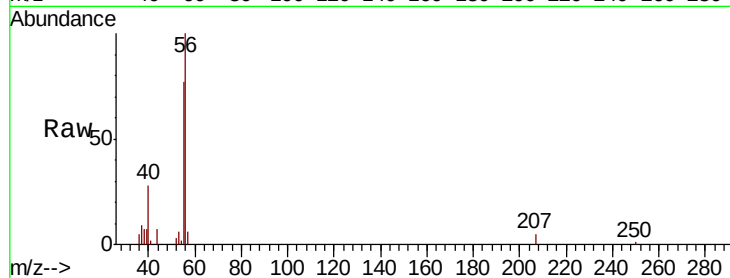
ClientSampleId :

Tot Ion: 56 Resp: 39552

Ion Ratio Lower Upper

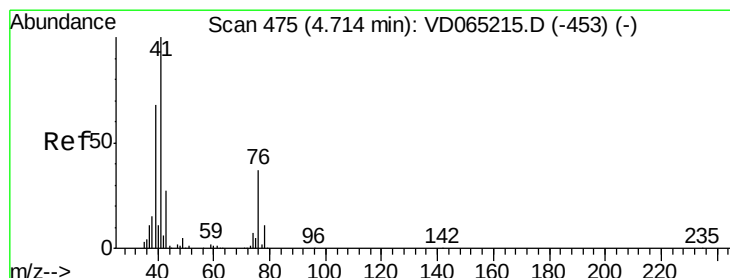
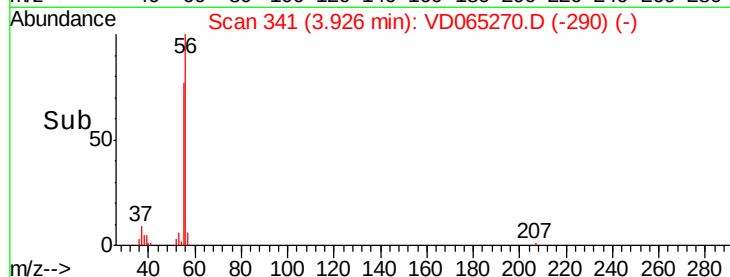
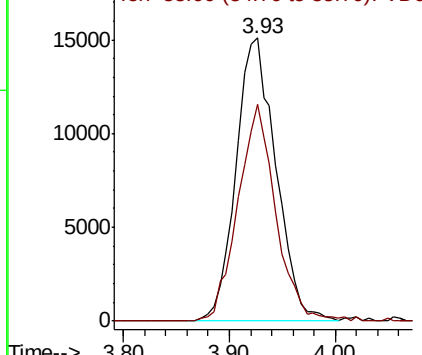
56 100

55 72.9 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: 19.967 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

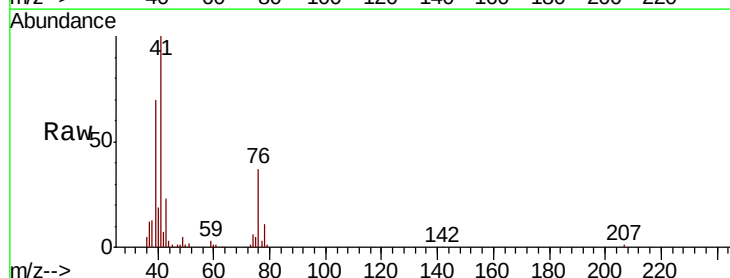
Tgt Ion: 41 Resp: 144183

Ion Ratio Lower Upper

41 100

39 67.4 53.8 80.6

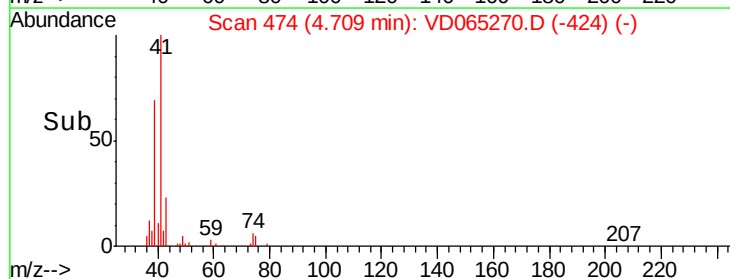
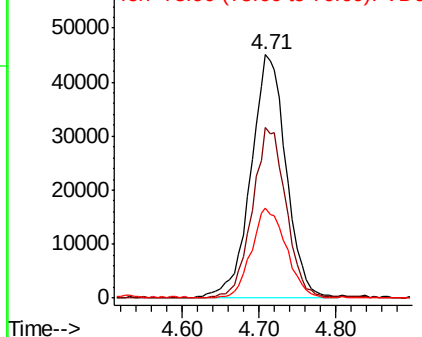
76 36.3 28.7 43.1

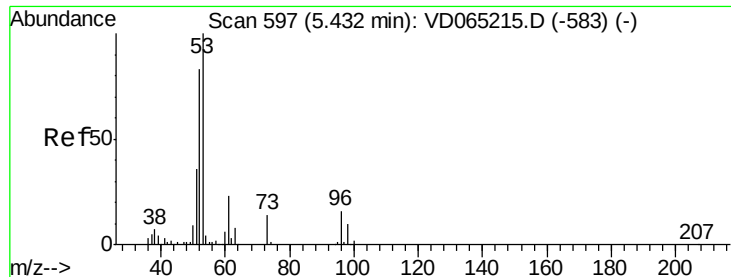


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 99.725 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

ClientSampled :

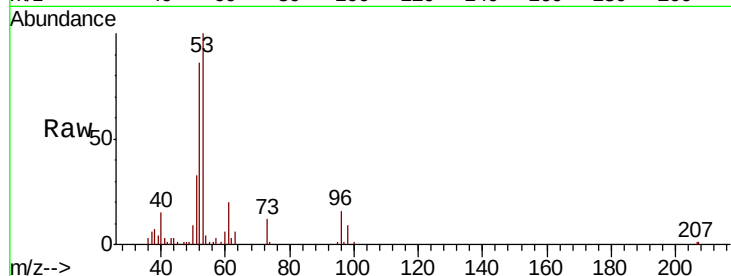
Tot Ion: 53 Resp: 99341

Ion Ratio Lower Upper

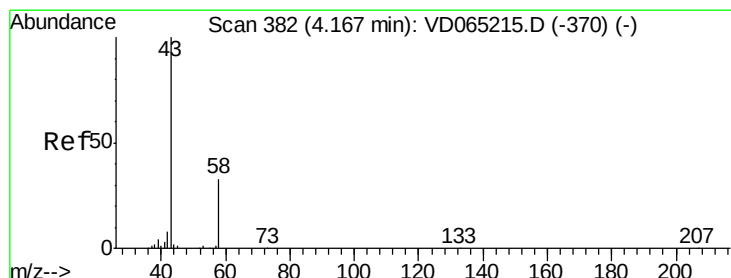
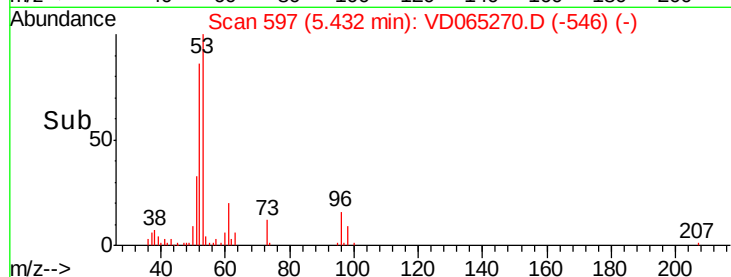
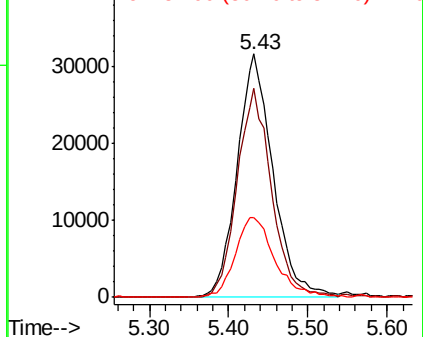
53 100

52 82.1 65.4 98.2

51 36.1 29.5 44.3



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



#16

Acetone

Concen: 91.314 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065270.D

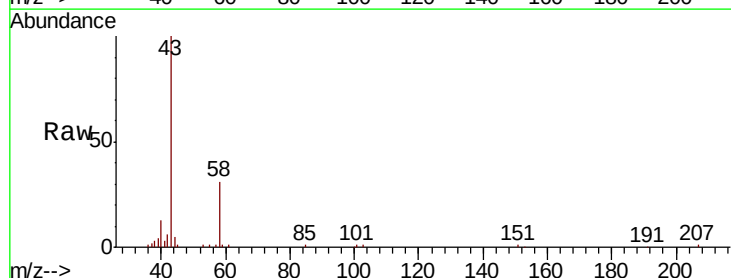
Acq: 21 Feb 2020 12:45

Tgt Ion: 43 Resp: 96308

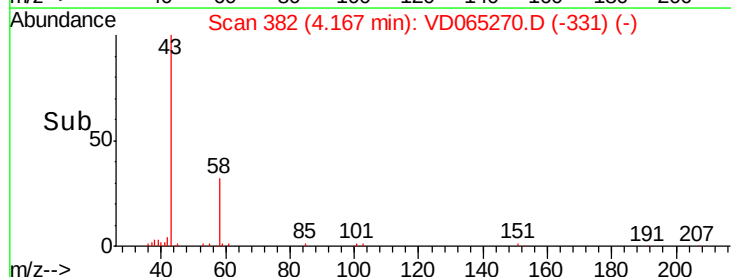
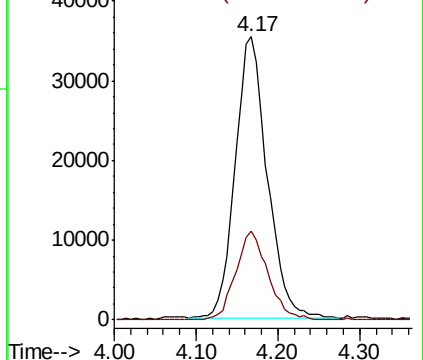
Ion Ratio Lower Upper

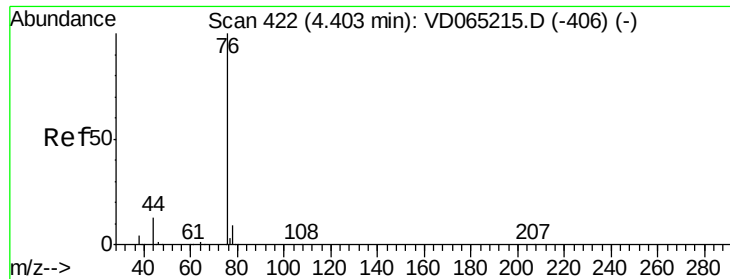
43 100

58 31.6 26.2 39.2



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

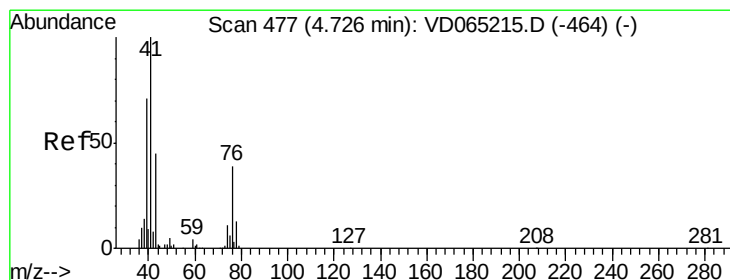
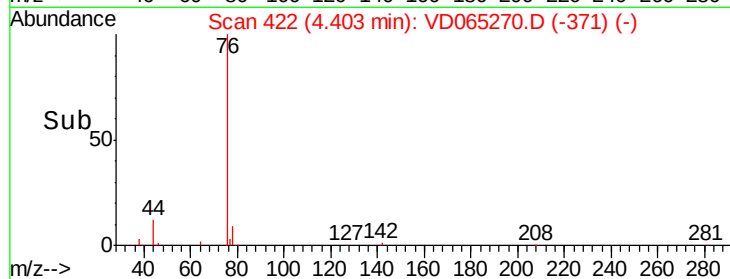
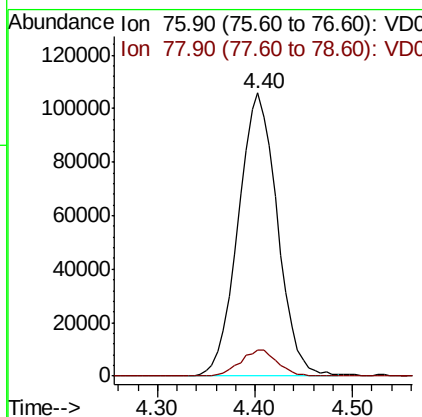
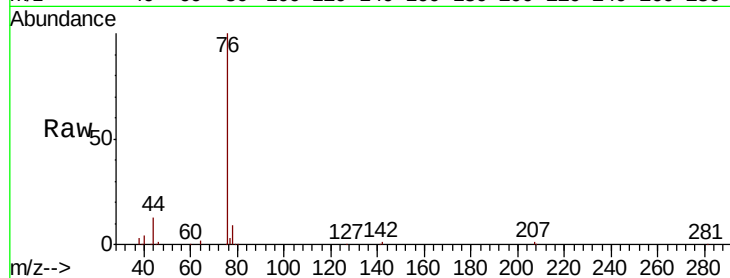




#17
Carbon Disulfide
Concen: 19.776 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

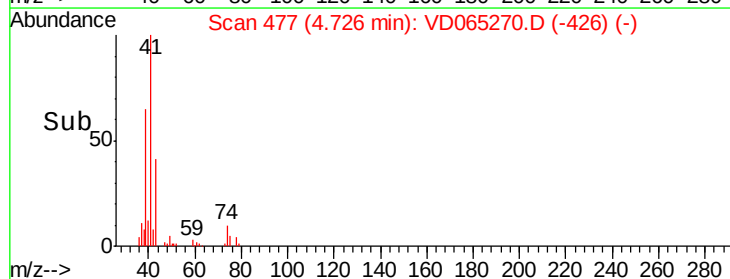
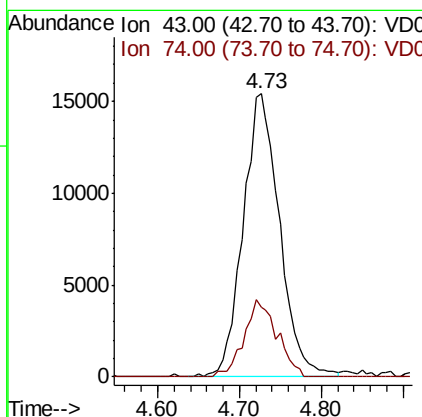
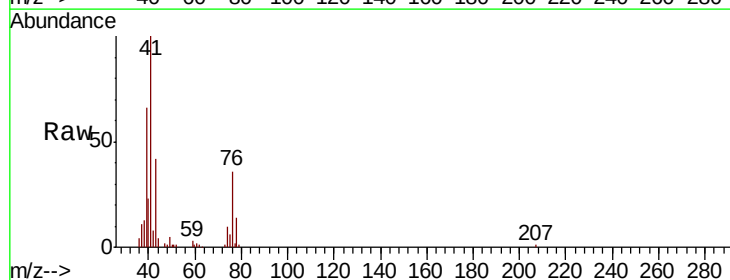
Instrument :
MSVOA_D
ClientSampleId :

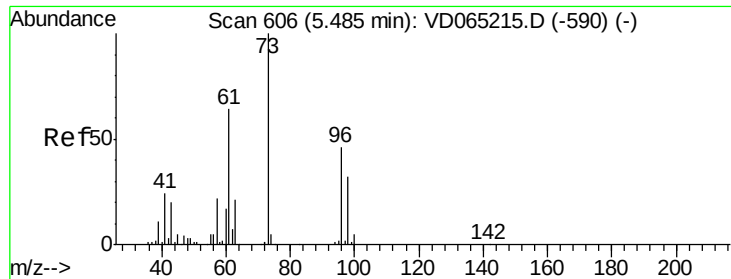
Tot Ion: 76 Resp: 294816
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 20.152 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion: 43 Resp: 47803
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2

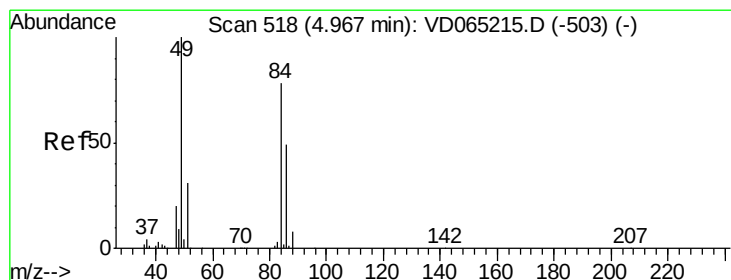
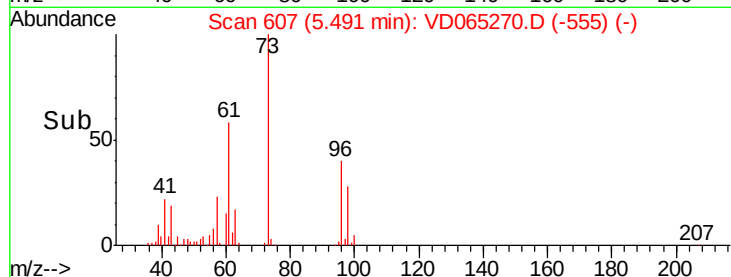
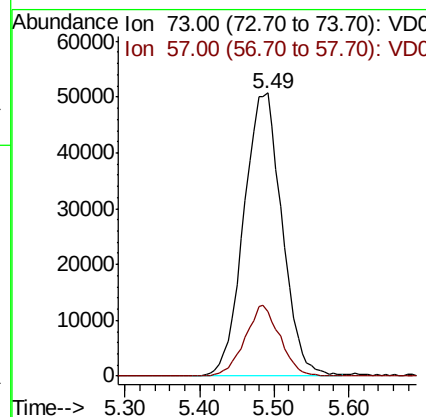
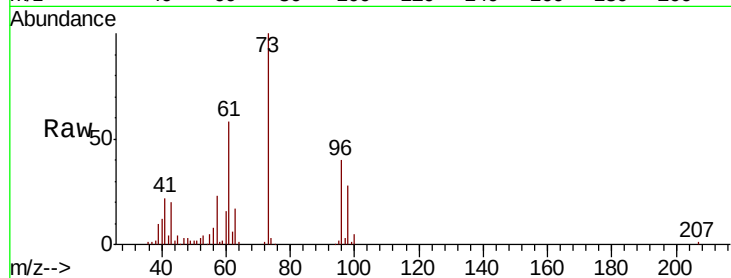




#19
Methyl tert-butyl Ether
Concen: 19.467 ug/l
RT: 5.49 min Scan# 607
Delta R.T. 0.01 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

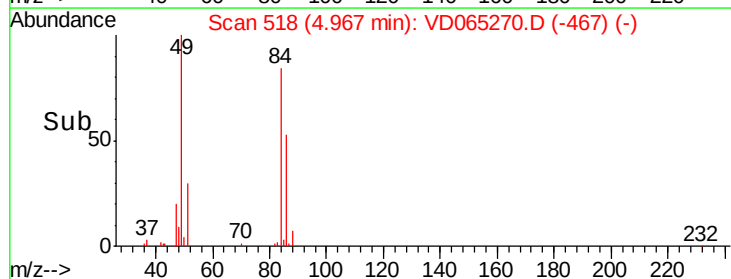
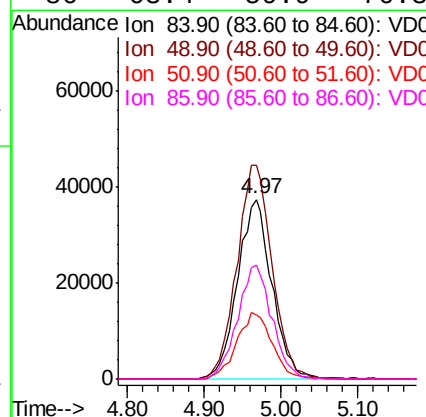
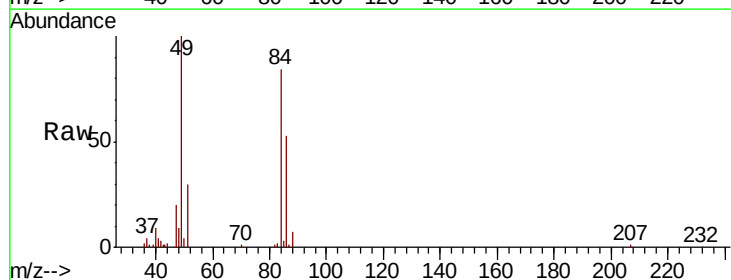
Instrument :
MSVOA_D
ClientSampleID :

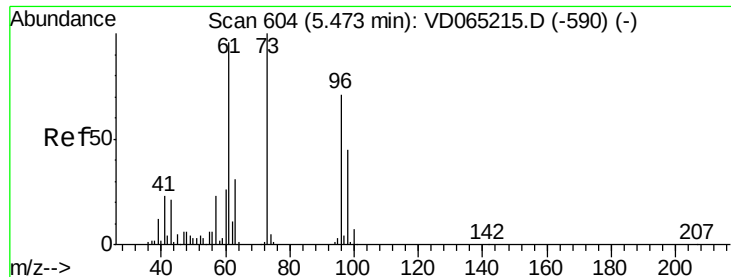
Tot Ion: 73 Resp: 180516
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 22.357 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion: 84 Resp: 116934
Ion Ratio Lower Upper
84 100
49 118.9 103.1 154.7
51 35.9 31.7 47.5
86 63.4 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 20.259 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :
MSVOA_D
ClientSampled :

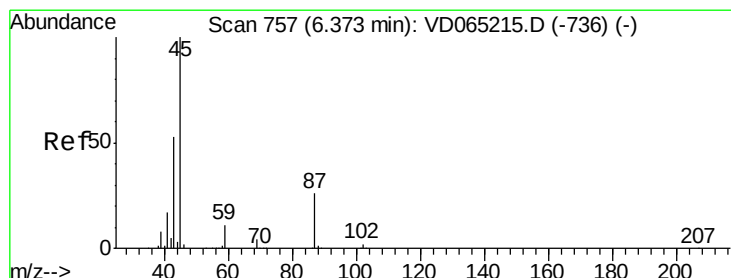
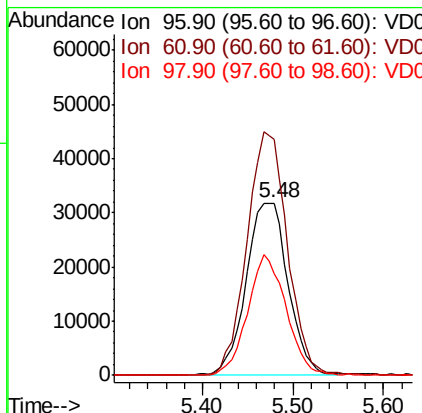
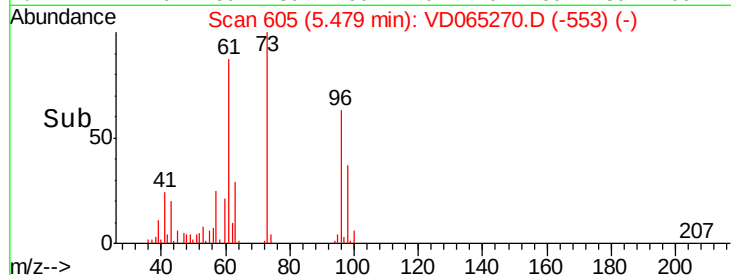
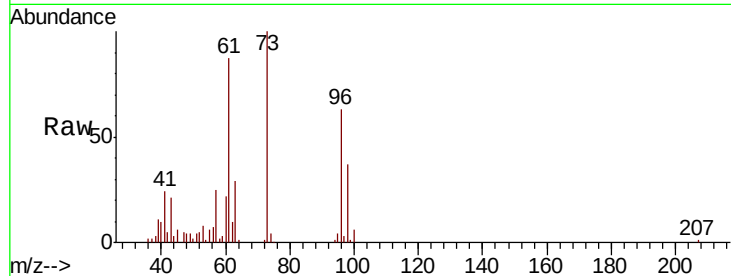
Tot Ion: 96 Resp: 102411

Ion Ratio Lower Upper

96 100

61 136.7 108.3 162.5

98 58.8 50.7 76.1



#22

Diisopropyl ether

Concen: 20.738 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Tgt Ion: 45 Resp: 288679

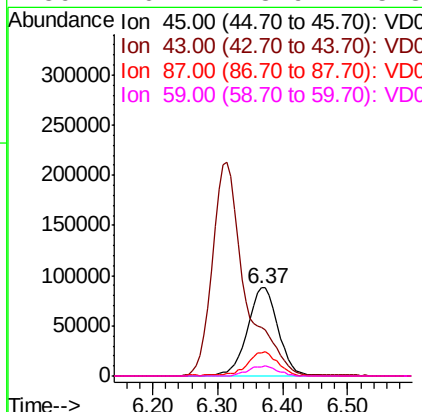
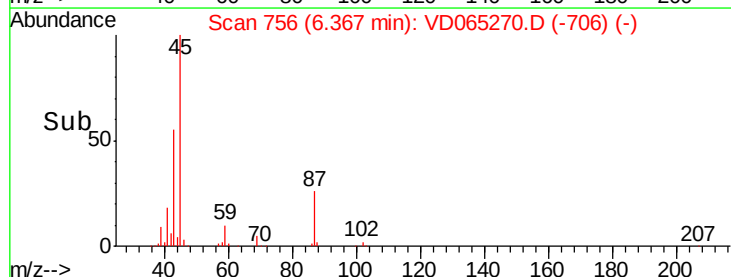
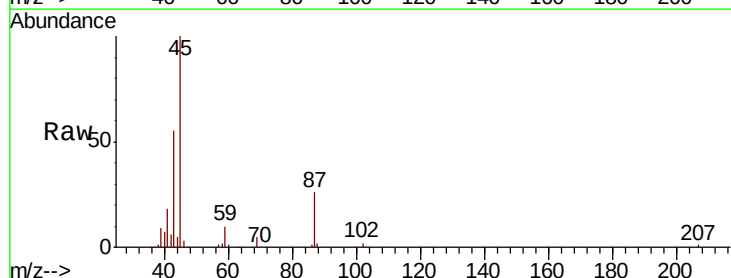
Ion Ratio Lower Upper

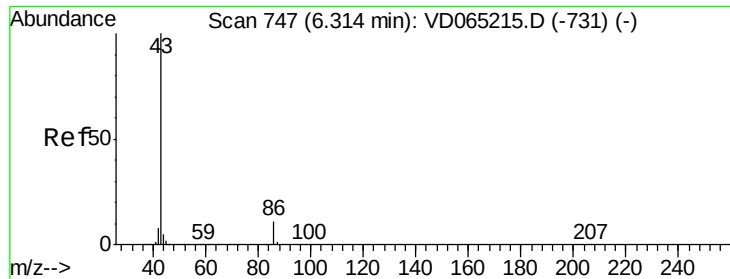
45 100

43 53.6 42.6 64.0

87 25.6 21.2 31.8

59 10.1 8.9 13.3

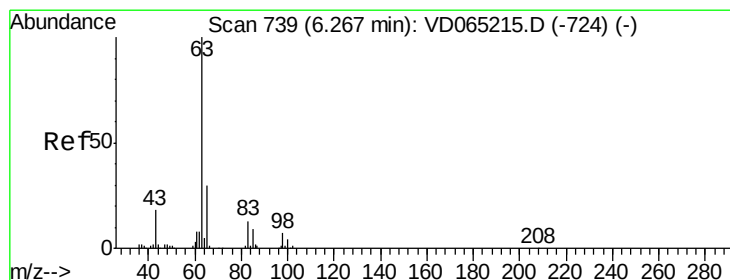
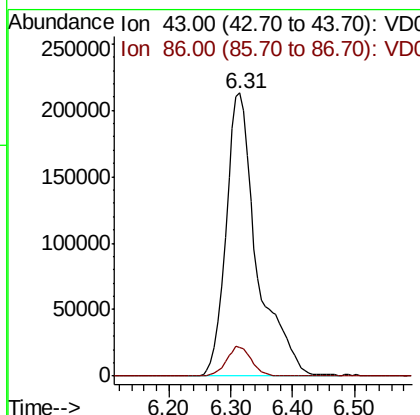
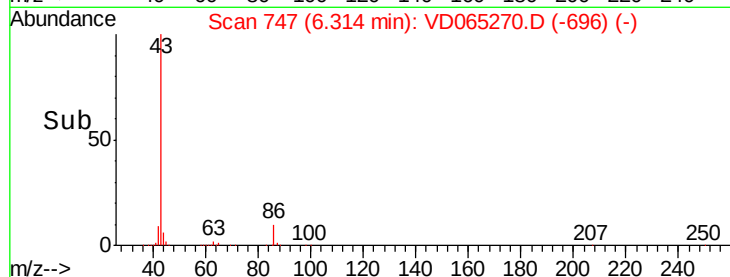
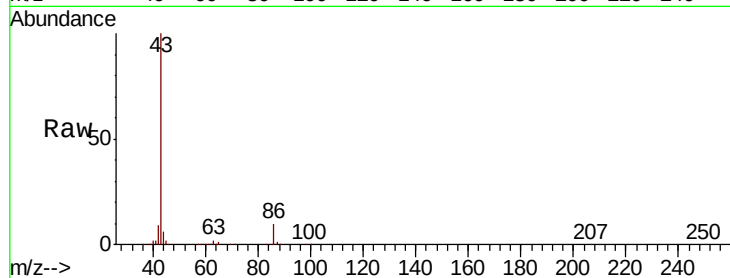




#23
 Vinyl Acetate
 Concen: 96.578 ug/l
 RT: 6.31 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

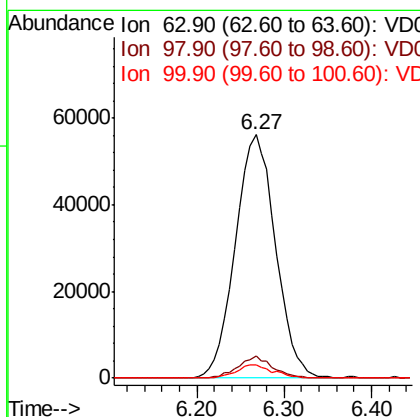
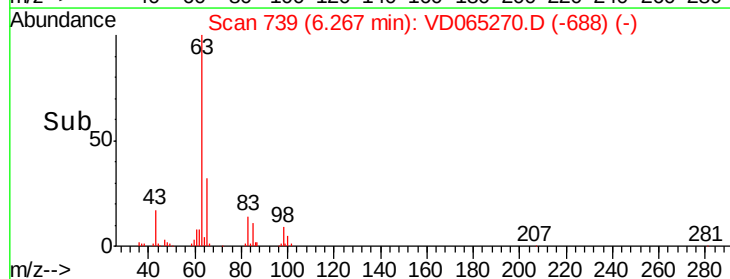
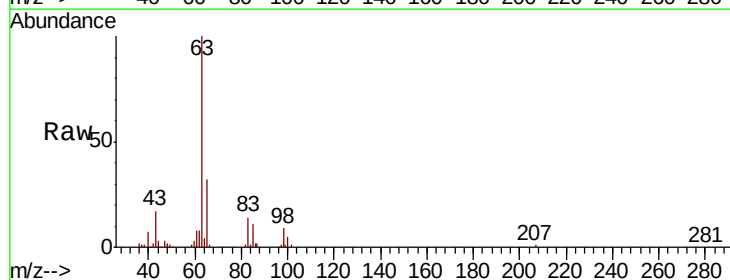
Instrument :
 MSVOA_D
 ClientSampleId :

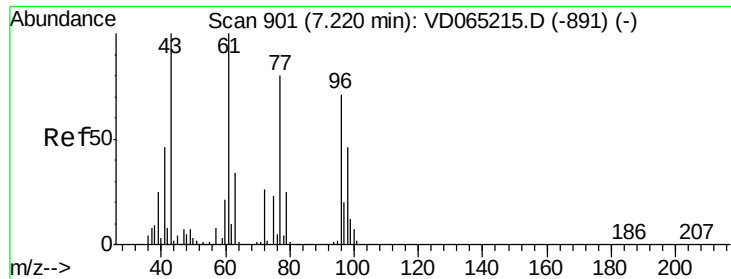
Tot Ion: 43 Resp: 741162
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.328 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion: 63 Resp: 175519
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.4 10.1
 100 5.2 2.3 6.8





#25

2-Butanone

Concen: 93.253 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

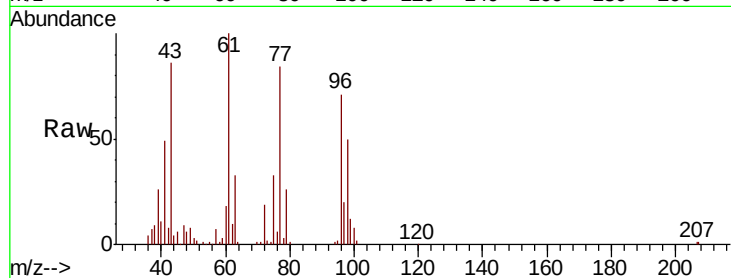
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 124437

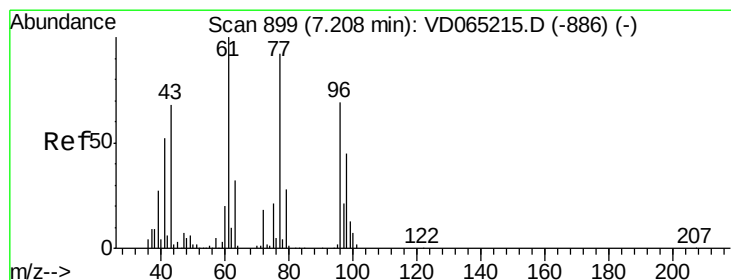
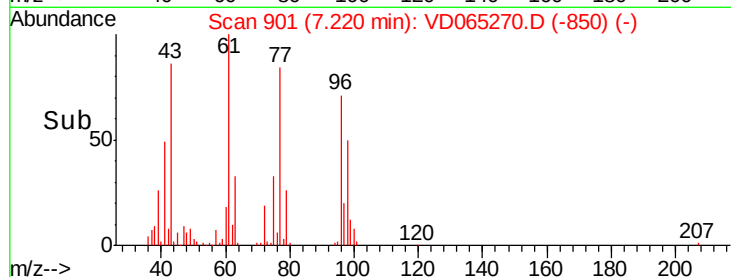
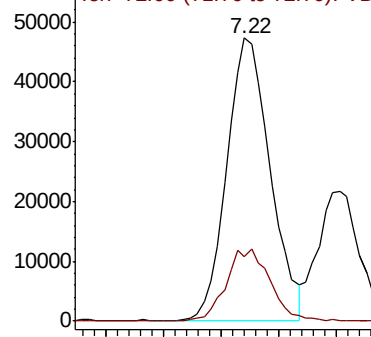
Ion Ratio Lower Upper

43 100

72 22.6 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: 20.052 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065270.D

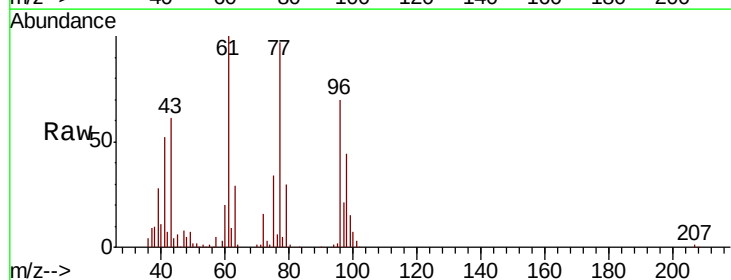
Acq: 21 Feb 2020 12:45

Tgt Ion: 77 Resp: 150216

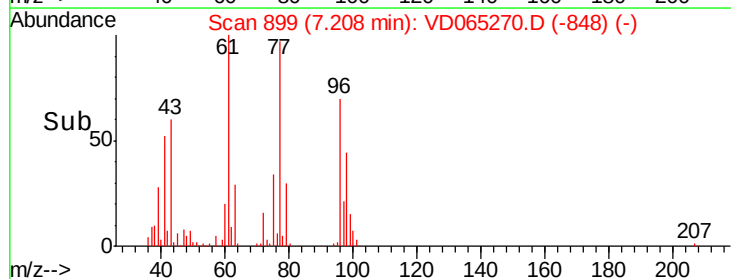
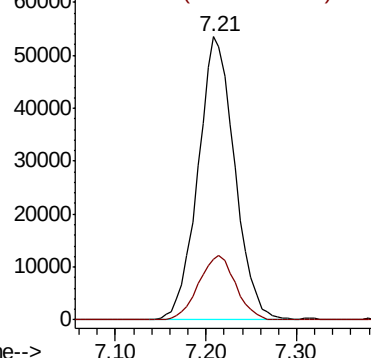
Ion Ratio Lower Upper

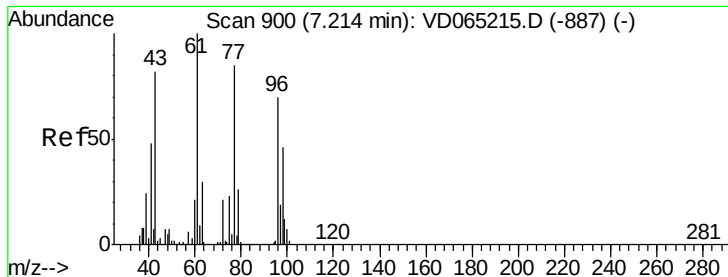
77 100

97 23.1 11.7 35.1



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



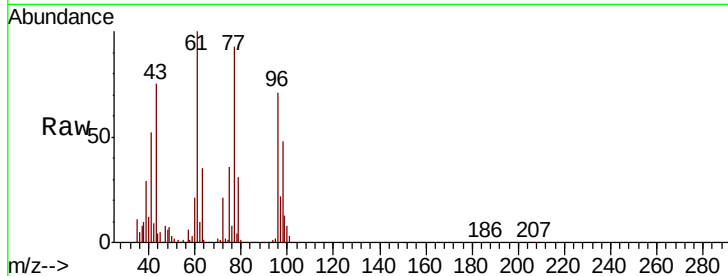


#27

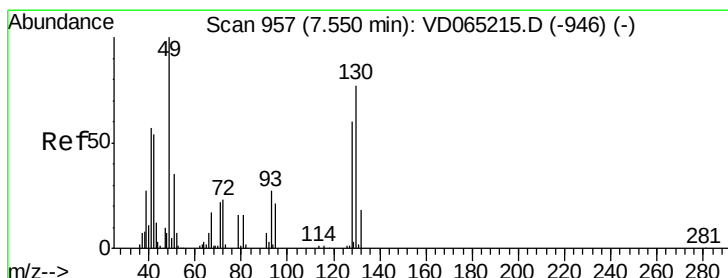
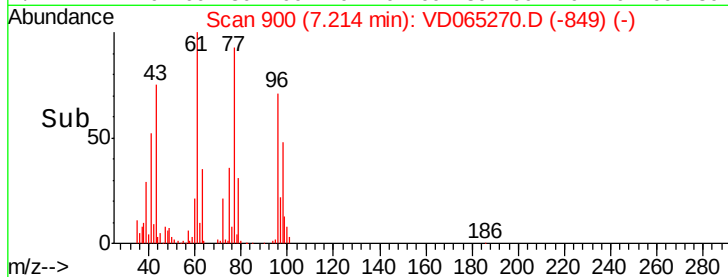
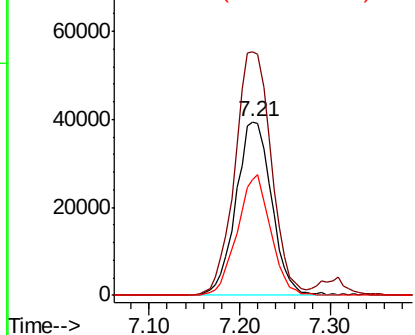
cis-1,2-Dichloroethene
Concen: 20.176 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	96	Resp	108033
Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	286.0
98	64.8	0.0	127.8



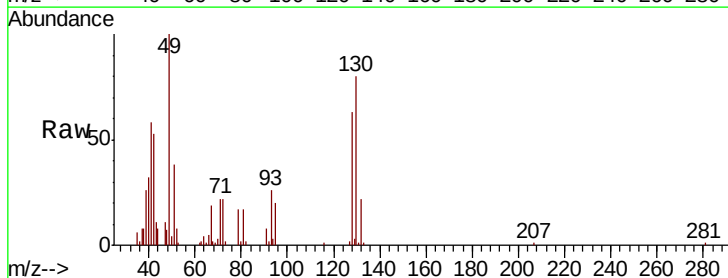
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



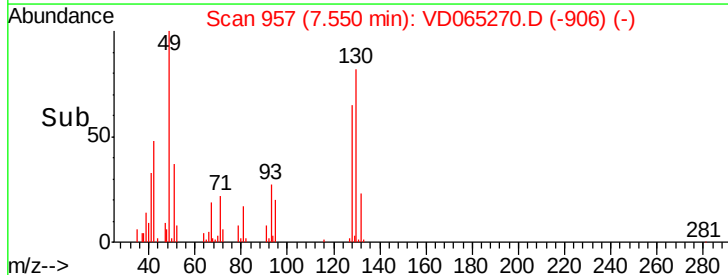
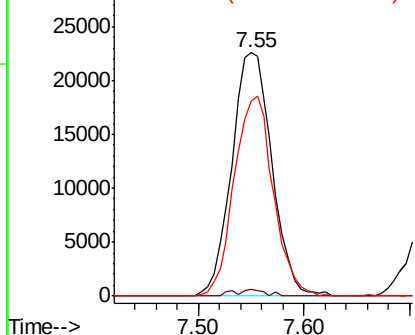
#28

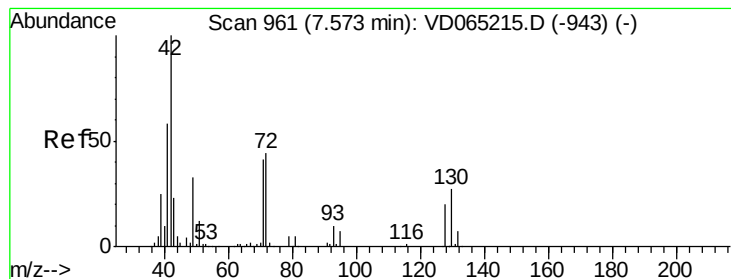
Bromochloromethane
Concen: 18.599 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion	49	Resp	59578
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.6
130	79.6	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: 98.435 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :
MSVOA_D
ClientSampleId :

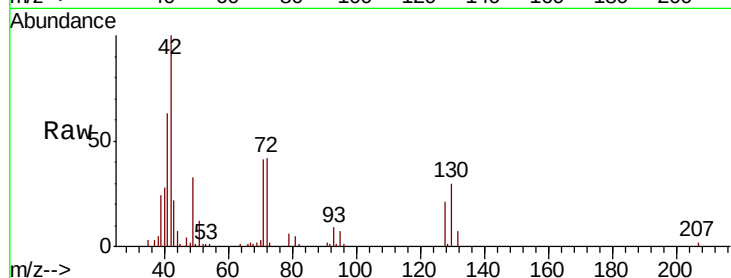
Tot Ion: 42 Resp: 76962

Ion Ratio Lower Upper

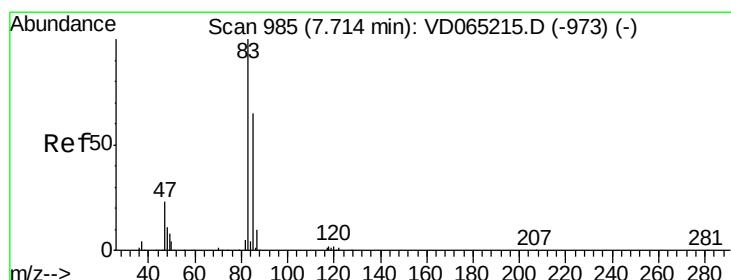
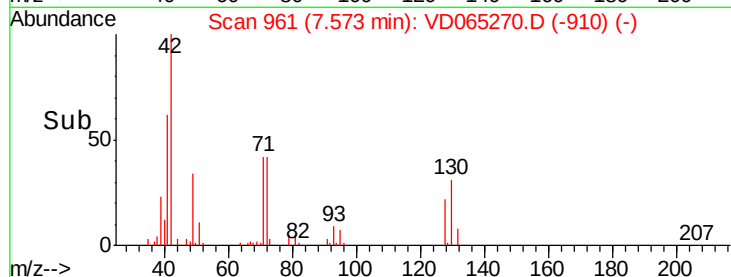
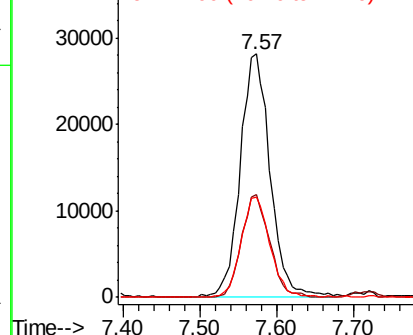
42 100

72 39.6 33.7 50.5

71 39.6 31.4 47.2



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



#30

Chloroform

Concen: 20.473 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD065270.D

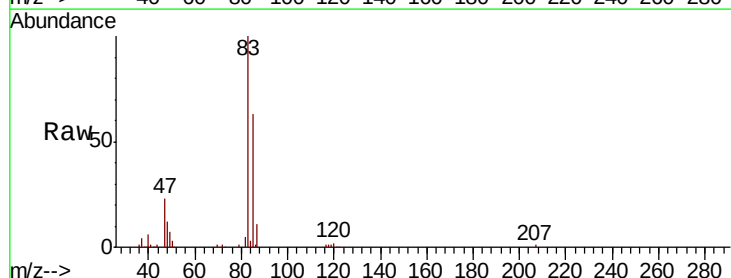
Acq: 21 Feb 2020 12:45

Tgt Ion: 83 Resp: 178093

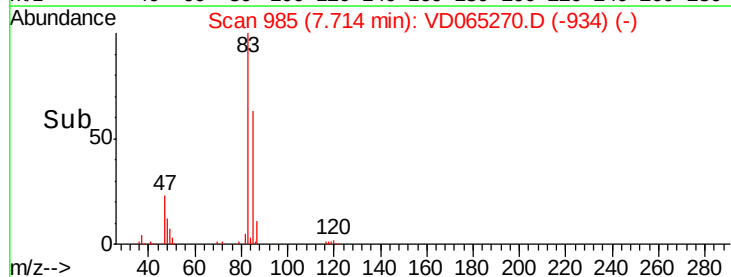
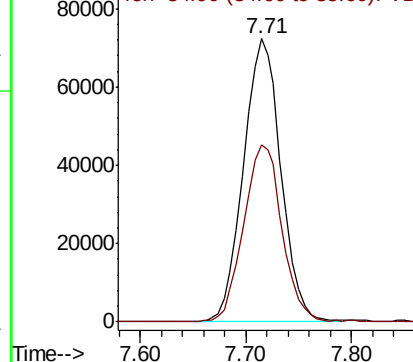
Ion Ratio Lower Upper

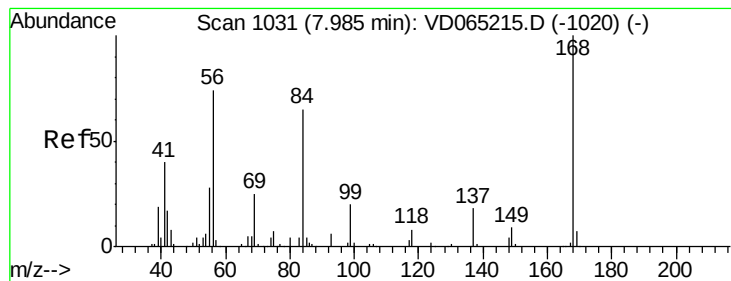
83 100

85 62.6 52.3 78.5



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





#31

Cyclohexane

Concen: 19.481 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :
MSVOA_D
ClientSampleId :

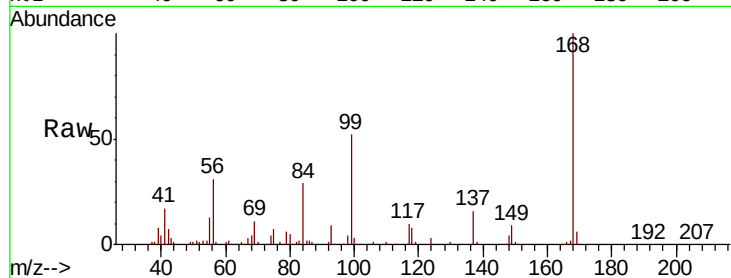
Tot Ion: 56 Resp: 165263

Ion Ratio Lower Upper

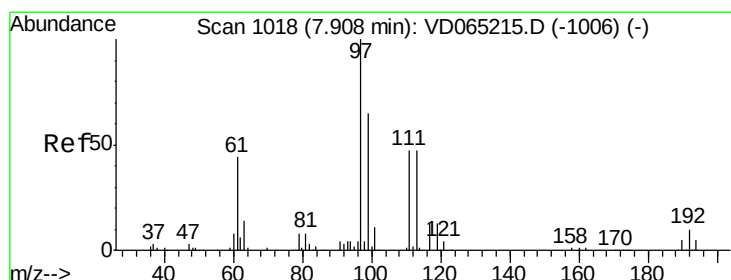
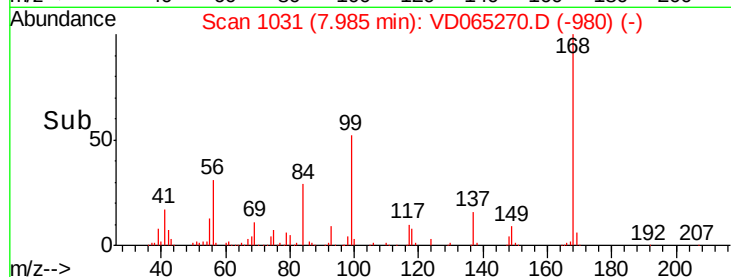
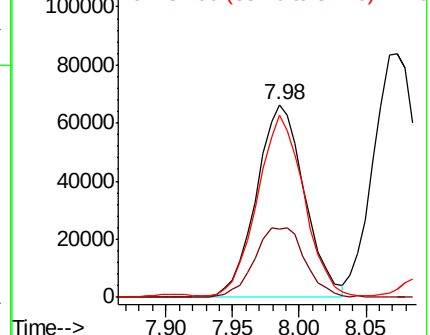
56 100

69 35.3 27.4 41.0

84 93.2 71.1 106.7



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



#32

1,1,1-Trichloroethane

Concen: 20.248 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

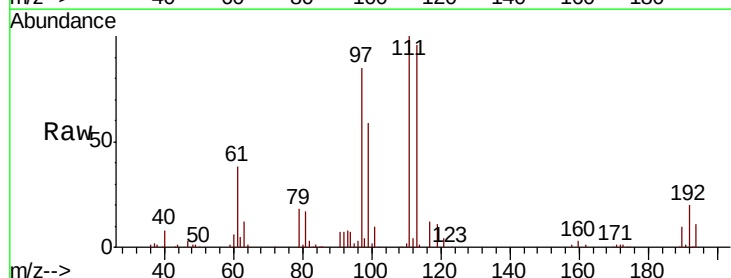
Tgt Ion: 97 Resp: 157587

Ion Ratio Lower Upper

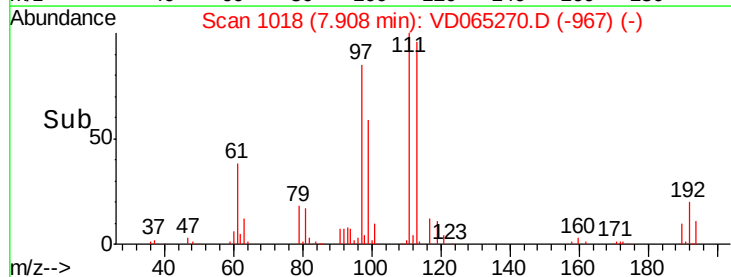
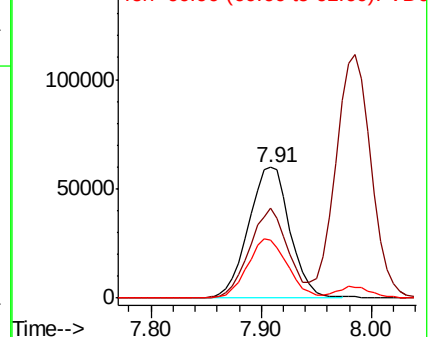
97 100

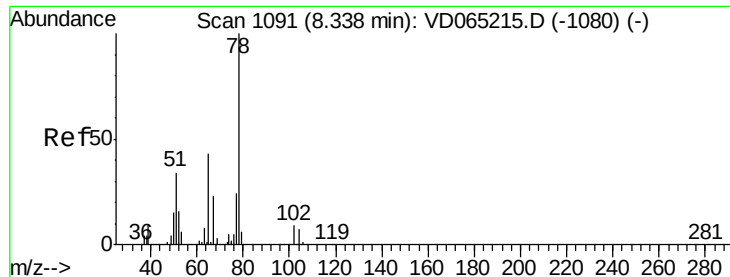
99 64.5 51.4 77.2

61 43.7 34.8 52.2



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

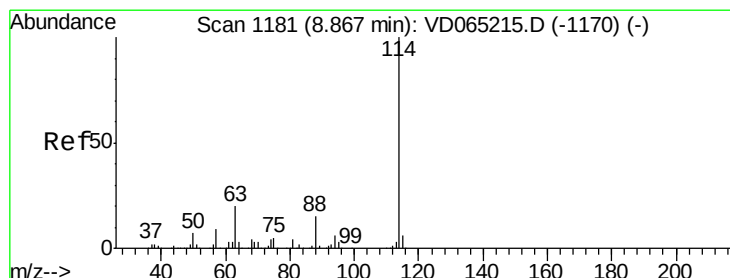
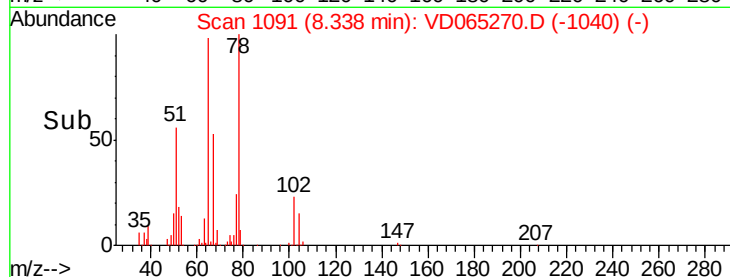
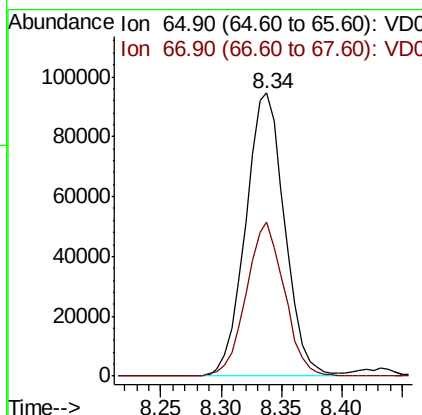
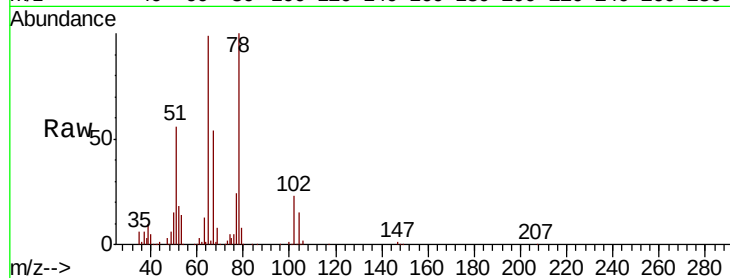




#33
 1,2-Dichloroethane-d4
 Concen: 49.504 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

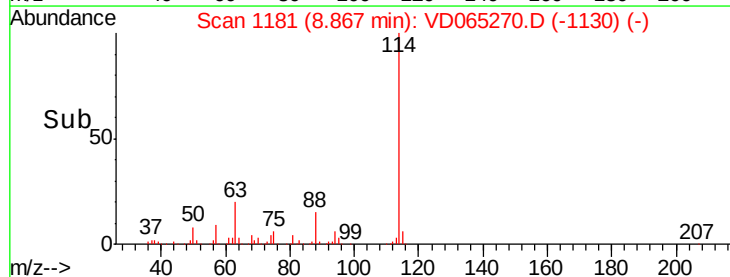
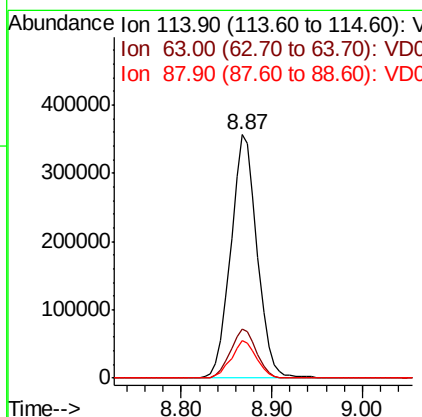
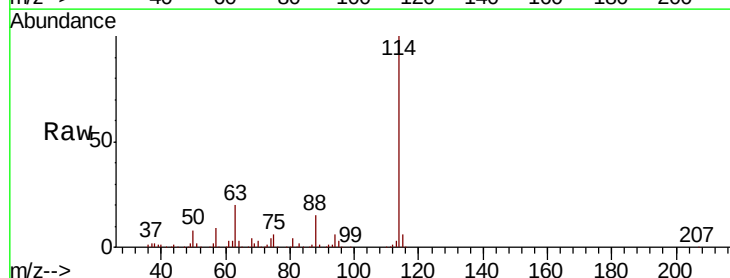
Instrument :
 MSVOA_D
 ClientSampled :

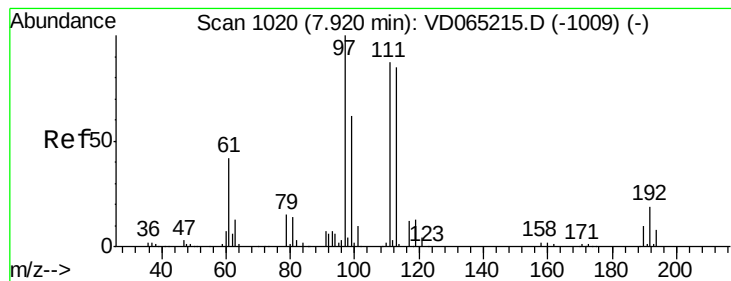
Tot Ion: 65 Resp: 213587
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion: 114 Resp: 719845
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.224 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :
MSVOA_D
ClientSampleId :

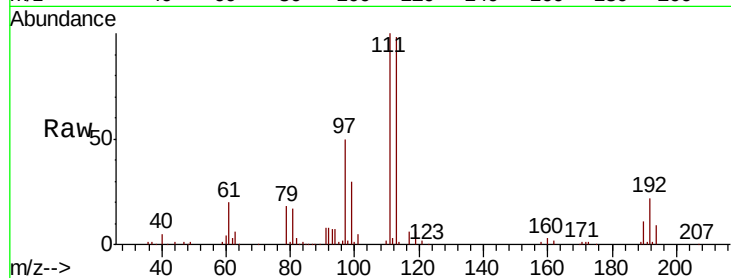
Tot Ion:113 Resp: 220442

Ion Ratio Lower Upper

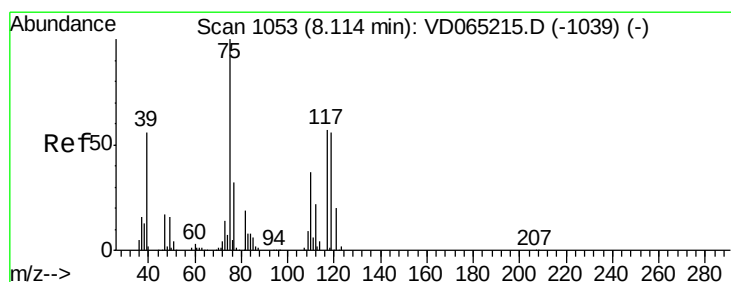
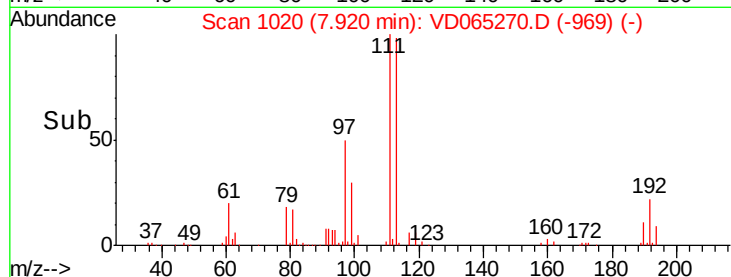
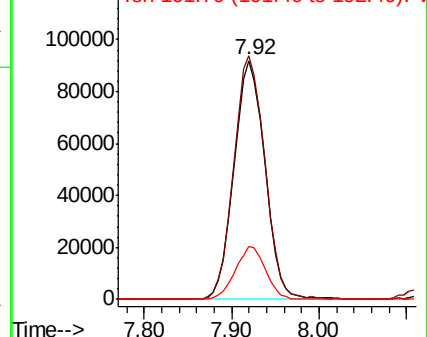
113 100

111 102.6 82.9 124.3

192 21.4 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.933 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

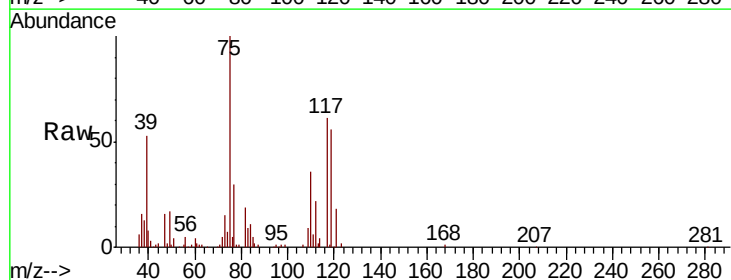
Tgt Ion: 75 Resp: 139612

Ion Ratio Lower Upper

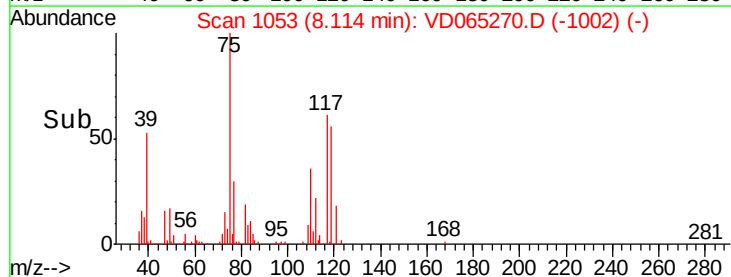
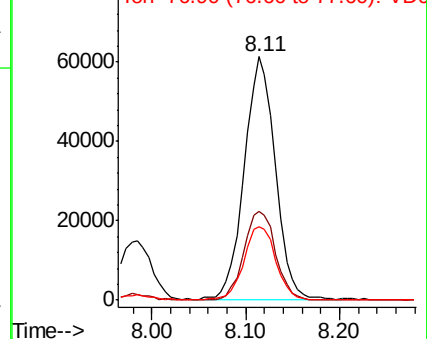
75 100

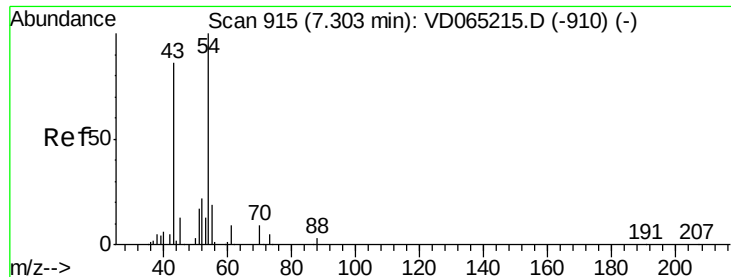
110 37.3 17.9 53.7

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

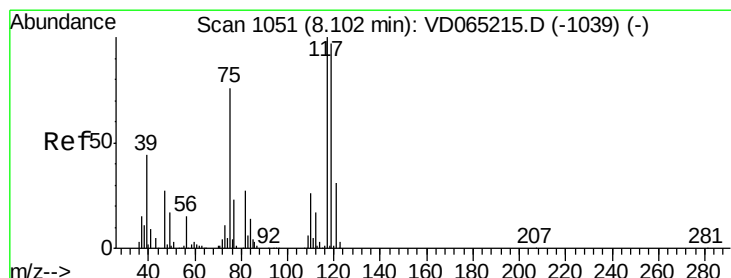
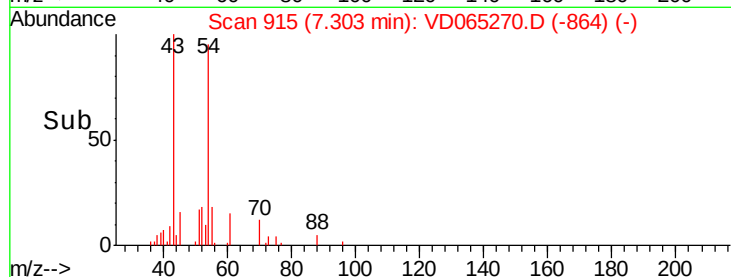
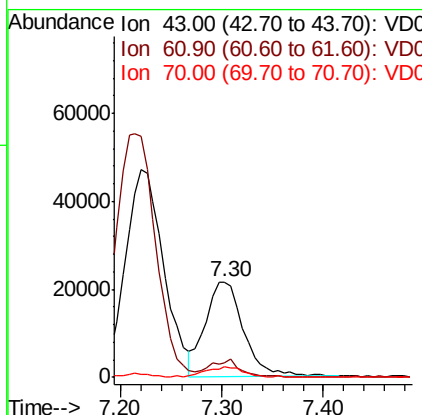
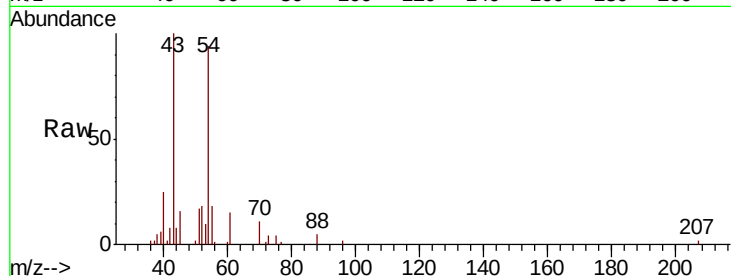




#37
Ethyl Acetate
Concen: 19.199 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

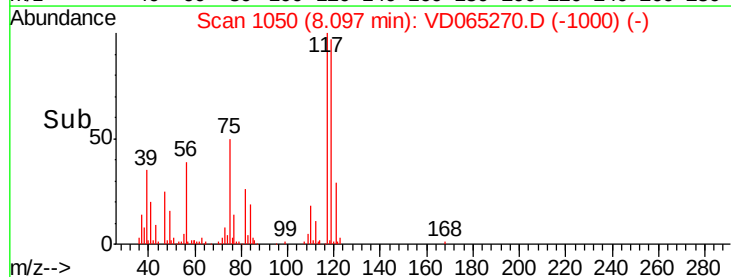
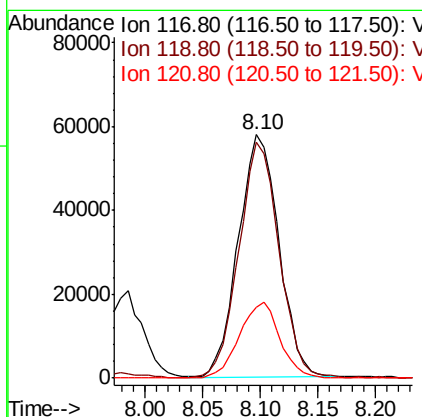
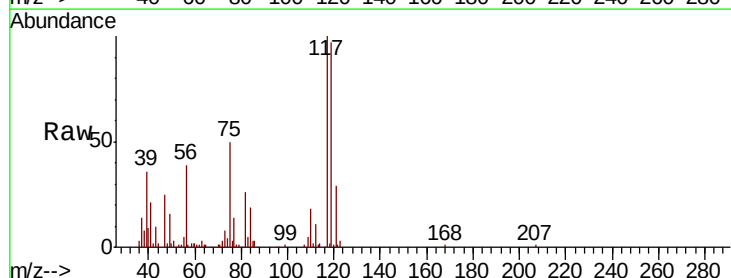
Instrument :
MSVOA_D
ClientSampleId :

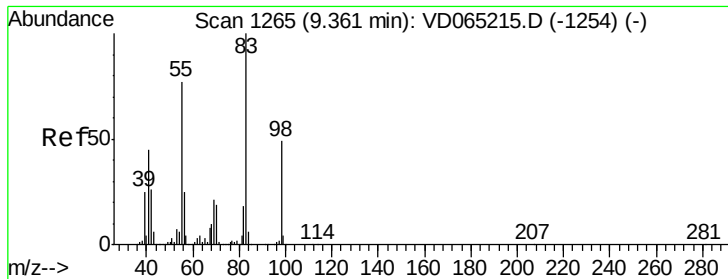
Tot Ion: 43 Resp: 56215
Ion Ratio Lower Upper
43 100
61 15.5 11.2 16.8
70 11.0 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.828 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion: 117 Resp: 141379
Ion Ratio Lower Upper
117 100
119 96.8 77.6 116.4
121 29.2 24.8 37.2

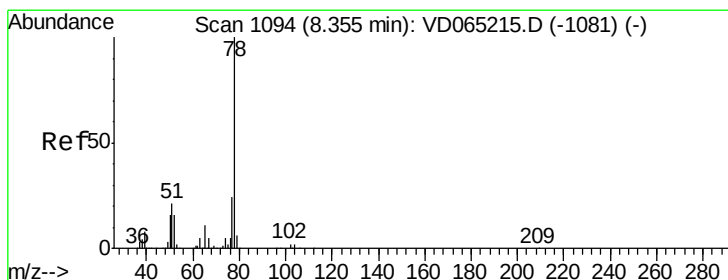
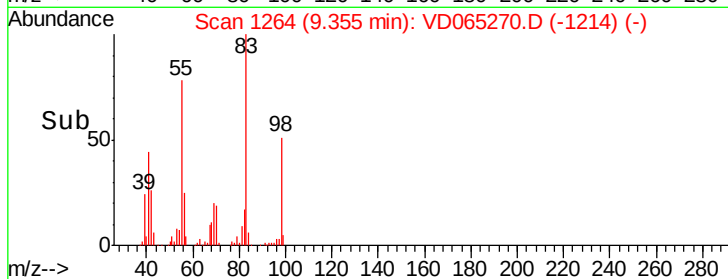
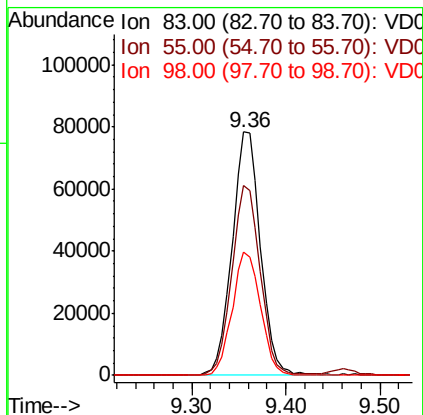
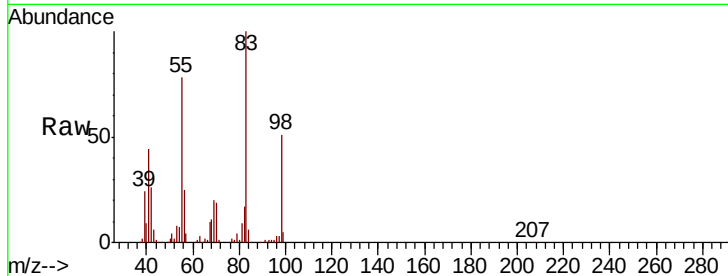




#39
Methylvlcyclohexane
Concen: 19.901 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

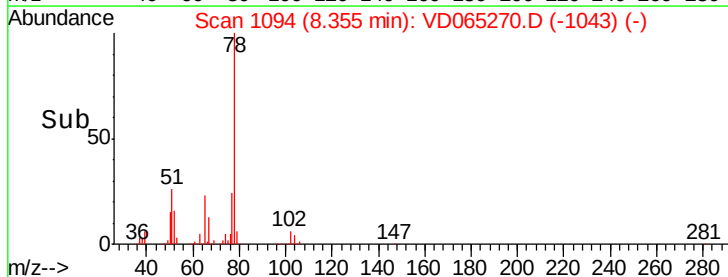
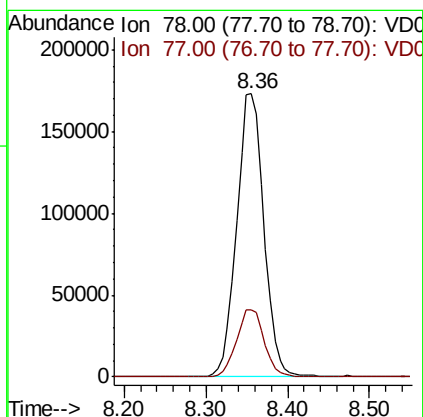
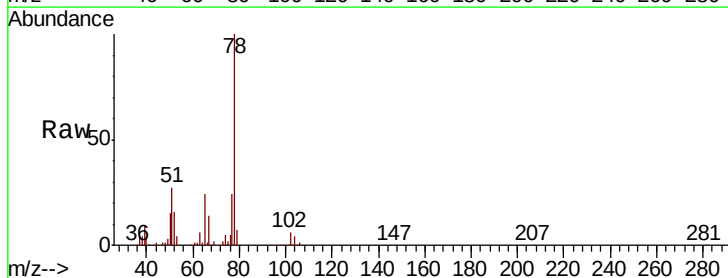
Instrument :
MSVOA_D
ClientSampled :

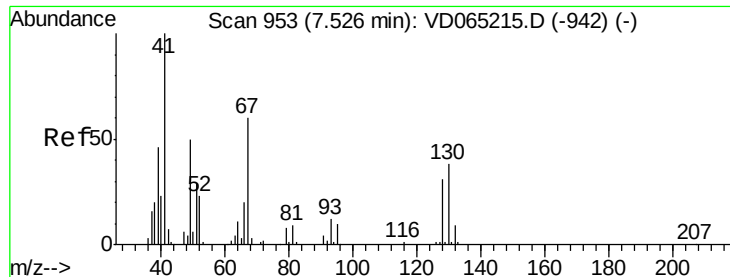
Tot Ion: 83 Resp: 163868
Ion Ratio Lower Upper
83 100
55 78.2 61.8 92.6
98 50.7 39.4 59.0



#40
Benzene
Concen: 20.239 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion: 78 Resp: 400115
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

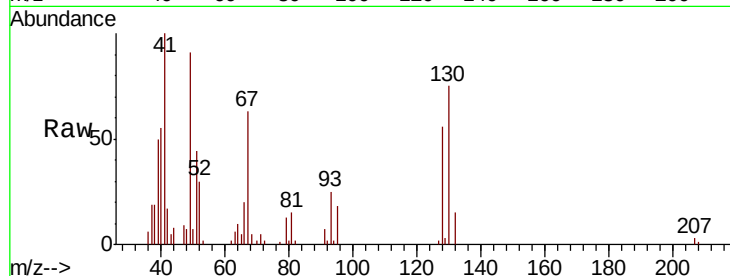




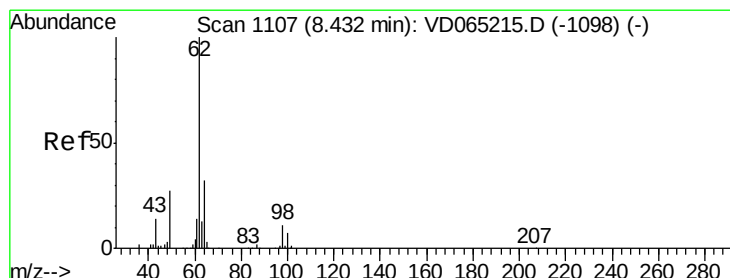
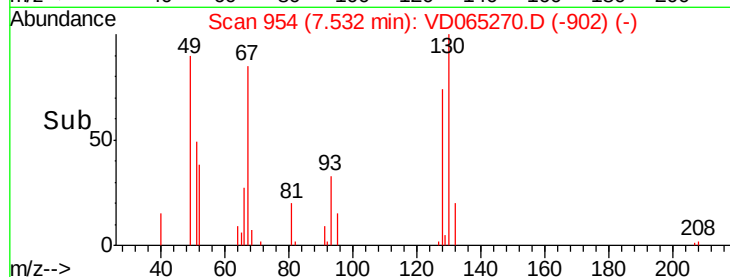
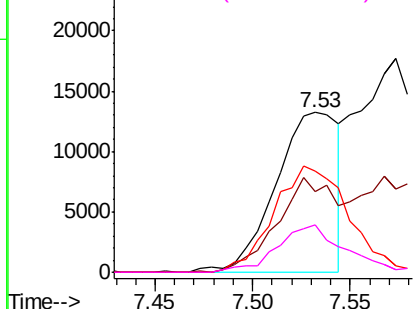
#41
Methacrylonitrile
Concen: 17.540 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	41	Resp:	29654
Ion	Ratio	Lower	Upper
41	100		
39	60.5	48.1	72.1
67	78.9	58.9	88.3
52	32.2	24.2	36.2

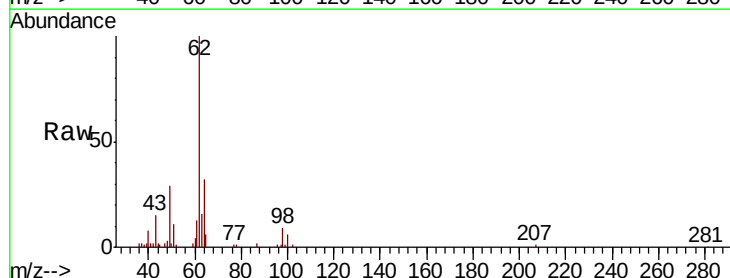


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

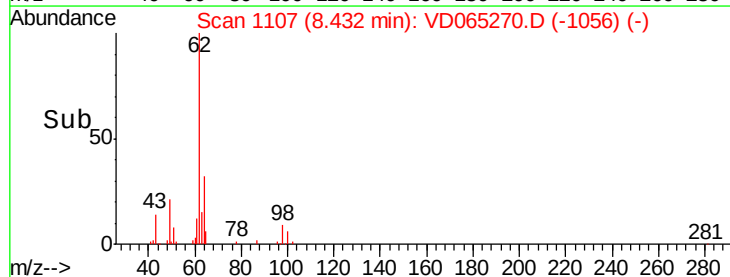
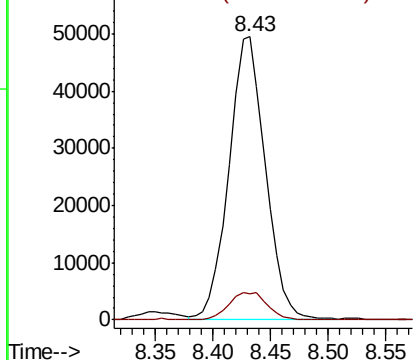


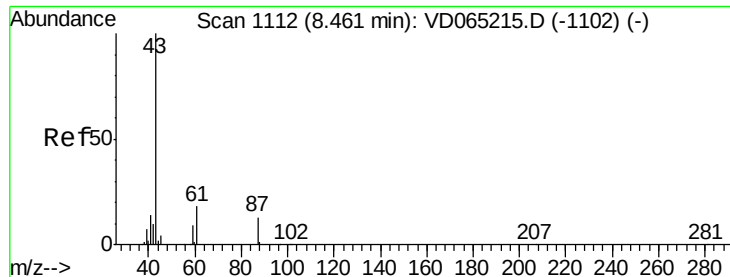
#42
1,2-Dichloroethane
Concen: 19.978 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion:	62	Resp:	108582
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: 19.144 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

ClientSampleId :

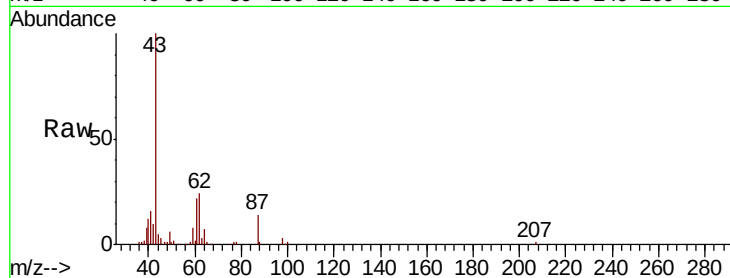
Tot Ion: 43 Resp: 101935

Ion Ratio Lower Upper

43 100

61 31.1 24.6 36.8

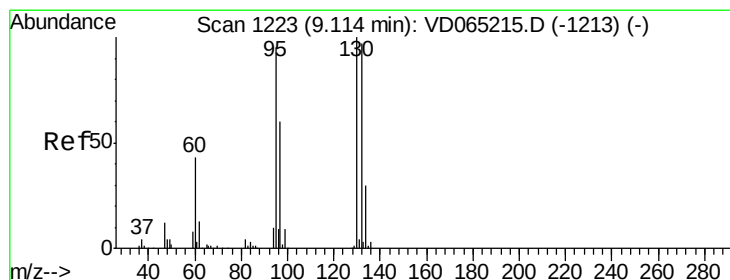
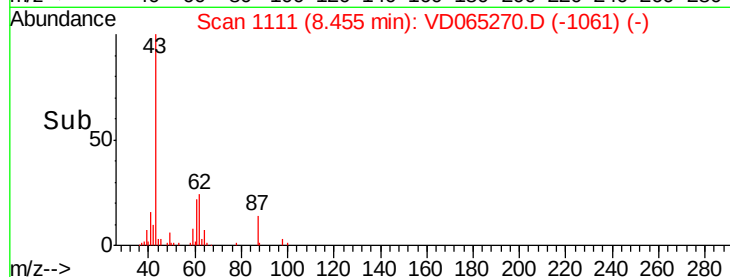
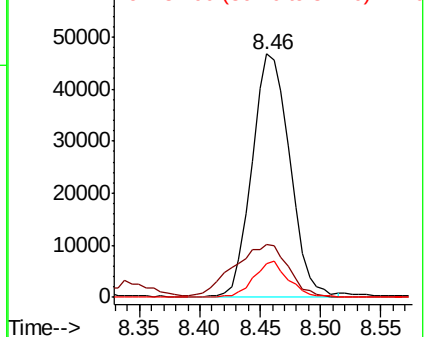
87 13.6 10.6 16.0



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: 20.358 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065270.D

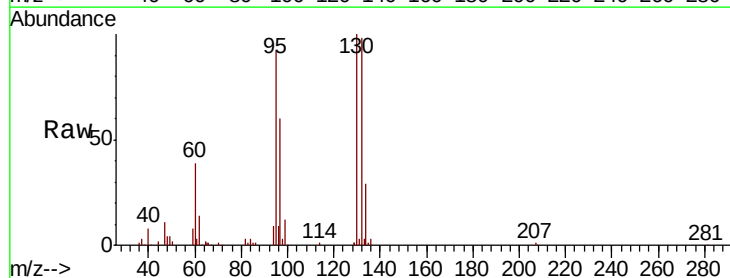
Acq: 21 Feb 2020 12:45

Tgt Ion:130 Resp: 111562

Ion Ratio Lower Upper

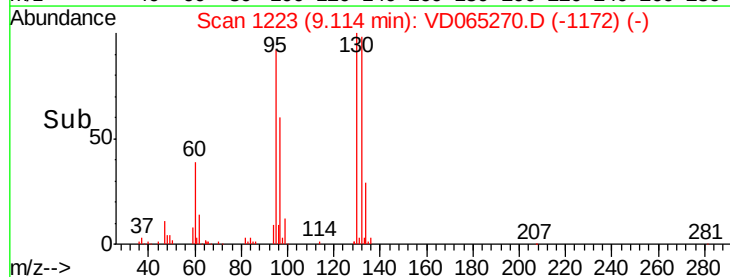
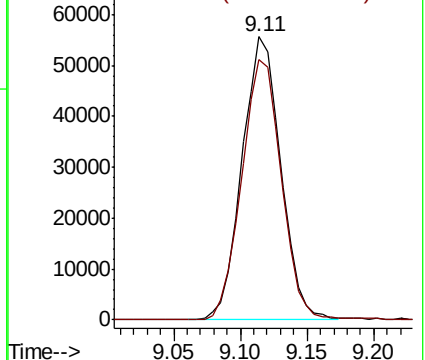
130 100

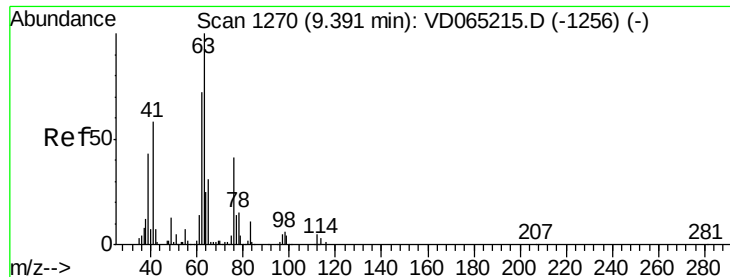
95 92.0 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

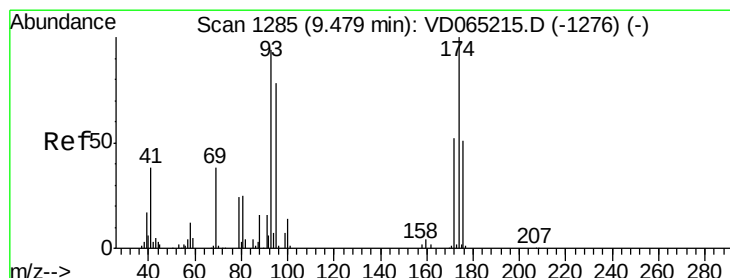
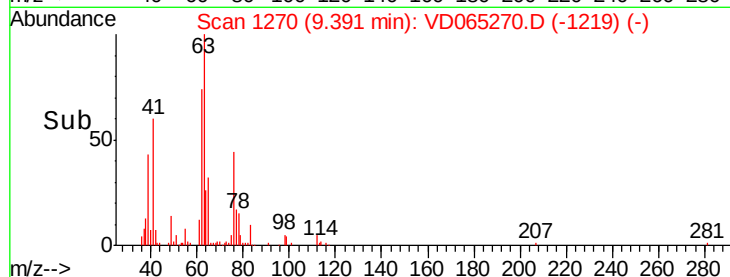
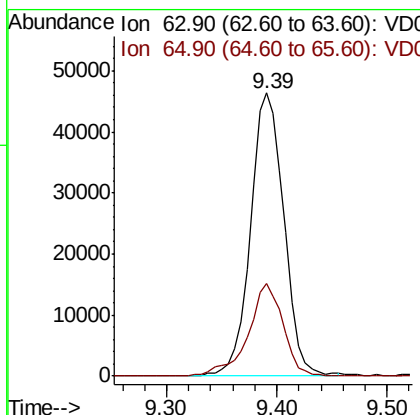
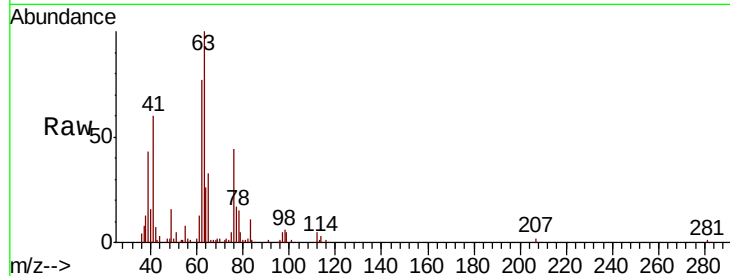




#45
 1,2-Dichloropropane
 Concen: 19.958 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

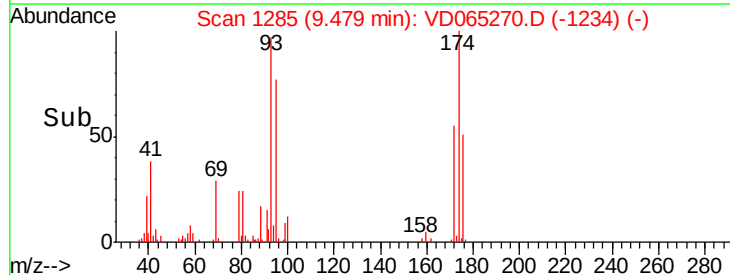
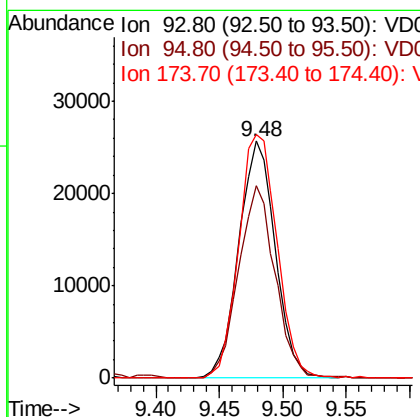
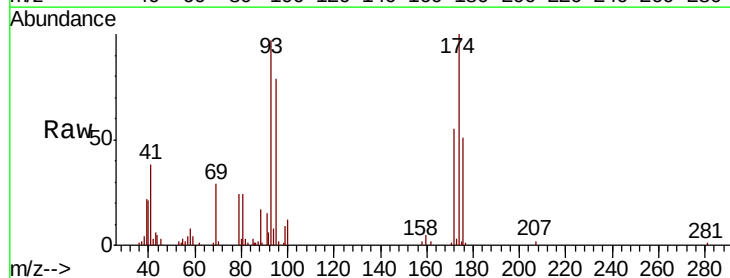
Instrument :
 MSVOA_D
 ClientSampleID :

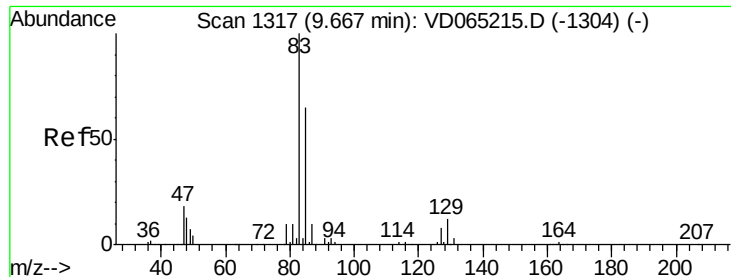
Tot Ion: 63 Resp: 98110
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.9 37.3



#46
 Dibromomethane
 Concen: 20.310 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion: 93 Resp: 51371
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.8 98.6
 174 107.4 86.8 130.2

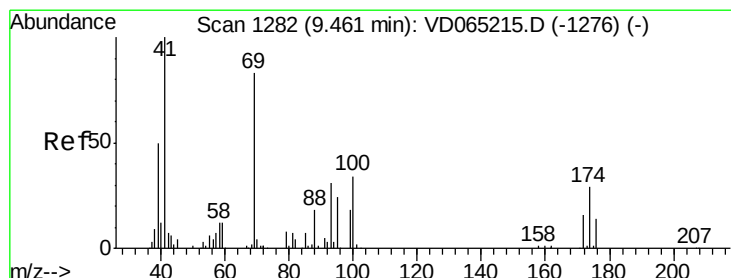
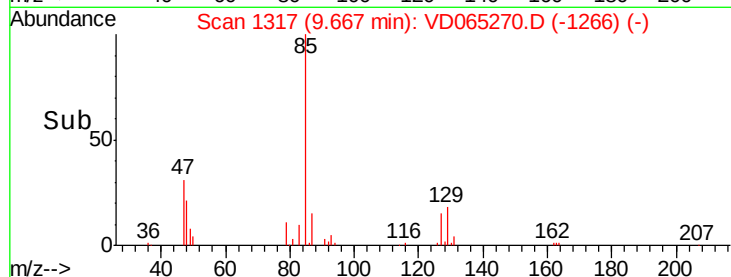
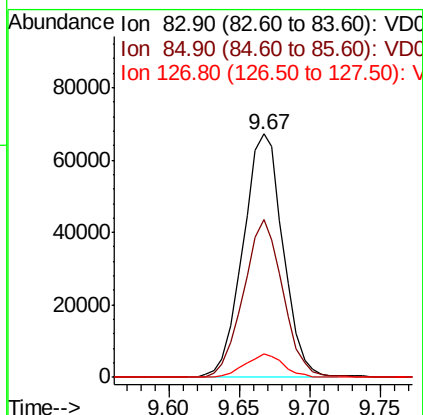
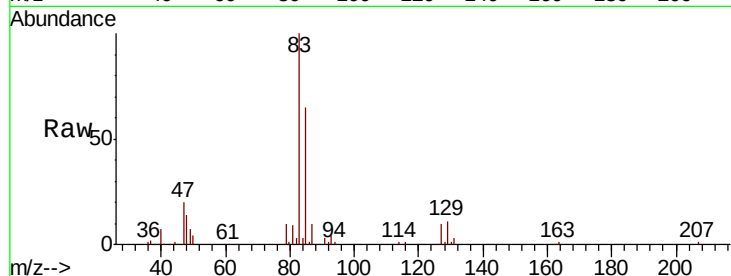




#47
Bromodichloromethane
Concen: 20.026 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

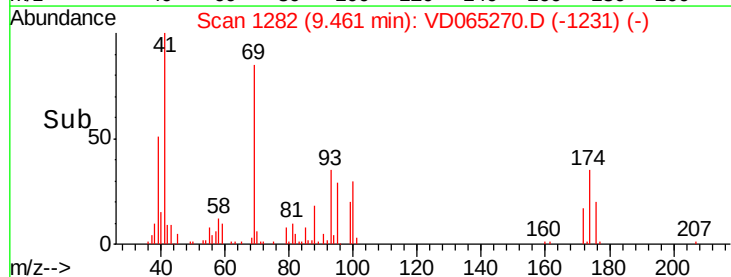
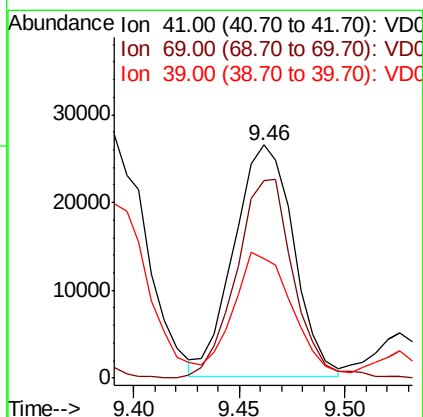
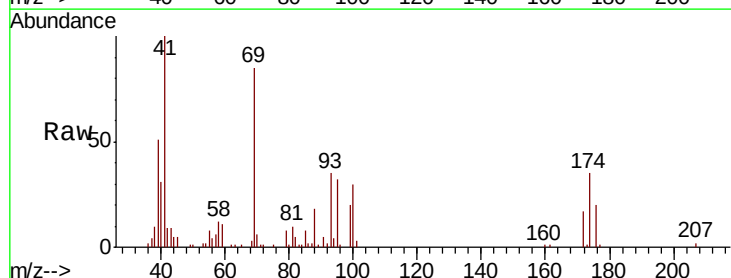
Instrument :
MSVOA_D
ClientSampleId :

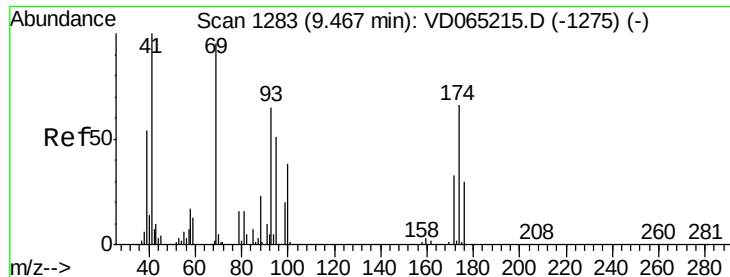
Tot Ion: 83 Resp: 133488
Ion Ratio Lower Upper
83 100
85 64.7 52.0 78.0
127 9.6 6.7 10.1



#48
Methyl methacrylate
Concen: 20.998 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion: 41 Resp: 51679
Ion Ratio Lower Upper
41 100
69 83.1 68.2 102.2
39 49.1 42.0 63.0

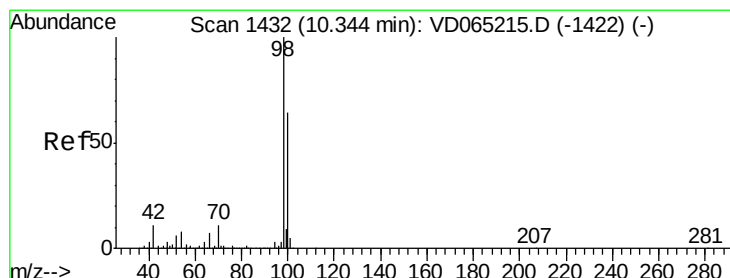
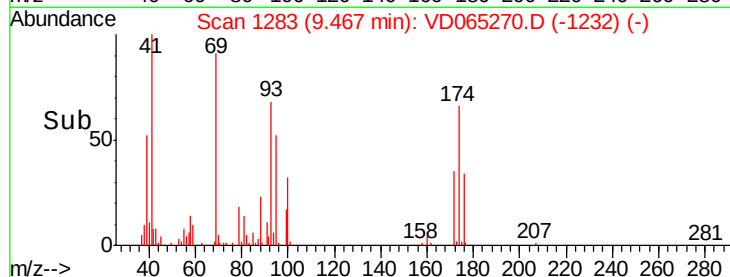
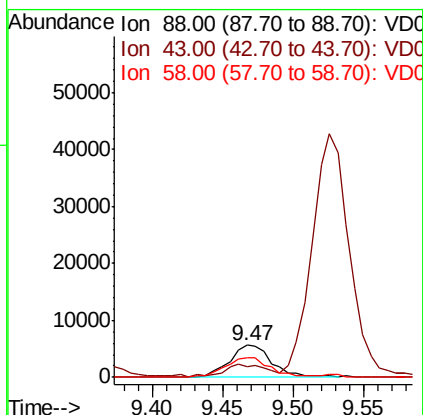
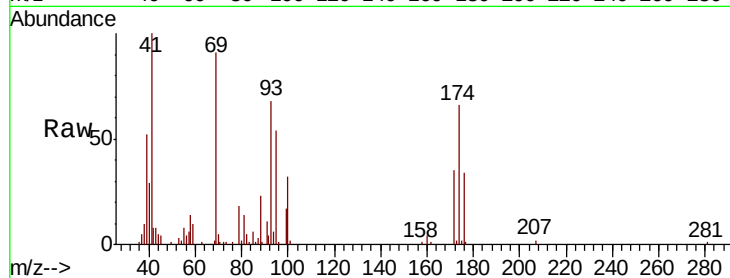




#49
 1,4-Dioxane
 Concen: 401.849 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

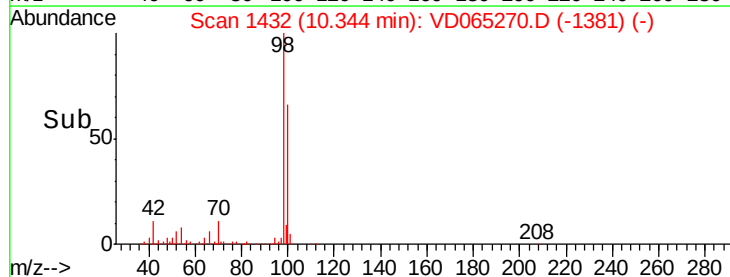
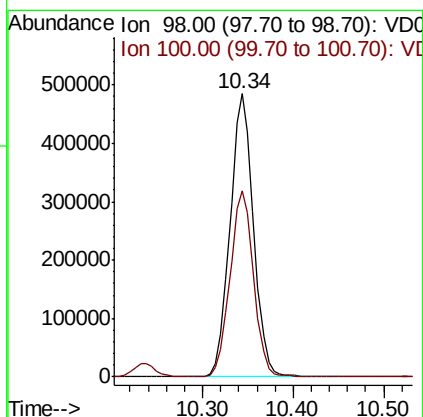
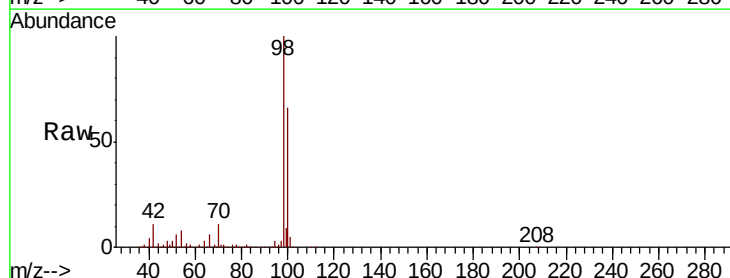
Instrument :
 MSVOA_D
 ClientSampleId :

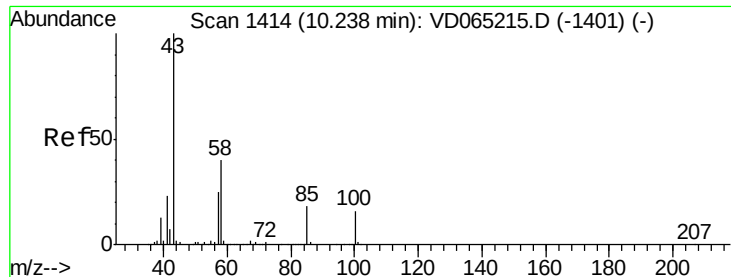
Tot Ion: 88 Resp: 11921
 Ion Ratio Lower Upper
 88 100
 43 41.3 28.5 42.7
 58 63.8 58.6 87.8



#50
 Toluene-d8
 Concen: 52.049 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion: 98 Resp: 873353
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.0 78.0

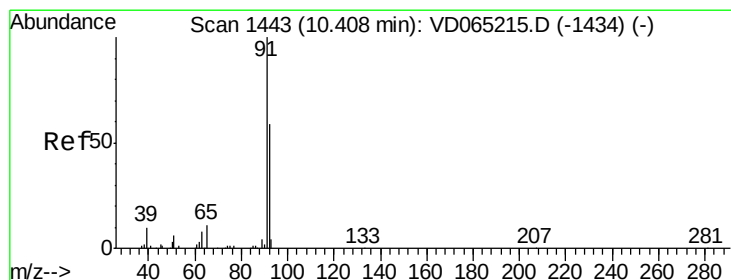
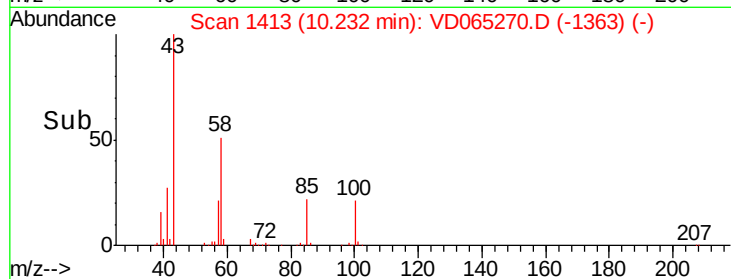
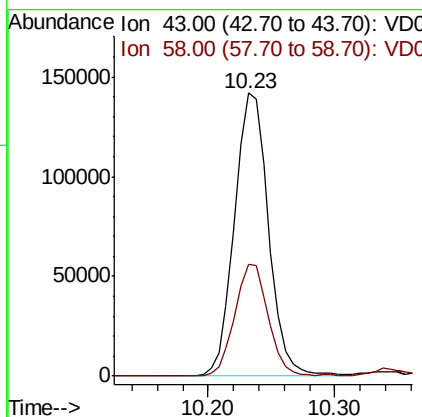
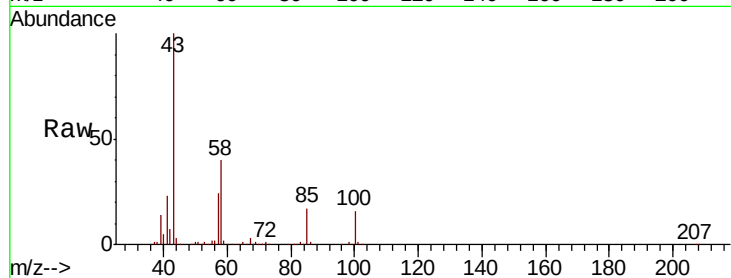




#51
 4-Methyl-2-Pentanone
 Concen: 97.553 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

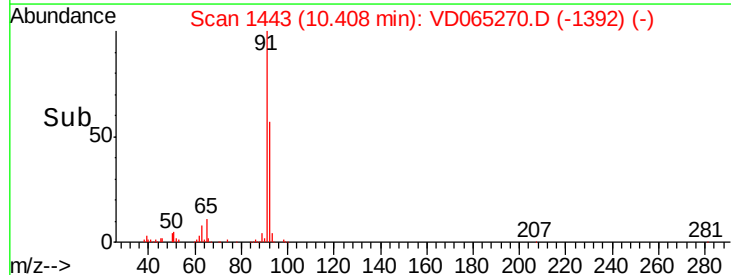
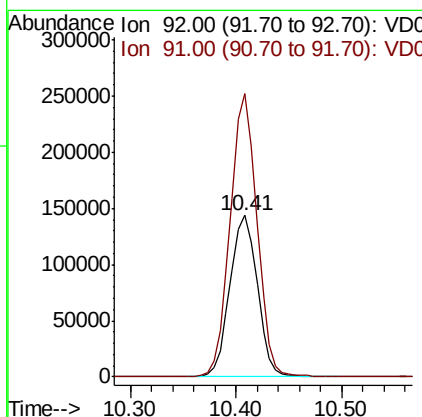
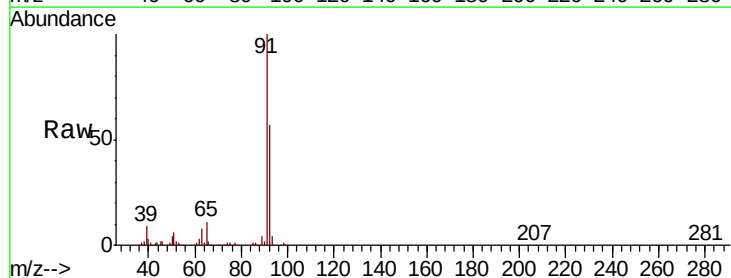
Instrument :
 MSVOA_D
 ClientSampleId :

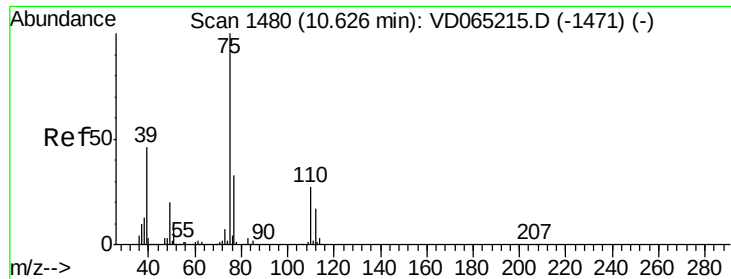
Tot Ion: 43 Resp: 263824
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.1 46.7



#52
 Toluene
 Concen: 21.233 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion: 92 Resp: 259833
 Ion Ratio Lower Upper
 92 100
 91 170.9 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 19.645 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

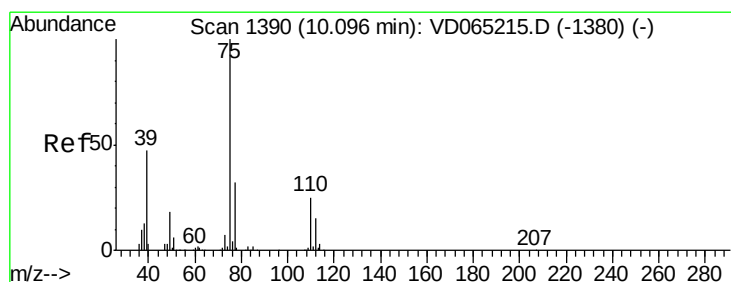
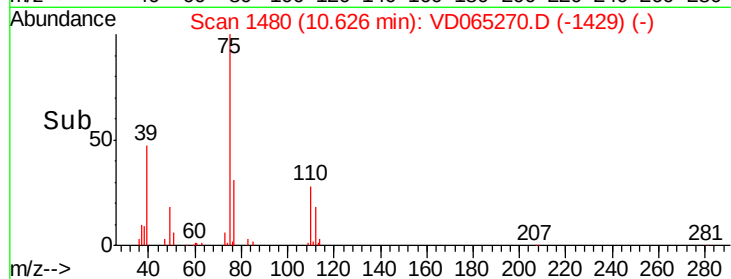
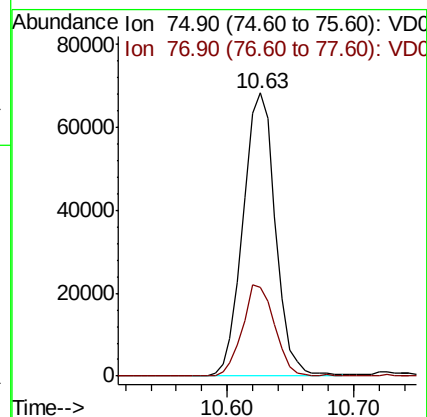
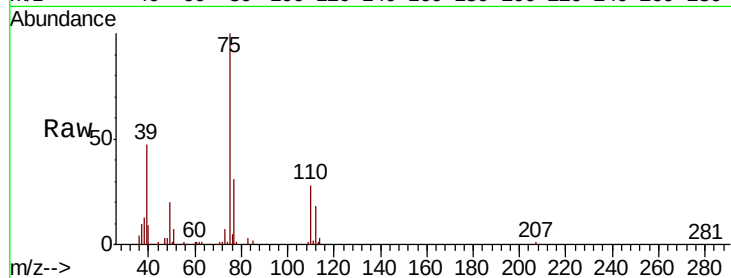
ClientSampleId :

Tot Ion: 75 Resp: 121375

Ion Ratio Lower Upper

75 100

77 31.4 26.6 40.0



#54

cis-1,3-Dichloropropene

Concen: 20.317 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

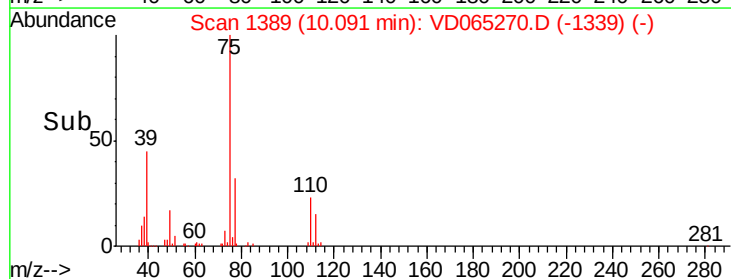
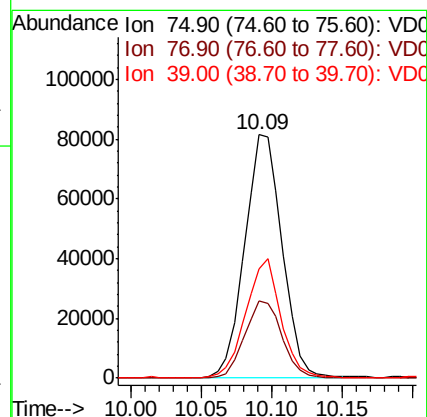
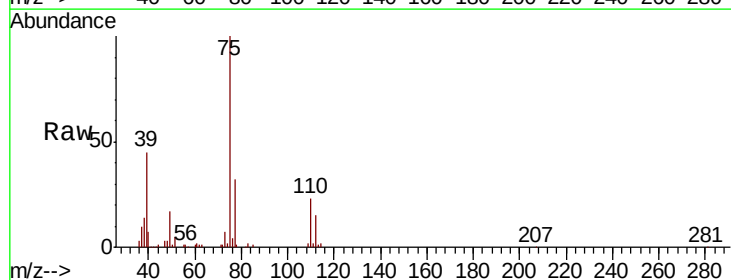
Tgt Ion: 75 Resp: 151582

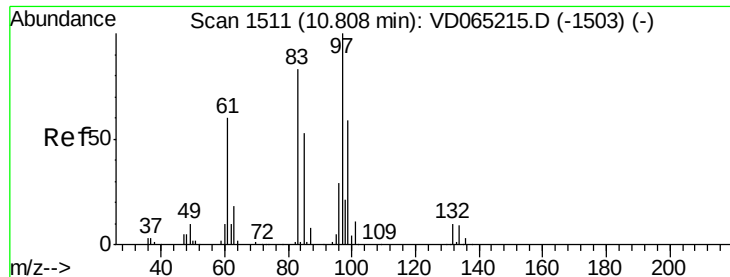
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 44.7 37.3 55.9

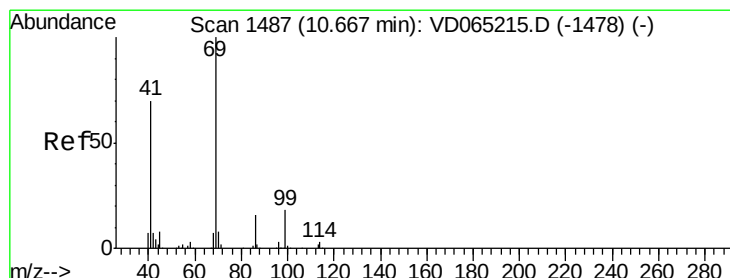
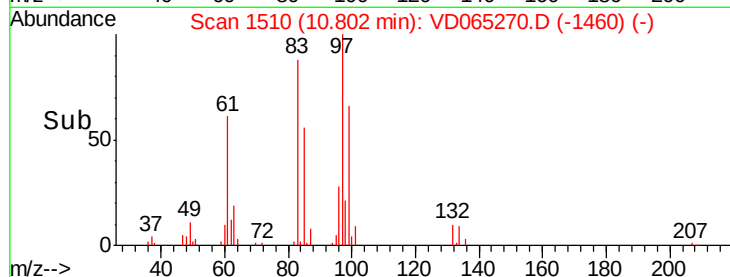
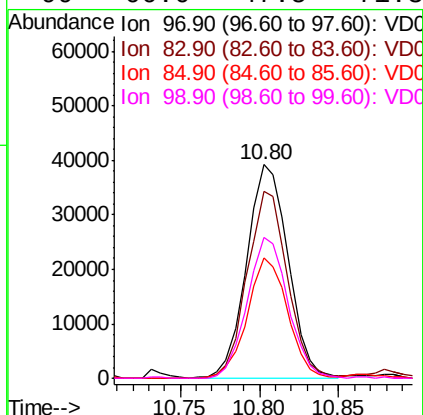
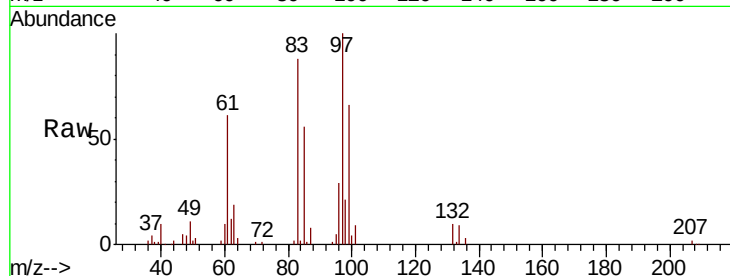




#55
 1,1,2-Trichloroethane
 Concen: 20.092 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

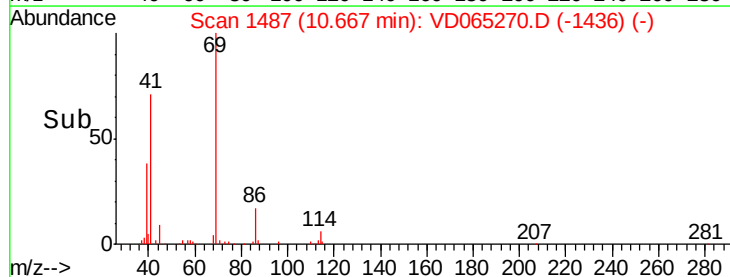
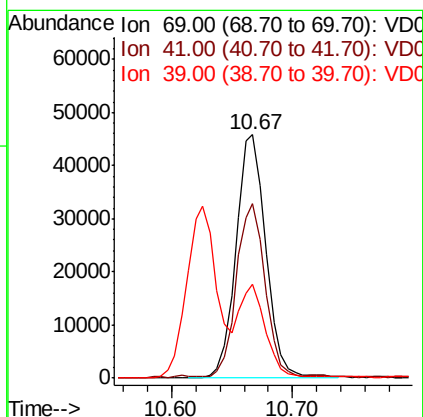
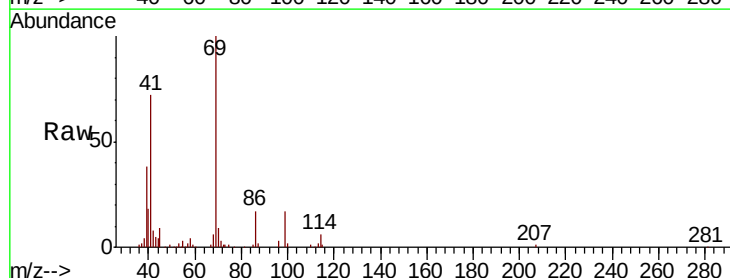
Instrument :
 MSVOA_D
 ClientSampleId :

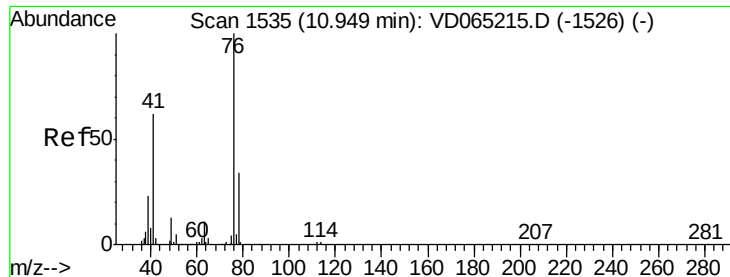
Tot Ion:	97	Resp:	71530
Ion	Ratio	Lower	Upper
97	100		
83	87.6	66.7	100.1
85	56.4	42.4	63.6
99	66.0	47.5	71.3



#56
 Ethyl methacrylate
 Concen: 19.284 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion:	69	Resp:	79238
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.6	81.8
39	33.2	26.5	39.7





#57

1,3-Dichloropropane

Concen: 20.304 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

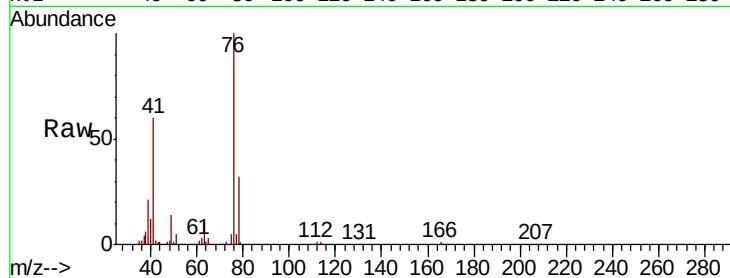
ClientSampleId :

Tot Ion: 76 Resp: 123027

Ion Ratio Lower Upper

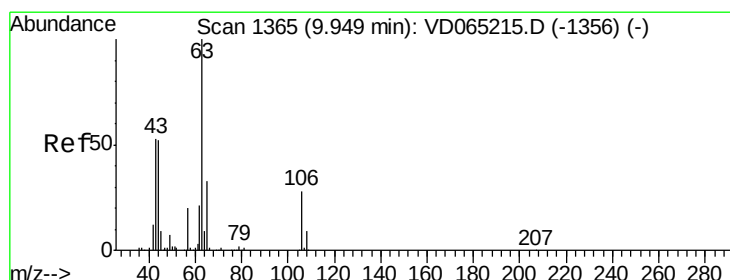
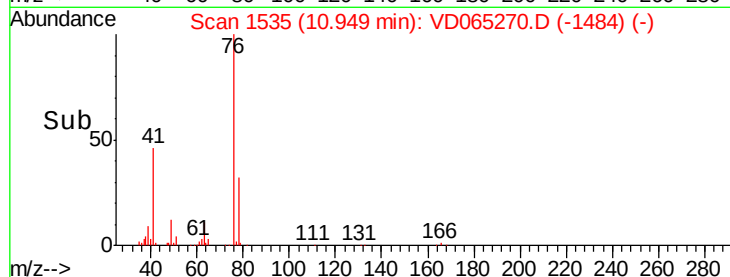
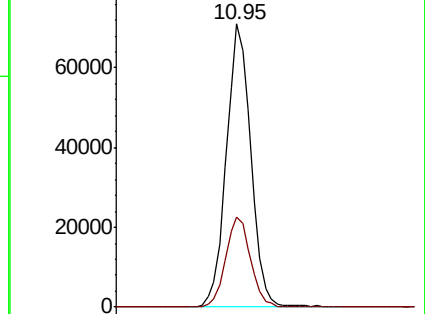
76 100

78 32.4 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VD065270.D (-1484) (-)

Ion 77.90 (77.60 to 78.60): VD065270.D (-1484) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 91.806 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065270.D

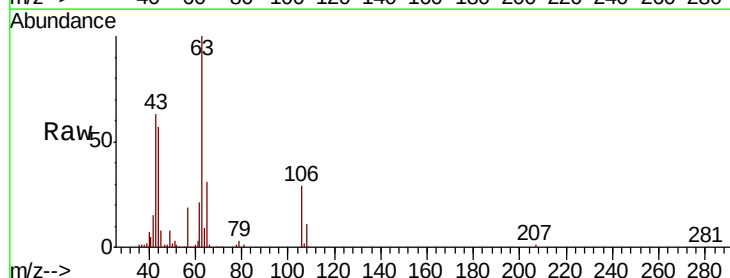
Acq: 21 Feb 2020 12:45

Tgt Ion: 63 Resp: 118933

Ion Ratio Lower Upper

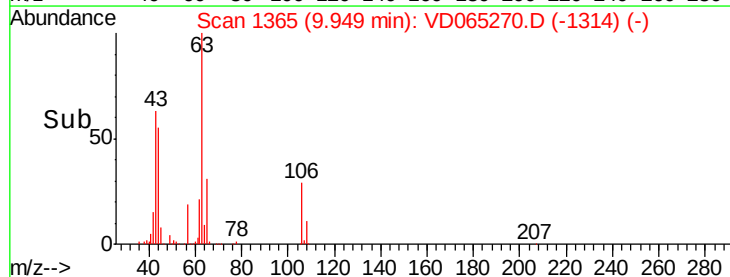
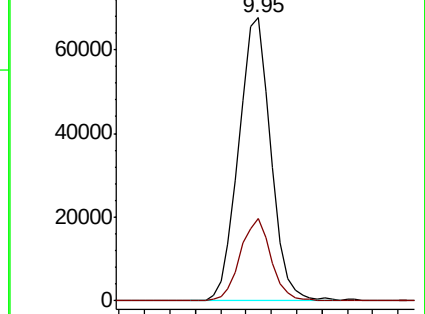
63 100

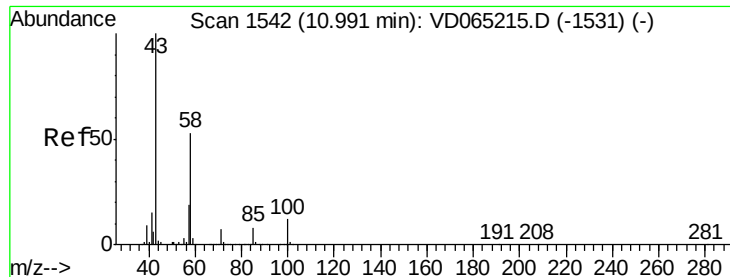
106 27.8 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VD065270.D (-1314) (-)

Ion 105.90 (105.60 to 106.60): VD065270.D (-1314) (-)

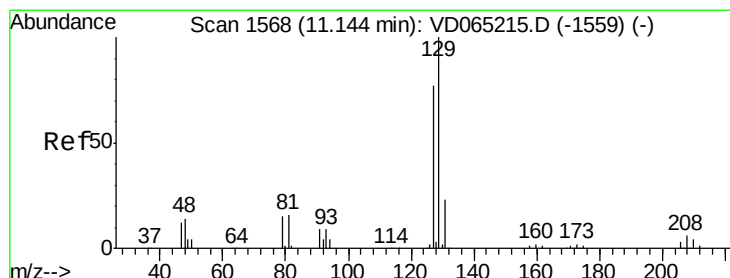
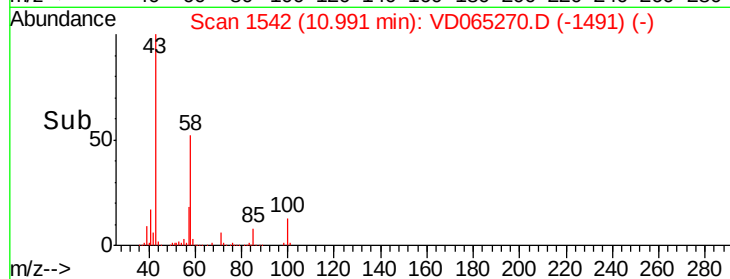
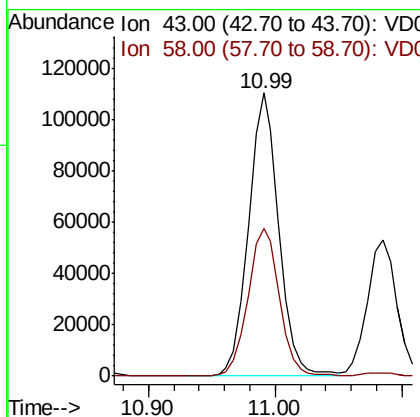
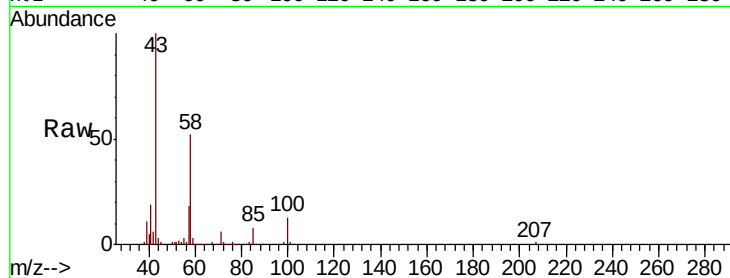




#59
2-Hexanone
Concen: 94.525 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

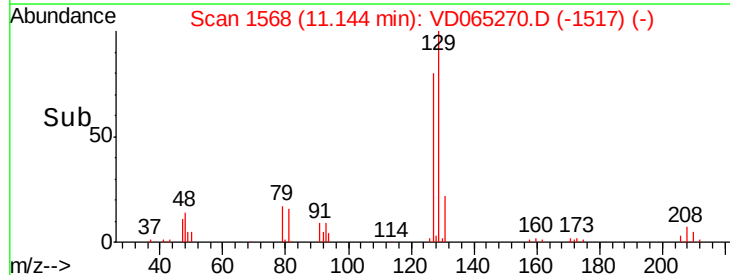
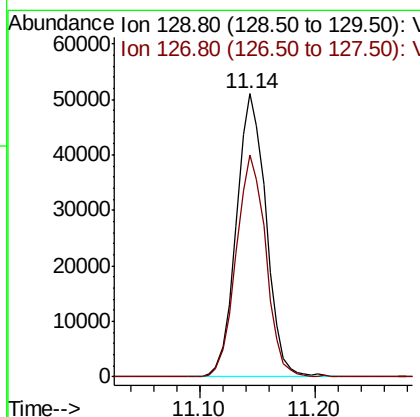
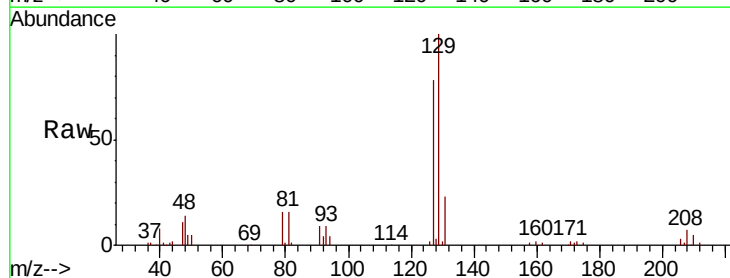
Instrument :
MSVOA_D
ClientSampleId :

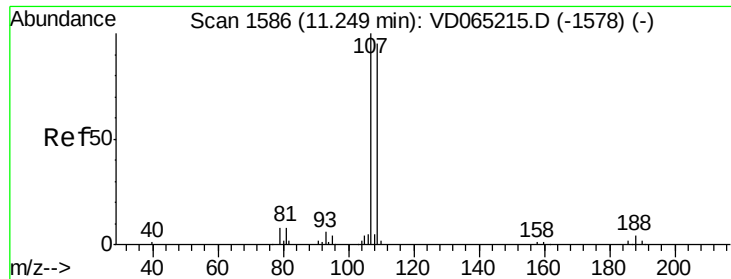
Tot Ion: 43 Resp: 182994
Ion Ratio Lower Upper
43 100
58 54.4 26.3 78.8



#60
Dibromochloromethane
Concen: 19.995 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion:129 Resp: 91110
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1

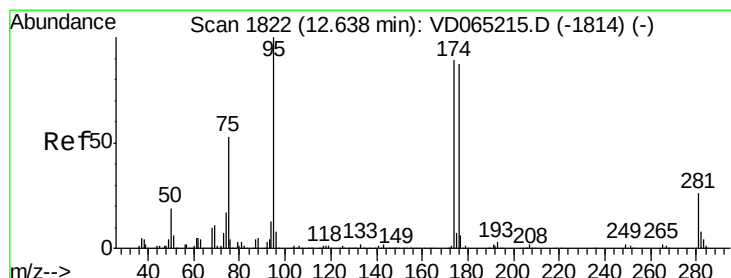
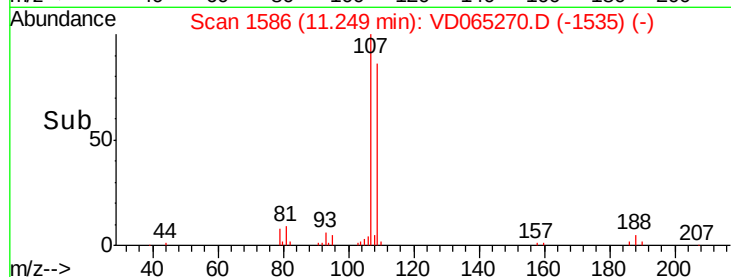
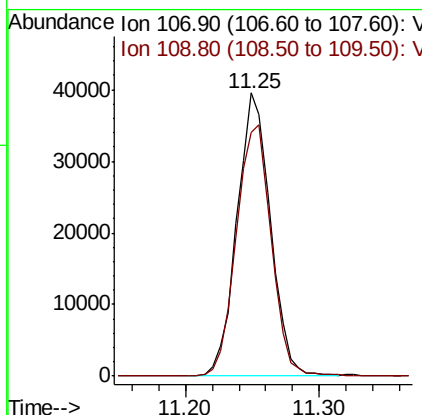
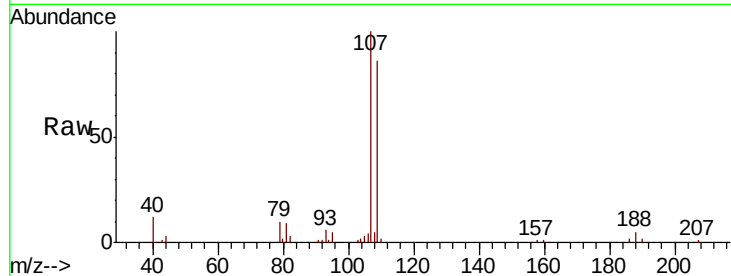




#61
 1,2-Dibromoethane
 Concen: 20.372 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

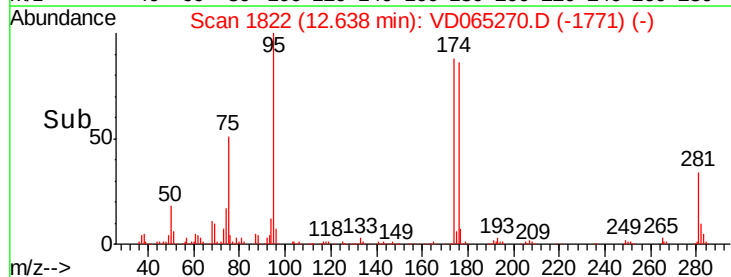
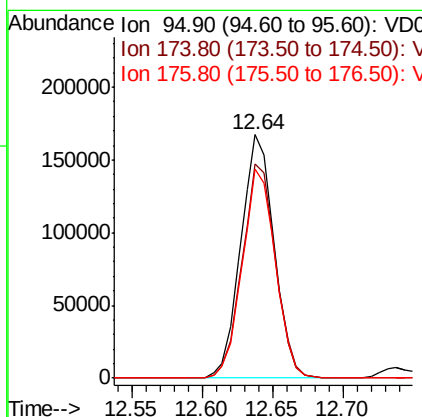
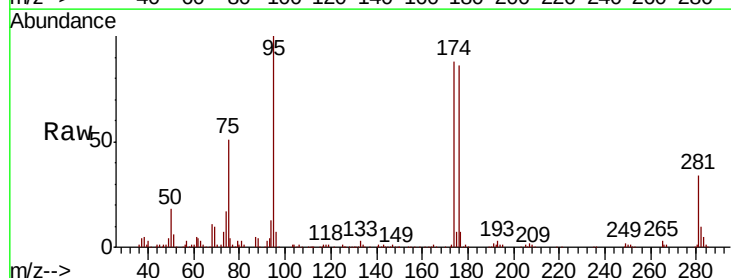
Instrument :
 MSVOA_D
 ClientSampleId :

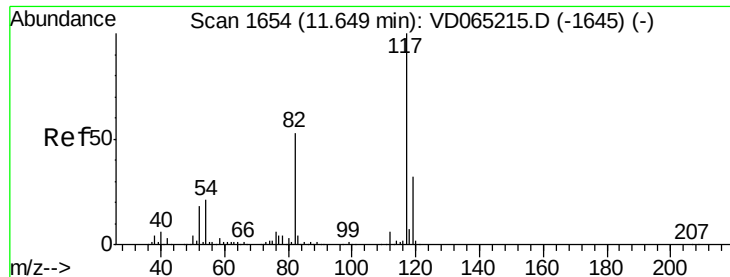
Tot Ion:107 Resp: 68669
 Ion Ratio Lower Upper
 107 100
 109 92.2 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 51.892 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion: 95 Resp: 275839
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 178.0
 176 85.8 0.0 174.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

ClientSampleId :

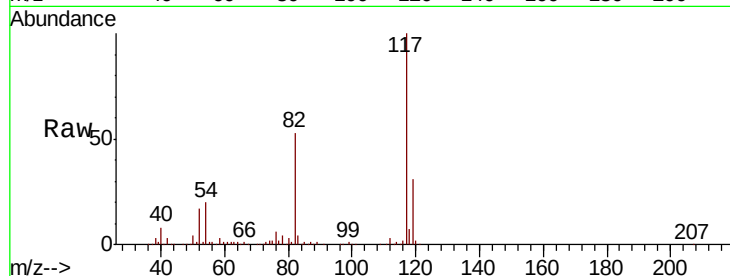
Tot Ion:117 Resp: 649795

Ion Ratio Lower Upper

117 100

82 52.9 42.7 64.1

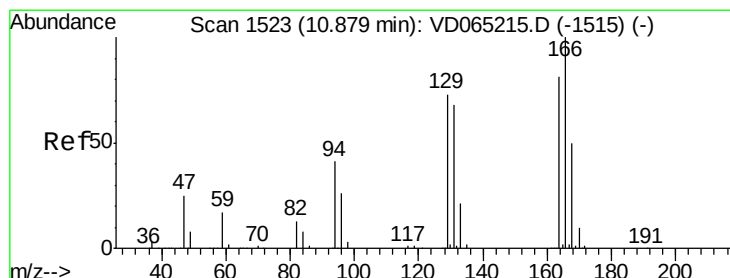
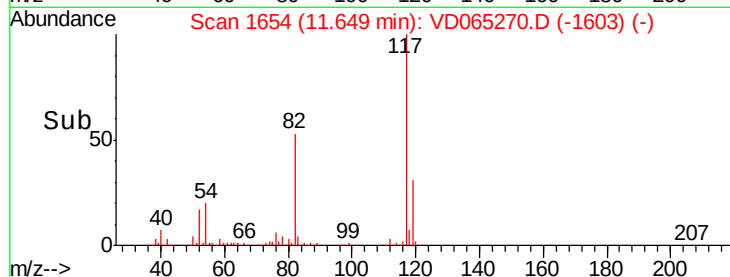
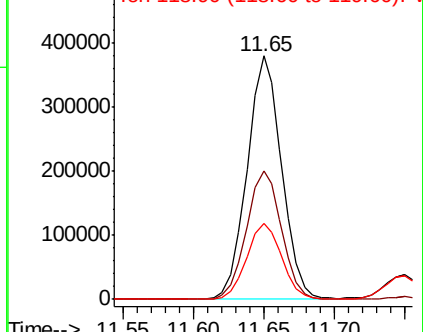
119 31.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.684 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Tgt Ion:164 Resp: 95322

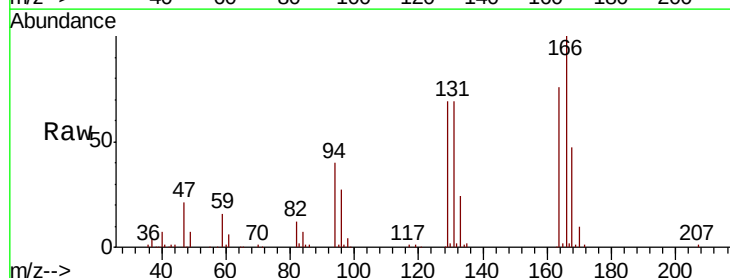
Ion Ratio Lower Upper

164 100

166 130.9 98.4 147.6

129 90.6 71.6 107.4

131 90.3 67.3 100.9

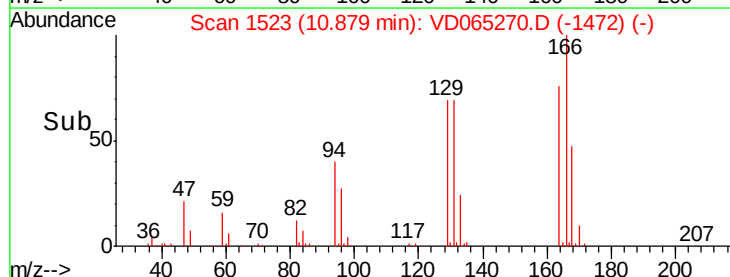
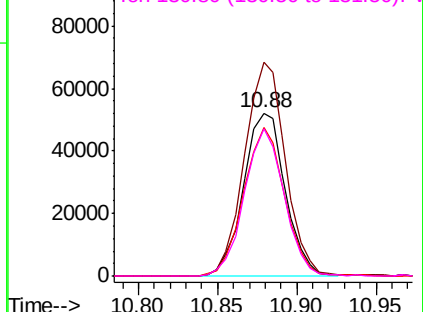


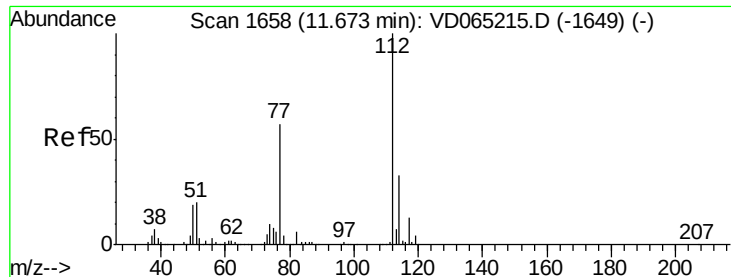
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

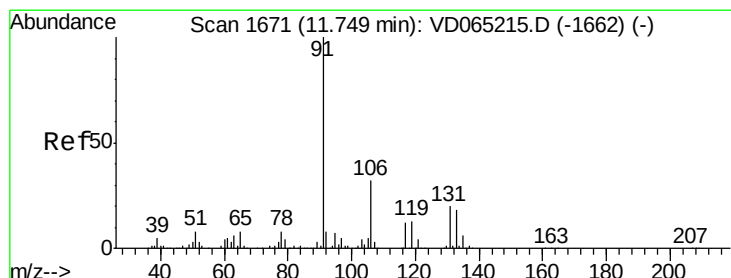
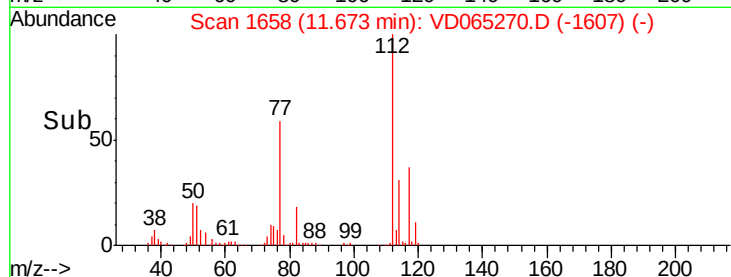
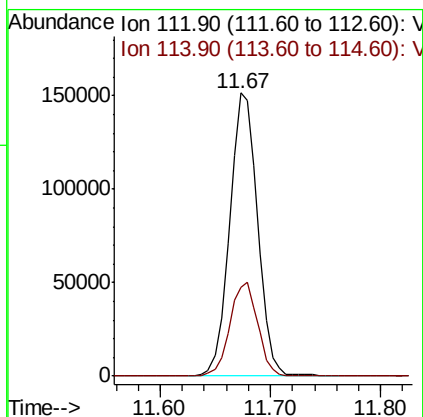
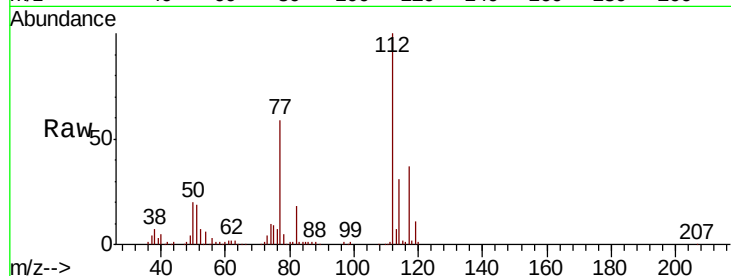




#65
Chlorobenzene
Concen: 20.573 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

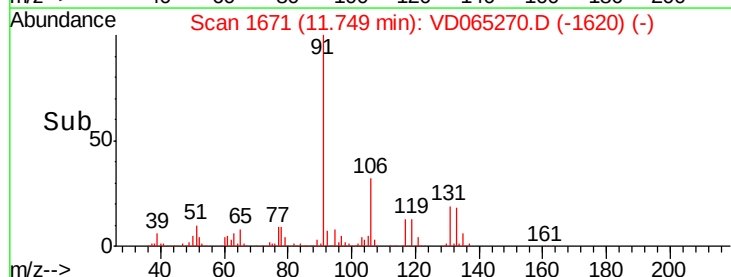
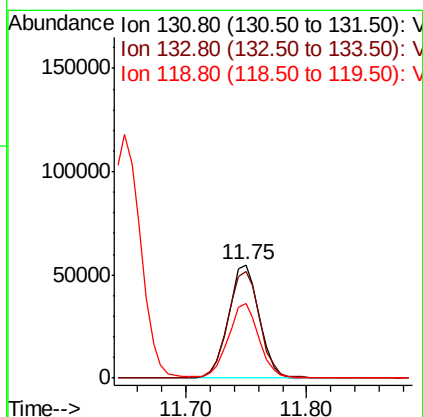
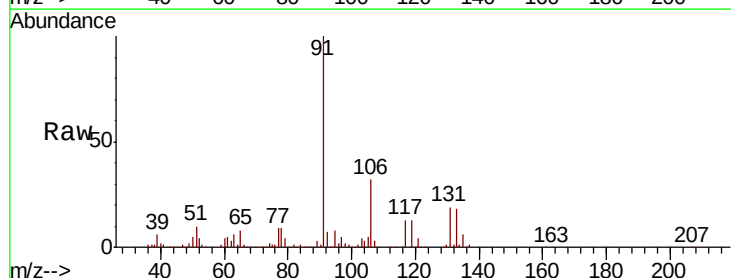
Instrument :
MSVOA_D
ClientSampleId :

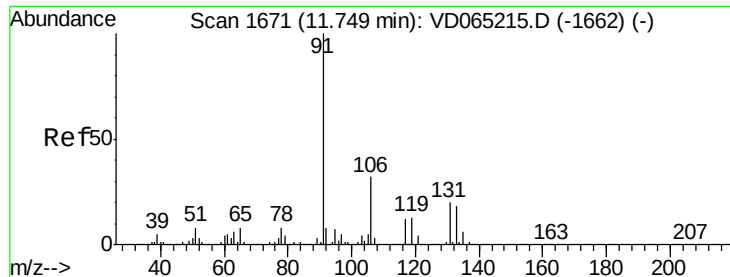
Tot Ion:112 Resp: 268262
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.930 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion:131 Resp: 96982
Ion Ratio Lower Upper
131 100
133 97.3 47.7 143.1
119 66.3 32.7 98.1





#67

Ethyl Benzene

Concen: 20.496 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

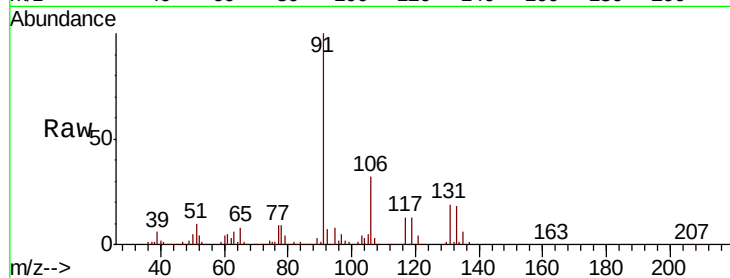
ClientSampled :

Tot Ion: 91 Resp: 468084

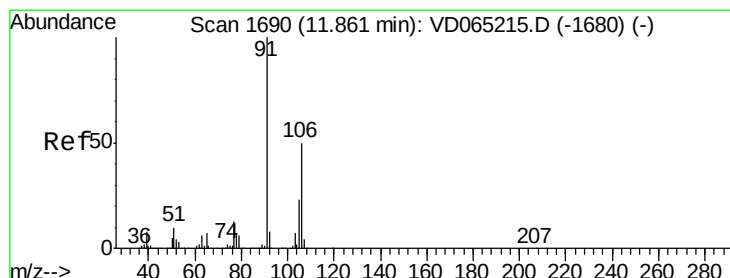
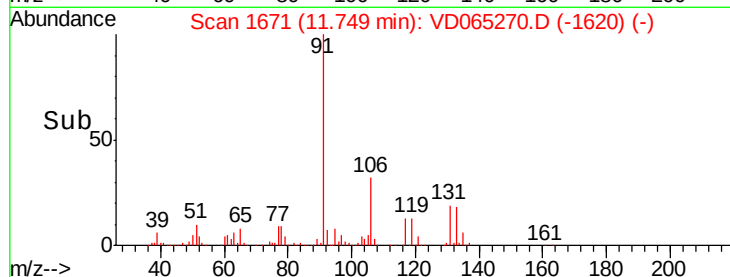
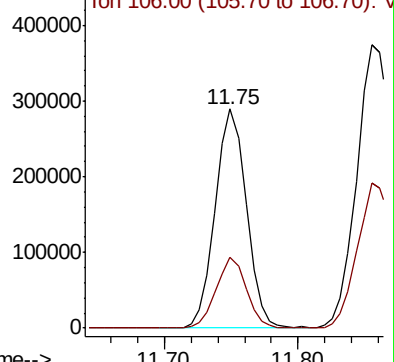
Ion Ratio Lower Upper

91 100

106 32.4 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 42.119 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065270.D

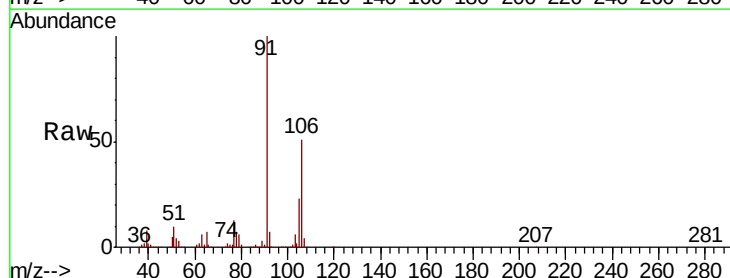
Acq: 21 Feb 2020 12:45

Tgt Ion: 106 Resp: 368013

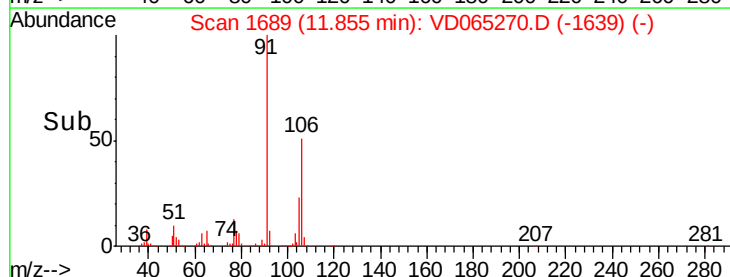
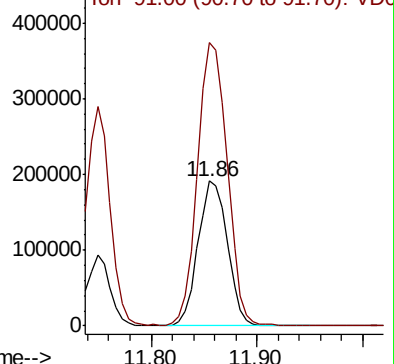
Ion Ratio Lower Upper

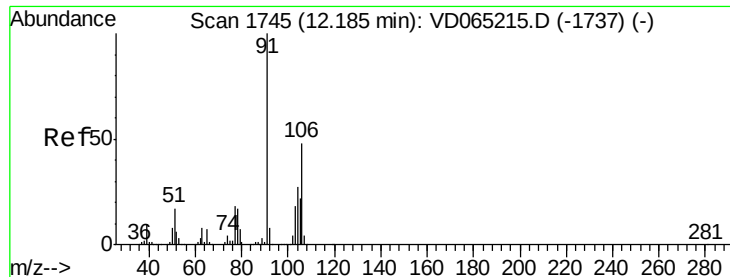
106 100

91 198.0 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): V

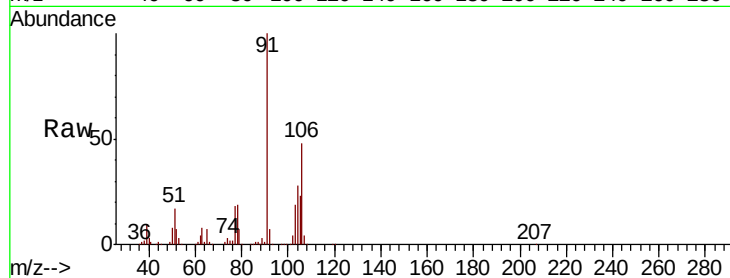




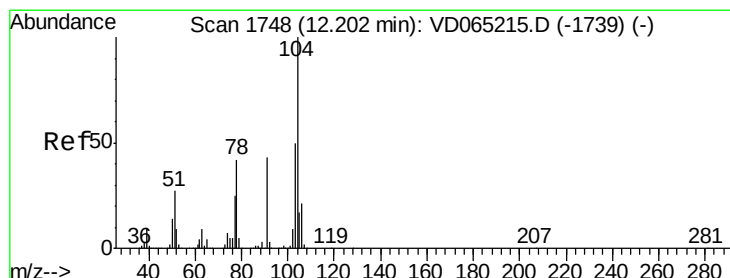
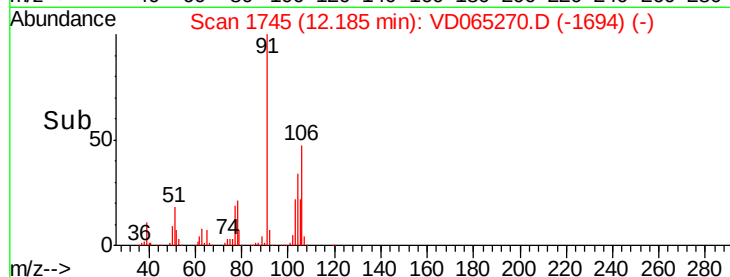
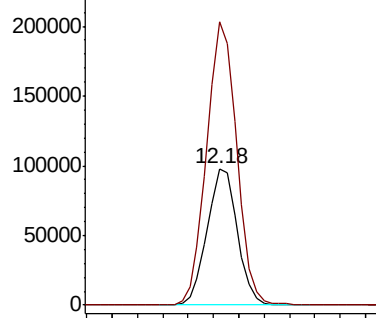
#69
o-Xylene
Concen: 20.862 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 161494
Ion Ratio Lower Upper
106 100
91 207.1 104.7 313.9

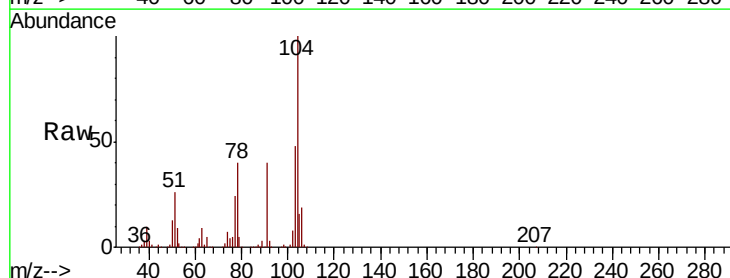


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

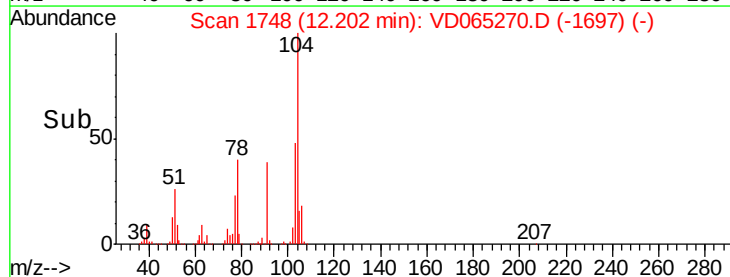
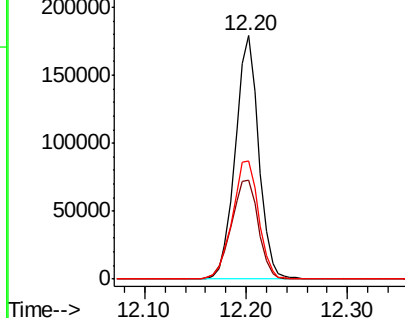


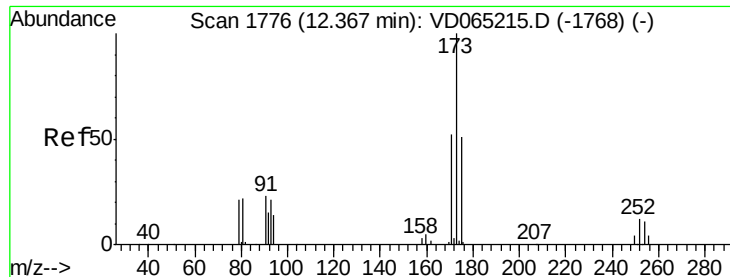
#70
Styrene
Concen: 20.855 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion:104 Resp: 286624
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 54.7 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.865 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

ClientSampleId :

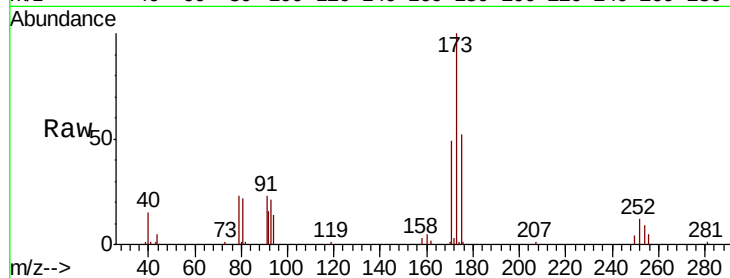
Tot Ion:173 Resp: 53640

Ion Ratio Lower Upper

173 100

175 50.4 24.4 73.4

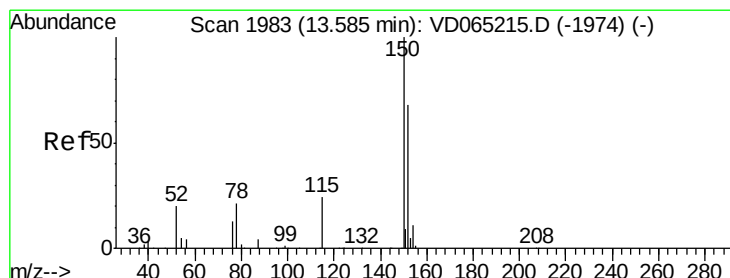
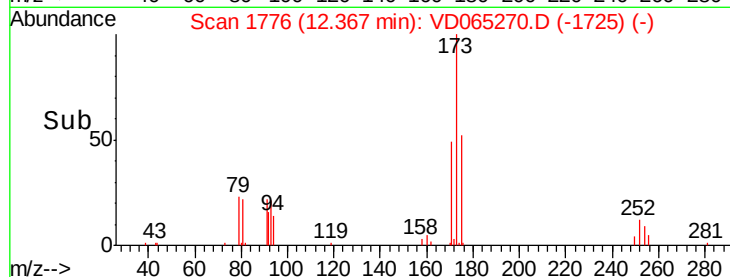
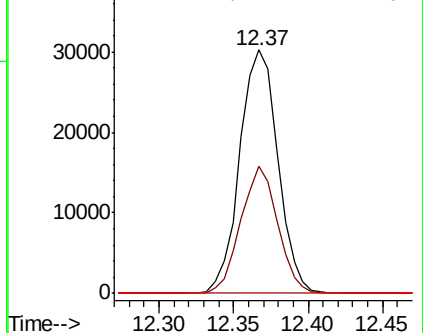
254 0.0 0.0 0.0



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: VD065270.D

Acq: 21 Feb 2020 12:45

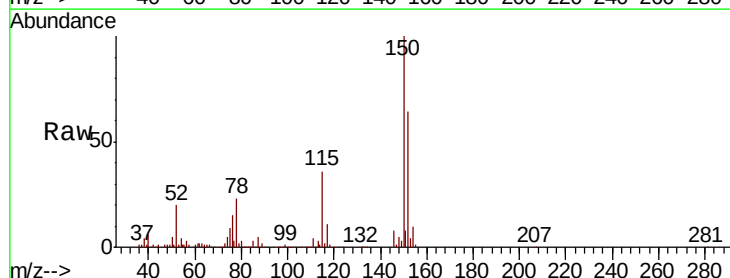
Tgt Ion:152 Resp: 321399

Ion Ratio Lower Upper

152 100

115 55.6 27.6 82.8

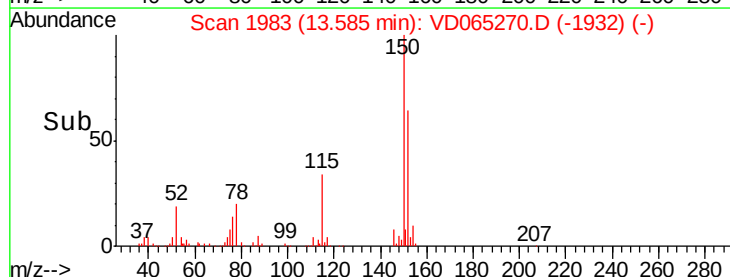
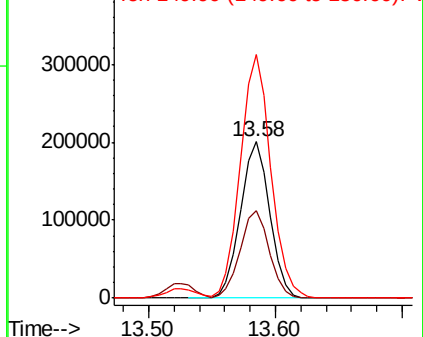
150 161.8 0.0 347.4

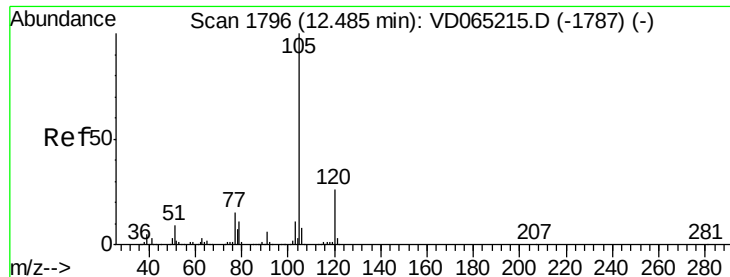


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.542 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

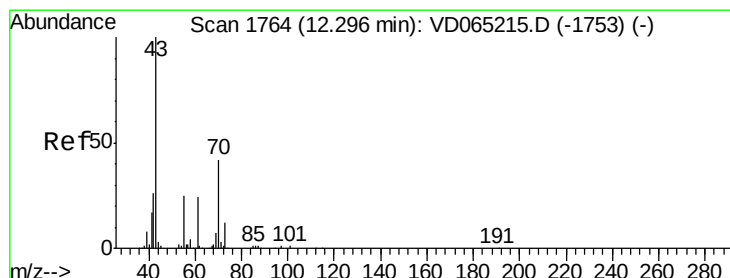
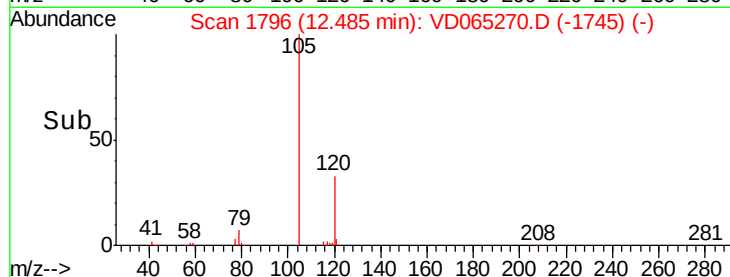
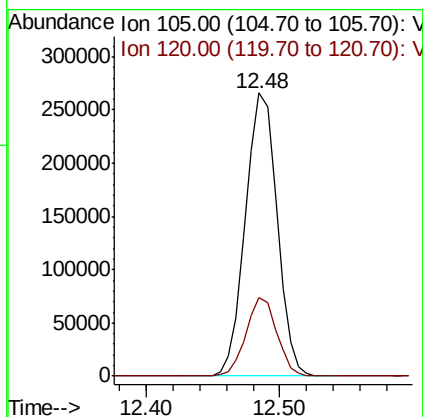
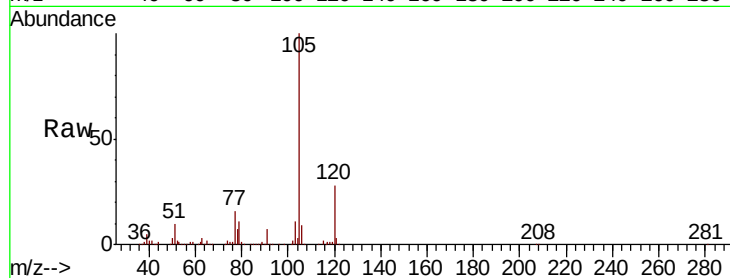
ClientSampleId :

Tot Ion:105 Resp: 437103

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 18.655 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Tgt Ion: 43 Resp: 88201

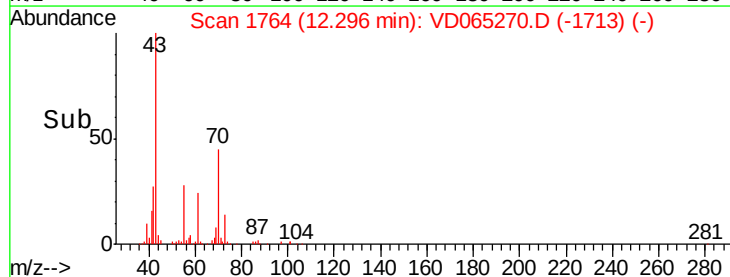
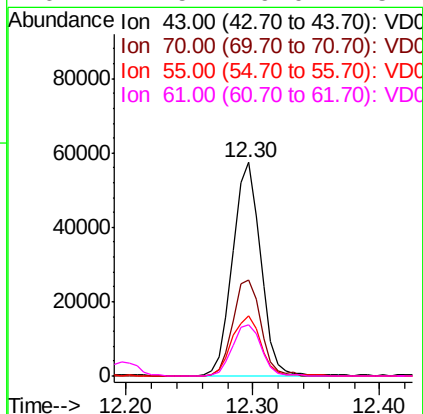
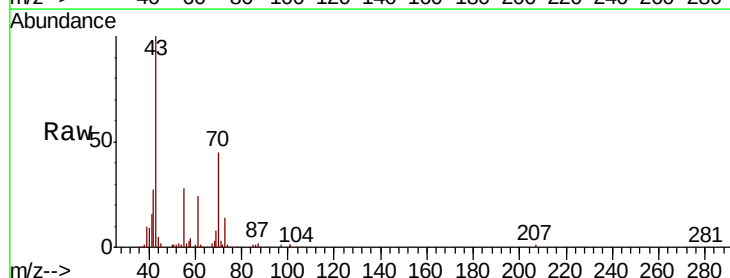
Ion Ratio Lower Upper

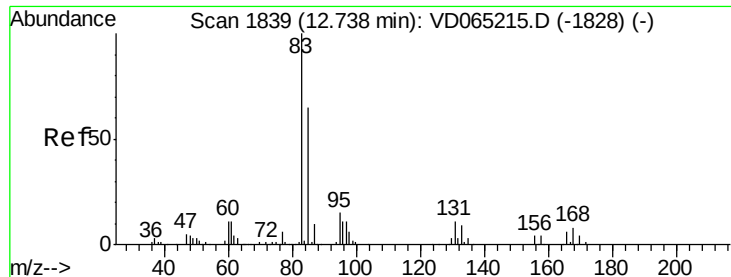
43 100

70 44.6 33.7 50.5

55 29.1 20.7 31.1

61 24.5 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.014 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

ClientSampleId :

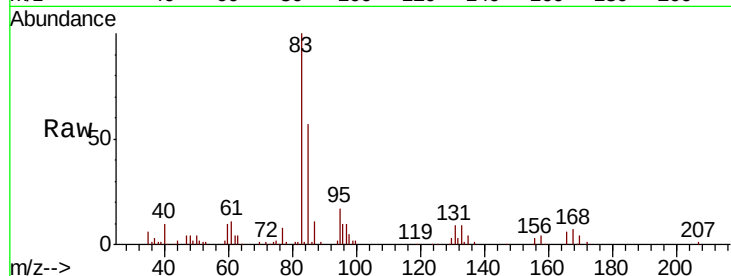
Tot Ion: 83 Resp: 76858

Ion Ratio Lower Upper

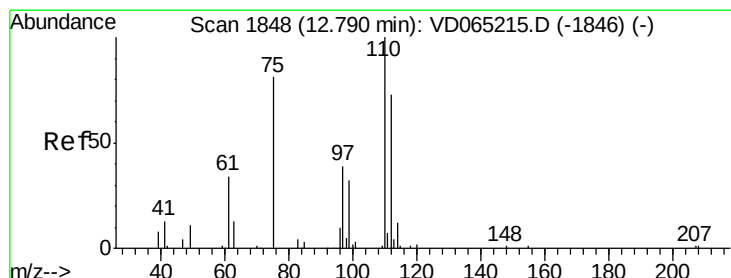
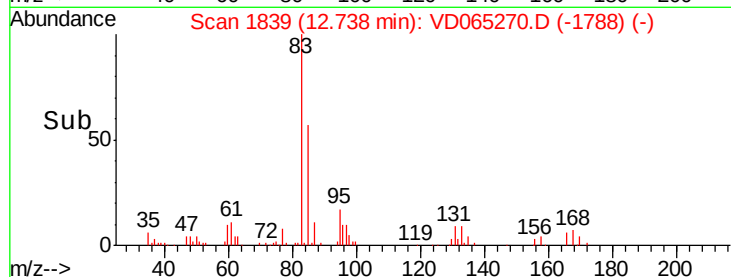
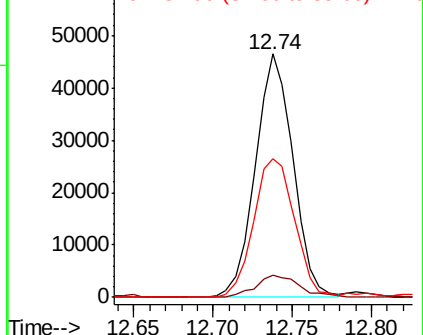
83 100

131 10.5 5.4 16.2

85 61.8 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: 36.866 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065270.D

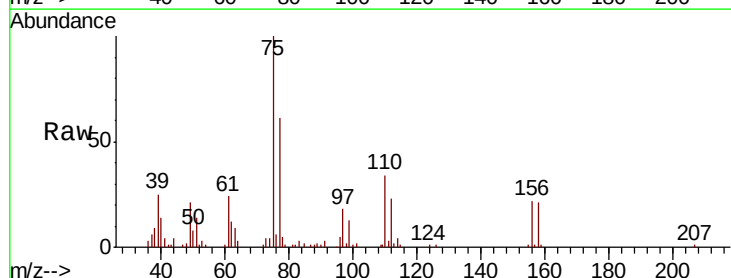
Acq: 21 Feb 2020 12:45

Tgt Ion: 75 Resp: 100812

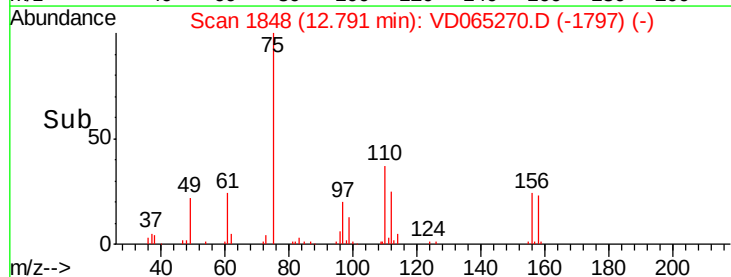
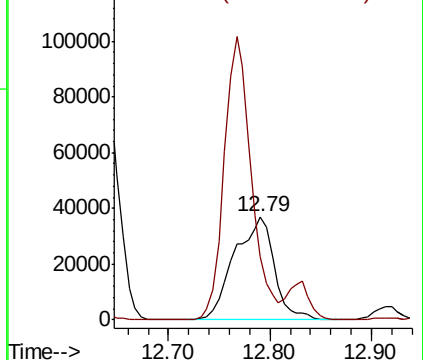
Ion Ratio Lower Upper

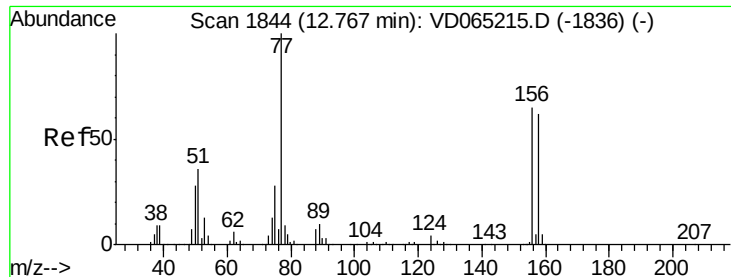
75 100

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: 20.575 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

ClientSampleId :

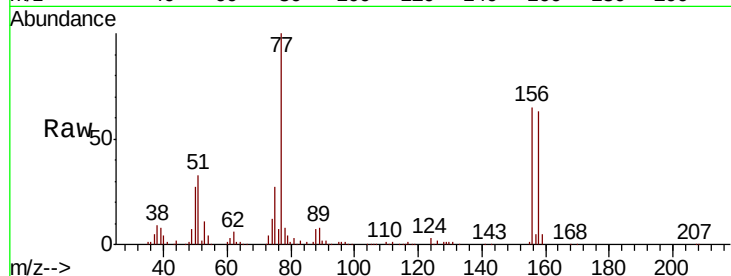
Tot Ion:156 Resp: 108711

Ion Ratio Lower Upper

156 100

77 174.3 86.6 259.7

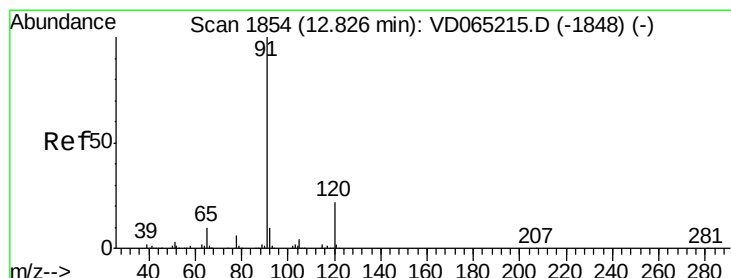
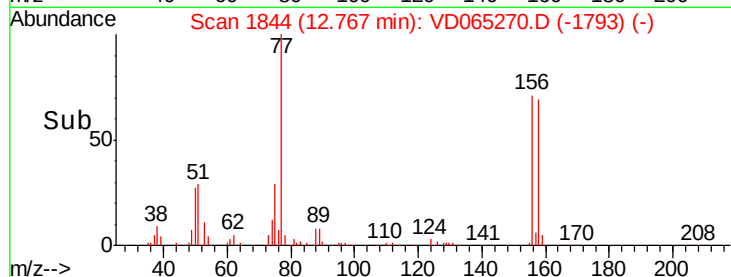
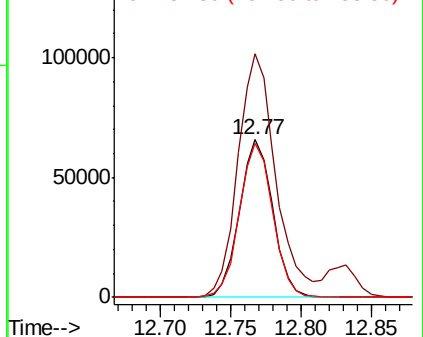
158 97.7 48.1 144.3



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: 21.175 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065270.D

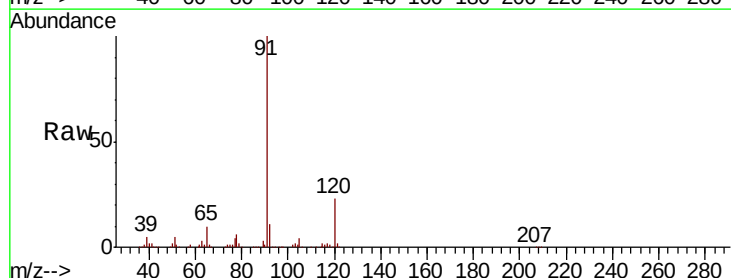
Acq: 21 Feb 2020 12:45

Tgt Ion: 91 Resp: 541441

Ion Ratio Lower Upper

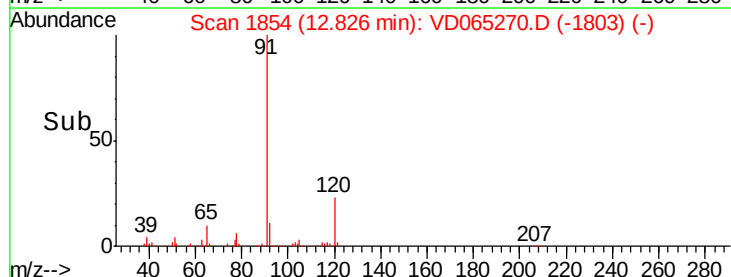
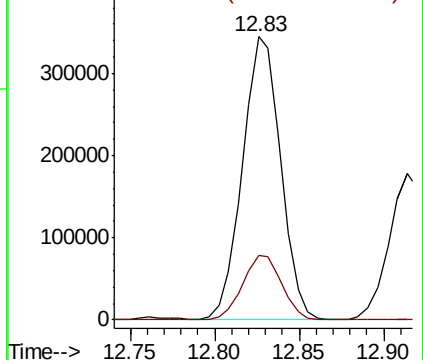
91 100

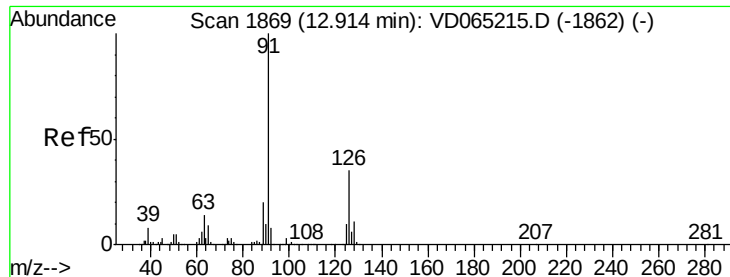
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.419 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

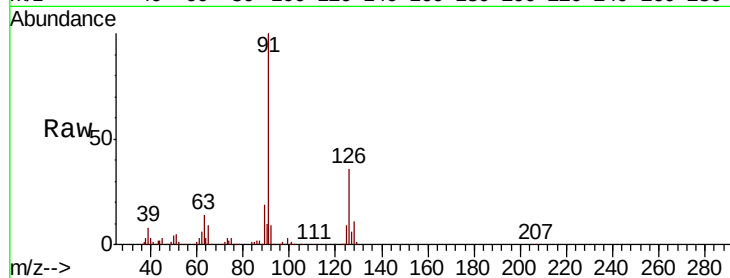
ClientSampleId :

Tot Ion: 91 Resp: 292498

Ion Ratio Lower Upper

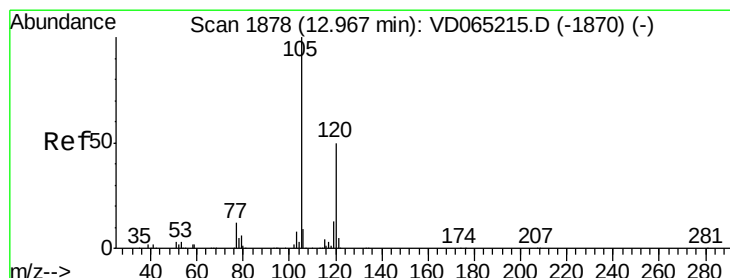
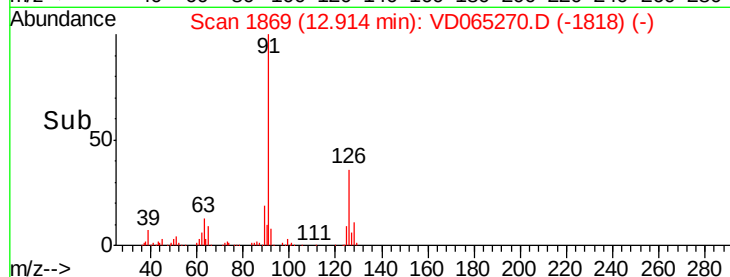
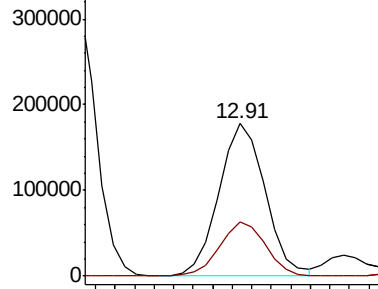
91 100

126 35.5 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.799 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065270.D

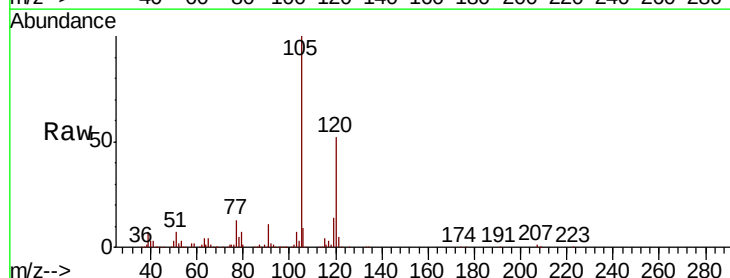
Acq: 21 Feb 2020 12:45

Tgt Ion:105 Resp: 364504

Ion Ratio Lower Upper

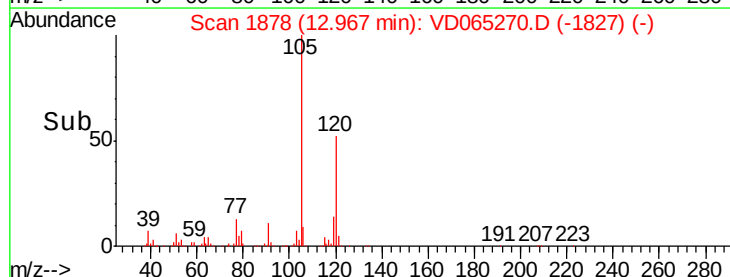
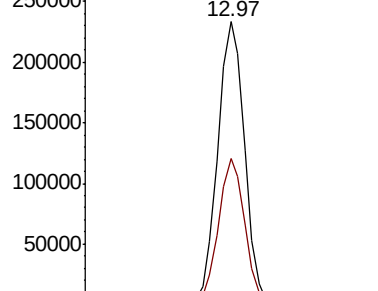
105 100

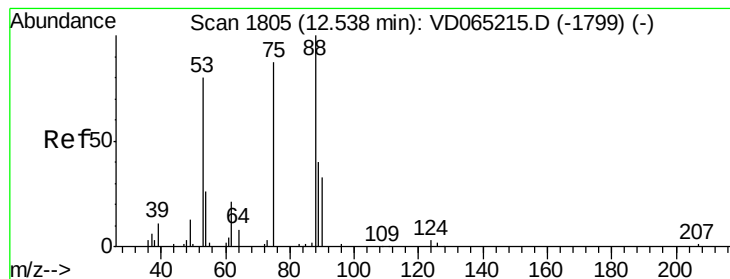
120 51.0 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.899 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

ClientSampleId :

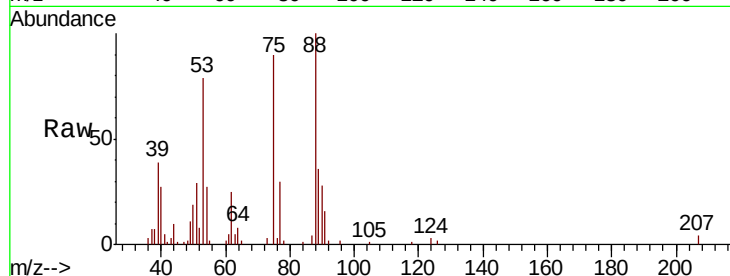
Tot Ion: 75 Resp: 23935

Ion Ratio Lower Upper

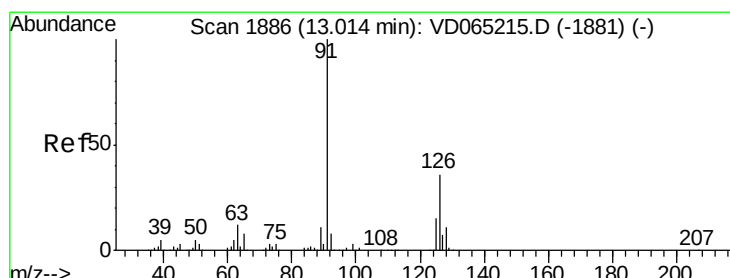
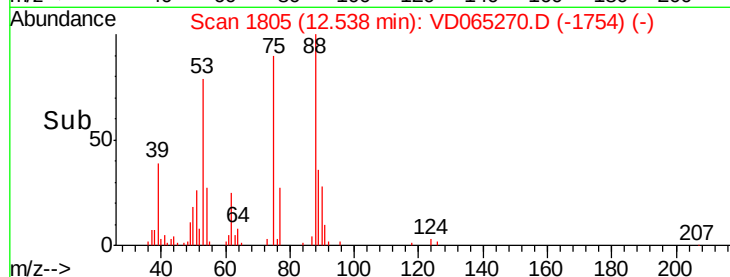
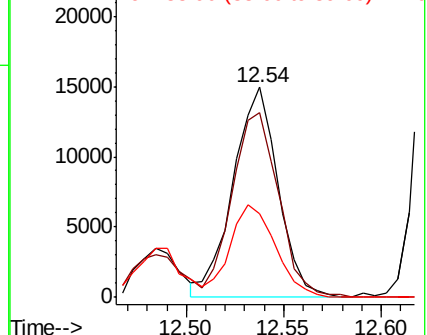
75 100

53 90.6 77.6 116.4

89 44.6 37.2 55.8



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



#82

4-Chlorotoluene

Concen: 20.787 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065270.D

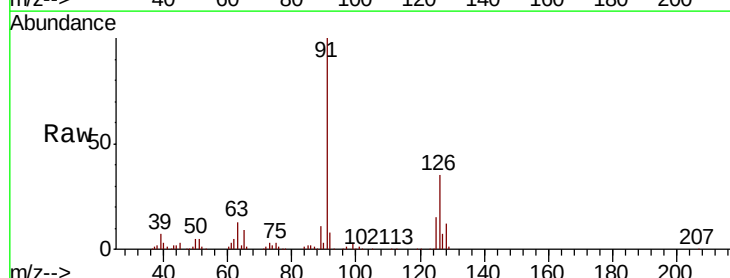
Acq: 21 Feb 2020 12:45

Tgt Ion: 91 Resp: 316126

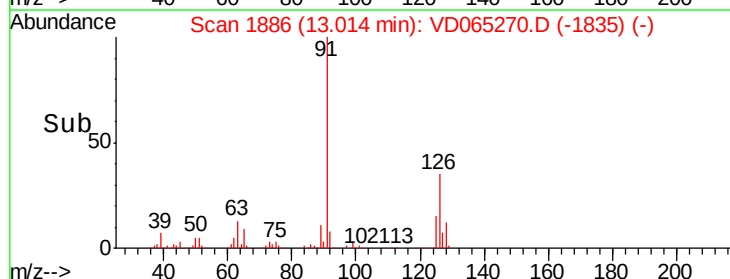
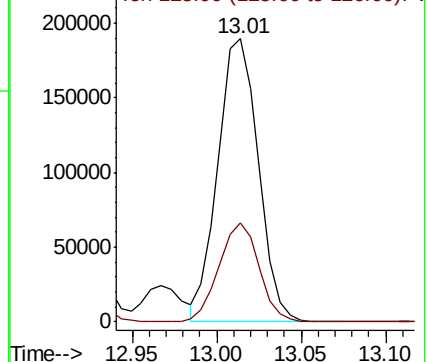
Ion Ratio Lower Upper

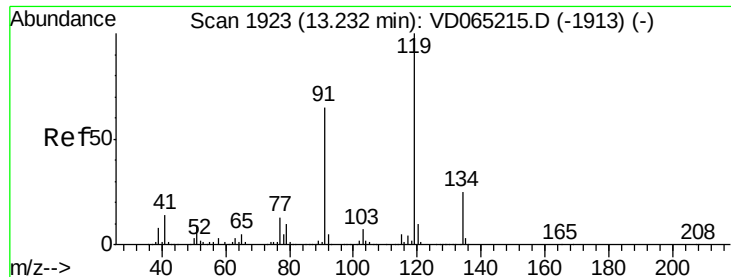
91 100

126 34.7 17.4 52.3



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

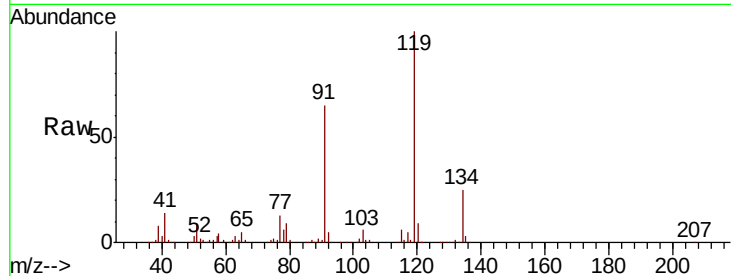




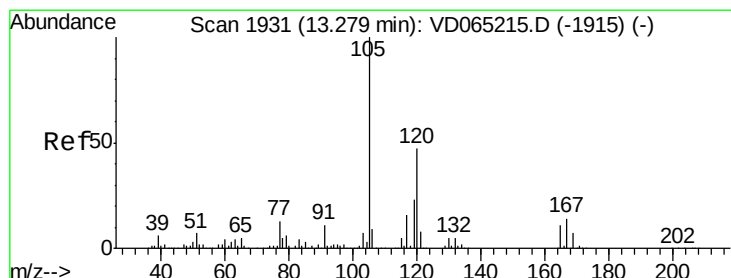
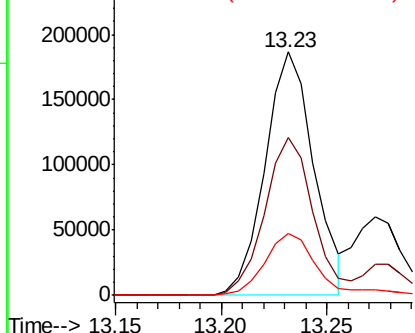
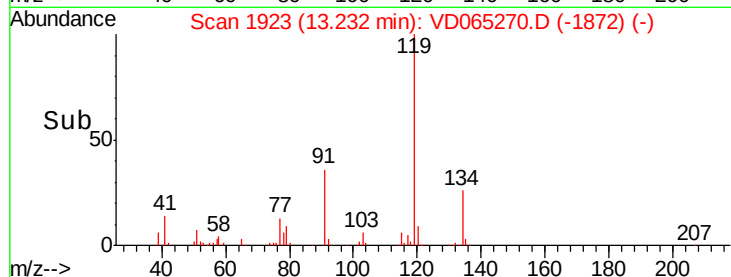
#83
tert-Butylbenzene
Concen: 20.382 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:119 Resp: 299375
Ion Ratio Lower Upper
119 100
91 64.7 31.9 95.5
134 27.6 13.8 41.3

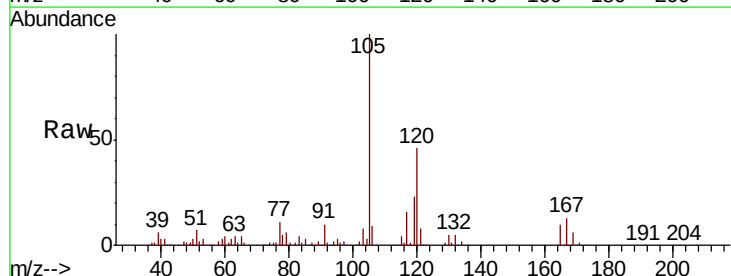


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

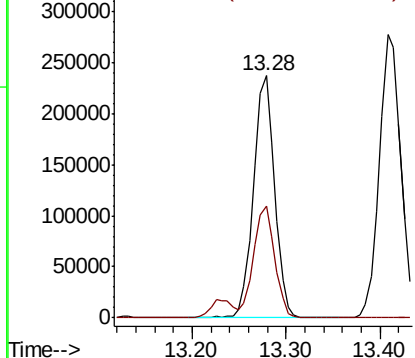
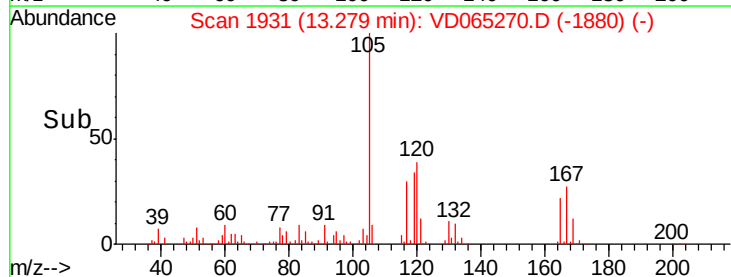


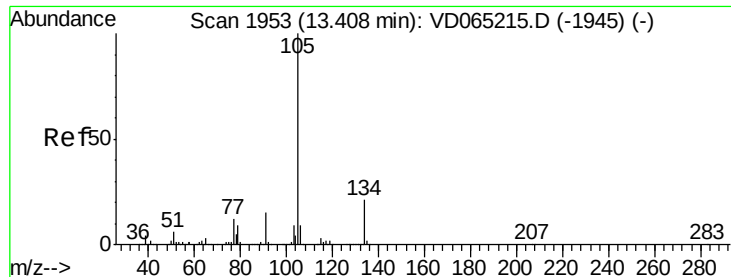
#84
1,2,4-Trimethylbenzene
Concen: 21.084 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion:105 Resp: 369836
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.602 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

Instrument :

MSVOA_D

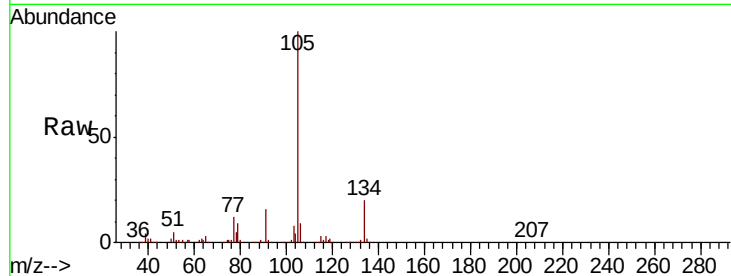
ClientSampled :

Tot Ion:105 Resp: 436043

Ion Ratio Lower Upper

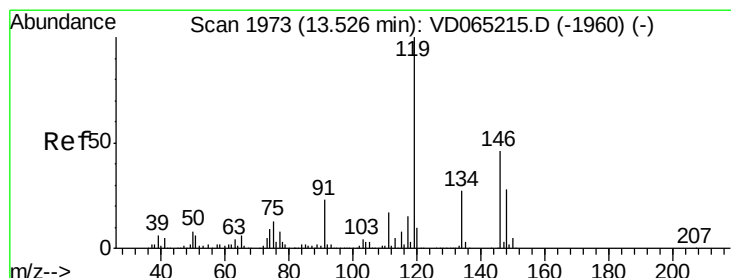
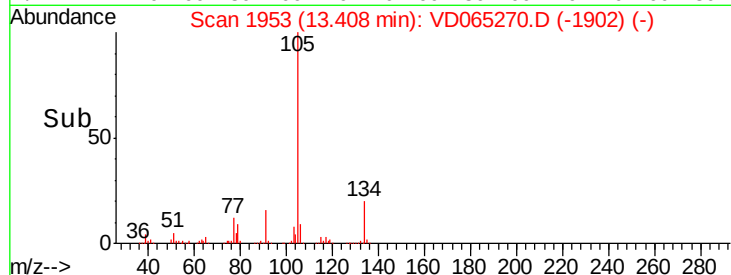
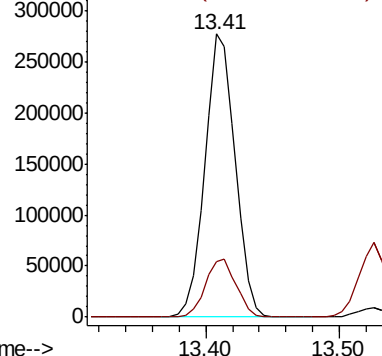
105 100

134 20.6 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: 21.191 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065270.D

Acq: 21 Feb 2020 12:45

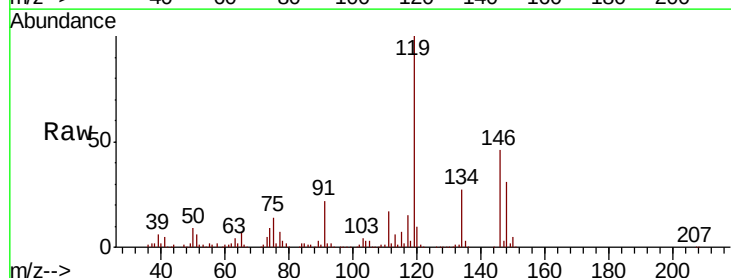
Tgt Ion:119 Resp: 410167

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

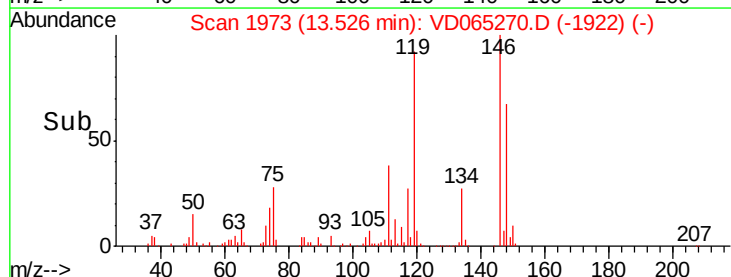
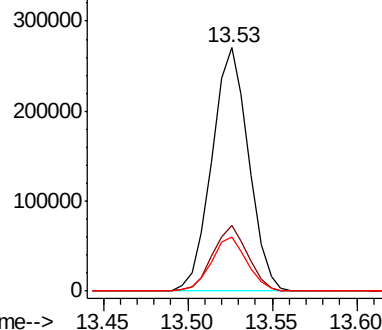
91 21.4 11.1 33.1

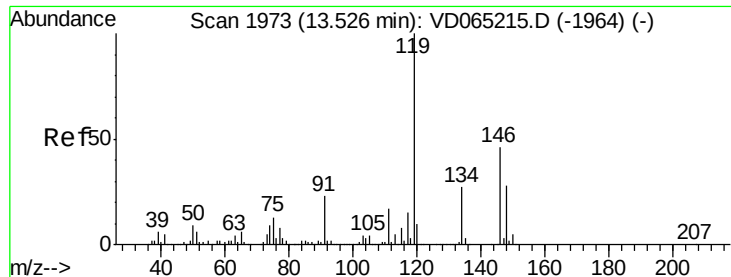


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

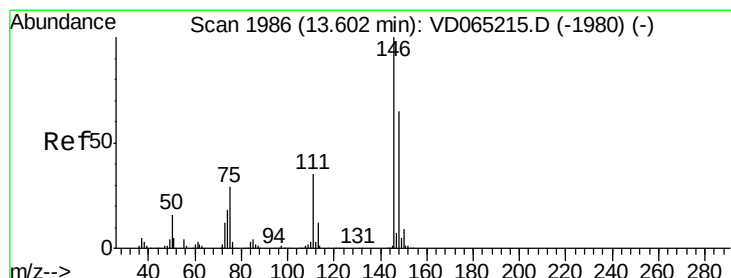
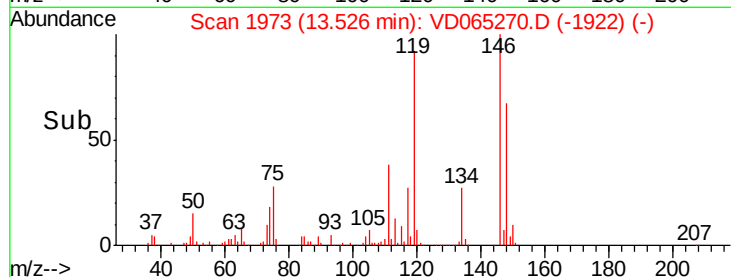
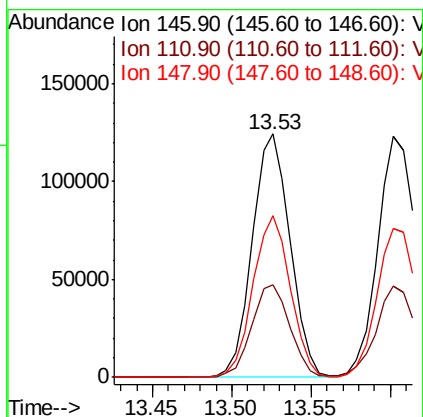
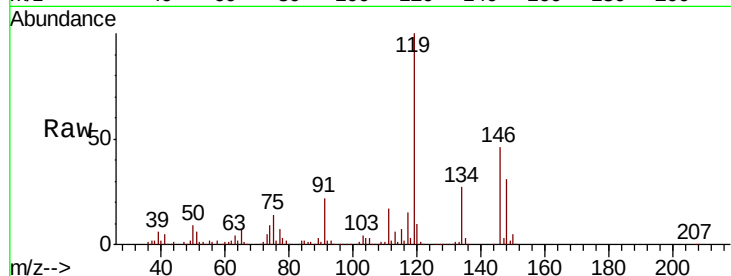




#87
 1,3-Dichlorobenzene
 Concen: 20.222 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

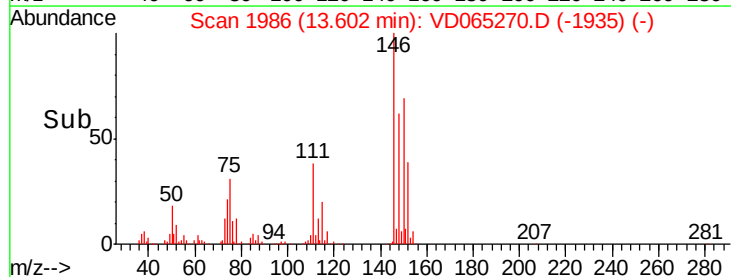
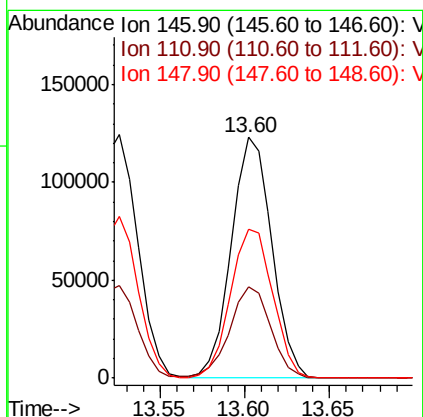
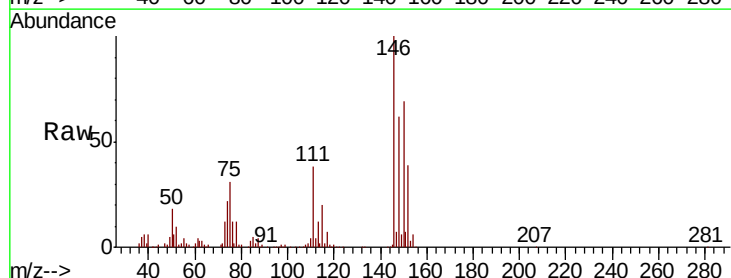
Instrument :
 MSVOA_D
 ClientSampleId :

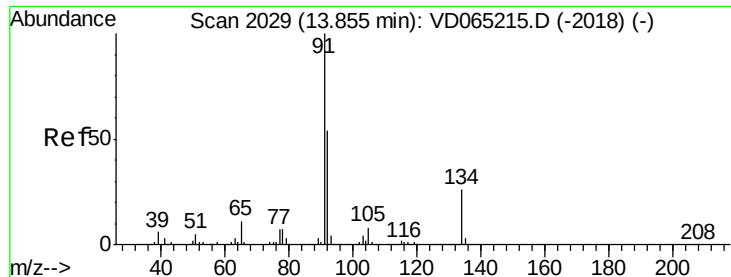
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.8
148	65.7	31.4	94.3



#88
 1,4-Dichlorobenzene
 Concen: 20.440 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.2
148	64.5	32.1	96.5

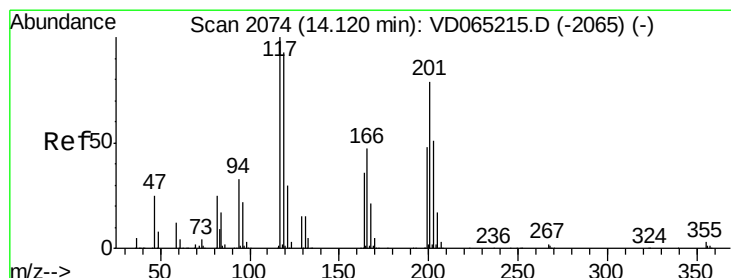
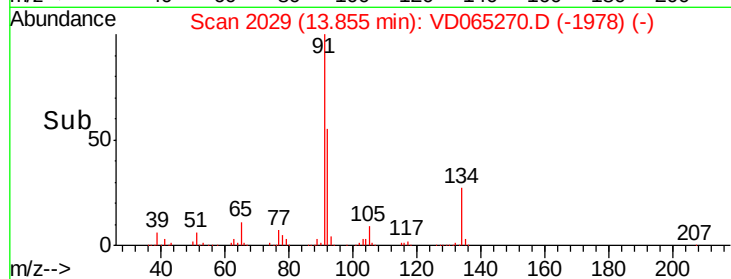
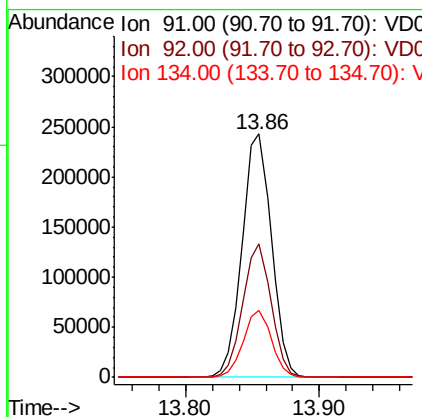
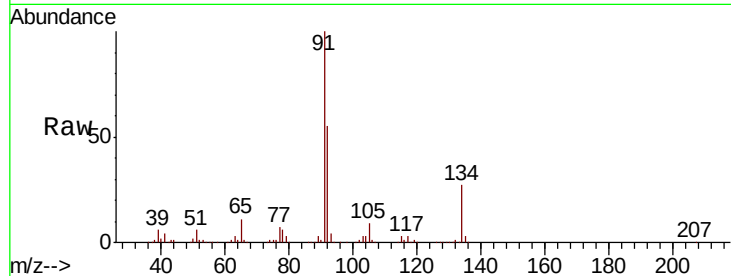




#89
n-Butylbenzene
Concen: 20.674 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

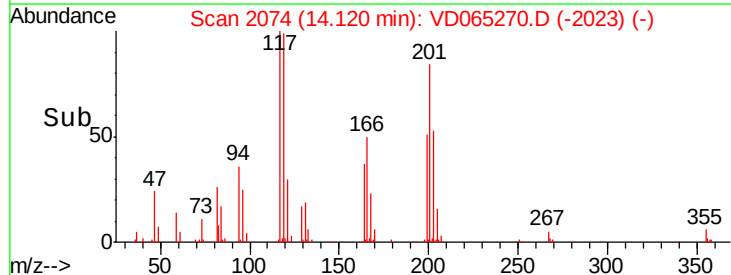
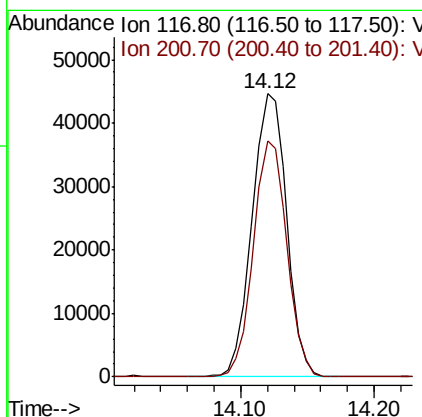
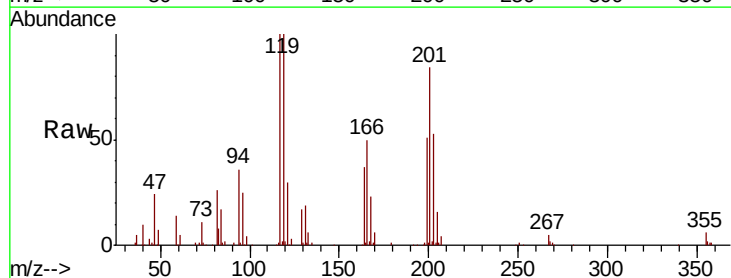
Instrument :
MSVOA_D
ClientSampleId :

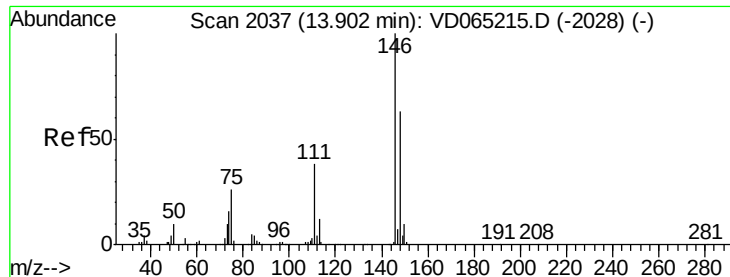
Tot Ion: 91 Resp: 368740
Ion Ratio Lower Upper
91 100
92 52.9 27.0 80.8
134 26.3 13.5 40.4



#90
Hexachloroethane
Concen: 20.272 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion: 117 Resp: 79669
Ion Ratio Lower Upper
117 100
201 80.8 41.3 124.1

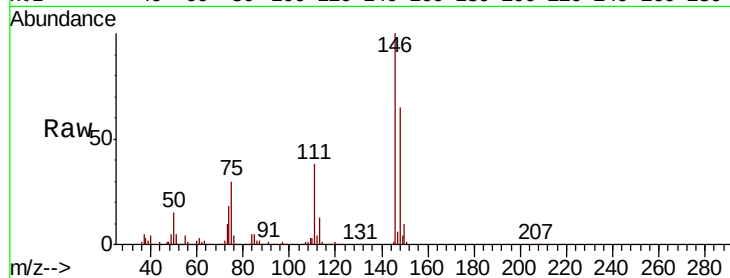




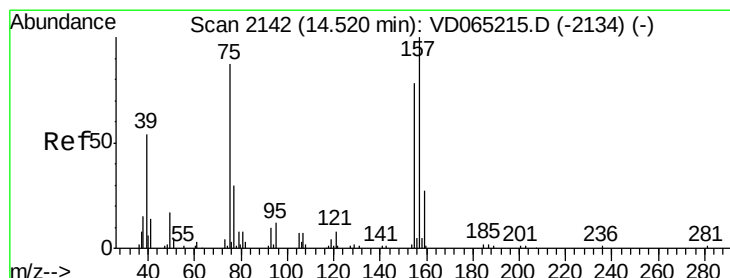
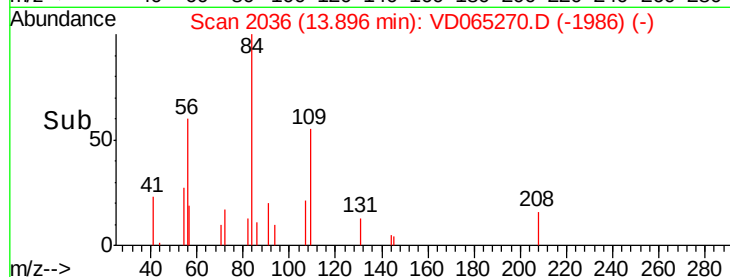
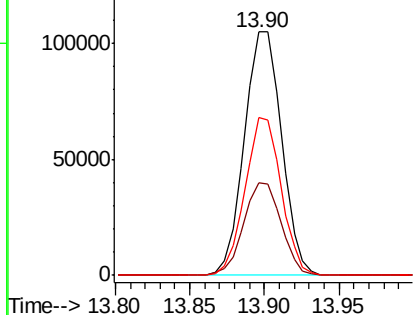
#91
 1,2-Dichlorobenzene
 Concen: 20.708 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.7	59.0
148	62.6	32.0	96.2

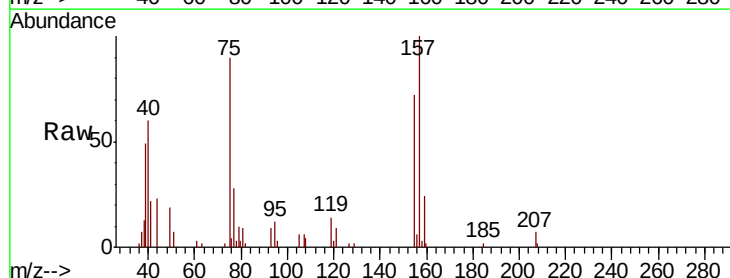


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

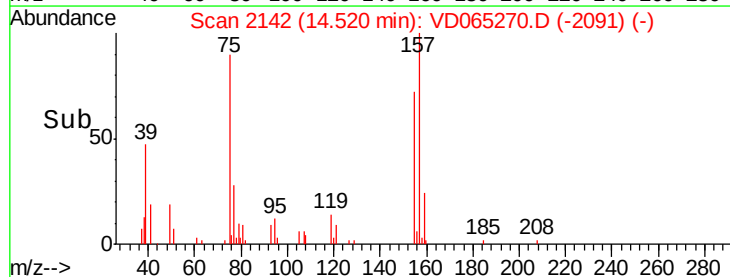
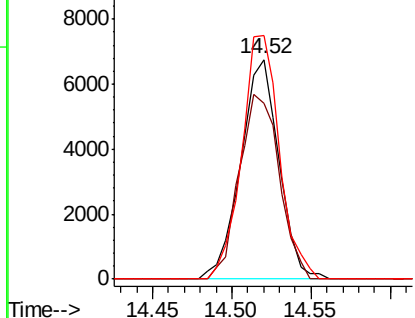


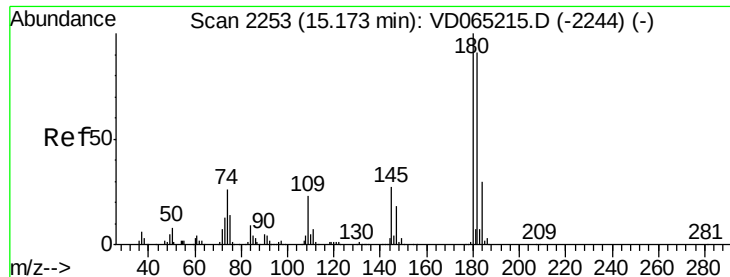
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.103 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	42.3	126.9
157	109.3	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

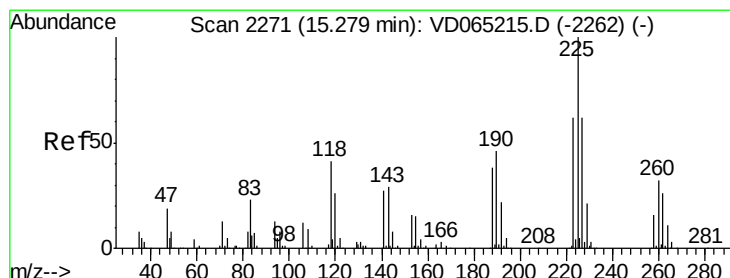
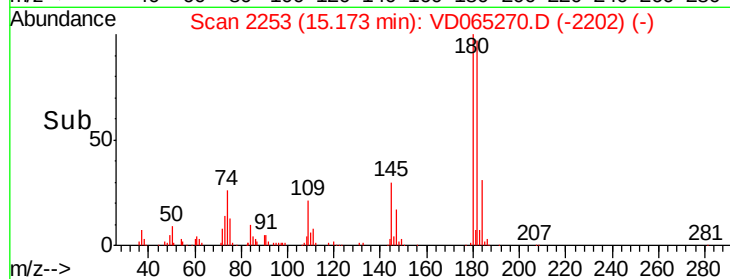
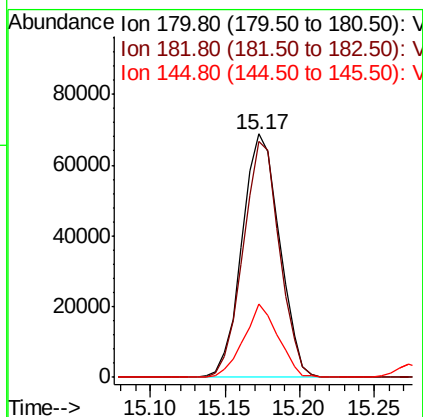
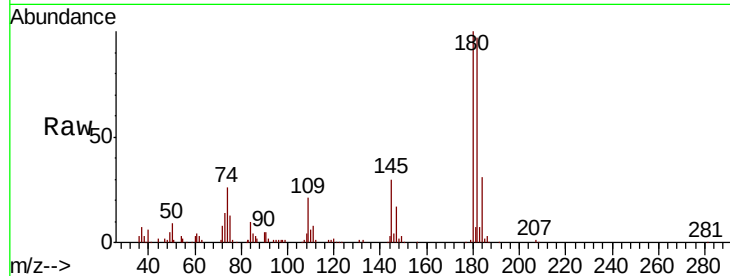




#93
 1,2,4-Trichlorobenzene
 Concen: 20.859 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

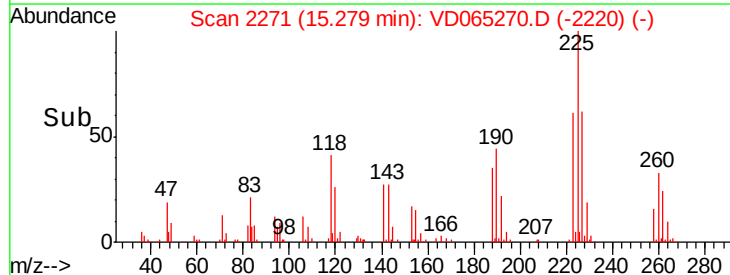
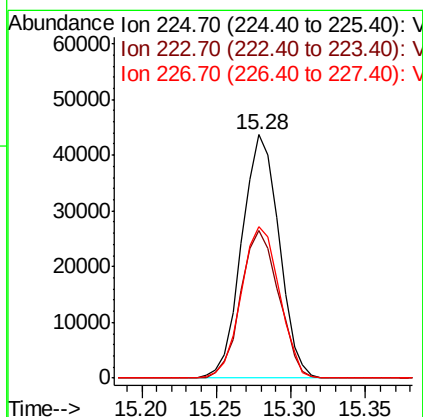
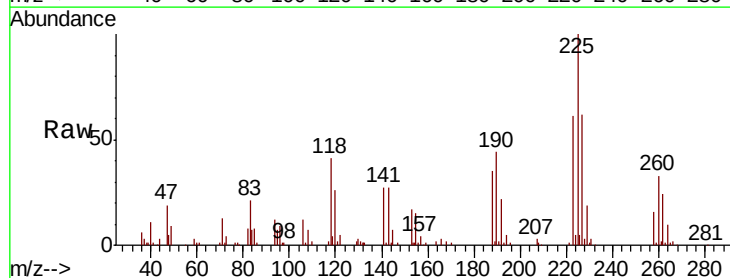
Instrument :
 MSVOA_D
 ClientSampleId :

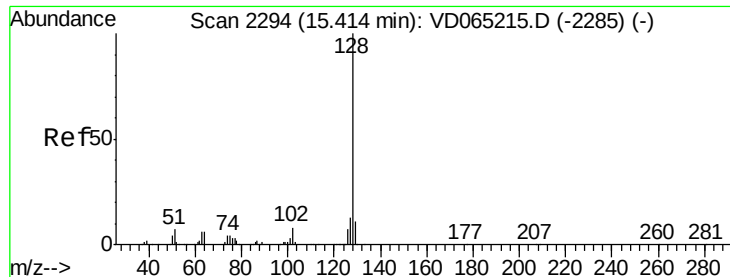
Tot Ion:180 Resp: 119668
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.9 140.6
 145 27.6 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 20.498 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065270.D
 Acq: 21 Feb 2020 12:45

Tgt Ion:225 Resp: 75437
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.4 94.2
 227 63.8 31.7 95.1

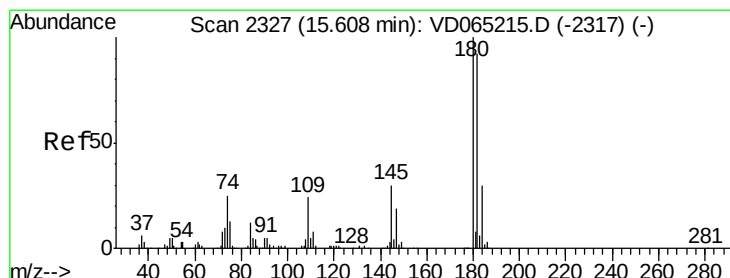
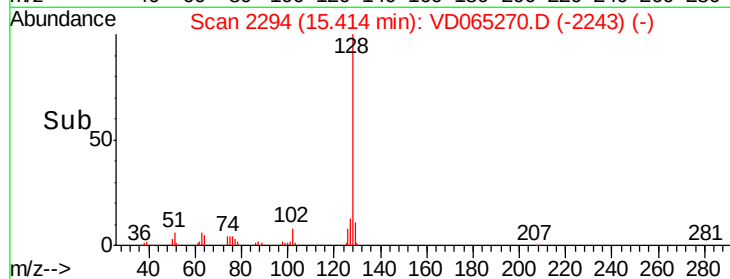
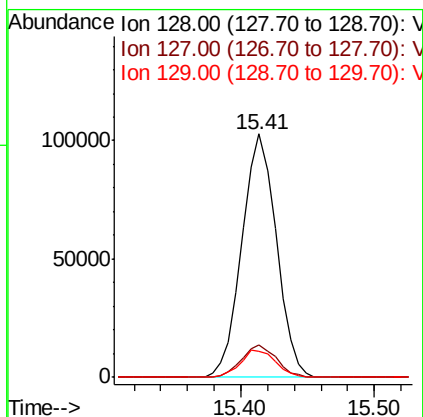
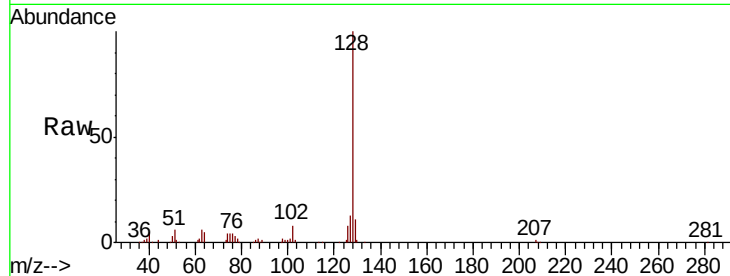




#95
Naphthalene
Concen: 19.698 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:128 Resp: 183711
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.972 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065270.D
Acq: 21 Feb 2020 12:45

Tgt Ion:180 Resp: 105078
Ion Ratio Lower Upper
180 100
182 95.9 46.9 140.6
145 29.8 15.4 46.1

