

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063000.D
 Acq On : 2 Jul 2019 10:20
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 03 00:55:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	914126	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1322799	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	1105588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	569899	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	487787	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
35) Dibromofluoromethane	6.93	113	528013	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
50) Toluene-d8	10.42	98	1169169	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	13.56	95	533523	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	553062	46.754	ug/l	97
3) Chloromethane	1.76	50	400128	44.977	ug/l	96
4) Vinyl Chloride	1.85	62	429807	48.728	ug/l	99
5) Bromomethane	2.16	94	221793	53.692	ug/l	97
6) Chloroethane	2.28	64	216577	54.234	ug/l	96
7) Trichlorofluoromethane	2.54	101	987378	55.312	ug/l	99
8) Diethyl Ether	2.88	74	123236	54.334	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.15	101	515309	53.285	ug/l	98
10) Methyl Iodide	3.31	142	642939	50.392	ug/l	96
11) Tert butyl alcohol	4.10	59	121545	268.578	ug/l #	88
12) 1,1-Dichloroethene	3.13	96	381626	52.603	ug/l	91
13) Acrolein	3.04	56	107077	231.768	ug/l	94
14) Allyl chloride	3.63	41	563841	52.599	ug/l	97
15) Acrylonitrile	4.21	53	296874	279.182	ug/l	95
16) Acetone	3.23	43	587063	292.534	ug/l	98
17) Carbon Disulfide	3.38	76	1066324	45.990	ug/l	97
18) Methyl Acetate	3.66	43	161229	53.751	ug/l	92
19) Methyl tert-butyl Ether	4.26	73	870656	55.437	ug/l	100
20) Methylene Chloride	3.82	84	402764	53.150	ug/l	95
21) trans-1,2-Dichloroethene	4.23	96	420775	54.471	ug/l	99
22) Diisopropyl ether	5.14	45	1191168	54.640	ug/l	91
23) Vinyl Acetate	5.07	43	3846836	281.998	ug/l	99
24) 1,1-Dichloroethane	4.99	63	783059	55.170	ug/l	100
25) 2-Butanone	6.09	43	564462	303.734	ug/l	98
26) 2,2-Dichloropropane	6.04	77	830127	55.178	ug/l	97
27) cis-1,2-Dichloroethene	6.05	96	442553	54.176	ug/l	93
28) Bromochloromethane	6.45	49	288083	57.628	ug/l	93
29) Tetrahydrofuran	6.47	42	251043	285.508	ug/l	98
30) Chloroform	6.68	83	957950	55.496	ug/l	97
31) Cyclohexane	6.97	56	486914	52.183	ug/l	99
32) 1,1,1-Trichloroethane	6.88	97	991165	55.128	ug/l	92
36) 1,1-Dichloropropene	7.16	75	611083	48.800	ug/l	96
37) Ethyl Acetate	6.20	43	242297	45.974	ug/l	96
38) Carbon Tetrachloride	7.12	117	1038295	55.132	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	537212	48.738	ug/l	95
40) Benzene	7.46	78	1271509	50.586	ug/l	96
41) Methacrylonitrile	6.47	41	344035	52.097	ug/l #	92
42) 1,2-Dichloroethane	7.59	62	701937	51.191	ug/l	98
43) Isopropyl Acetate	9.25	43	344464	52.470	ug/l #	98
44) Trichloroethene	8.55	130	521275	52.898	ug/l	96
45) 1,2-Dichloropropane	8.95	63	318052	50.887	ug/l	99
46) Dibromomethane	9.07	93	280161	52.181	ug/l	98
47) Bromodichloromethane	9.38	83	740887	53.134	ug/l	97
48) Methyl methacrylate	9.13	41	229865	49.272	ug/l	96
49) 1,4-Dioxane	9.10	88	40386	1040.520	ug/l	96
51) 4-Methyl-2-Pentanone	10.31	43	1273537	273.614	ug/l	98
52) Toluene	10.52	92	849789	50.294	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	628787	55.095	ug/l	96
54) cis-1,3-Dichloropropene	10.04	75	655015	52.803	ug/l	98
55) 1,1,2-Trichloroethane	11.20	97	308860	53.206	ug/l	92
56) Ethyl methacrylate	11.05	69	322142	51.928	ug/l	93
57) 1,3-Dichloropropane	11.42	76	465647	52.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.87	63	847889	266.224	ug/l	98
59) 2-Hexanone	11.54	43	930389	280.670	ug/l	97
60) Dibromochloromethane	11.70	129	584099	54.021	ug/l	95
61) 1,2-Dibromoethane	11.82	107	378060	55.144	ug/l	98
64) Tetrachloroethene	11.26	164	443805	48.774	ug/l	95
65) Chlorobenzene	12.41	112	1111772	54.184	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	524753	54.687	ug/l	94
67) Ethyl Benzene	12.52	91	1949388	52.917	ug/l	97
68) m/p-Xylenes	12.67	106	1388049	108.183	ug/l	95
69) o-Xylene	13.06	106	626543	53.418	ug/l	96
70) Styrene	13.08	104	1095966	53.198	ug/l	96
71) Bromoform	13.24	173	360834	54.885	ug/l	97
73) Isopropylbenzene	13.41	105	1946881	53.280	ug/l	97
74) N-amyl acetate	13.27	43	550513	62.038	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.71	83	363588	61.069	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	380342	57.811	ug/l	99
77) Bromobenzene	13.68	156	550072	55.967	ug/l	96
78) n-propylbenzene	13.78	91	2300006	54.079	ug/l	96
79) 2-Chlorotoluene	13.84	91	1379268	56.748	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	1681289	54.778	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.48	75	108163	62.730	ug/l	95
82) 4-Chlorotoluene	13.95	91	1632920	55.805	ug/l	100
83) tert-Butylbenzene	14.19	119	1913759	55.938	ug/l	92
84) 1,2,4-Trimethylbenzene	14.24	105	1736489	55.199	ug/l	97
85) sec-Butylbenzene	14.38	105	2086209	56.105	ug/l	100
86) p-Isopropyltoluene	14.49	119	1810208	53.214	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	1032916	58.628	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	928760	52.485	ug/l	96
89) n-Butylbenzene	14.80	91	1727431	54.255	ug/l	97
90) Hexachloroethane	15.02	117	538179	58.842	ug/l	86
91) 1,2-Dichlorobenzene	14.81	146	801416	53.166	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	61576	52.989	ug/l	89

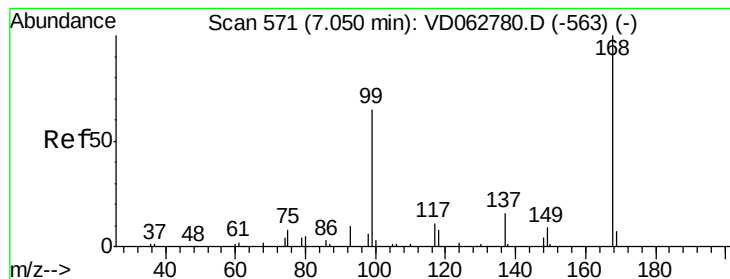
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070219\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	599834	50.941	ug/l	98
94) Hexachlorobutadiene	16.04	225	475649	52.876	ug/l	98
95) Naphthalene	16.13	128	897653	54.390	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	501752	55.459	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

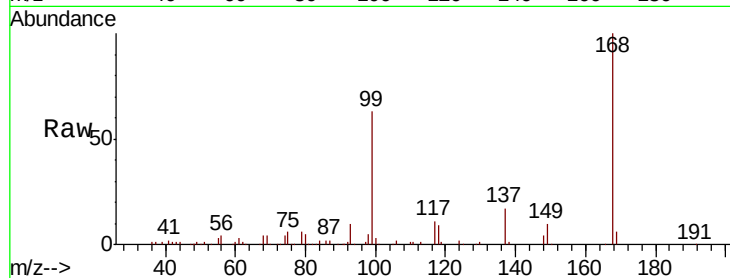
ClientSampleId :

Tot Ion:168 Resp: 914126

Ion Ratio Lower Upper

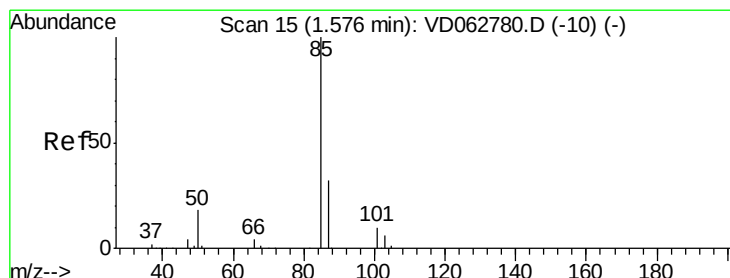
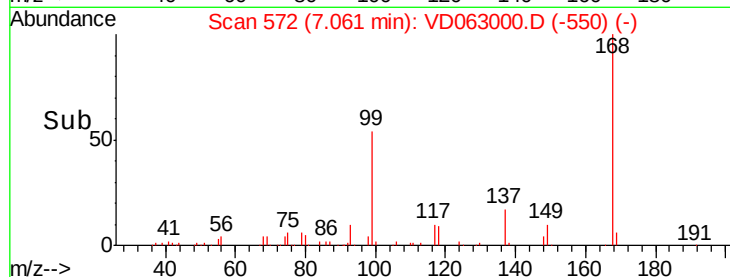
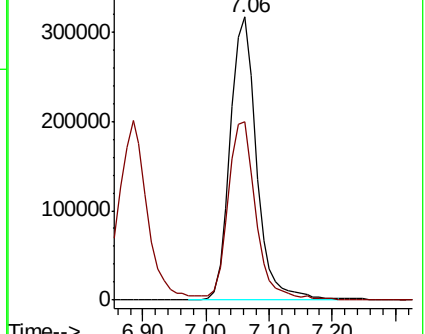
168 100

99 63.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 46.754 ug/l

RT: 1.58 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD063000.D

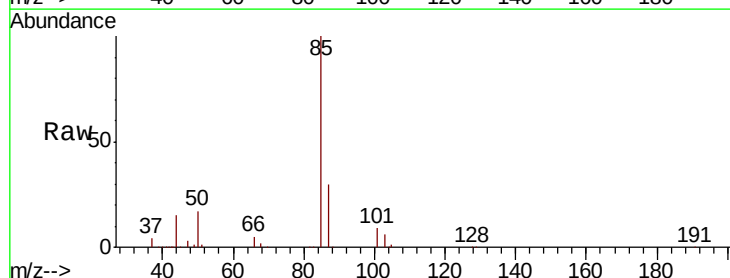
Acq: 2 Jul 2019 10:20

Tgt Ion: 85 Resp: 553062

Ion Ratio Lower Upper

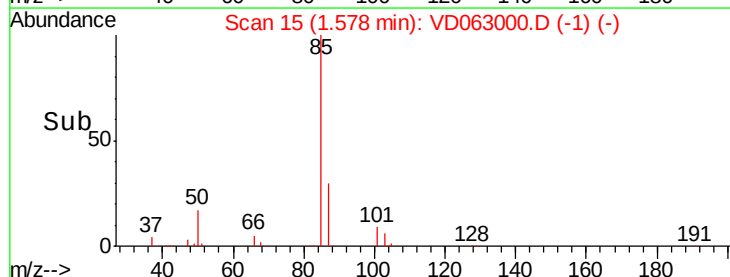
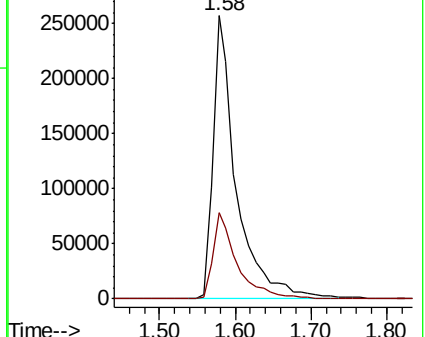
85 100

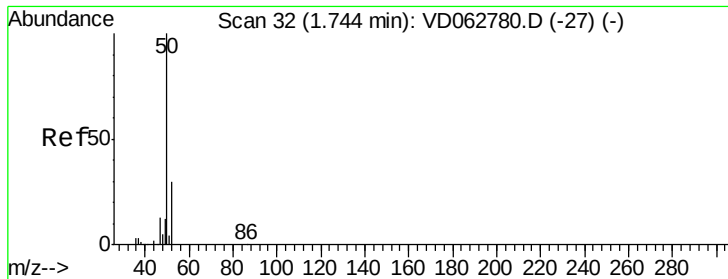
87 30.3 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

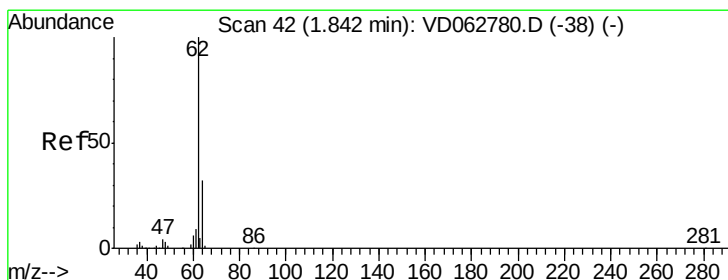
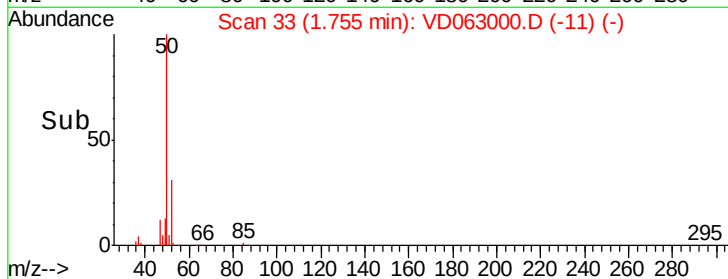
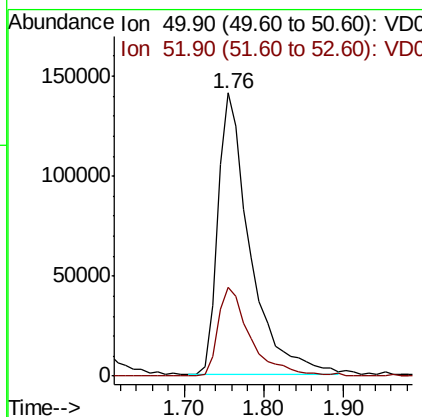
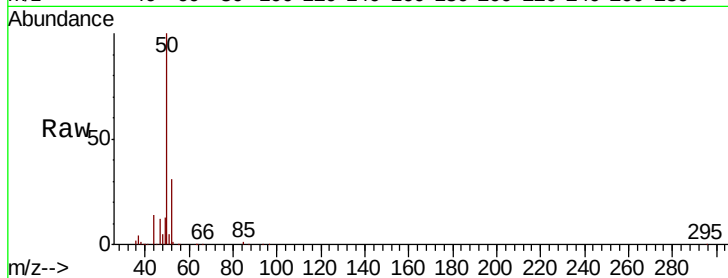




#3
Chloromethane
Concen: 44.977 ug/l
RT: 1.76 min Scan# 33
Delta R.T. 0.01 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

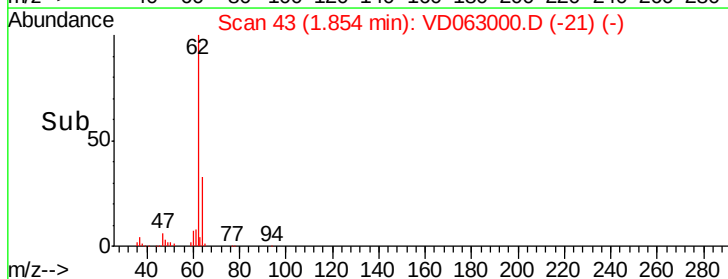
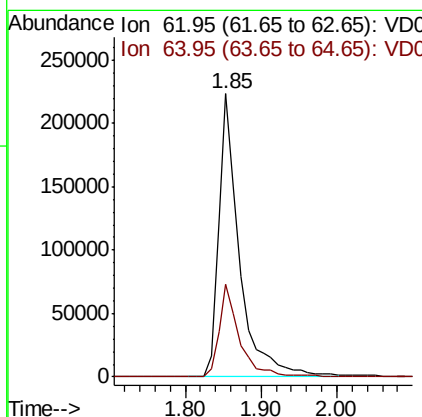
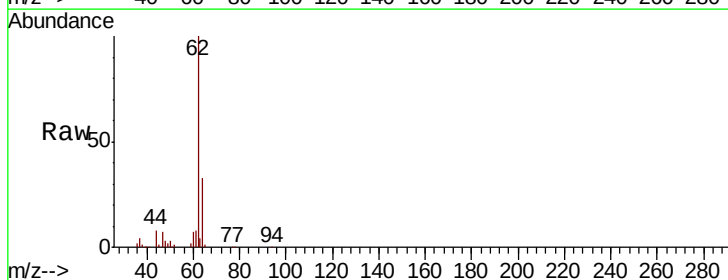
Instrument :
MSVOA_D
ClientSampleId :

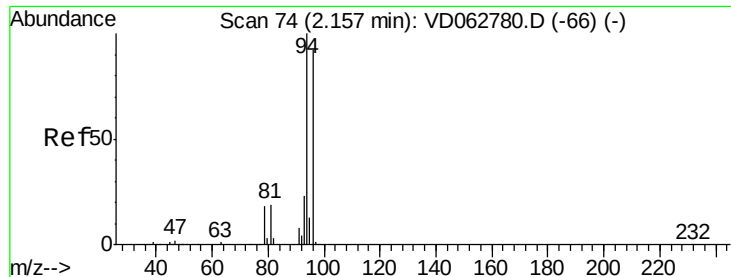
Tot Ion: 50 Resp: 400128
Ion Ratio Lower Upper
50 100
52 31.5 23.6 35.4



#4
Vinyl Chloride
Concen: 48.728 ug/l
RT: 1.85 min Scan# 43
Delta R.T. 0.01 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 62 Resp: 429807
Ion Ratio Lower Upper
62 100
64 32.5 25.6 38.4





#5

Bromomethane

Concen: 53.692 ug/l

RT: 2.16 min Scan# 74

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampleId :

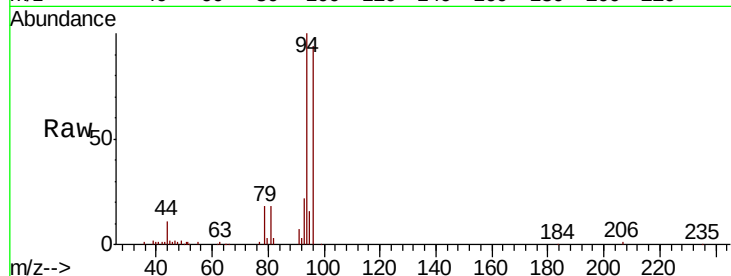
Tot Ion: 94 Resp: 221793

Ion Ratio Lower Upper

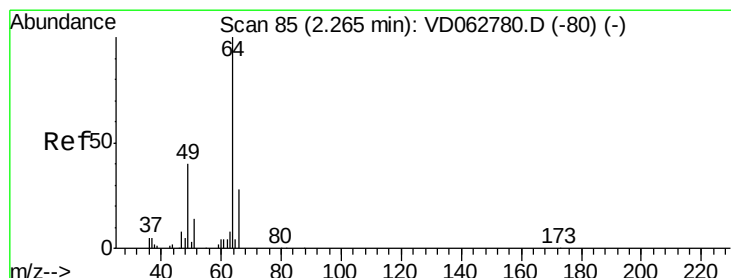
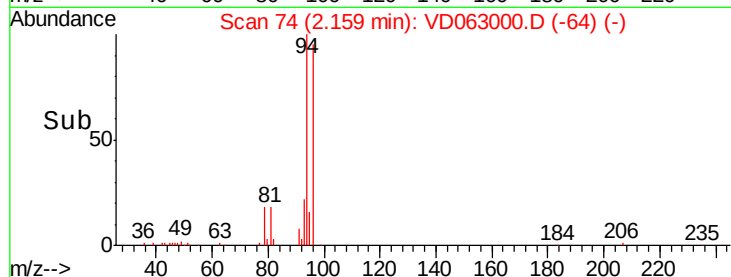
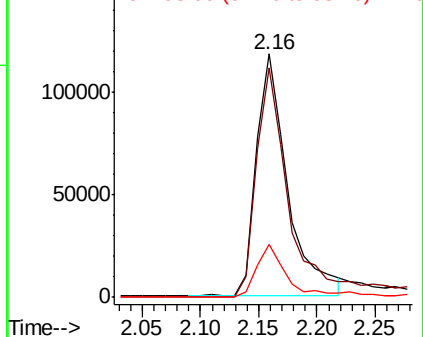
94 100

96 94.4 73.4 110.2

93 21.8 18.2 27.4



Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 54.234 ug/l

RT: 2.28 min Scan# 86

Delta R.T. 0.01 min

Lab File: VD063000.D

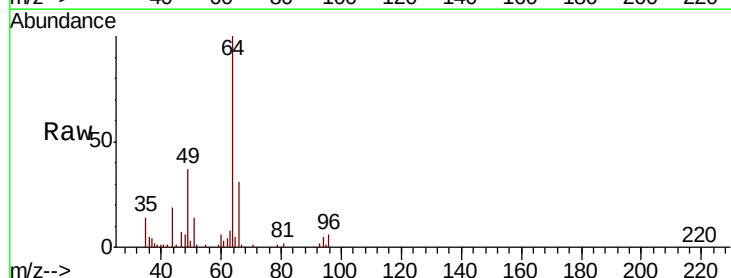
Acq: 2 Jul 2019 10:20

Tgt Ion: 64 Resp: 216577

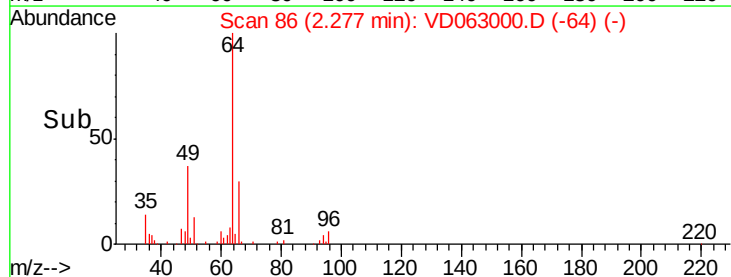
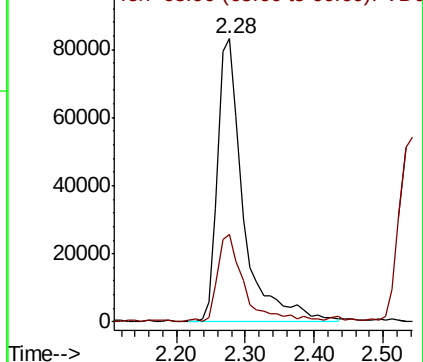
Ion Ratio Lower Upper

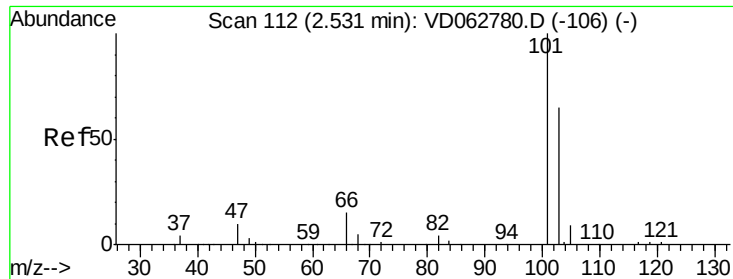
64 100

66 30.9 23.0 34.4



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC



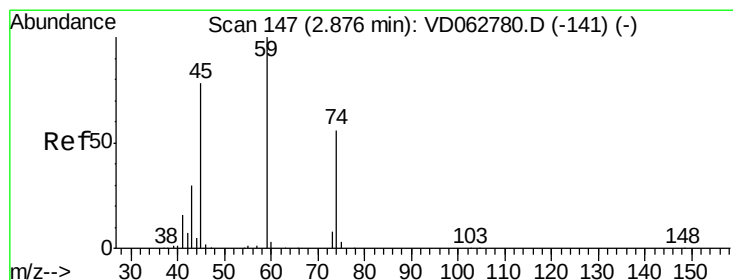
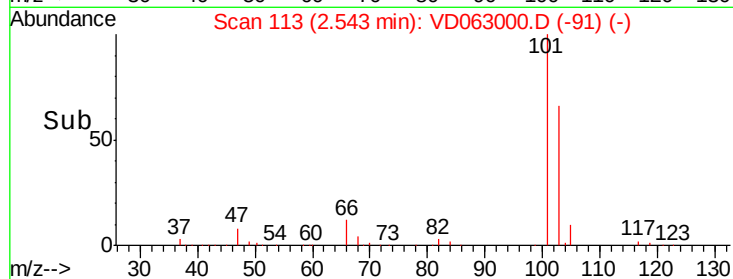
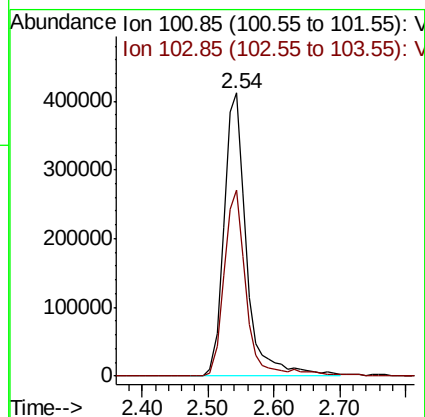
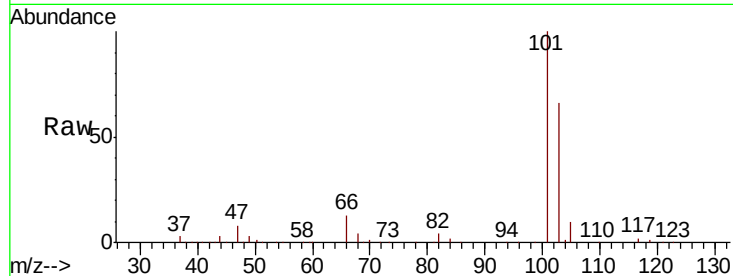


#7

Trichlorofluoromethane
Concen: 55.312 ug/l
RT: 2.54 min Scan# 113
Delta R.T. 0.01 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampleId :

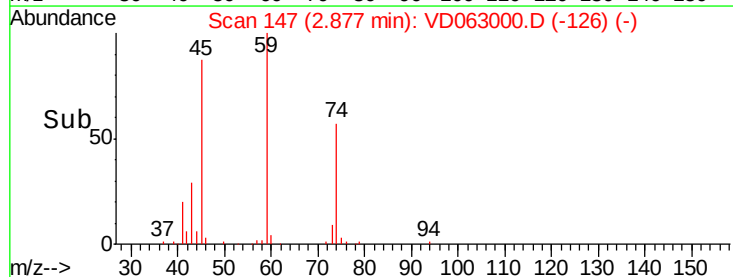
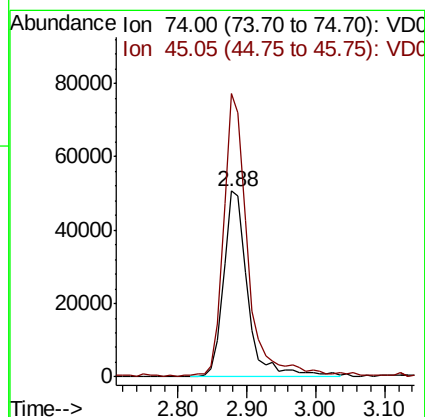
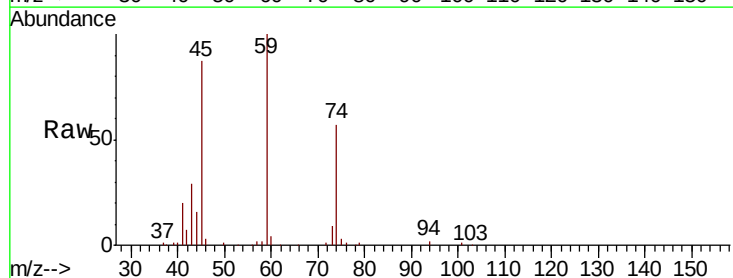
Tot Ion:101 Resp: 987378
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.8

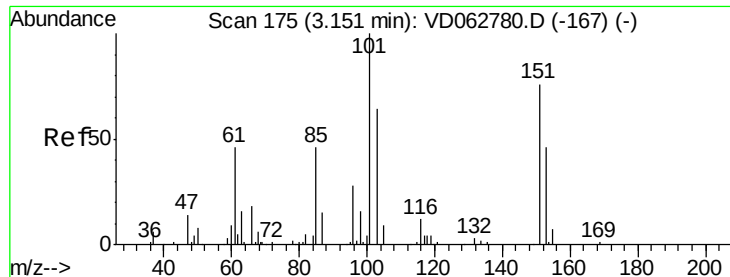


#8

Diethyl Ether
Concen: 54.334 ug/l
RT: 2.88 min Scan# 147
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 74 Resp: 123236
Ion Ratio Lower Upper
74 100
45 152.1 70.2 210.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.285 ug/l

RT: 3.15 min Scan# 175

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampled :

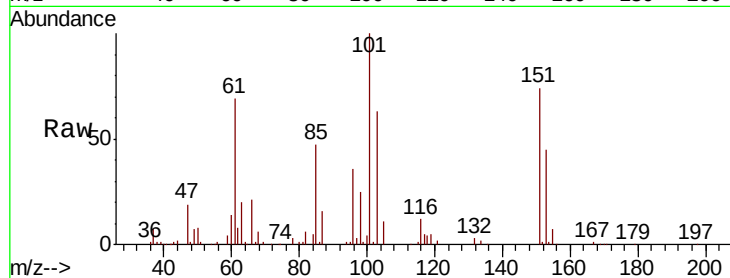
Tot Ion:101 Resp: 515309

Ion Ratio Lower Upper

101 100

85 47.1 37.0 55.4

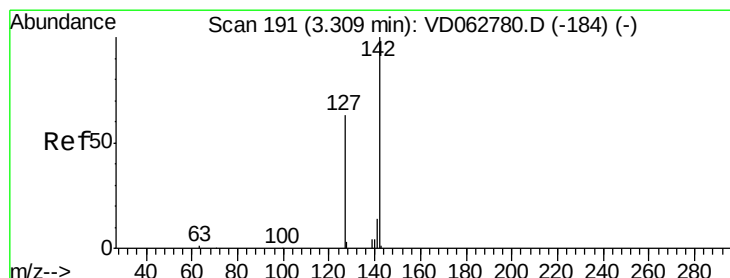
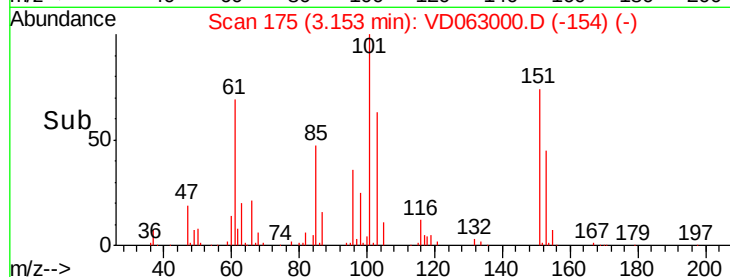
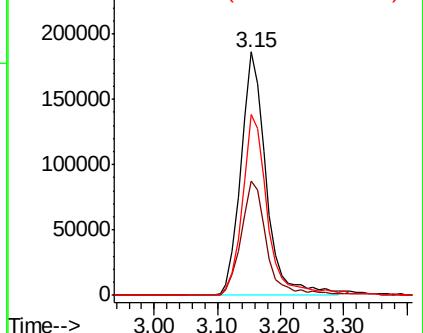
151 74.1 60.5 90.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 50.392 ug/l

RT: 3.31 min Scan# 191

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

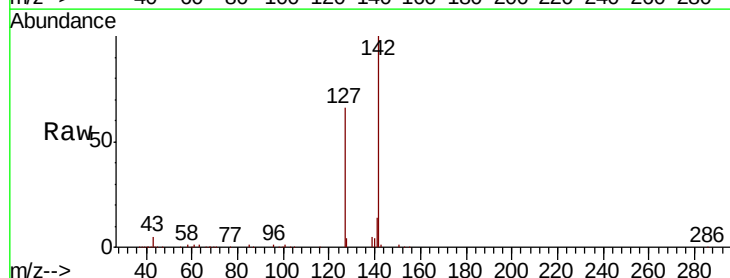
Tgt Ion:142 Resp: 642939

Ion Ratio Lower Upper

142 100

127 65.9 50.1 75.1

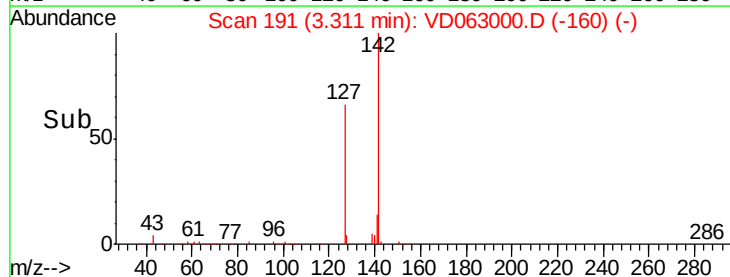
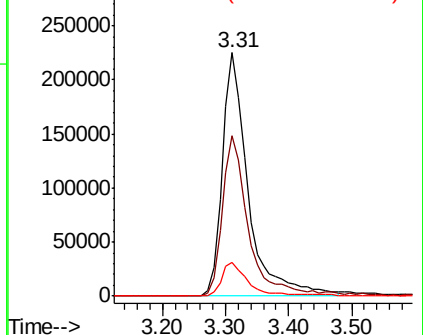
141 14.1 11.0 16.4

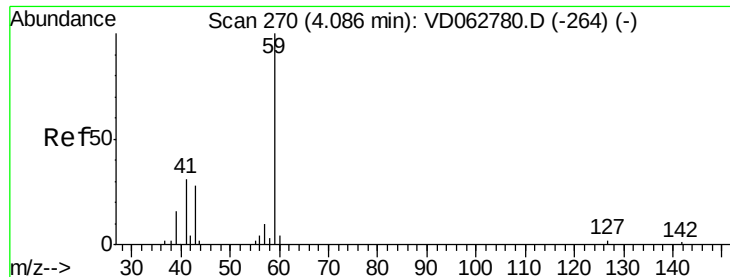


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



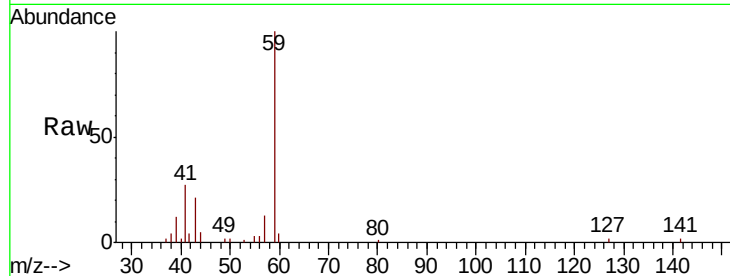


#11

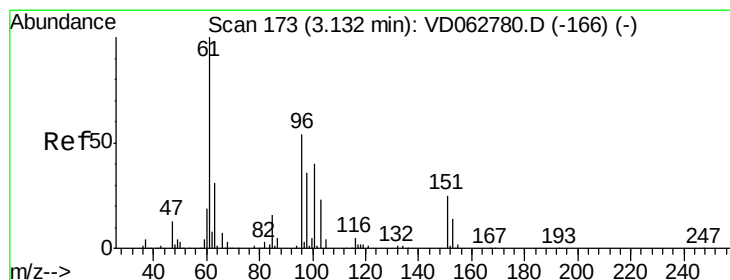
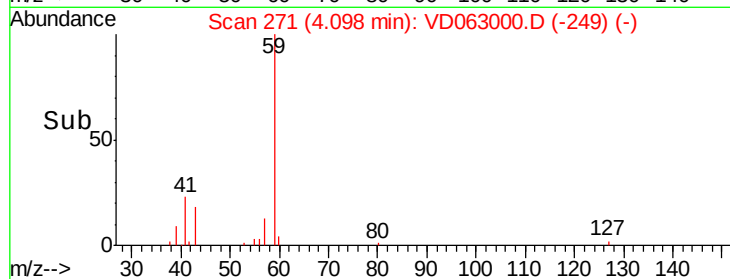
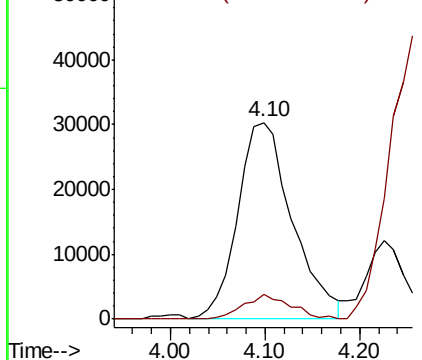
Tert butyl alcohol
Concen: 268.578 ug/l
RT: 4.10 min Scan# 271
Delta R.T. 0.01 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 59 Resp: 121545
Ion Ratio Lower Upper
59 100
57 12.6 6.6 10.0#



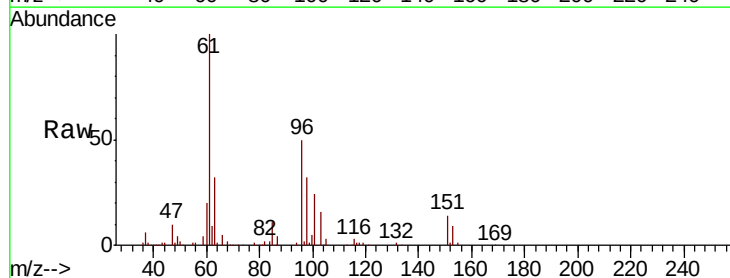
Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC



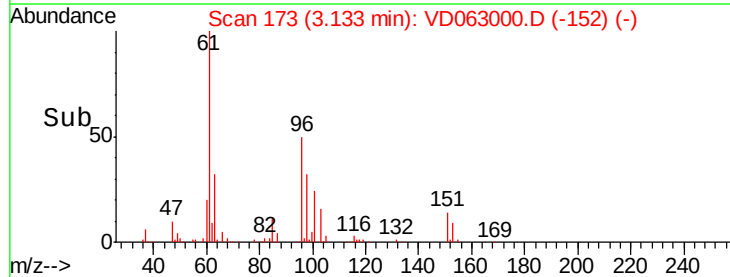
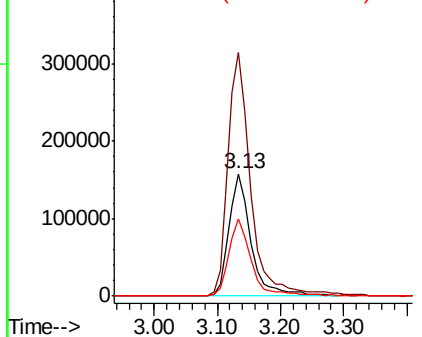
#12

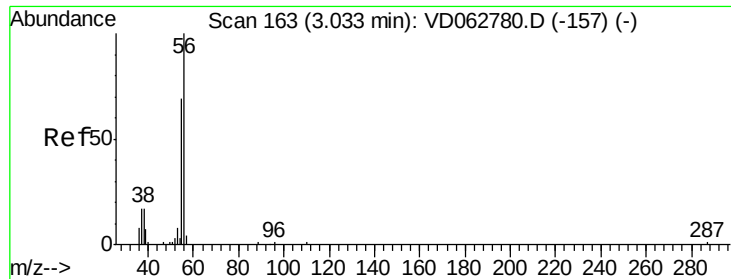
1,1-Dichloroethene
Concen: 52.603 ug/l
RT: 3.13 min Scan# 173
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 96 Resp: 381626
Ion Ratio Lower Upper
96 100
61 199.0 147.1 220.7
98 63.0 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC

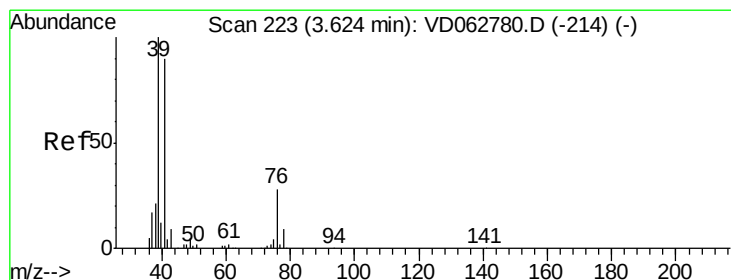
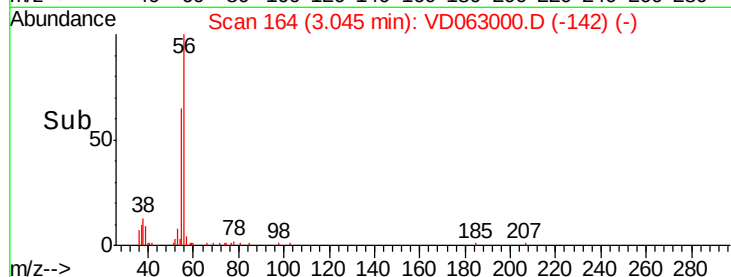
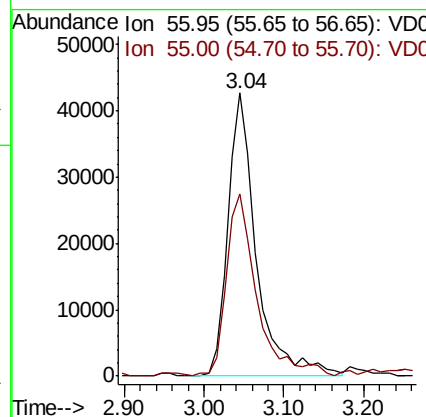
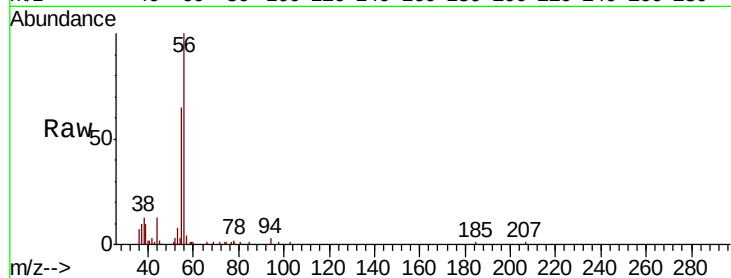




#13
Acrolein
Concen: 231.768 ug/l
RT: 3.04 min Scan# 164
Delta R.T. 0.01 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

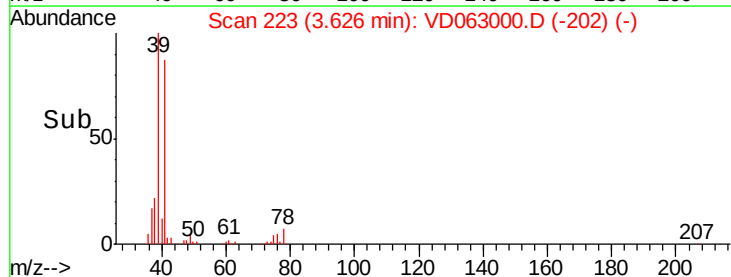
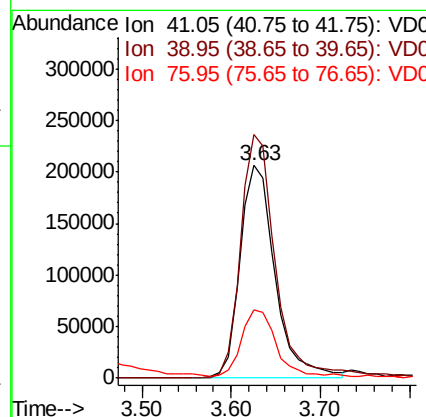
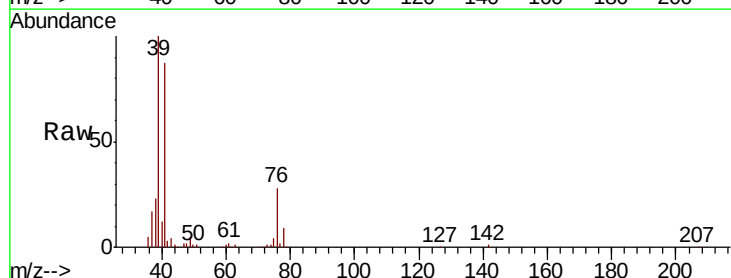
Instrument :
MSVOA_D
ClientSampleId :

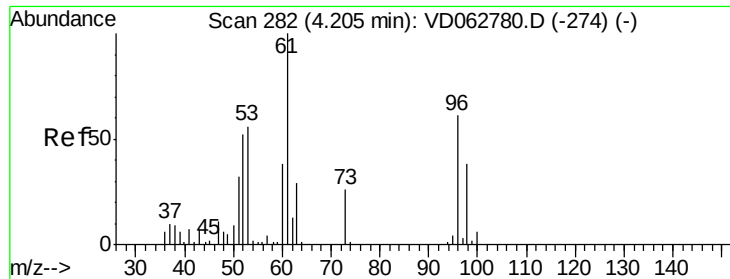
Tot Ion: 56 Resp: 107077
Ion Ratio Lower Upper
56 100
55 64.6 55.4 83.0



#14
Allyl chloride
Concen: 52.599 ug/l
RT: 3.63 min Scan# 223
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 41 Resp: 563841
Ion Ratio Lower Upper
41 100
39 114.6 88.8 133.2
76 31.9 26.7 40.1





#15

Acrylonitrile

Concen: 279.182 ug/l

RT: 4.21 min Scan# 282

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampled :

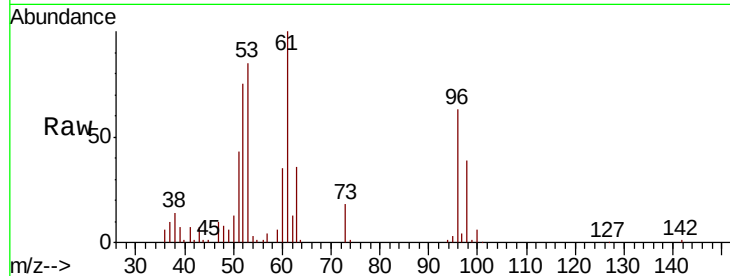
Tot Ion: 53 Resp: 296874

Ion Ratio Lower Upper

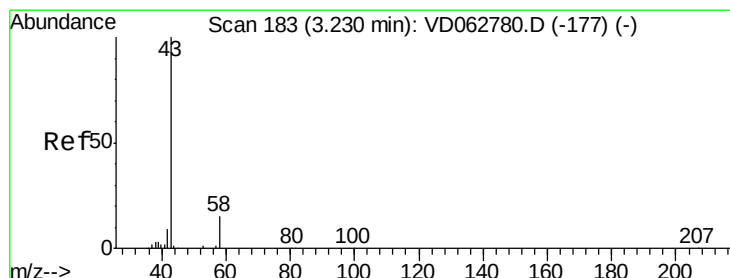
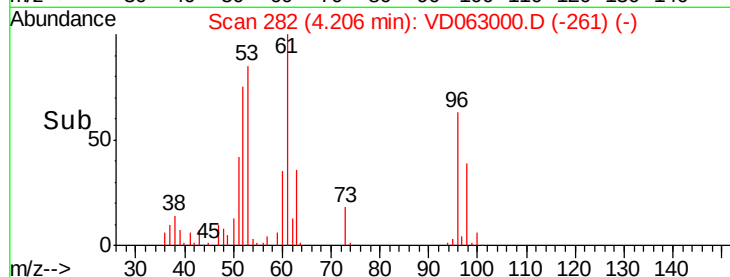
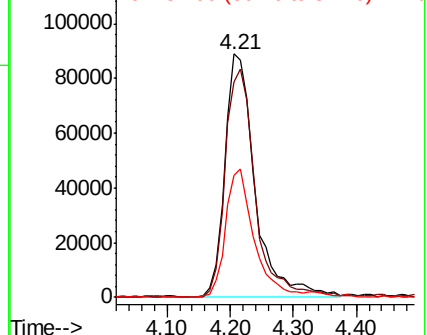
53 100

52 88.5 73.3 109.9

51 50.4 44.8 67.2



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: 292.534 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD063000.D

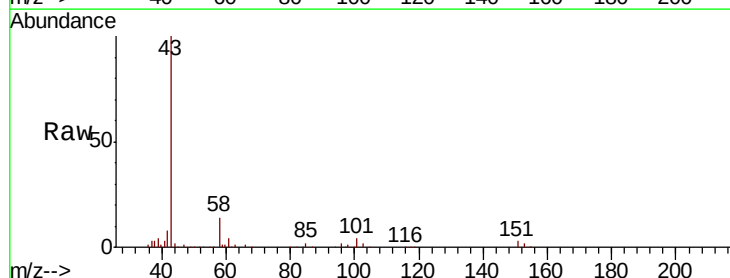
Acq: 2 Jul 2019 10:20

Tgt Ion: 43 Resp: 587063

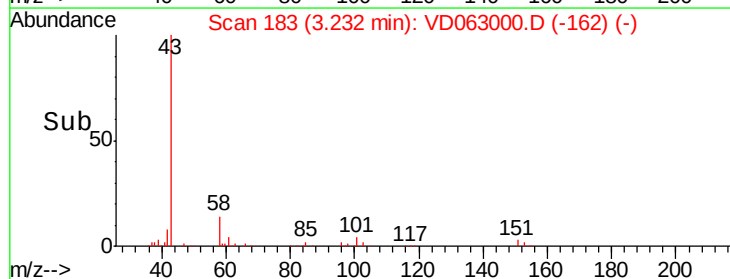
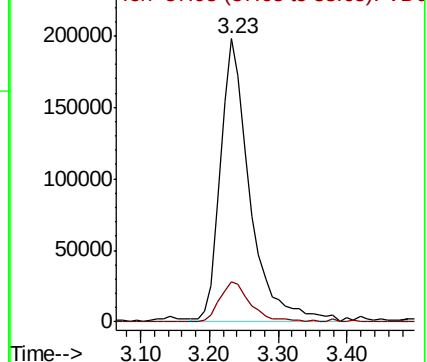
Ion Ratio Lower Upper

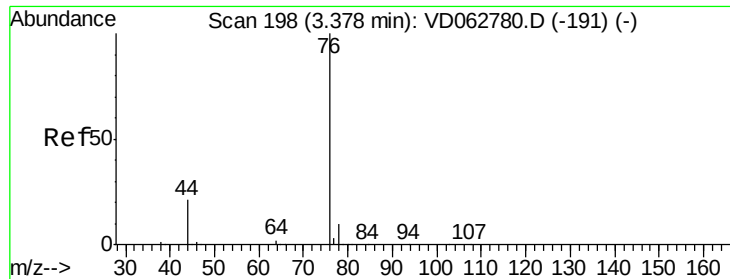
43 100

58 14.2 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

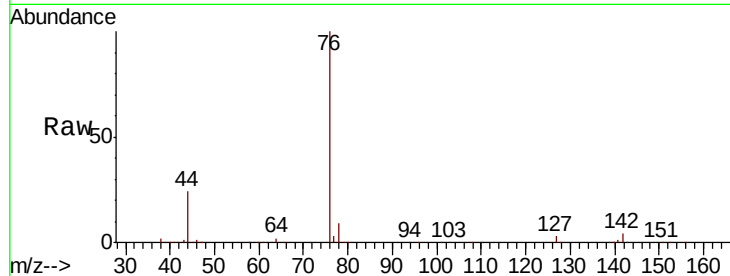




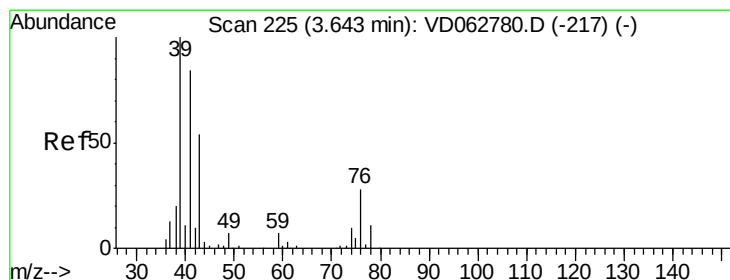
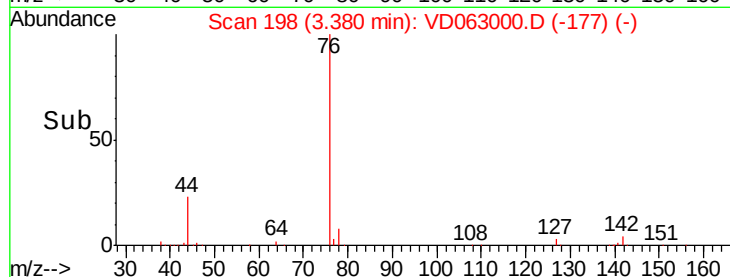
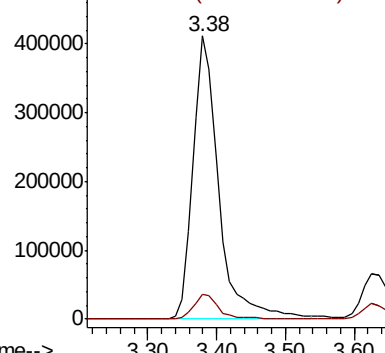
#17
Carbon Disulfide
Concen: 45.990 ug/l
RT: 3.38 min Scan# 198
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 76 Resp: 1066324
Ion Ratio Lower Upper
76 100
78 8.7 8.0 12.0

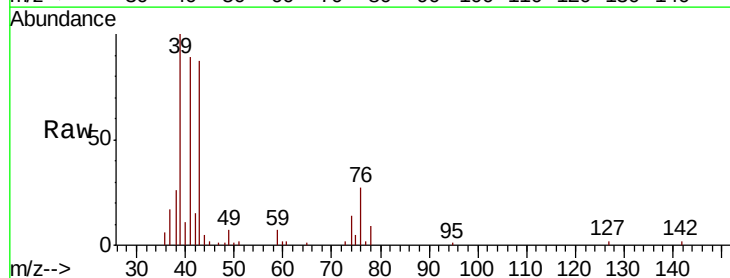


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

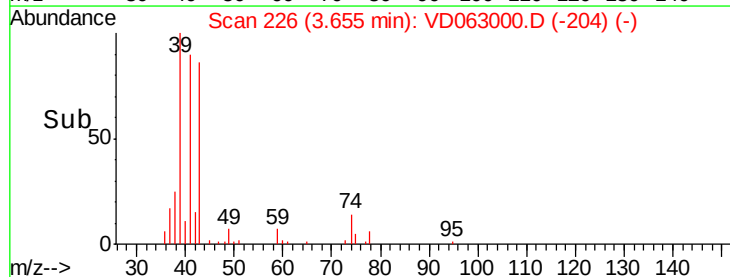
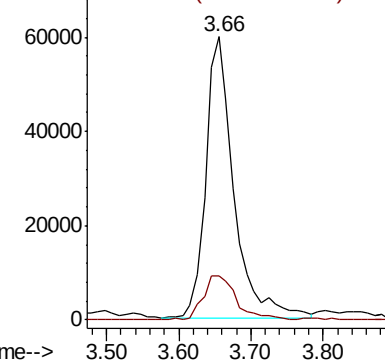


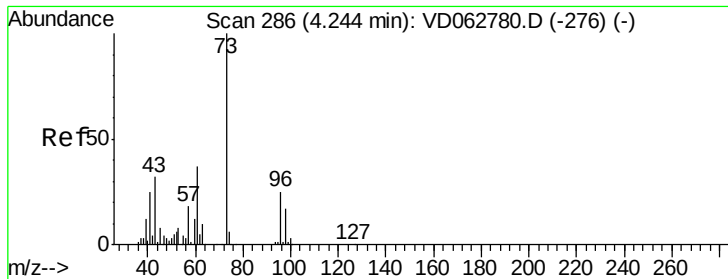
#18
Methyl Acetate
Concen: 53.751 ug/l
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 43 Resp: 161229
Ion Ratio Lower Upper
43 100
74 15.6 15.2 22.8



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

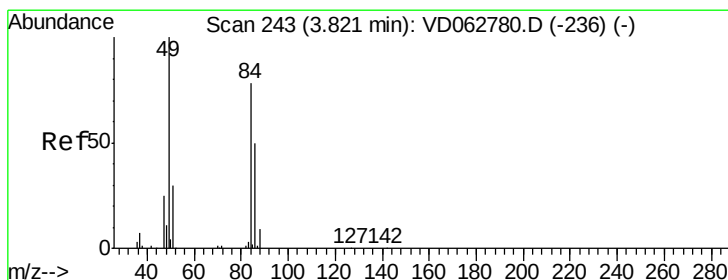
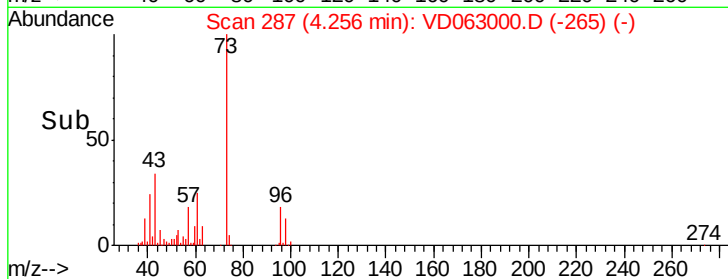
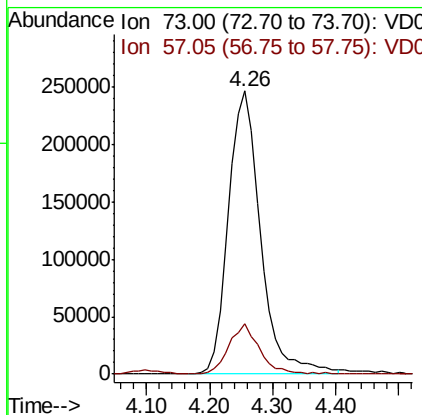
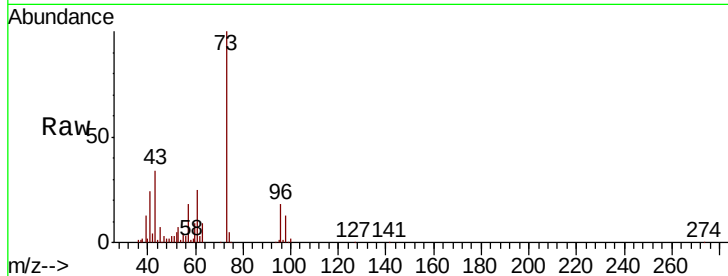




#19
Methyl tert-butyl Ether
Concen: 55.437 ug/l
RT: 4.26 min Scan# 287
Delta R.T. 0.01 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

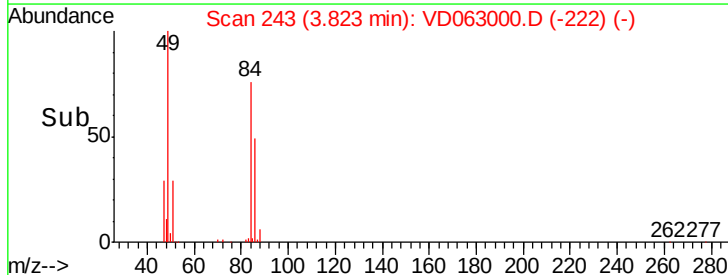
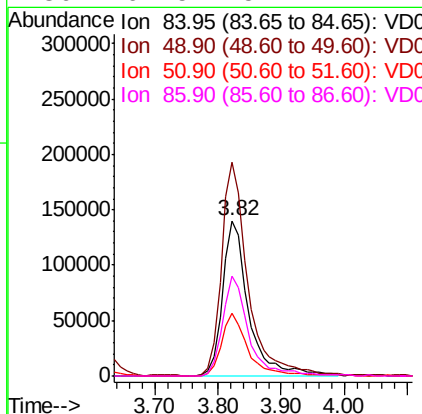
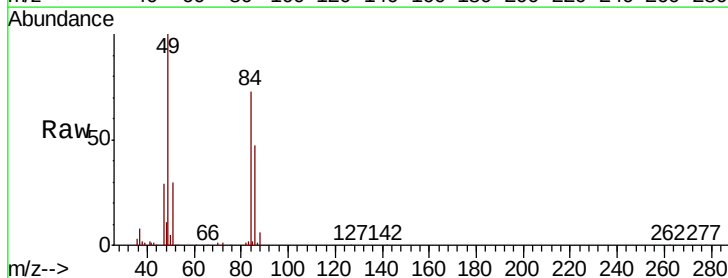
Instrument :
MSVOA_D
ClientSampled :

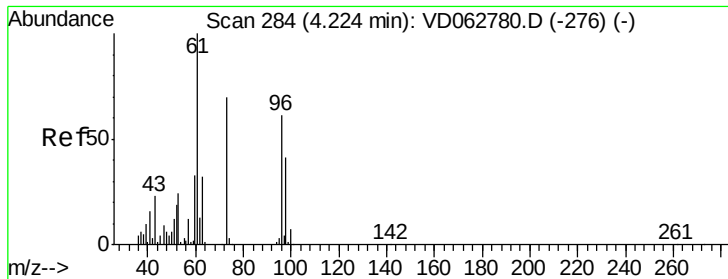
Tot Ion: 73 Resp: 870656
Ion Ratio Lower Upper
73 100
57 17.7 14.3 21.5



#20
Methylene Chloride
Concen: 53.150 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 84 Resp: 402764
Ion Ratio Lower Upper
84 100
49 137.6 102.9 154.3
51 40.8 31.2 46.8
86 64.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 54.471 ug/l

RT: 4.23 min Scan# 284

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampled :

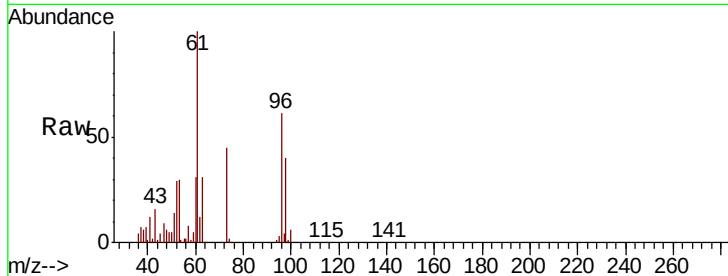
Tot Ion: 96 Resp: 420775

Ion Ratio Lower Upper

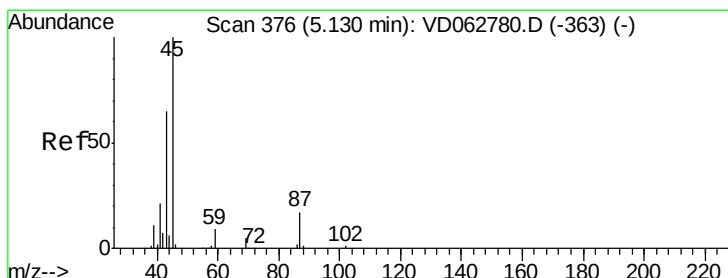
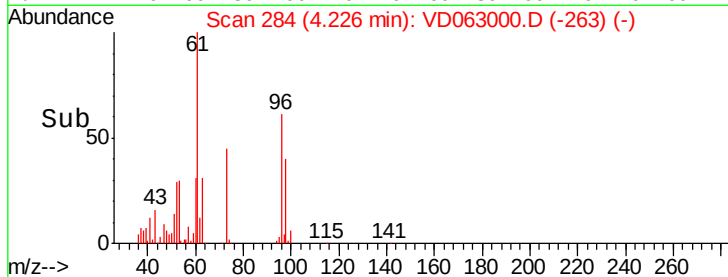
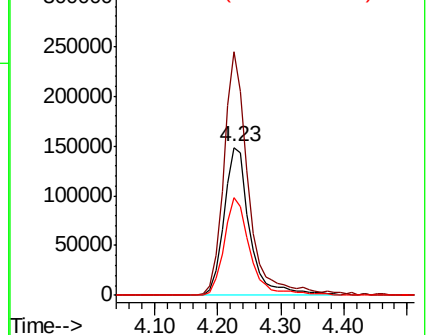
96 100

61 164.7 131.0 196.4

98 65.7 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 54.640 ug/l

RT: 5.14 min Scan# 377

Delta R.T. 0.01 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Tgt Ion: 45 Resp: 1191168

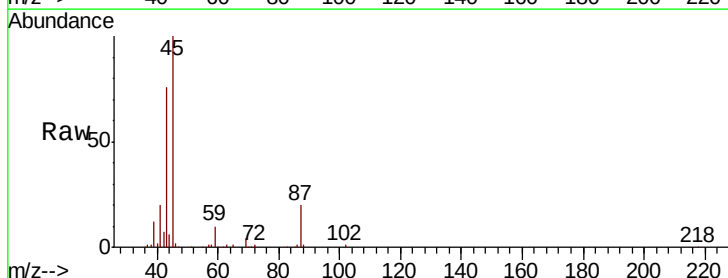
Ion Ratio Lower Upper

45 100

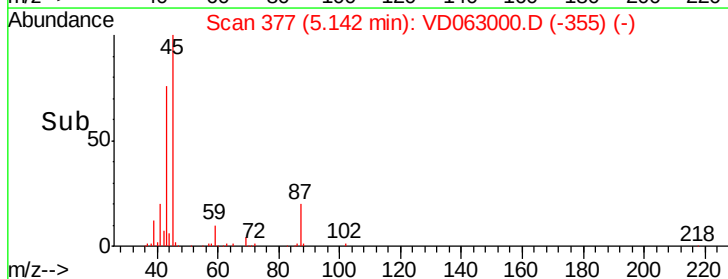
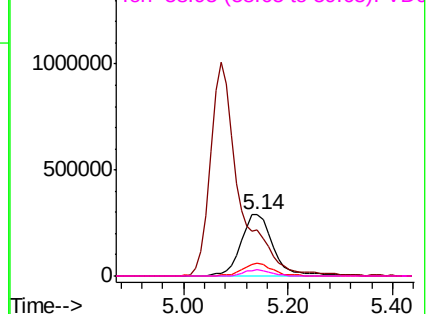
43 76.1 53.4 80.0

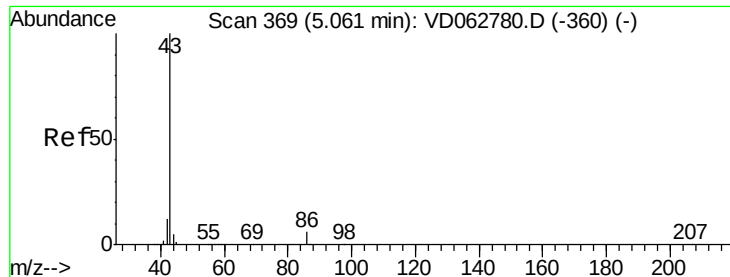
87 20.2 14.6 22.0

59 9.5 7.8 11.8



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 281.998 ug/l

RT: 5.07 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

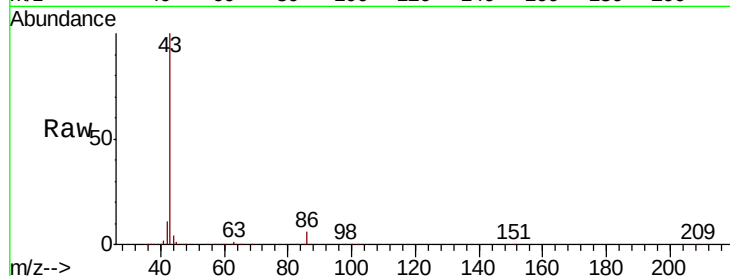
ClientSampled :

Tot Ion: 43 Resp: 3846836

Ion Ratio Lower Upper

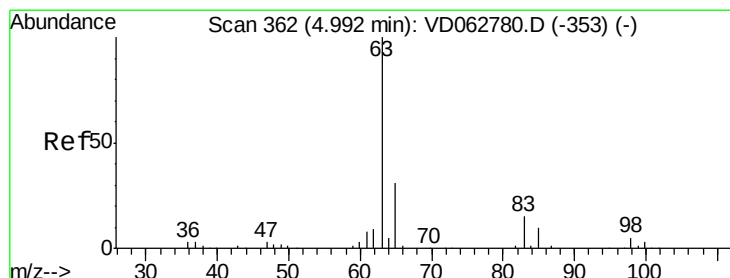
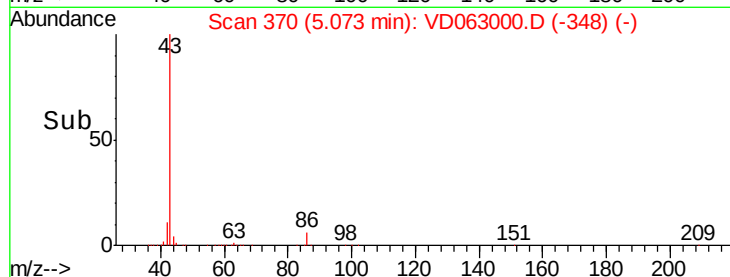
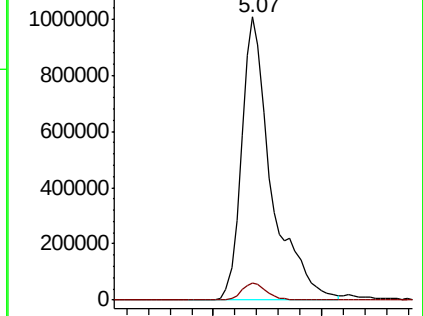
43 100

86 6.1 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 55.170 ug/l

RT: 4.99 min Scan# 362

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

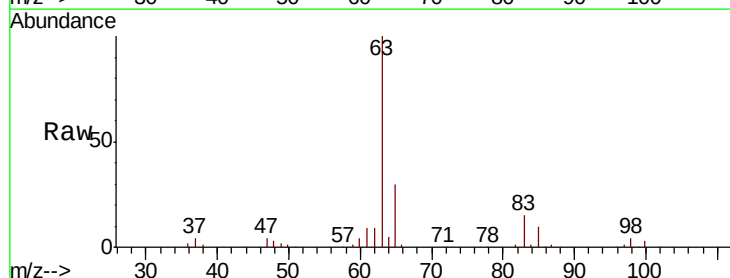
Tgt Ion: 63 Resp: 783059

Ion Ratio Lower Upper

63 100

98 4.5 2.3 6.9

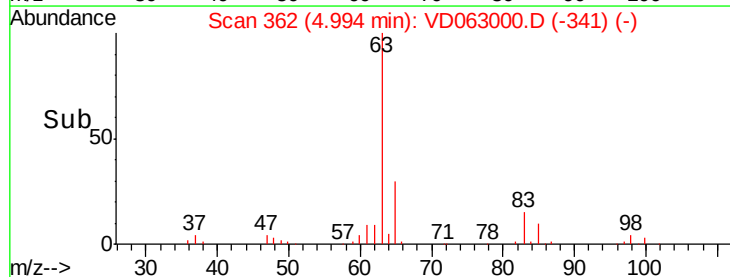
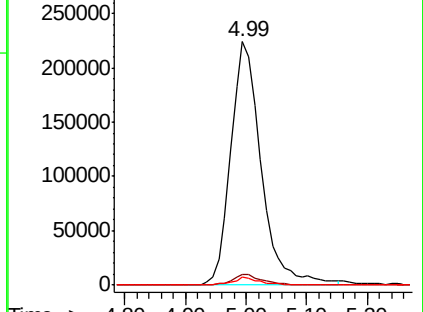
100 3.4 1.7 5.1

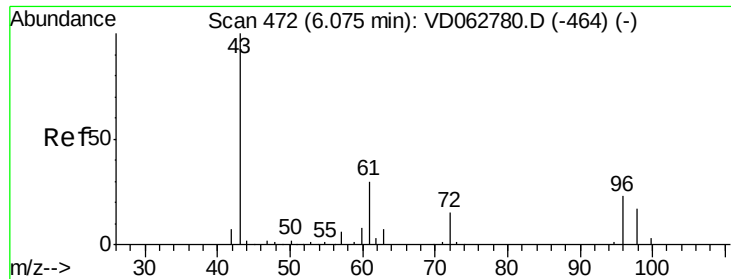


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 303.734 ug/l

RT: 6.09 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

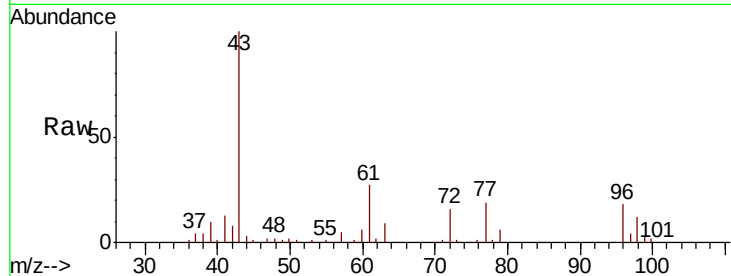
ClientSampleId :

Tot Ion: 43 Resp: 564462

Ion Ratio Lower Upper

43 100

72 15.6 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.09

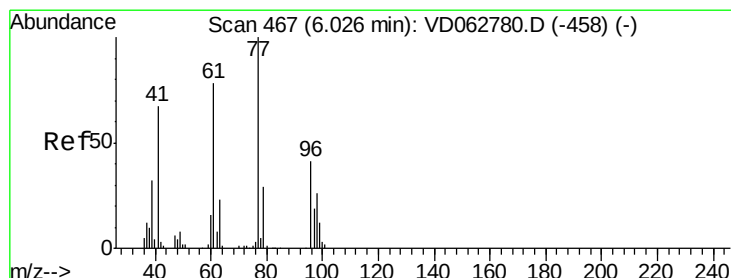
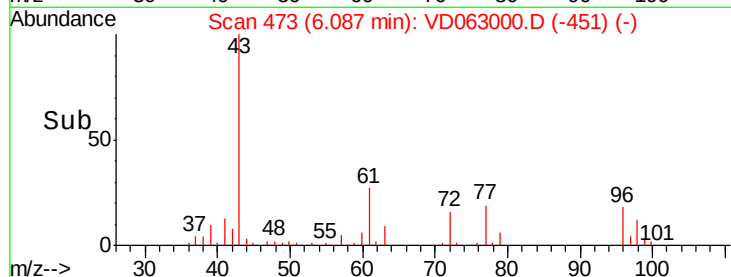
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#26

2,2-Dichloropropane

Concen: 55.178 ug/l

RT: 6.04 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD063000.D

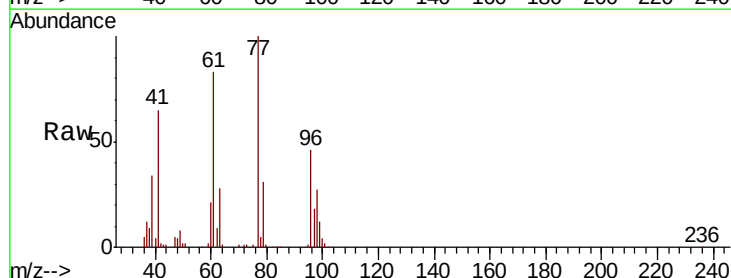
Acq: 2 Jul 2019 10:20

Tgt Ion: 77 Resp: 830127

Ion Ratio Lower Upper

77 100

97 17.7 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

6.04

250000

200000

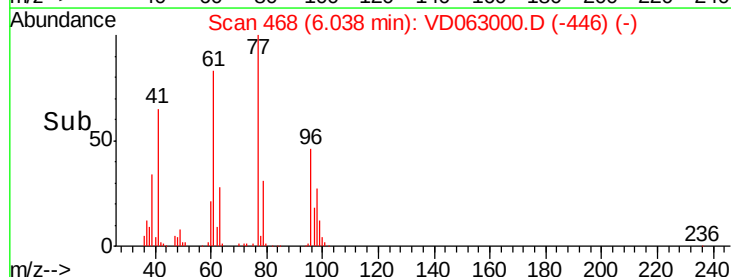
150000

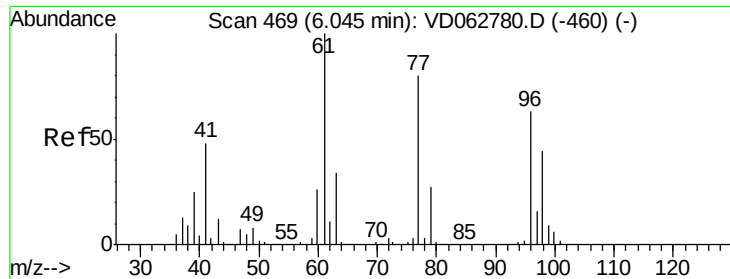
100000

50000

0

Time--> 5.90 6.00 6.10 6.20



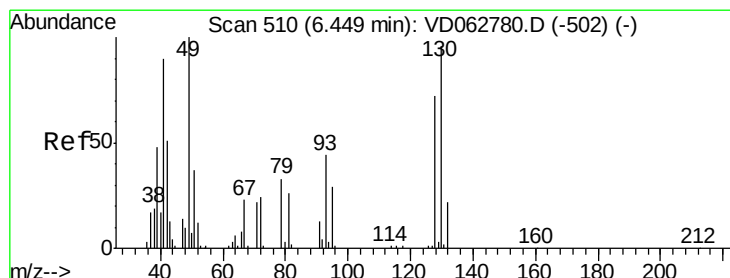
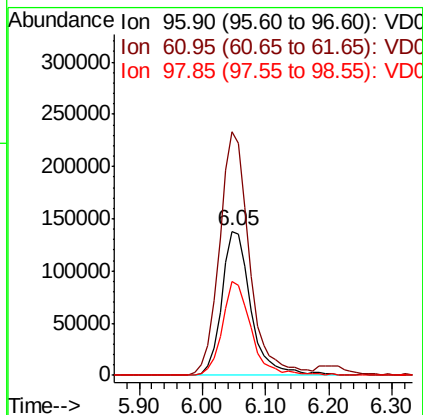
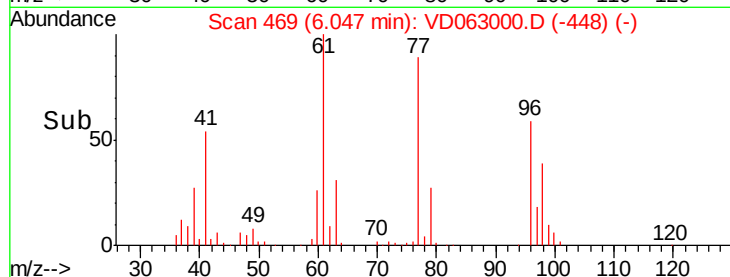
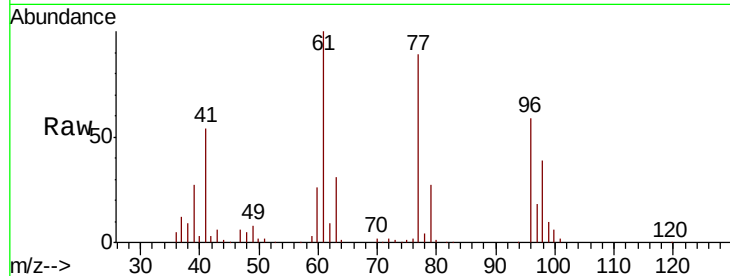


#27

cis-1,2-Dichloroethene
Concen: 54.176 ug/l
RT: 6.05 min Scan# 469
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampled :

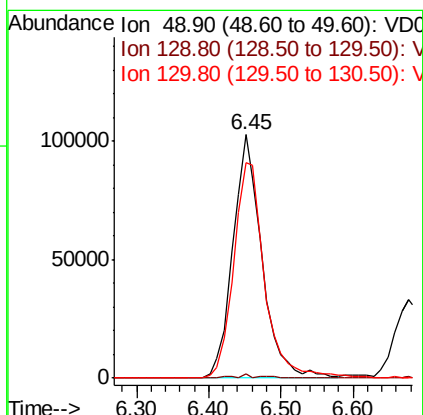
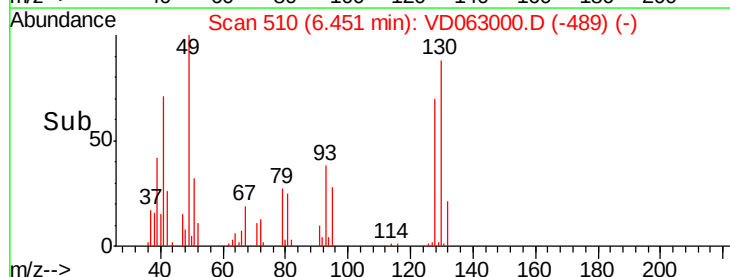
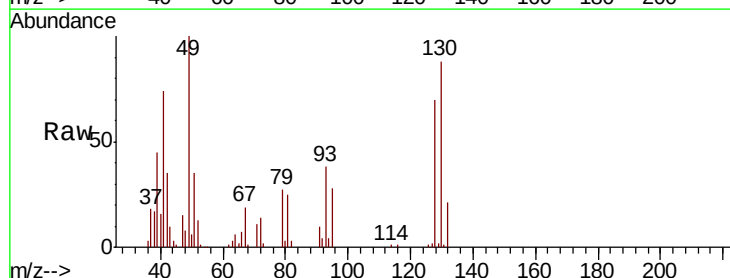
Tot Ion: 96 Resp: 442553
Ion Ratio Lower Upper
96 100
61 169.0 0.0 316.0
98 65.2 0.0 138.4

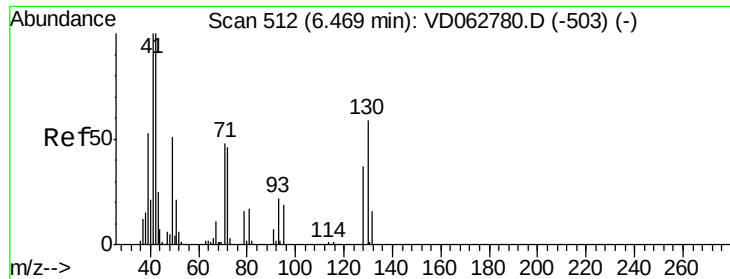


#28

Bromochloromethane
Concen: 57.628 ug/l
RT: 6.45 min Scan# 510
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 49 Resp: 288083
Ion Ratio Lower Upper
49 100
129 2.0 0.0 5.6
130 88.3 76.6 114.8

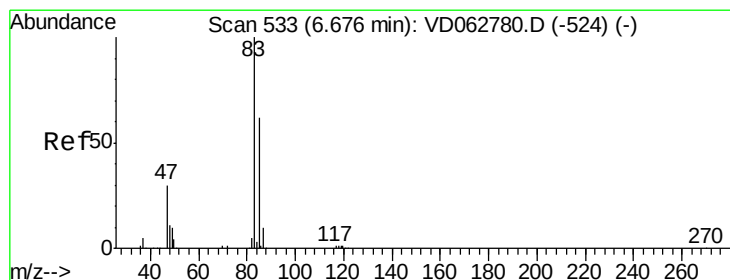
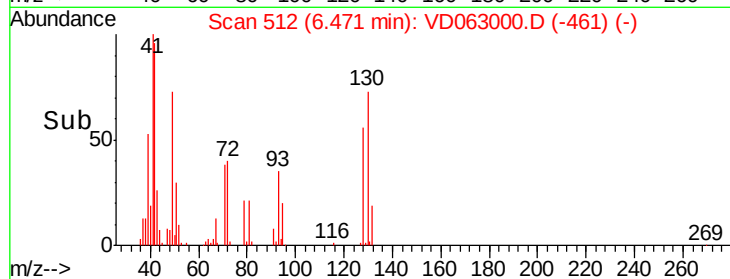
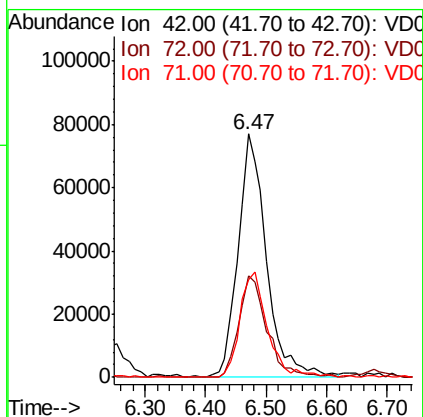
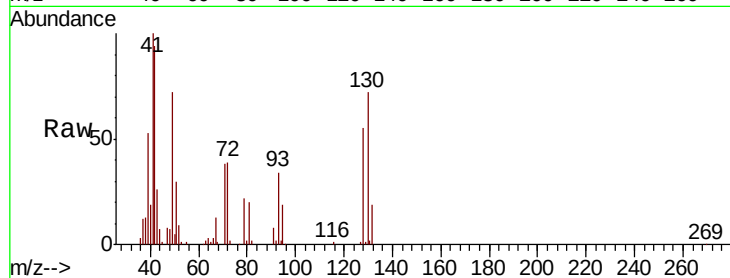




#29
Tetrahydrofuran
Concen: 285.508 ug/l
RT: 6.47 min Scan# 512
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

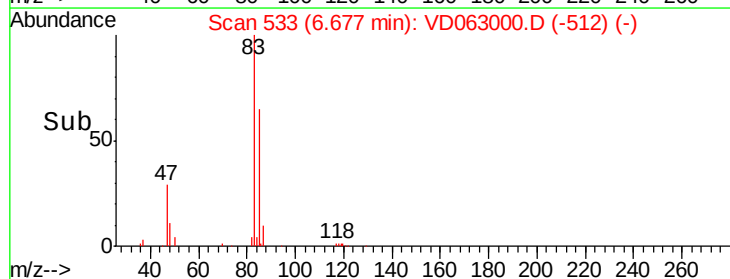
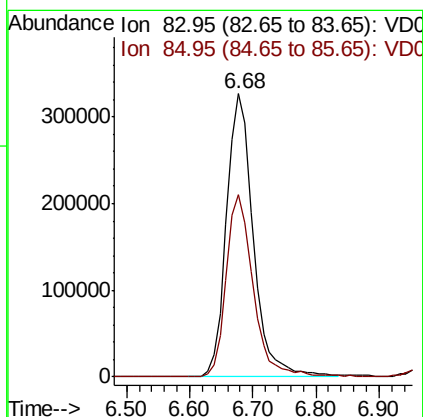
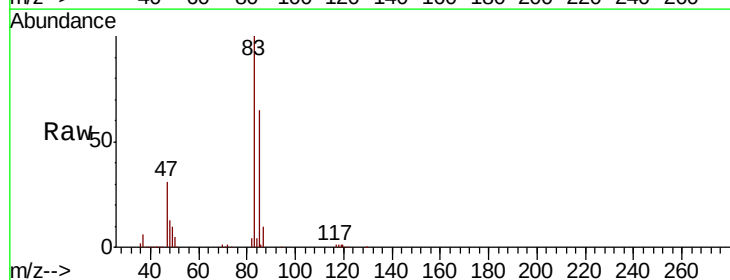
Instrument :
MSVOA_D
ClientSampleId :

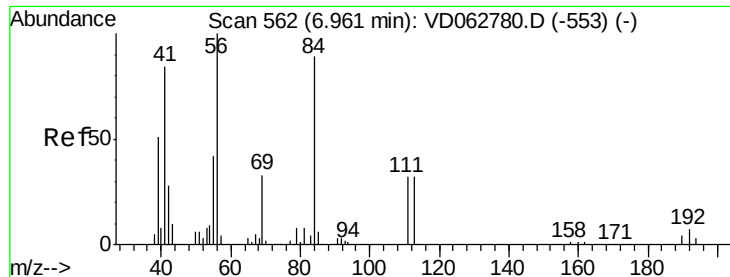
Tot Ion: 42 Resp: 251043
Ion Ratio Lower Upper
42 100
72 41.3 35.0 52.6
71 42.1 33.3 49.9



#30
Chloroform
Concen: 55.496 ug/l
RT: 6.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 83 Resp: 957950
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6

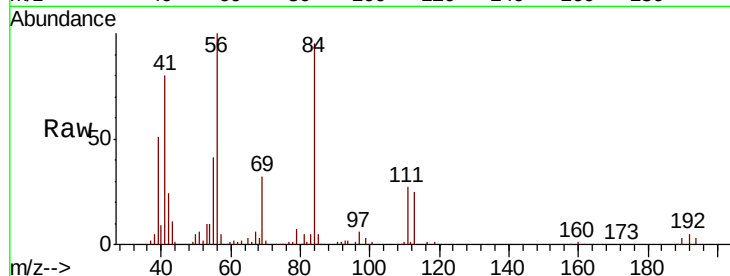




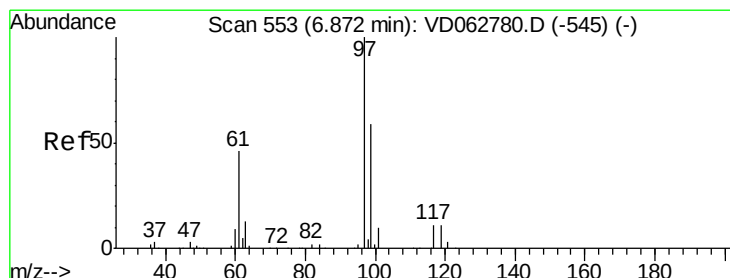
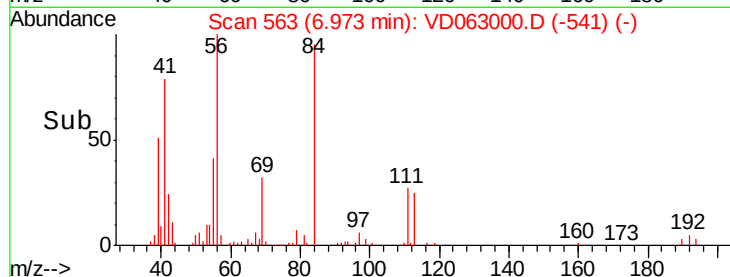
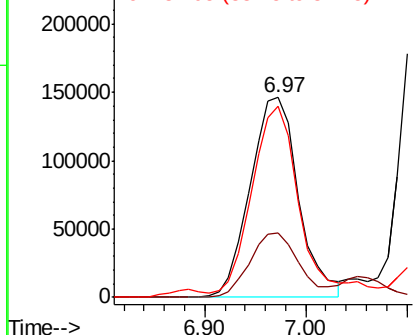
#31
Cyclohexane
Concen: 52.183 ug/l
RT: 6.97 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 486914
Ion Ratio Lower Upper
56 100
69 31.9 26.6 39.8
84 95.5 75.5 113.3

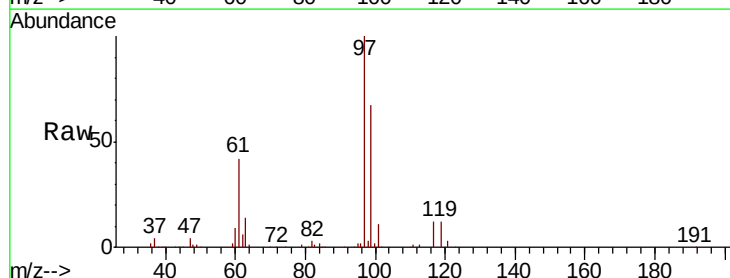


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

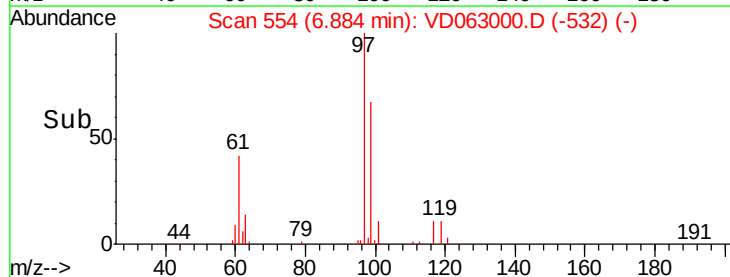
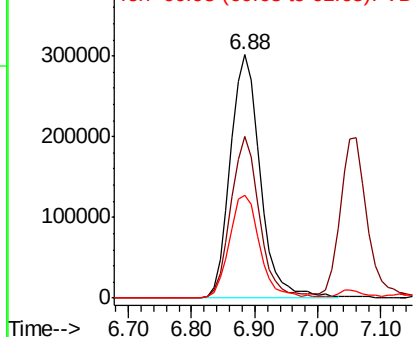


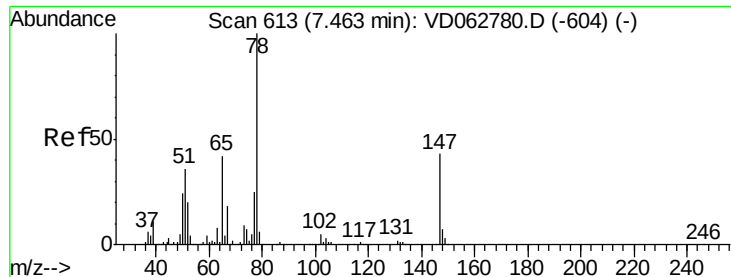
#32
1,1,1-Trichloroethane
Concen: 55.128 ug/l
RT: 6.88 min Scan# 554
Delta R.T. 0.01 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 97 Resp: 991165
Ion Ratio Lower Upper
97 100
99 66.6 47.4 71.2
61 42.3 37.2 55.8



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC

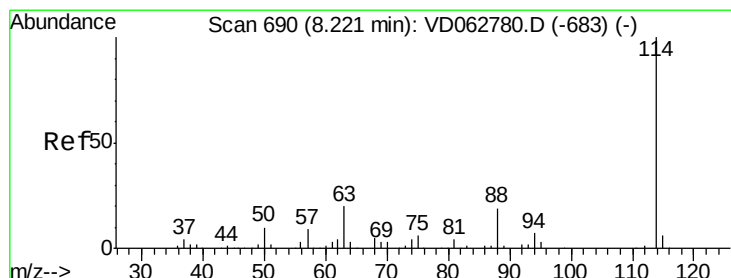
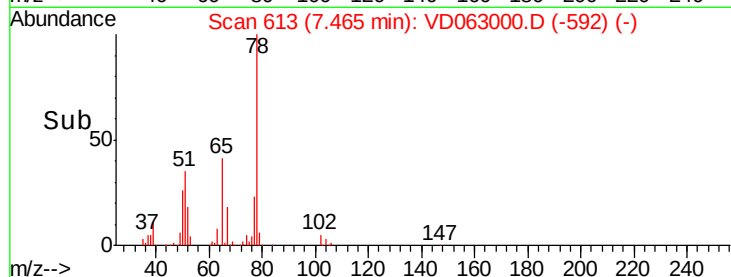
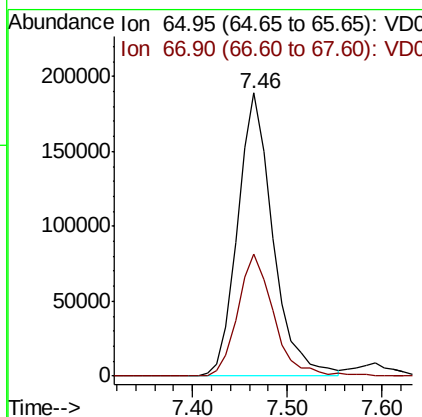
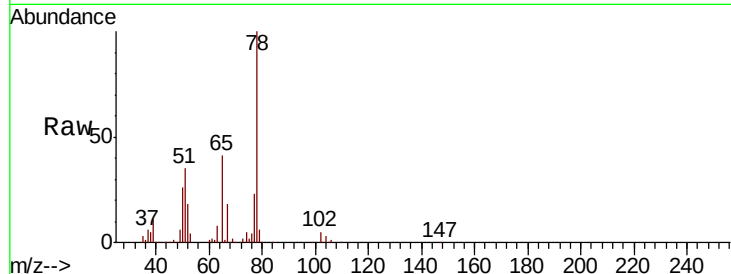




#33
 1,2-Dichloroethane-d4
 Concen: 49.091 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

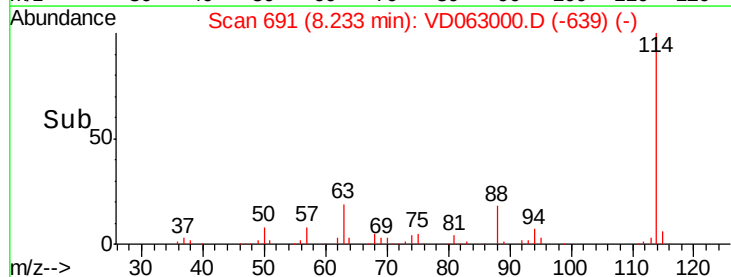
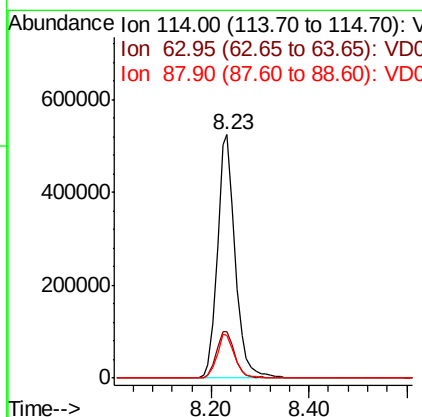
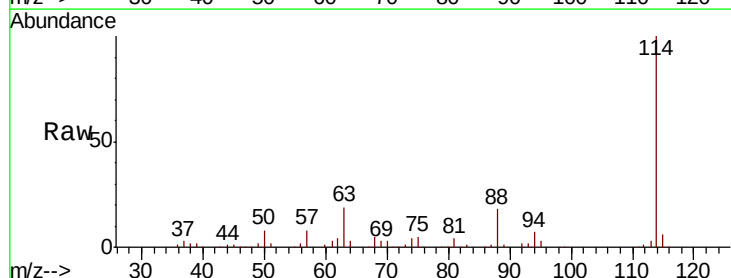
Instrument :
 MSVOA_D
 ClientSampleId :

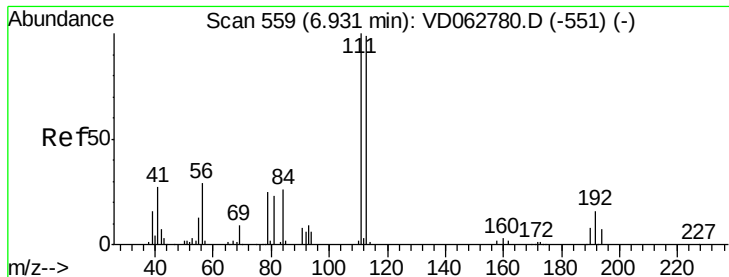
Tot Ion: 65 Resp: 487787
 Ion Ratio Lower Upper
 65 100
 67 43.2 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

Tgt Ion: 114 Resp: 1322799
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 17.6 0.0 38.8





#35

Dibromofluoromethane

Concen: 47.339 ug/l

RT: 6.93 min Scan# 559

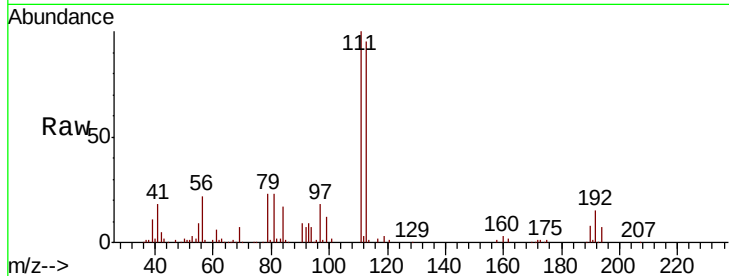
Delta R.T. 0.00 min

Lab File: VD063000.D

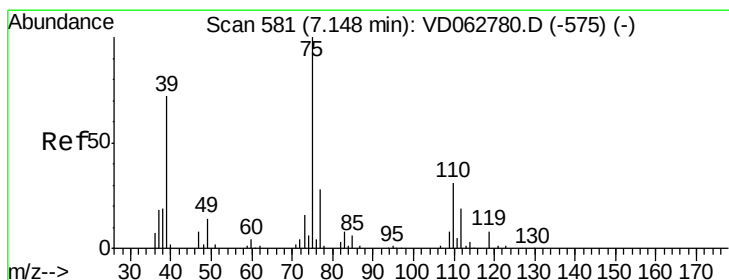
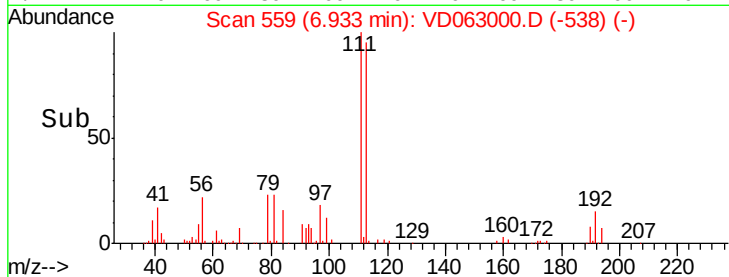
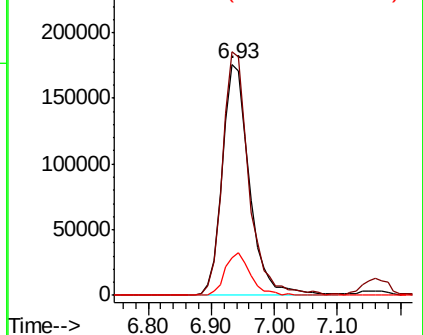
Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	113	Resp:	528013
Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.2	121.8
192	16.1	12.9	19.3



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 48.800 ug/l

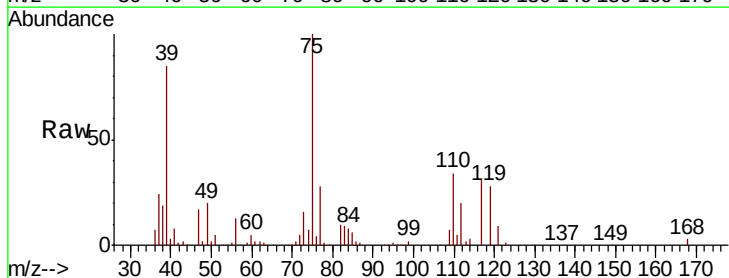
RT: 7.16 min Scan# 582

Delta R.T. 0.01 min

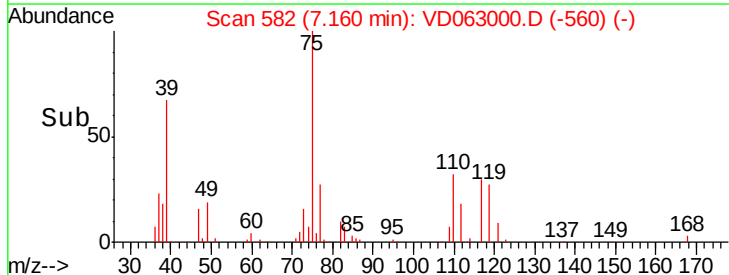
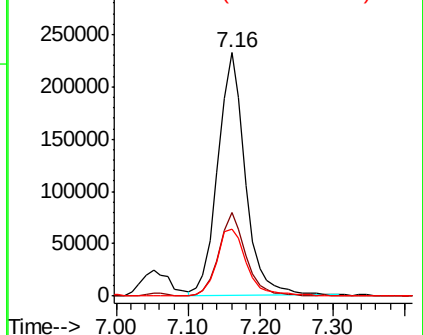
Lab File: VD063000.D

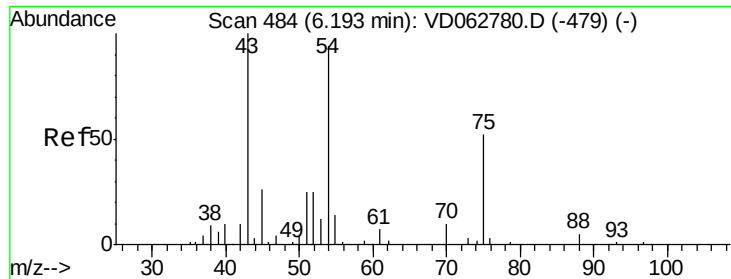
Acq: 2 Jul 2019 10:20

Tgt Ion:	75	Resp:	611083
Ion	Ratio	Lower	Upper
75	100		
110	34.1	15.0	45.1
77	27.7	22.2	33.2



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

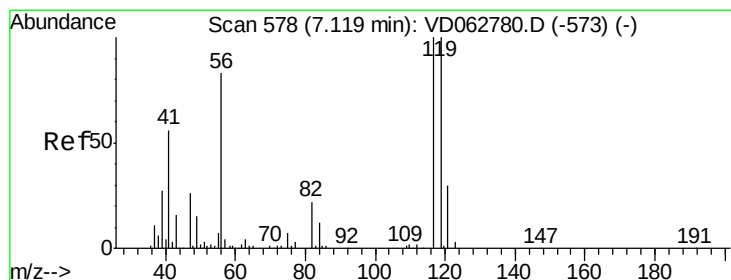
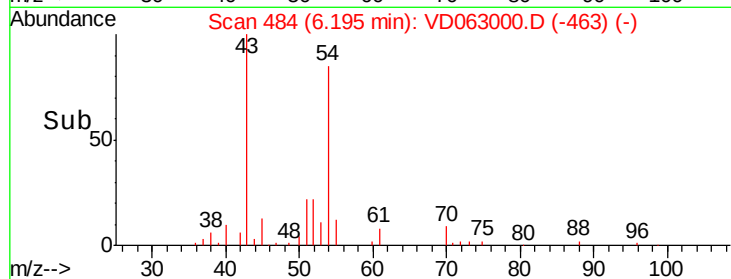
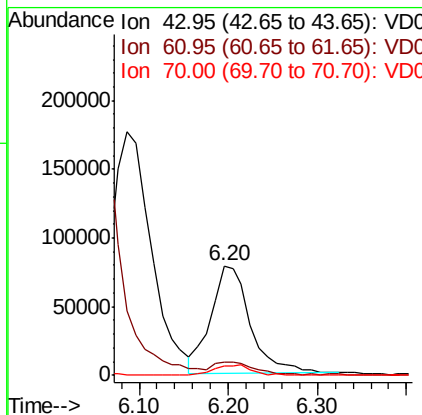
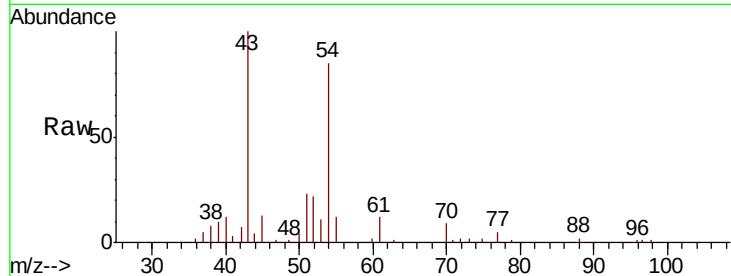




#37
Ethyl Acetate
Concen: 45.974 ug/l
RT: 6.20 min Scan# 484
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

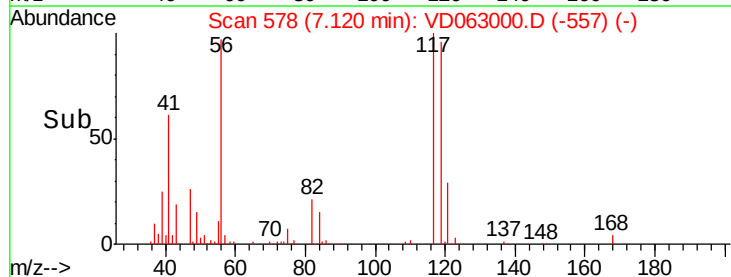
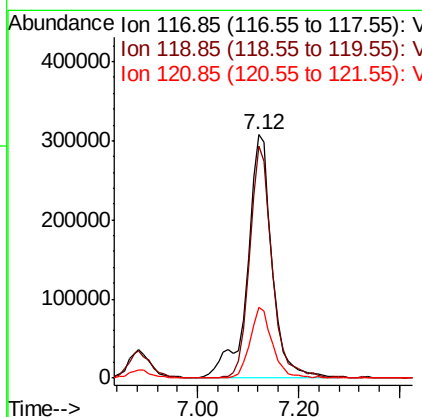
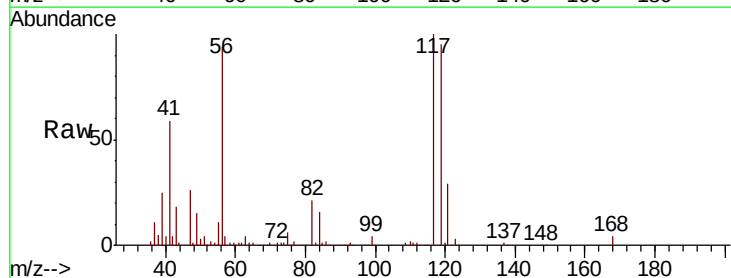
Instrument :
MSVOA_D
ClientSampled :

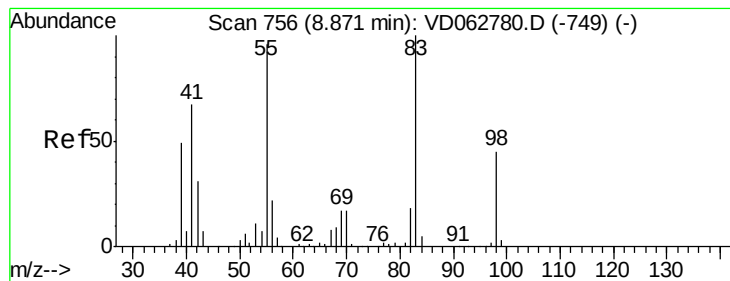
Tot Ion: 43 Resp: 242297
Ion Ratio Lower Upper
43 100
61 12.0 11.6 17.4
70 8.6 6.4 9.6



#38
Carbon Tetrachloride
Concen: 55.132 ug/l
RT: 7.12 min Scan# 578
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 117 Resp: 1038295
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.2
121 28.9 22.3 33.5





#39

Methylvlcyclohexane

Concen: 48.738 ug/l

RT: 8.87 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampleId :

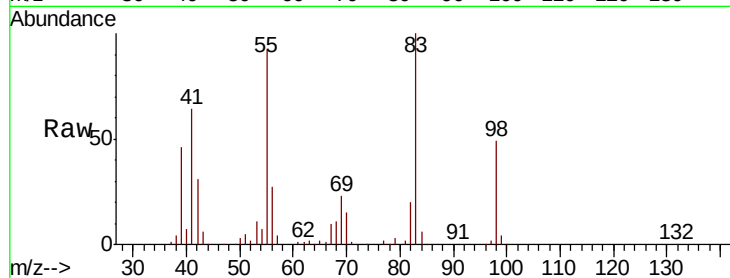
Tot Ion: 83 Resp: 537212

Ion Ratio Lower Upper

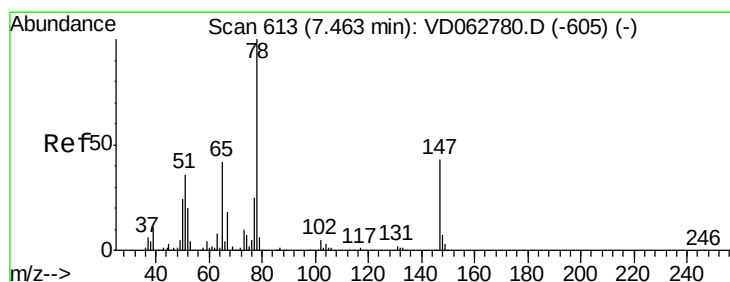
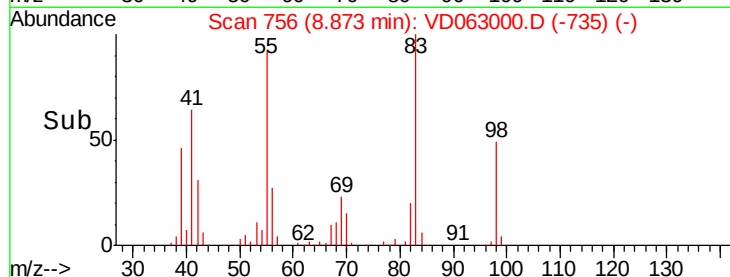
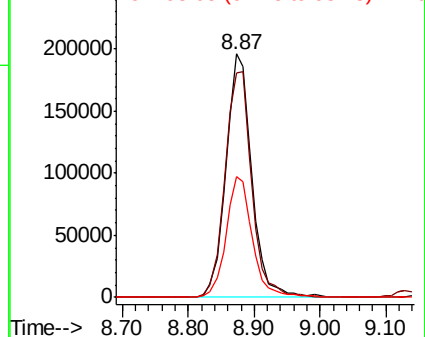
83 100

55 91.9 76.6 115.0

98 49.5 35.7 53.5



Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 50.586 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD063000.D

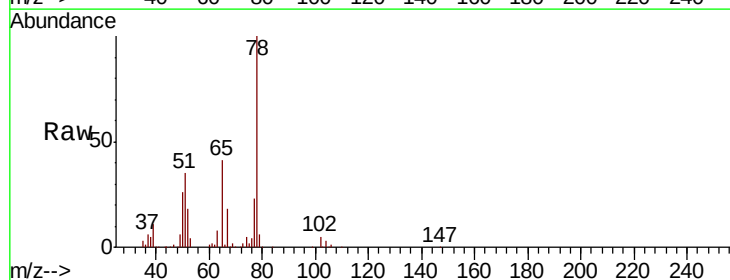
Acq: 2 Jul 2019 10:20

Tgt Ion: 78 Resp: 1271509

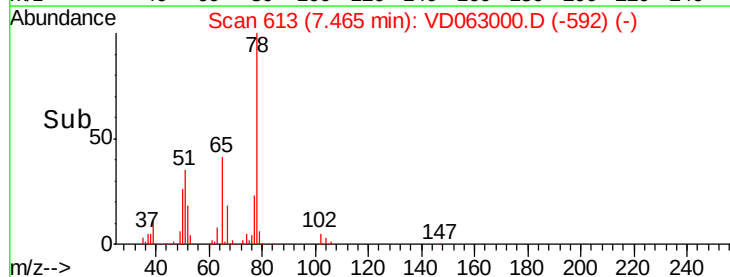
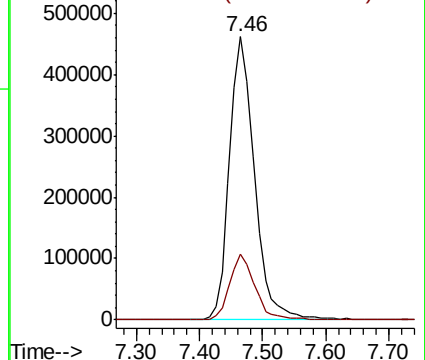
Ion Ratio Lower Upper

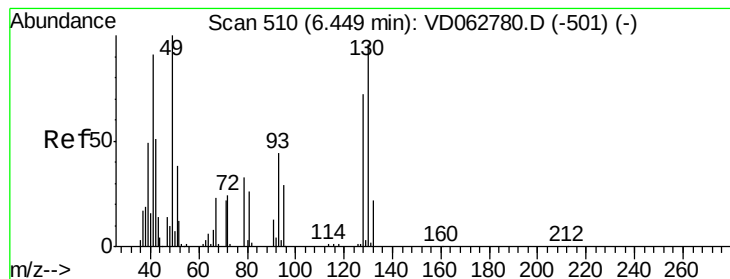
78 100

77 23.0 20.2 30.2



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 52.097 ug/l

RT: 6.47 min Scan# 512

Delta R.T. 0.02 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 41 Resp: 344035

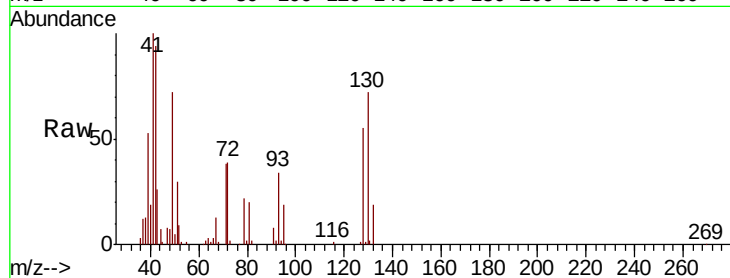
Ion Ratio Lower Upper

41 100

39 53.2 43.2 64.8

67 12.9 19.9 29.9#

52 9.4 10.2 15.4#

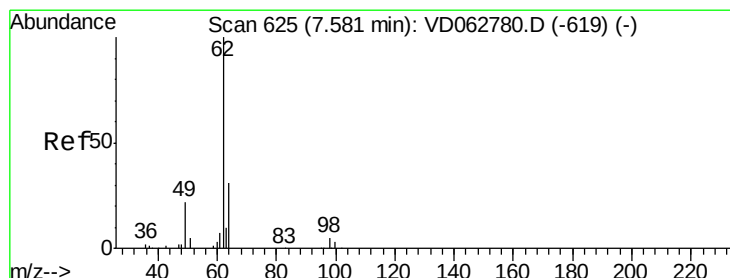
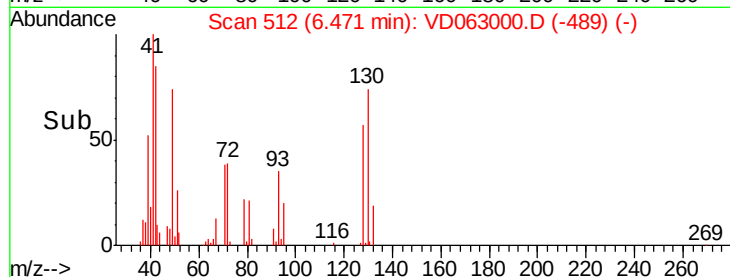
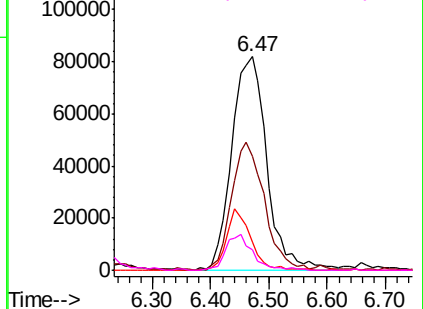


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 51.191 ug/l

RT: 7.59 min Scan# 626

Delta R.T. 0.01 min

Lab File: VD063000.D

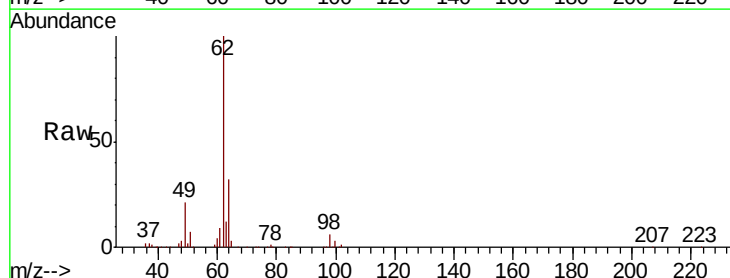
Acq: 2 Jul 2019 10:20

Tgt Ion: 62 Resp: 701937

Ion Ratio Lower Upper

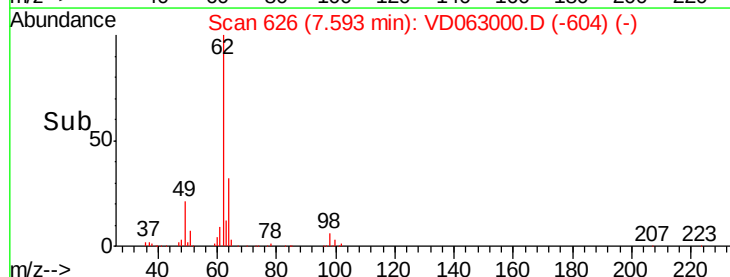
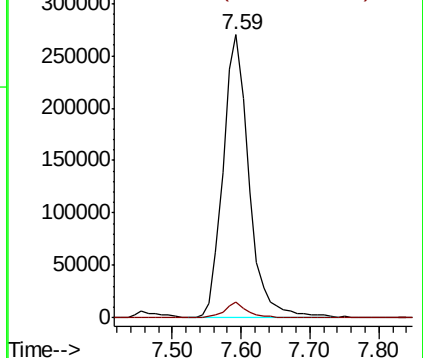
62 100

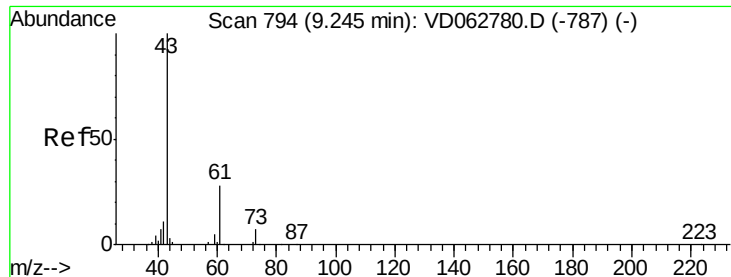
98 5.7 0.0 10.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

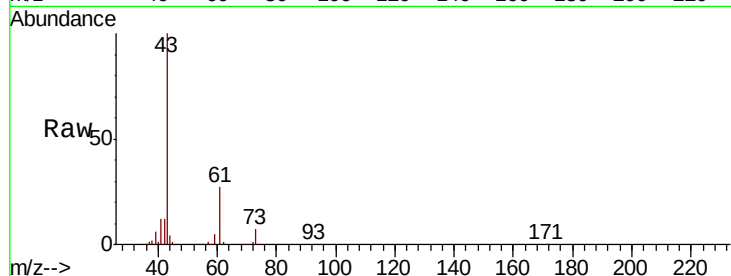




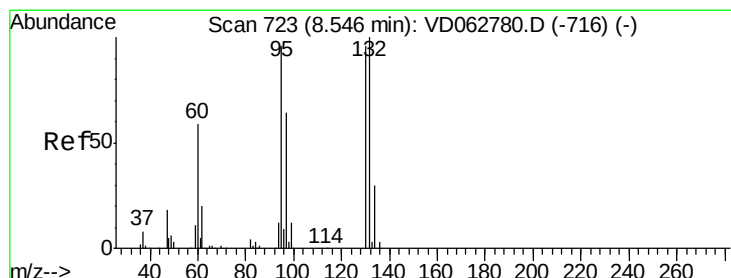
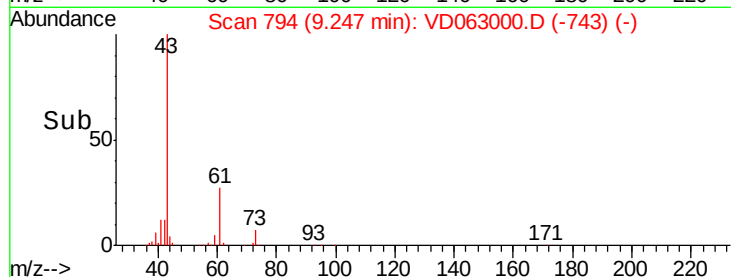
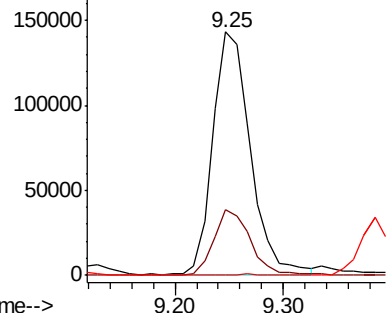
#43
Isopropyl Acetate
Concen: 52.470 ug/l
RT: 9.25 min Scan# 794
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 344464
Ion Ratio Lower Upper
43 100
61 26.7 22.4 33.6
87 0.0 0.3 0.5#

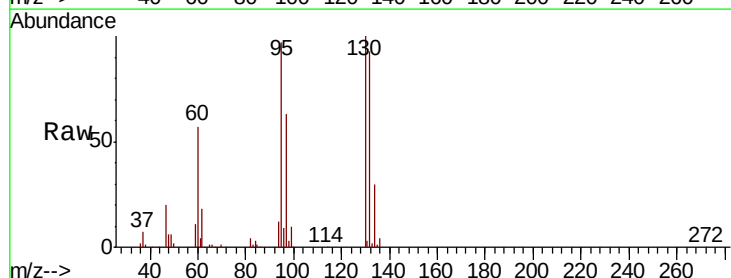


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

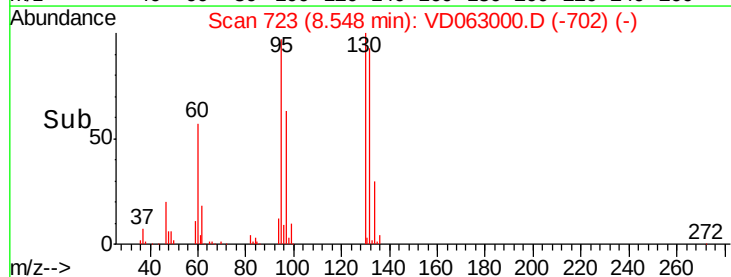
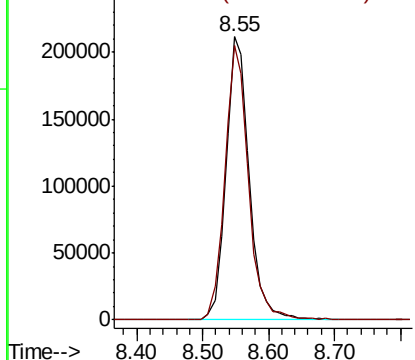


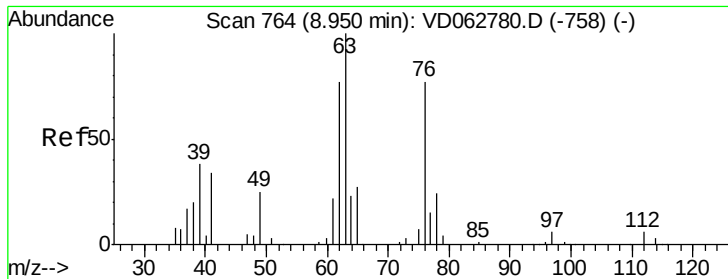
#44
Trichloroethene
Concen: 52.898 ug/l
RT: 8.55 min Scan# 723
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion:130 Resp: 521275
Ion Ratio Lower Upper
130 100
95 97.0 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.887 ug/l

RT: 8.95 min Scan# 764

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

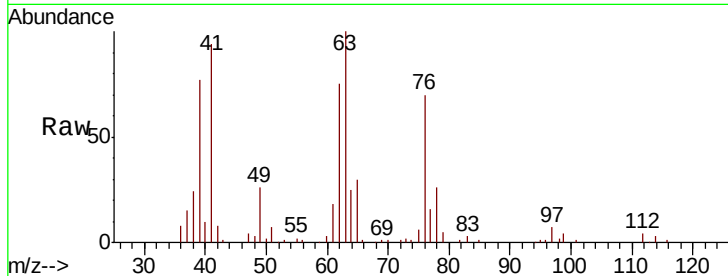
ClientSampleId :

Tot Ion: 63 Resp: 318052

Ion Ratio Lower Upper

63 100

65 29.9 24.2 36.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.95

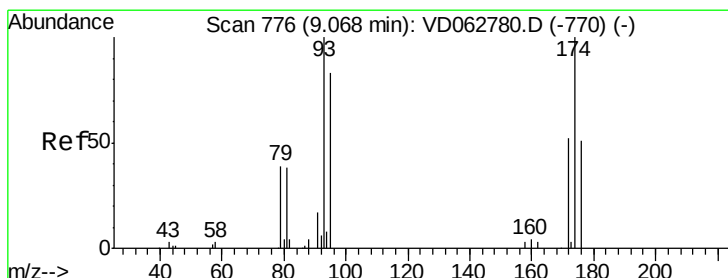
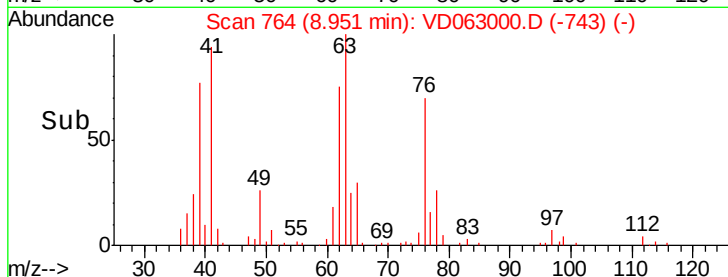
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 52.181 ug/l

RT: 9.07 min Scan# 776

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

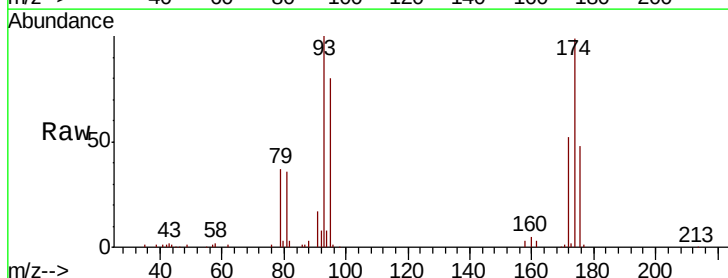
Tgt Ion: 93 Resp: 280161

Ion Ratio Lower Upper

93 100

95 80.2 66.6 100.0

174 99.0 79.7 119.5



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

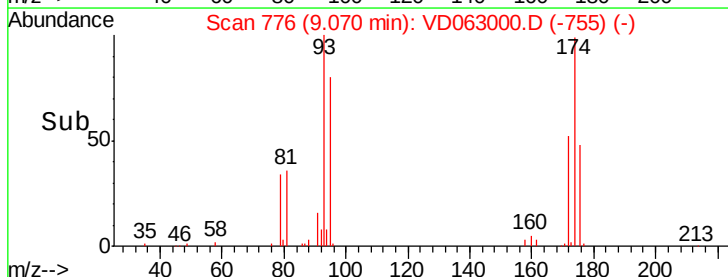
150000

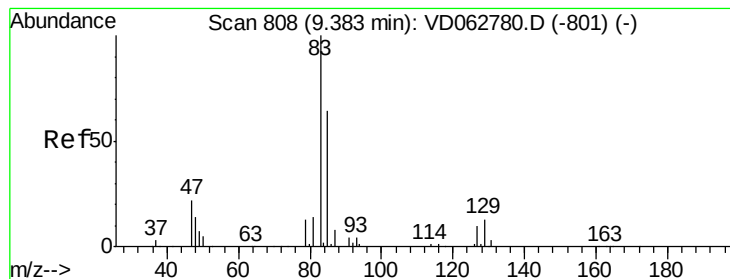
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 53.134 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampleId :

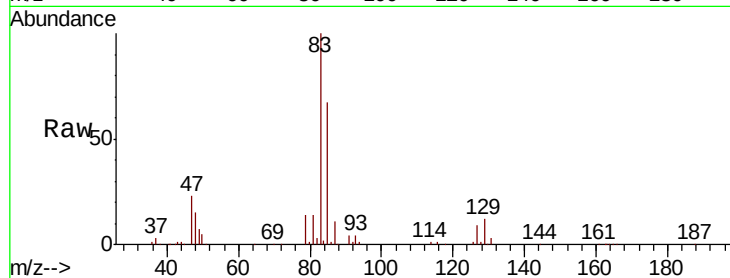
Tot Ion: 83 Resp: 740887

Ion Ratio Lower Upper

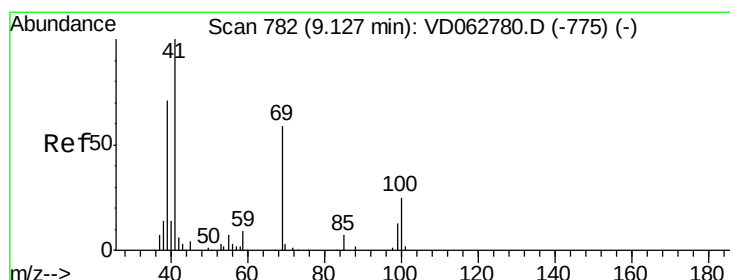
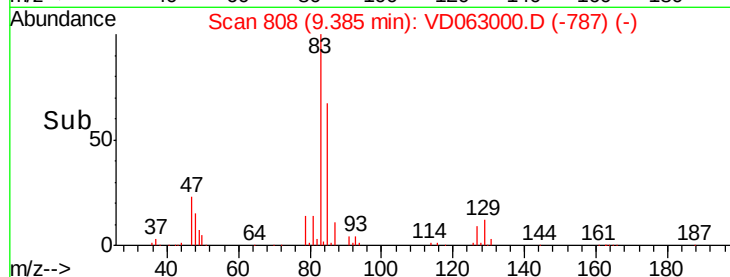
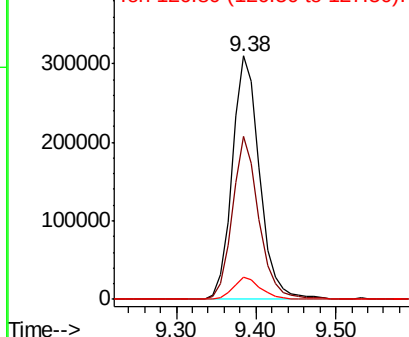
83 100

85 67.2 51.6 77.4

127 9.0 7.8 11.6



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 49.272 ug/l

RT: 9.13 min Scan# 782

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

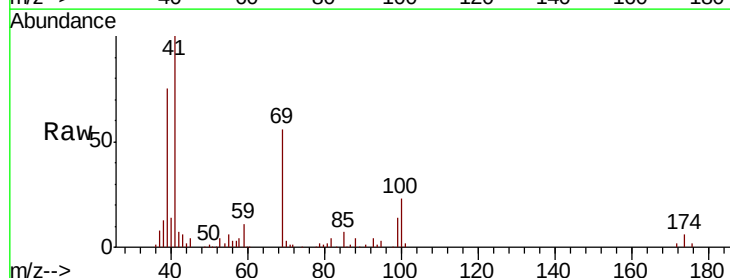
Tgt Ion: 41 Resp: 229865

Ion Ratio Lower Upper

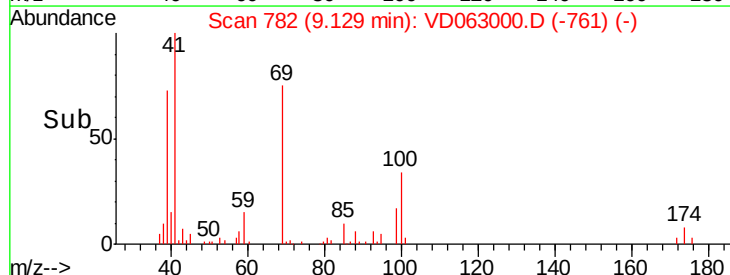
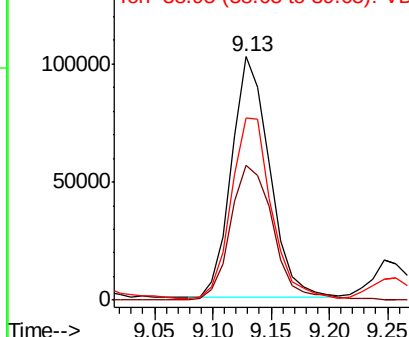
41 100

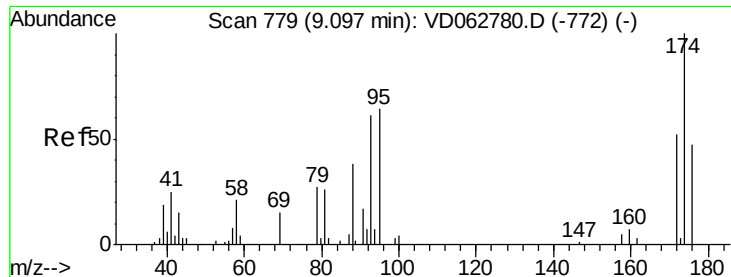
69 55.5 47.2 70.8

39 74.7 57.4 86.2



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

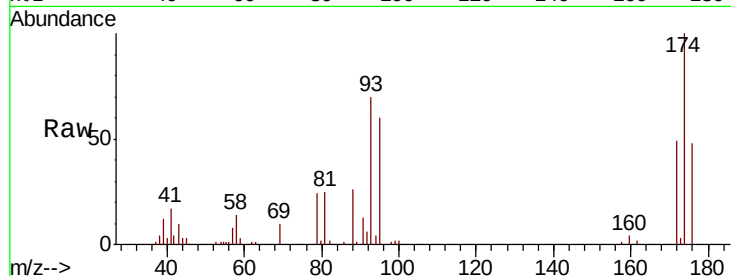




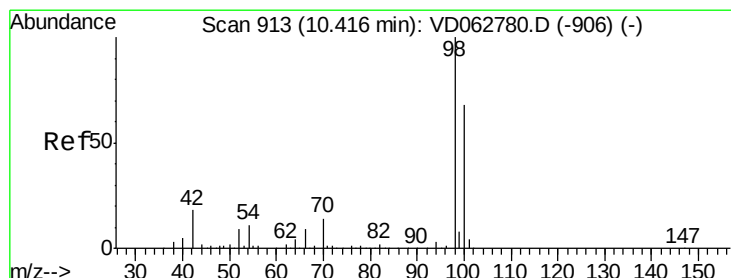
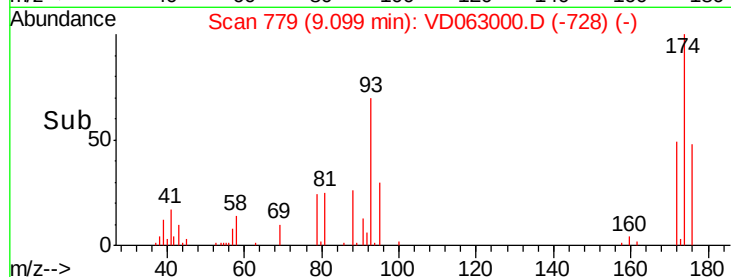
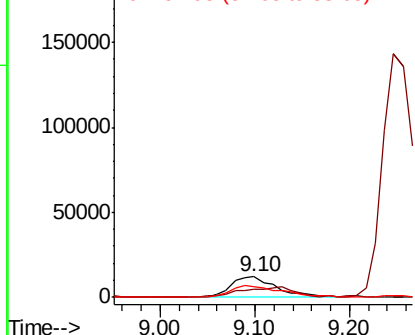
#49
1,4-Dioxane
Concen: 1040.520 ug/l
RT: 9.10 min Scan# 779
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 40386
Ion Ratio Lower Upper
88 100
43 37.5 32.1 48.1
58 52.3 44.1 66.1

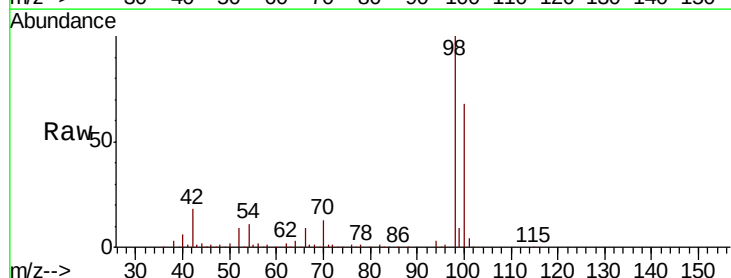


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

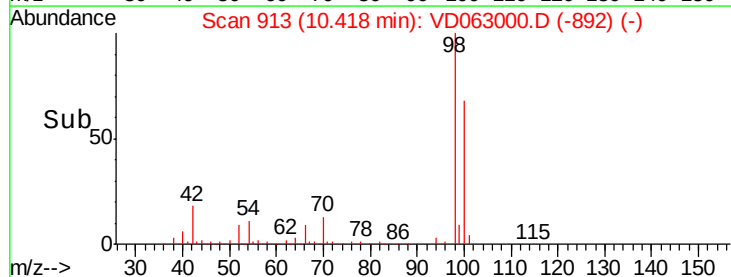
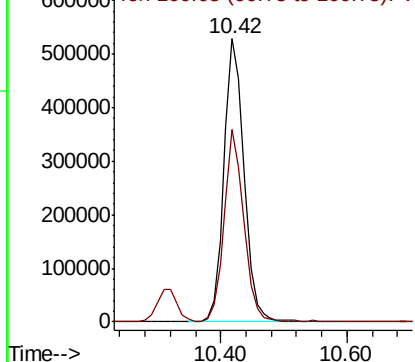


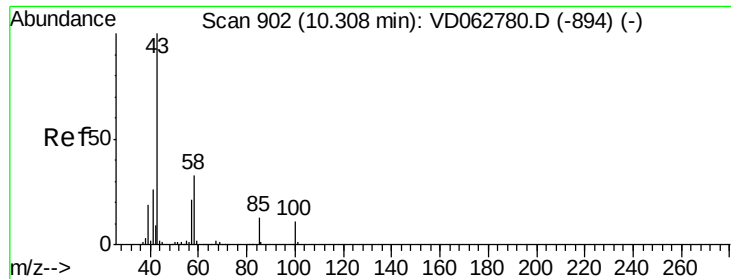
#50
Toluene-d8
Concen: 48.162 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 98 Resp: 1169169
Ion Ratio Lower Upper
98 100
100 68.2 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

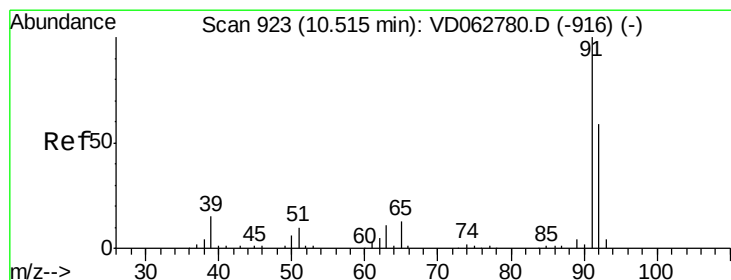
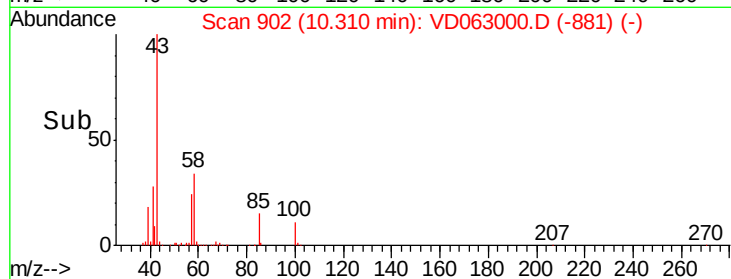
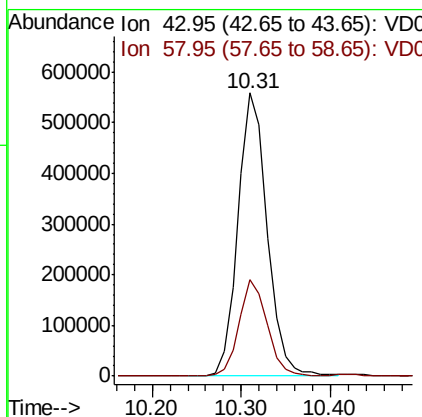
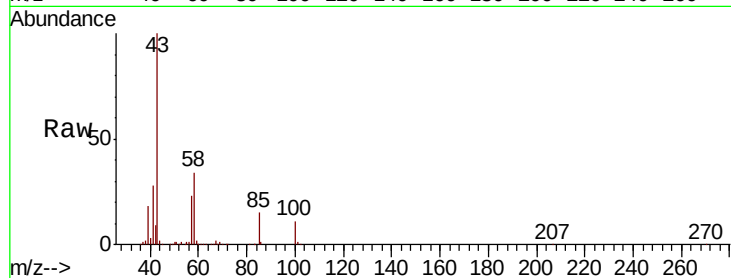




#51
 4-Methyl-2-Pentanone
 Concen: 273.614 ug/l
 RT: 10.31 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

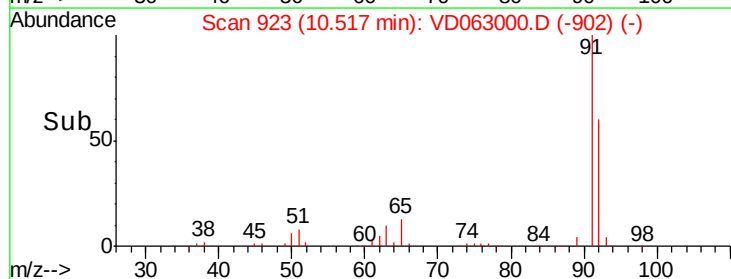
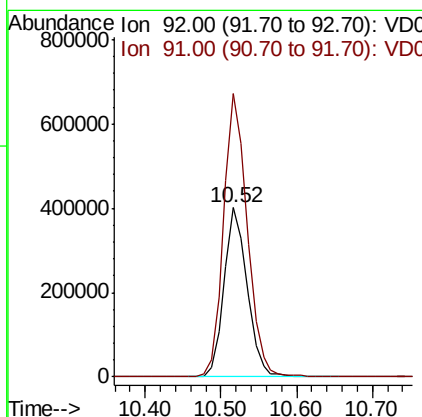
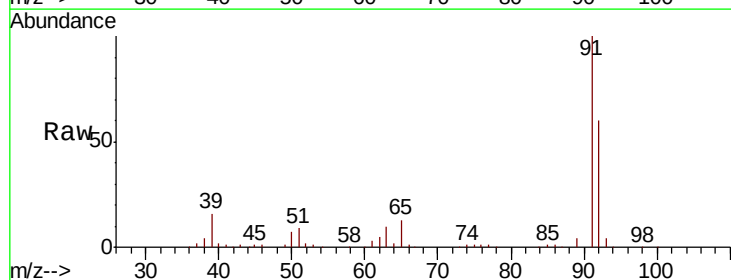
Instrument :
 MSVOA_D
 ClientSampled :

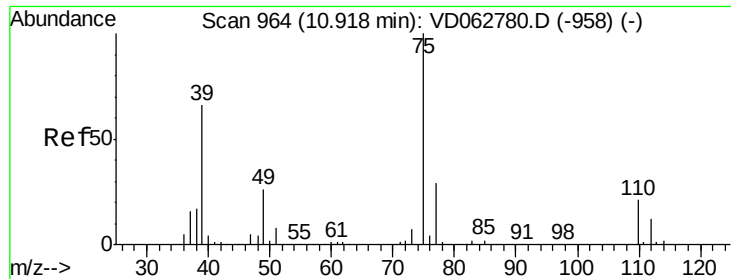
Tot Ion: 43 Resp: 1273537
 Ion Ratio Lower Upper
 43 100
 58 34.2 26.6 40.0



#52
 Toluene
 Concen: 50.294 ug/l
 RT: 10.52 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

Tgt Ion: 92 Resp: 849789
 Ion Ratio Lower Upper
 92 100
 91 167.5 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 55.095 ug/l

RT: 10.92 min Scan# 964

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

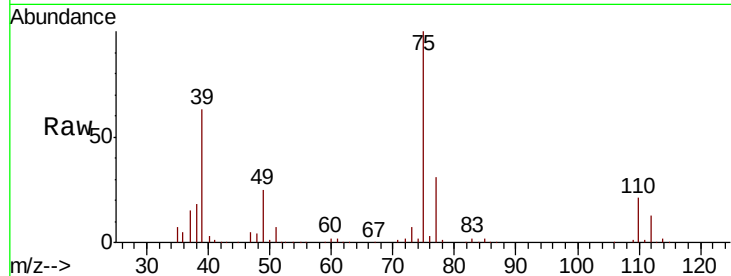
ClientSampleId :

Tot Ion: 75 Resp: 628787

Ion Ratio Lower Upper

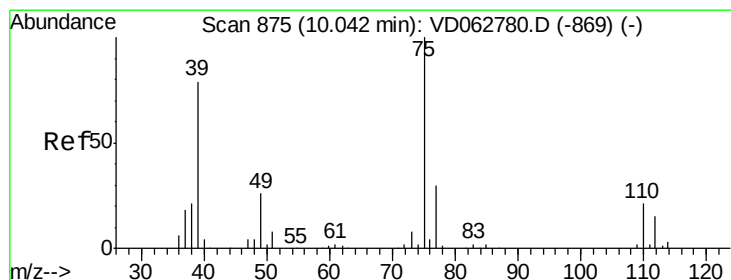
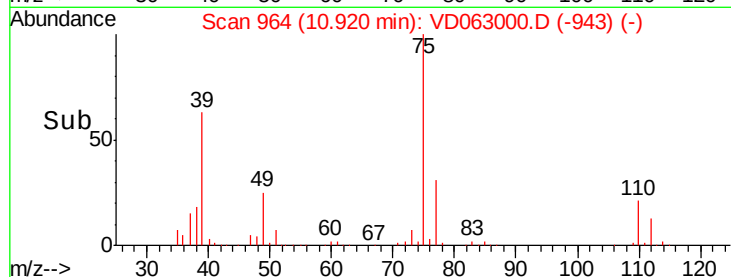
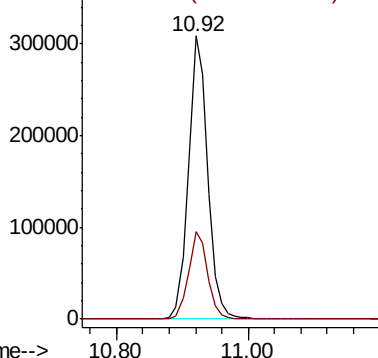
75 100

77 30.9 23.2 34.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.803 ug/l

RT: 10.04 min Scan# 875

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

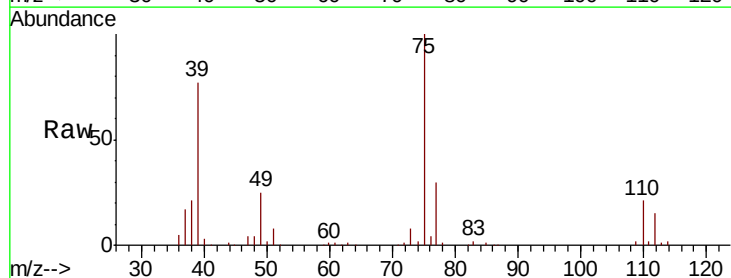
Tgt Ion: 75 Resp: 655015

Ion Ratio Lower Upper

75 100

77 30.1 24.2 36.2

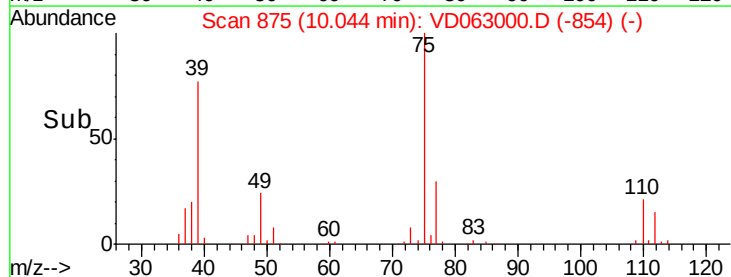
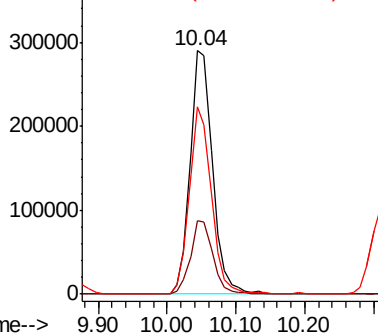
39 77.1 63.5 95.3

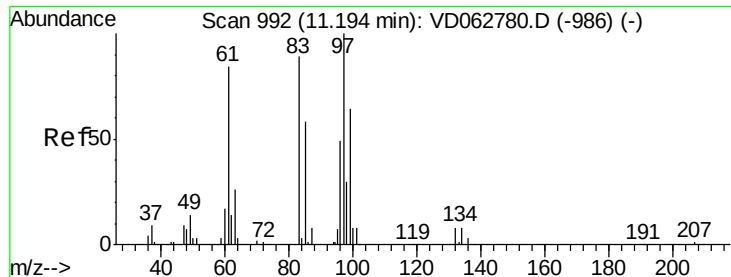


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 53.206 ug/l

RT: 11.20 min Scan# 992

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 97 Resp: 308860

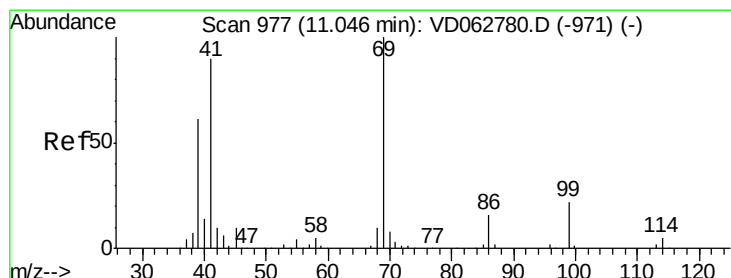
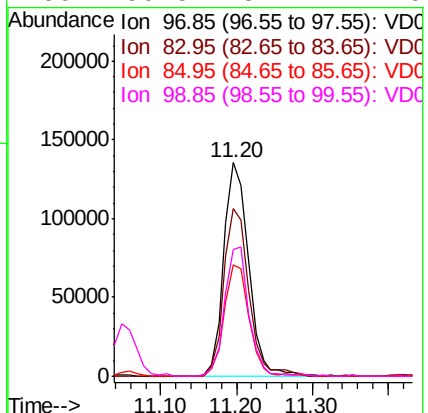
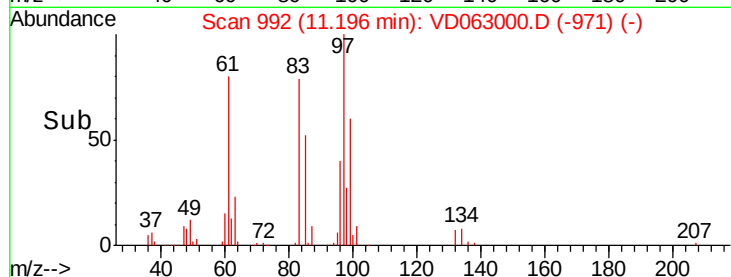
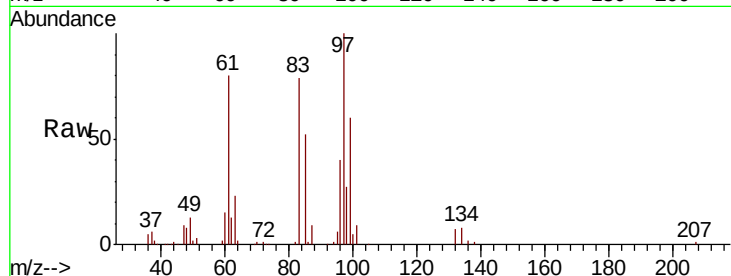
Ion	Ratio	Lower	Upper
97	100		
83	78.8	71.0	106.4
85	52.2	46.6	69.8
99	59.5	51.4	77.0

Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 51.928 ug/l

RT: 11.05 min Scan# 977

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

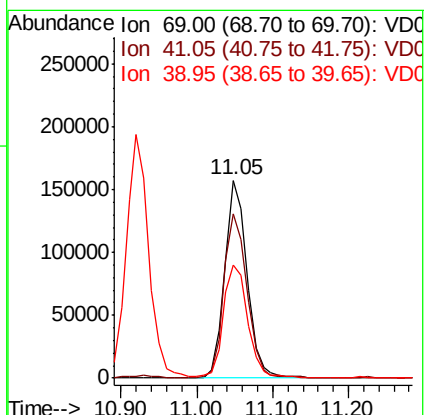
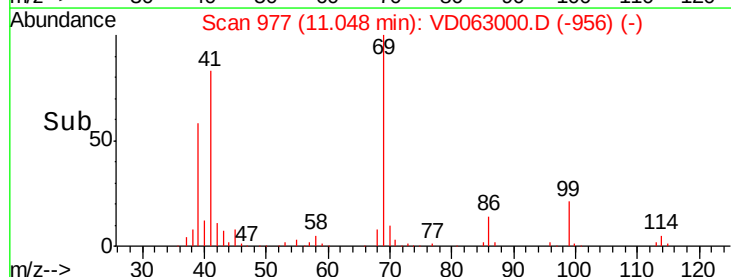
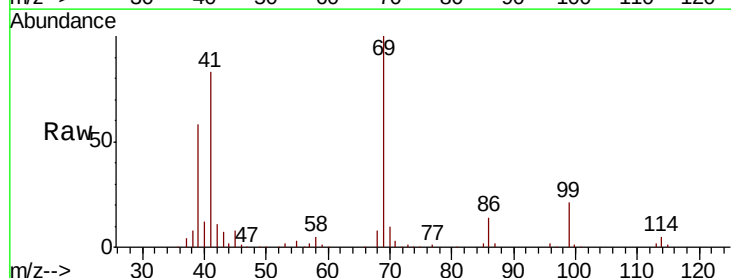
Tgt Ion: 69 Resp: 322142

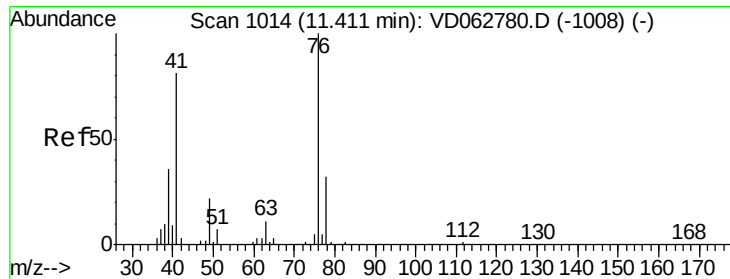
Ion	Ratio	Lower	Upper
69	100		
41	83.0	72.0	108.0
39	57.5	49.5	74.3

Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 52.389 ug/l

RT: 11.42 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

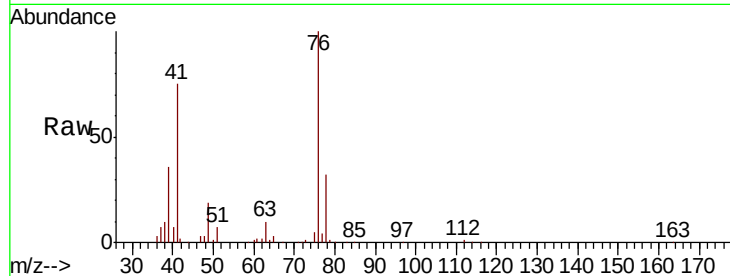
ClientSampleId :

Tot Ion: 76 Resp: 465647

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.42

250000

200000

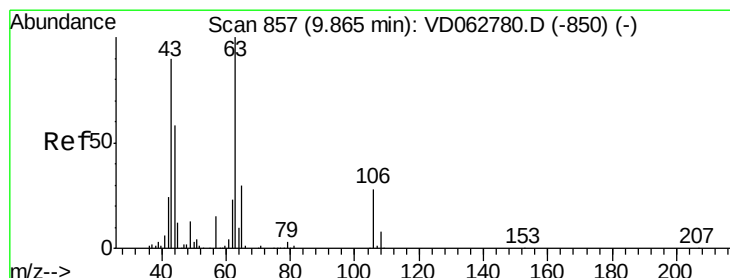
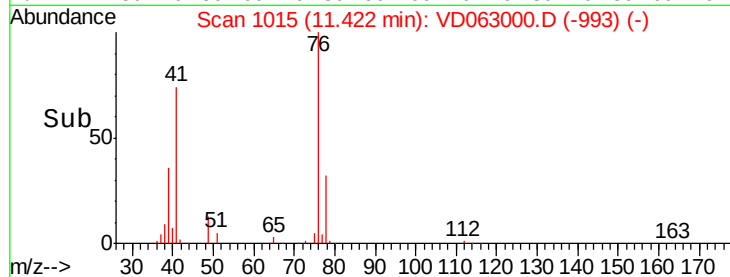
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#58

2-Chloroethyl Vinyl ether

Concen: 266.224 ug/l

RT: 9.87 min Scan# 857

Delta R.T. 0.00 min

Lab File: VD063000.D

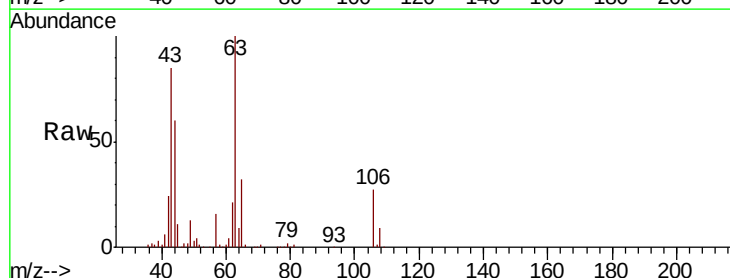
Acq: 2 Jul 2019 10:20

Tgt Ion: 63 Resp: 847889

Ion Ratio Lower Upper

63 100

106 26.5 22.1 33.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.87

400000

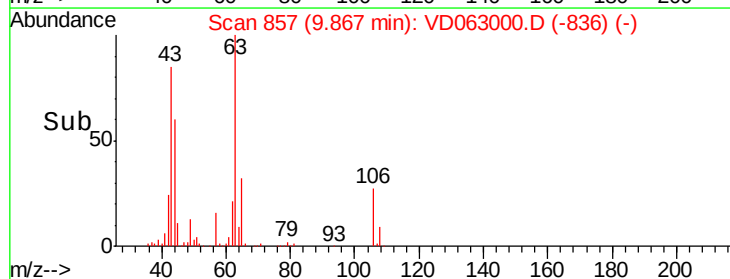
300000

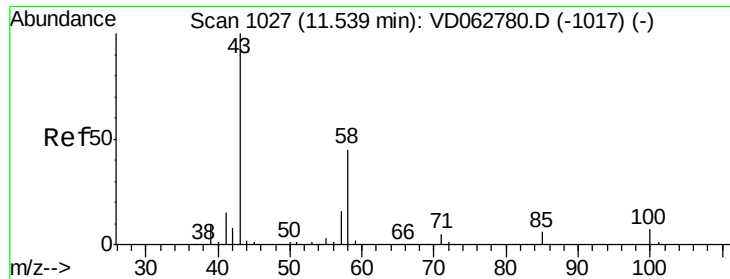
200000

100000

0

Time--> 9.70 9.80 9.90 10.00

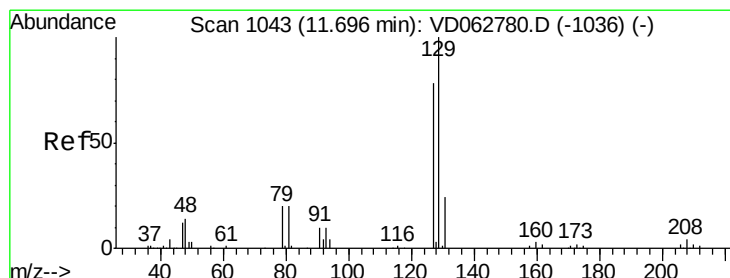
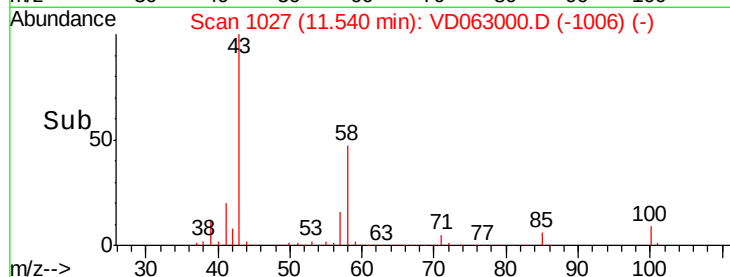
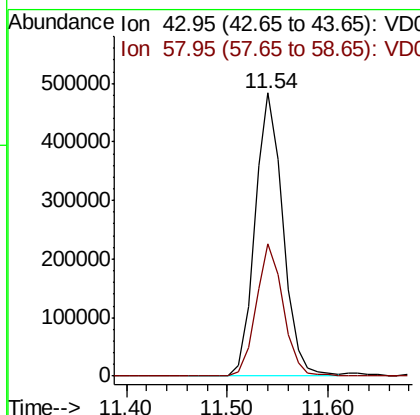
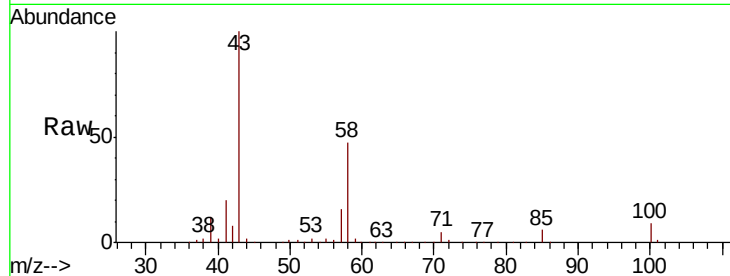




#59
2-Hexanone
Concen: 280.670 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

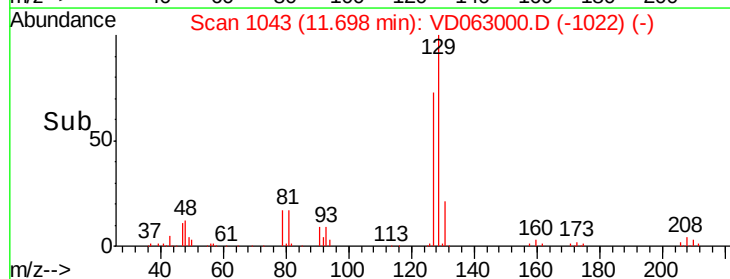
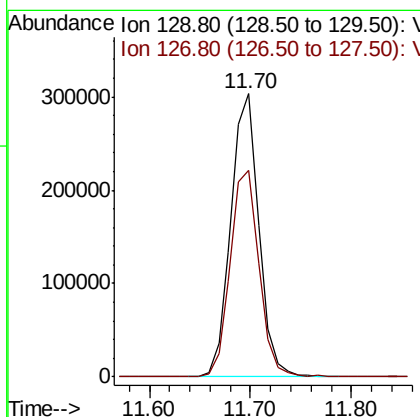
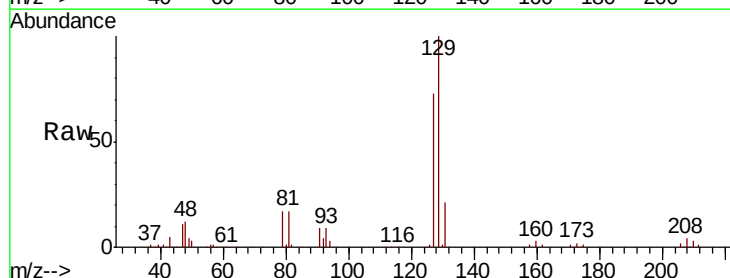
Instrument :
MSVOA_D
ClientSampled :

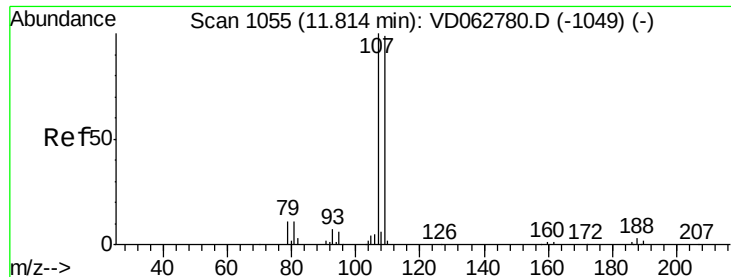
Tot Ion: 43 Resp: 930389
Ion Ratio Lower Upper
43 100
58 46.8 22.4 67.2



#60
Dibromochloromethane
Concen: 54.021 ug/l
RT: 11.70 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 129 Resp: 584099
Ion Ratio Lower Upper
129 100
127 73.2 38.9 116.6

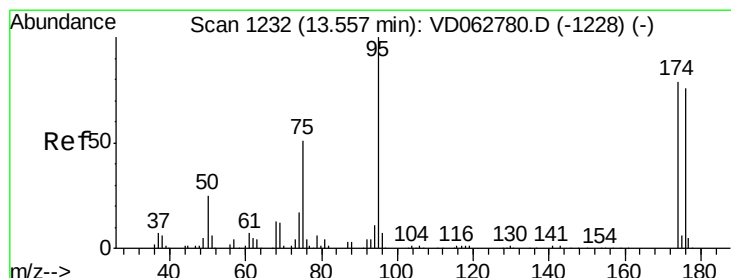
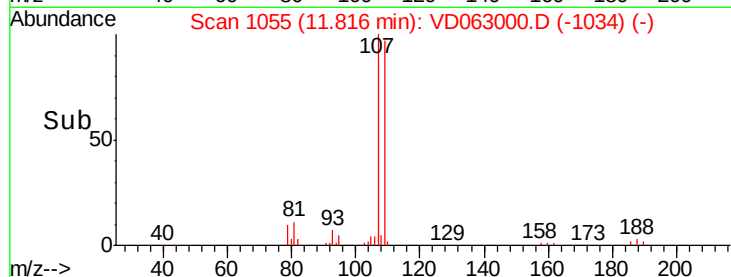
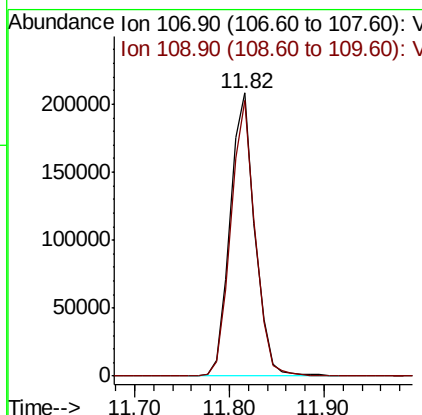
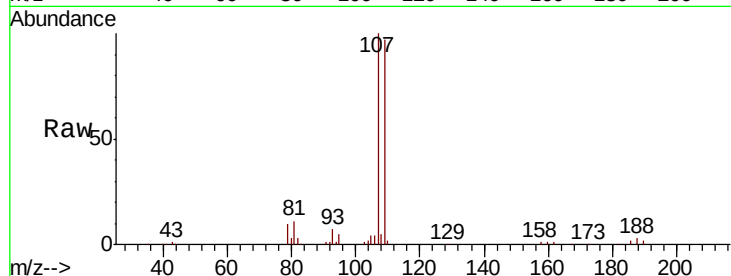




#61
 1,2-Dibromoethane
 Concen: 55.144 ug/l
 RT: 11.82 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

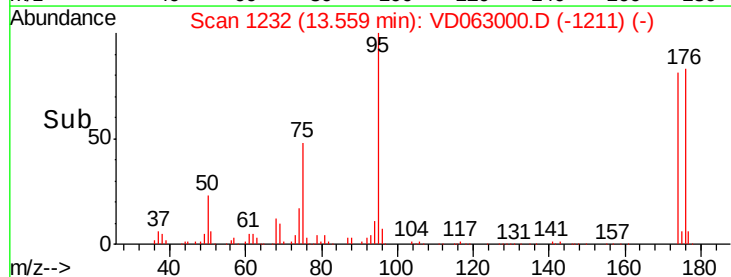
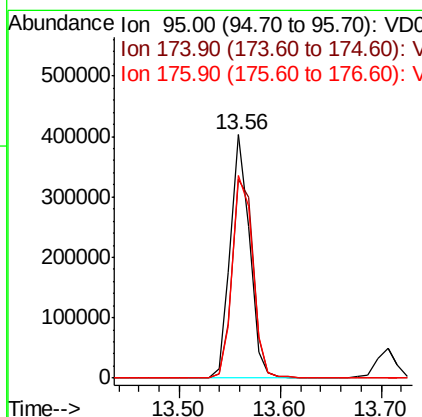
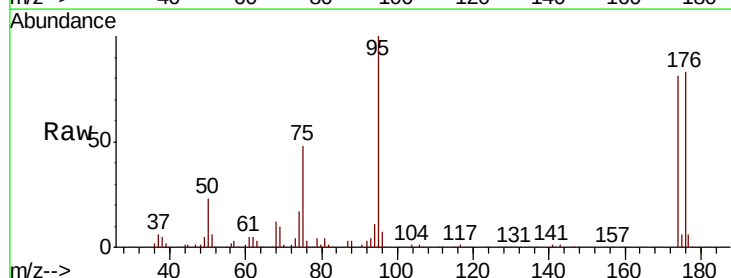
Instrument :
 MSVOA_D
 ClientSampleId :

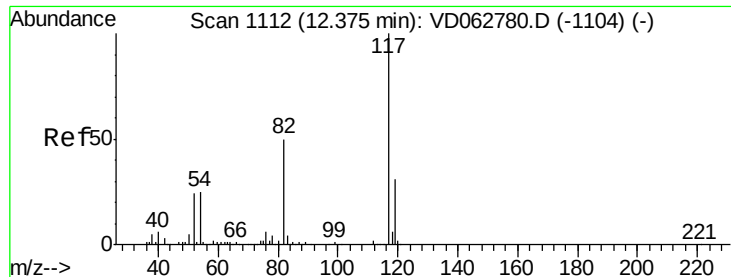
Tot Ion: 107 Resp: 378060
 Ion Ratio Lower Upper
 107 100
 109 97.3 79.3 118.9



#62
 4-Bromofluorobenzene
 Concen: 48.333 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

Tgt Ion: 95 Resp: 533523
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 158.0
 176 83.2 0.0 151.6

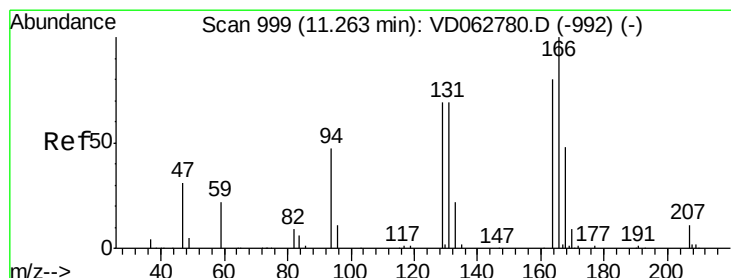
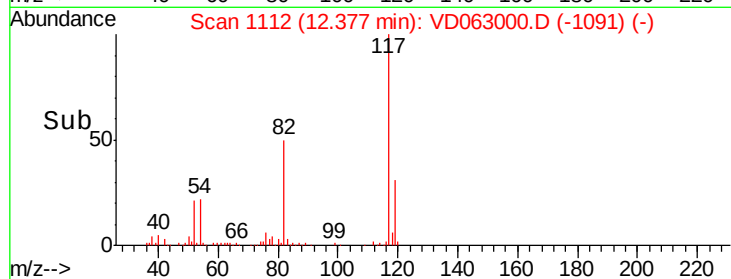
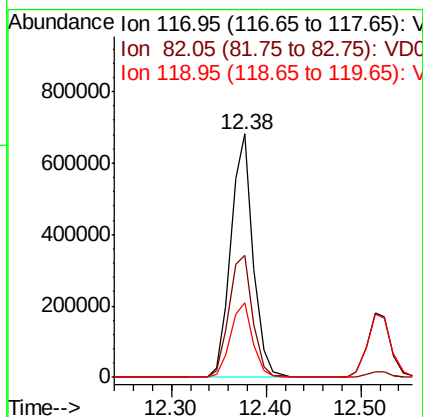
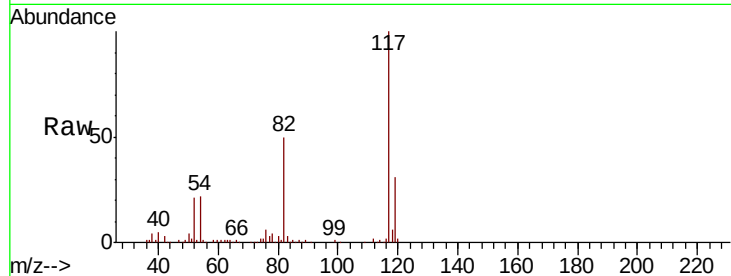




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

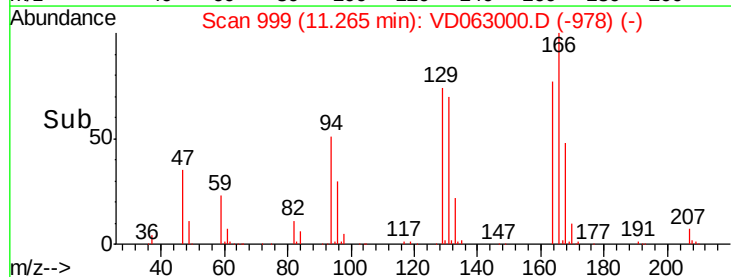
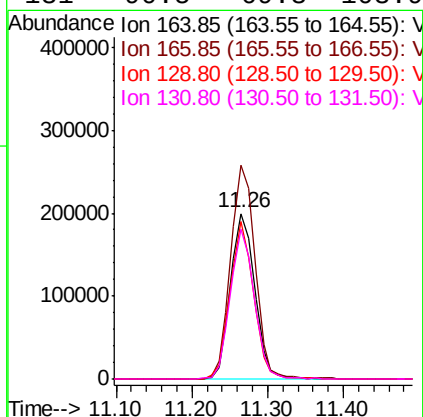
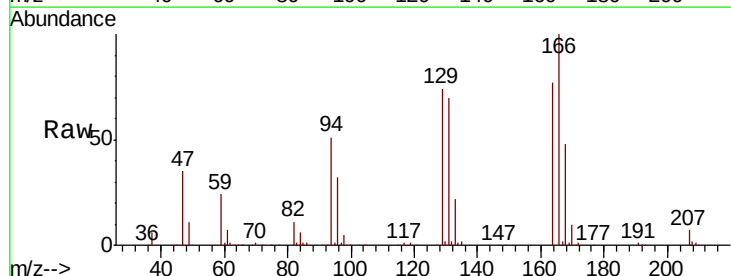
Instrument :
MSVOA_D
ClientSampled :

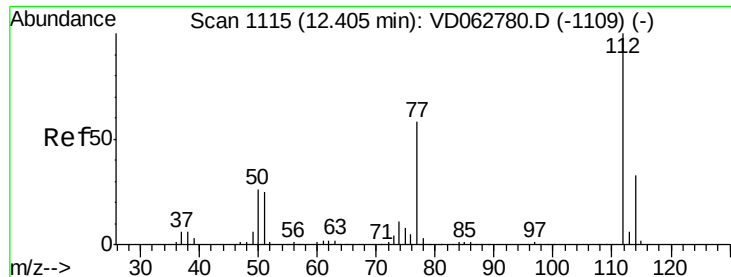
Tot Ion:117 Resp: 1105588
Ion Ratio Lower Upper
117 100
82 49.9 40.4 60.6
119 30.8 25.2 37.8



#64
Tetrachloroethene
Concen: 48.774 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion:164 Resp: 443805
Ion Ratio Lower Upper
164 100
166 129.3 100.6 150.8
129 95.5 69.4 104.0
131 90.5 69.3 103.9

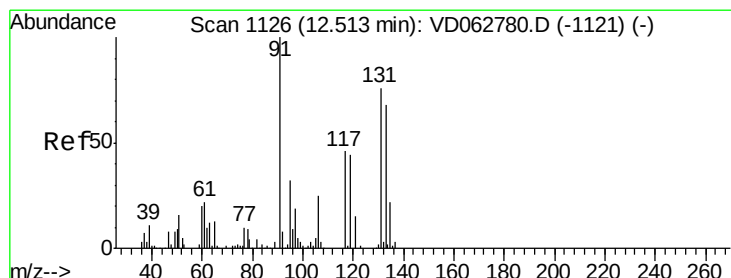
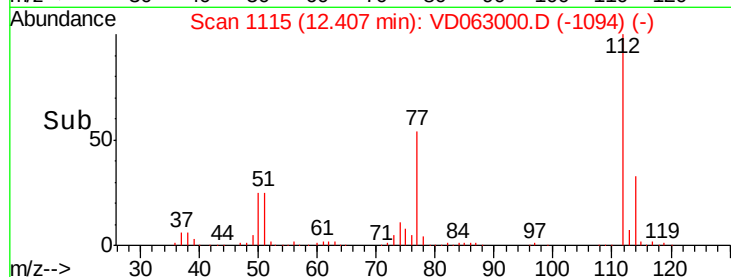
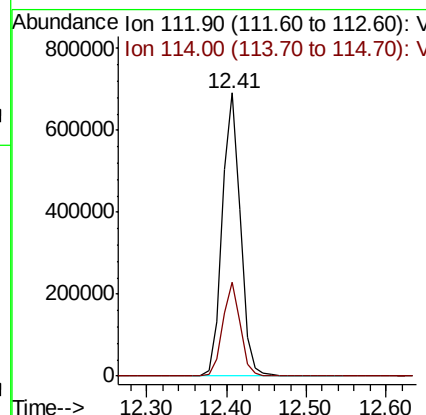
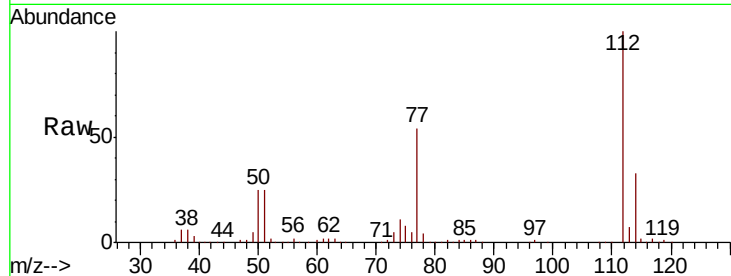




#65
Chlorobenzene
Concen: 54.184 ug/l
RT: 12.41 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

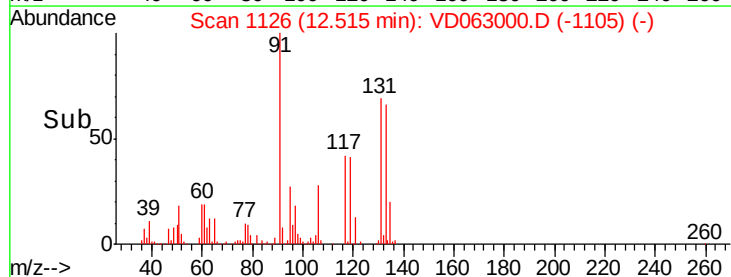
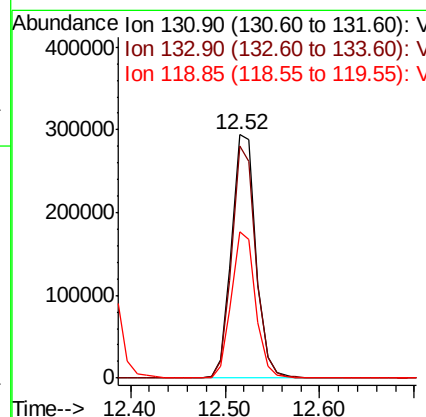
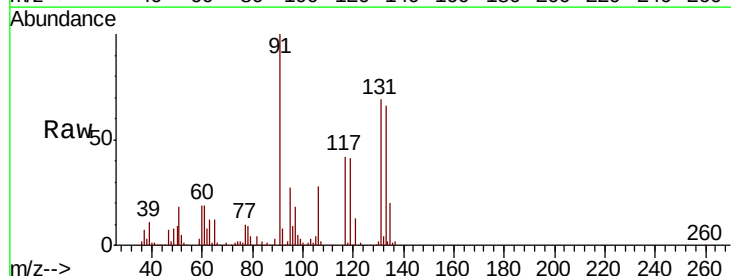
Instrument :
MSVOA_D
ClientSampled :

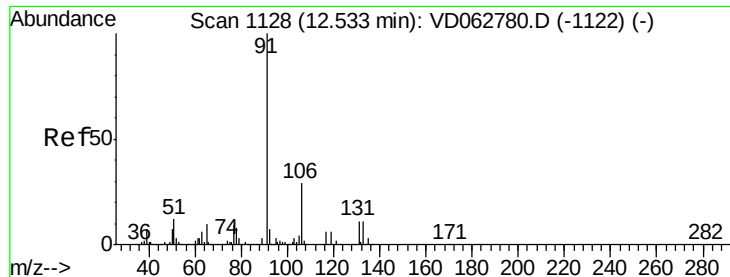
Tot Ion:112 Resp: 1111772
Ion Ratio Lower Upper
112 100
114 33.2 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.687 ug/l
RT: 12.52 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion:131 Resp: 524753
Ion Ratio Lower Upper
131 100
133 95.5 44.5 133.3
119 60.1 28.6 85.9

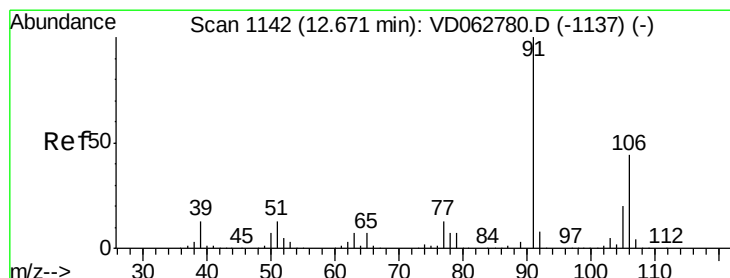
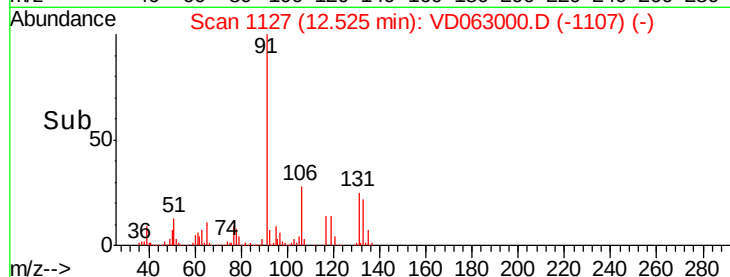
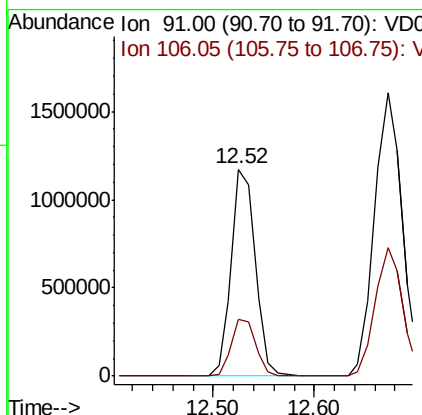
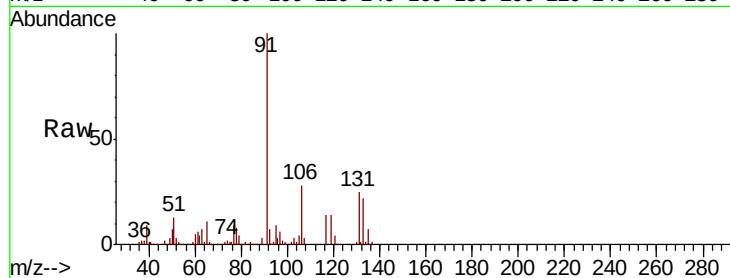




#67
Ethyl Benzene
Concen: 52.917 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

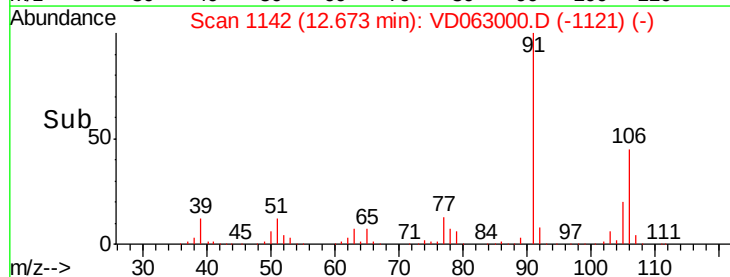
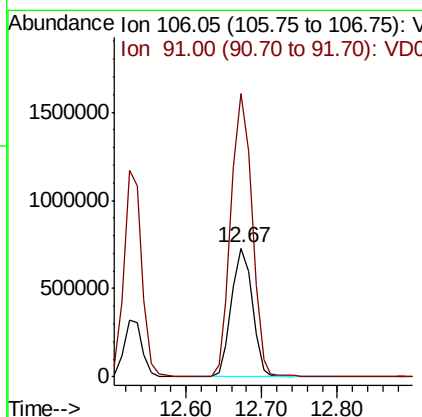
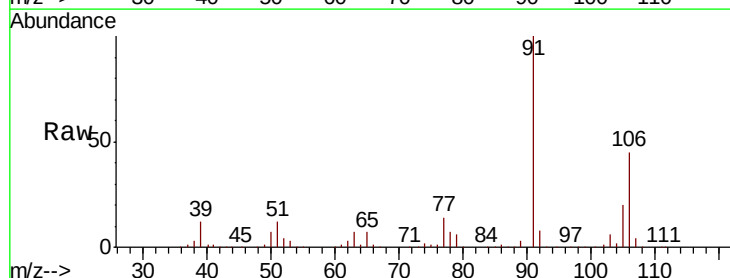
Instrument :
MSVOA_D
ClientSampleId :

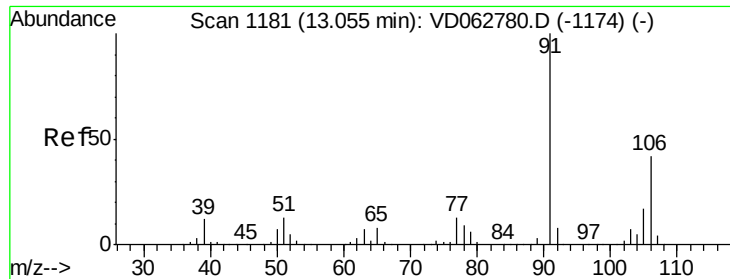
Tot Ion: 91 Resp: 1949388
Ion Ratio Lower Upper
91 100
106 27.6 23.1 34.7



#68
m/p-Xylenes
Concen: 108.183 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 106 Resp: 1388049
Ion Ratio Lower Upper
106 100
91 220.1 183.0 274.6

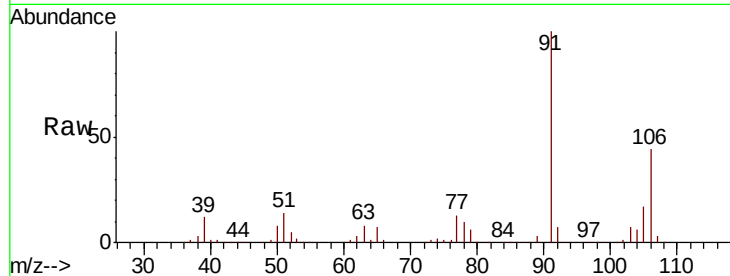




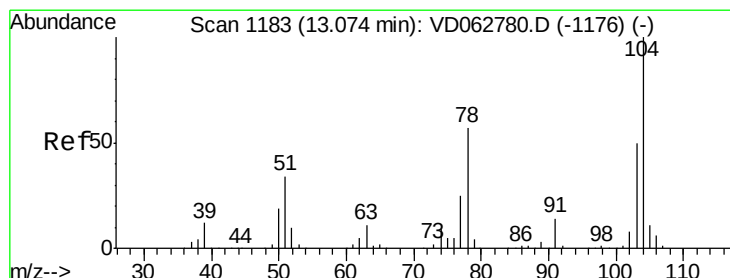
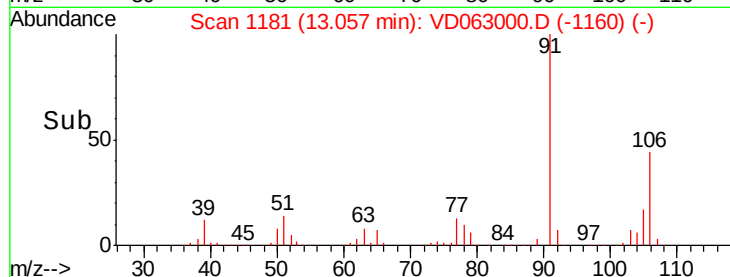
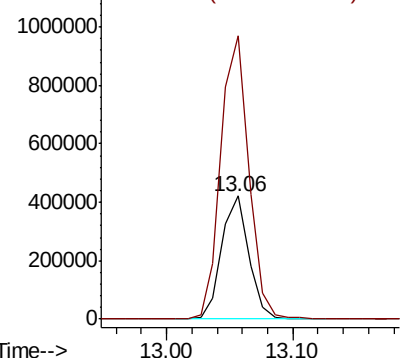
#69
o-Xylene
Concen: 53.418 ug/l
RT: 13.06 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 626543
Ion Ratio Lower Upper
106 100
91 229.5 117.9 353.6

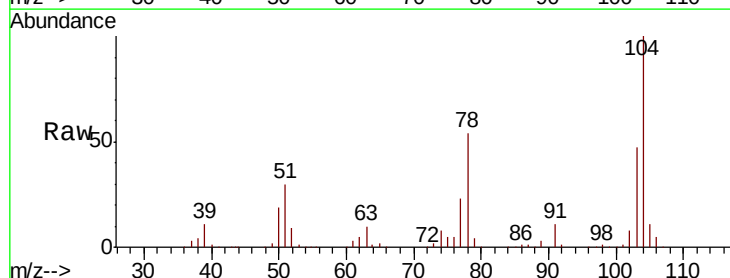


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

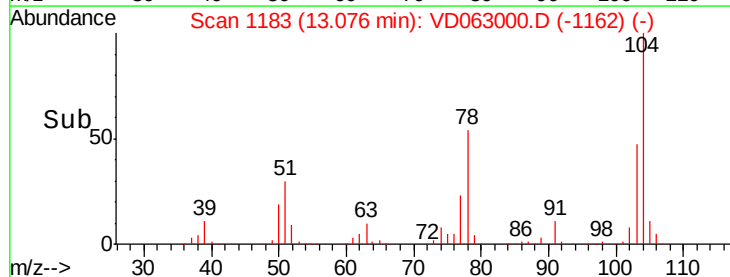
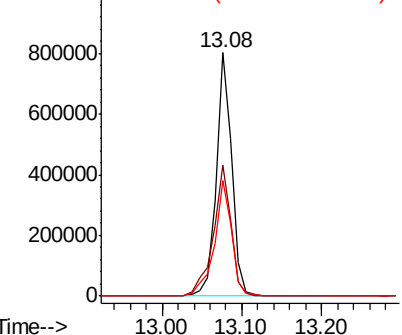


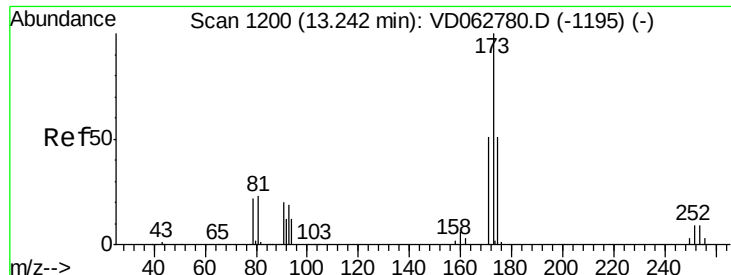
#70
Styrene
Concen: 53.198 ug/l
RT: 13.08 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion:104 Resp: 1095966
Ion Ratio Lower Upper
104 100
78 53.8 45.4 68.2
103 47.3 39.7 59.5



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 54.885 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampled :

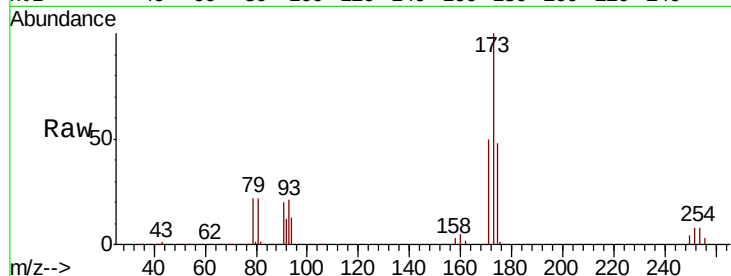
Tot Ion:173 Resp: 360834

Ion Ratio Lower Upper

173 100

175 48.4 25.3 75.9

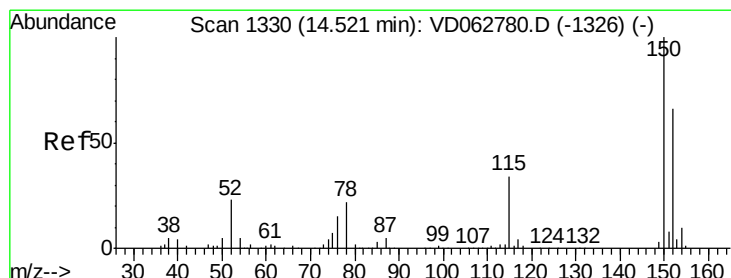
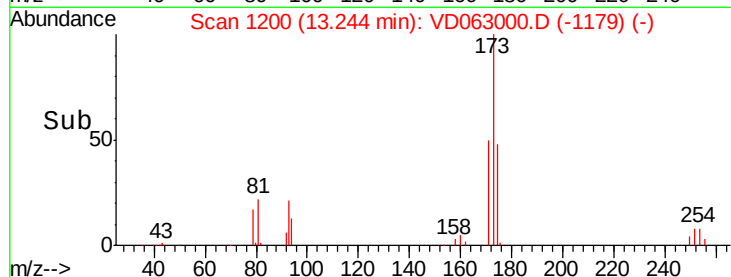
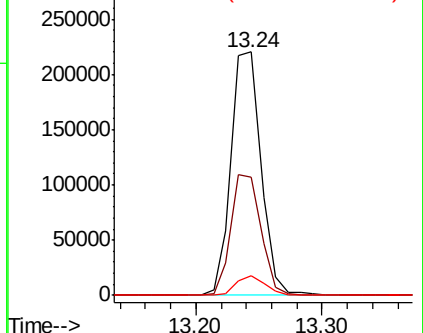
254 7.9 7.1 10.7



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

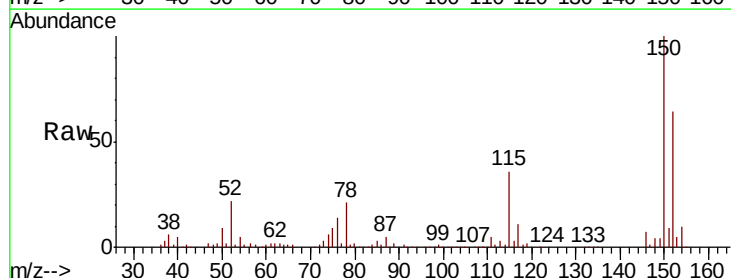
Tgt Ion:152 Resp: 569899

Ion Ratio Lower Upper

152 100

115 55.3 29.2 87.6

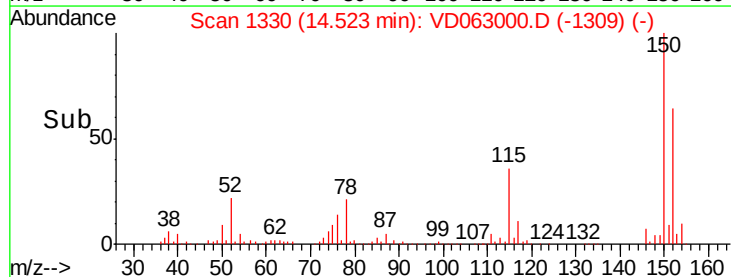
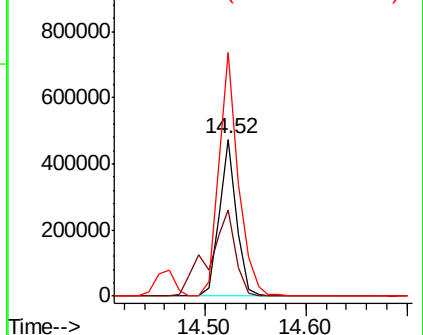
150 155.2 0.0 305.8

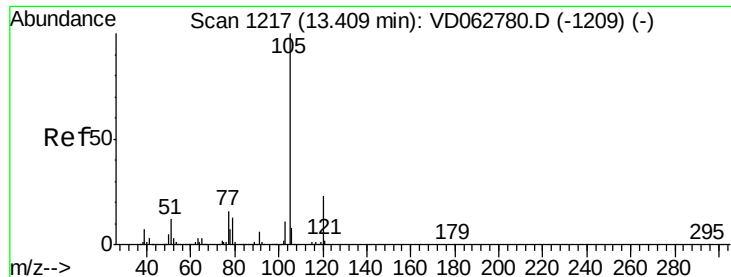


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.280 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

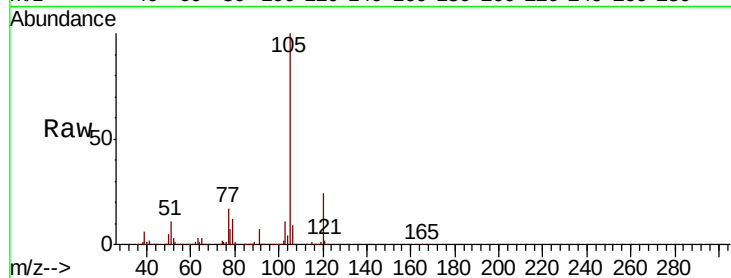
ClientSampled :

Tot Ion:105 Resp: 1946881

Ion Ratio Lower Upper

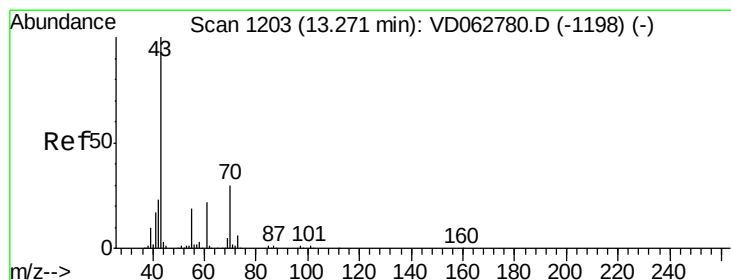
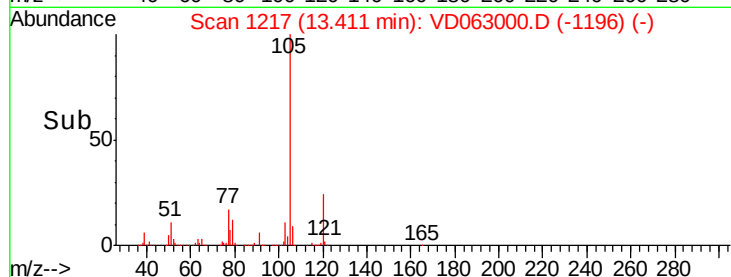
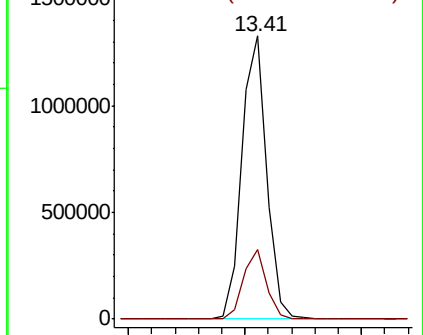
105 100

120 24.5 11.6 34.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 62.038 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Tgt Ion: 43 Resp: 550513

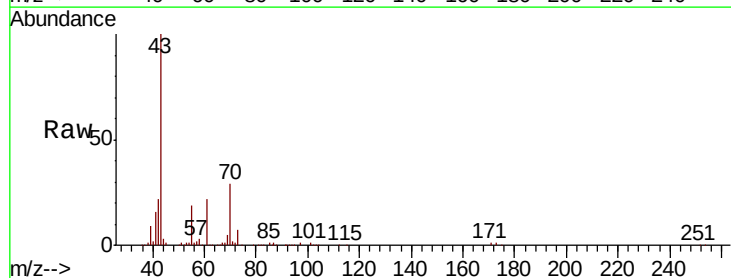
Ion Ratio Lower Upper

43 100

70 29.0 24.4 36.6

55 19.1 15.2 22.8

61 22.2 17.4 26.2

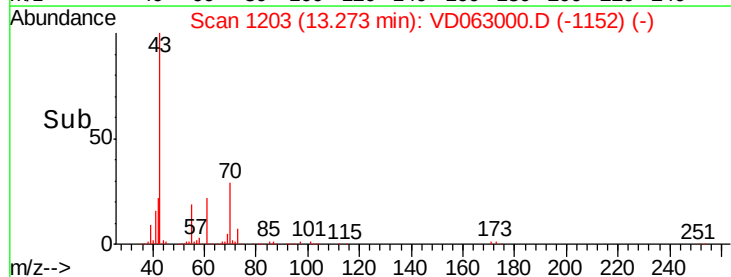
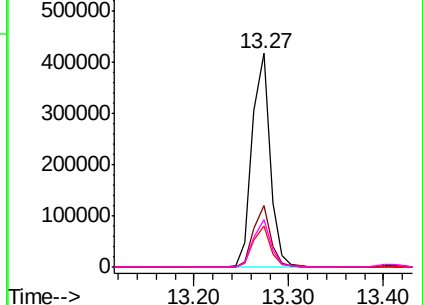


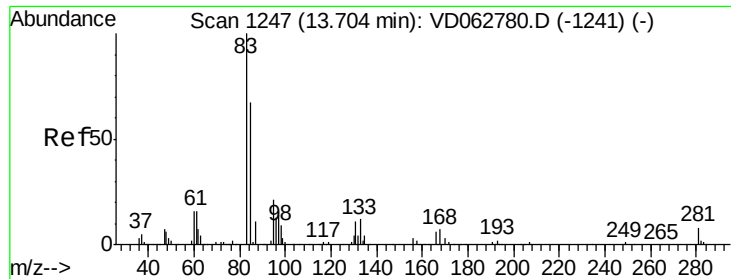
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 61.069 ug/l

RT: 13.71 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampleId :

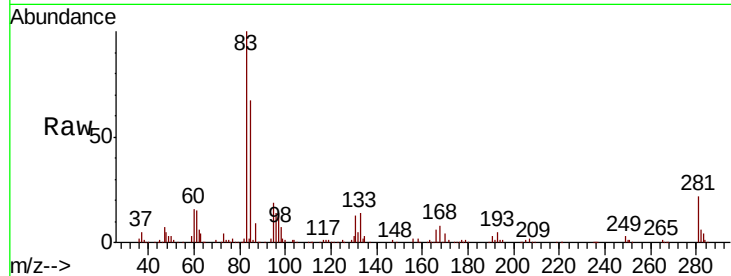
Tot Ion: 83 Resp: 363588

Ion	Ratio	Lower	Upper
83	100		
131	12.5	5.3	16.1
85	67.4	33.7	101.1

83 100

131 12.5 5.3 16.1

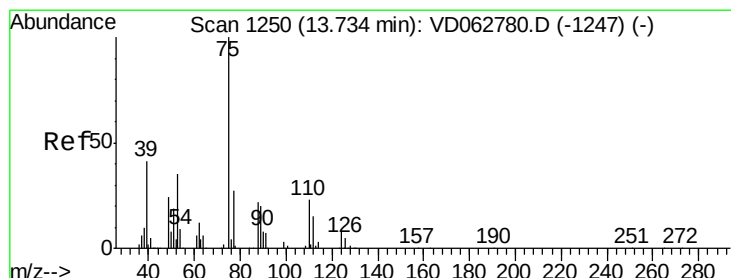
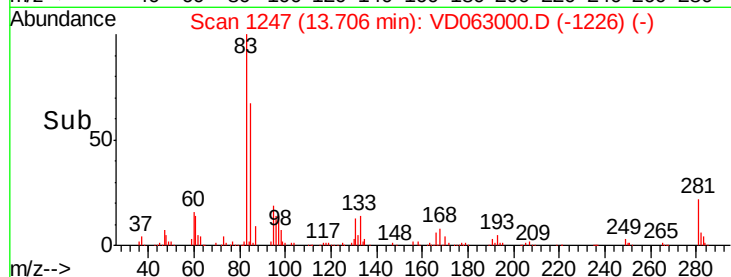
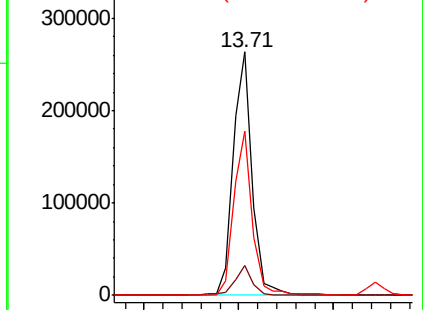
85 67.4 33.7 101.1



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 57.811 ug/l

RT: 13.74 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD063000.D

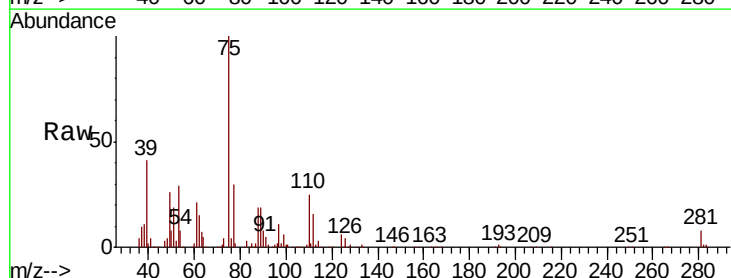
Acq: 2 Jul 2019 10:20

Tgt Ion: 75 Resp: 380342

Ion	Ratio	Lower	Upper
75	100		
77	29.8	15.0	45.1

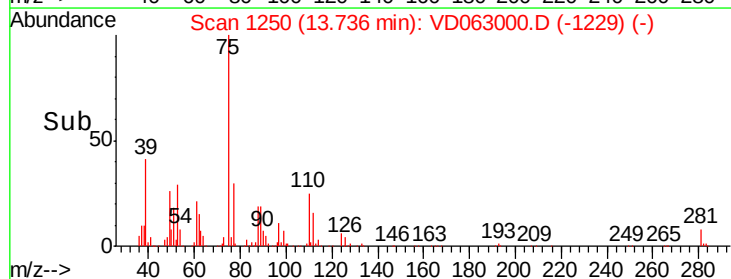
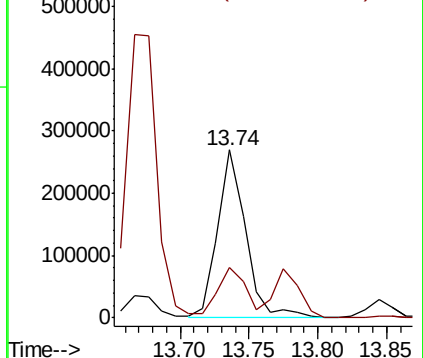
75 100

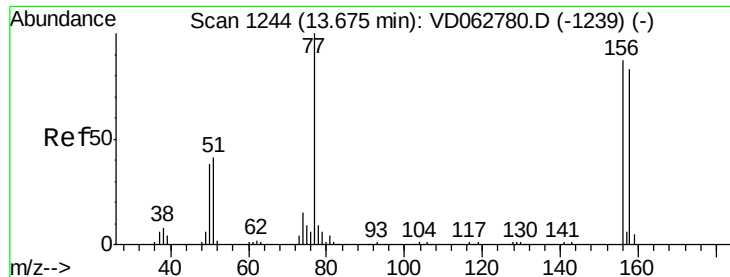
77 29.8 15.0 45.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 55.967 ug/l

RT: 13.68 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampleId :

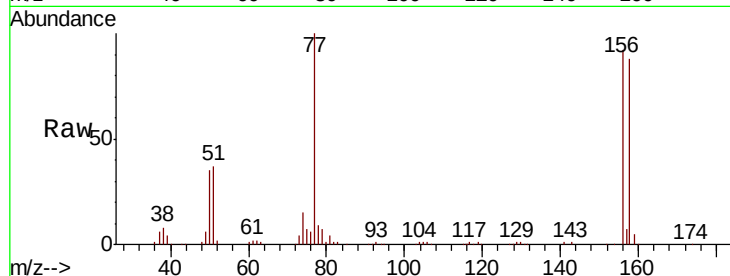
Tot Ion:156 Resp: 550072

Ion Ratio Lower Upper

156 100

77 108.6 57.7 173.1

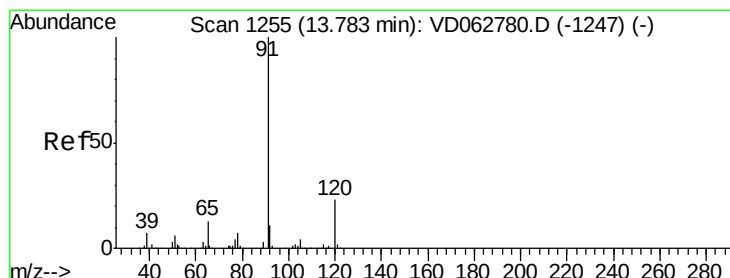
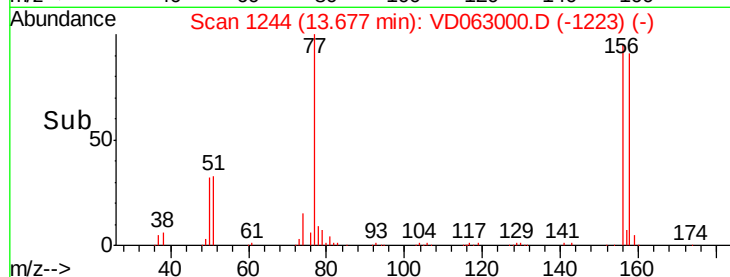
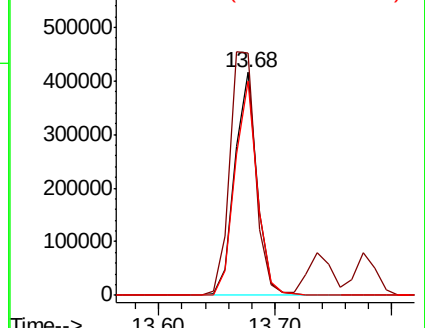
158 95.9 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 54.079 ug/l

RT: 13.78 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD063000.D

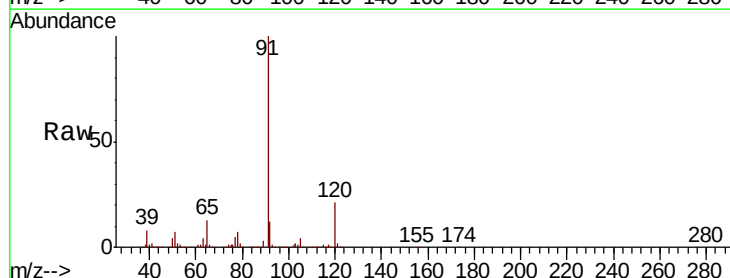
Acq: 2 Jul 2019 10:20

Tgt Ion: 91 Resp: 2300006

Ion Ratio Lower Upper

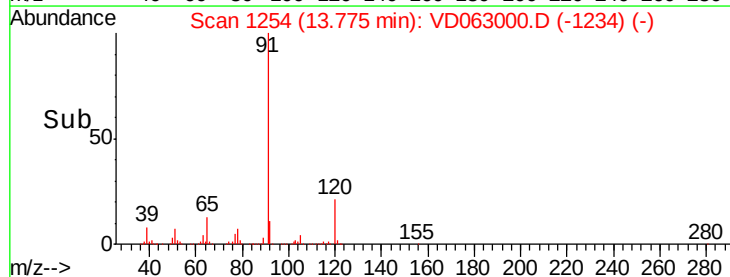
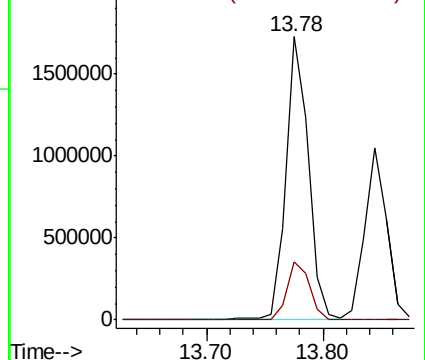
91 100

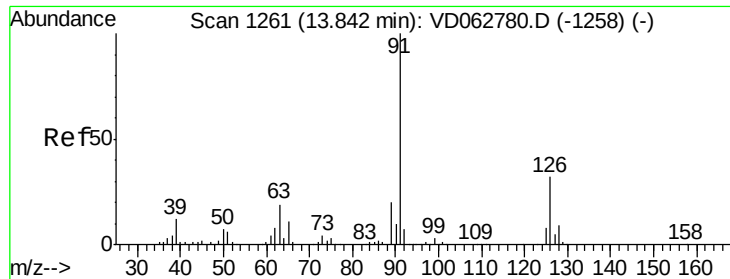
120 20.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 56.748 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

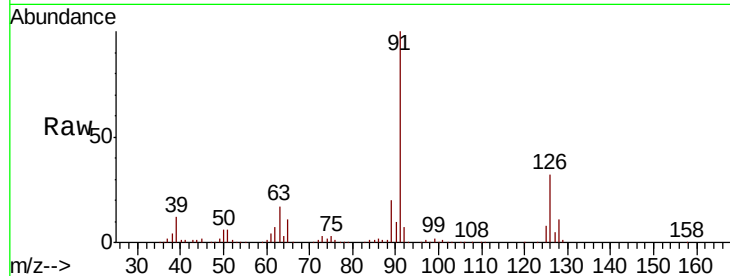
ClientSampleId :

Tot Ion: 91 Resp: 1379268

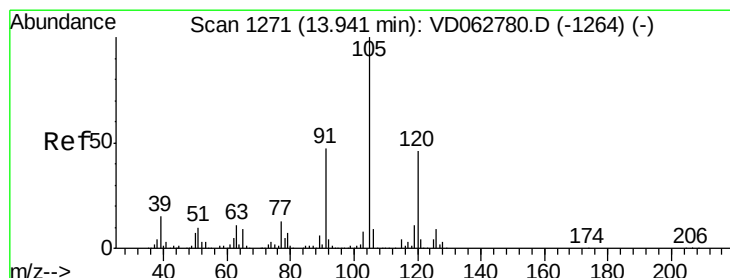
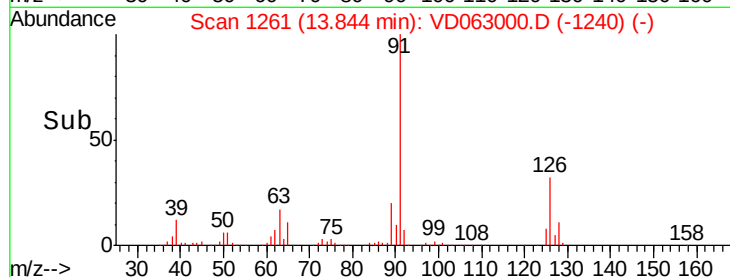
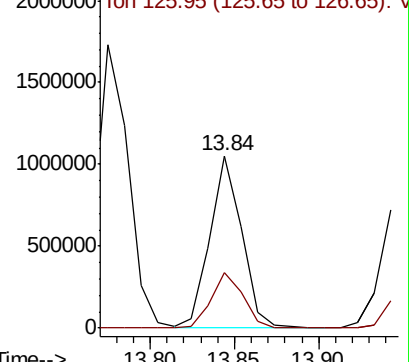
Ion Ratio Lower Upper

91 100

126 32.4 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 54.778 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD063000.D

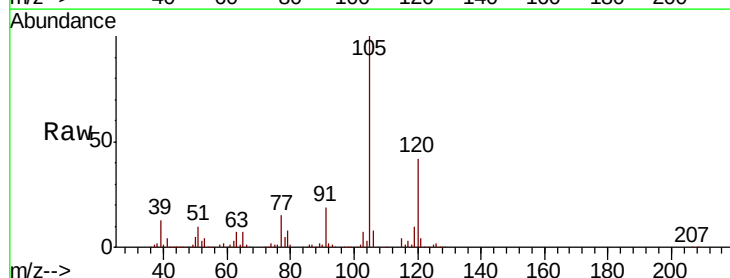
Acq: 2 Jul 2019 10:20

Tgt Ion:105 Resp: 1681289

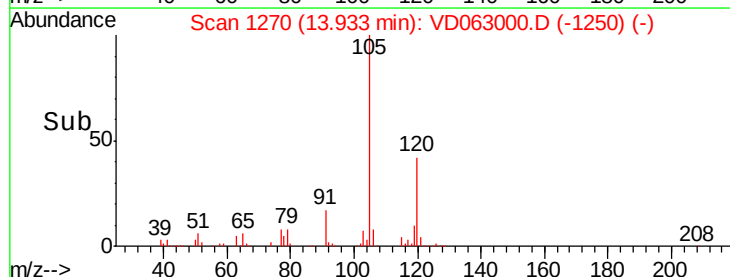
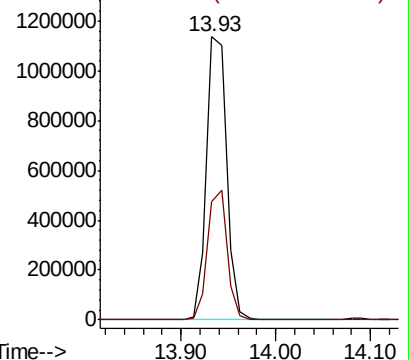
Ion Ratio Lower Upper

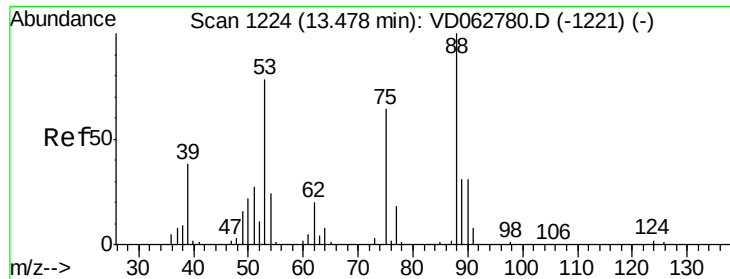
105 100

120 42.0 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

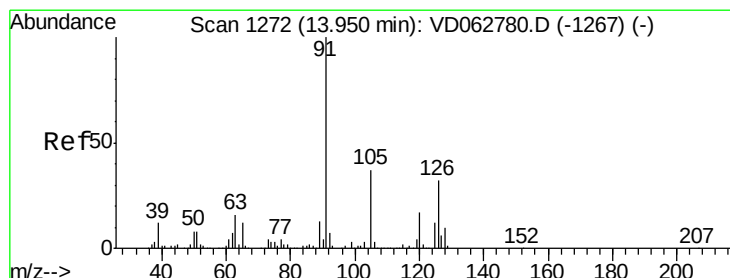
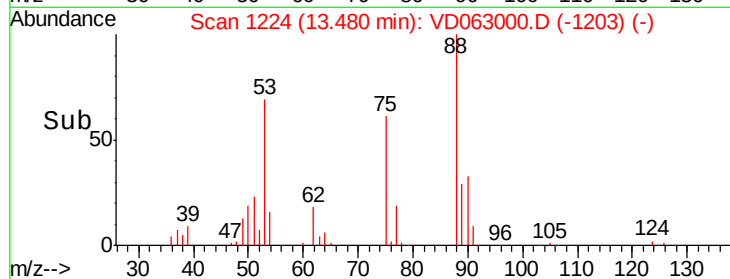
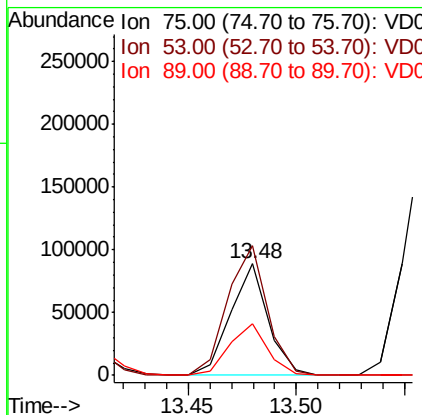
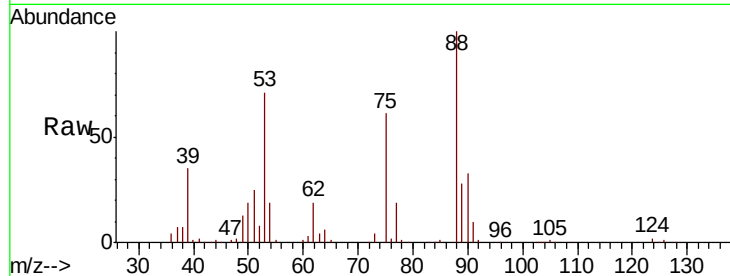




#81
trans-1,4-Dichloro-2-butene
Concen: 62.730 ug/l
RT: 13.48 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

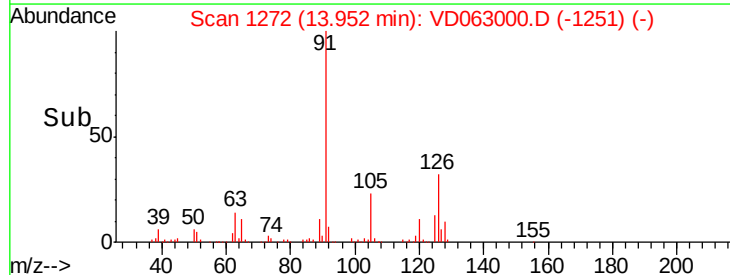
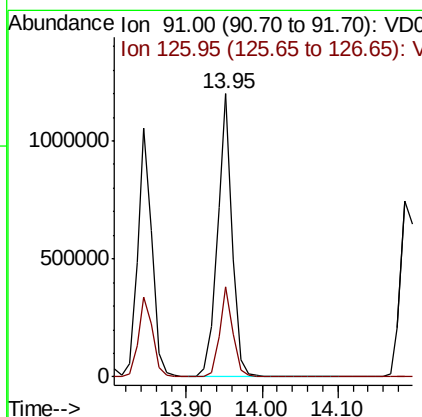
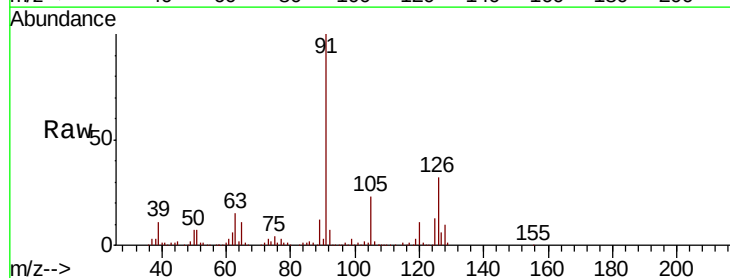
Instrument :
MSVOA_D
ClientSampled :

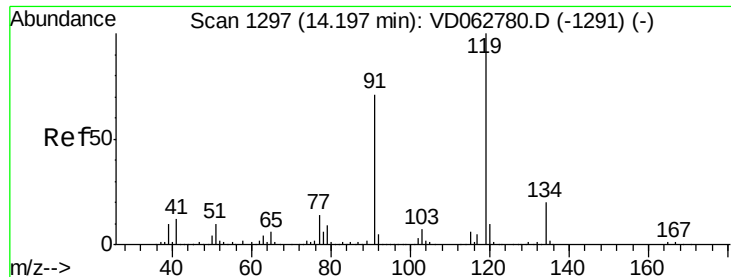
Tot Ion: 75 Resp: 108163
Ion Ratio Lower Upper
75 100
53 116.0 97.8 146.8
89 46.5 39.4 59.2



#82
4-Chlorotoluene
Concen: 55.805 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VD063000.D
Acq: 2 Jul 2019 10:20

Tgt Ion: 91 Resp: 1632920
Ion Ratio Lower Upper
91 100
126 31.9 16.0 47.9

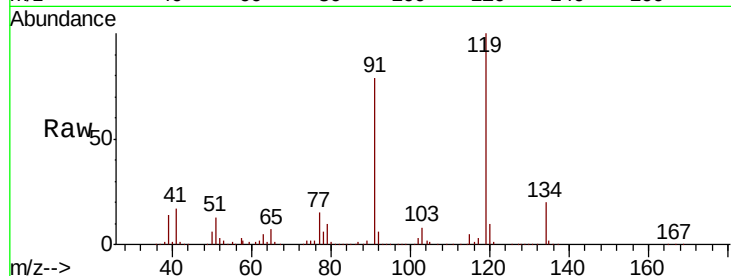




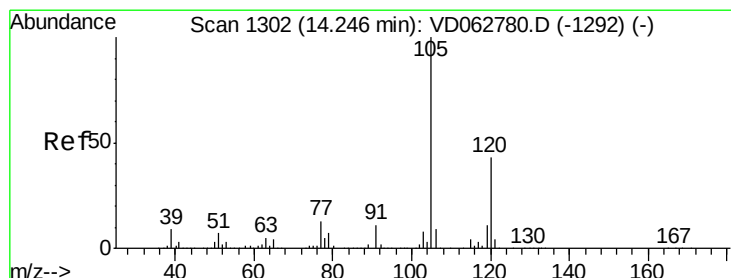
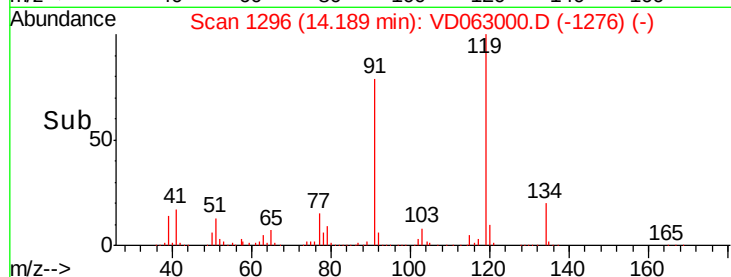
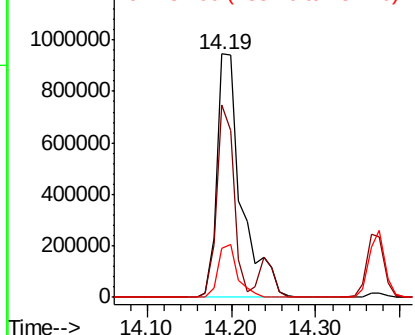
#83
 tert-Butylbenzene
 Concen: 55.938 ug/l
 RT: 14.19 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:119 Resp: 1913759
 Ion Ratio Lower Upper
 119 100
 91 79.1 35.5 106.5
 134 20.4 10.2 30.6

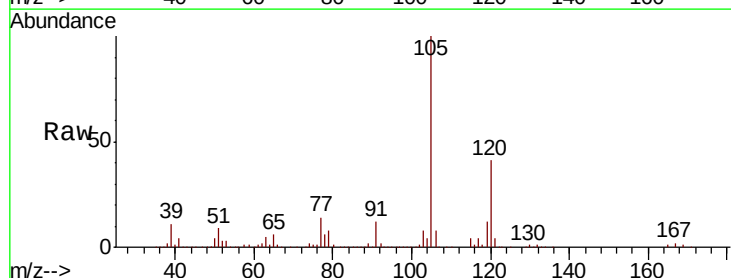


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

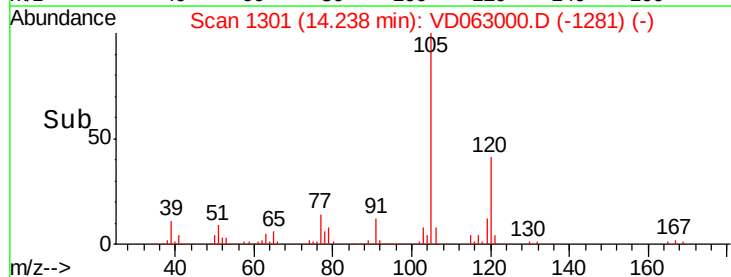
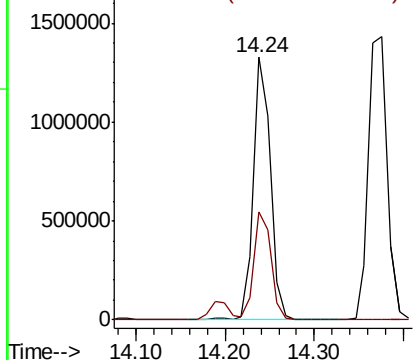


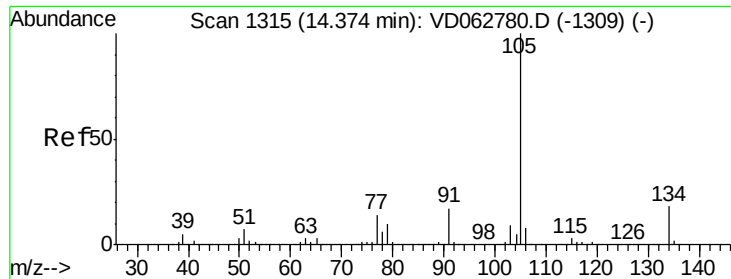
#84
 1,2,4-Trimethylbenzene
 Concen: 55.199 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

Tgt Ion:105 Resp: 1736489
 Ion Ratio Lower Upper
 105 100
 120 40.9 21.3 63.9



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V

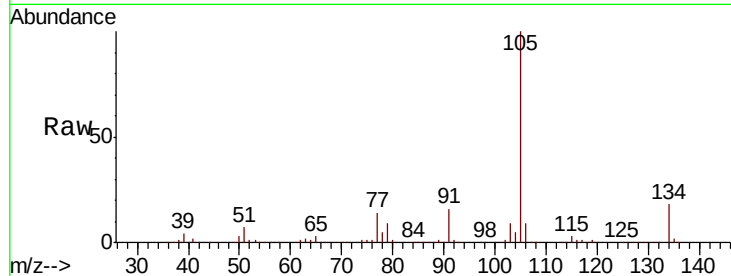




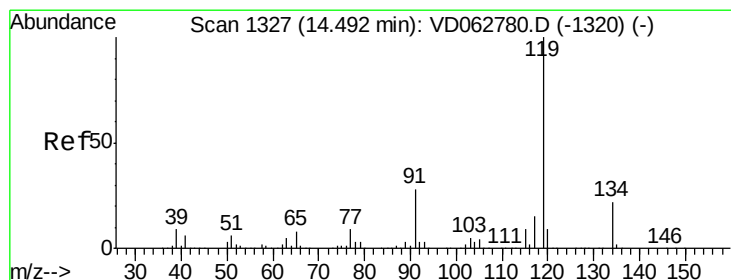
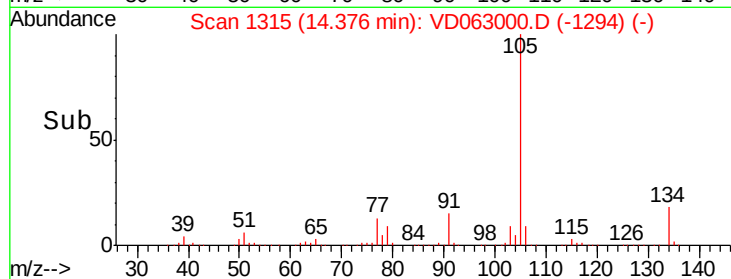
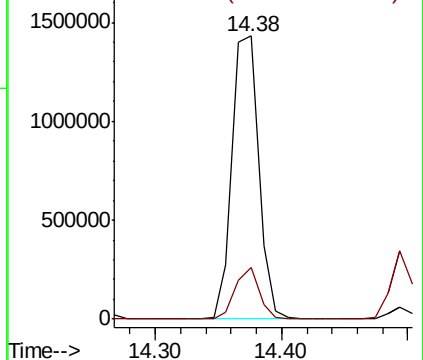
#85
 sec-Butylbenzene
 Concen: 56.105 ug/l
 RT: 14.38 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:105 Resp: 2086209
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.1 27.3

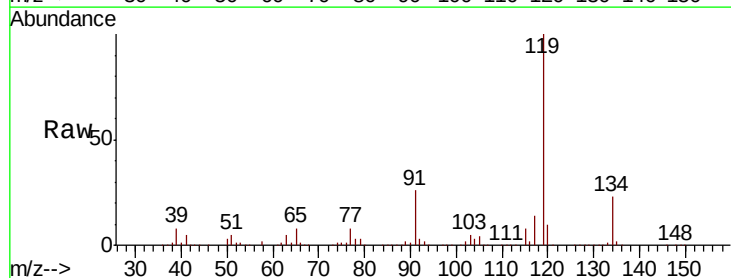


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 134.10 (133.80 to 134.80): V

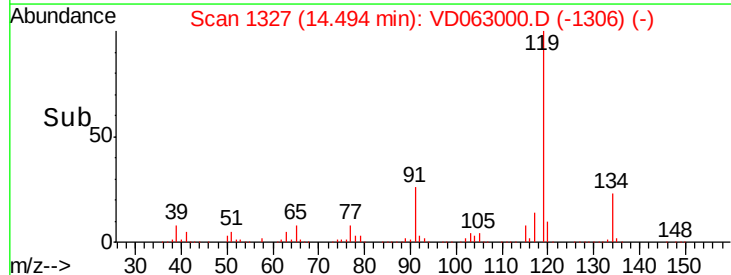
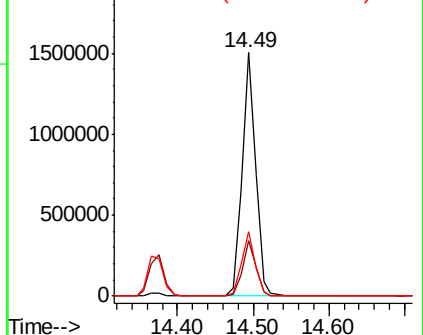


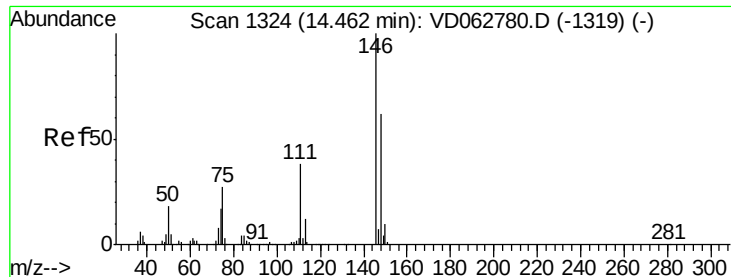
#86
 p-Isopropyltoluene
 Concen: 53.214 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

Tgt Ion:119 Resp: 1810208
 Ion Ratio Lower Upper
 119 100
 134 22.9 11.1 33.1
 91 26.2 14.0 41.9



Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 134.10 (133.80 to 134.80): V
 Ion 91.00 (90.70 to 91.70): V

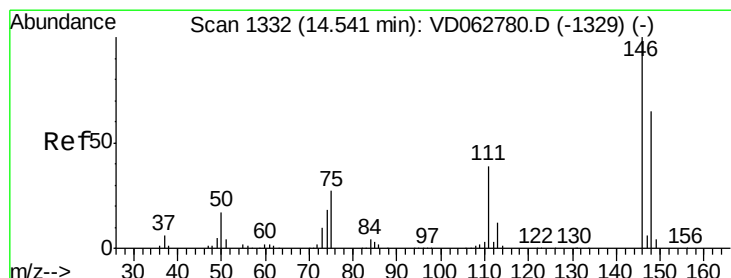
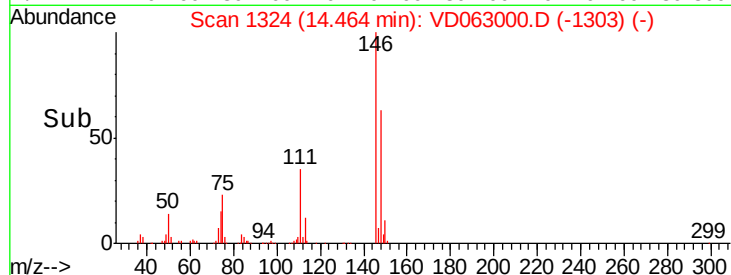
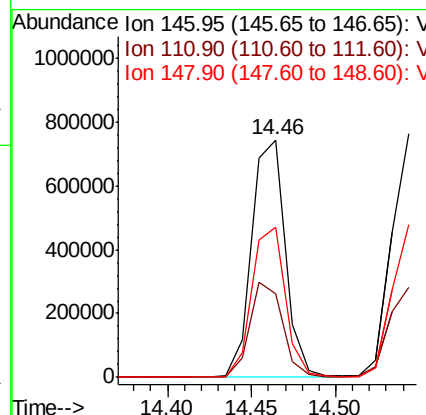
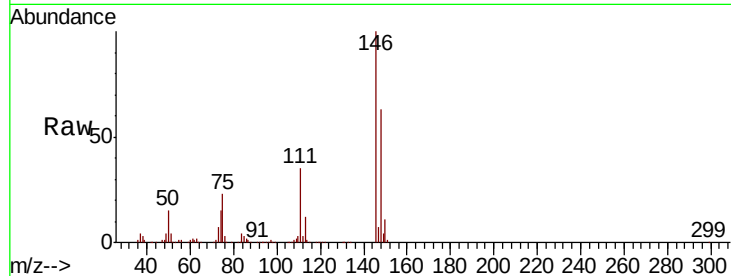




#87
 1,3-Dichlorobenzene
 Concen: 58.628 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

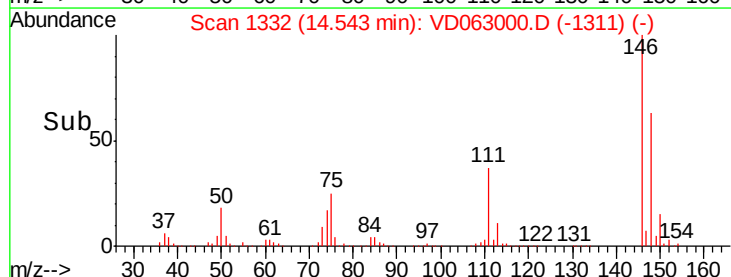
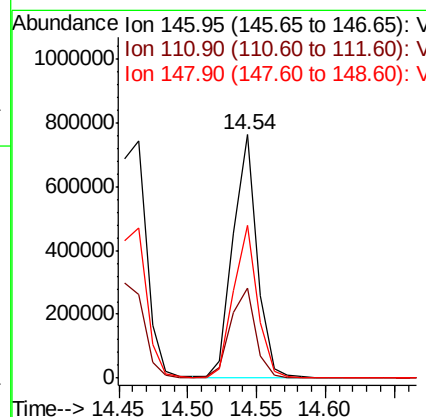
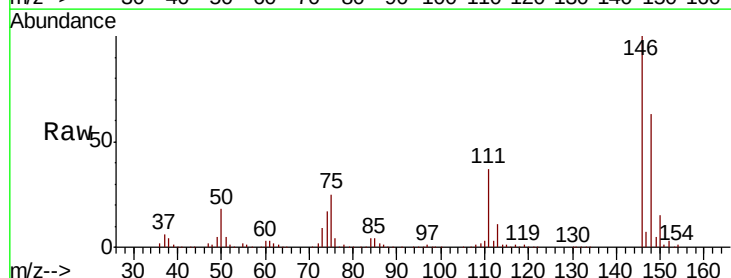
Instrument :
 MSVOA_D
 ClientSampled :

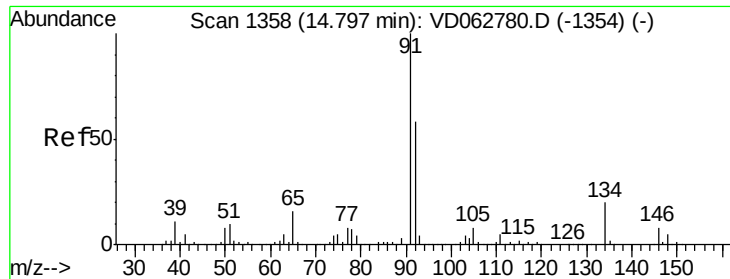
Tot Ion:146 Resp: 1032916
 Ion Ratio Lower Upper
 146 100
 111 35.0 19.0 57.0
 148 63.0 30.8 92.3



#88
 1,4-Dichlorobenzene
 Concen: 52.485 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

Tgt Ion:146 Resp: 928760
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.7 59.1
 148 62.6 32.8 98.3





#89

n-Butylbenzene

Concen: 54.255 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampleId :

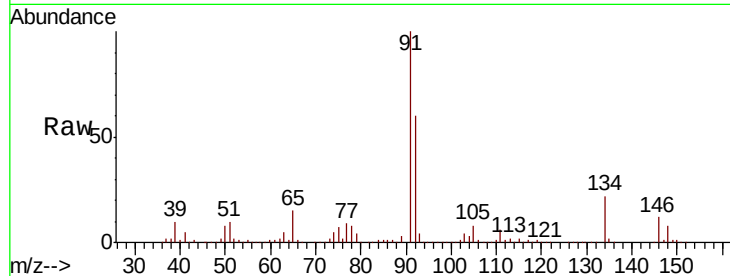
Tot Ion: 91 Resp: 1727431

Ion Ratio Lower Upper

91 100

92 60.4 28.9 86.7

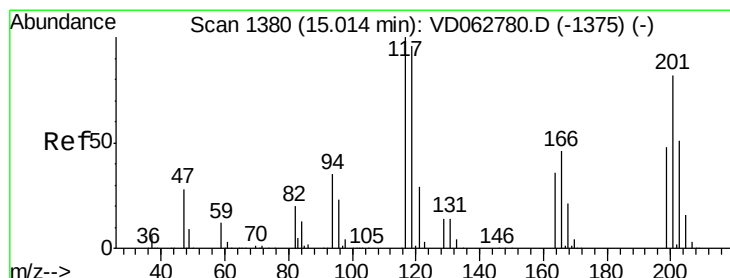
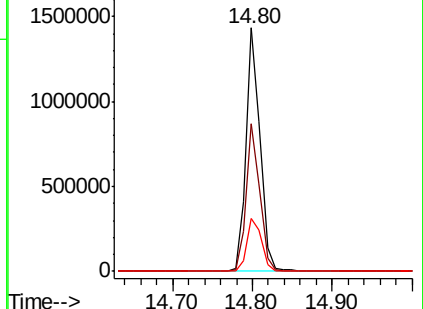
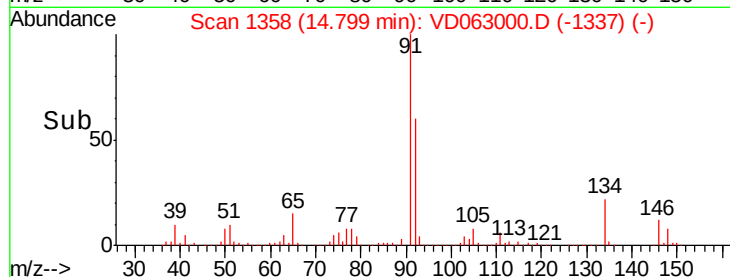
134 21.5 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 58.842 ug/l

RT: 15.02 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VD063000.D

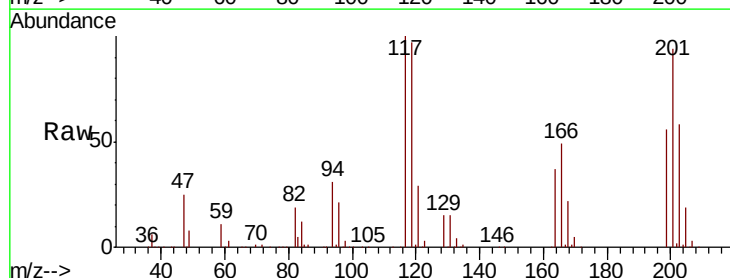
Acq: 2 Jul 2019 10:20

Tgt Ion: 117 Resp: 538179

Ion Ratio Lower Upper

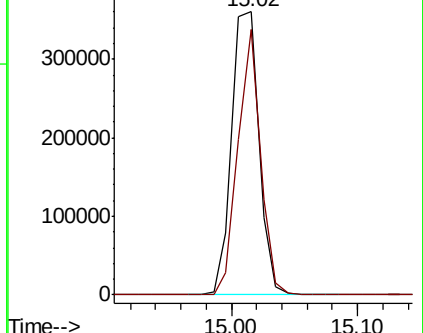
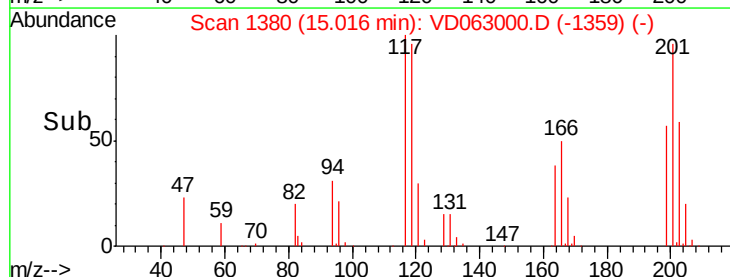
117 100

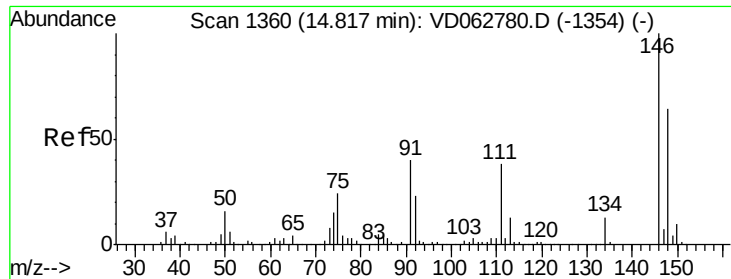
201 93.7 40.8 122.2



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V





#91

1,2-Dichlorobenzene

Concen: 53.166 ug/l

RT: 14.81 min Scan# 1359

Delta R.T. -0.01 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampled :

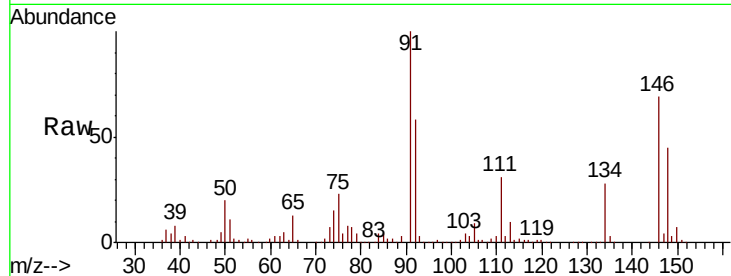
Tot Ion:146 Resp: 801416

Ion Ratio Lower Upper

146 100

111 44.8 19.1 57.1

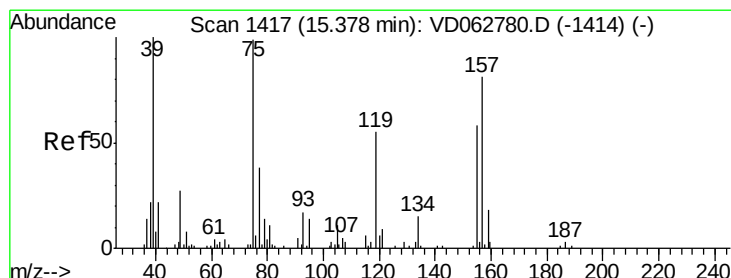
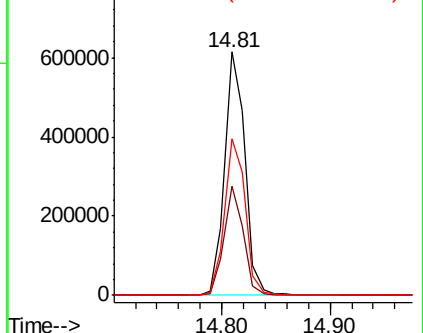
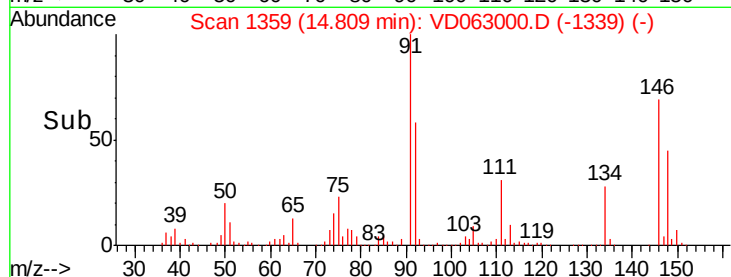
148 64.4 32.3 96.8



Abundance Ion 145.95 (145.65 to 146.65): 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: 52.989 ug/l

RT: 15.38 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

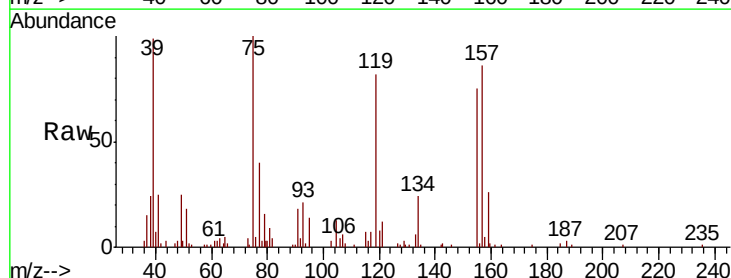
Tgt Ion: 75 Resp: 61576

Ion Ratio Lower Upper

75 100

155 74.6 29.3 87.8

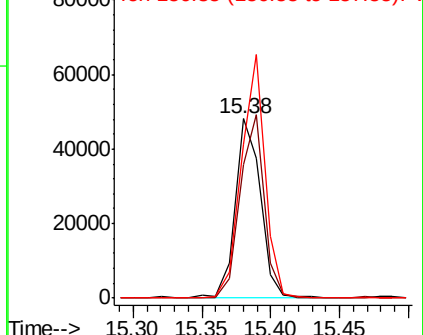
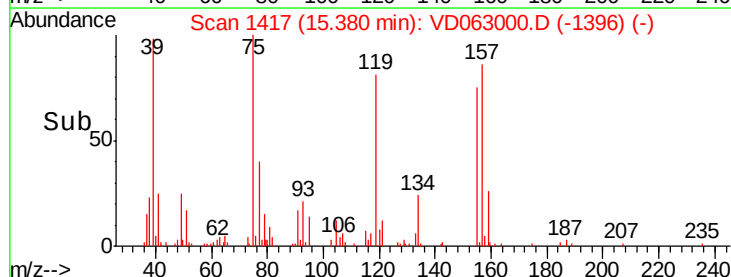
157 86.3 41.3 123.7

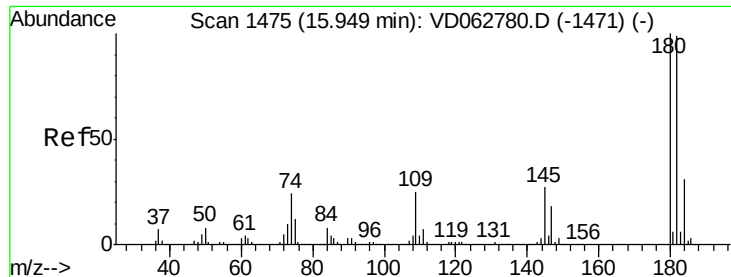


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

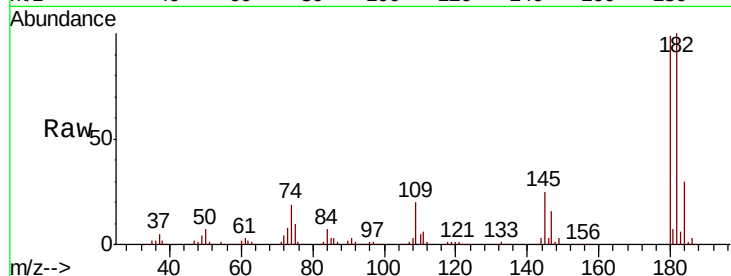




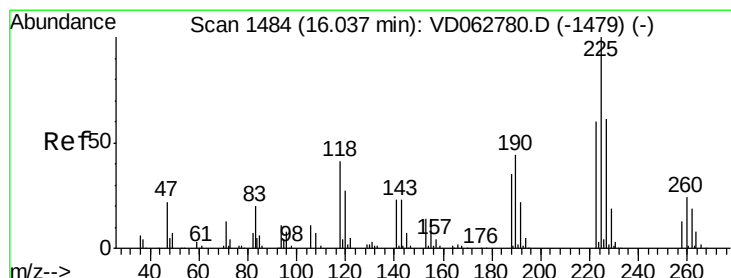
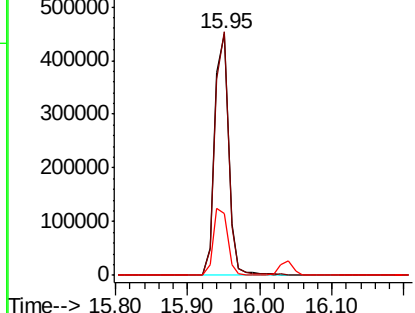
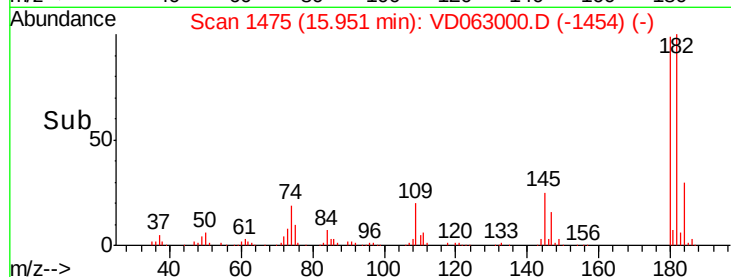
#93
 1,2,4-Trichlorobenzene
 Concen: 50.941 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 599834
 Ion Ratio Lower Upper
 180 100
 182 101.0 49.5 148.5
 145 25.5 13.7 41.0

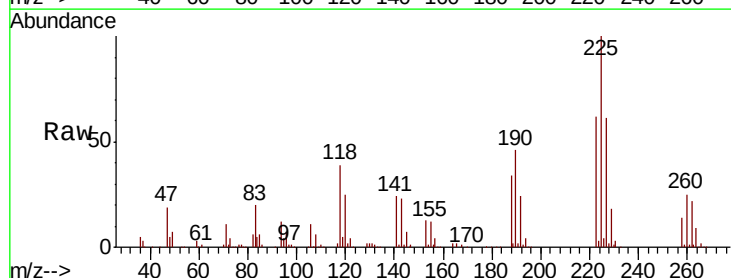


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

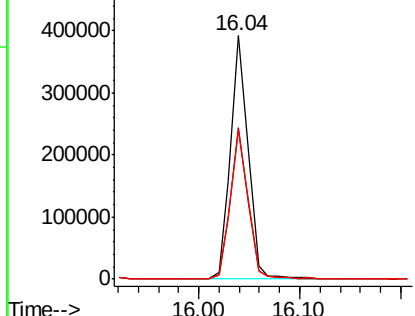
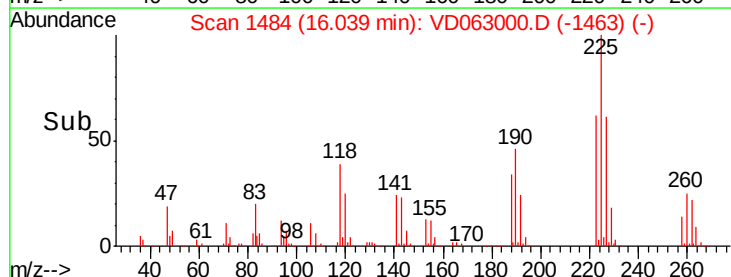


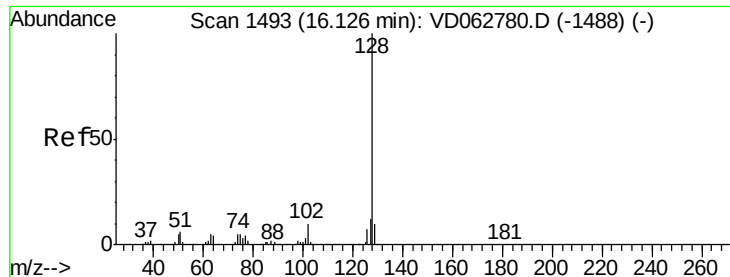
#94
 Hexachlorobutadiene
 Concen: 52.876 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VD063000.D
 Acq: 2 Jul 2019 10:20

Tgt Ion:225 Resp: 475649
 Ion Ratio Lower Upper
 225 100
 223 62.0 29.8 89.5
 227 61.3 30.6 91.6



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95

Naphthalene

Concen: 54.390 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

Instrument :

MSVOA_D

ClientSampled :

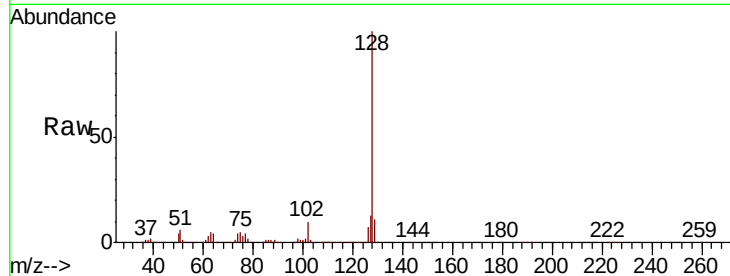
Tot Ion:128 Resp: 897653

Ion Ratio Lower Upper

128 100

127 13.0 9.7 14.5

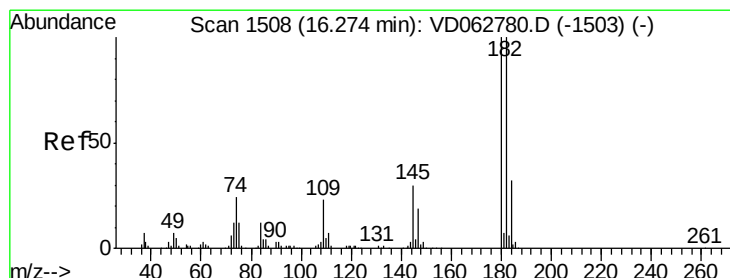
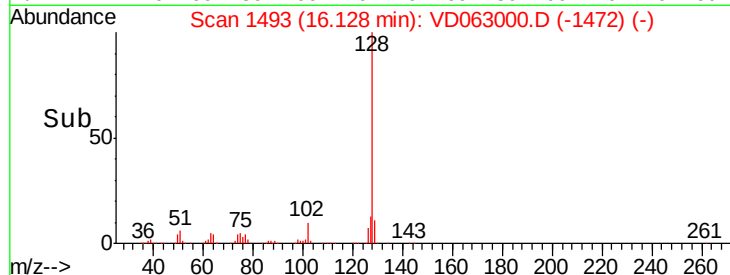
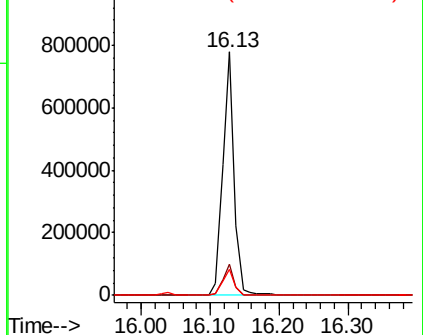
129 10.6 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.459 ug/l

RT: 16.28 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VD063000.D

Acq: 2 Jul 2019 10:20

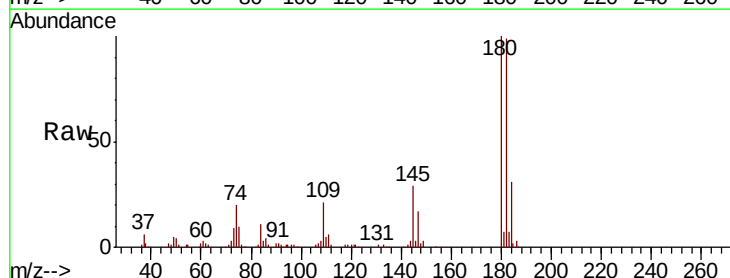
Tgt Ion:180 Resp: 501752

Ion Ratio Lower Upper

180 100

182 98.9 49.9 149.6

145 29.3 15.2 45.5



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

