

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062905.D
 Acq On : 26 Jun 2019 5:46
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 26 07:37:24 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	7.04	168	717307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	969809	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	853098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	482235	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	416822	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	6.92	113	435838	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
50) Toluene-d8	10.41	98	921950	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	13.56	95	451668	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	405491	43.685	ug/l	97
3) Chloromethane	1.75	50	306173	43.859	ug/l	99
4) Vinyl Chloride	1.84	62	318100	45.959	ug/l	99
5) Bromomethane	2.15	94	166178	51.267	ug/l	93
6) Chloroethane	2.27	64	159223	50.812	ug/l	99
7) Trichlorofluoromethane	2.53	101	711204	50.773	ug/l	100
8) Diethyl Ether	2.87	74	94134	52.891	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.14	101	371772	48.991	ug/l	99
10) Methyl Iodide	3.30	142	503868	50.328	ug/l	98
11) Tert butyl alcohol	4.08	59	91427	257.459	ug/l #	94
12) 1,1-Dichloroethene	3.12	96	265022	46.554	ug/l	84
13) Acrolein	3.03	56	72022	198.666	ug/l	94
14) Allyl chloride	3.62	41	411404	48.909	ug/l	92
15) Acrylonitrile	4.20	53	226785	271.788	ug/l	93
16) Acetone	3.22	43	401362	253.950	ug/l	96
17) Carbon Disulfide	3.37	76	800303	43.987	ug/l	97
18) Methyl Acetate	3.65	43	208283	88.491	ug/l	98
19) Methyl tert-butyl Ether	4.24	73	690572	56.035	ug/l	96
20) Methylene Chloride	3.81	84	305572	51.388	ug/l	94
21) trans-1,2-Dichloroethene	4.22	96	300352	49.550	ug/l	89
22) Diisopropyl ether	5.12	45	957664	55.982	ug/l	96
23) Vinyl Acetate	5.05	43	2618086	244.583	ug/l	100
24) 1,1-Dichloroethane	4.97	63	566955	50.904	ug/l	99
25) 2-Butanone	6.08	43	417674	286.415	ug/l	95
26) 2,2-Dichloropropane	6.02	77	522785	44.284	ug/l	98
27) cis-1,2-Dichloroethene	6.04	96	327691	51.122	ug/l	96
28) Bromochloromethane	6.43	49	216051	55.077	ug/l	86
29) Tetrahydrofuran	6.46	42	187241	271.376	ug/l	99
30) Chloroform	6.66	83	772325	57.019	ug/l	95
31) Cyclohexane	6.95	56	330669	45.162	ug/l	90
32) 1,1,1-Trichloroethane	6.86	97	740343	52.476	ug/l	94
36) 1,1-Dichloropropene	7.14	75	436386	47.533	ug/l	98
37) Ethyl Acetate	6.18	43	212077	55.104	ug/l	96
38) Carbon Tetrachloride	7.11	117	766696	55.528	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062905.D
 Acq On : 26 Jun 2019 5:46
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 26 07:37:24 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)
39) Methylcyclohexane	8.86	83	365062	45.175	ug/l	96
40) Benzene	7.45	78	969395	52.604	ug/l	99
41) Methacrylonitrile	6.45	41	267592	55.270	ug/l	89
42) 1,2-Dichloroethane	7.57	62	609035	60.582	ug/l	97
43) Isopropyl Acetate	9.25	43	293556	60.991	ug/l #	92
44) Trichloroethene	8.54	130	399490	55.295	ug/l	96
45) 1,2-Dichloropropane	8.94	63	242948	53.019	ug/l	92
46) Dibromomethane	9.06	93	222522	56.531	ug/l	94
47) Bromodichloromethane	9.37	83	617431	60.397	ug/l	96
48) Methyl methacrylate	9.12	41	195136	57.052	ug/l	96
49) 1,4-Dioxane	9.09	88	33432	1174.870	ug/l	90
51) 4-Methyl-2-Pentanone	10.30	43	1001366	293.445	ug/l	98
52) Toluene	10.51	92	635121	51.271	ug/l	96
53) t-1,3-Dichloropropene	10.91	75	493972	59.036	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	497201	54.670	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	249645	58.659	ug/l	95
56) Ethyl methacrylate	11.04	69	264803	58.221	ug/l	94
57) 1,3-Dichloropropane	11.41	76	371871	57.067	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	746026	319.499	ug/l	96
59) 2-Hexanone	11.53	43	772320	317.787	ug/l	95
60) Dibromochloromethane	11.69	129	486691	61.395	ug/l	99
61) 1,2-Dibromoethane	11.81	107	298661	59.418	ug/l	95
64) Tetrachloroethene	11.25	164	432179	61.553	ug/l	95
65) Chlorobenzene	12.40	112	834422	52.703	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	414956	56.043	ug/l	93
67) Ethyl Benzene	12.52	91	1503891	52.906	ug/l	98
68) m/p-Xylenes	12.67	106	1000266	101.033	ug/l	100
69) o-Xylene	13.05	106	495505	54.749	ug/l	95
70) Styrene	13.08	104	879603	55.332	ug/l	92
71) Bromoform	13.23	173	297296	58.604	ug/l	93
73) Isopropylbenzene	13.40	105	1455978	47.089	ug/l	100
74) N-amyl acetate	13.26	43	385810	51.381	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	276442	54.872	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	313962	56.396	ug/l	97
77) Bromobenzene	13.67	156	446224	53.655	ug/l	92
78) n-propylbenzene	13.77	91	1634266	45.411	ug/l	97
79) 2-Chlorotoluene	13.84	91	978817	47.593	ug/l	89
80) 1,3,5-Trimethylbenzene	13.93	105	1313805	50.586	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	73718	50.525	ug/l	92
82) 4-Chlorotoluene	13.94	91	1279907	51.692	ug/l	91
83) tert-Butylbenzene	14.19	119	1354049	46.773	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	1208772	45.409	ug/l	98
85) sec-Butylbenzene	14.37	105	1399860	44.491	ug/l	94
86) p-Isopropyltoluene	14.49	119	1417624	49.249	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	736753	49.420	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	698317	46.636	ug/l	97
89) n-Butylbenzene	14.80	91	1233704	45.792	ug/l	97
90) Hexachloroethane	15.01	117	379234	49.001	ug/l	90
91) 1,2-Dichlorobenzene	14.81	146	686180	53.797	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	58378	59.369	ug/l	70

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
Data File : VD062905.D
Acq On : 26 Jun 2019 5:46
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 26 07:37:24 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

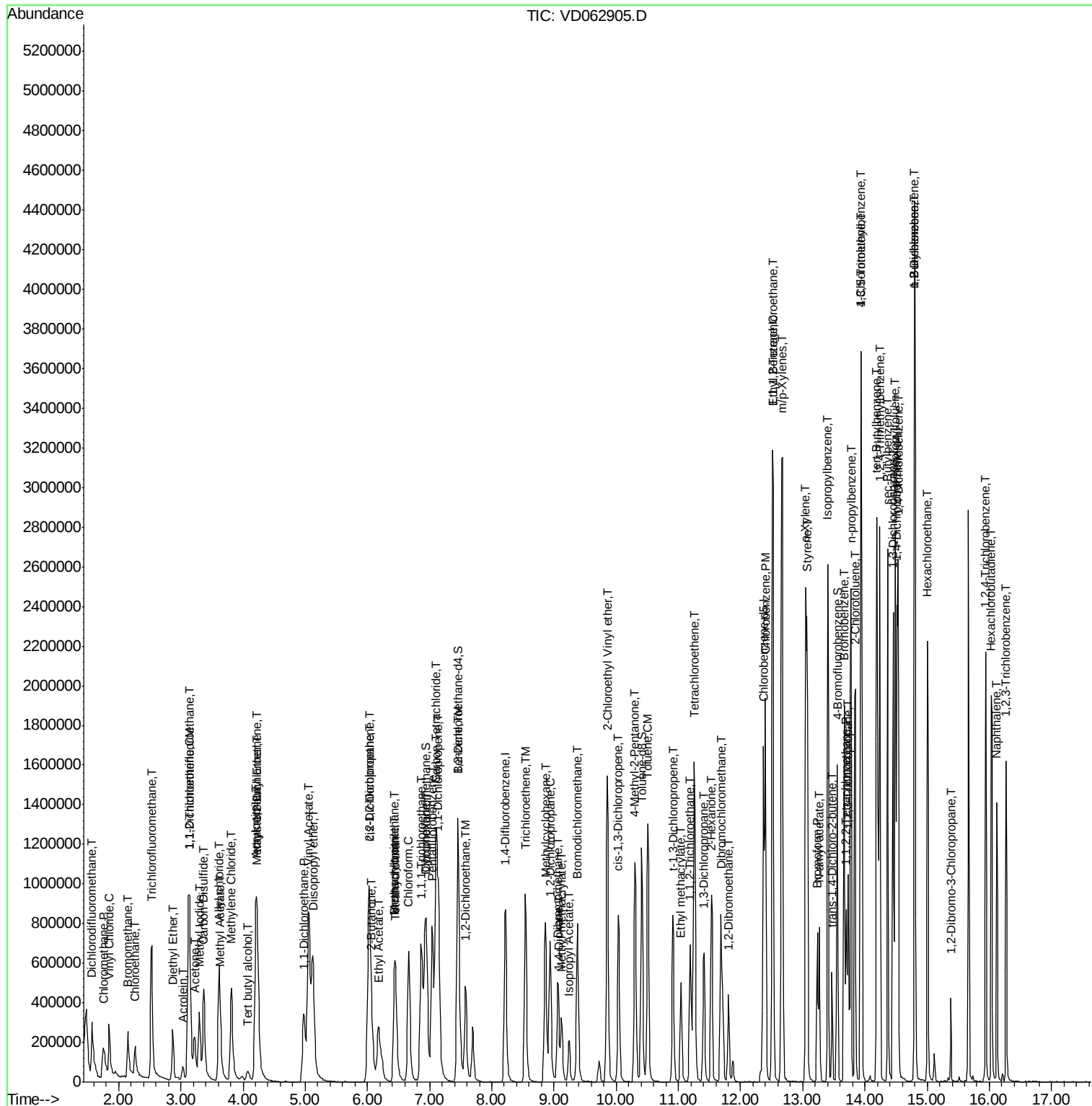
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	491868	49.366	ug/l	98
94) Hexachlorobutadiene	16.04	225	354926	46.628	ug/l	99
95) Naphthalene	16.12	128	804879	57.635	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	389228	50.843	ug/l	96

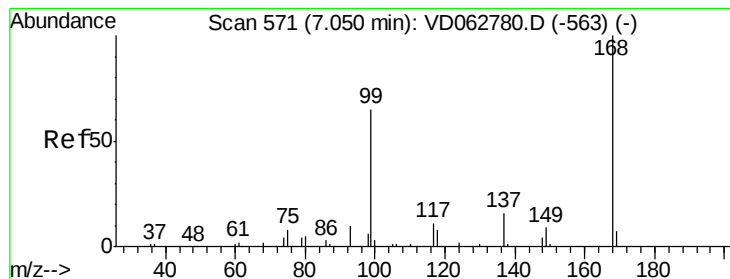
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
Data File : VD062905.D
Acq On : 26 Jun 2019 5:46
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_D
Client Sample Id :
VSTDCCC050EC

Quant Time: Jun 26 07:37:24 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

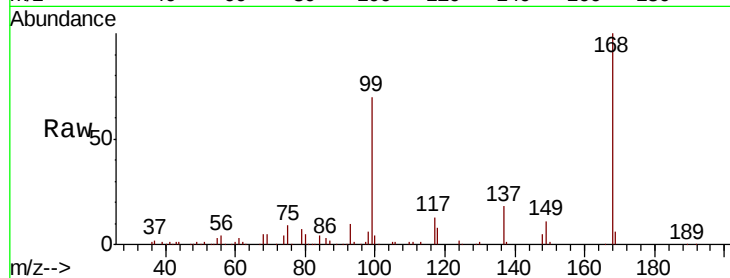
VSTDCCC050EC

Tot Ion:168 Resp: 717307

Ion Ratio Lower Upper

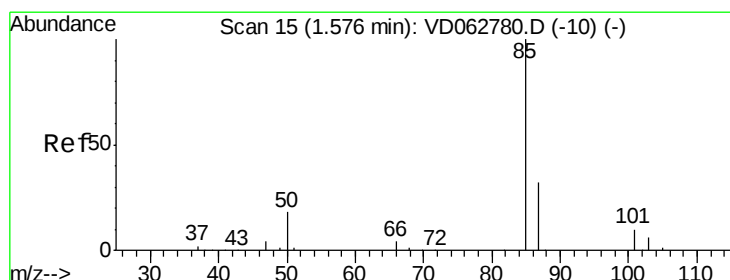
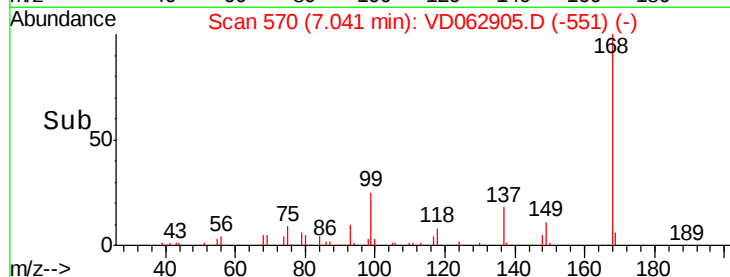
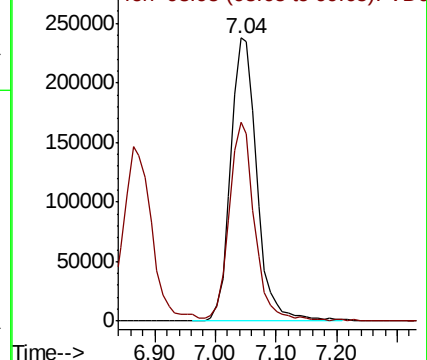
168 100

99 70.5 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: 43.685 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062905.D

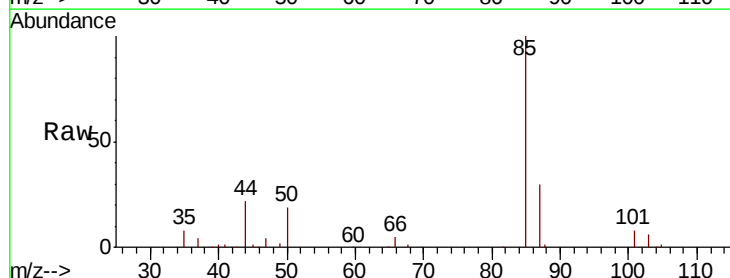
Acq: 26 Jun 2019 5:46

Tgt Ion: 85 Resp: 405491

Ion Ratio Lower Upper

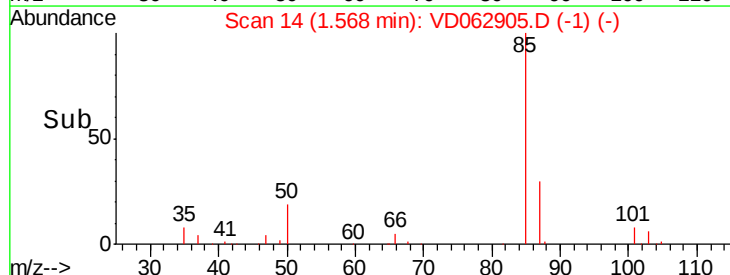
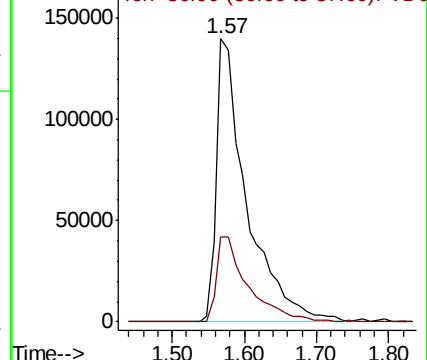
85 100

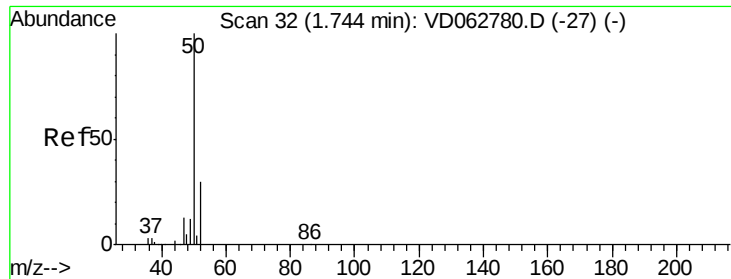
87 30.0 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 43.859 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

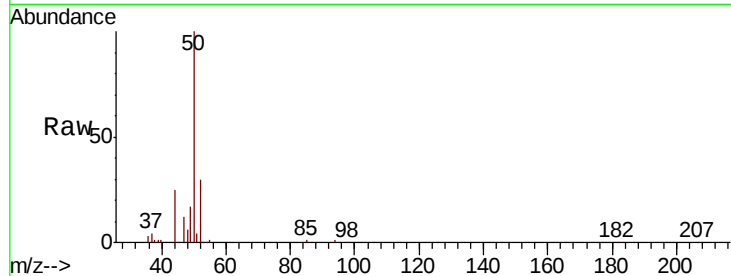
VSTDCCC050EC

Tot Ion: 50 Resp: 306173

Ion Ratio Lower Upper

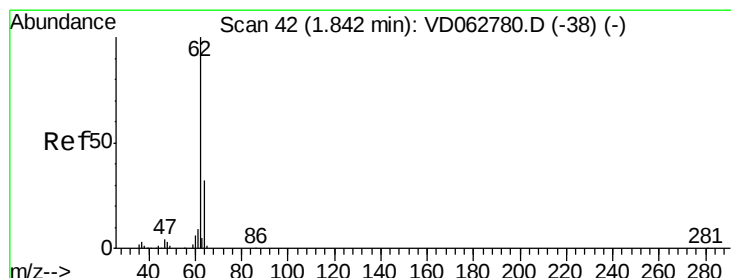
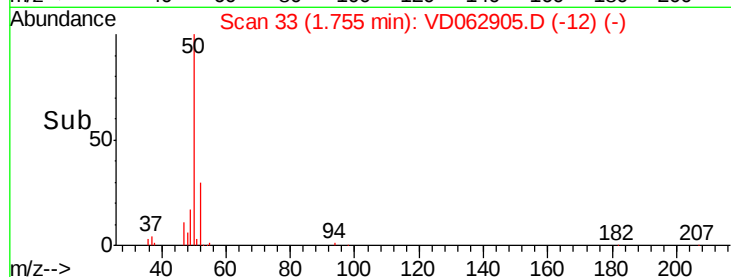
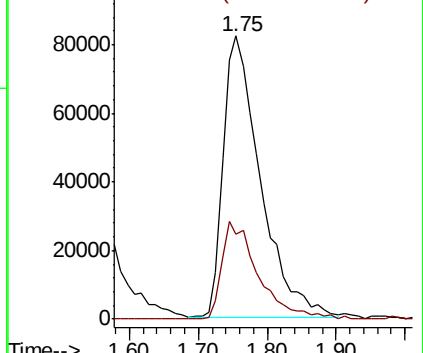
50 100

52 30.0 23.6 35.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 45.959 ug/l

RT: 1.84 min Scan# 42

Delta R.T. 0.00 min

Lab File: VD062905.D

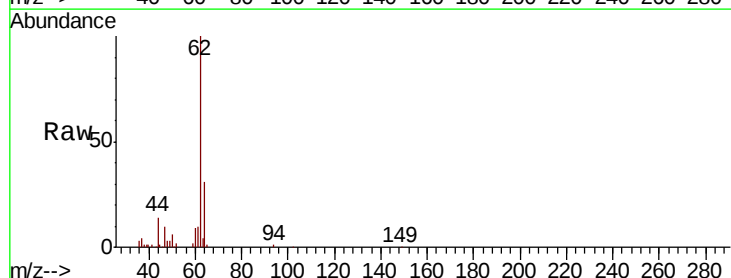
Acq: 26 Jun 2019 5:46

Tgt Ion: 62 Resp: 318100

Ion Ratio Lower Upper

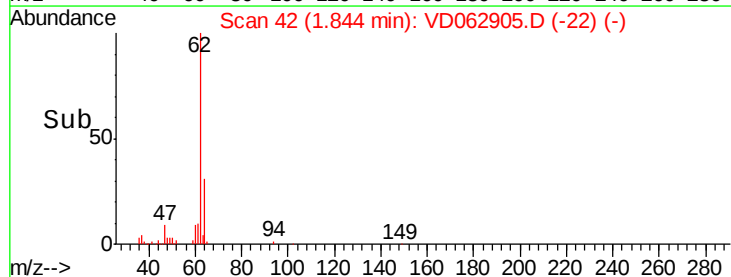
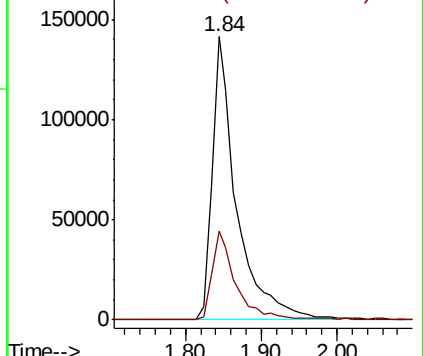
62 100

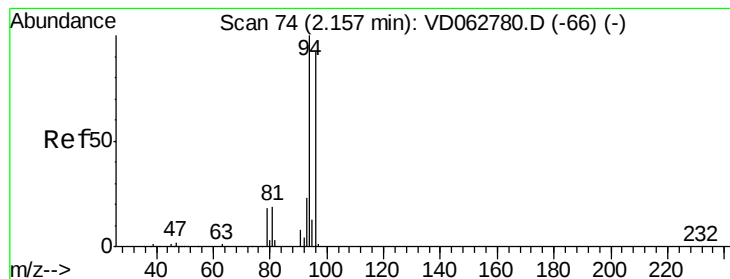
64 31.5 25.6 38.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 51.267 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

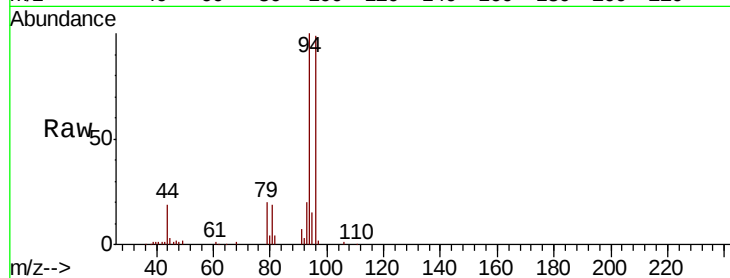
Tot Ion: 94 Resp: 166178

Ion Ratio Lower Upper

94 100

96 99.2 73.4 110.2

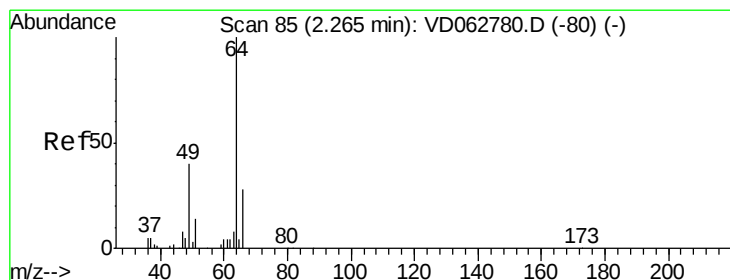
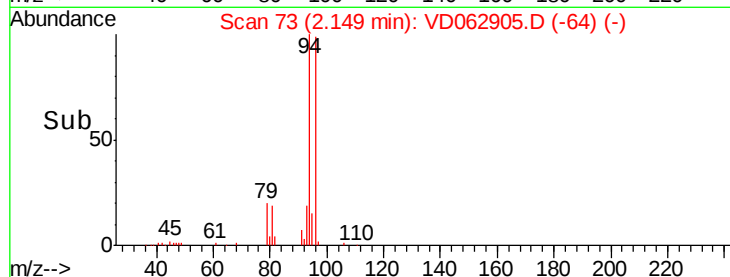
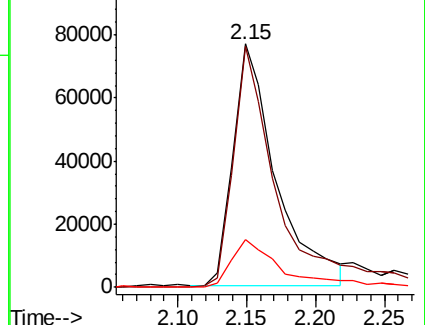
93 19.8 18.2 27.4



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: 50.812 ug/l

RT: 2.27 min Scan# 85

Delta R.T. 0.00 min

Lab File: VD062905.D

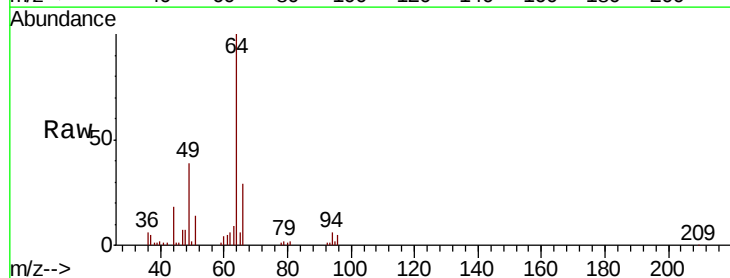
Acq: 26 Jun 2019 5:46

Tgt Ion: 64 Resp: 159223

Ion Ratio Lower Upper

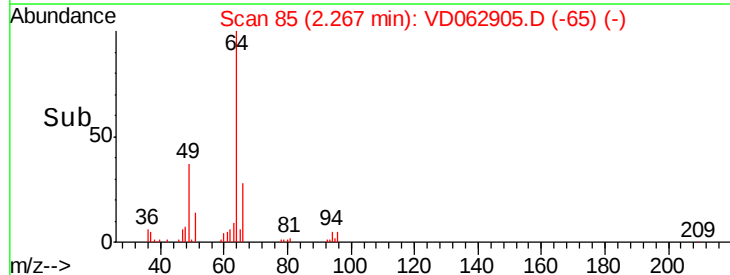
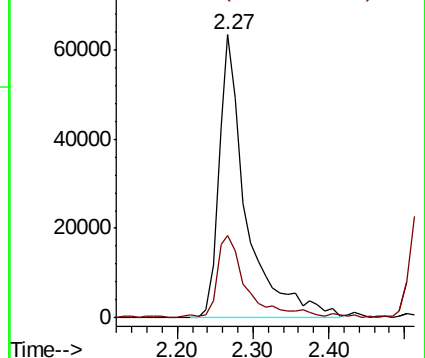
64 100

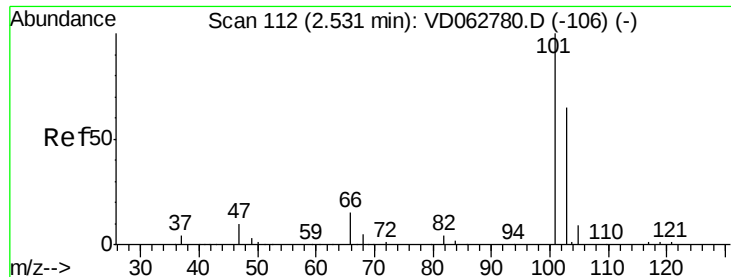
66 29.2 23.0 34.4



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



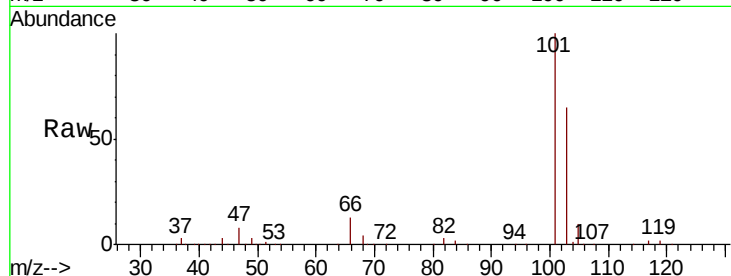


#7

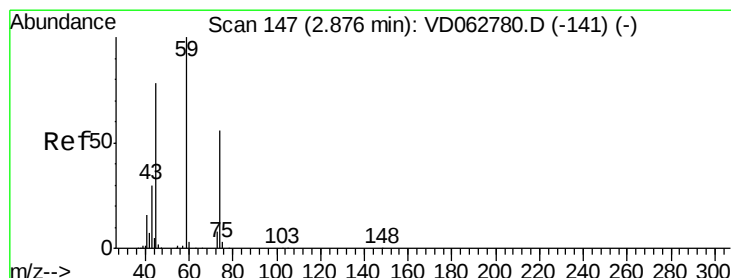
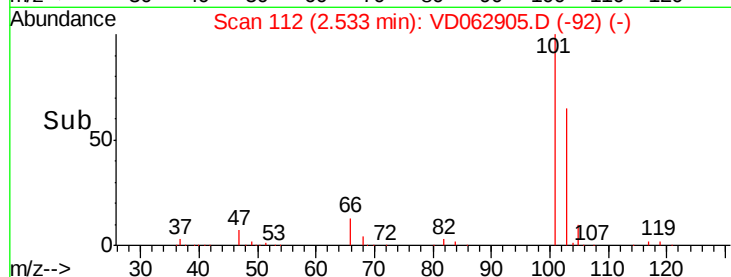
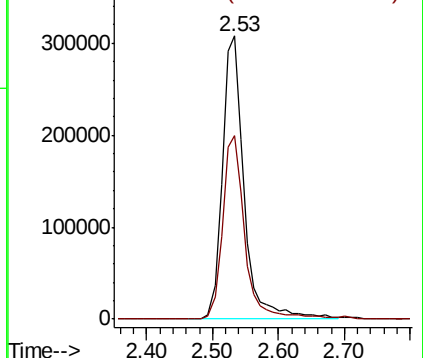
Trichlorofluoromethane
Concen: 50.773 ug/l
RT: 2.53 min Scan# 112
Delta R.T. 0.00 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 711204
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8



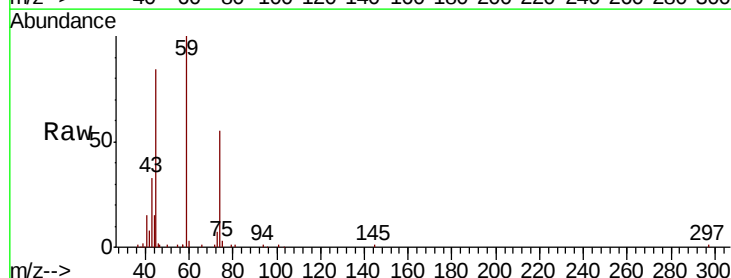
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



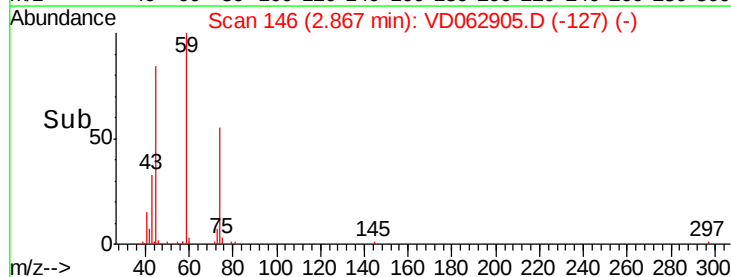
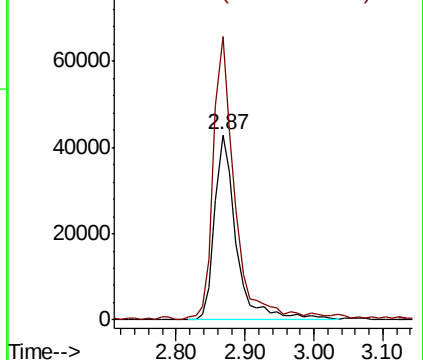
#8

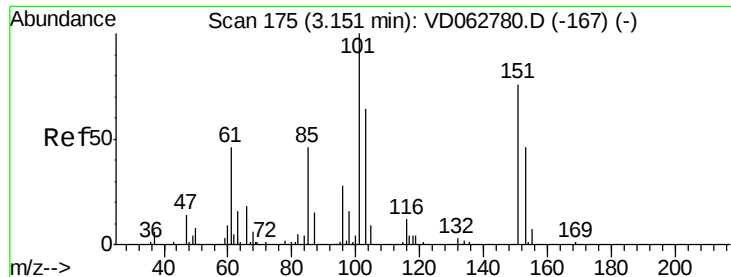
Diethyl Ether
Concen: 52.891 ug/l
RT: 2.87 min Scan# 146
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion: 74 Resp: 94134
Ion Ratio Lower Upper
74 100
45 153.0 70.2 210.6



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.991 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

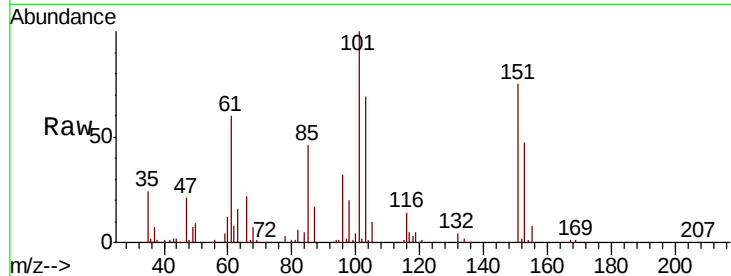
Tot Ion:101 Resp: 371772

Ion Ratio Lower Upper

101 100

85 45.8 37.0 55.4

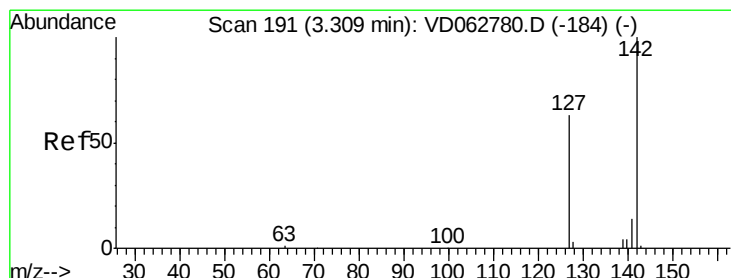
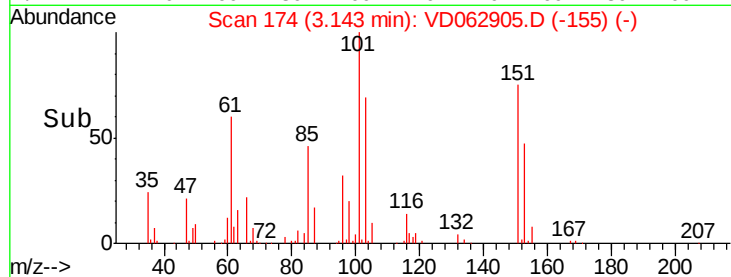
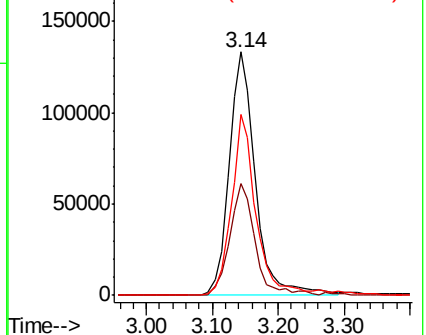
151 74.5 60.5 90.7



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: 50.328 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

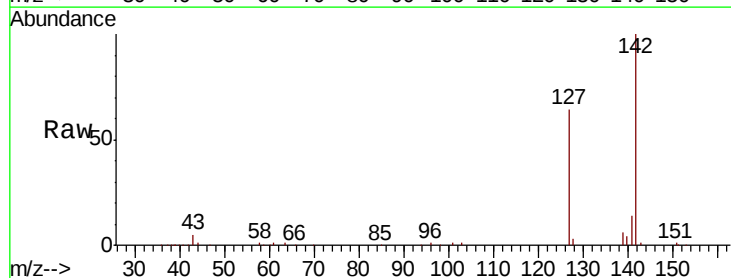
Tgt Ion:142 Resp: 503868

Ion Ratio Lower Upper

142 100

127 64.0 50.1 75.1

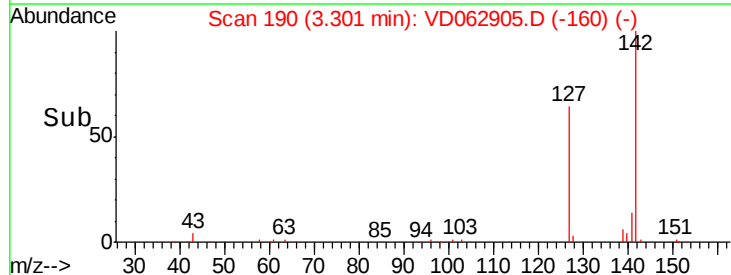
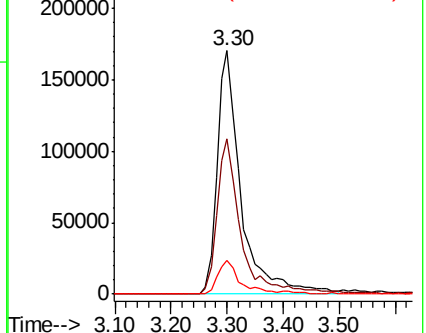
141 14.1 11.0 16.4

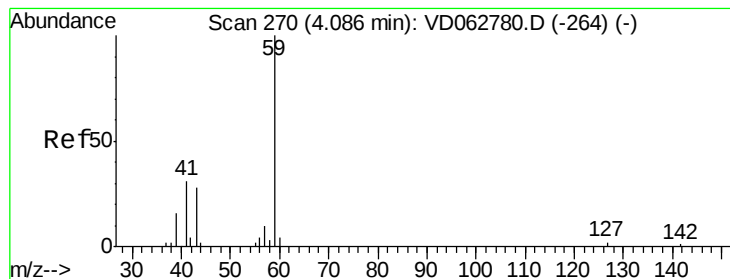


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 257.459 ug/l

RT: 4.08 min Scan# 269

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

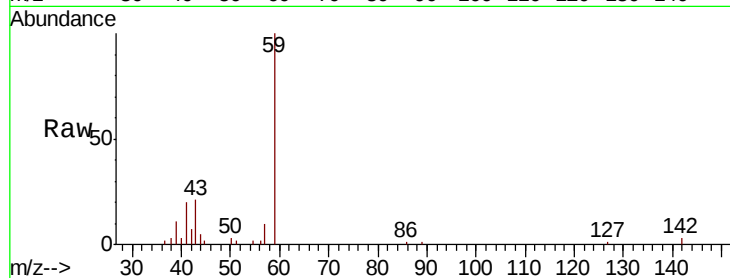
VSTDCCC050EC

Tot Ion: 59 Resp: 91427

Ion Ratio Lower Upper

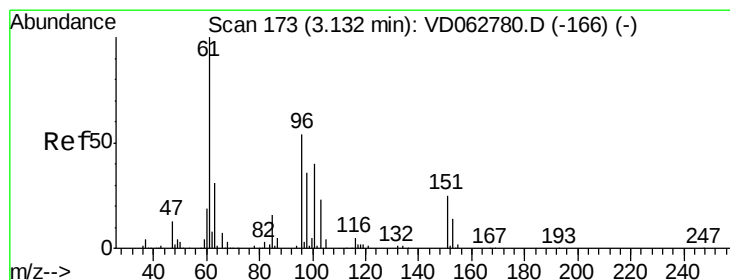
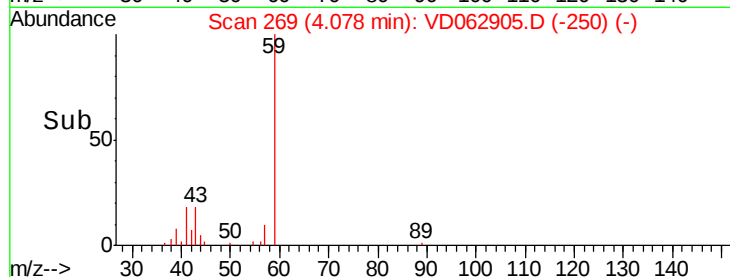
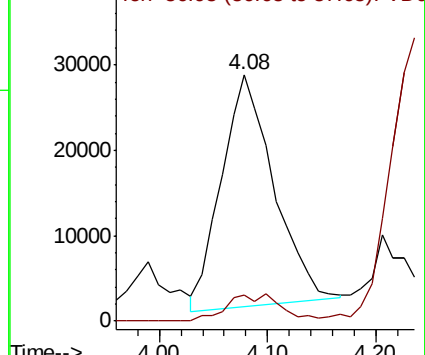
59 100

57 10.3 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: 46.554 ug/l

RT: 3.12 min Scan# 172

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

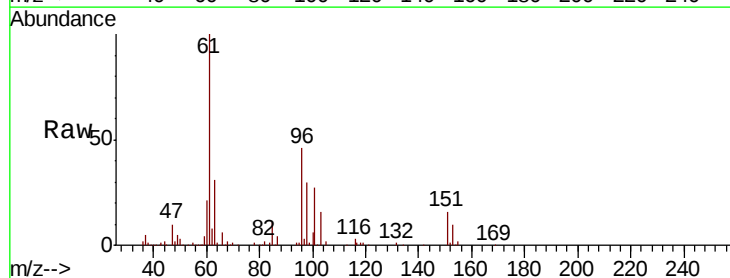
Tgt Ion: 96 Resp: 265022

Ion Ratio Lower Upper

96 100

61 215.2 147.1 220.7

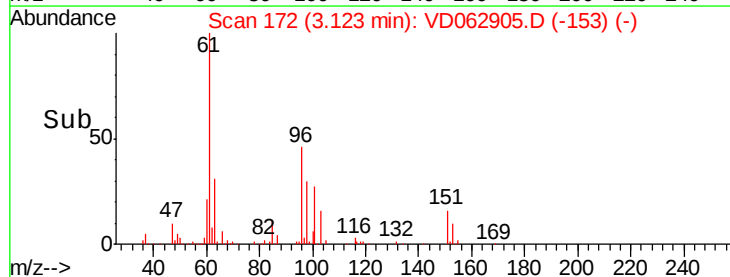
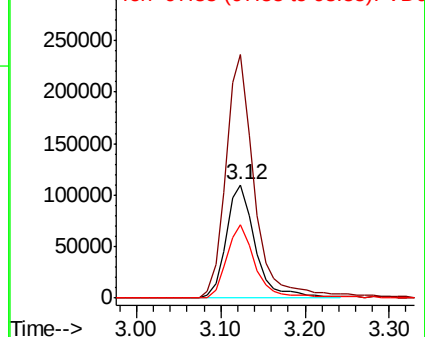
98 64.5 52.6 79.0



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

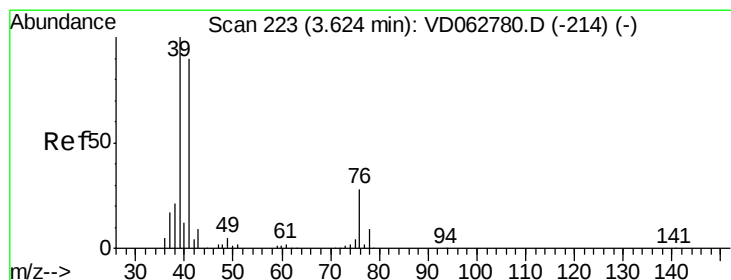
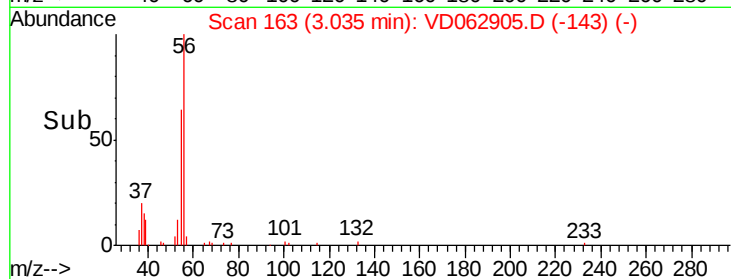
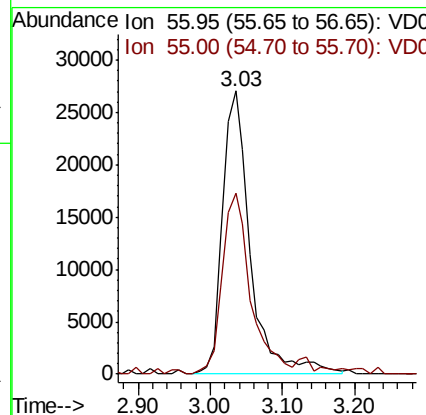
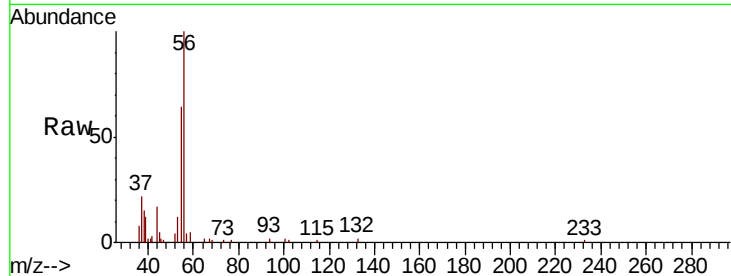




#13
Acrolein
Concen: 198.666 ug/l
RT: 3.03 min Scan# 163
Delta R.T. 0.00 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

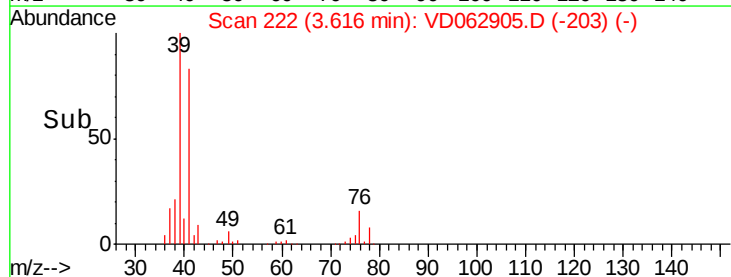
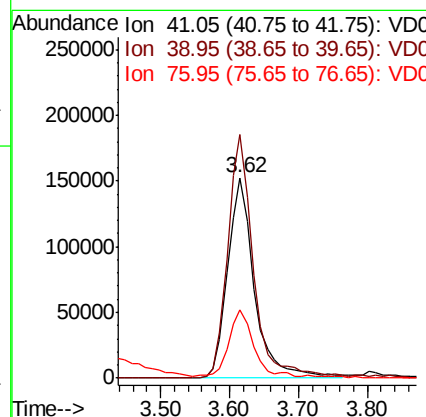
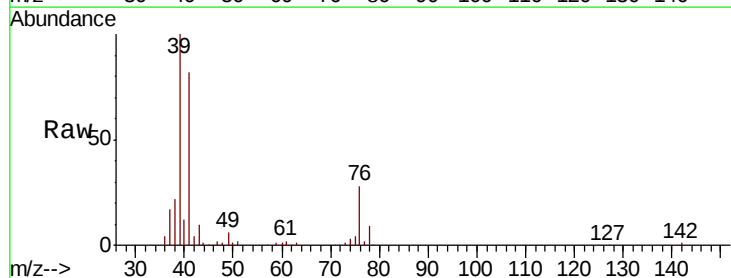
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

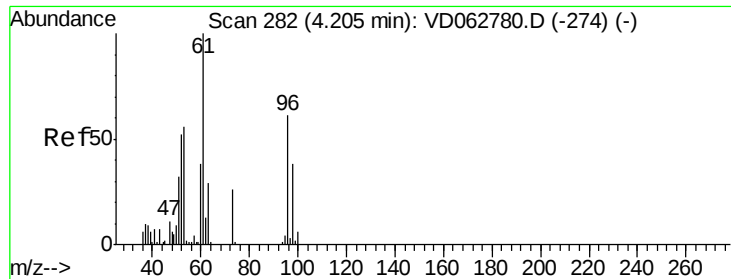
Tot Ion: 56 Resp: 72022
Ion Ratio Lower Upper
56 100
55 64.1 55.4 83.0



#14
Allyl chloride
Concen: 48.909 ug/l
RT: 3.62 min Scan# 222
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion: 41 Resp: 411404
Ion Ratio Lower Upper
41 100
39 121.4 88.8 133.2
76 34.2 26.7 40.1





#15

Acrylonitrile

Concen: 271.788 ug/l

RT: 4.20 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

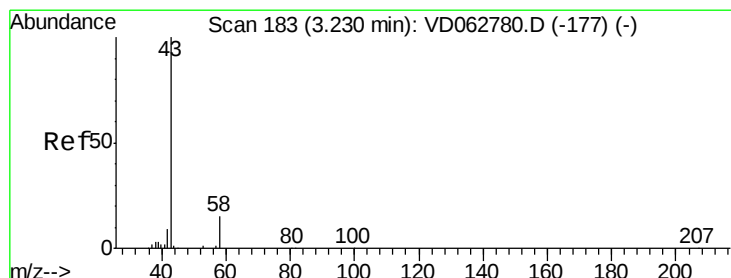
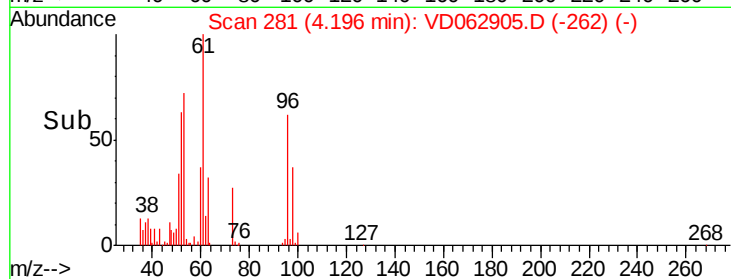
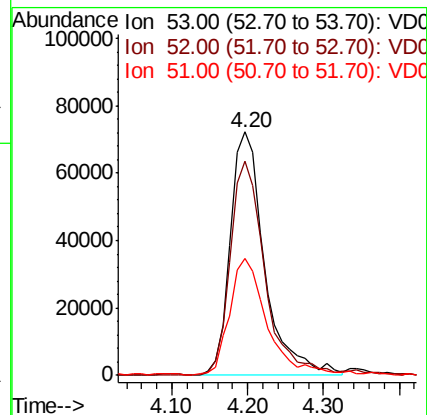
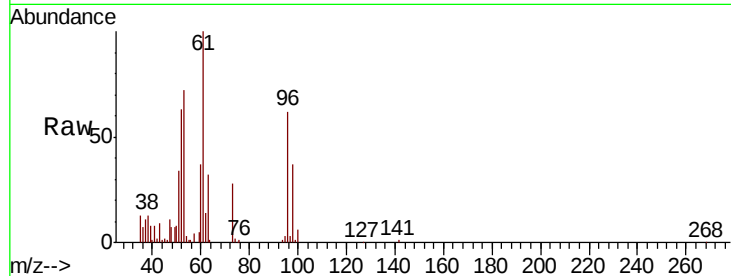
Tot Ion: 53 Resp: 226785

Ion Ratio Lower Upper

53 100

52 87.7 73.3 109.9

51 47.8 44.8 67.2



#16

Acetone

Concen: 253.950 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062905.D

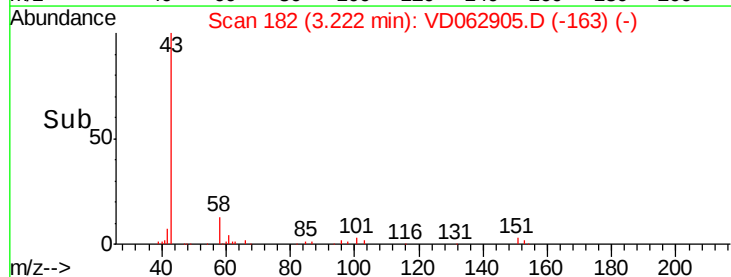
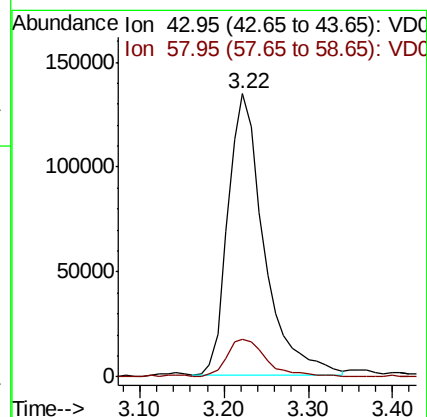
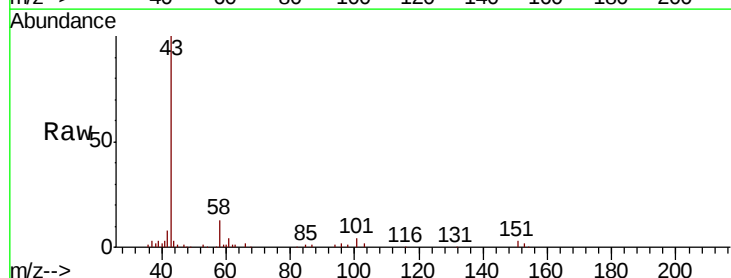
Acq: 26 Jun 2019 5:46

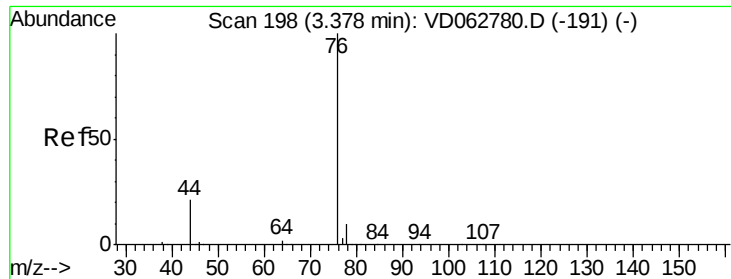
Tgt Ion: 43 Resp: 401362

Ion Ratio Lower Upper

43 100

58 13.1 11.9 17.9

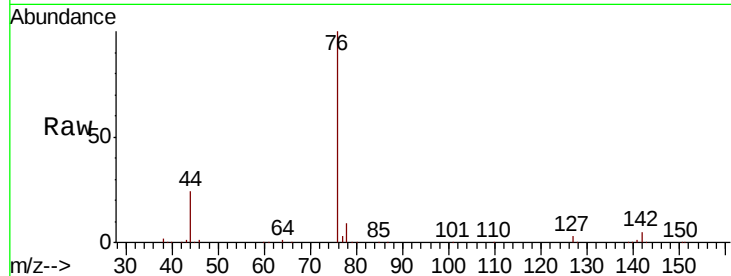




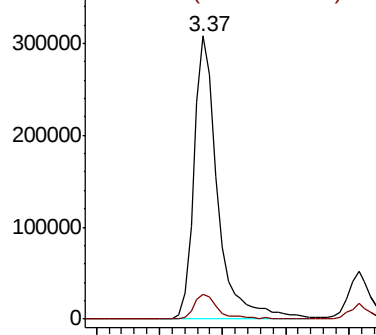
#17
Carbon Disulfide
Concen: 43.987 ug/l
RT: 3.37 min Scan# 197
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

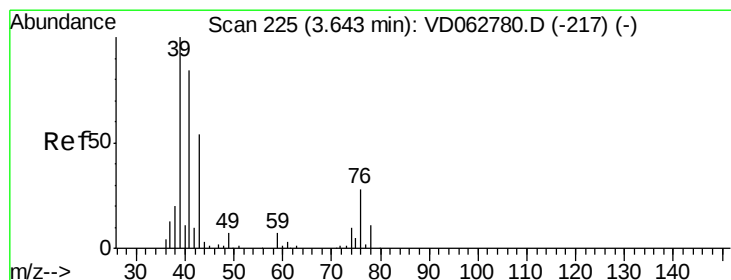
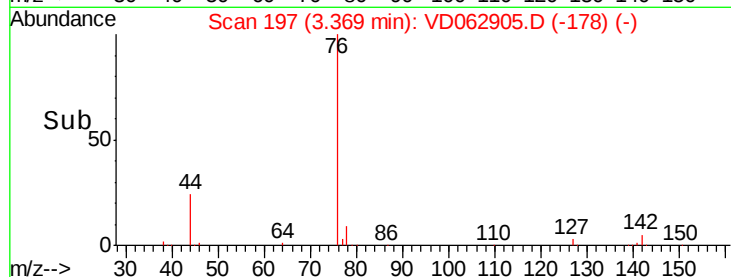
Tot Ion: 76 Resp: 800303
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0



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

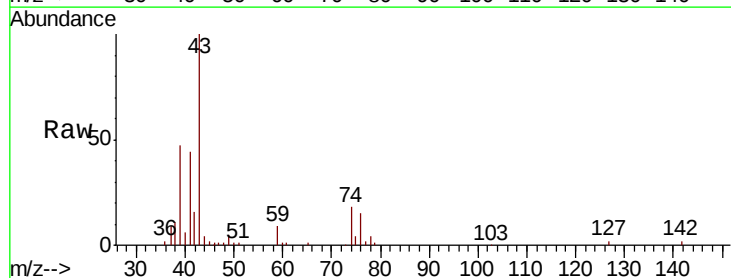


Time-->

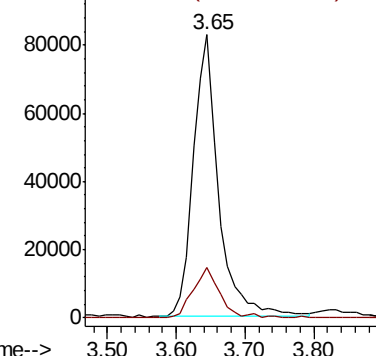


#18
Methyl Acetate
Concen: 88.491 ug/l
RT: 3.65 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

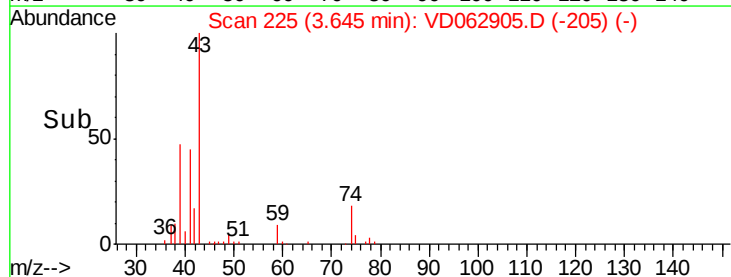
Tgt Ion: 43 Resp: 208283
Ion Ratio Lower Upper
43 100
74 18.0 15.2 22.8

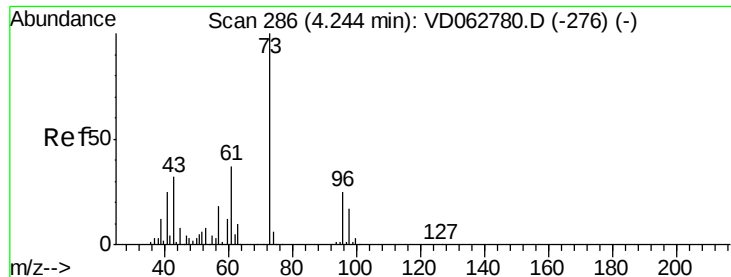


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC



Time-->

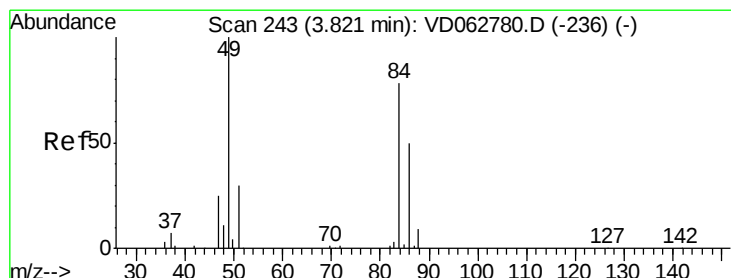
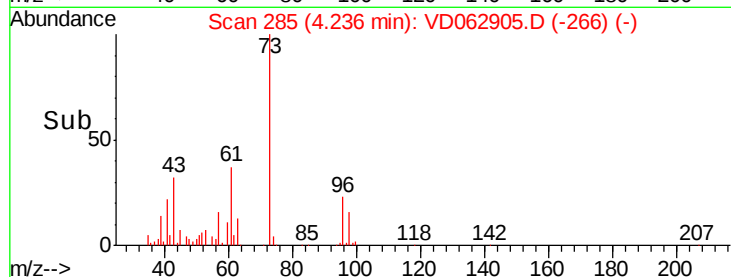
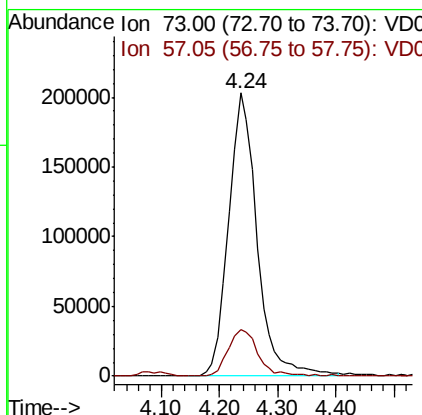
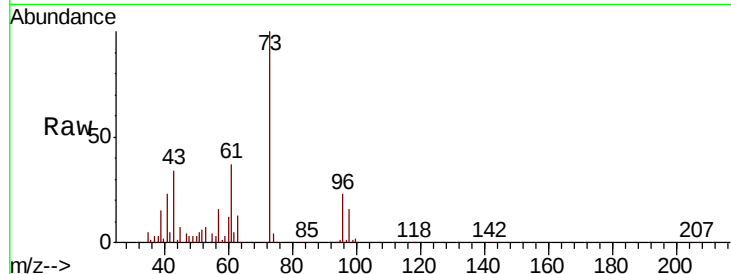




#19
Methyl tert-butyl Ether
Concen: 56.035 ug/l
RT: 4.24 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

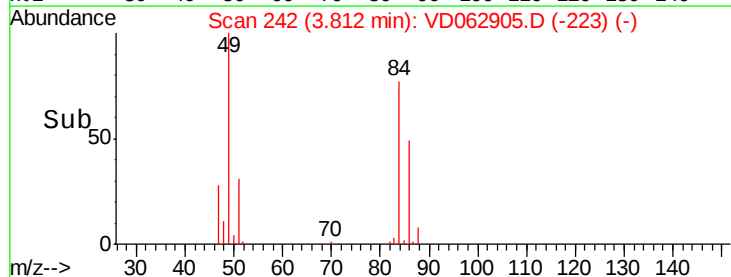
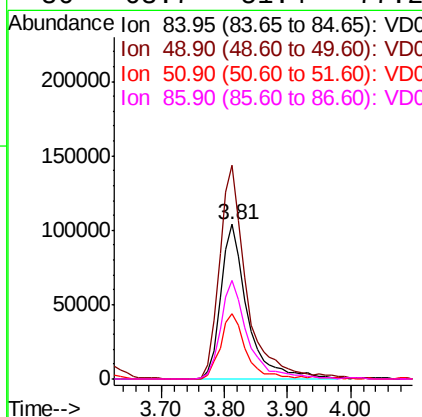
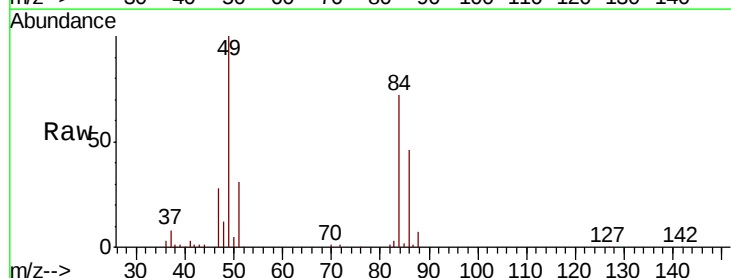
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 690572
Ion Ratio Lower Upper
73 100
57 16.3 14.3 21.5



#20
Methylene Chloride
Concen: 51.388 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion: 84 Resp: 305572
Ion Ratio Lower Upper
84 100
49 138.3 102.9 154.3
51 42.4 31.2 46.8
86 63.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 49.550 ug/l

RT: 4.22 min Scan# 283

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

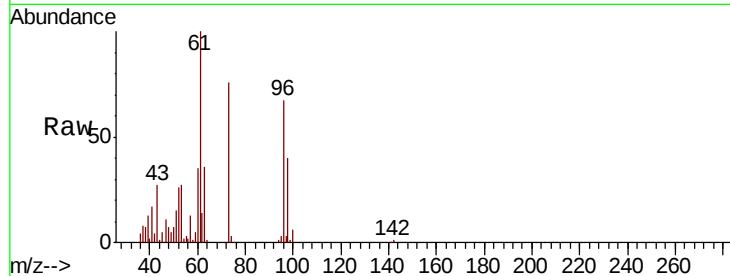
Tot Ion: 96 Resp: 300352

Ion Ratio Lower Upper

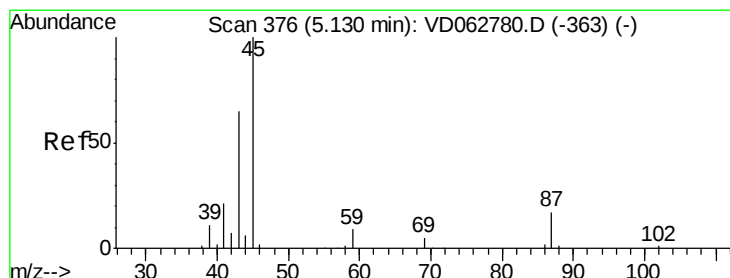
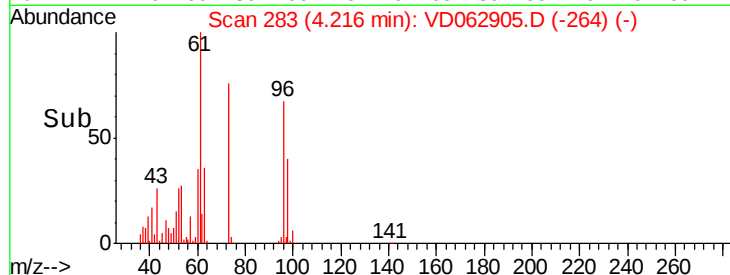
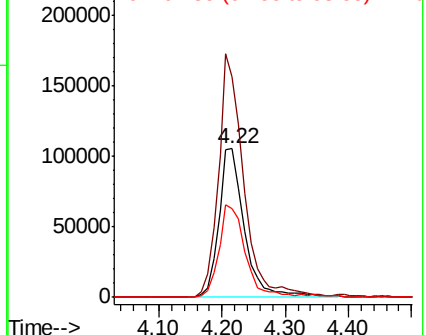
96 100

61 148.4 131.0 196.4

98 59.8 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: 55.982 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Tgt Ion: 45 Resp: 957664

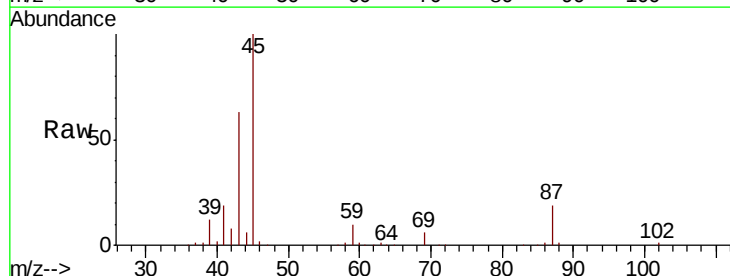
Ion Ratio Lower Upper

45 100

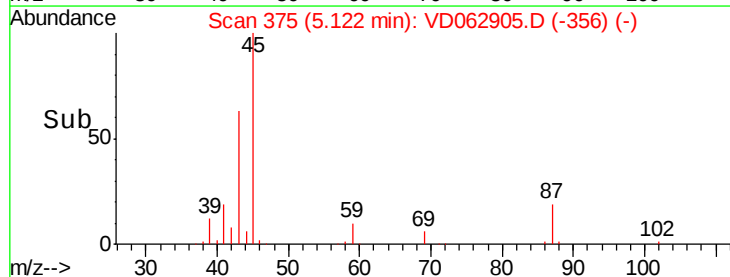
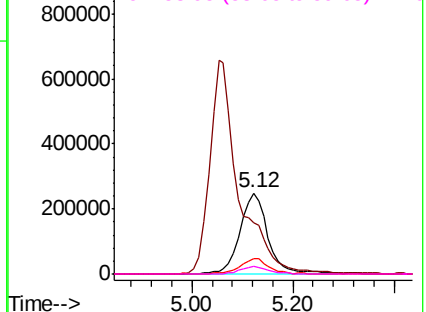
43 62.8 53.4 80.0

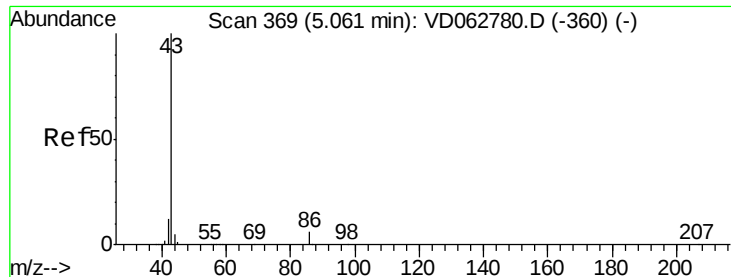
87 19.2 14.6 22.0

59 9.8 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

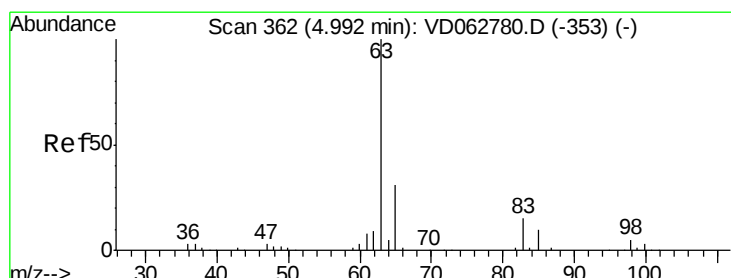
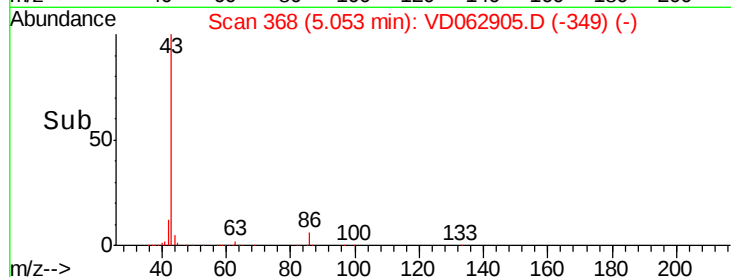
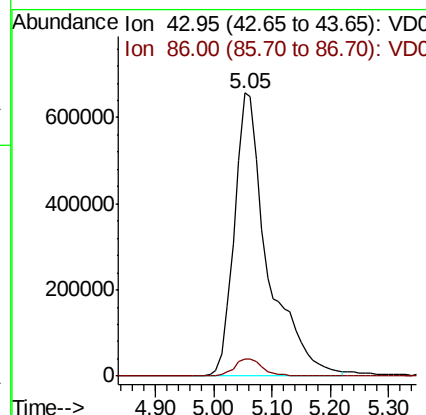
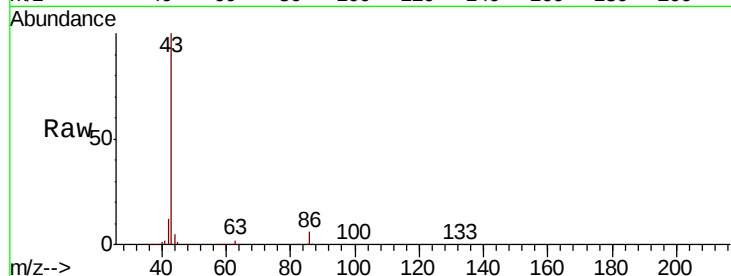




#23
 Vinyl Acetate
 Concen: 244.583 ug/l
 RT: 5.05 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

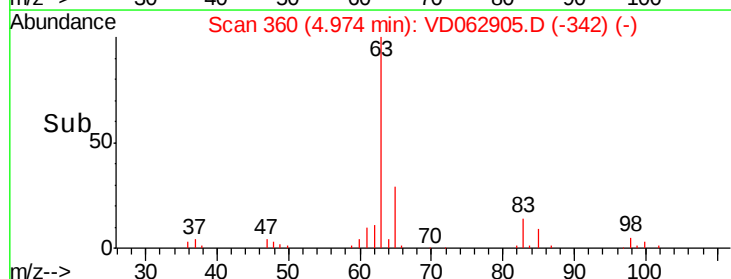
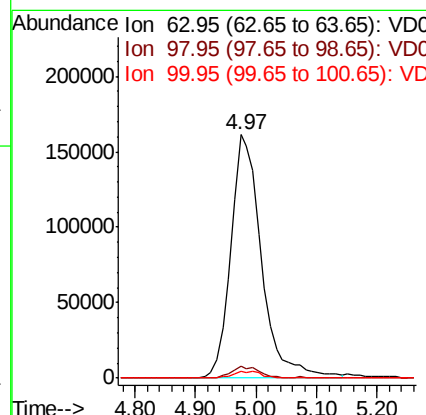
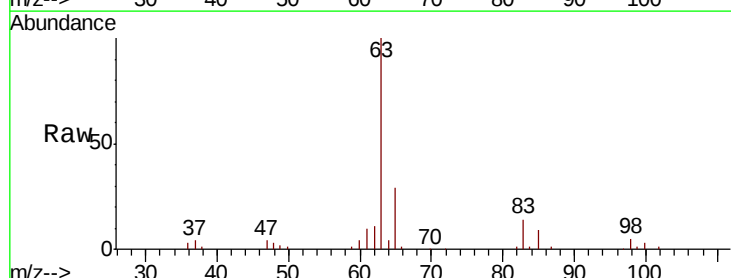
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

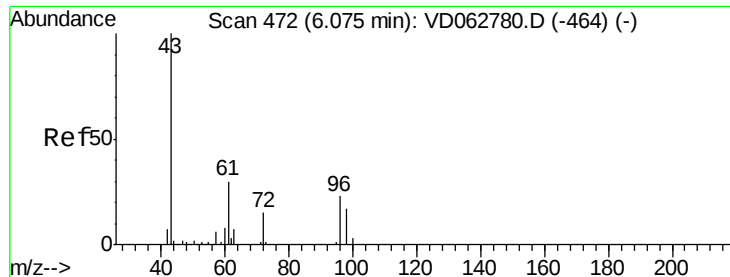
Tot Ion: 43 Resp: 2618086
 Ion Ratio Lower Upper
 43 100
 86 5.9 4.7 7.1



#24
 1,1-Dichloroethane
 Concen: 50.904 ug/l
 RT: 4.97 min Scan# 360
 Delta R.T. -0.02 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Tgt Ion: 63 Resp: 566955
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.3 6.9
 100 2.7 1.7 5.1





#25

2-Butanone

Concen: 286.415 ug/l

RT: 6.08 min Scan# 472

Delta R.T. 0.00 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

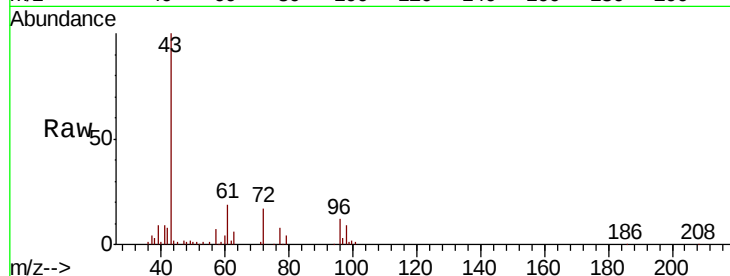
VSTDCCC050EC

Tot Ion: 43 Resp: 417674

Ion Ratio Lower Upper

43 100

72 17.1 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.08

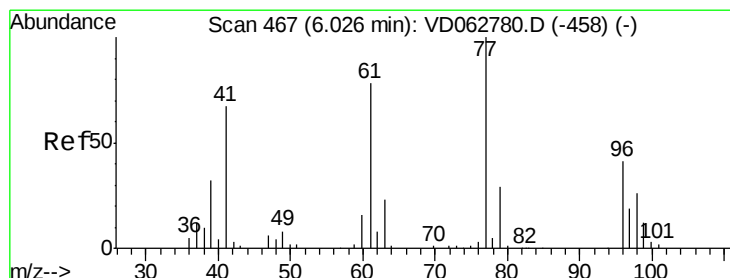
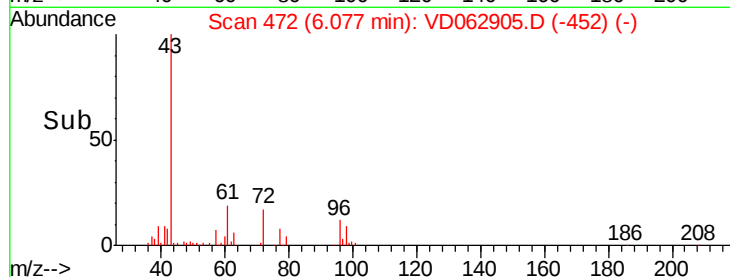
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.284 ug/l

RT: 6.02 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD062905.D

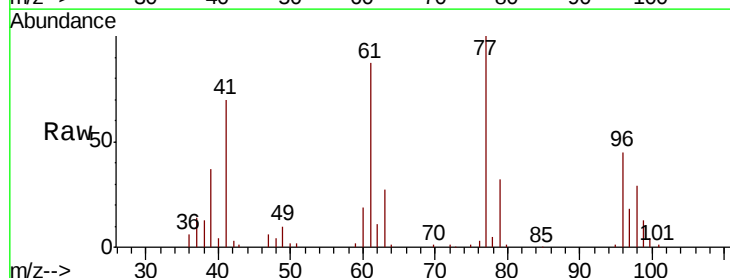
Acq: 26 Jun 2019 5:46

Tgt Ion: 77 Resp: 522785

Ion Ratio Lower Upper

77 100

97 18.3 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

6.02

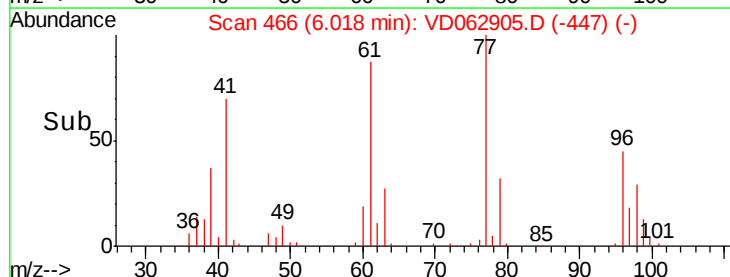
150000

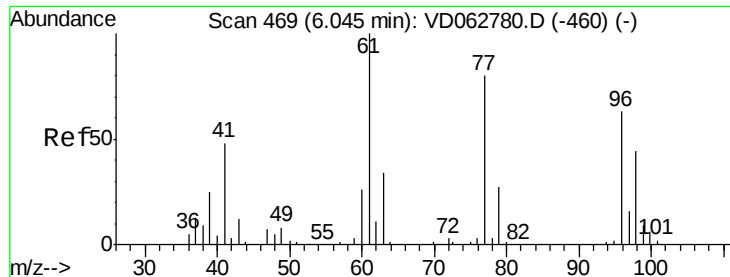
100000

50000

0

Time-->



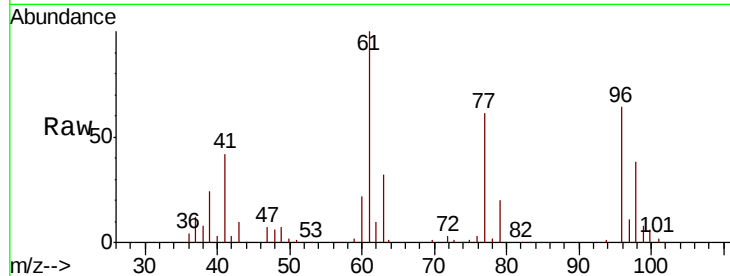


#27

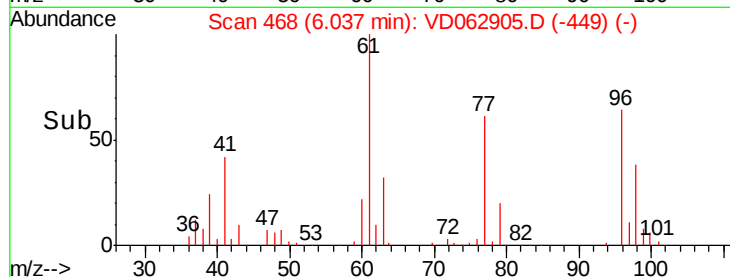
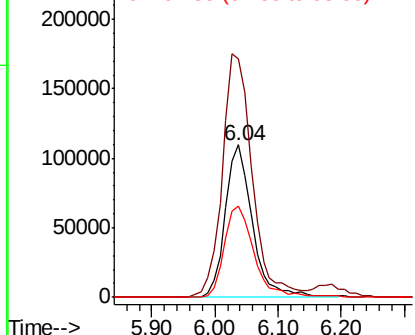
cis-1,2-Dichloroethene
 Concen: 51.122 ug/l
 RT: 6.04 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 327691
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 316.0
 98 59.6 0.0 138.4



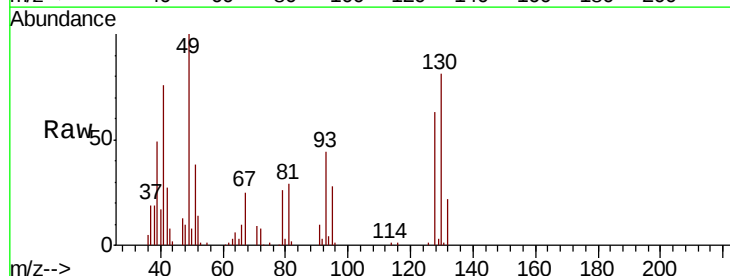
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



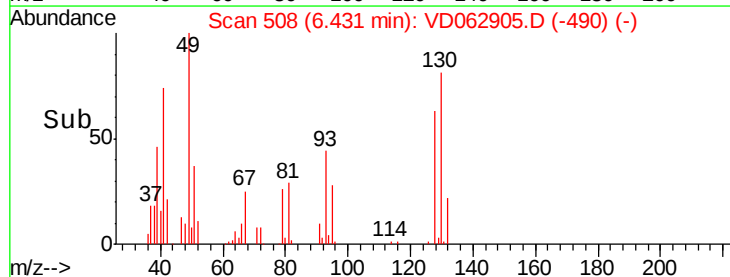
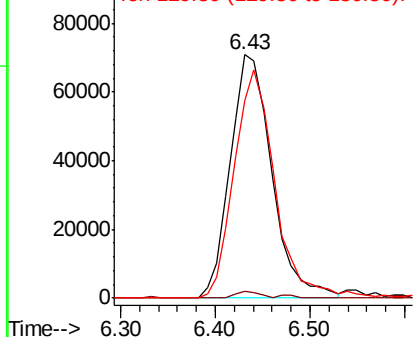
#28

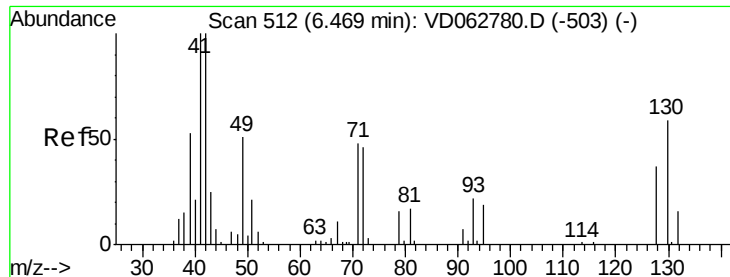
Bromochloromethane
 Concen: 55.077 ug/l
 RT: 6.43 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Tgt Ion: 49 Resp: 216051
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.6
 130 81.3 76.6 114.8



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





#29

Tetrahydrofuran

Concen: 271.376 ug/l

RT: 6.46 min Scan# 511

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

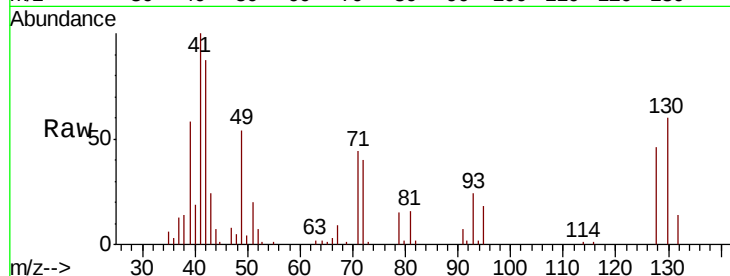
Tot Ion: 42 Resp: 187241

Ion Ratio Lower Upper

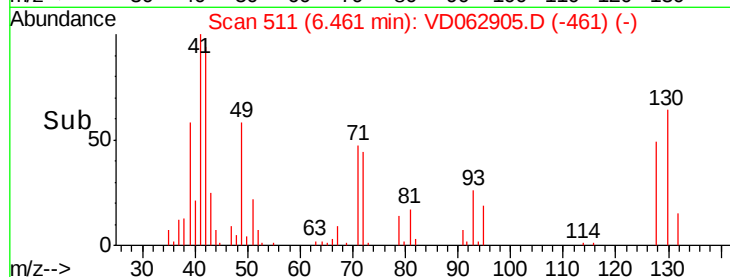
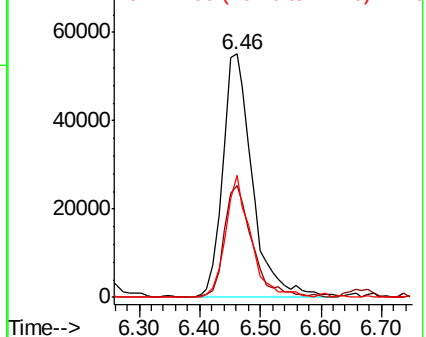
42 100

72 43.7 35.0 52.6

71 42.6 33.3 49.9



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



#30

Chloroform

Concen: 57.019 ug/l

RT: 6.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: VD062905.D

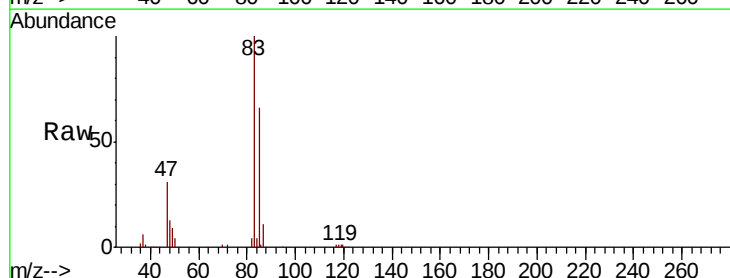
Acq: 26 Jun 2019 5:46

Tgt Ion: 83 Resp: 772325

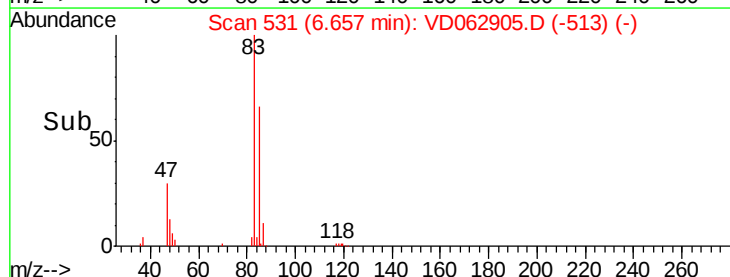
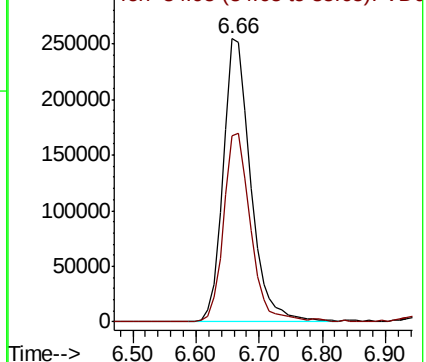
Ion Ratio Lower Upper

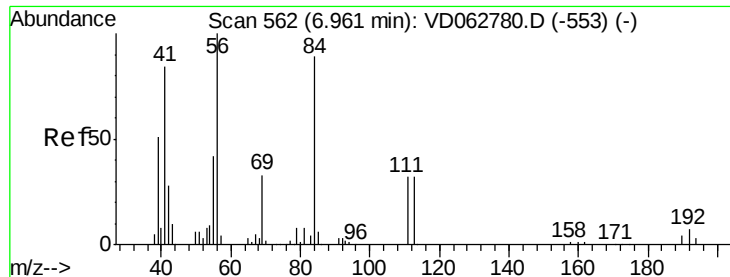
83 100

85 66.0 49.8 74.6



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC

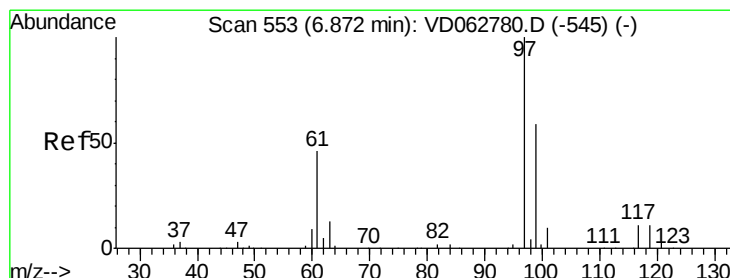
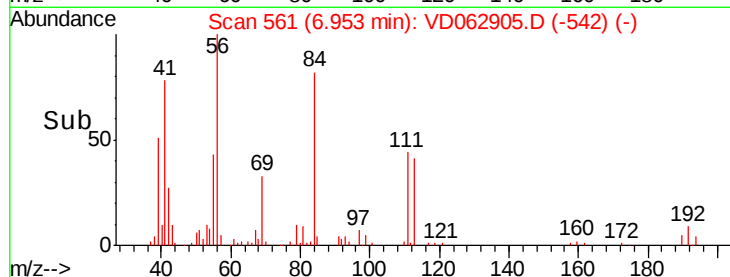
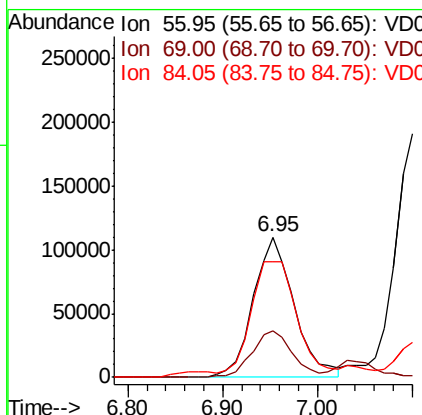
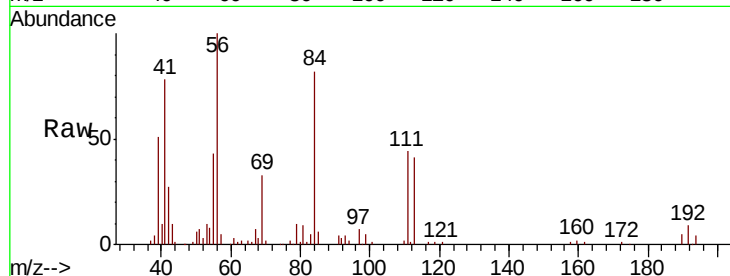




#31
Cyclohexane
Concen: 45.162 ug/l
RT: 6.95 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

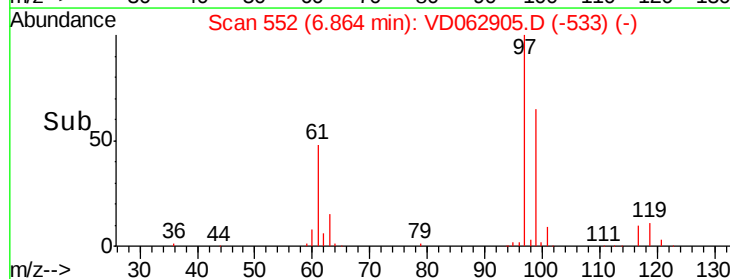
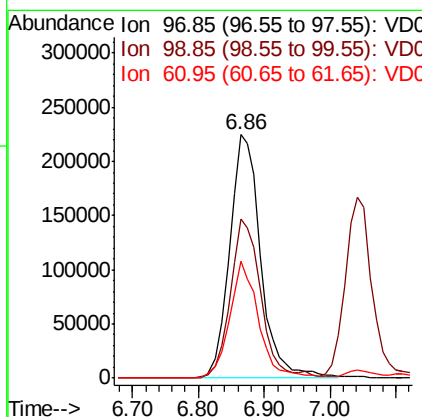
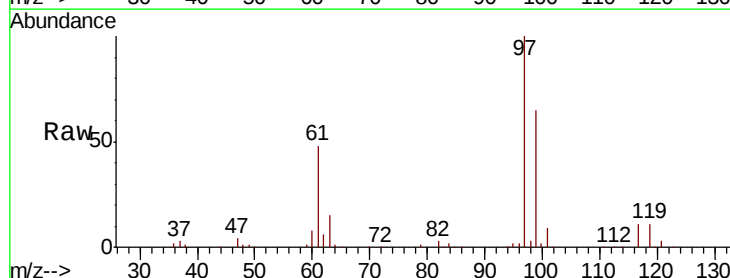
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

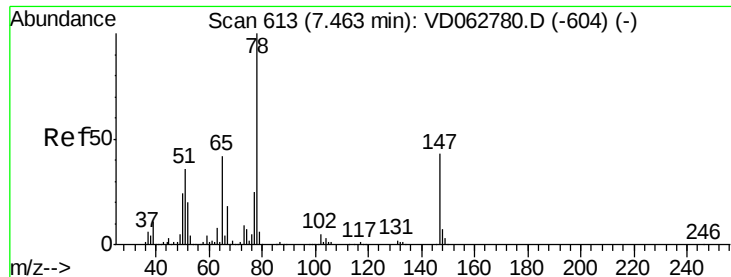
Tot Ion: 56 Resp: 330669
Ion Ratio Lower Upper
56 100
69 32.7 26.6 39.8
84 82.0 75.5 113.3



#32
1,1,1-Trichloroethane
Concen: 52.476 ug/l
RT: 6.86 min Scan# 552
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion: 97 Resp: 740343
Ion Ratio Lower Upper
97 100
99 65.3 47.4 71.2
61 48.2 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 53.459 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

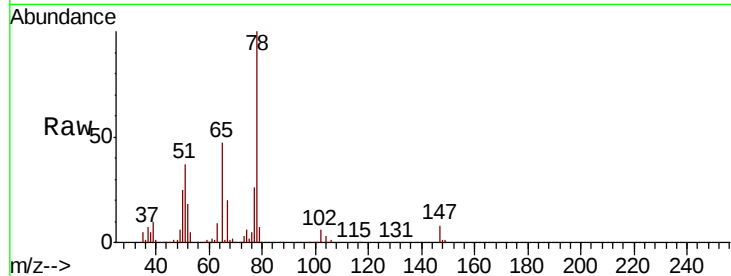
VSTDCCC050EC

Tot Ion: 65 Resp: 416822

Ion Ratio Lower Upper

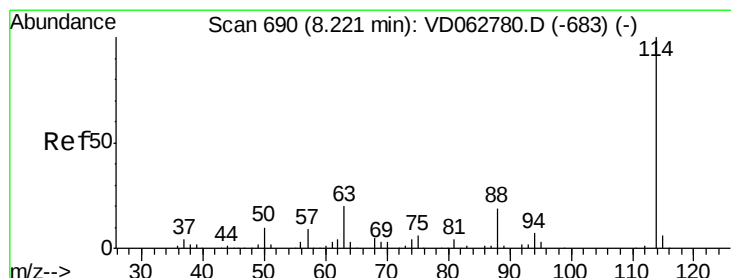
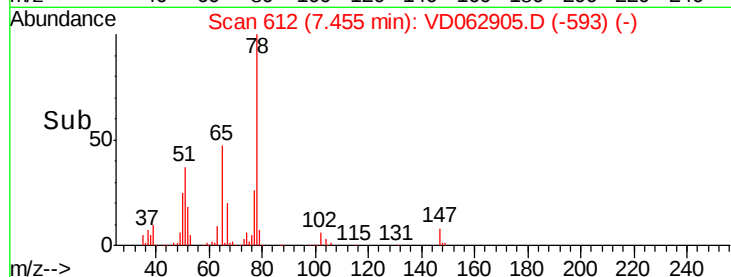
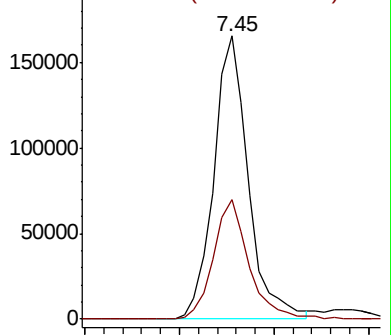
65 100

67 42.4 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

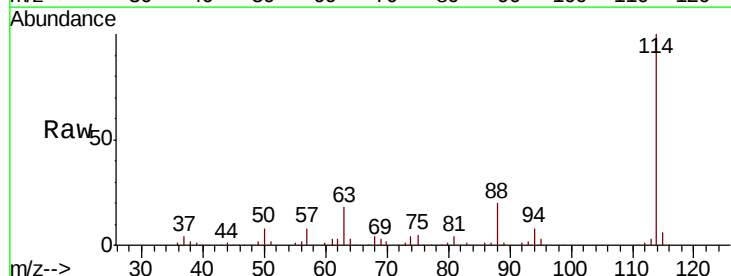
Tgt Ion: 114 Resp: 969809

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

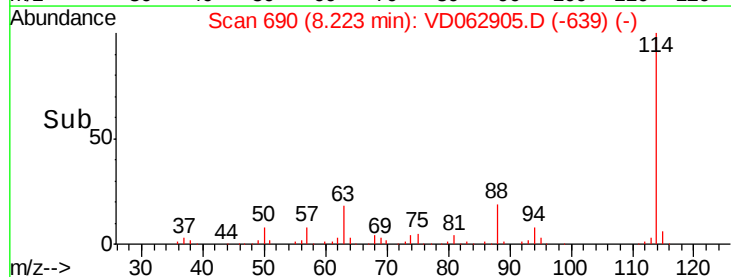
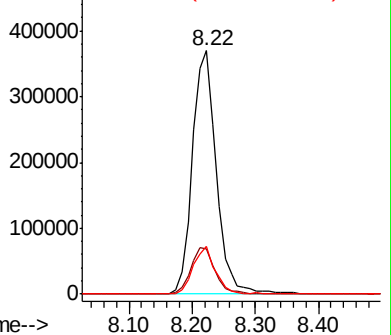
88 19.6 0.0 38.8

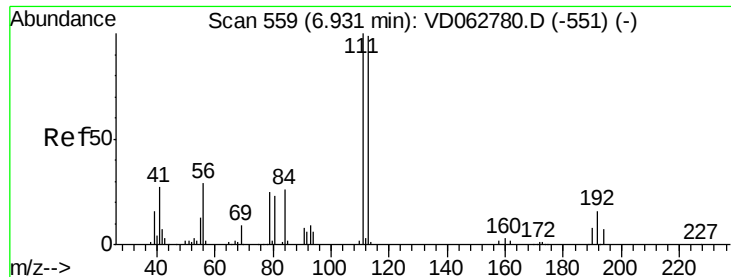


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

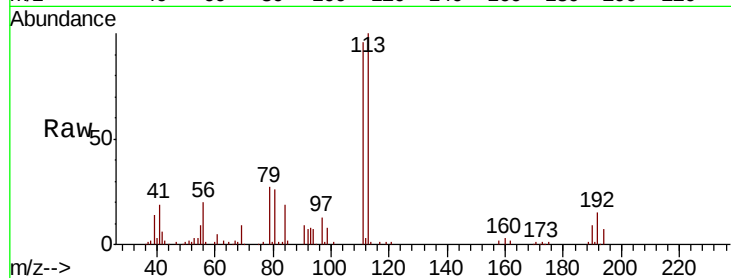




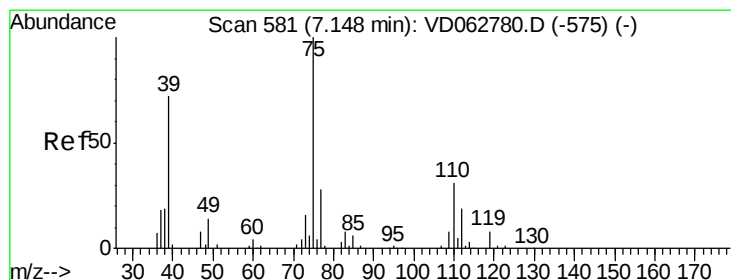
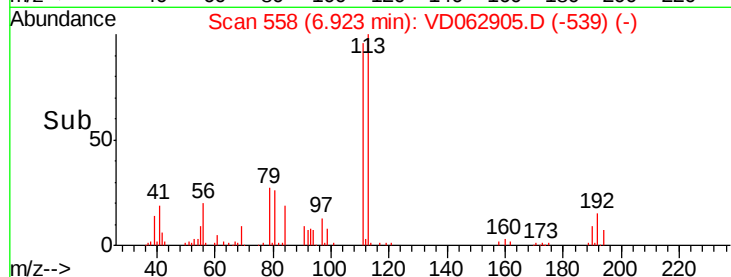
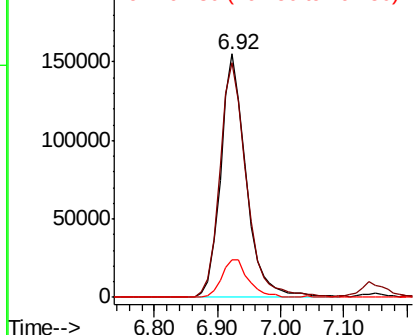
#35
 Dibromofluoromethane
 Concen: 53.298 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 435838
 Ion Ratio Lower Upper
 113 100
 111 96.2 81.2 121.8
 192 15.2 12.9 19.3

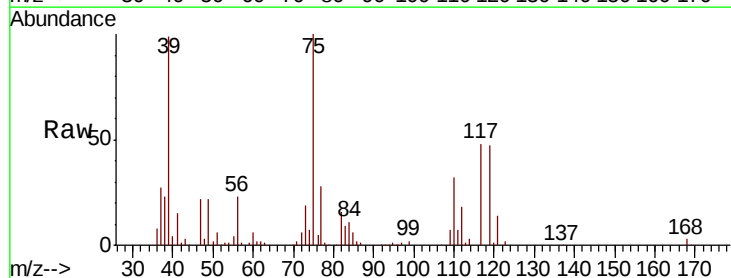


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

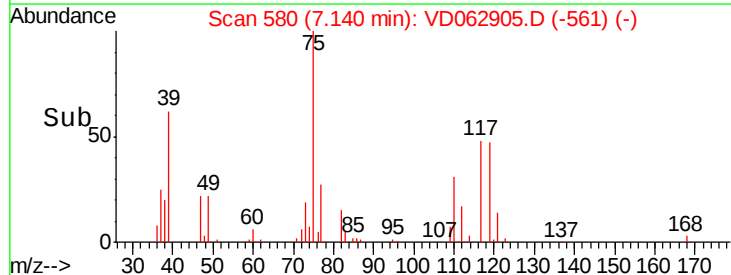
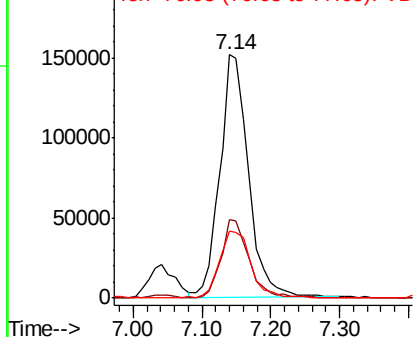


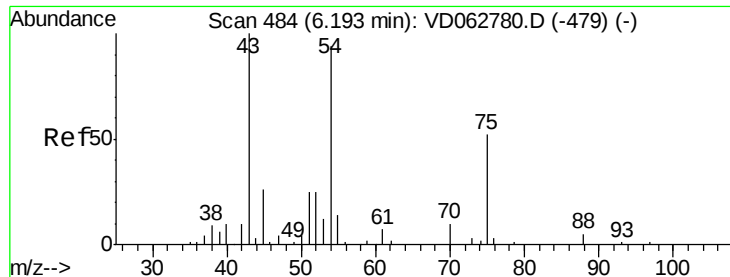
#36
 1,1-Dichloropropene
 Concen: 47.533 ug/l
 RT: 7.14 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Tgt Ion: 75 Resp: 436386
 Ion Ratio Lower Upper
 75 100
 110 32.4 15.0 45.1
 77 27.6 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: 55.104 ug/l

RT: 6.18 min Scan# 483

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

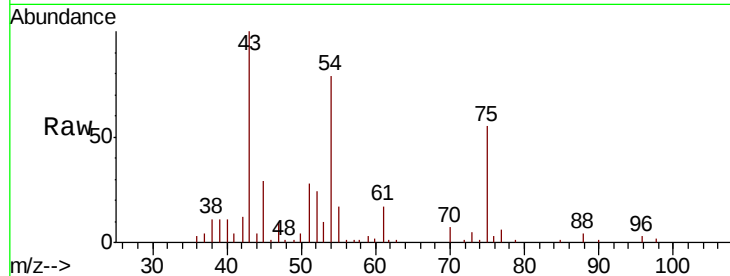
Tot Ion: 43 Resp: 212077

Ion Ratio Lower Upper

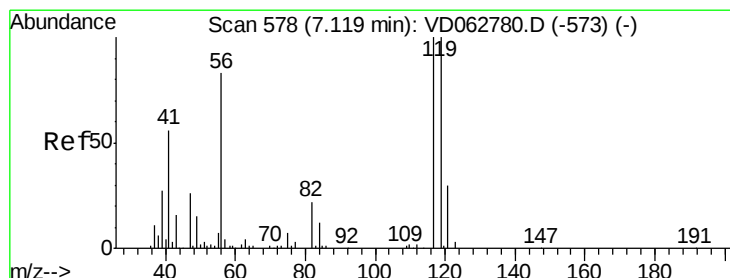
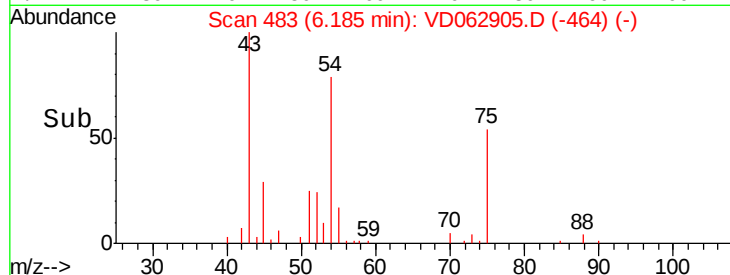
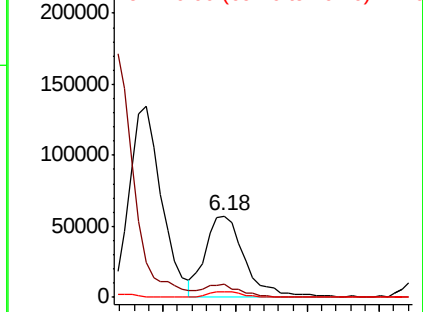
43 100

61 16.5 11.6 17.4

70 6.9 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 55.528 ug/l

RT: 7.11 min Scan# 577

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

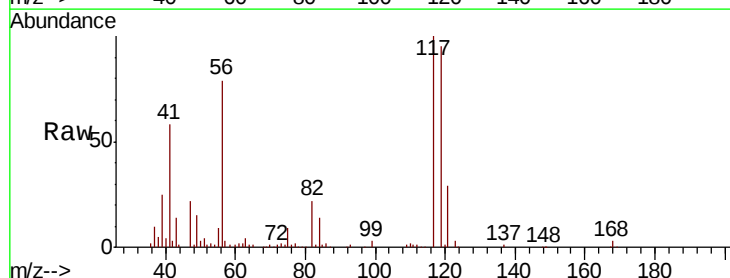
Tgt Ion: 117 Resp: 766696

Ion Ratio Lower Upper

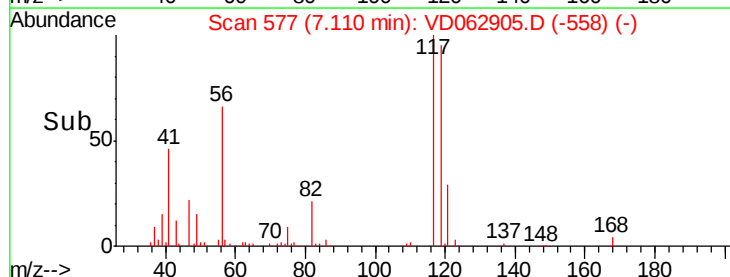
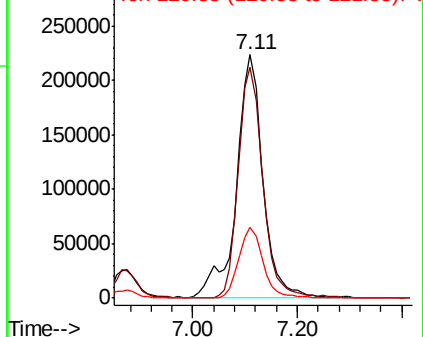
117 100

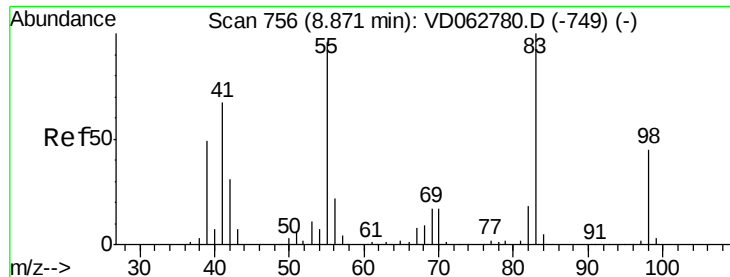
119 94.7 75.4 113.2

121 29.3 22.3 33.5



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

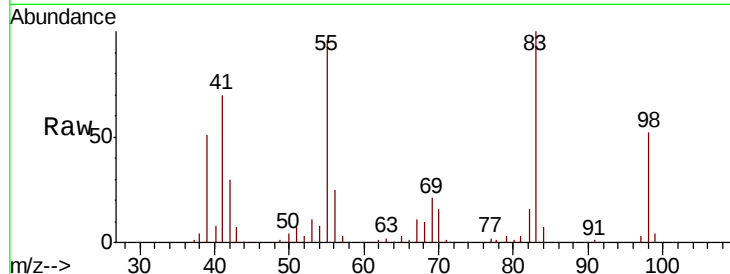




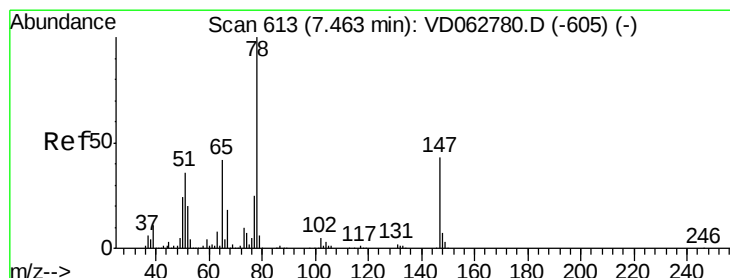
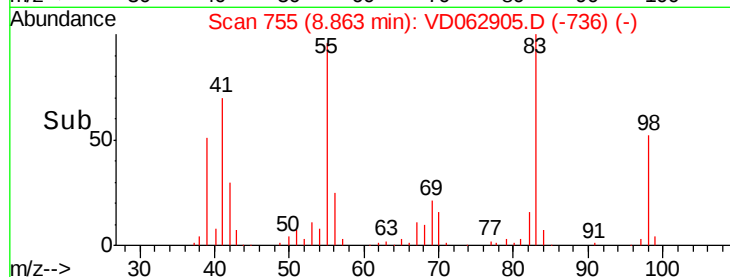
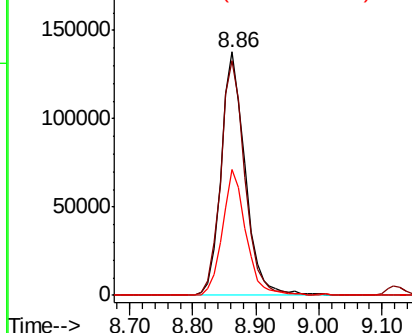
#39
Methvlcvclohexane
Concen: 45.175 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 365062
Ion Ratio Lower Upper
83 100
55 96.1 76.6 115.0
98 51.7 35.7 53.5

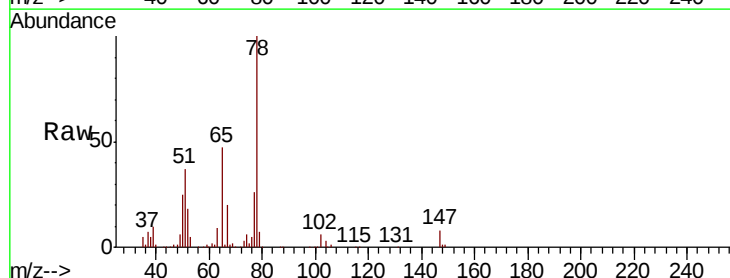


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

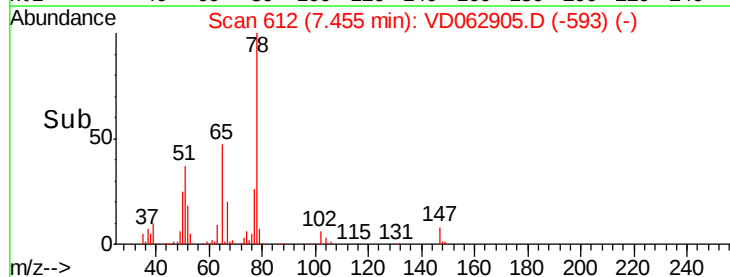
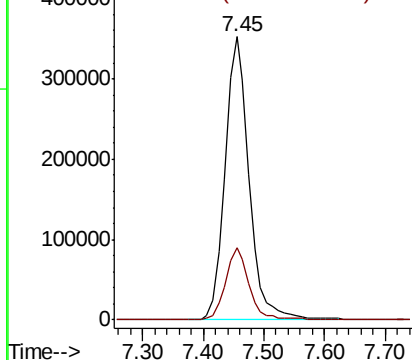


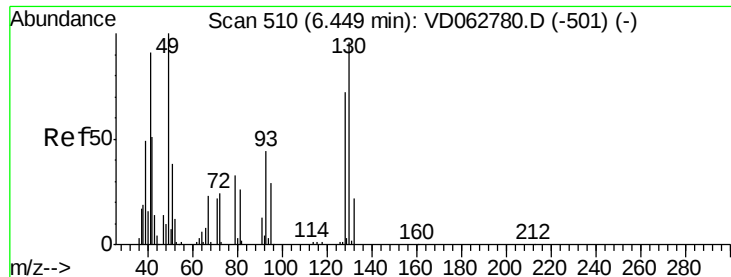
#40
Benzene
Concen: 52.604 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion: 78 Resp: 969395
Ion Ratio Lower Upper
78 100
77 25.7 20.2 30.2



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

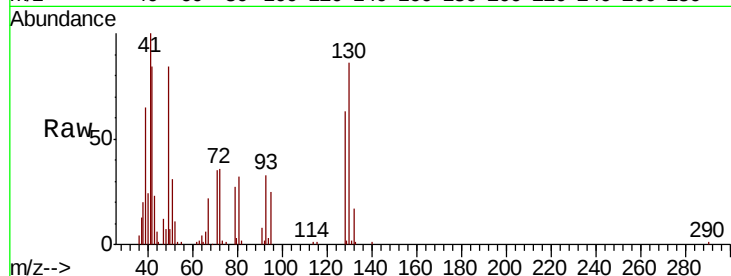




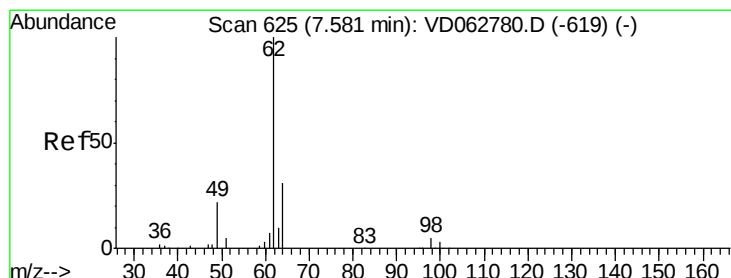
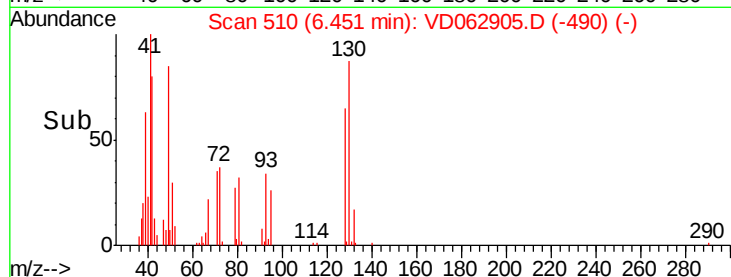
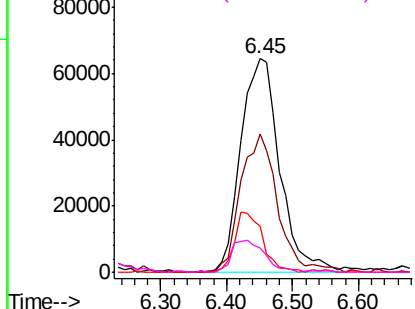
#41
Methacrylonitrile
Concen: 55.270 ug/l
RT: 6.45 min Scan# 510
Delta R.T. 0.00 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	267592
Ion	Ratio	Lower	Upper
41	100		
39	64.7	43.2	64.8
67	21.7	19.9	29.9
52	11.5	10.2	15.4

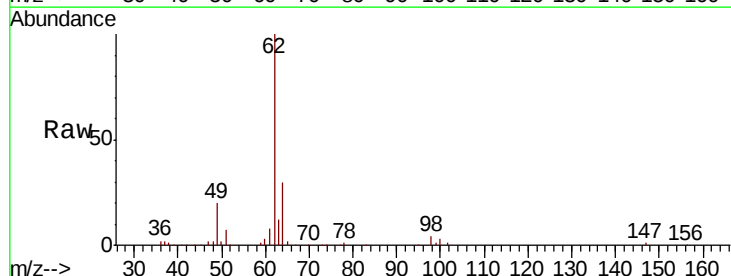


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

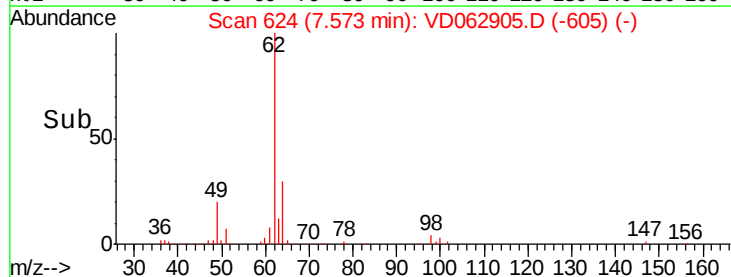
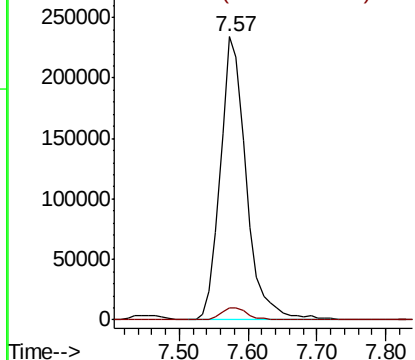


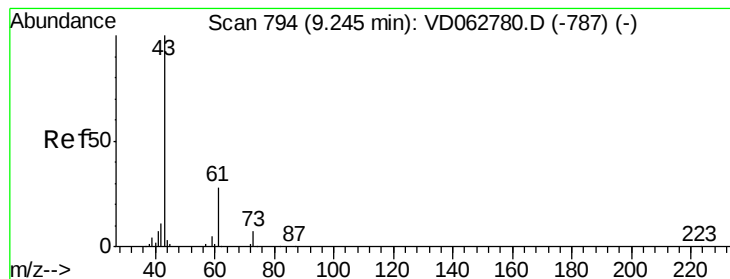
#42
1,2-Dichloroethane
Concen: 60.582 ug/l
RT: 7.57 min Scan# 624
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion:	62	Resp:	609035
Ion	Ratio	Lower	Upper
62	100		
98	4.2	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: 60.991 ug/l

RT: 9.25 min Scan# 794

Delta R.T. 0.00 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

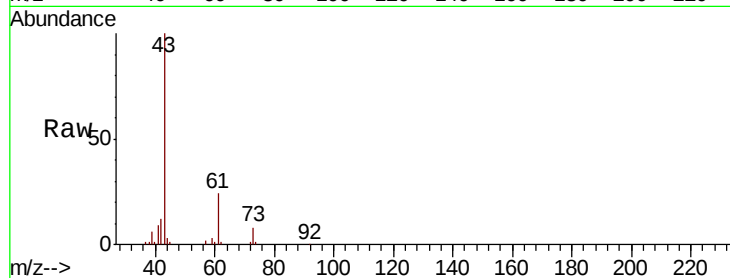
Tot Ion: 43 Resp: 293556

Ion Ratio Lower Upper

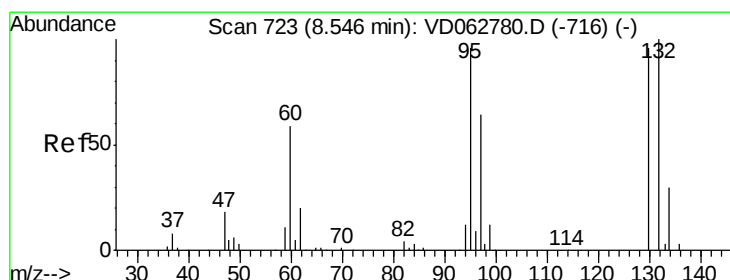
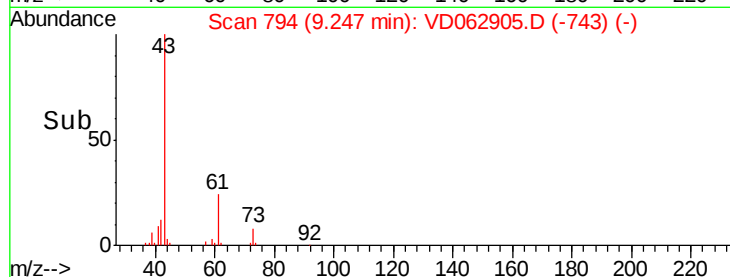
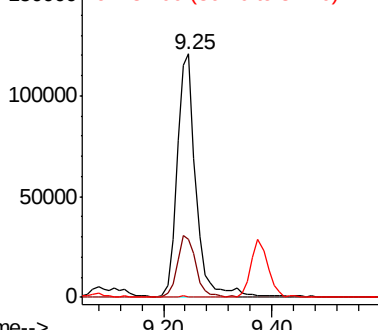
43 100

61 23.8 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: 55.295 ug/l

RT: 8.54 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD062905.D

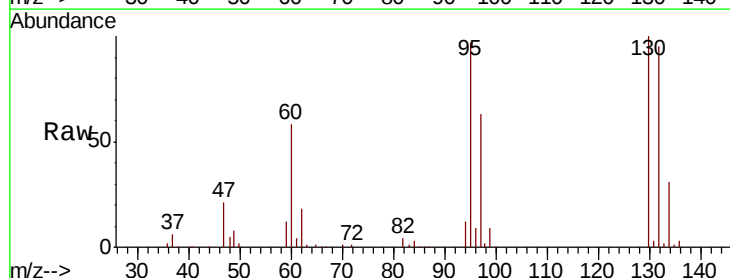
Acq: 26 Jun 2019 5:46

Tgt Ion:130 Resp: 399490

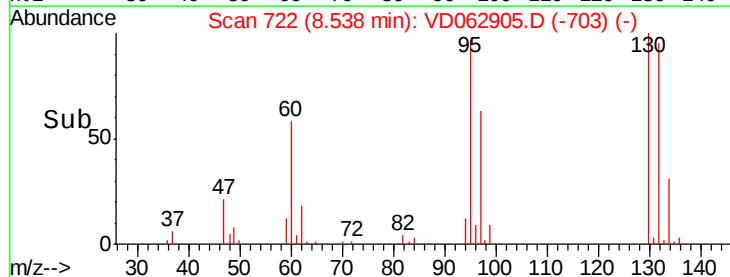
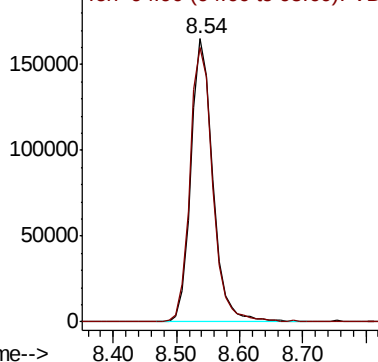
Ion Ratio Lower Upper

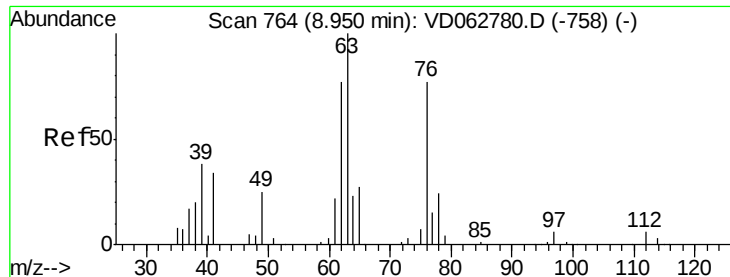
130 100

95 96.7 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: 53.019 ug/l

RT: 8.94 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

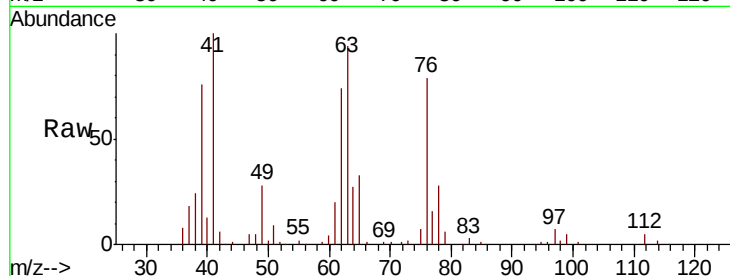
VSTDCCC050EC

Tot Ion: 63 Resp: 242948

Ion Ratio Lower Upper

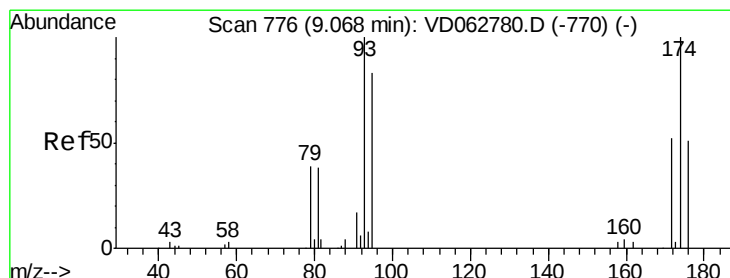
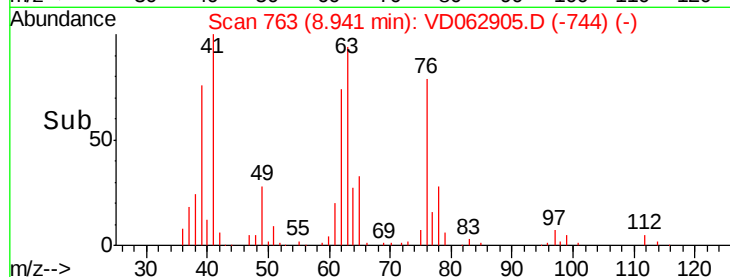
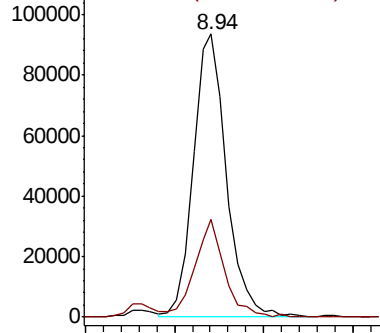
63 100

65 34.5 24.2 36.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 56.531 ug/l

RT: 9.06 min Scan# 775

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

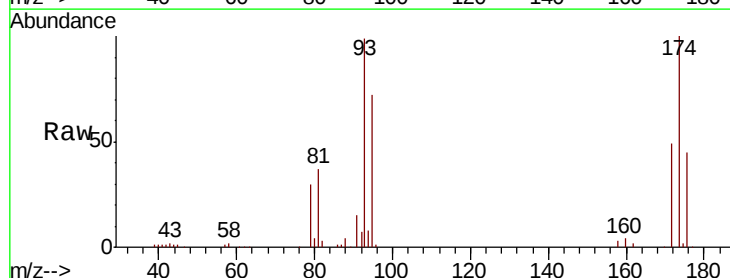
Tgt Ion: 93 Resp: 222522

Ion Ratio Lower Upper

93 100

95 73.6 66.6 100.0

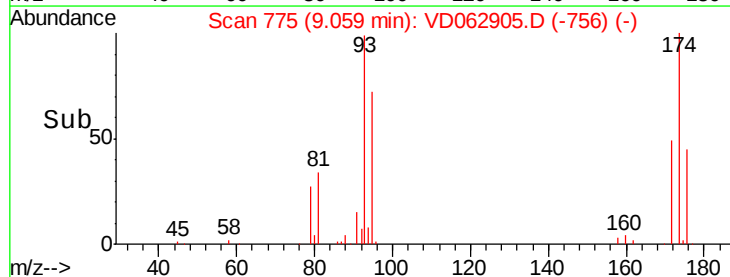
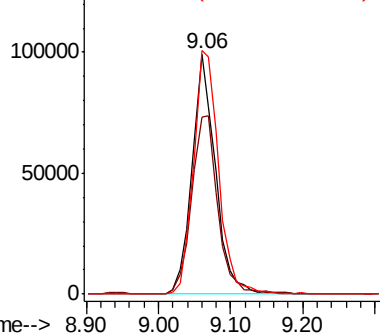
174 101.5 79.7 119.5



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





#47

Bromodichloromethane

Concen: 60.397 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

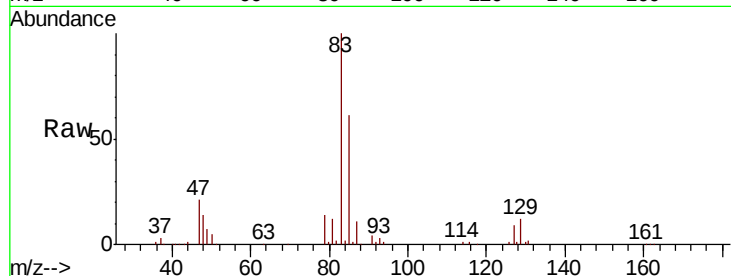
Tot Ion: 83 Resp: 617431

Ion Ratio Lower Upper

83 100

85 60.6 51.6 77.4

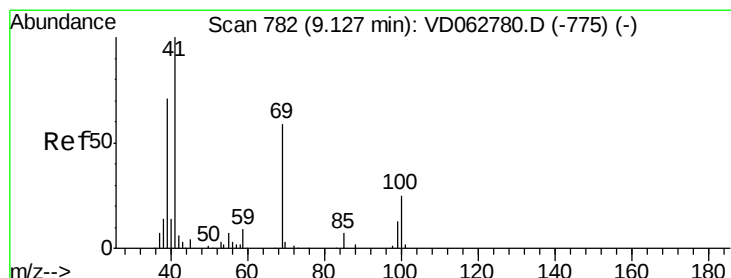
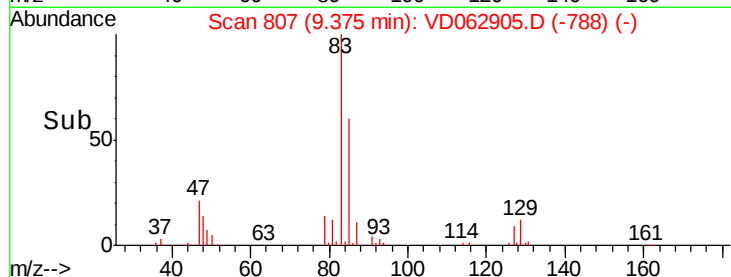
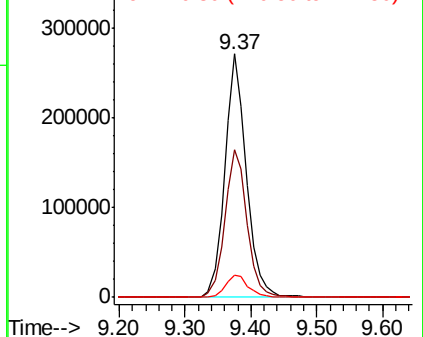
127 9.3 7.8 11.6



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: 57.052 ug/l

RT: 9.12 min Scan# 781

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

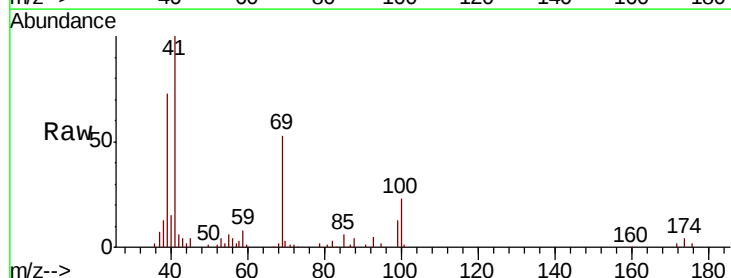
Tgt Ion: 41 Resp: 195136

Ion Ratio Lower Upper

41 100

69 53.2 47.2 70.8

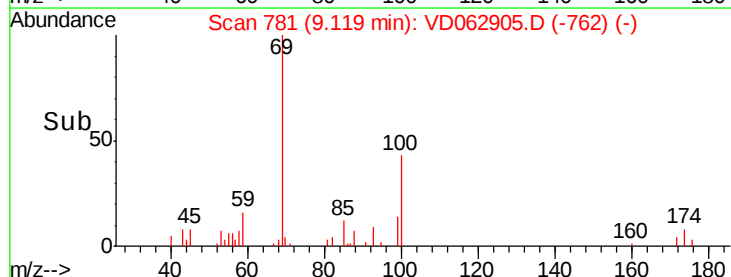
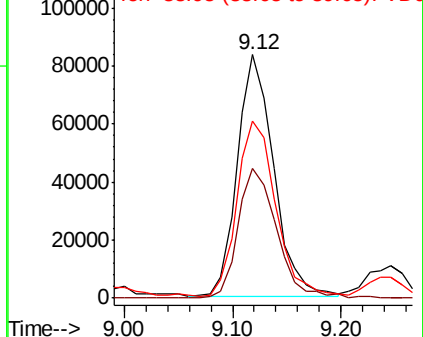
39 72.9 57.4 86.2

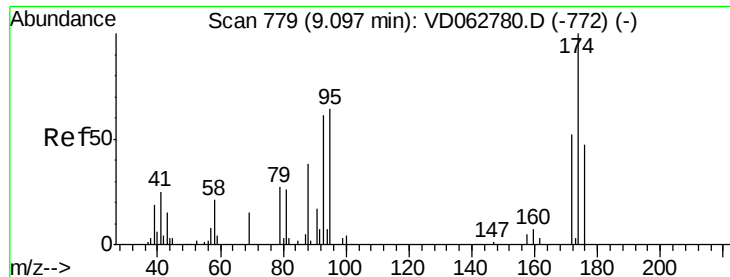


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

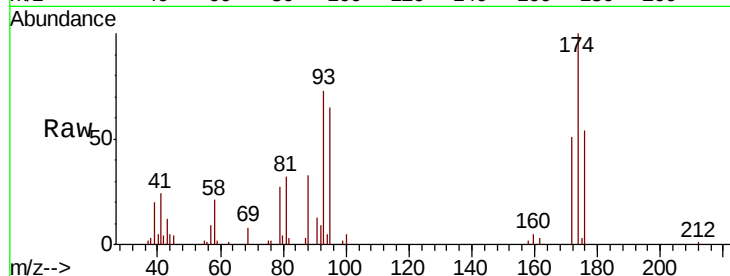




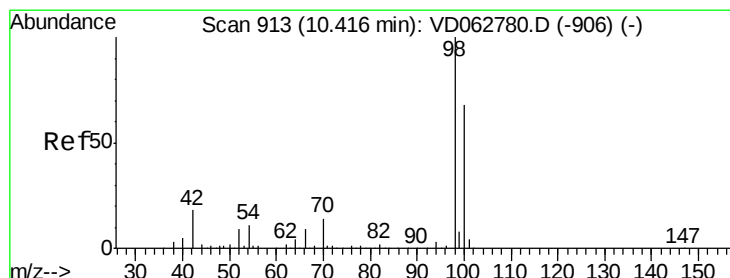
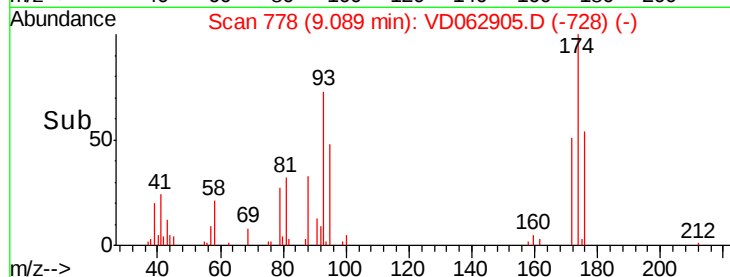
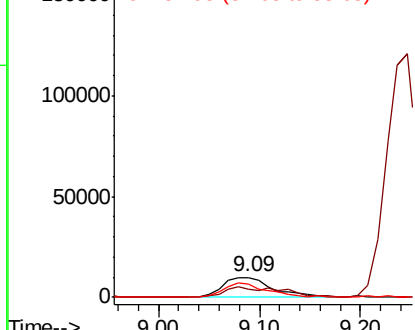
#49
1,4-Dioxane
Concen: 1174.870 ug/l
RT: 9.09 min Scan# 778
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 33432
Ion Ratio Lower Upper
88 100
43 37.4 32.1 48.1
58 64.7 44.1 66.1

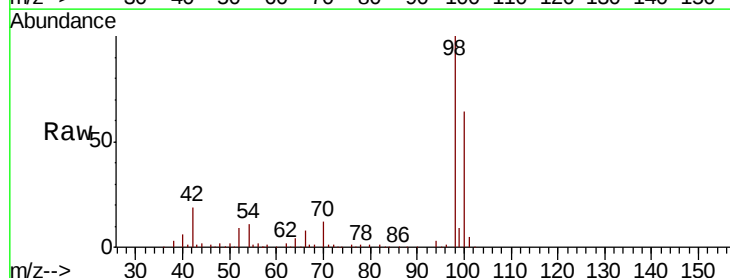


Abundance Ion 88.00 (87.75 to 88.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

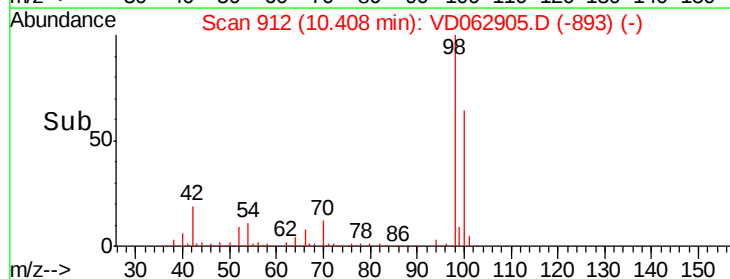
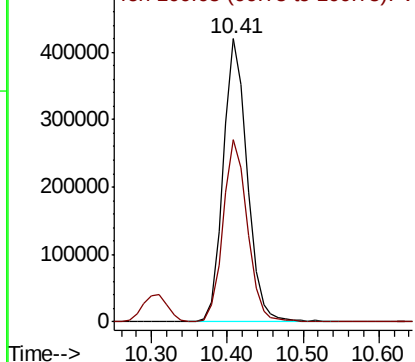


#50
Toluene-d8
Concen: 51.801 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion: 98 Resp: 921950
Ion Ratio Lower Upper
98 100
100 64.2 54.7 82.1



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

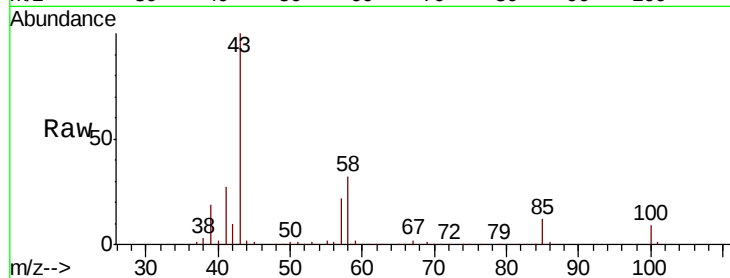




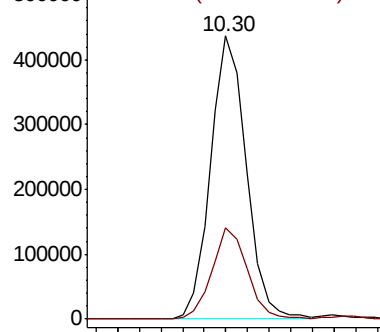
#51
4-Methyl-2-Pentanone
Concen: 293.445 ug/l
RT: 10.30 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

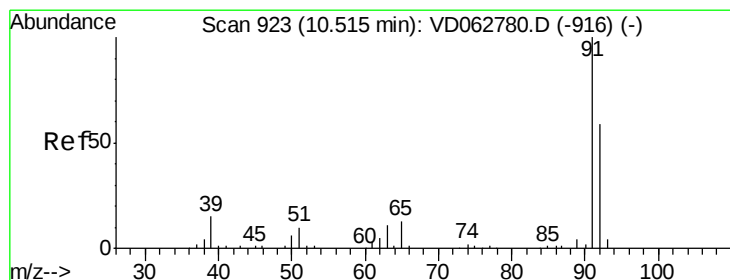
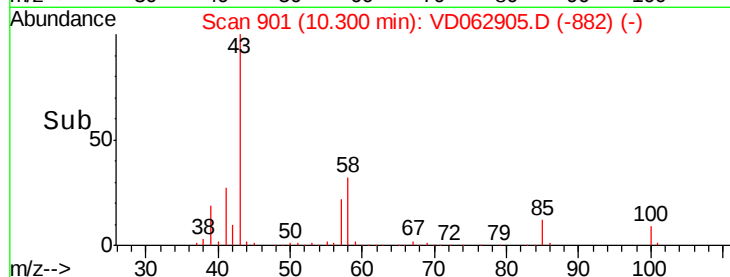
Tot Ion: 43 Resp: 1001366
Ion Ratio Lower Upper
43 100
58 32.3 26.6 40.0



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

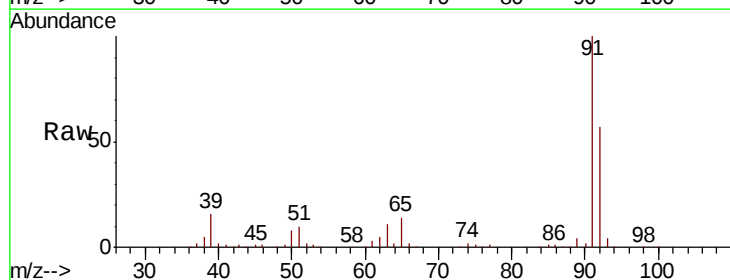


Time-->

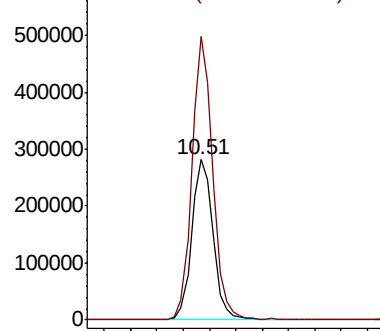


#52
Toluene
Concen: 51.271 ug/l
RT: 10.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

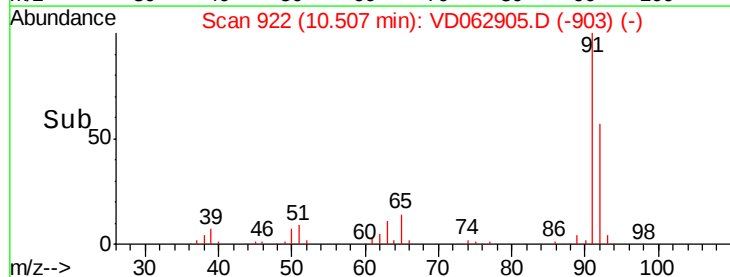
Tgt Ion: 92 Resp: 635121
Ion Ratio Lower Upper
92 100
91 176.5 136.3 204.5

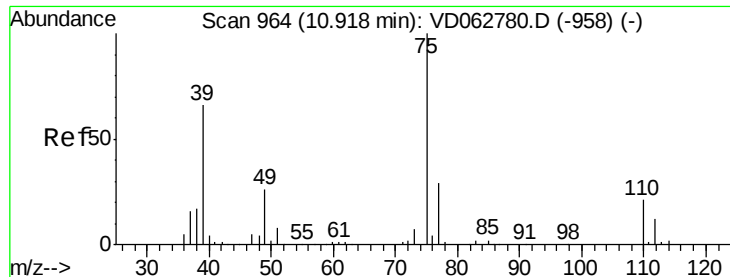


Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



Time-->

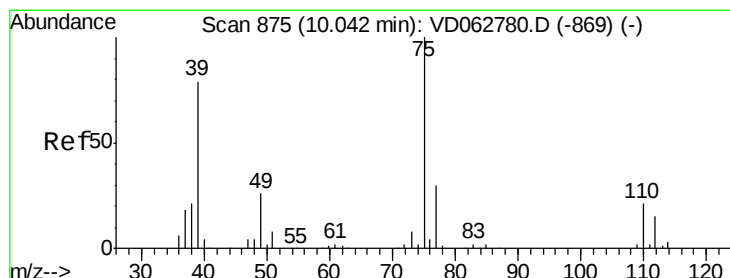
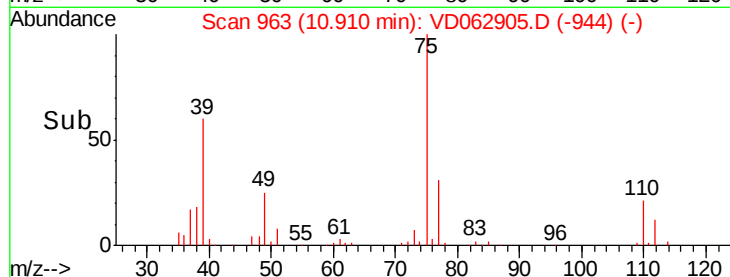
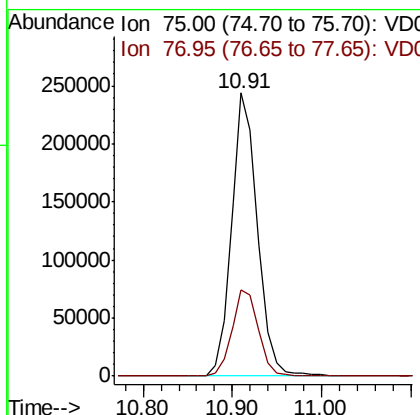
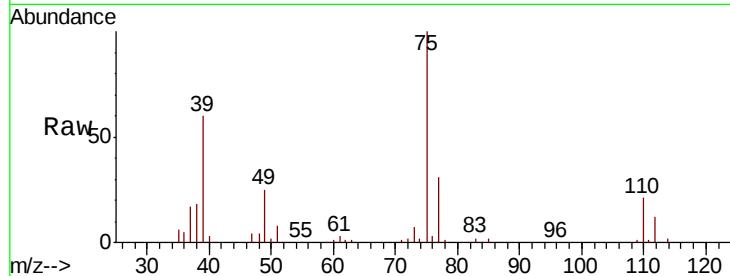




#53
 t-1,3-Dichloropropene
 Concen: 59.036 ug/l
 RT: 10.91 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

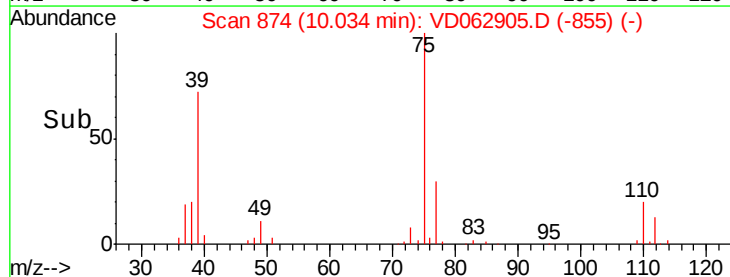
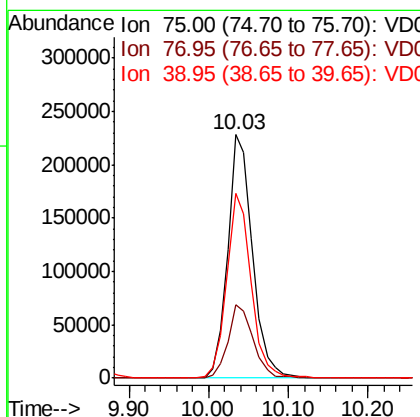
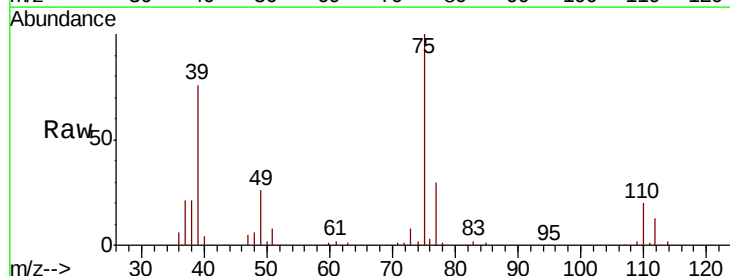
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

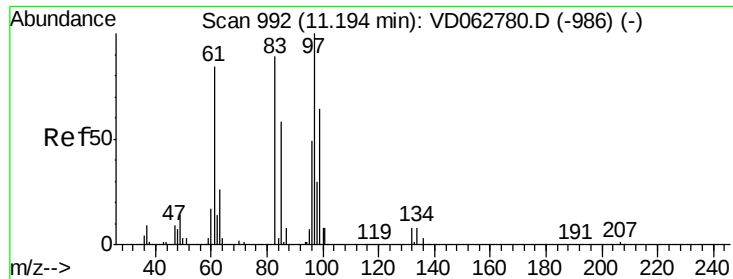
Tot Ion: 75 Resp: 493972
 Ion Ratio Lower Upper
 75 100
 77 30.5 23.2 34.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.670 ug/l
 RT: 10.03 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Tgt Ion: 75 Resp: 497201
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.2 36.2
 39 75.8 63.5 95.3

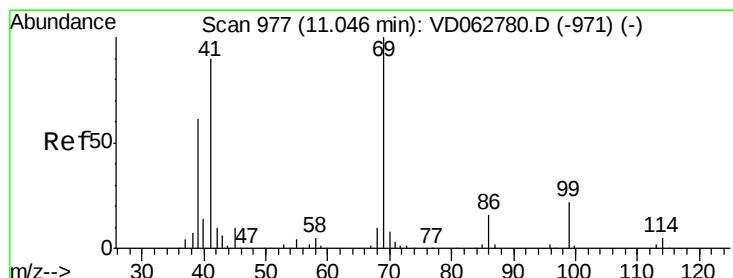
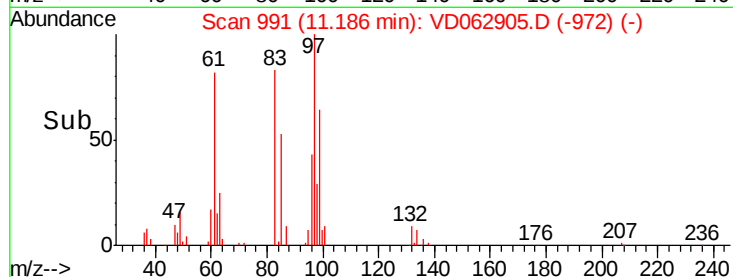
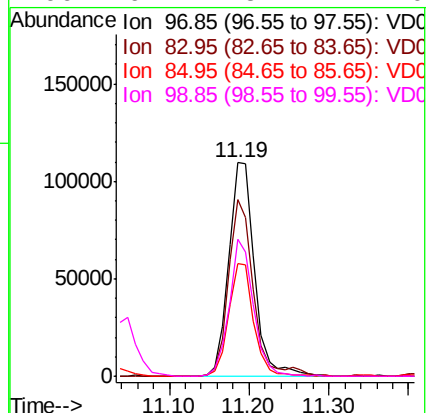
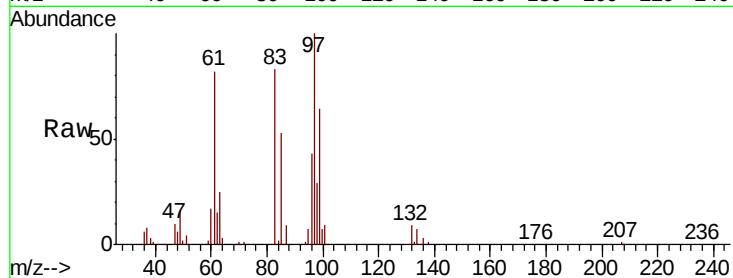




#55
 1,1,2-Trichloroethane
 Concen: 58.659 ug/l
 RT: 11.19 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

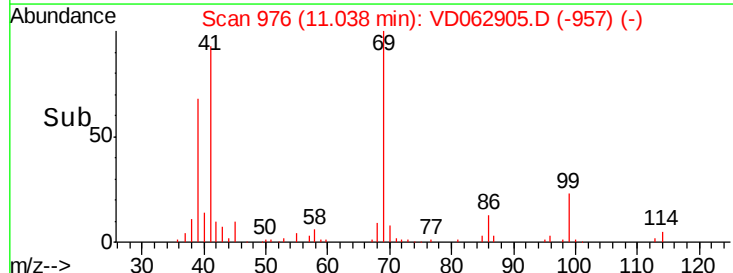
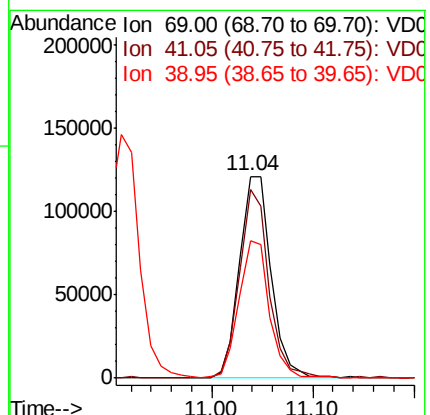
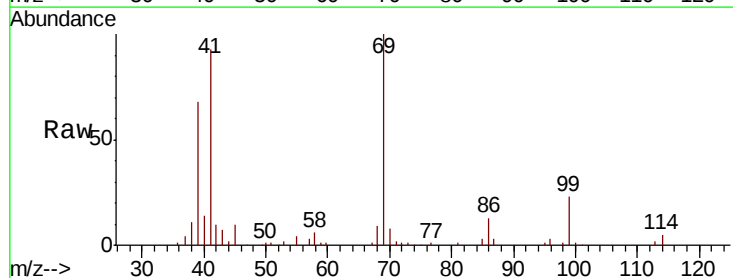
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

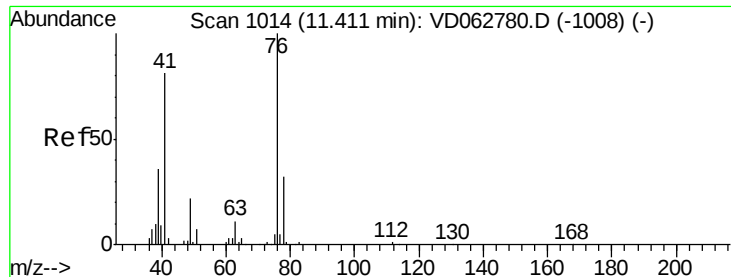
Tot Ion:	97	Resp:	249645
Ion	Ratio	Lower	Upper
97	100		
83	82.9	71.0	106.4
85	52.8	46.6	69.8
99	64.2	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 58.221 ug/l
 RT: 11.04 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Tgt Ion:	69	Resp:	264803
Ion	Ratio	Lower	Upper
69	100		
41	93.5	72.0	108.0
39	68.3	49.5	74.3





#57

1,3-Dichloropropane

Concen: 57.067 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

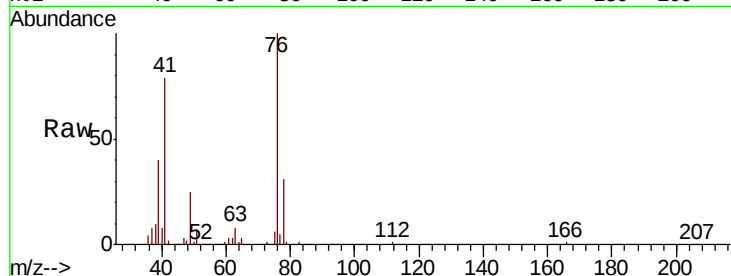
VSTDCCC050EC

Tot Ion: 76 Resp: 371871

Ion Ratio Lower Upper

76 100

78 30.7 25.4 38.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.41

200000

150000

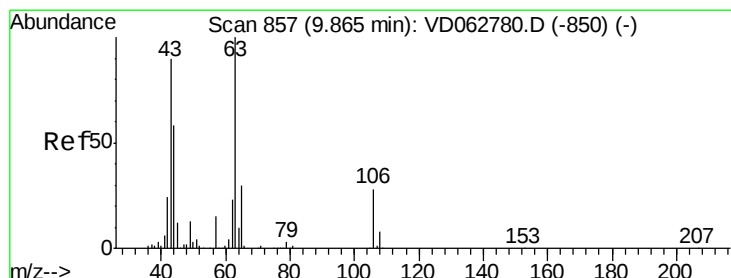
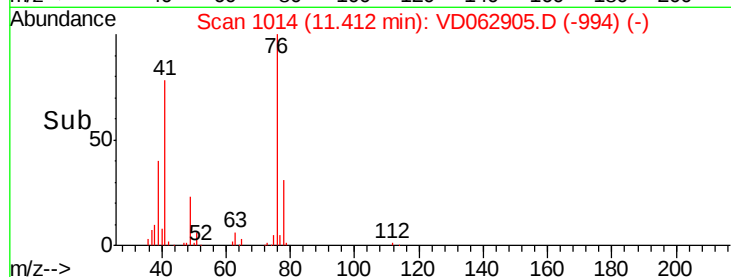
100000

50000

0

Time-->

11.30 11.40 11.50



#58

2-Chloroethyl Vinyl ether

Concen: 319.499 ug/l

RT: 9.86 min Scan# 856

Delta R.T. -0.01 min

Lab File: VD062905.D

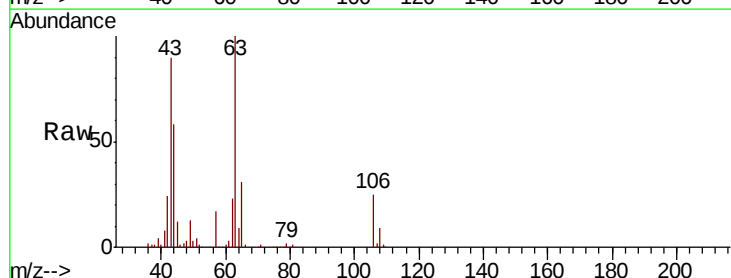
Acq: 26 Jun 2019 5:46

Tgt Ion: 63 Resp: 746026

Ion Ratio Lower Upper

63 100

106 25.4 22.1 33.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.86

400000

300000

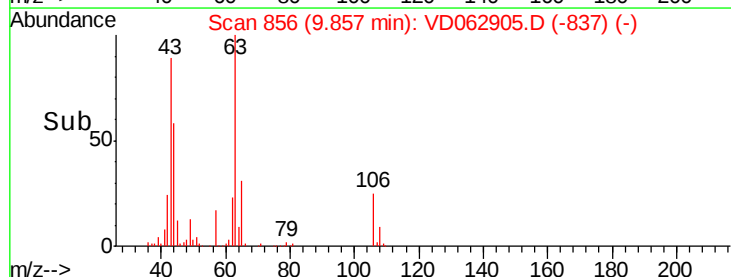
200000

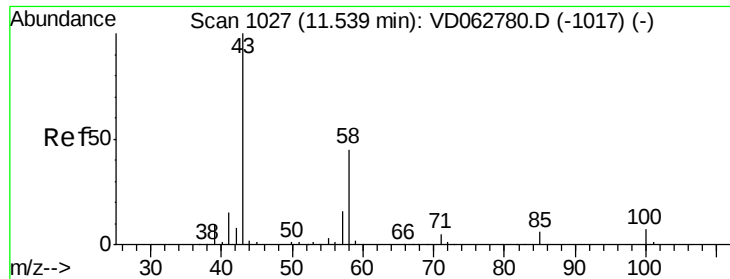
100000

0

Time-->

9.70 9.80 9.90 10.00

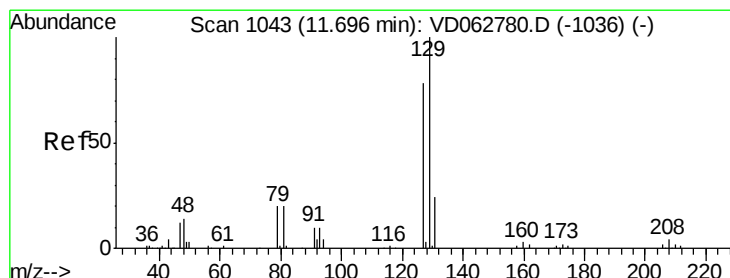
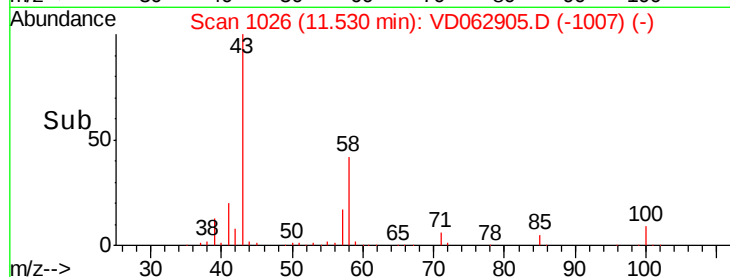
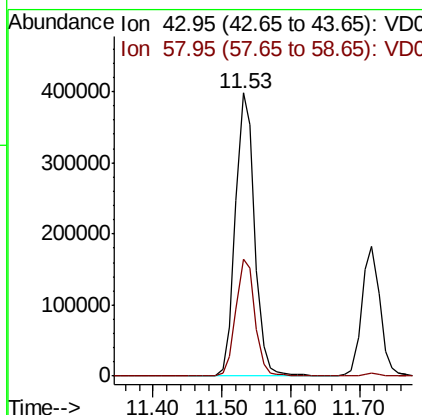
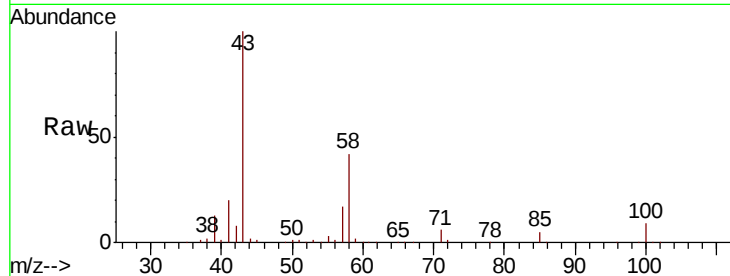




#59
2-Hexanone
Concen: 317.787 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

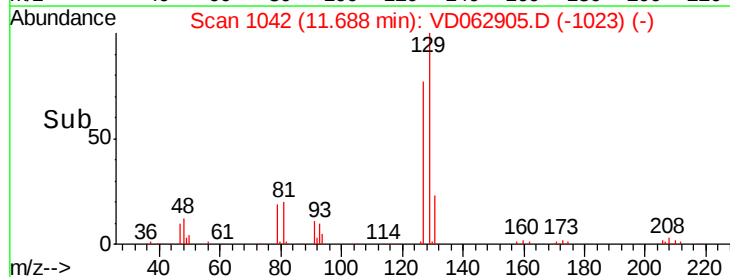
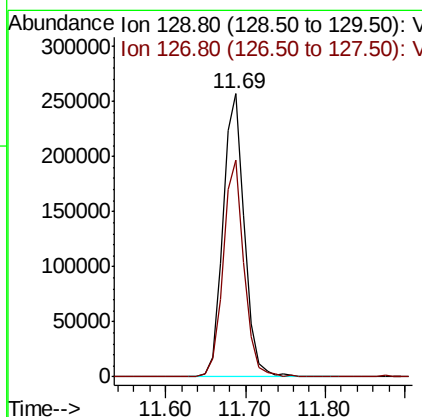
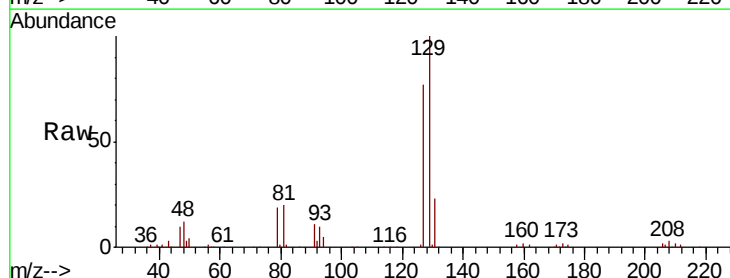
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

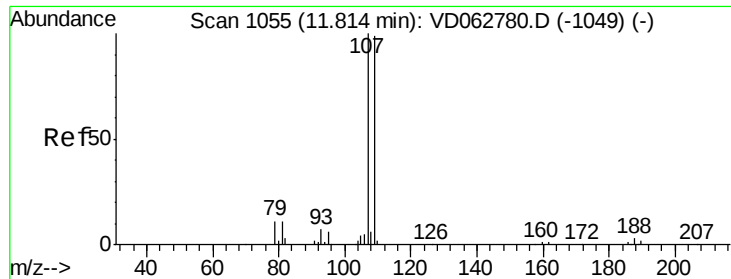
Tot Ion: 43 Resp: 772320
Ion Ratio Lower Upper
43 100
58 41.5 22.4 67.2



#60
Dibromochloromethane
Concen: 61.395 ug/l
RT: 11.69 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion: 129 Resp: 486691
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6

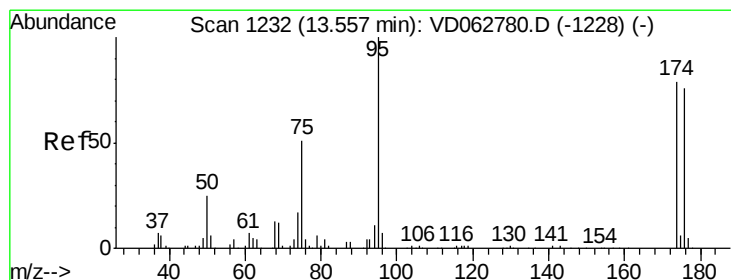
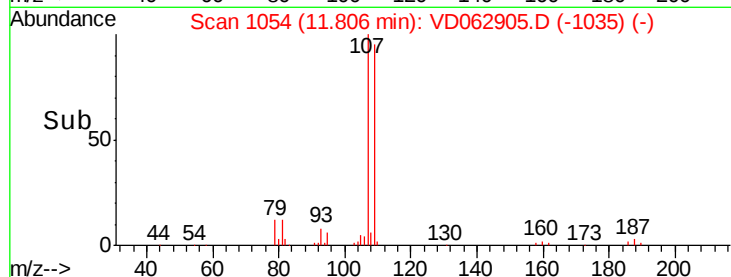
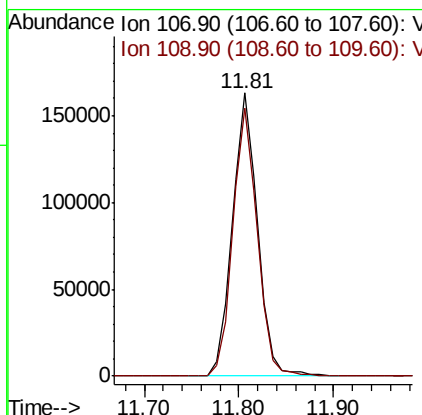
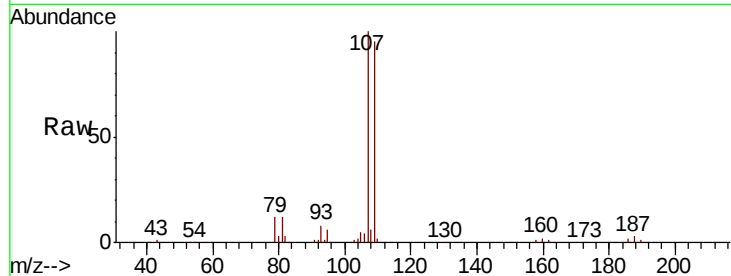




#61
 1,2-Dibromoethane
 Concen: 59.418 ug/l
 RT: 11.81 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

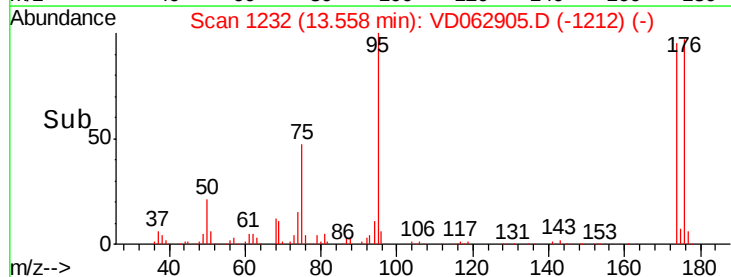
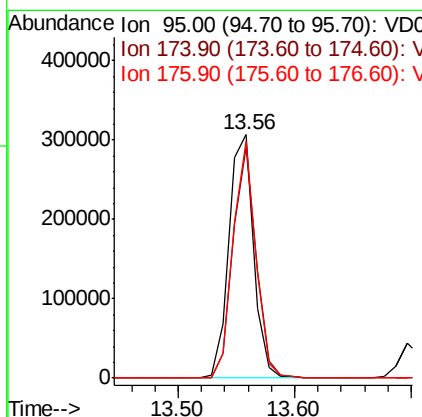
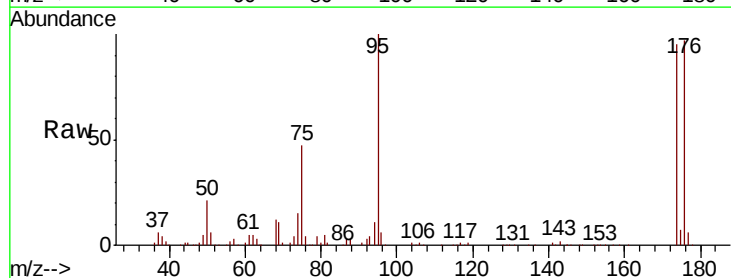
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

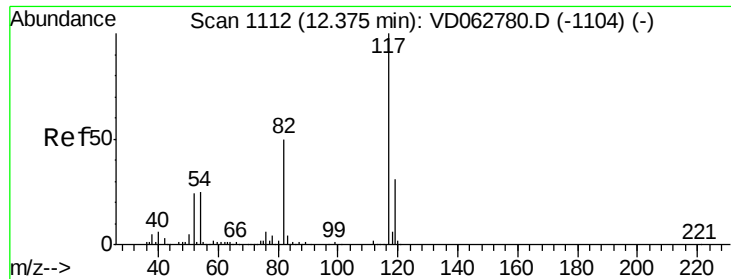
Tot Ion: 107 Resp: 298661
 Ion Ratio Lower Upper
 107 100
 109 94.6 79.3 118.9



#62
 4-Bromofluorobenzene
 Concen: 55.811 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Tgt Ion: 95 Resp: 451668
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 158.0
 176 97.2 0.0 151.6

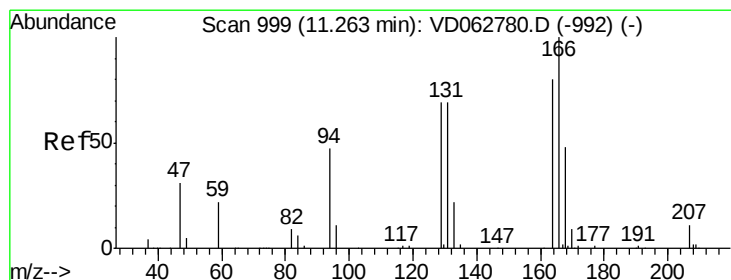
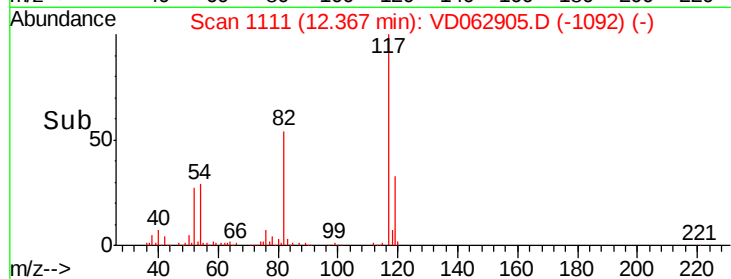
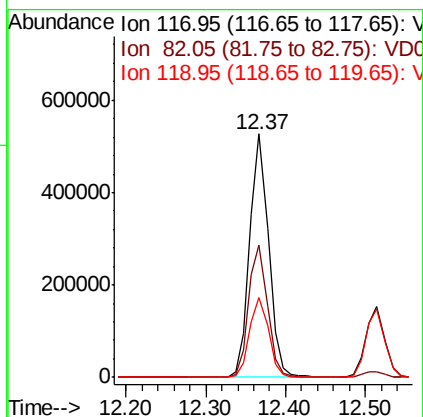
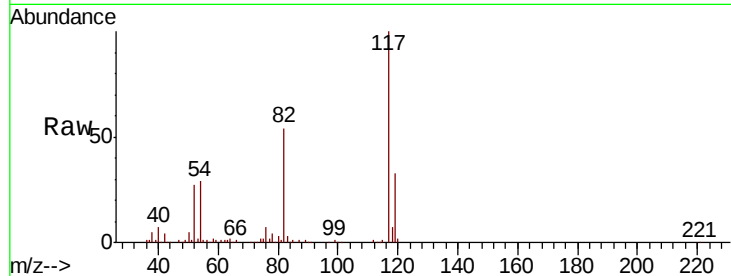




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

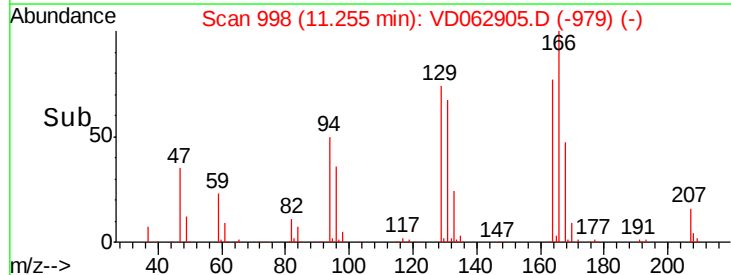
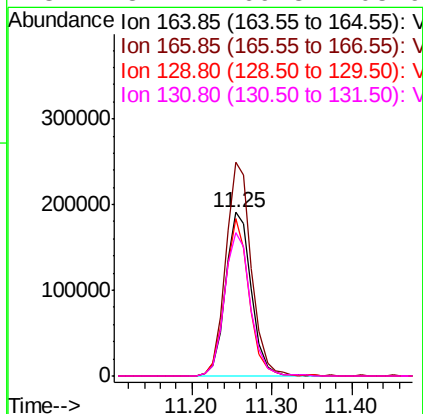
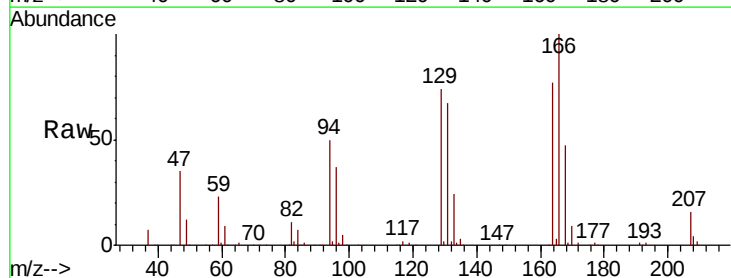
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

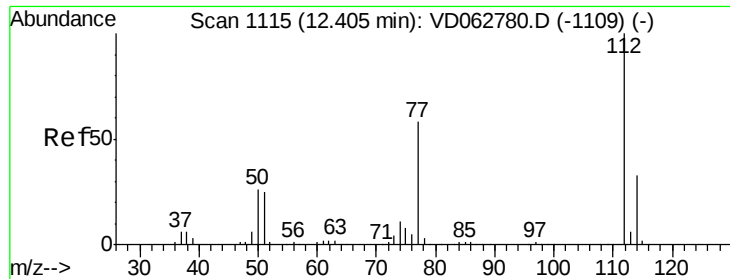
Tot Ion:117 Resp: 853098
Ion Ratio Lower Upper
117 100
82 54.4 40.4 60.6
119 32.7 25.2 37.8



#64
Tetrachloroethene
Concen: 61.553 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion:164 Resp: 432179
Ion Ratio Lower Upper
164 100
166 130.5 100.6 150.8
129 96.2 69.4 104.0
131 87.7 69.3 103.9

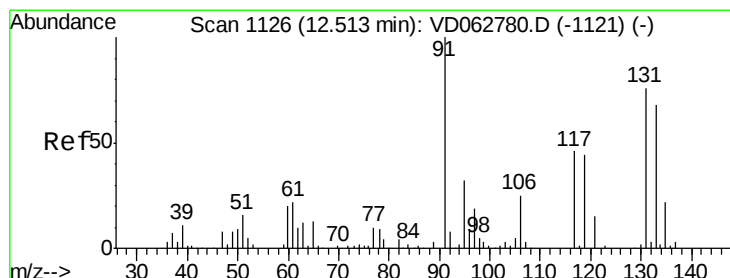
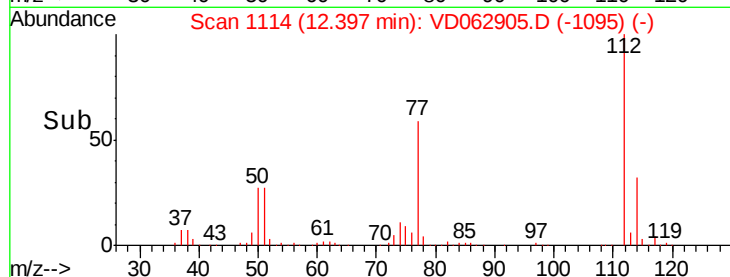
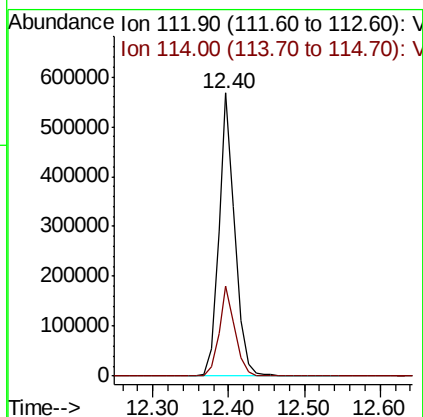
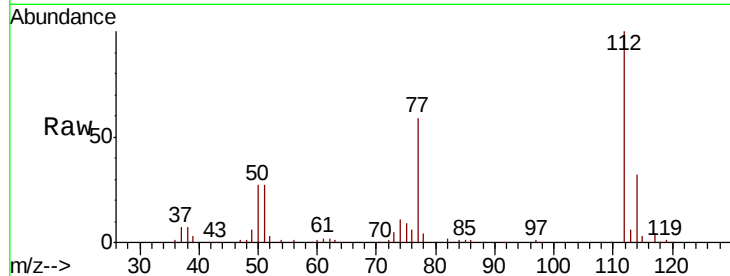




#65
Chlorobenzene
Concen: 52.703 ug/l
RT: 12.40 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

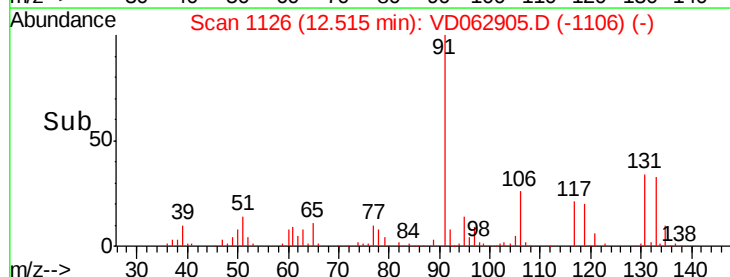
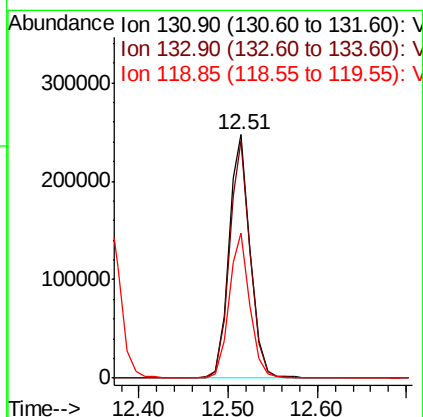
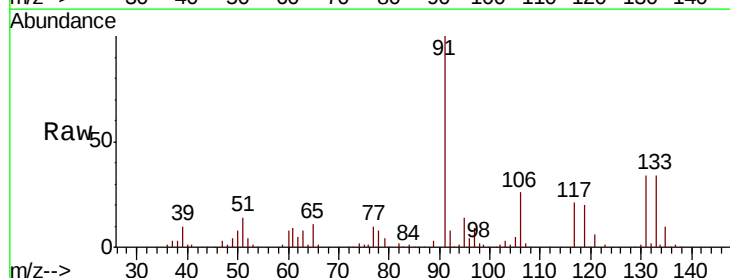
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 834422
Ion Ratio Lower Upper
112 100
114 31.8 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 56.043 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion:131 Resp: 414956
Ion Ratio Lower Upper
131 100
133 97.5 44.5 133.3
119 59.3 28.6 85.9

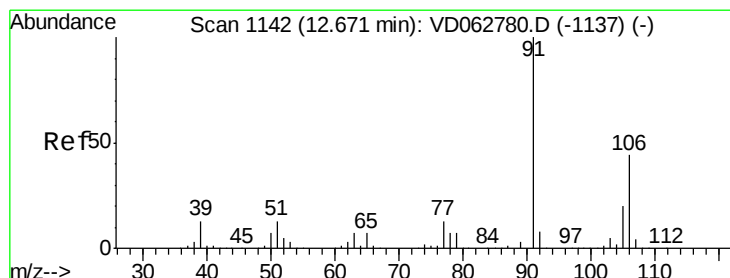
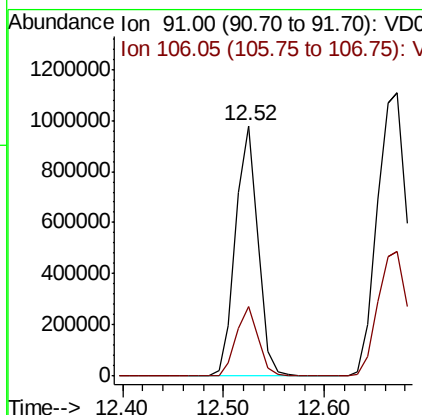
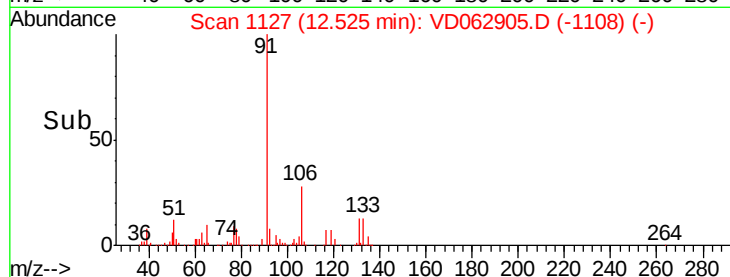
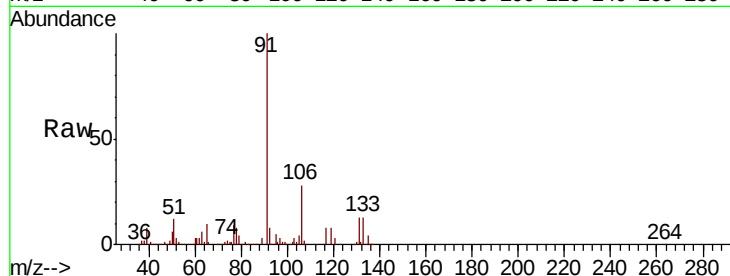




#67
Ethyl Benzene
Concen: 52.906 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

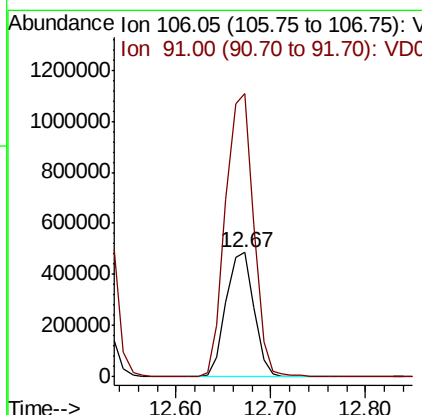
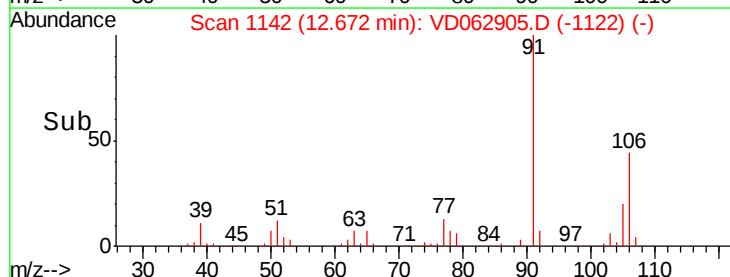
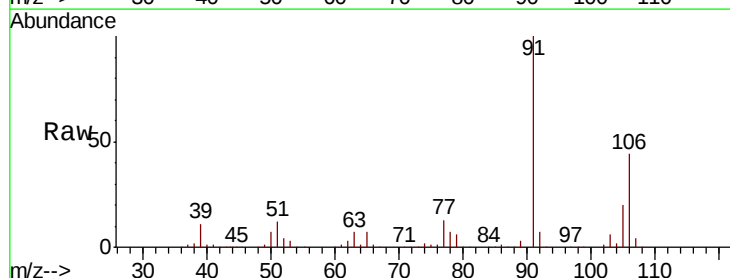
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1503891
Ion Ratio Lower Upper
91 100
106 28.0 23.1 34.7



#68
m/p-Xylenes
Concen: 101.033 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion: 106 Resp: 1000266
Ion Ratio Lower Upper
106 100
91 228.2 183.0 274.6

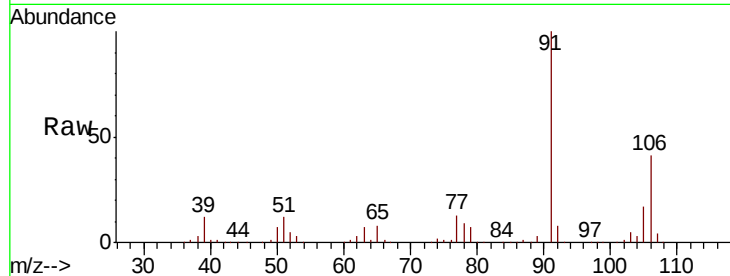




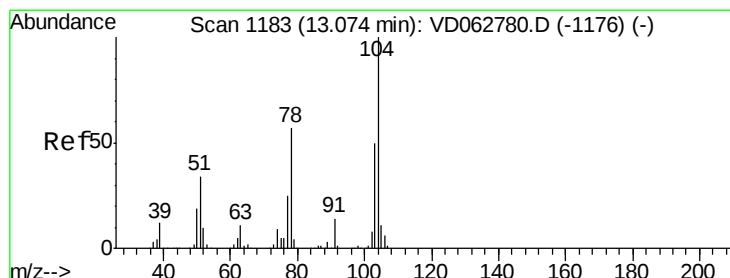
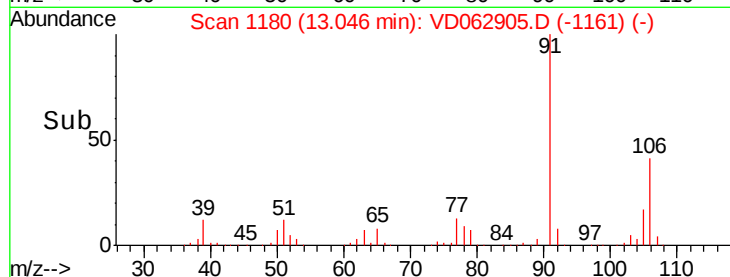
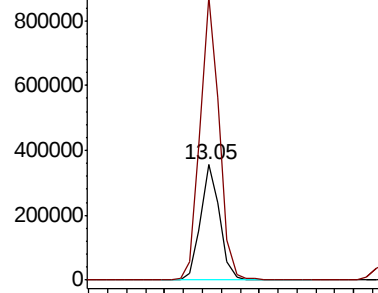
#69
o-Xylene
Concen: 54.749 ug/l
RT: 13.05 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 495505
Ion Ratio Lower Upper
106 100
91 244.9 117.9 353.6

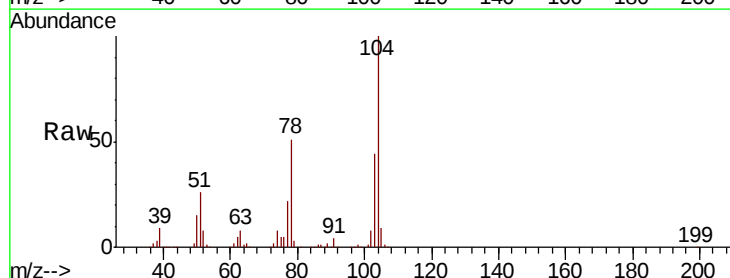


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

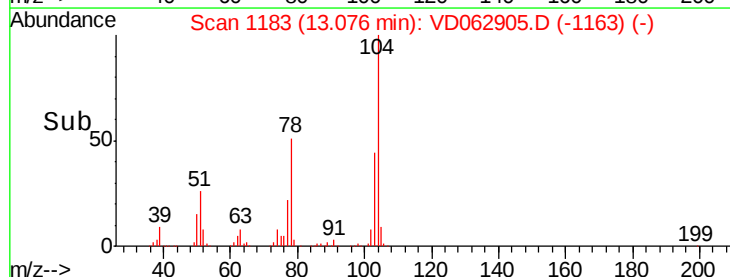
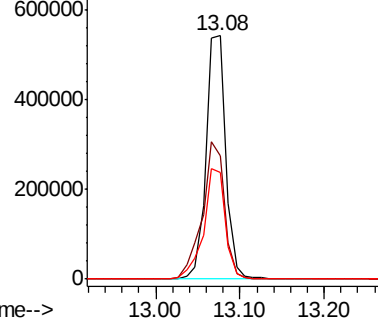


#70
Styrene
Concen: 55.332 ug/l
RT: 13.08 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion:104 Resp: 879603
Ion Ratio Lower Upper
104 100
78 50.9 45.4 68.2
103 43.8 39.7 59.5



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





#71

Bromoform

Concen: 58.604 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

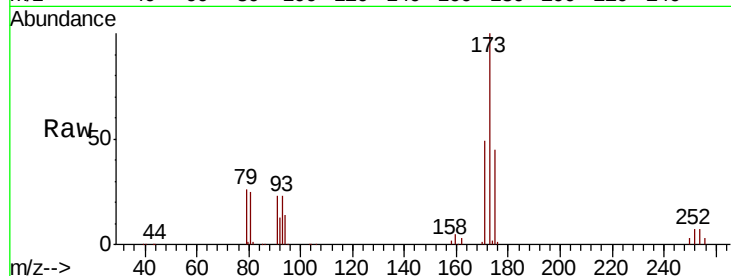
Tot Ion:173 Resp: 297296

Ion Ratio Lower Upper

173 100

175 45.4 25.3 75.9

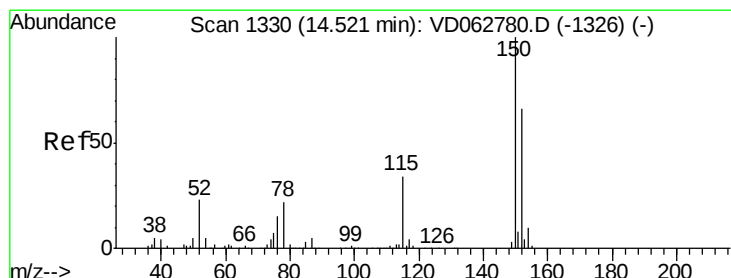
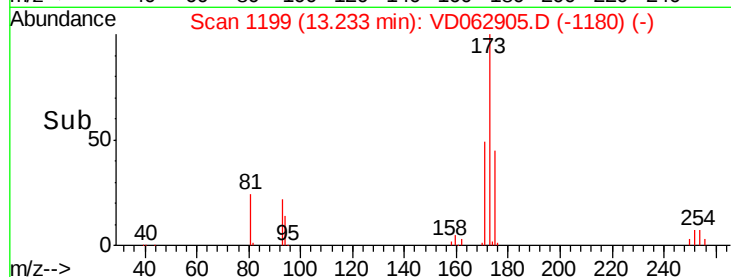
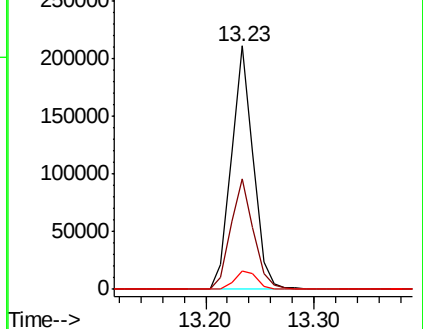
254 7.4 7.1 10.7



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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

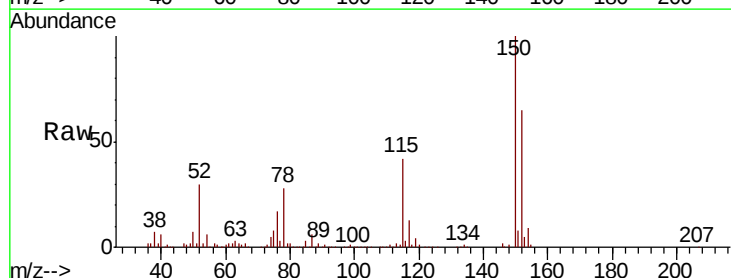
Tgt Ion:152 Resp: 482235

Ion Ratio Lower Upper

152 100

115 63.6 29.2 87.6

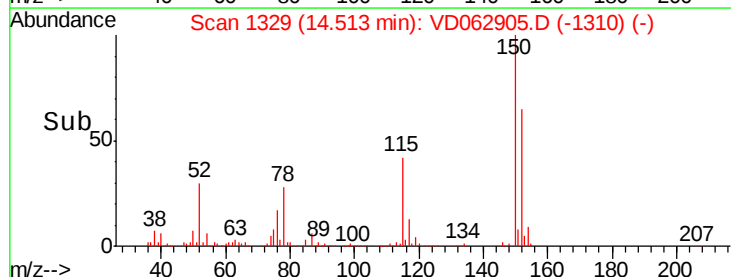
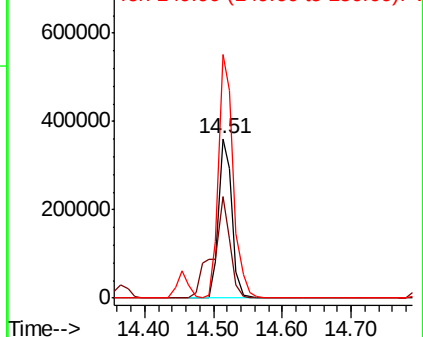
150 152.9 0.0 305.8



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: 47.089 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

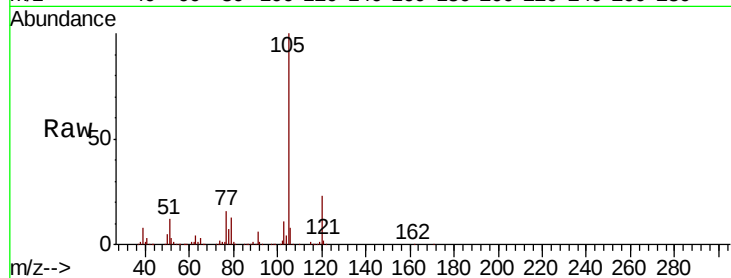
VSTDCCC050EC

Tot Ion:105 Resp: 1455978

Ion Ratio Lower Upper

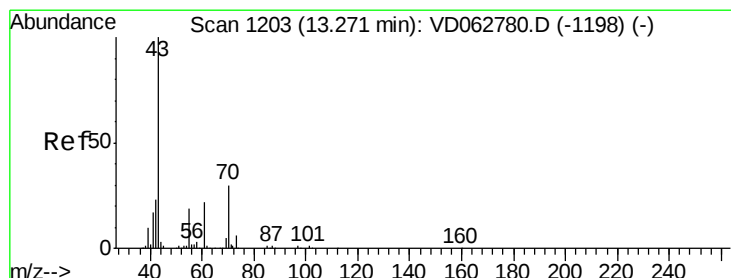
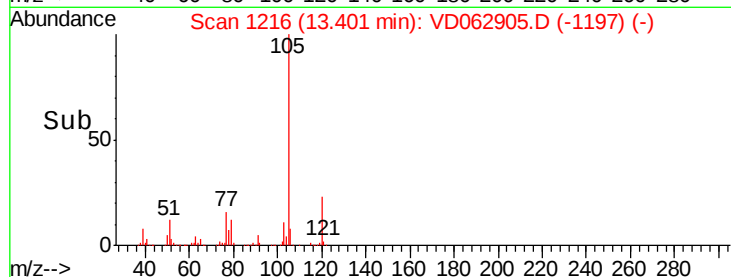
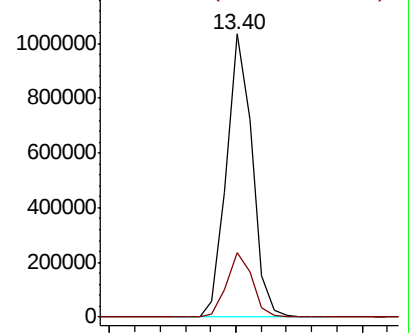
105 100

120 22.9 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: 51.381 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Tgt Ion: 43 Resp: 385810

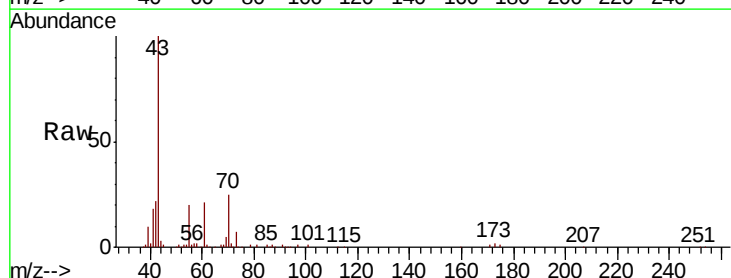
Ion Ratio Lower Upper

43 100

70 25.4 24.4 36.6

55 19.7 15.2 22.8

61 21.1 17.4 26.2

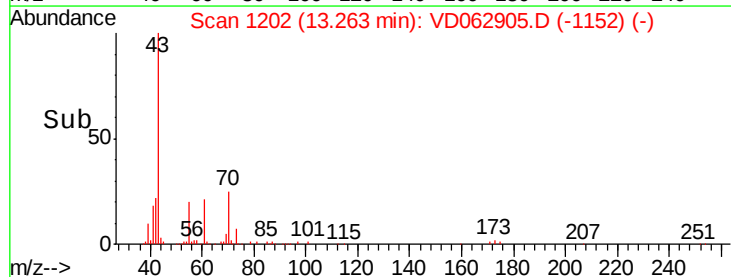
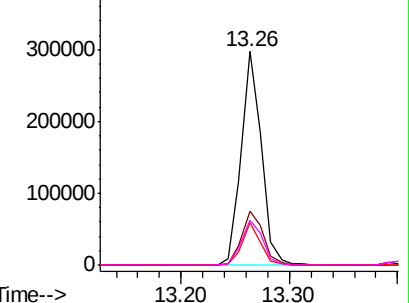


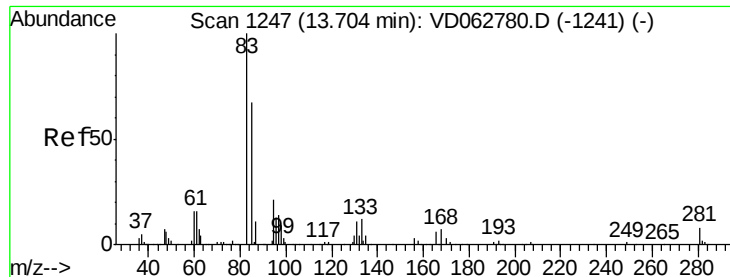
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.872 ug/l

RT: 13.70 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

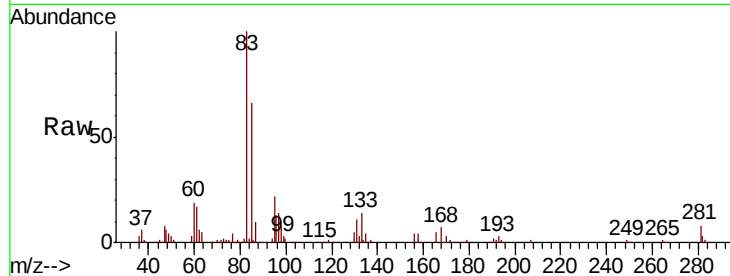
Tot Ion: 83 Resp: 276442

Ion Ratio Lower Upper

83 100

131 11.4 5.3 16.1

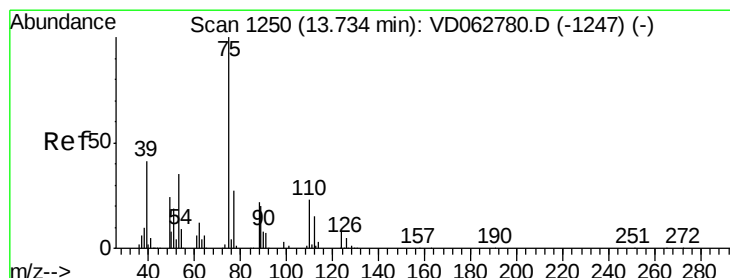
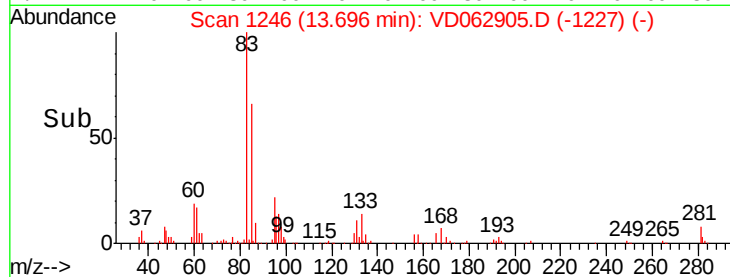
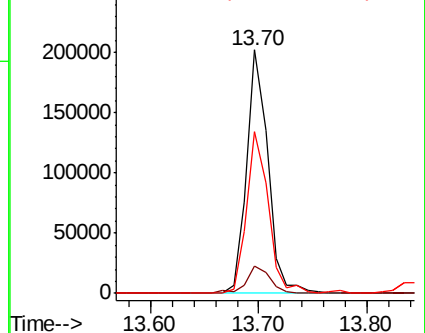
85 66.2 33.7 101.1



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: 56.396 ug/l

RT: 13.74 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD062905.D

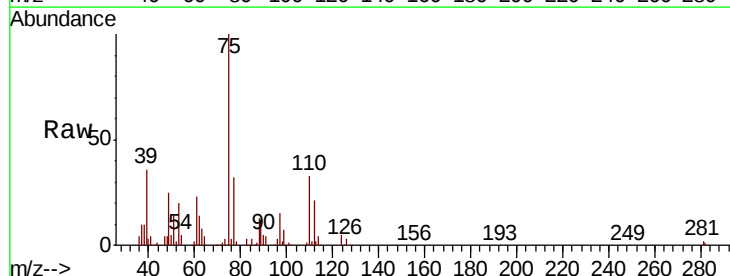
Acq: 26 Jun 2019 5:46

Tgt Ion: 75 Resp: 313962

Ion Ratio Lower Upper

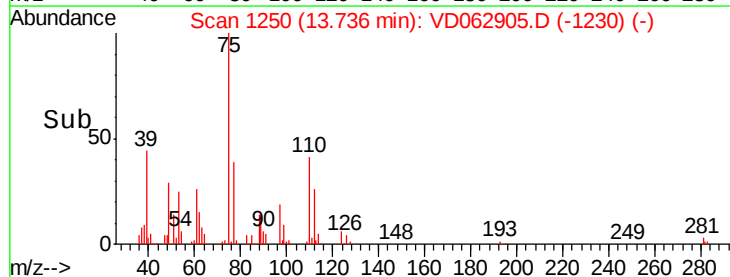
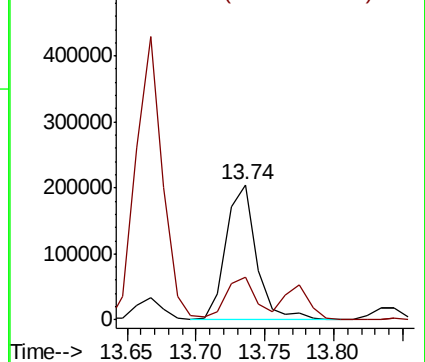
75 100

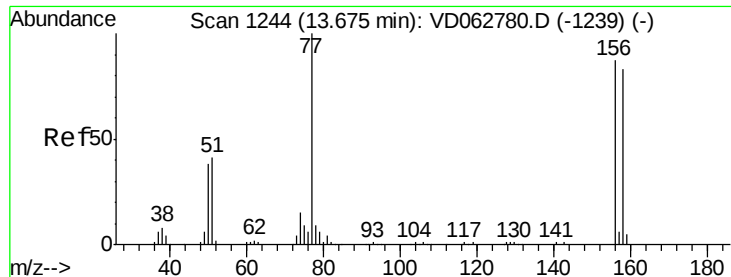
77 31.7 15.0 45.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 53.655 ug/l

RT: 13.67 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

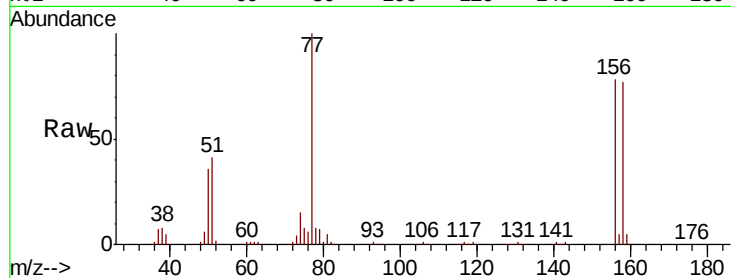
Tot Ion:156 Resp: 446224

Ion Ratio Lower Upper

156 100

77 128.0 57.7 173.1

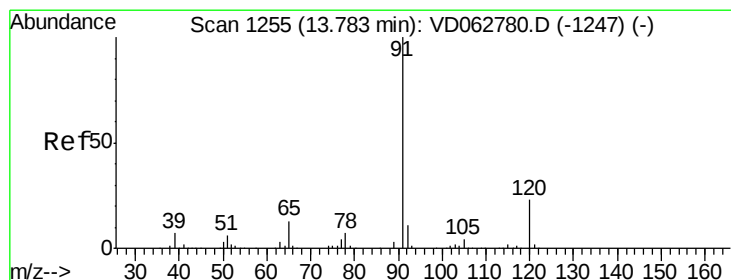
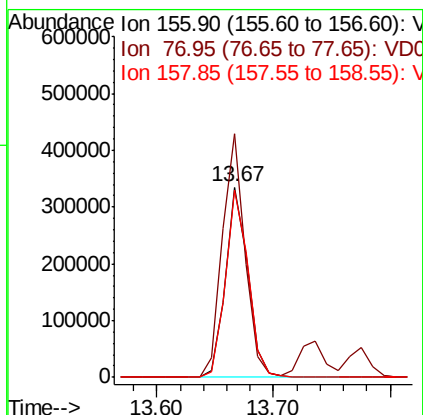
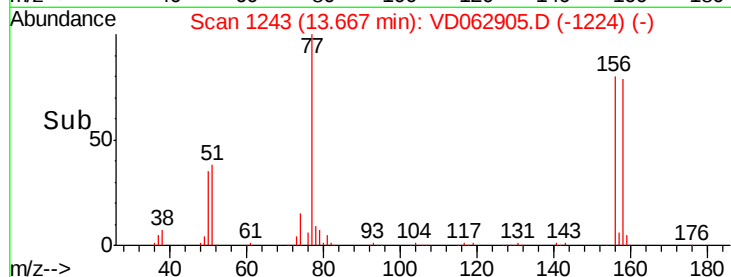
158 98.5 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 45.411 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD062905.D

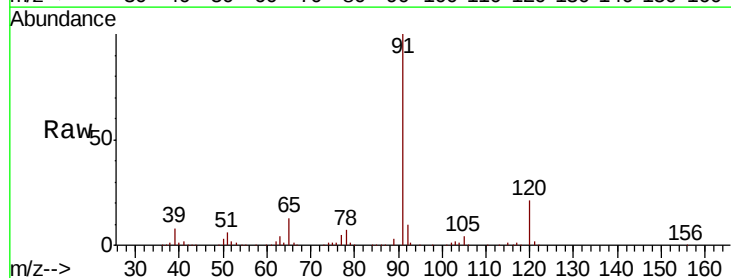
Acq: 26 Jun 2019 5:46

Tgt Ion: 91 Resp: 1634266

Ion Ratio Lower Upper

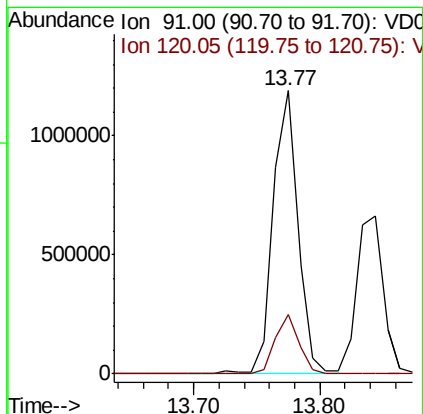
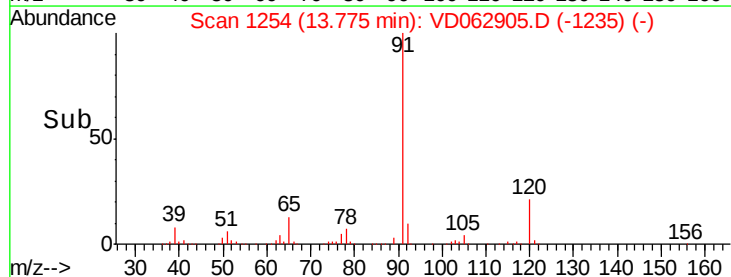
91 100

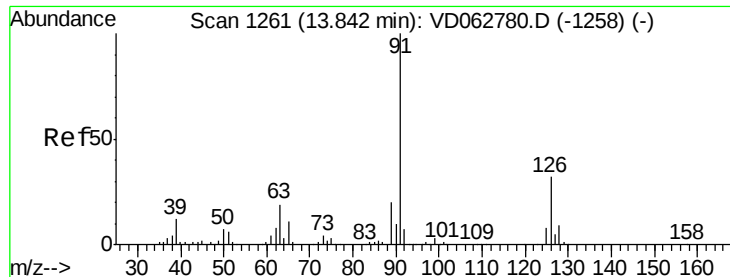
120 21.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

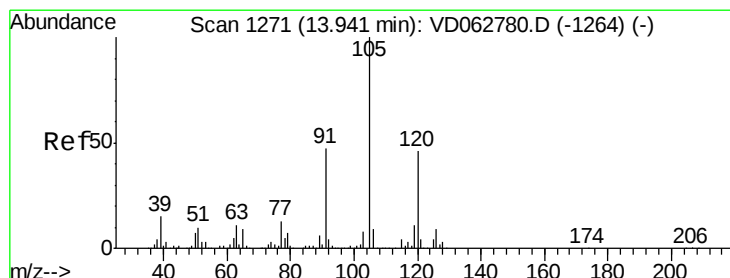
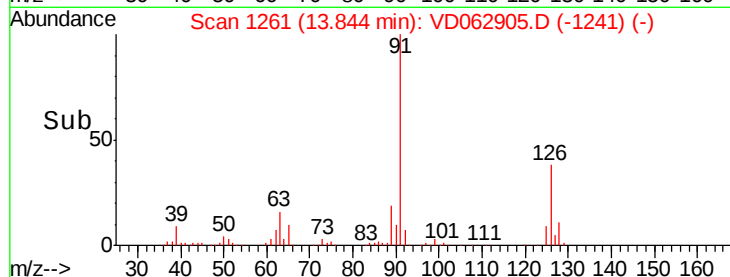
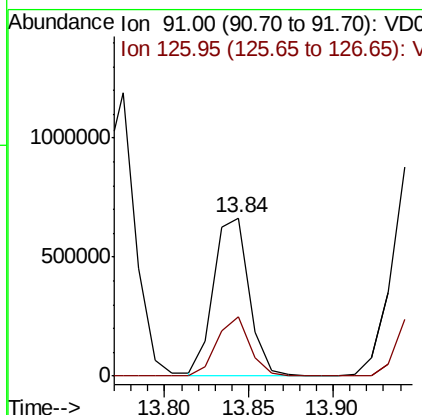
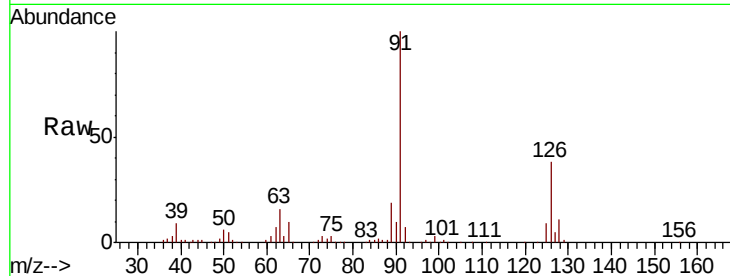




#79
 2-Chlorotoluene
 Concen: 47.593 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

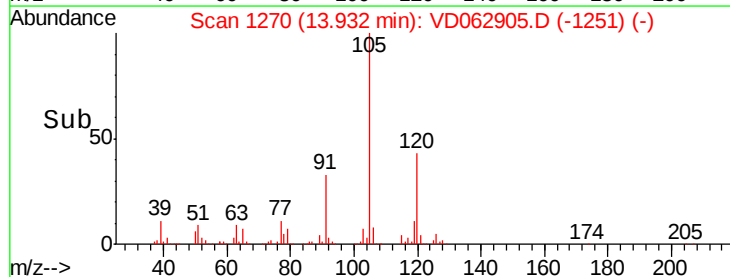
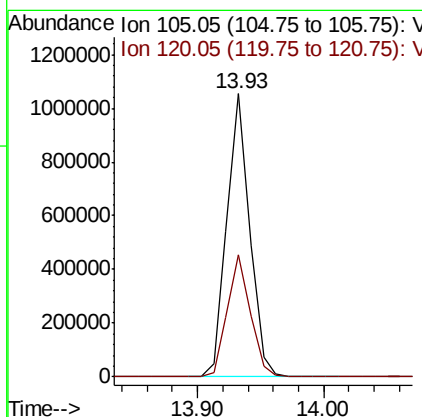
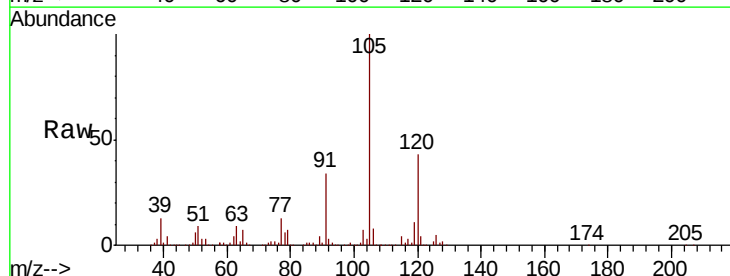
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 978817
 Ion Ratio Lower Upper
 91 100
 126 37.7 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.586 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Tgt Ion: 105 Resp: 1313805
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.1 69.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.525 ug/l

RT: 13.47 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

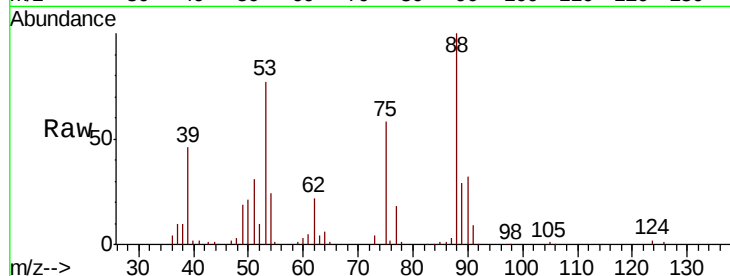
Tot Ion: 75 Resp: 73718

Ion Ratio Lower Upper

75 100

53 133.5 97.8 146.8

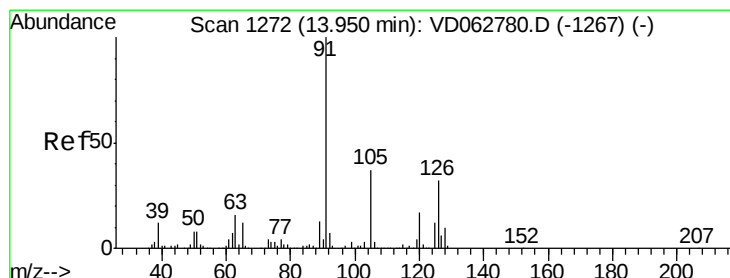
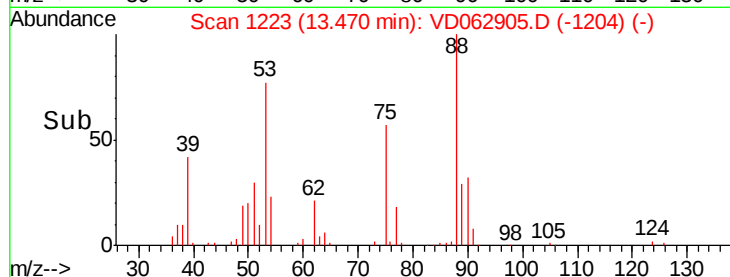
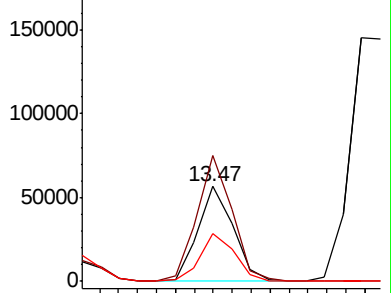
89 50.3 39.4 59.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 51.692 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD062905.D

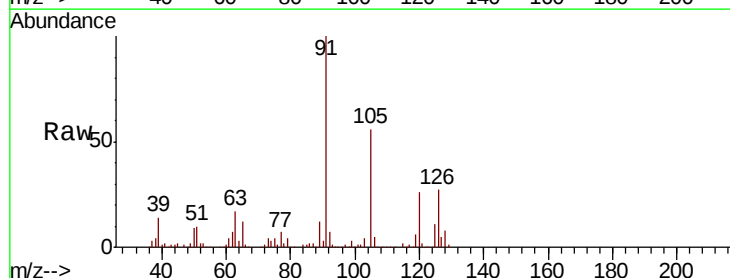
Acq: 26 Jun 2019 5:46

Tgt Ion: 91 Resp: 1279907

Ion Ratio Lower Upper

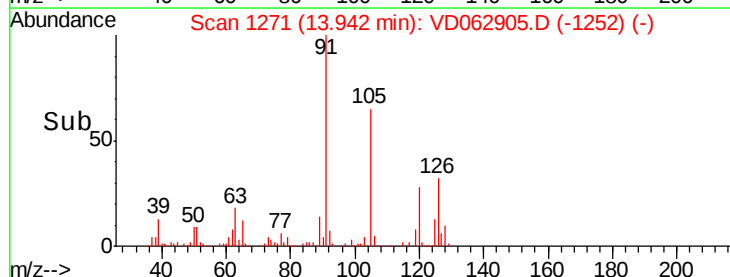
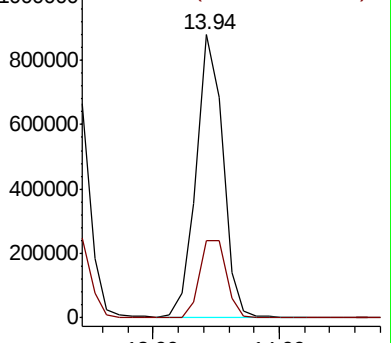
91 100

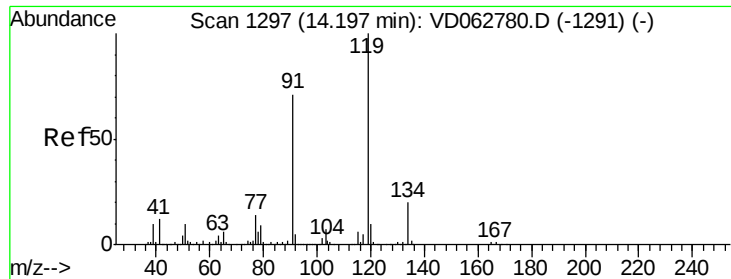
126 27.1 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

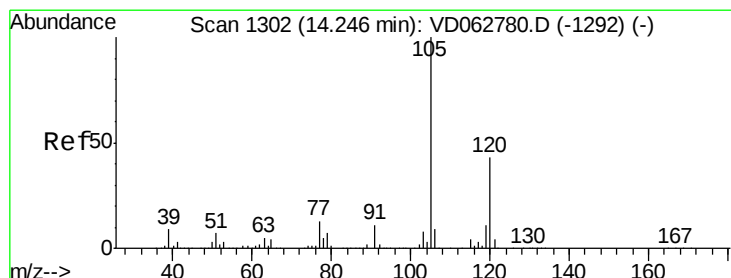
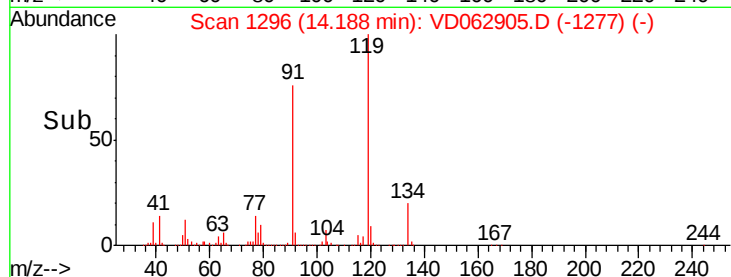
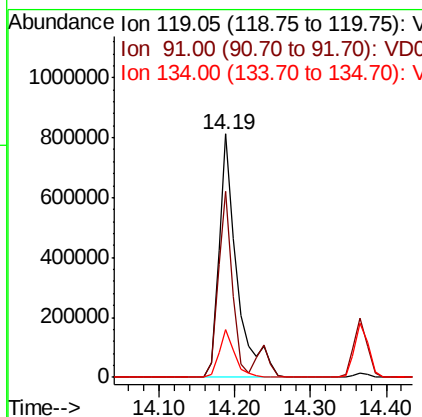
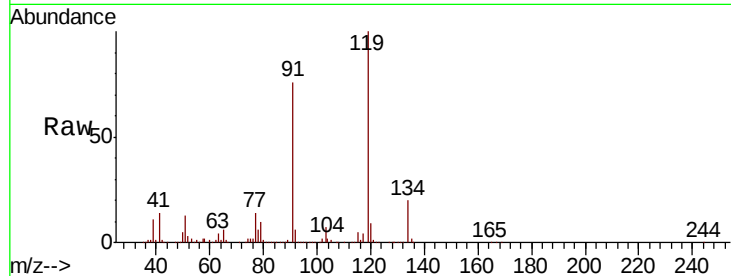




#83
 tert-Butylbenzene
 Concen: 46.773 ug/l
 RT: 14.19 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

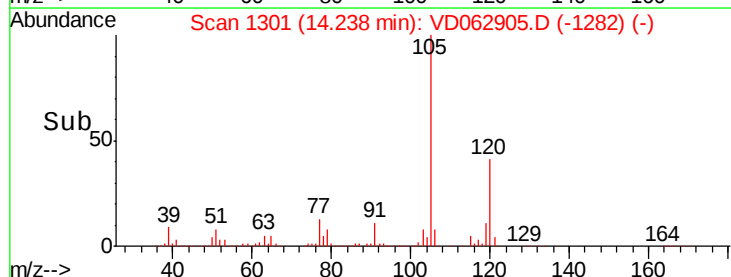
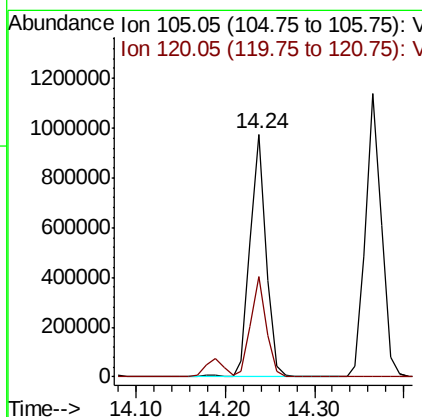
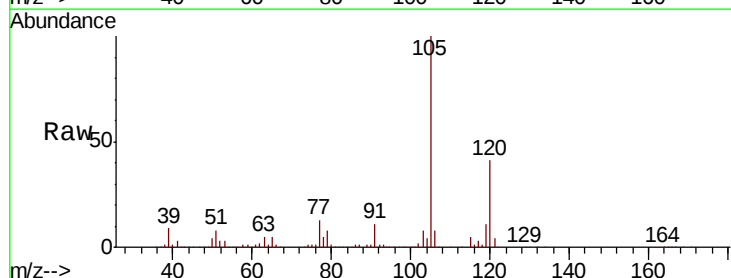
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

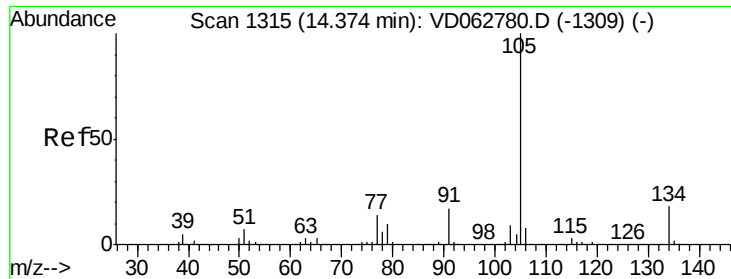
Tot Ion:119 Resp: 1354049
 Ion Ratio Lower Upper
 119 100
 91 76.4 35.5 106.5
 134 19.8 10.2 30.6



#84
 1,2,4-Trimethylbenzene
 Concen: 45.409 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Tgt Ion:105 Resp: 1208772
 Ion Ratio Lower Upper
 105 100
 120 41.3 21.3 63.9





#85

sec-Butylbenzene

Concen: 44.491 ug/l

RT: 14.37 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

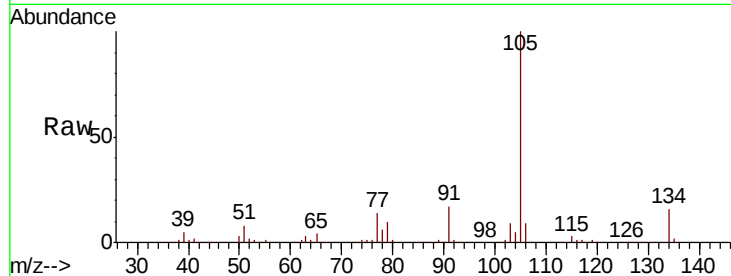
VSTDCCC050EC

Tot Ion:105 Resp: 1399860

Ion Ratio Lower Upper

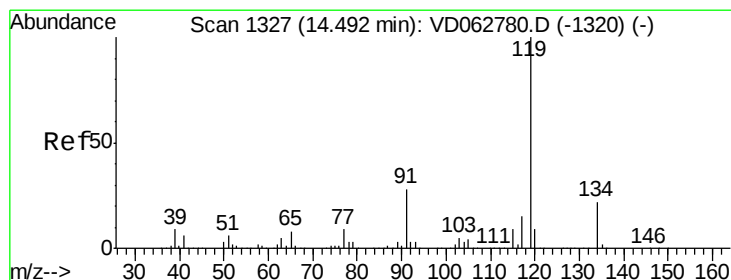
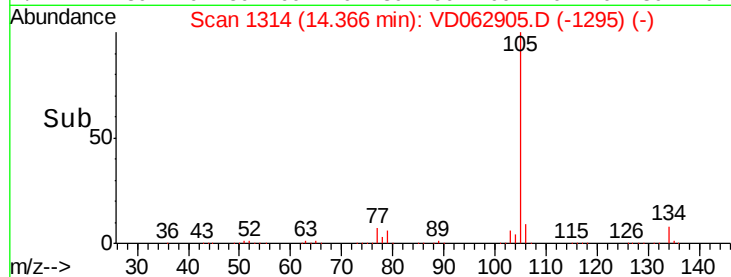
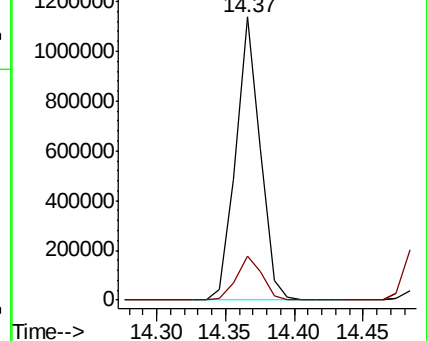
105 100

134 15.7 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: 49.249 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

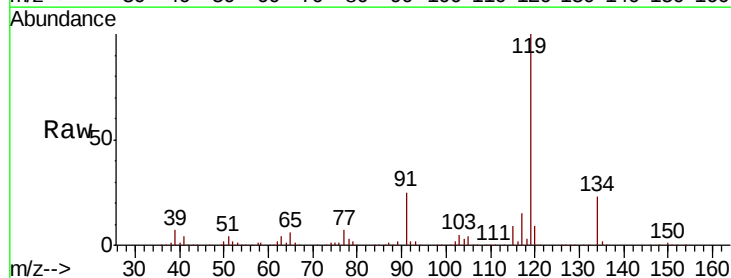
Tgt Ion:119 Resp: 1417624

Ion Ratio Lower Upper

119 100

134 23.0 11.1 33.1

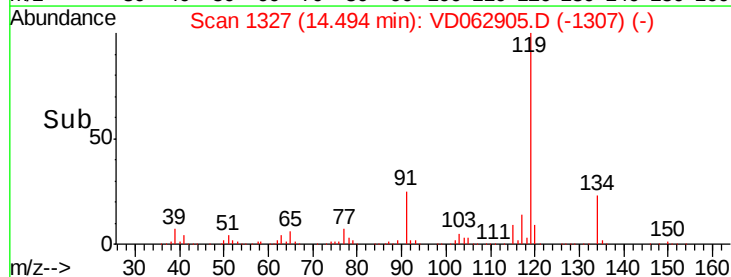
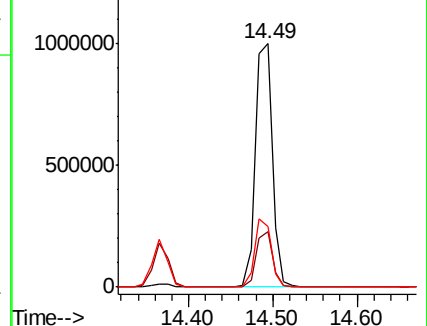
91 24.9 14.0 41.9



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

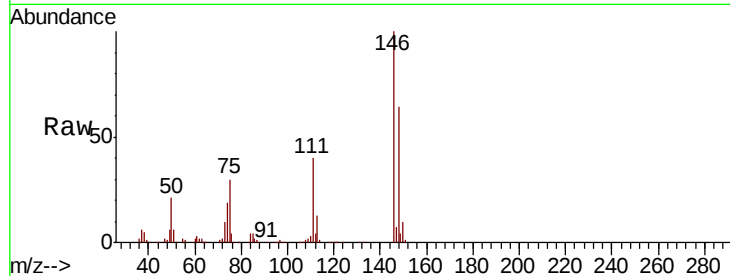




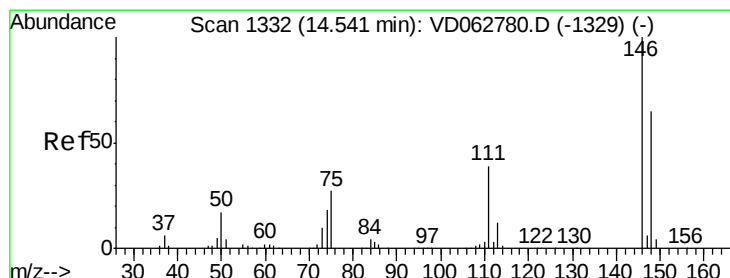
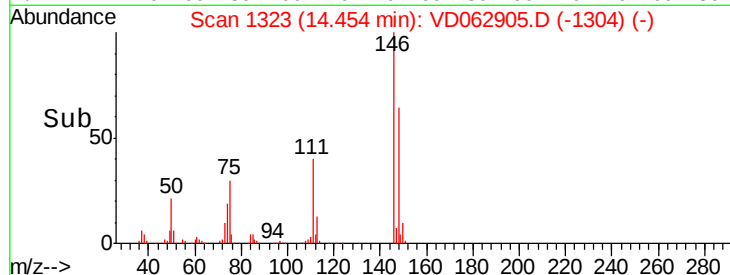
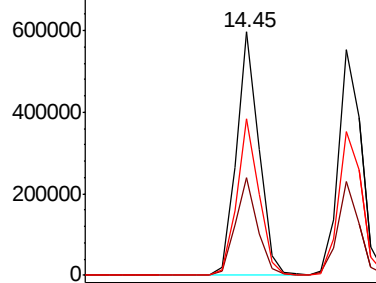
#87
 1,3-Dichlorobenzene
 Concen: 49.420 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.0	57.0
148	64.1	30.8	92.3

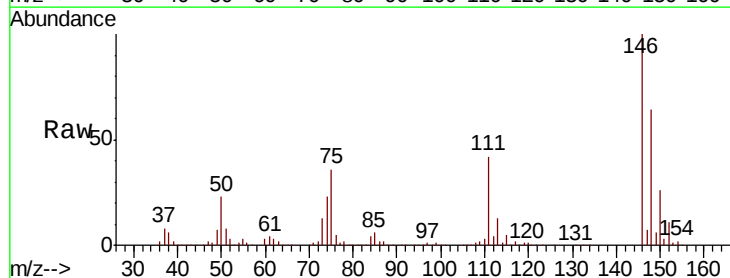


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

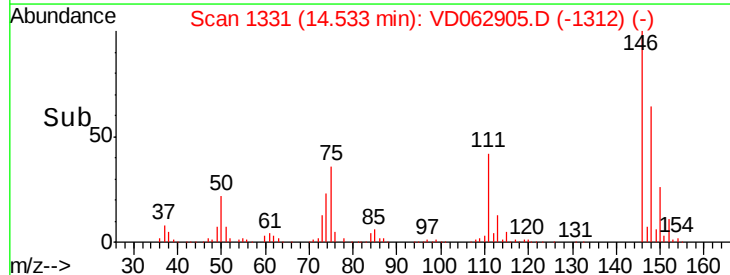
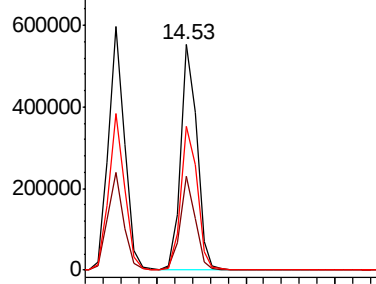


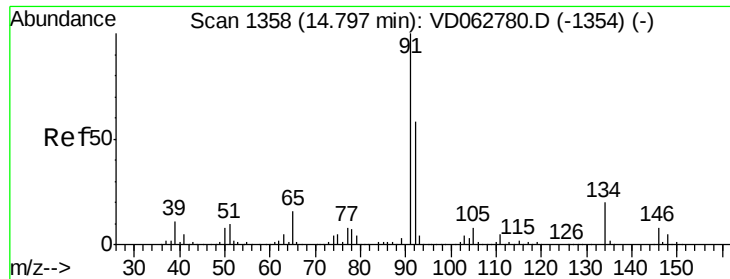
#88
 1,4-Dichlorobenzene
 Concen: 46.636 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.7	59.1
148	63.9	32.8	98.3



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





#89

n-Butylbenzene

Concen: 45.792 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

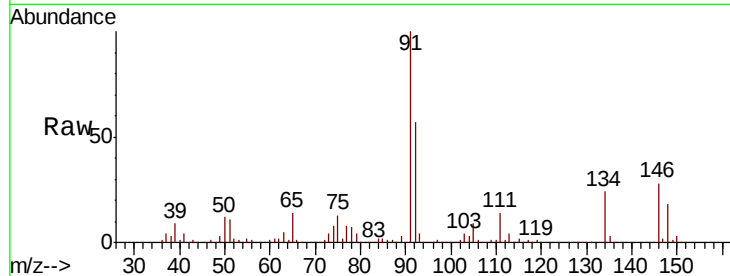
Tot Ion: 91 Resp: 1233704

Ion Ratio Lower Upper

91 100

92 56.7 28.9 86.7

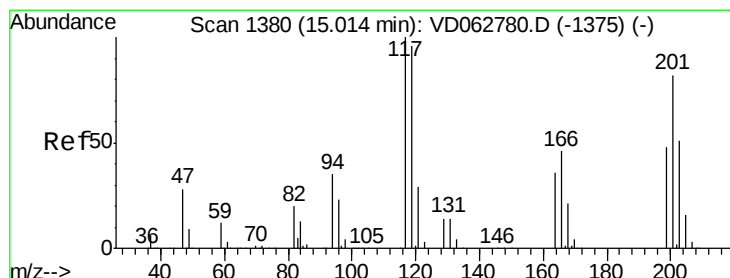
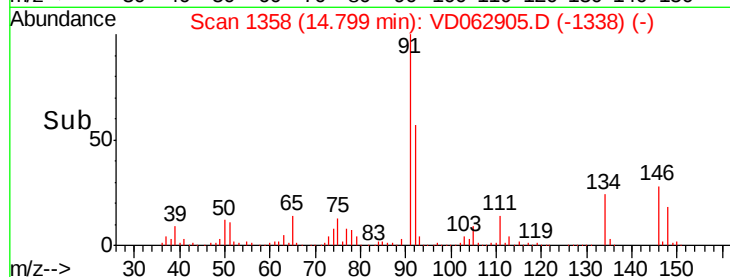
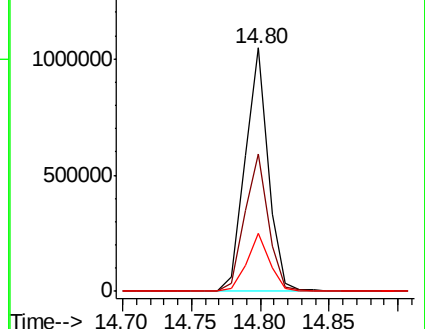
134 23.7 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 49.001 ug/l

RT: 15.01 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD062905.D

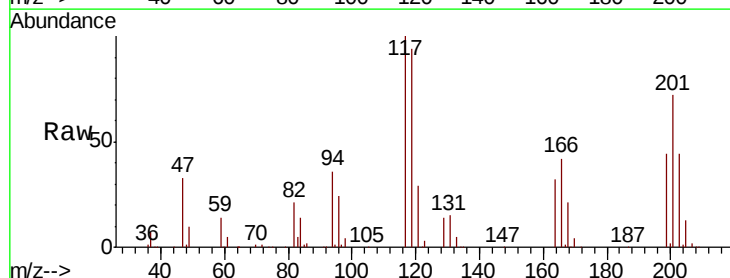
Acq: 26 Jun 2019 5:46

Tgt Ion: 117 Resp: 379234

Ion Ratio Lower Upper

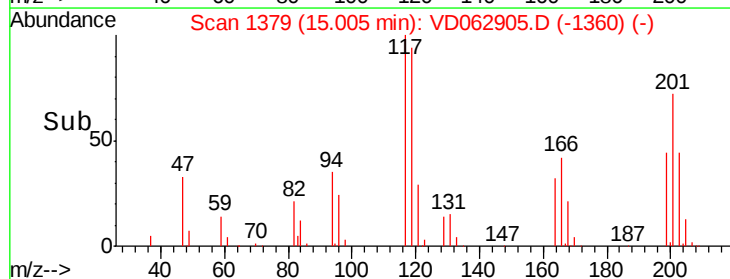
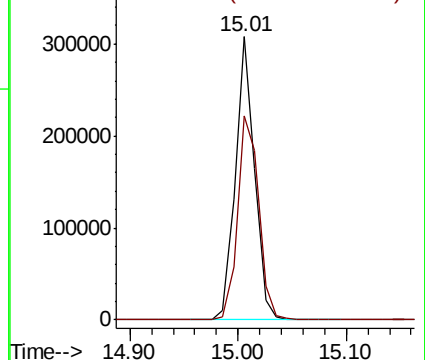
117 100

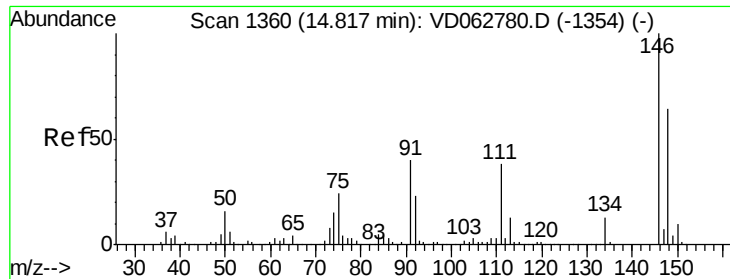
201 72.3 40.8 122.2



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#91

1,2-Dichlorobenzene

Concen: 53.797 ug/l

RT: 14.81 min Scan# 1359

Delta R.T. -0.01 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

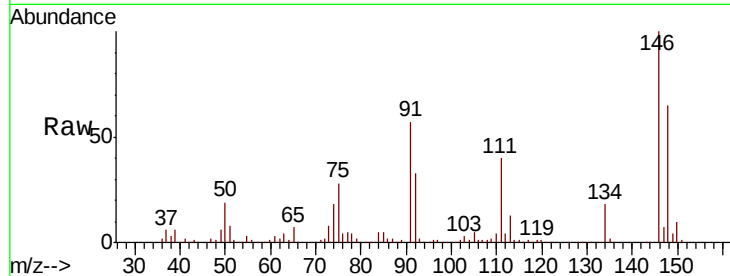
Tot Ion:146 Resp: 686180

Ion Ratio Lower Upper

146 100

111 39.9 19.1 57.1

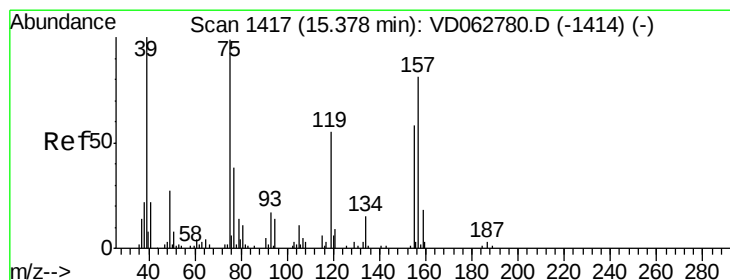
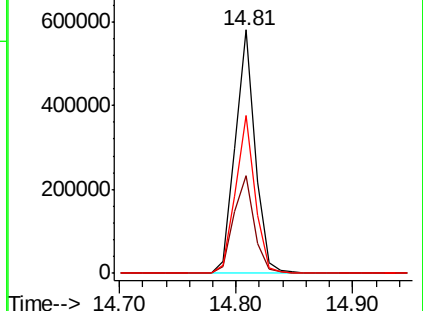
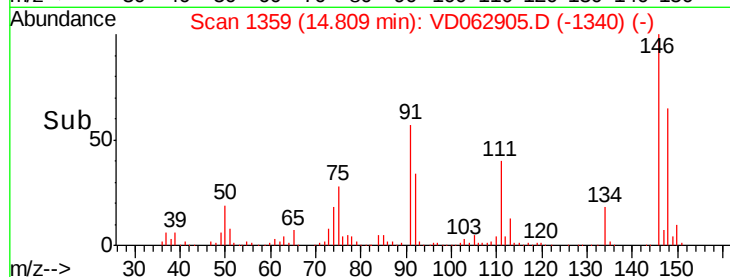
148 64.8 32.3 96.8



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: 59.369 ug/l

RT: 15.38 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VD062905.D

Acq: 26 Jun 2019 5:46

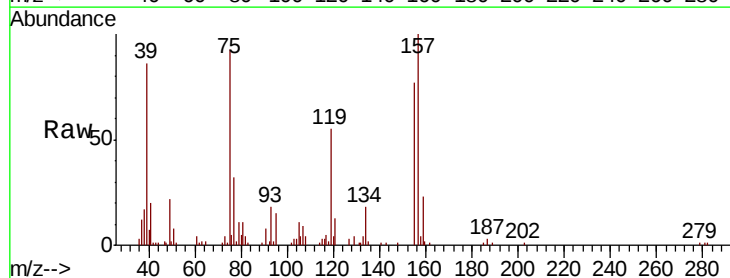
Tgt Ion: 75 Resp: 58378

Ion Ratio Lower Upper

75 100

155 83.4 29.3 87.8

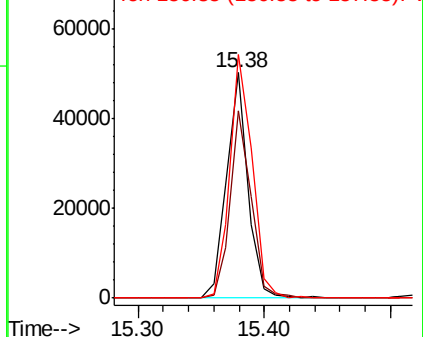
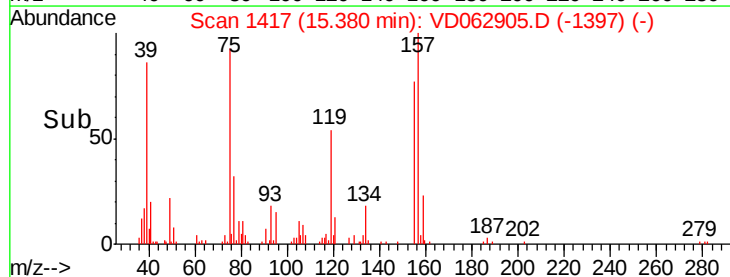
157 108.0 41.3 123.7

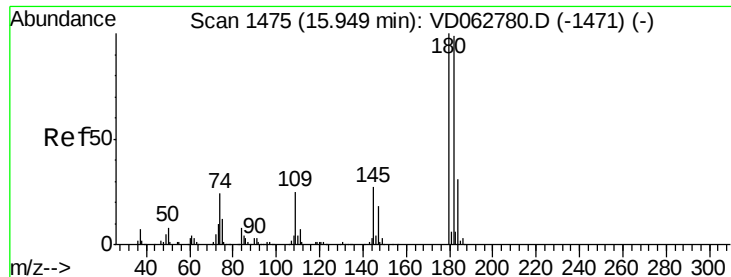


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

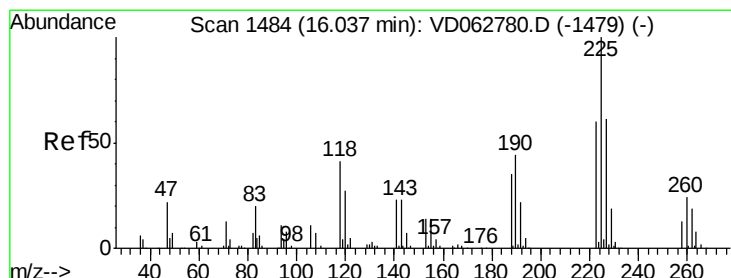
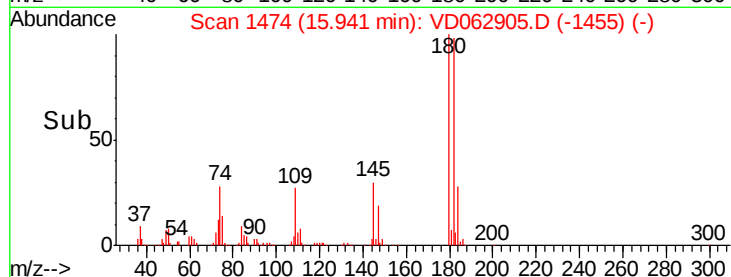
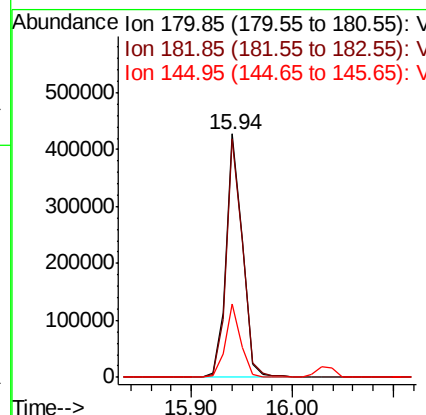
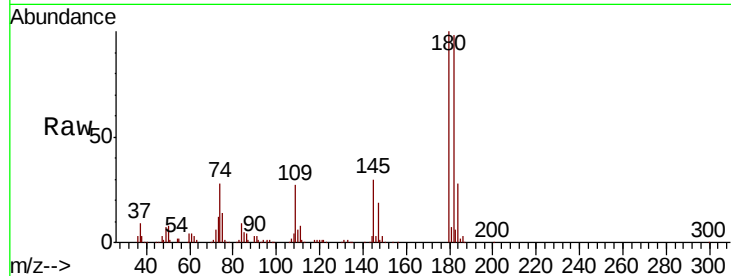




#93
 1,2,4-Trichlorobenzene
 Concen: 49.366 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

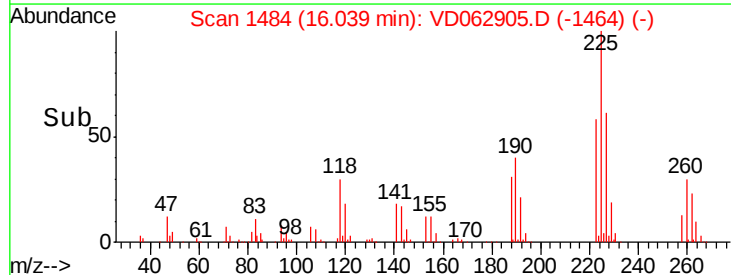
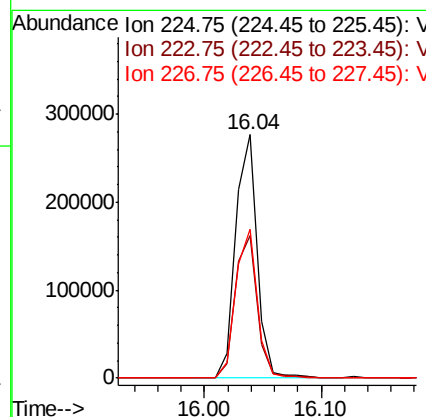
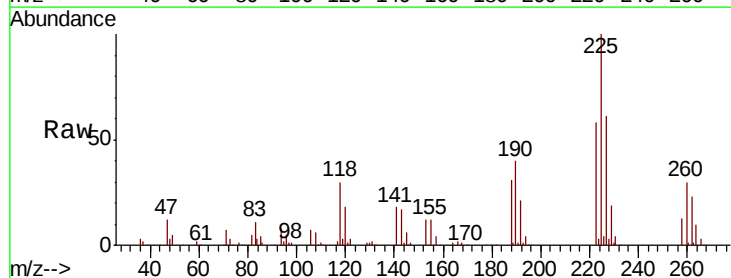
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

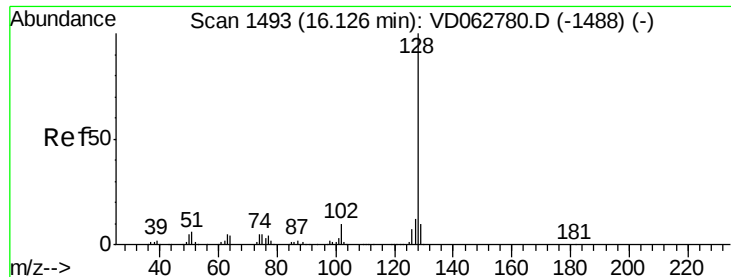
Tot Ion:180 Resp: 491868
 Ion Ratio Lower Upper
 180 100
 182 97.9 49.5 148.5
 145 30.4 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 46.628 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VD062905.D
 Acq: 26 Jun 2019 5:46

Tgt Ion:225 Resp: 354926
 Ion Ratio Lower Upper
 225 100
 223 58.3 29.8 89.5
 227 61.2 30.6 91.6

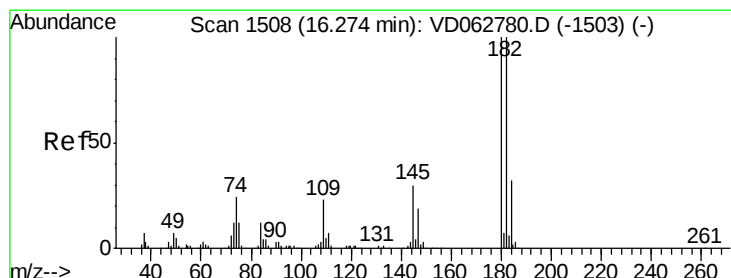
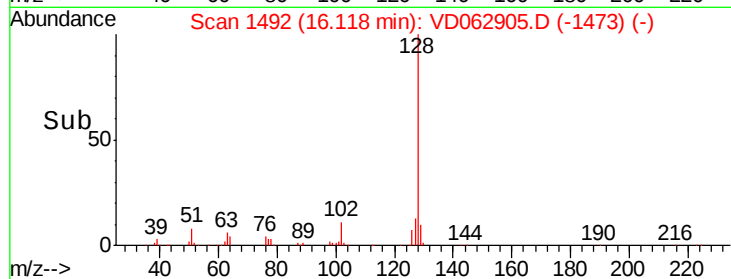
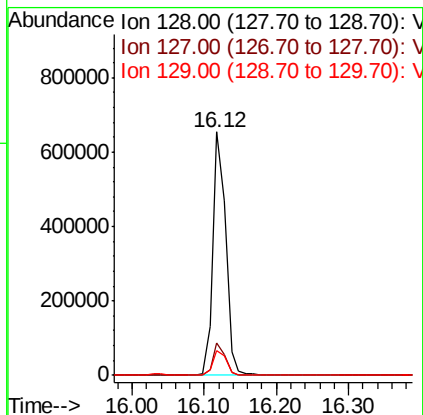
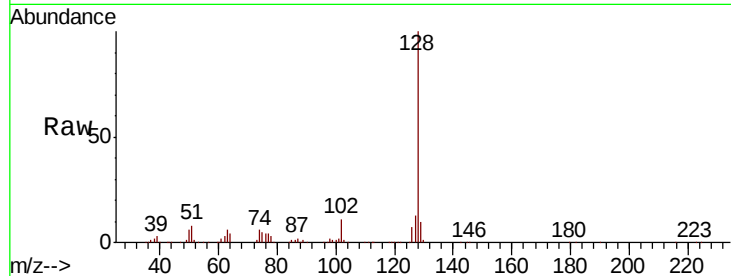




#95
Naphthalene
Concen: 57.635 ug/l
RT: 16.12 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 804879
Ion Ratio Lower Upper
128 100
127 13.1 9.7 14.5
129 10.1 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 50.843 ug/l
RT: 16.27 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VD062905.D
Acq: 26 Jun 2019 5:46

Tgt Ion:180 Resp: 389228
Ion Ratio Lower Upper
180 100
182 94.8 49.9 149.6
145 29.4 15.2 45.5

