

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062339.D
 Acq On : 14 May 2019 11:14
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 14 12:09:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	683663	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	921145	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	790618	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	421448	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	348118	54.79	ug/l	0.04
Spiked Amount	50.000		Recovery	=	109.58%	
35) Dibromofluoromethane	6.94	113	394897	51.67	ug/l	0.05
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.42	98	883151	47.93	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	13.57	95	389235	52.60	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	342816	52.429	ug/l	98
3) Chloromethane	1.76	50	210834	44.624	ug/l	97
4) Vinyl Chloride	1.86	62	227050	48.898	ug/l	100
5) Bromomethane	2.15	94	82666	75.980	ug/l	97
6) Chloroethane	2.27	64	119594	61.381	ug/l	98
7) Trichlorofluoromethane	2.54	101	591036	65.472	ug/l	99
8) Diethyl Ether	2.88	74	73392	42.155	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.16	101	358042	52.431	ug/l	93
10) Methyl Iodide	3.31	142	431272	41.786	ug/l #	79
11) Tert butyl alcohol	4.08	59	85478	263.573	ug/l	96
12) 1,1-Dichloroethene	3.14	96	263188	50.489	ug/l #	82
13) Acrolein	3.05	56	90251	269.060	ug/l	93
14) Allyl chloride	3.64	41	373590	49.290	ug/l #	81
15) Acrylonitrile	4.21	53	207927	243.925	ug/l	90
16) Acetone	3.23	43	442767	332.316	ug/l #	88
17) Carbon Disulfide	3.38	76	692204	46.160	ug/l	99
18) Methyl Acetate	3.65	43	119600	50.192	ug/l	91
19) Methyl tert-butyl Ether	4.25	73	595235	53.273	ug/l	94
20) Methylene Chloride	3.82	84	259847	46.709	ug/l	90
21) trans-1,2-Dichloroethene	4.23	96	300975	51.886	ug/l	88
22) Diisopropyl ether	5.13	45	851538	52.796	ug/l	91
23) Vinyl Acetate	5.07	43	2520834	296.229	ug/l	98
24) 1,1-Dichloroethane	5.01	63	504820	51.883	ug/l	99
25) 2-Butanone	6.09	43	405390	278.946	ug/l	97
26) 2,2-Dichloropropane	6.04	77	580261	59.869	ug/l	93
27) cis-1,2-Dichloroethene	6.05	96	333228	51.322	ug/l	95
28) Bromochloromethane	6.45	49	234020	61.132	ug/l	85
29) Tetrahydrofuran	6.47	42	166697	248.943	ug/l	95
30) Chloroform	6.68	83	669618	57.104	ug/l	100
31) Cyclohexane	6.97	56	324012	48.607	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	664507	59.954	ug/l	97
36) 1,1-Dichloropropene	7.16	75	419961	55.605	ug/l	94
37) Ethyl Acetate	6.20	43	170248	53.154	ug/l #	90
38) Carbon Tetrachloride	7.13	117	731595	69.987	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	368802	50.966	ug/l	97
40) Benzene	7.47	78	865570	50.753	ug/l	99
41) Methacrylonitrile	6.46	41	218456	55.812	ug/l #	86
42) 1,2-Dichloroethane	7.59	62	428734	59.335	ug/l	94
43) Isopropyl Acetate	9.26	43	230645	50.775	ug/l #	93
44) Trichloroethene	8.56	130	333868	51.375	ug/l	90
45) 1,2-Dichloropropane	8.95	63	216675	51.364	ug/l	94
46) Dibromomethane	9.08	93	191704	55.884	ug/l	88
47) Bromodichloromethane	9.39	83	538557	64.184	ug/l	98
48) Methyl methacrylate	9.14	41	145270	51.920	ug/l #	84
49) 1,4-Dioxane	9.10	88	28872	956.384	ug/l #	87
51) 4-Methyl-2-Pentanone	10.31	43	780042	267.144	ug/l	91
52) Toluene	10.53	92	568103	51.197	ug/l	98
53) t-1,3-Dichloropropene	10.93	75	406557	56.061	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	433773	54.829	ug/l #	88
55) 1,1,2-Trichloroethane	11.20	97	209170	53.276	ug/l	94
56) Ethyl methacrylate	11.05	69	205662	50.409	ug/l #	75
57) 1,3-Dichloropropane	11.42	76	308812	52.064	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.88	63	632844	283.971	ug/l	97
59) 2-Hexanone	11.54	43	645536	299.957	ug/l	90
60) Dibromochloromethane	11.70	129	385557	56.823	ug/l	100
61) 1,2-Dibromoethane	11.81	107	244097	51.138	ug/l	96
64) Tetrachloroethene	11.27	164	303903	49.157	ug/l	94
65) Chlorobenzene	12.41	112	713717	48.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	341898	53.349	ug/l	92
67) Ethyl Benzene	12.53	91	1306853	53.011	ug/l	94
68) m/p-Xylenes	12.68	106	847739	94.516	ug/l	83
69) o-Xylene	13.05	106	395066	47.378	ug/l	80
70) Styrene	13.08	104	702114	49.705	ug/l	96
71) Bromoform	13.24	173	217319	48.739	ug/l	100
73) Isopropylbenzene	13.41	105	1300537	51.480	ug/l	96
74) N-amyl acetate	13.27	43	326055	49.228	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	207278	43.340	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	243743	48.665	ug/l	100
77) Bromobenzene	13.67	156	347247	49.102	ug/l	89
78) n-propylbenzene	13.78	91	1455297	48.291	ug/l	97
79) 2-Chlorotoluene	13.85	91	850332	49.268	ug/l	93
80) 1,3,5-Trimethylbenzene	13.94	105	1100199	51.717	ug/l	90
81) trans-1,4-Dichloro-2-buten	13.48	75	67888	48.013	ug/l #	72
82) 4-Chlorotoluene	13.95	91	1083770	53.362	ug/l	82
83) tert-Butylbenzene	14.20	119	1206334	50.451	ug/l	91
84) 1,2,4-Trimethylbenzene	14.25	105	1112241	52.101	ug/l	89
85) sec-Butylbenzene	14.37	105	1295987	49.434	ug/l	98
86) p-Isopropyltoluene	14.50	119	1237103	52.816	ug/l	95
87) 1,3-Dichlorobenzene	14.46	146	627775	48.594	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	593234	46.735	ug/l	99
89) n-Butylbenzene	14.81	91	1198453	57.005	ug/l	96
90) Hexachloroethane	15.01	117	318577	50.014	ug/l	89
91) 1,2-Dichlorobenzene	14.82	146	551551	51.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	44338	56.477	ug/l	77

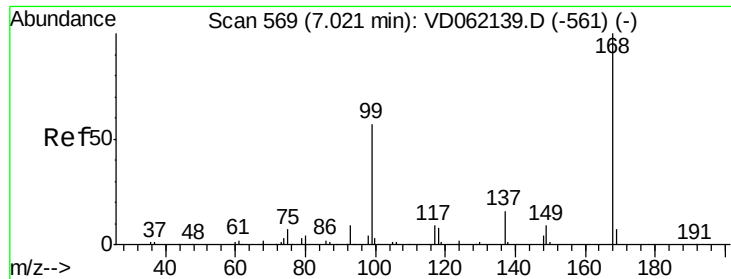
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
Data File : VD062339.D
Acq On : 14 May 2019 11:14
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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	419151	54.125	ug/l	97
94) Hexachlorobutadiene	16.05	225	327395	56.841	ug/l	98
95) Naphthalene	16.13	128	563128	52.085	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	294937	60.574	ug/l	98

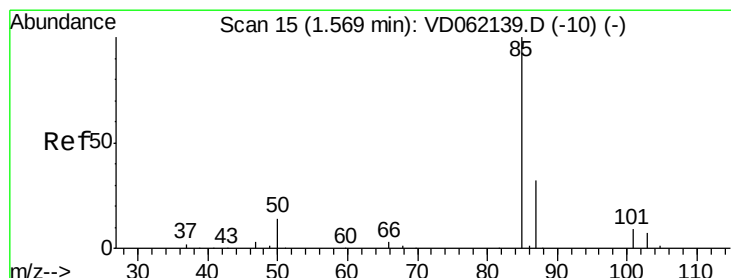
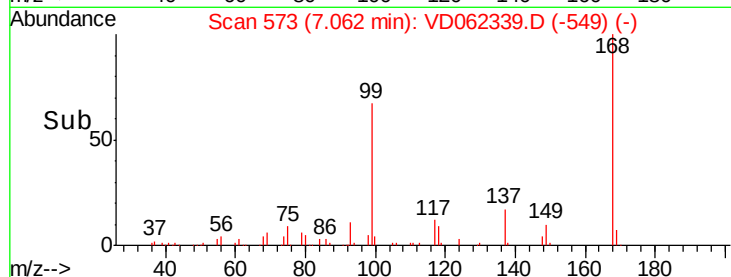
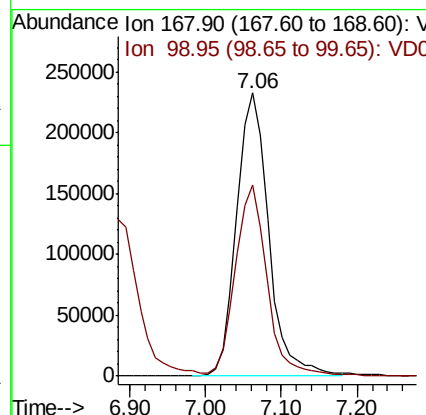
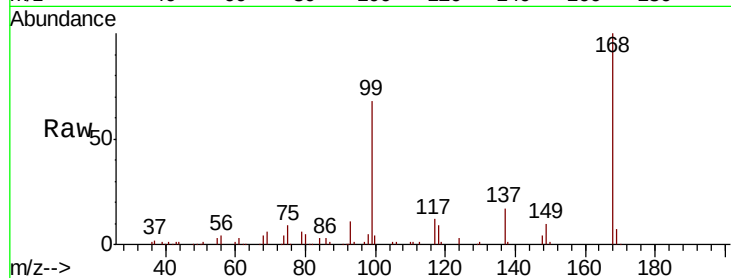
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

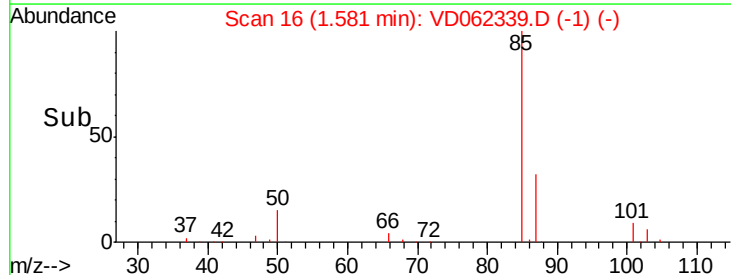
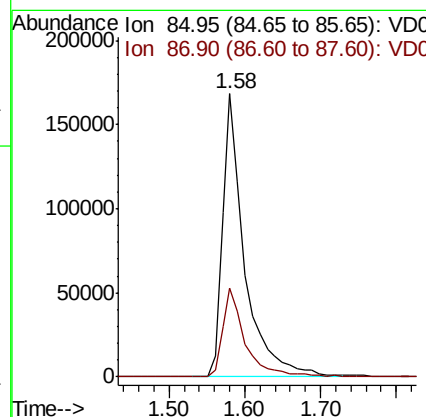
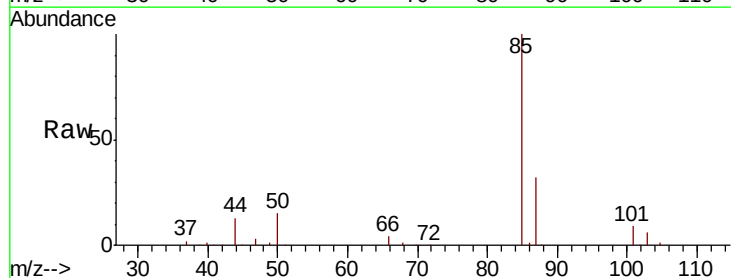
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

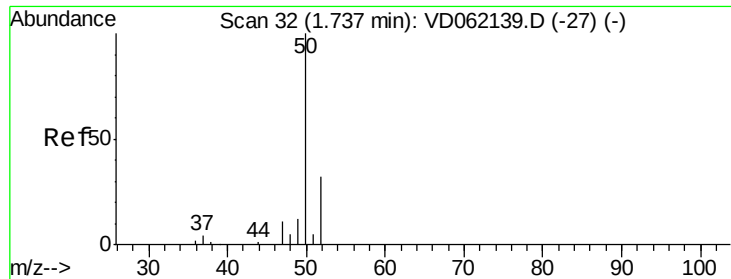
Tgt Ion: 168 Resp: 683663
Ion Ratio Lower Upper
168 100
99 67.7 46.5 69.7



#2
Dichlorodifluoromethane
Concen: 52.429 ug/l
RT: 1.58 min Scan# 16
Delta R.T. 0.01 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 85 Resp: 342816
Ion Ratio Lower Upper
85 100
87 31.5 16.2 48.6





#3

Chloromethane

Concen: 44.624 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.02 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

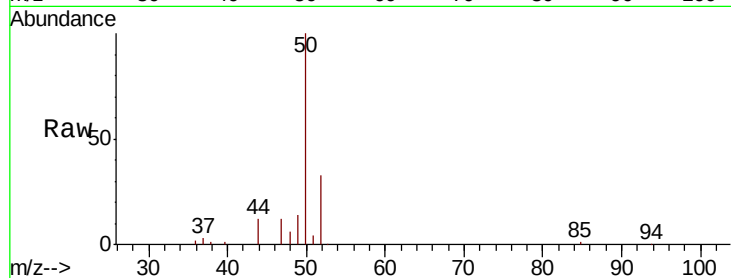
VSTDCCC050

Tgt Ion: 50 Resp: 210834

Ion Ratio Lower Upper

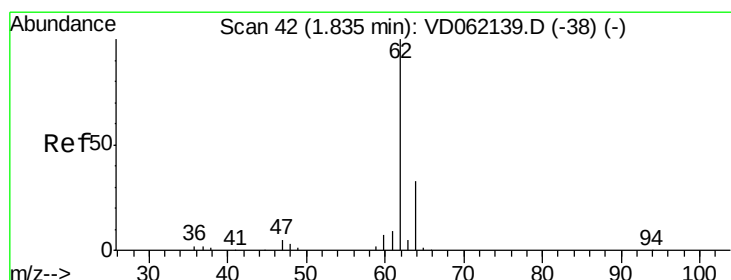
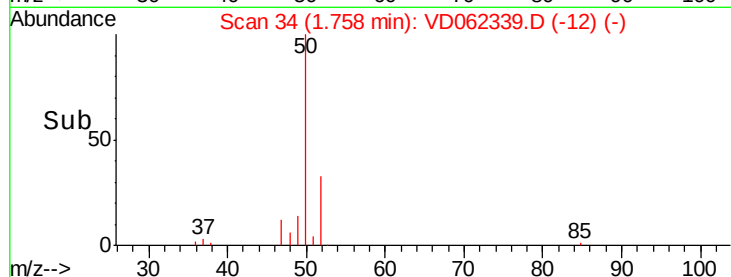
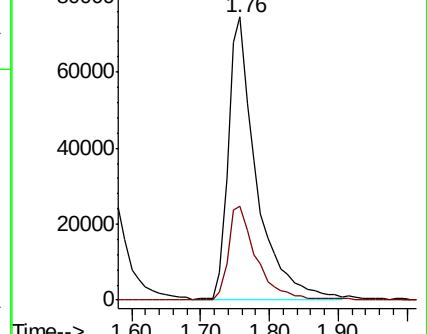
50 100

52 33.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.898 ug/l

RT: 1.86 min Scan# 44

Delta R.T. 0.02 min

Lab File: VD062339.D

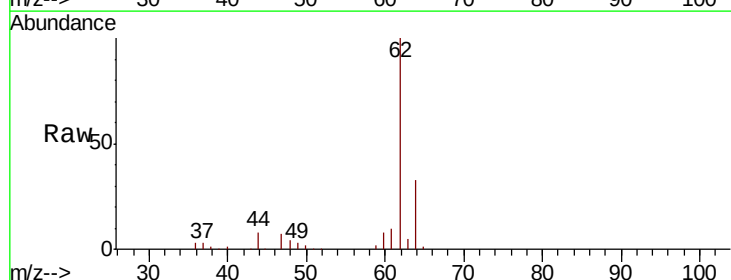
Acq: 14 May 2019 11:14

Tgt Ion: 62 Resp: 227050

Ion Ratio Lower Upper

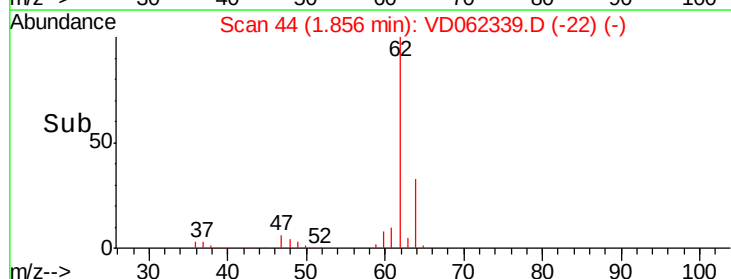
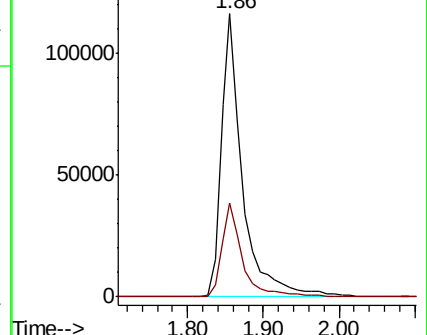
62 100

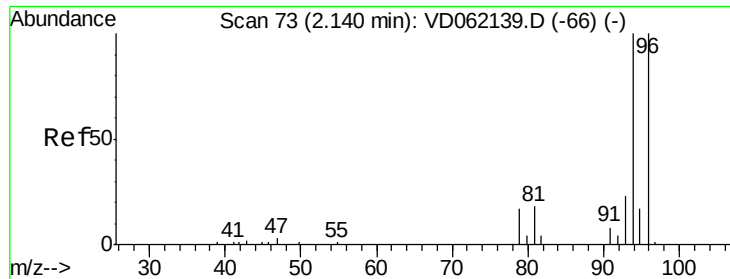
64 33.1 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 75.980 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

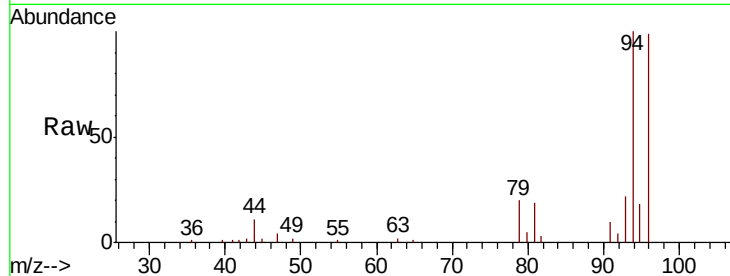
Tgt Ion: 94 Resp: 82666

Ion Ratio Lower Upper

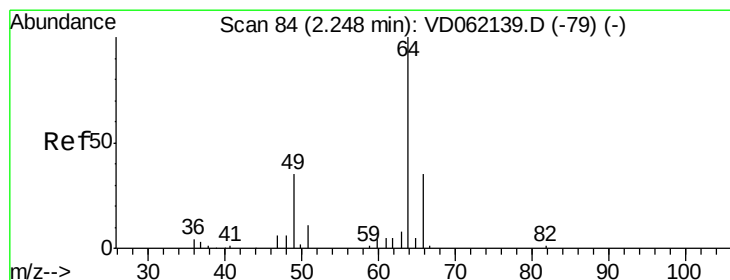
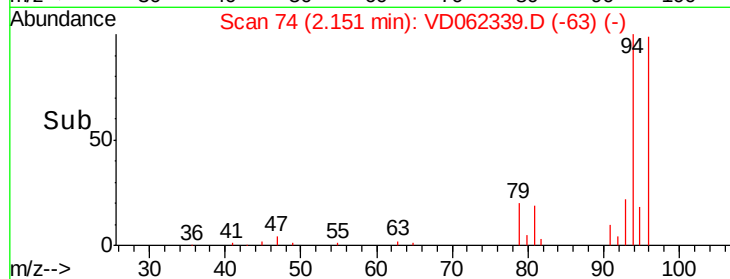
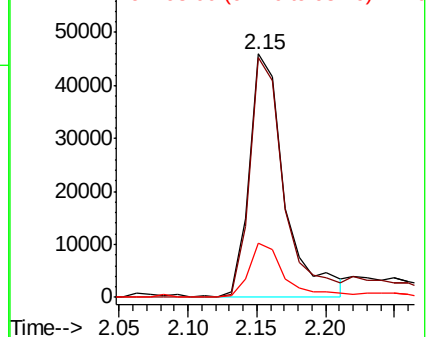
94 100

96 98.5 76.6 115.0

93 22.3 18.5 27.7



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: 61.381 ug/l

RT: 2.27 min Scan# 86

Delta R.T. 0.02 min

Lab File: VD062339.D

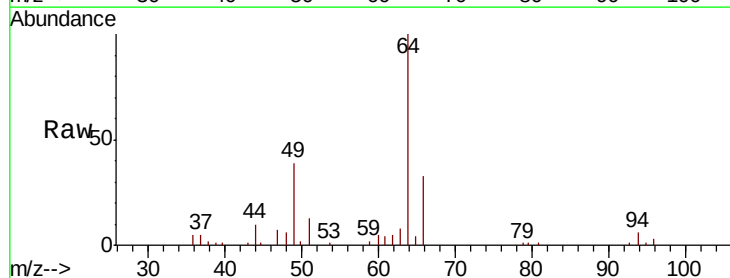
Acq: 14 May 2019 11:14

Tgt Ion: 64 Resp: 119594

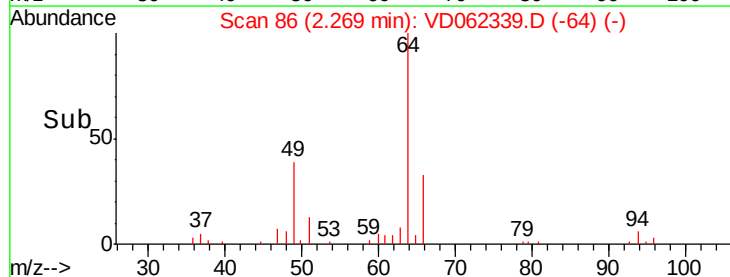
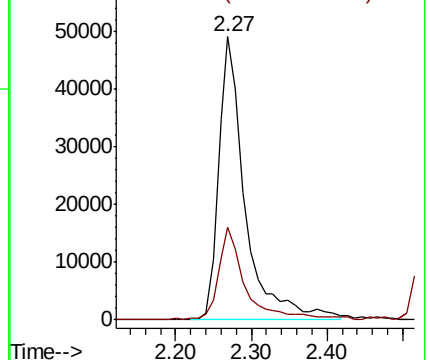
Ion Ratio Lower Upper

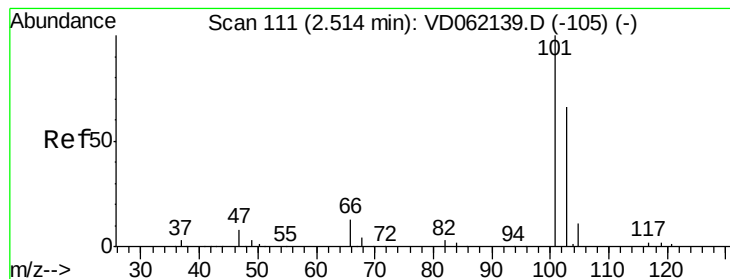
64 100

66 32.9 25.6 38.4



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



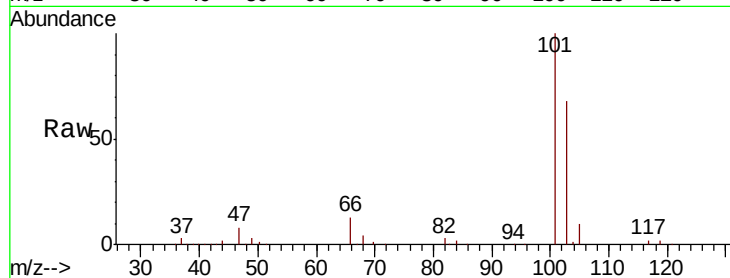


#7

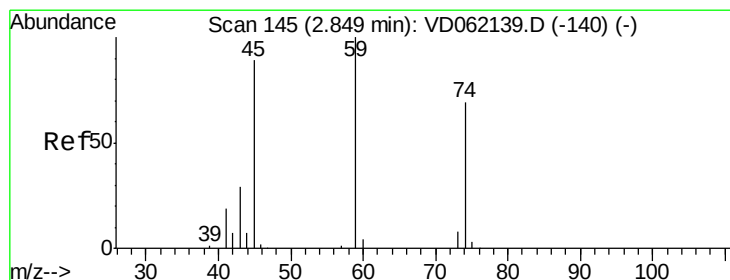
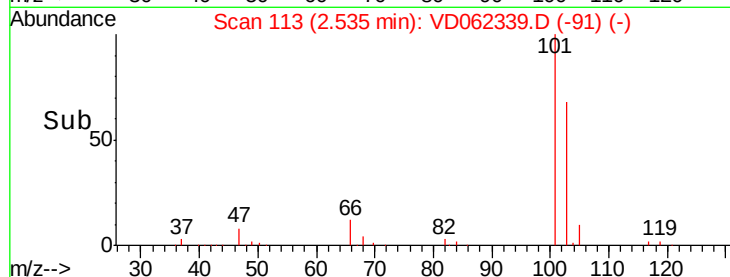
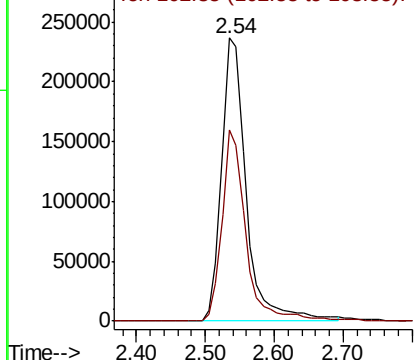
Trichlorofluoromethane
Concen: 65.472 ug/l
RT: 2.54 min Scan# 113
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 591036
Ion Ratio Lower Upper
101 100
103 67.7 53.6 80.4



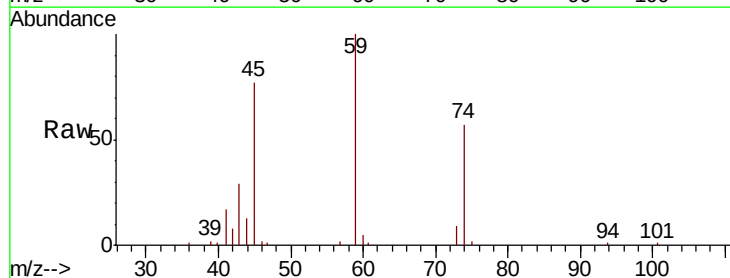
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



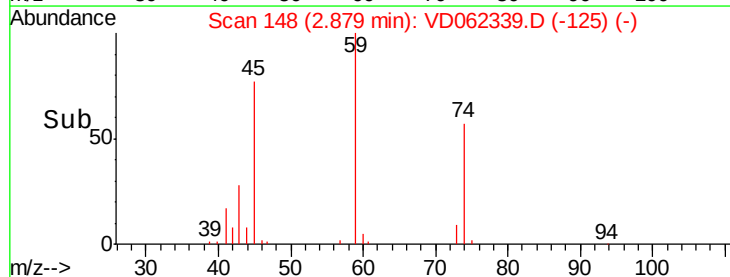
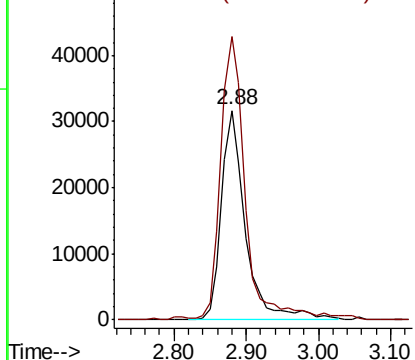
#8

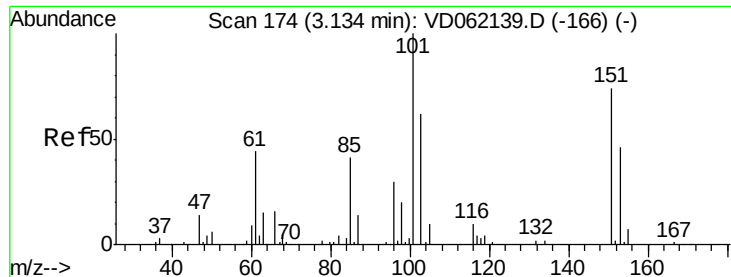
Diethyl Ether
Concen: 42.155 ug/l
RT: 2.88 min Scan# 148
Delta R.T. 0.03 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 74 Resp: 73392
Ion Ratio Lower Upper
74 100
45 134.9 56.9 170.7



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: 52.431 ug/l

RT: 3.16 min Scan# 176

Delta R.T. 0.02 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

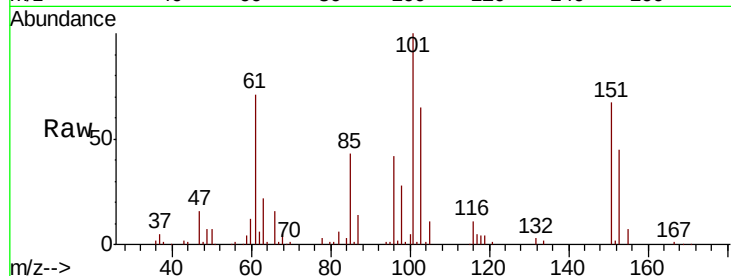
Tgt Ion:101 Resp: 358042

Ion Ratio Lower Upper

101 100

85 43.1 32.4 48.6

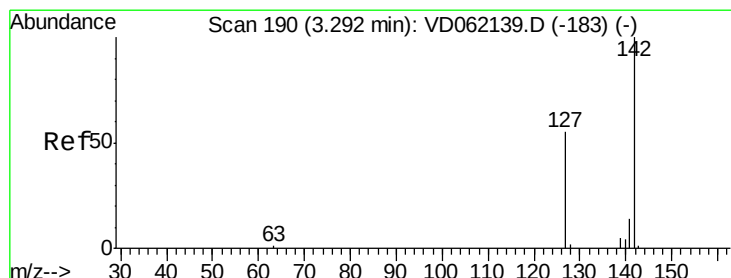
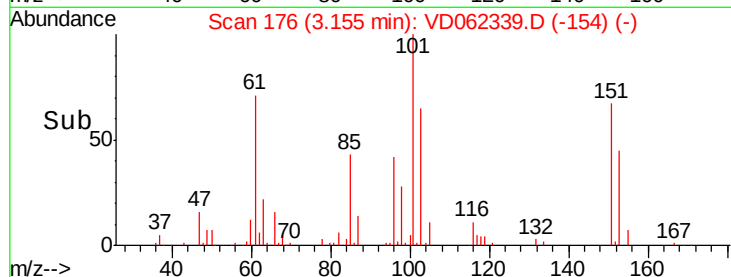
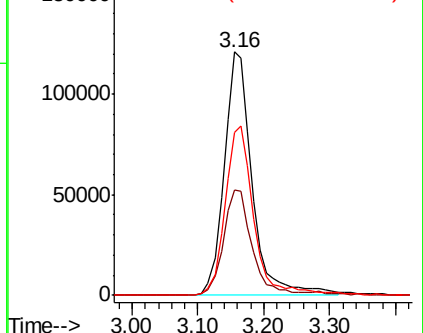
151 67.1 59.4 89.0



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: 41.786 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.02 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

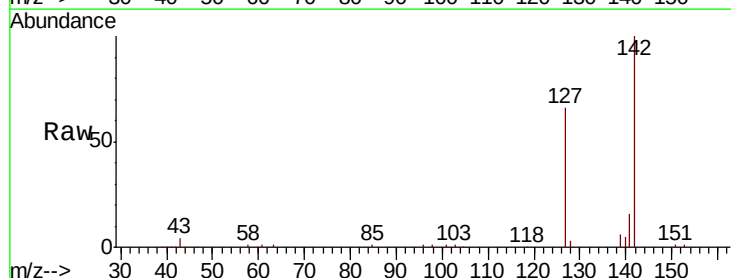
Tgt Ion:142 Resp: 431272

Ion Ratio Lower Upper

142 100

127 66.3 38.8 58.2#

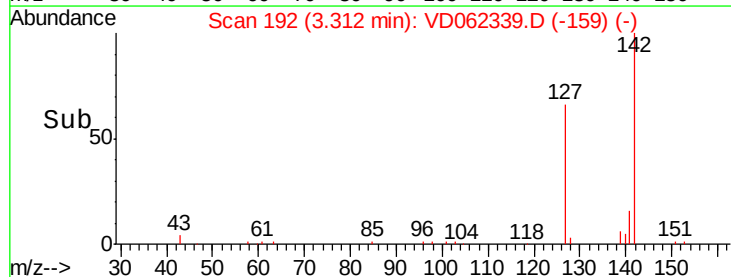
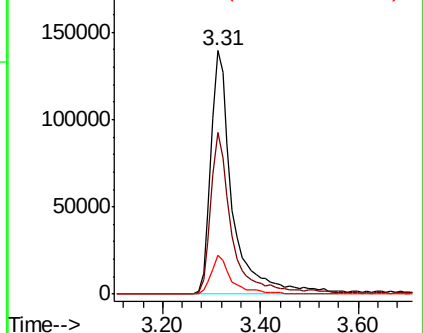
141 16.1 11.4 17.0

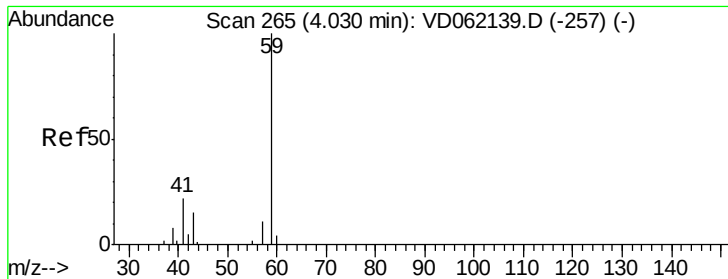


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



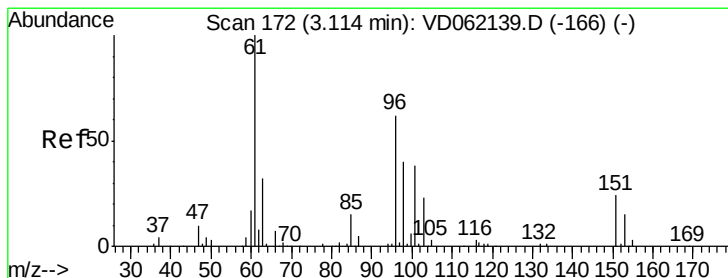
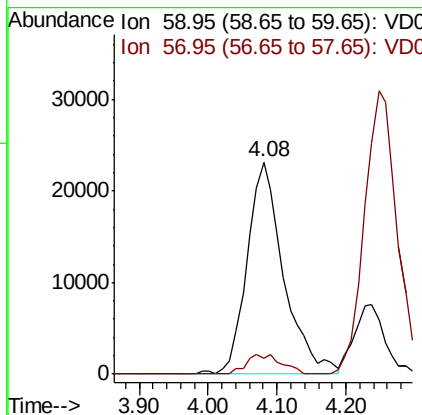
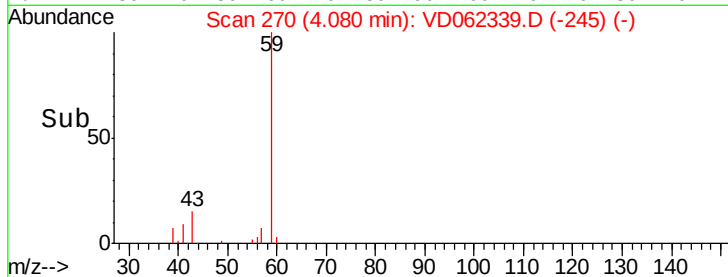
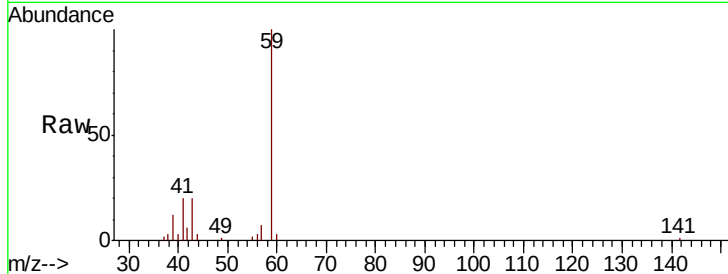


#11

Tert butyl alcohol
Concen: 263.573 ug/l
RT: 4.08 min Scan# 270
Delta R.T. 0.05 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

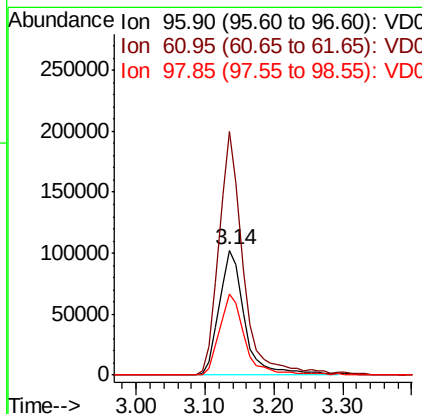
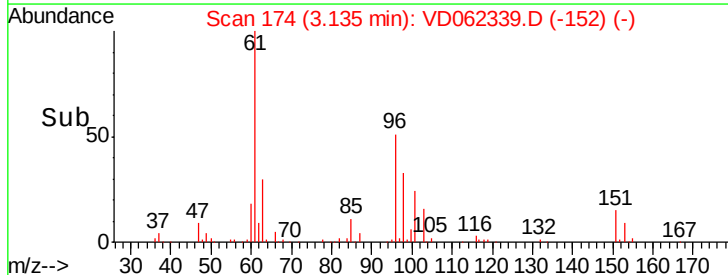
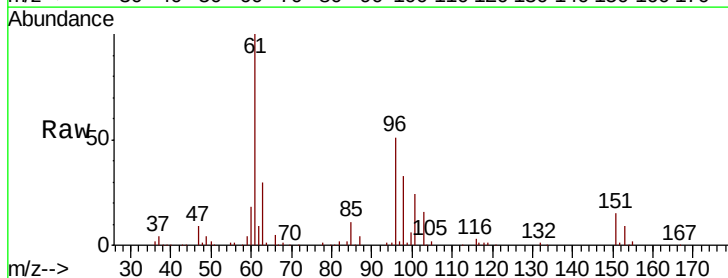
Tgt Ion: 59 Resp: 85478
Ion Ratio Lower Upper
59 100
57 7.3 6.9 10.3

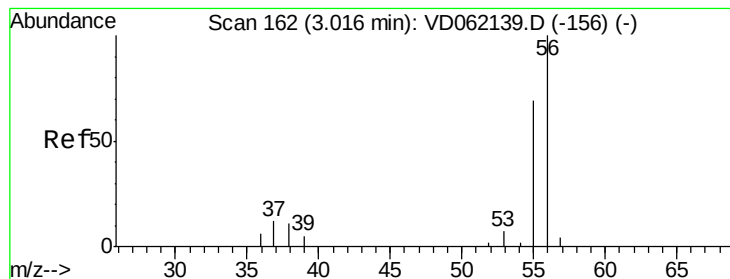


#12

1,1-Dichloroethene
Concen: 50.489 ug/l
RT: 3.14 min Scan# 174
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 96 Resp: 263188
Ion Ratio Lower Upper
96 100
61 195.3 129.8 194.8#
98 64.9 51.2 76.8





#13

Acrolein

Concen: 269.060 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.03 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

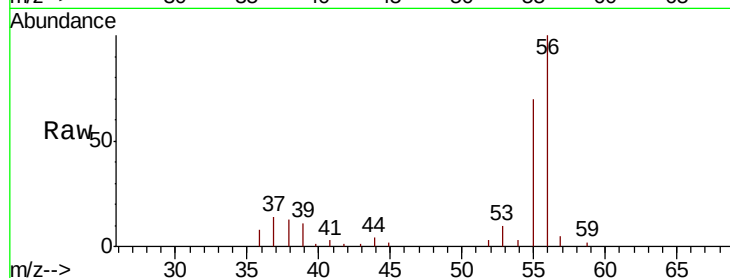
VSTDCCC050

Tgt Ion: 56 Resp: 90251

Ion Ratio Lower Upper

56 100

55 70.0 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.05

40000

30000

20000

10000

0

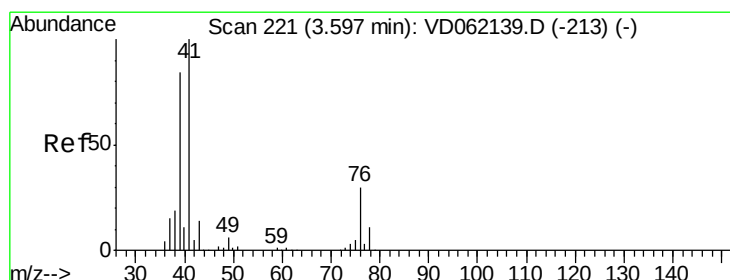
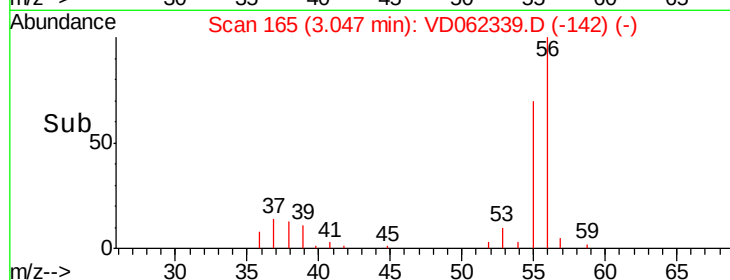
Time-->

2.90

3.00

3.10

3.20



#14

Allyl chloride

Concen: 49.290 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.04 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

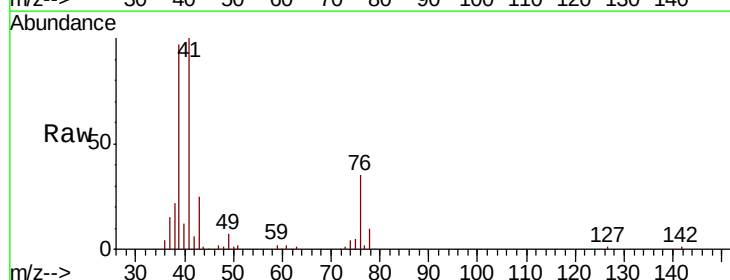
Tgt Ion: 41 Resp: 373590

Ion Ratio Lower Upper

41 100

39 96.6 60.5 90.7#

76 35.0 31.8 47.8



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

150000

100000

50000

0

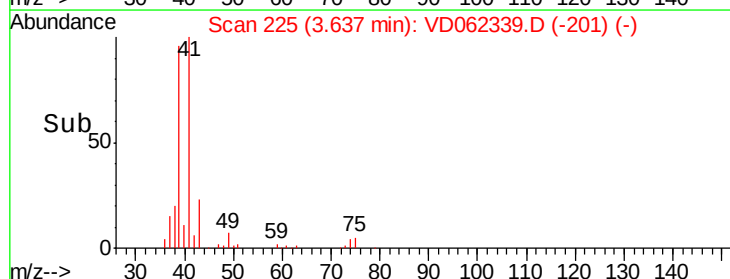
Time-->

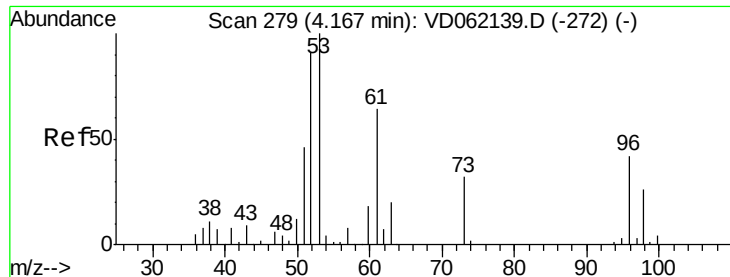
3.50

3.60

3.70

3.80

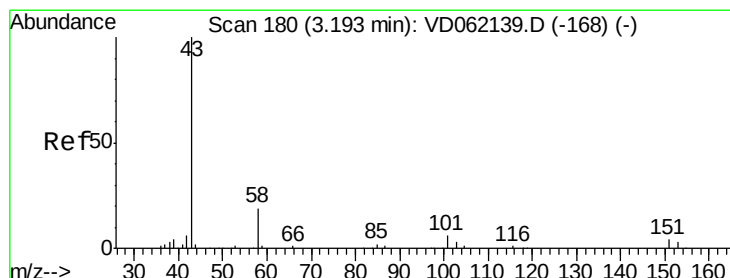
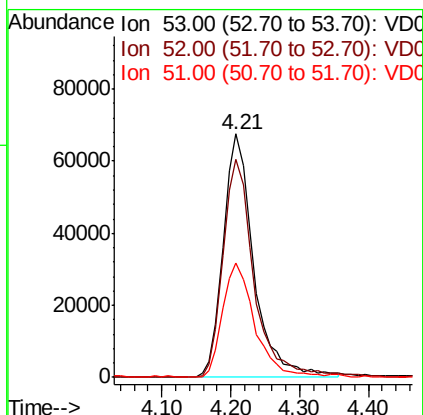
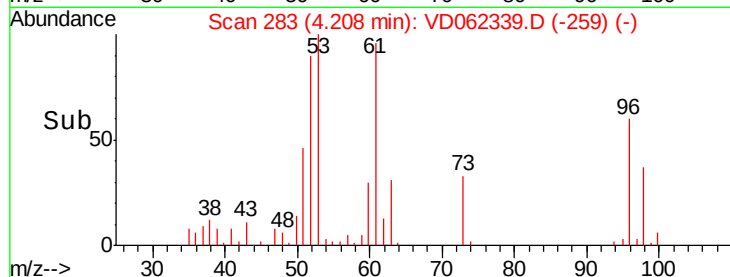
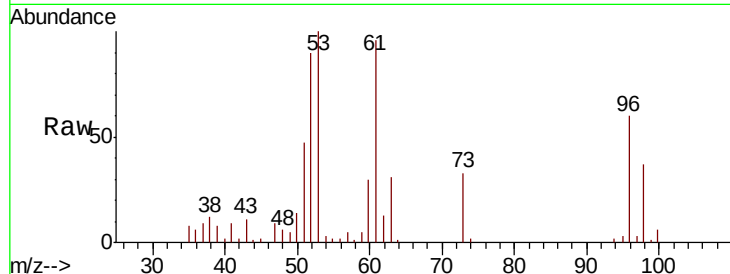




#15
 Acrylonitrile
 Concen: 243.925 ug/l
 RT: 4.21 min Scan# 283
 Delta R.T. 0.04 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

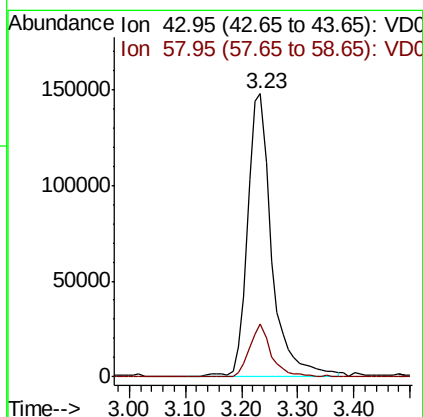
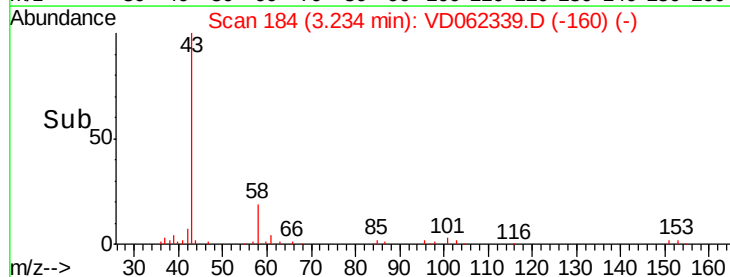
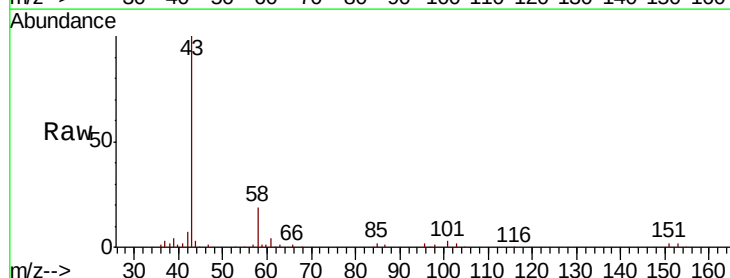
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

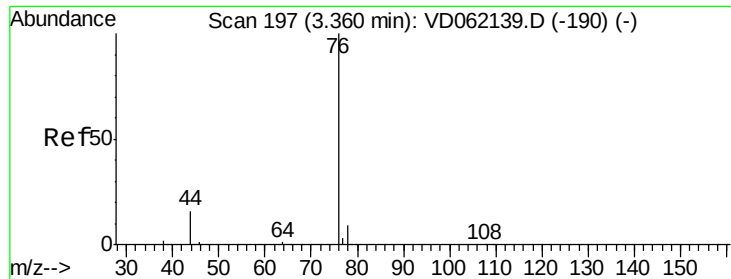
Tgt Ion: 53 Resp: 207927
 Ion Ratio Lower Upper
 53 100
 52 89.7 65.0 97.4
 51 46.7 32.6 48.8



#16
 Acetone
 Concen: 332.316 ug/l
 RT: 3.23 min Scan# 184
 Delta R.T. 0.04 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion: 43 Resp: 442767
 Ion Ratio Lower Upper
 43 100
 58 18.7 19.9 29.9#

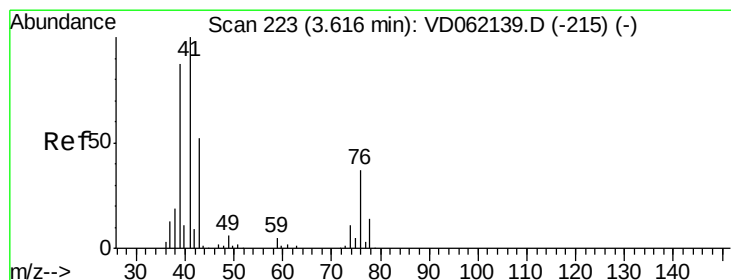
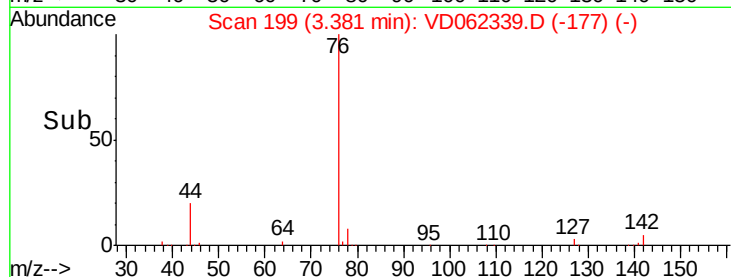
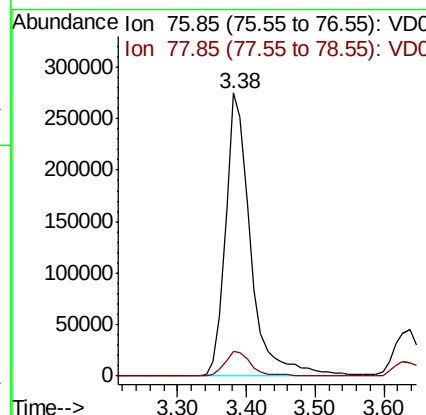
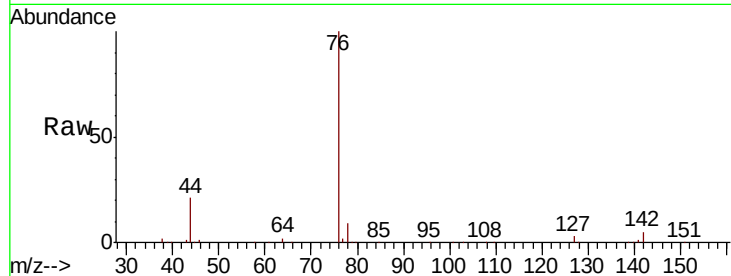




#17
Carbon Disulfide
Concen: 46.160 ug/l
RT: 3.38 min Scan# 199
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

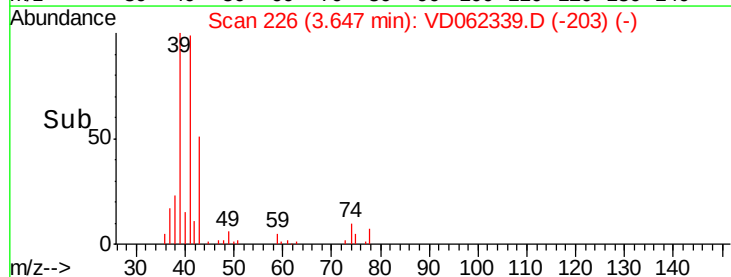
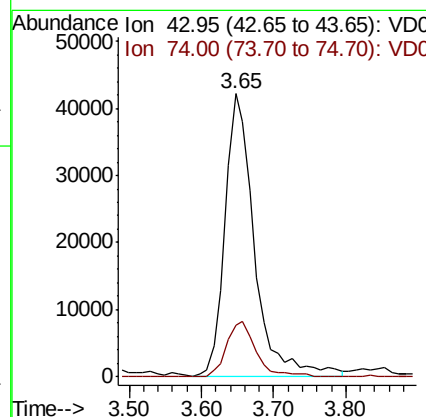
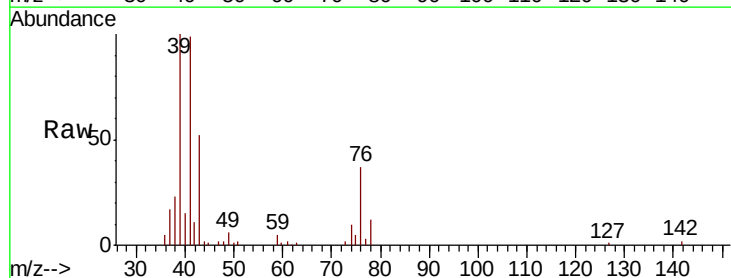
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

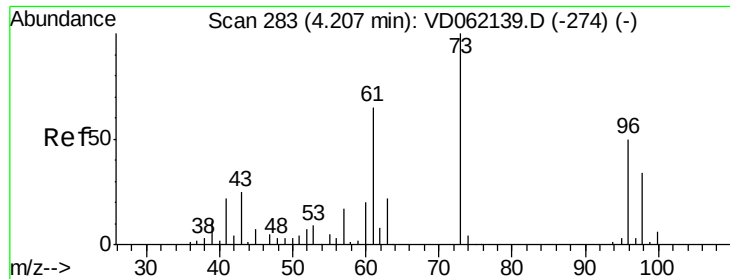
Tgt Ion: 76 Resp: 692204
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 50.192 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.03 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 43 Resp: 119600
Ion Ratio Lower Upper
43 100
74 18.3 18.0 27.0

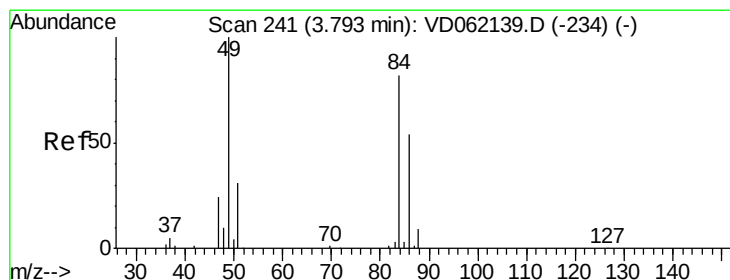
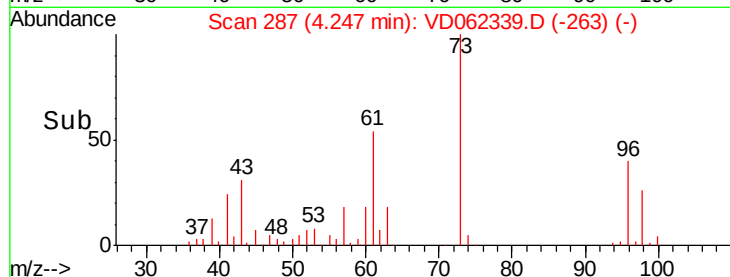
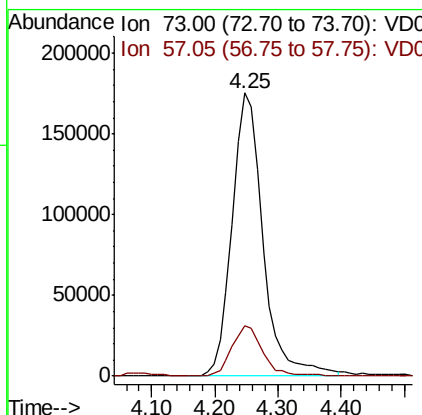
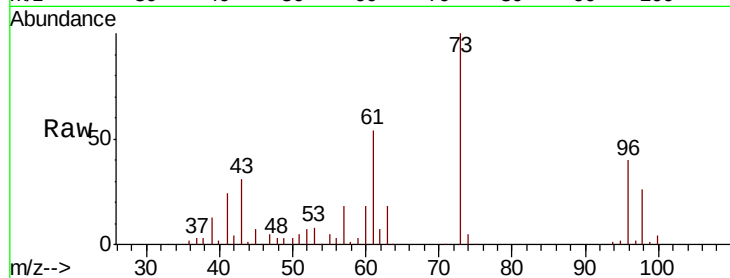




#19
Methyl tert-butyl Ether
Concen: 53.273 ug/l
RT: 4.25 min Scan# 287
Delta R.T. 0.04 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

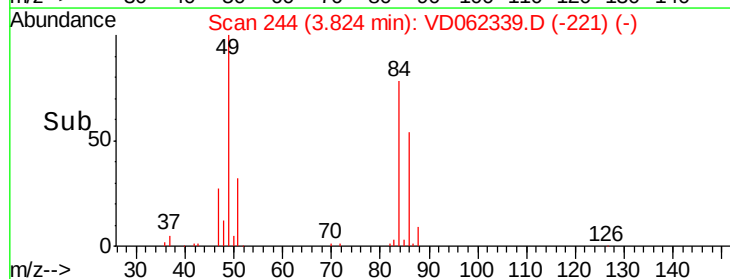
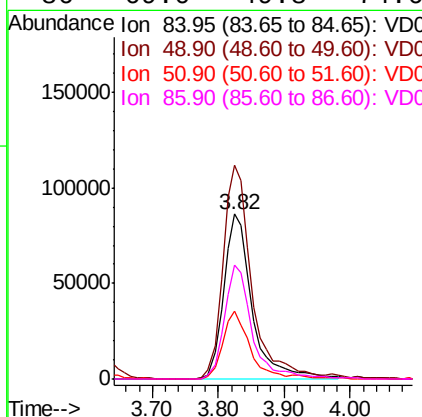
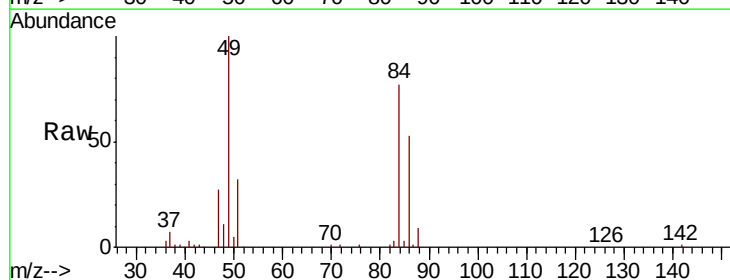
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

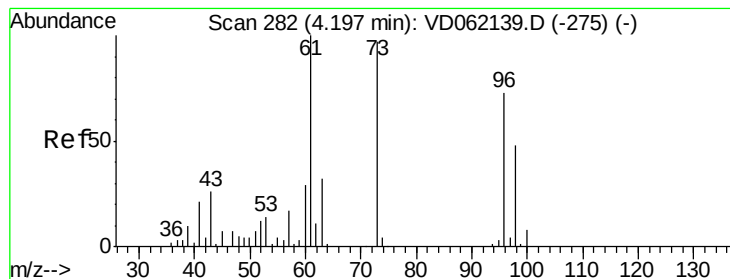
Tgt Ion: 73 Resp: 595235
Ion Ratio Lower Upper
73 100
57 17.6 16.3 24.5



#20
Methylene Chloride
Concen: 46.709 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 84 Resp: 259847
Ion Ratio Lower Upper
84 100
49 129.8 94.0 141.0
51 41.1 29.0 43.4
86 69.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 51.886 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.03 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

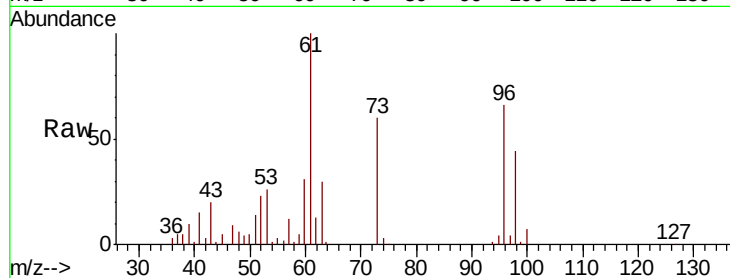
Tgt Ion: 96 Resp: 300975

Ion Ratio Lower Upper

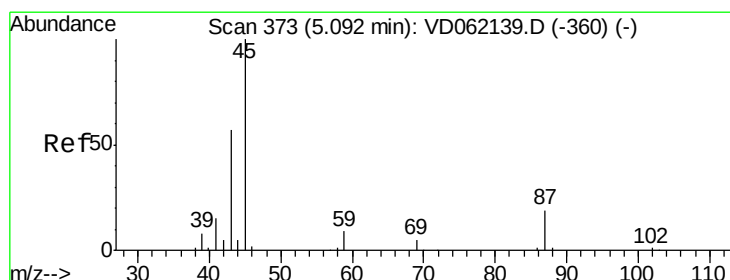
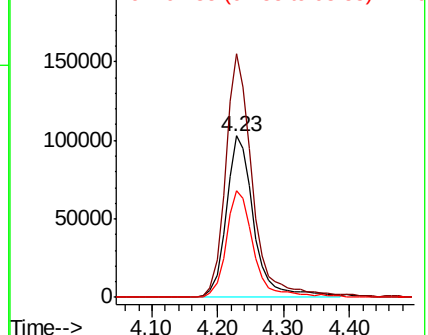
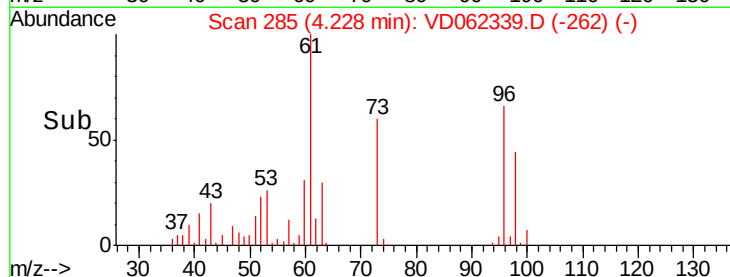
96 100

61 151.1 104.4 156.6

98 66.2 51.8 77.8



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: 52.796 ug/l

RT: 5.13 min Scan# 377

Delta R.T. 0.04 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Tgt Ion: 45 Resp: 851538

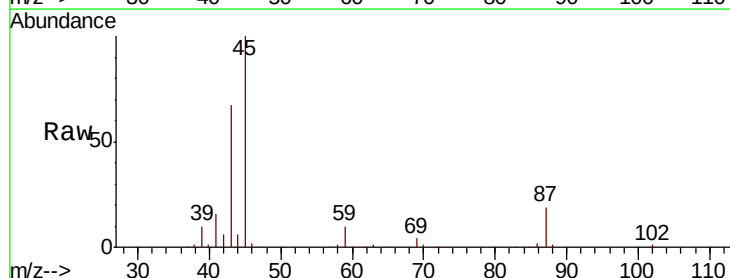
Ion Ratio Lower Upper

45 100

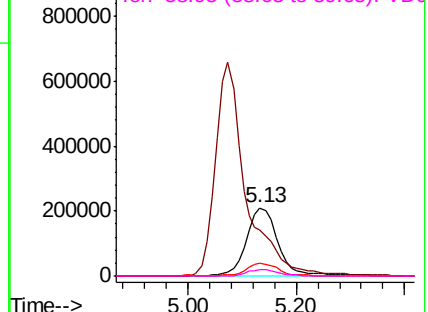
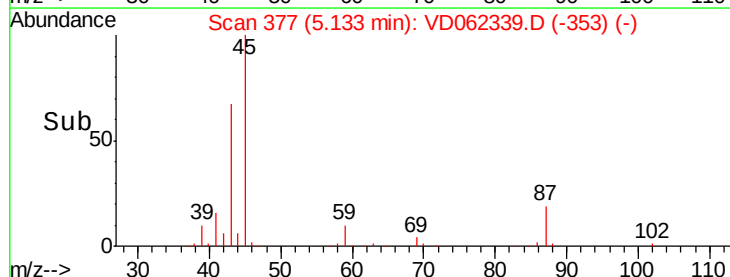
43 66.8 46.2 69.2

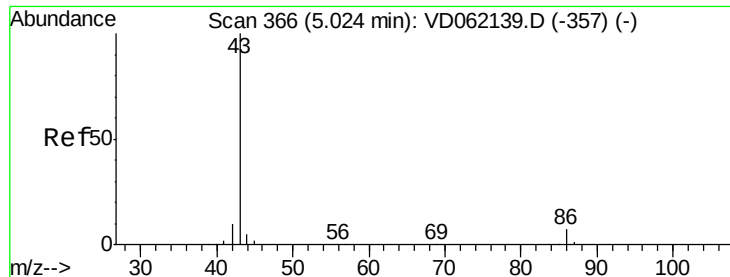
87 18.7 15.9 23.9

59 10.0 7.9 11.9



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: 296.229 ug/l

RT: 5.07 min Scan# 371

Delta R.T. 0.05 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

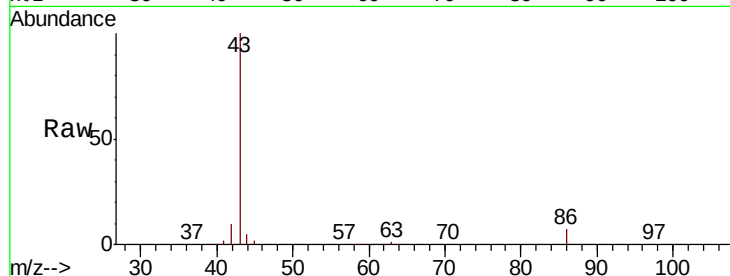
VSTDCCC050

Tgt Ion: 43 Resp: 2520834

Ion Ratio Lower Upper

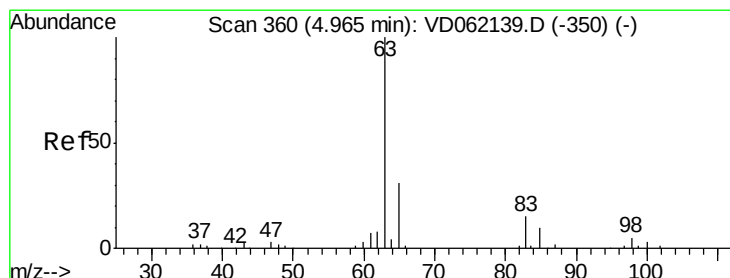
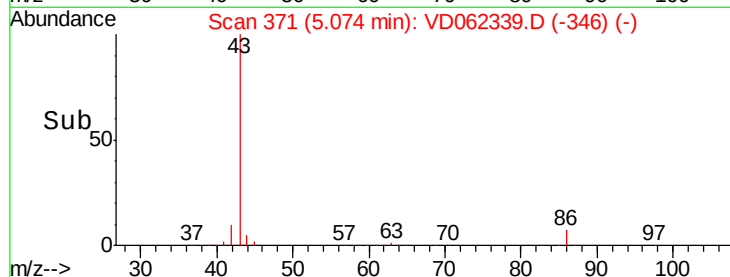
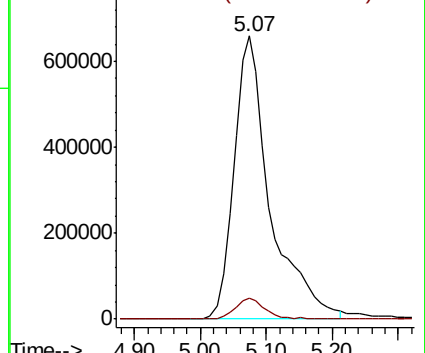
43 100

86 7.4 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.883 ug/l

RT: 5.01 min Scan# 364

Delta R.T. 0.04 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

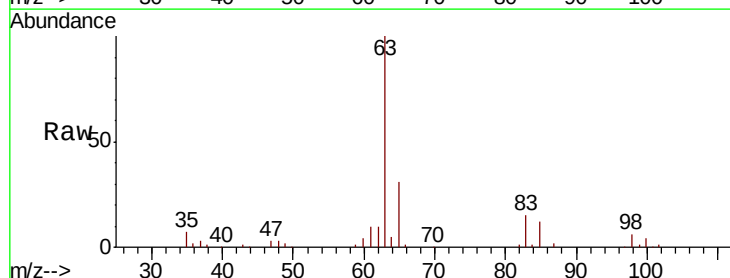
Tgt Ion: 63 Resp: 504820

Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.4

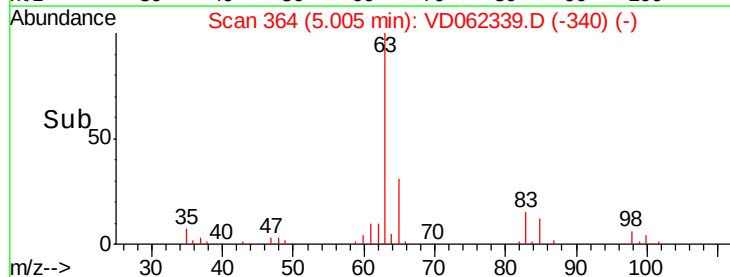
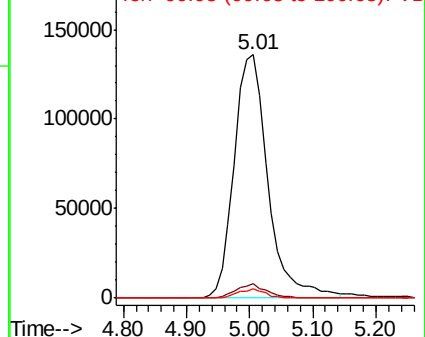
100 3.9 1.8 5.5

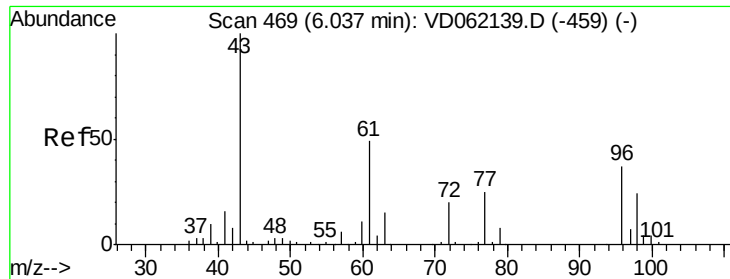


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 278.946 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.05 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

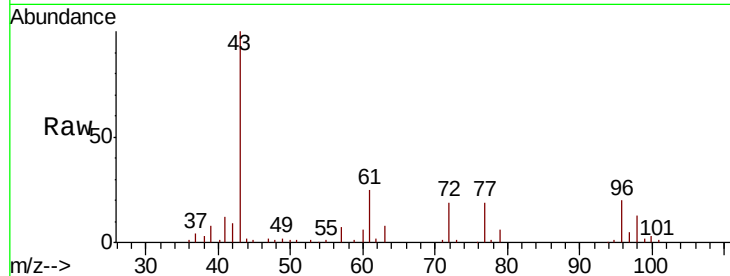
VSTDCCC050

Tgt Ion: 43 Resp: 405390

Ion Ratio Lower Upper

43 100

72 19.0 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.09

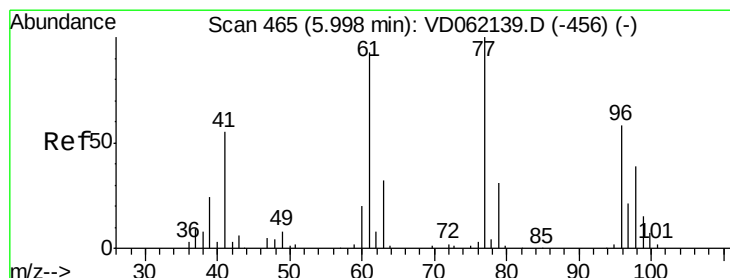
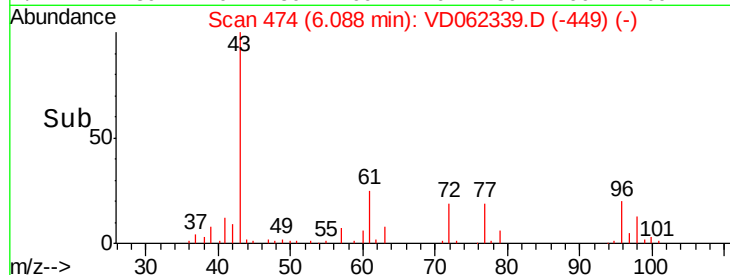
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 59.869 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.04 min

Lab File: VD062339.D

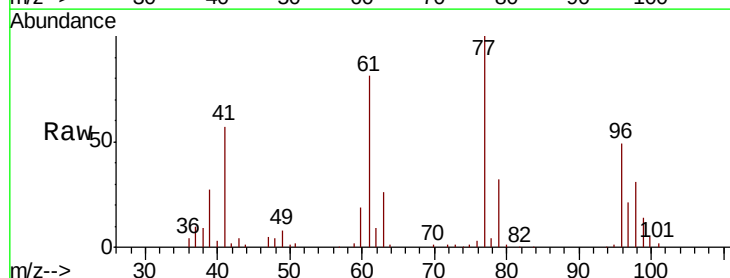
Acq: 14 May 2019 11:14

Tgt Ion: 77 Resp: 580261

Ion Ratio Lower Upper

77 100

97 20.7 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

6.04

200000

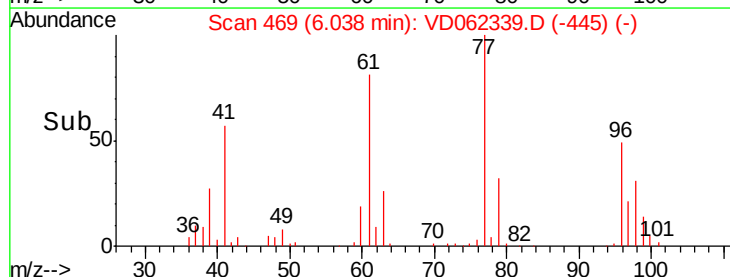
150000

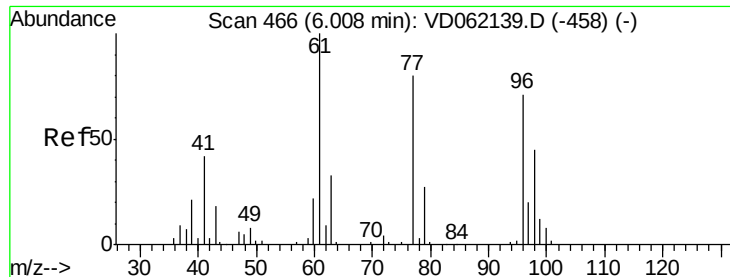
100000

50000

0

Time-->



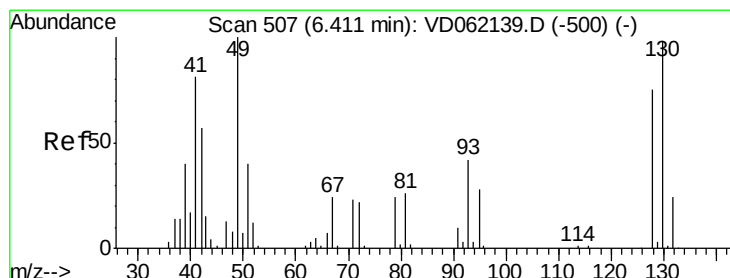
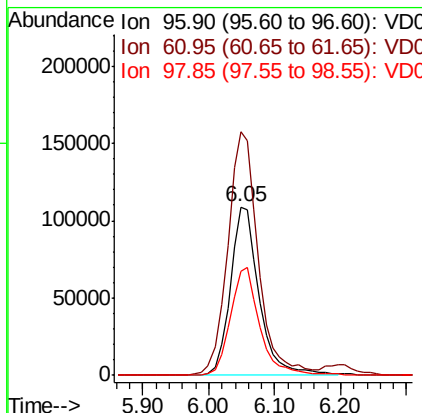
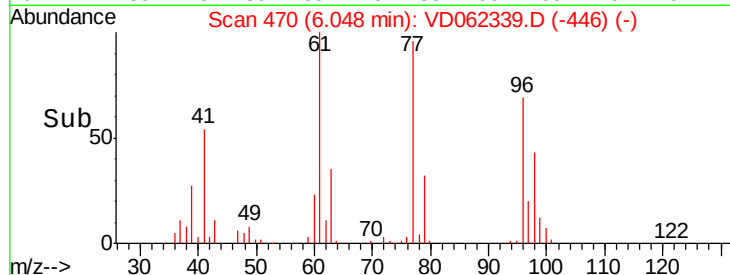
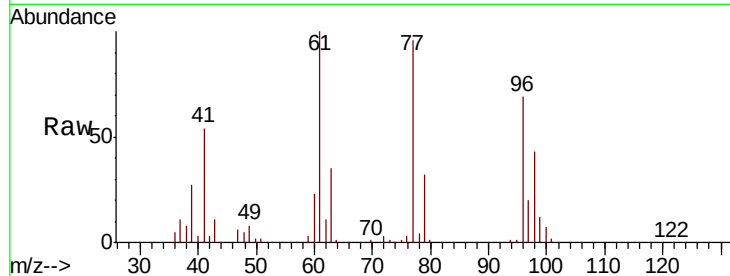


#27

cis-1,2-Dichloroethene
Concen: 51.322 ug/l
RT: 6.05 min Scan# 470
Delta R.T. 0.04 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

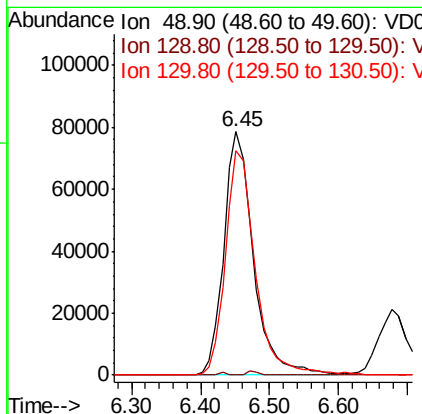
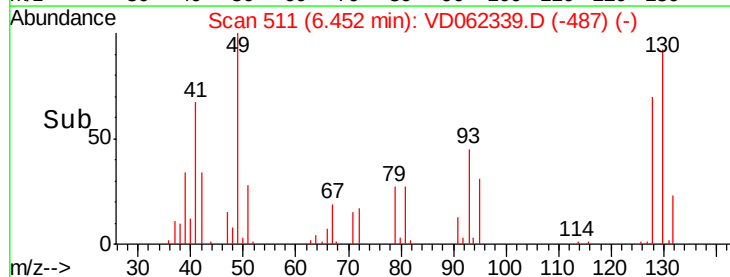
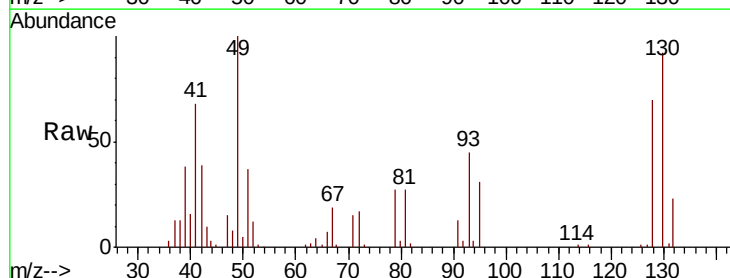
Tgt Ion: 96 Resp: 333228
Ion Ratio Lower Upper
96 100
61 144.3 0.0 279.8
98 61.7 0.0 136.0

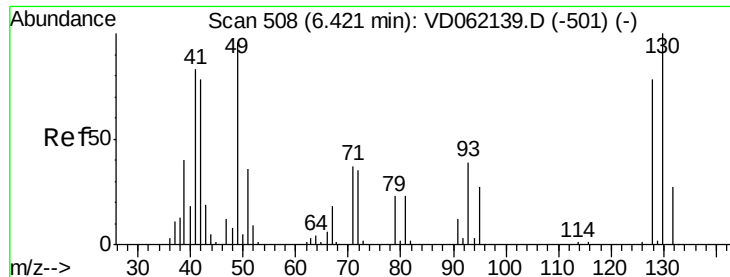


#28

Bromochloromethane
Concen: 61.132 ug/l
RT: 6.45 min Scan# 511
Delta R.T. 0.04 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 49 Resp: 234020
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.6
130 92.1 86.7 130.1

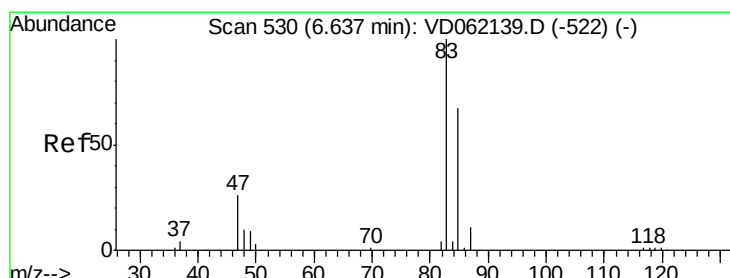
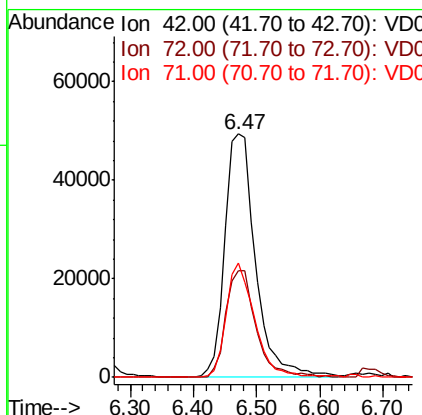
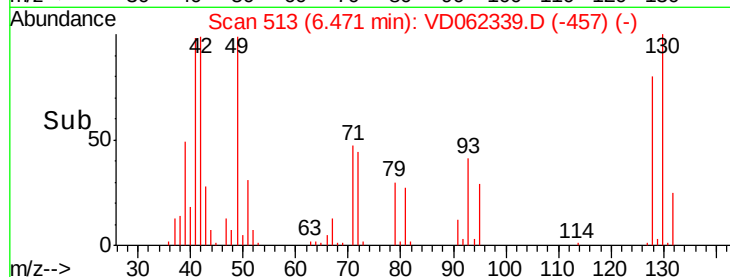
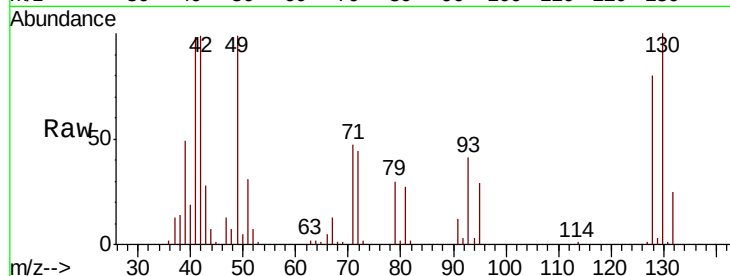




#29
Tetrahydrofuran
Concen: 248.943 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.05 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

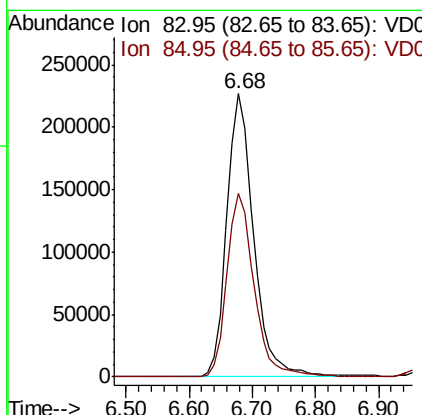
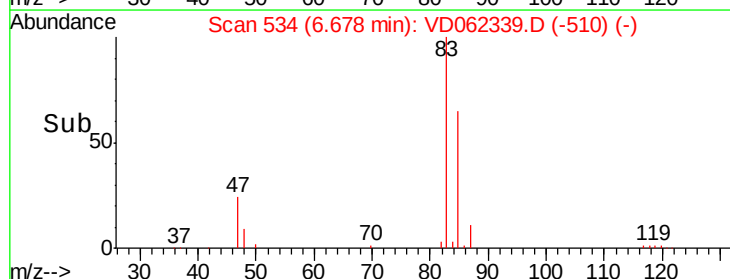
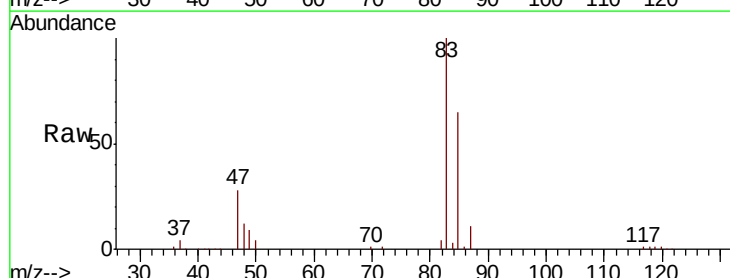
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

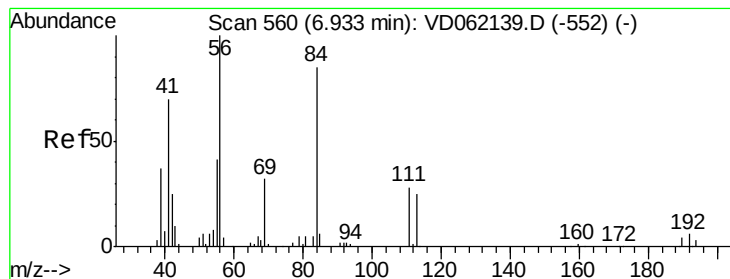
Tgt Ion: 42 Resp: 166697
Ion Ratio Lower Upper
42 100
72 43.3 37.8 56.6
71 42.9 36.7 55.1



#30
Chloroform
Concen: 57.104 ug/l
RT: 6.68 min Scan# 534
Delta R.T. 0.04 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 83 Resp: 669618
Ion Ratio Lower Upper
83 100
85 65.0 51.7 77.5





#31

Cyclohexane

Concen: 48.607 ug/l

RT: 6.97 min Scan# 564

Delta R.T. 0.04 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

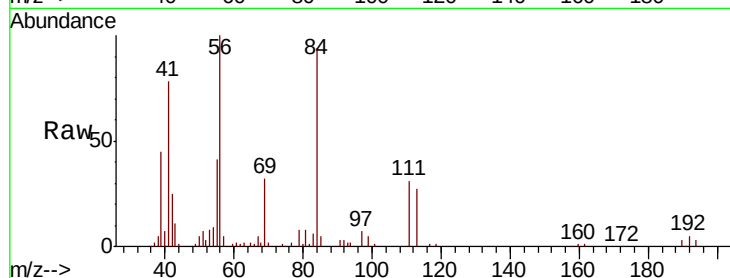
Tgt Ion: 56 Resp: 324012

Ion Ratio Lower Upper

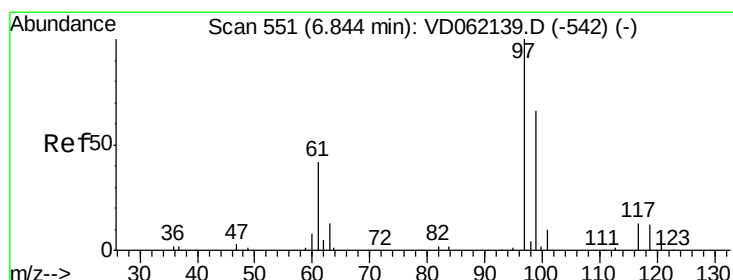
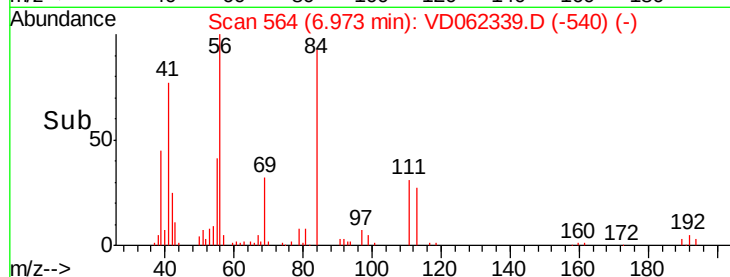
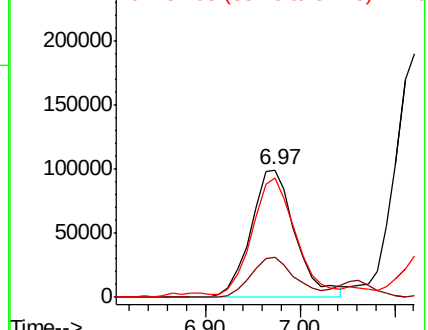
56 100

69 31.7 25.8 38.6

84 93.7 72.2 108.4



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



#32

1,1,1-Trichloroethane

Concen: 59.954 ug/l

RT: 6.88 min Scan# 555

Delta R.T. 0.04 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

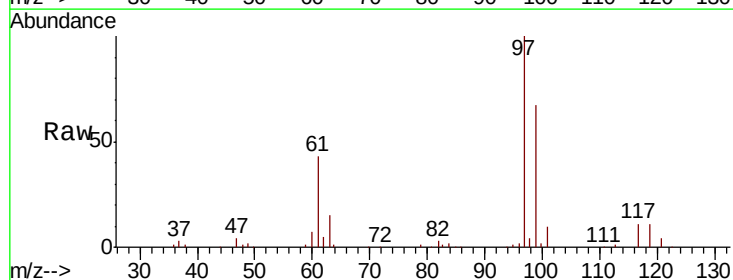
Tgt Ion: 97 Resp: 664507

Ion Ratio Lower Upper

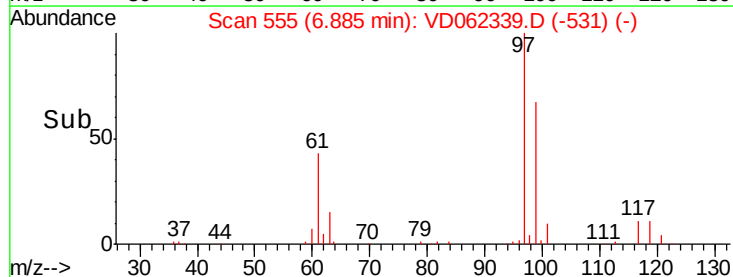
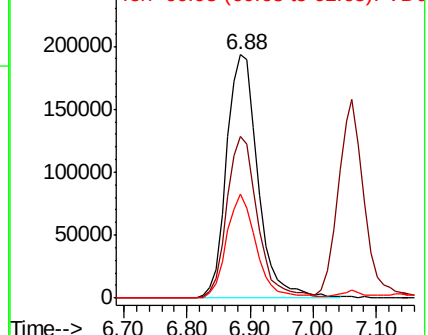
97 100

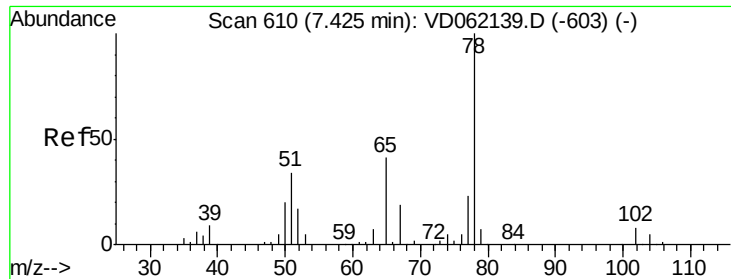
99 66.5 52.2 78.2

61 43.0 32.4 48.6



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

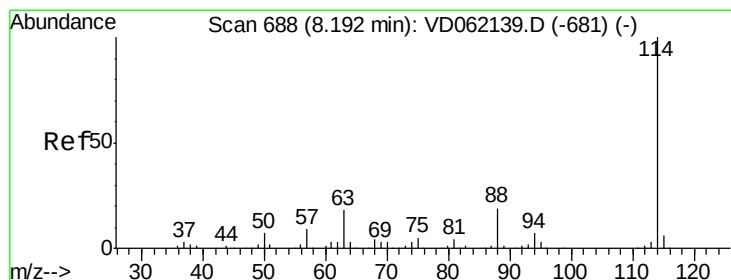
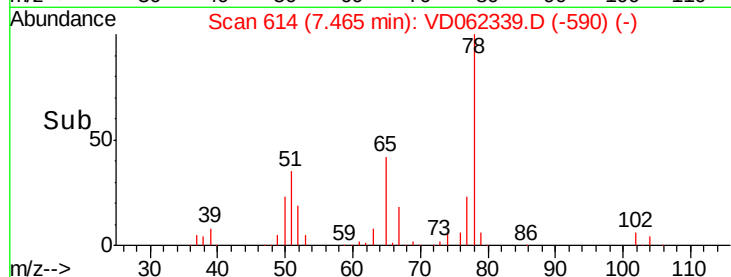
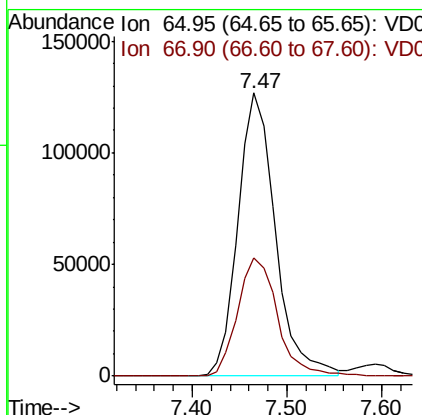
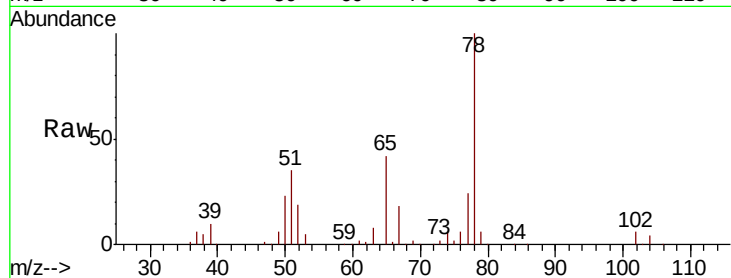




#33
 1,2-Dichloroethane-d4
 Concen: 54.793 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

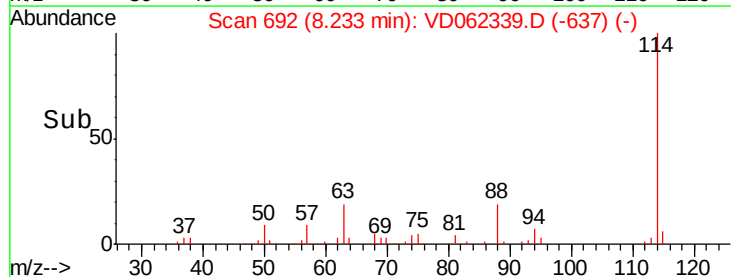
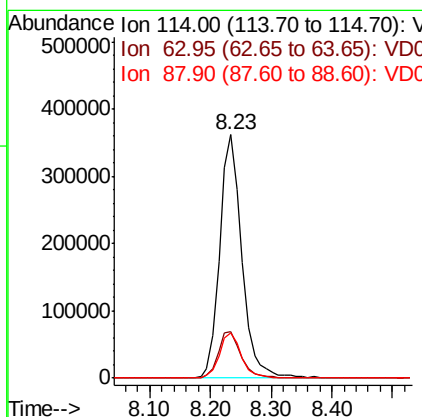
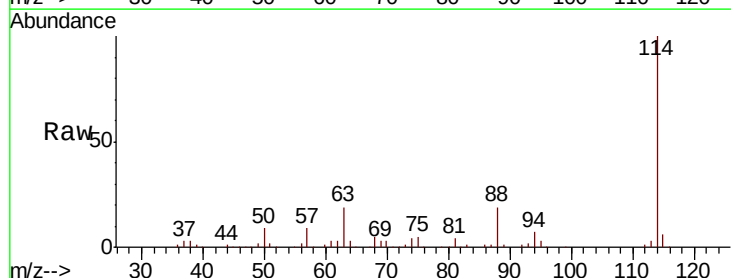
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

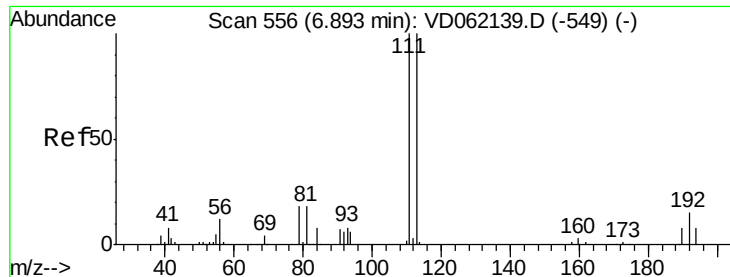
Tgt Ion: 65 Resp: 348118
 Ion Ratio Lower Upper
 65 100
 67 41.8 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion: 114 Resp: 921145
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 32.4
 88 18.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.669 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

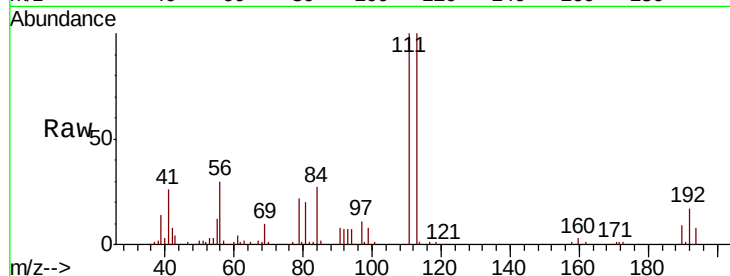
Tgt Ion:113 Resp: 394897

Ion Ratio Lower Upper

113 100

111 100.0 78.5 117.7

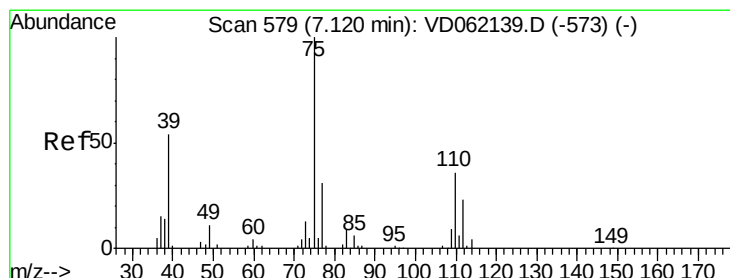
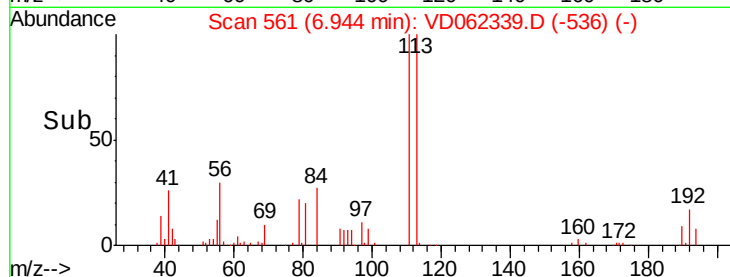
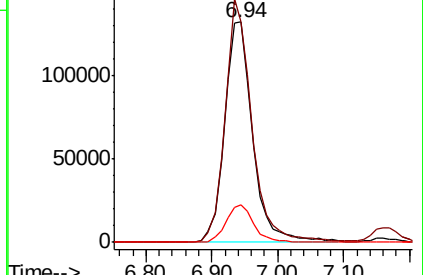
192 16.9 13.0 19.4



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: 55.605 ug/l

RT: 7.16 min Scan# 583

Delta R.T. 0.04 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

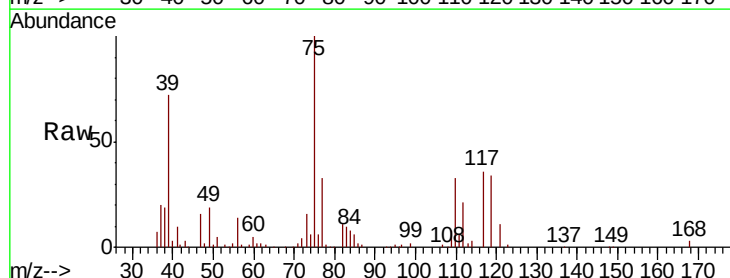
Tgt Ion: 75 Resp: 419961

Ion Ratio Lower Upper

75 100

110 32.9 19.1 57.1

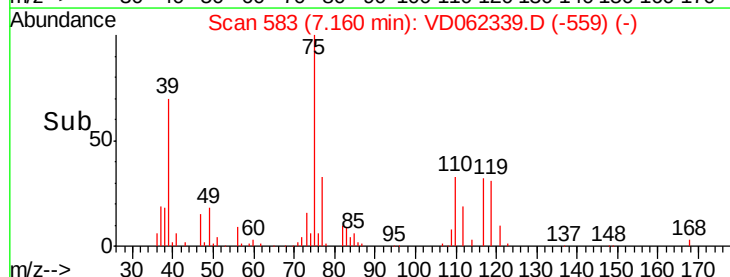
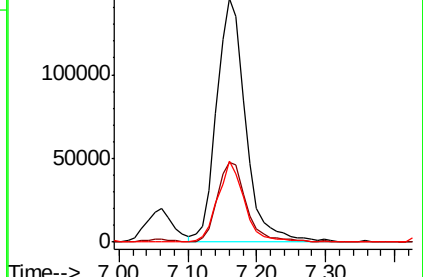
77 33.1 25.6 38.4

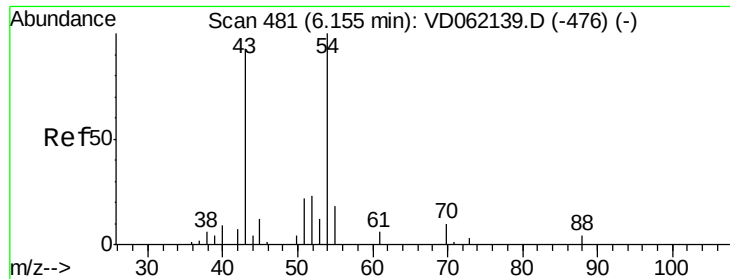


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 53.154 ug/l

RT: 6.20 min Scan# 485

Delta R.T. 0.04 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

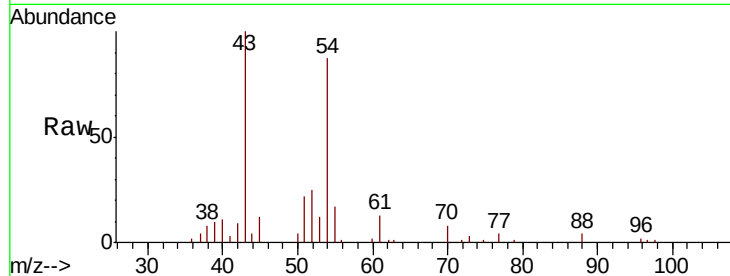
Tgt Ion: 43 Resp: 170248

Ion Ratio Lower Upper

43 100

61 13.0 14.7 22.1#

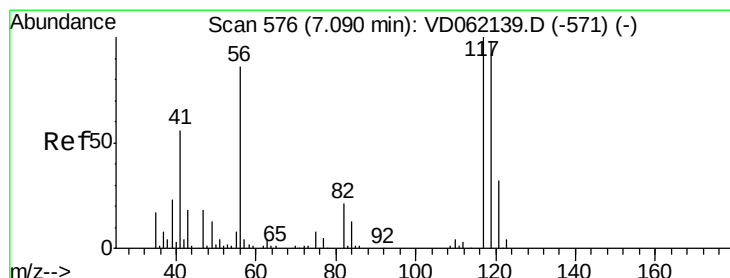
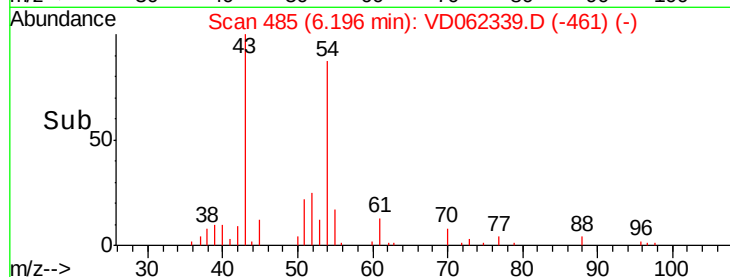
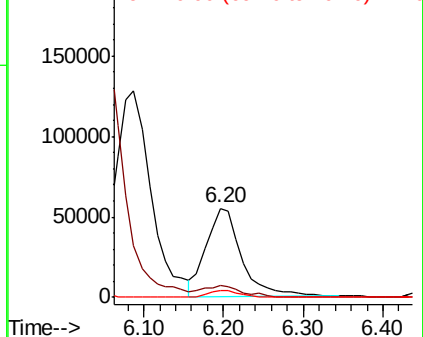
70 7.9 7.8 11.6



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: 69.987 ug/l

RT: 7.13 min Scan# 580

Delta R.T. 0.04 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

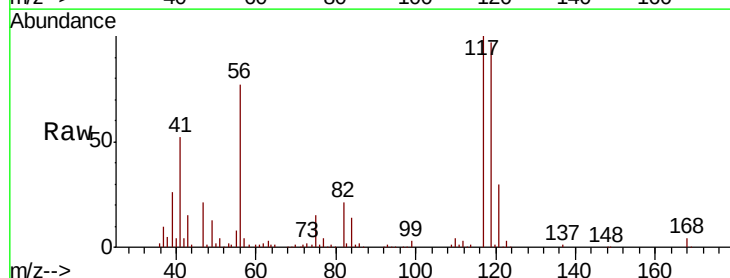
Tgt Ion: 117 Resp: 731595

Ion Ratio Lower Upper

117 100

119 97.0 75.8 113.8

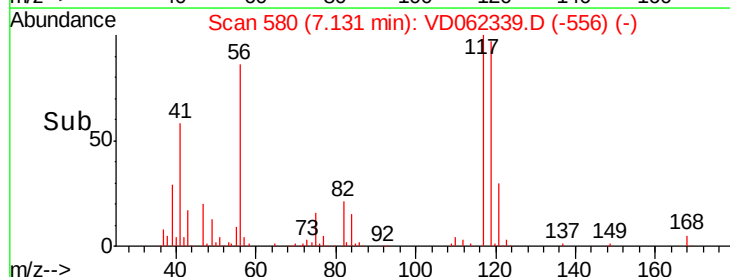
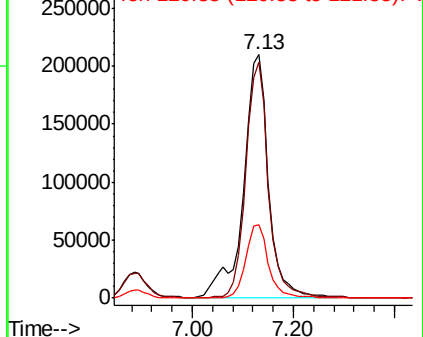
121 30.2 25.9 38.9

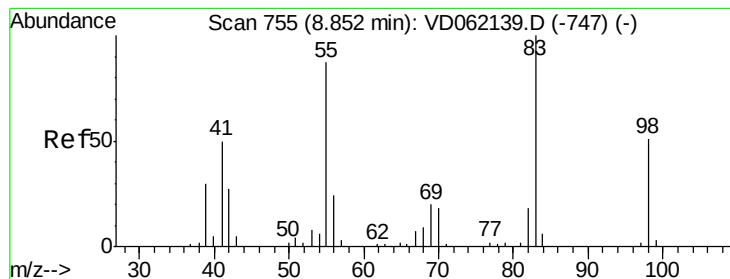


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#39

Methylcyclohexane

Concen: 50.966 ug/l

RT: 8.88 min Scan# 758

Delta R.T. 0.03 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

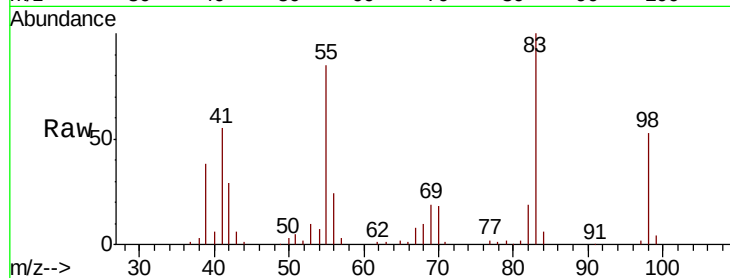
Tgt Ion: 83 Resp: 368802

Ion Ratio Lower Upper

83 100

55 85.1 68.2 102.4

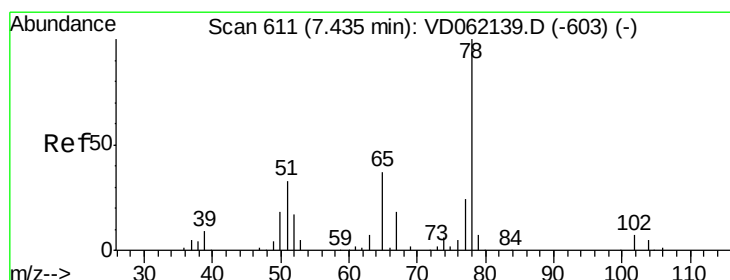
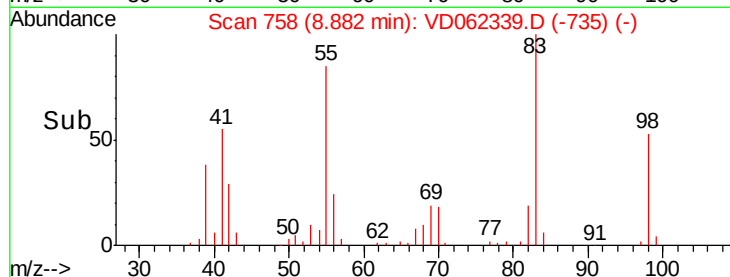
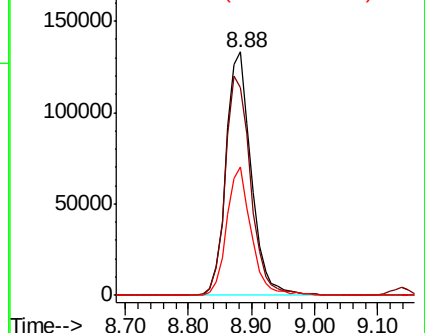
98 52.8 38.2 57.4



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 50.753 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.03 min

Lab File: VD062339.D

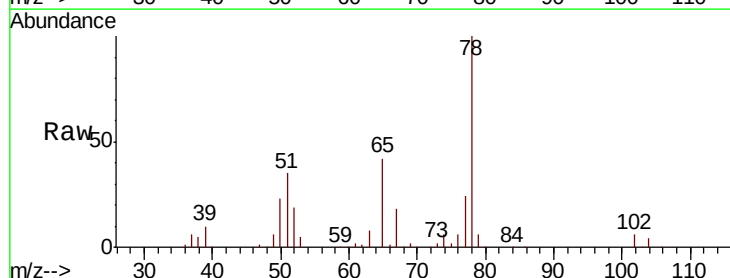
Acq: 14 May 2019 11:14

Tgt Ion: 78 Resp: 865570

Ion Ratio Lower Upper

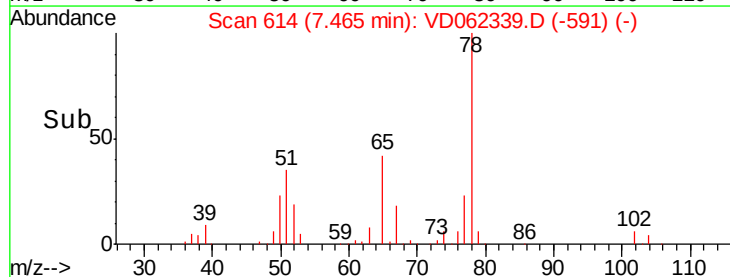
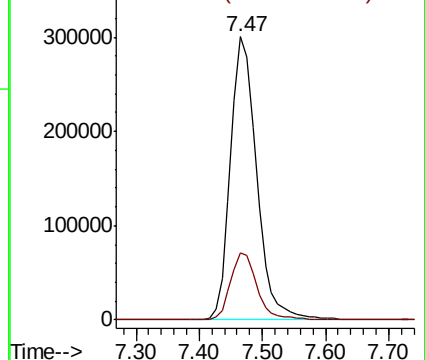
78 100

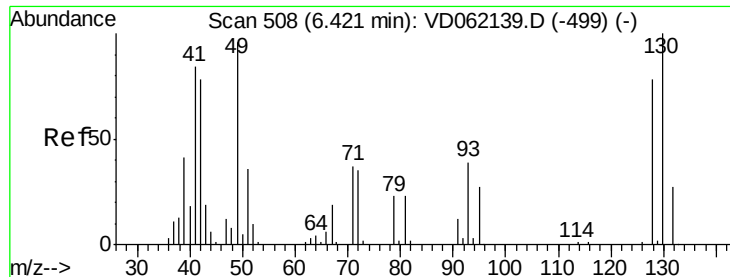
77 23.9 19.7 29.5



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

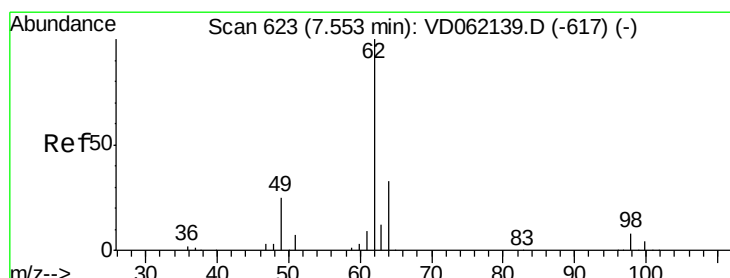
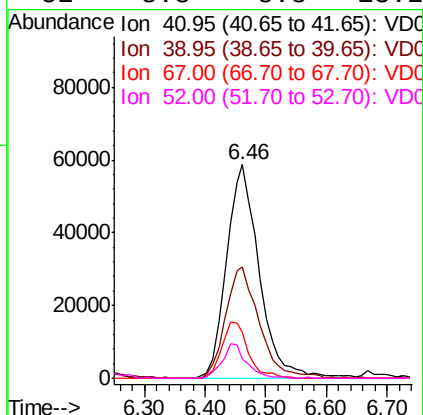
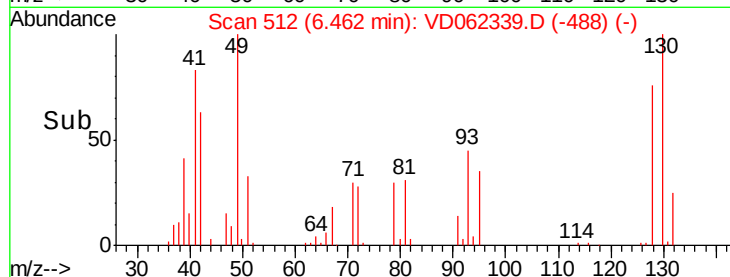
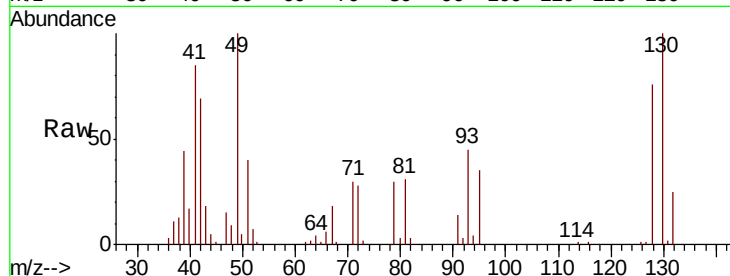




#41
Methacrylonitrile
Concen: 55.812 ug/l
RT: 6.46 min Scan# 512
Delta R.T. 0.04 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

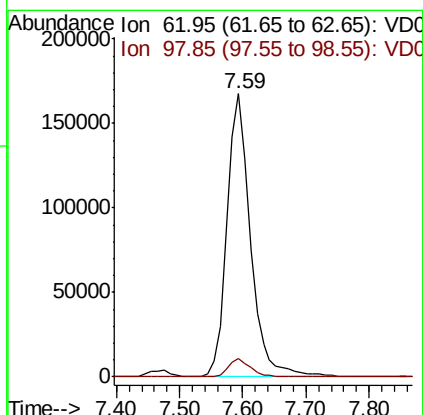
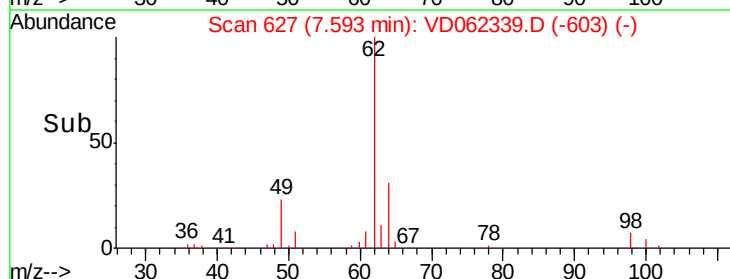
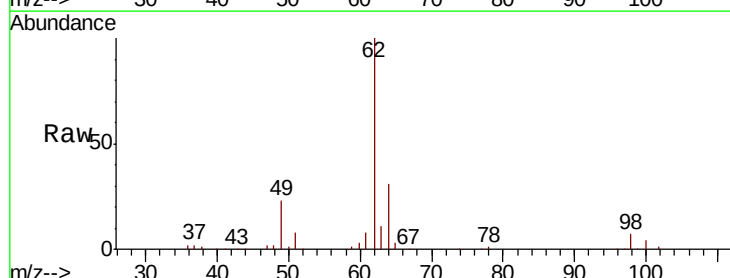
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

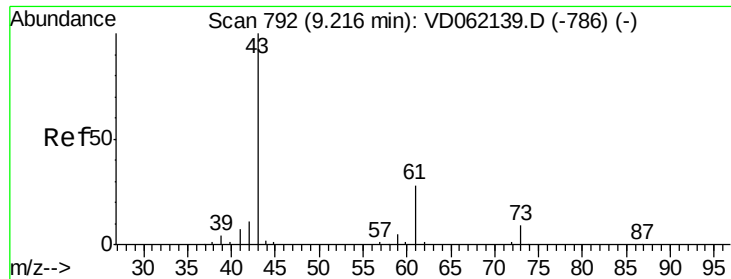
Tgt Ion: 41 Resp: 218456
Ion Ratio Lower Upper
41 100
39 52.3 34.1 51.1#
67 21.8 23.8 35.6#
52 8.8 8.8 13.2



#42
1,2-Dichloroethane
Concen: 59.335 ug/l
RT: 7.59 min Scan# 627
Delta R.T. 0.04 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 62 Resp: 428734
Ion Ratio Lower Upper
62 100
98 6.6 0.0 17.8

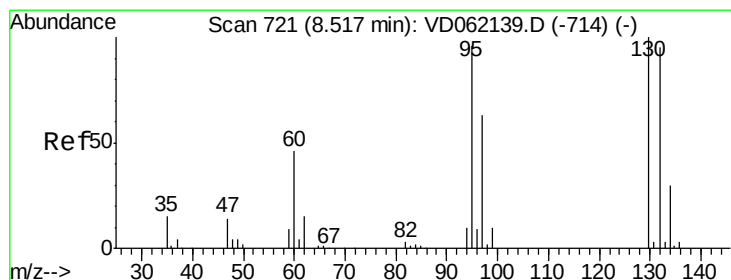
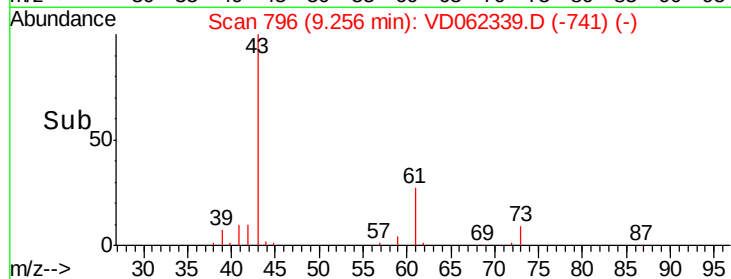
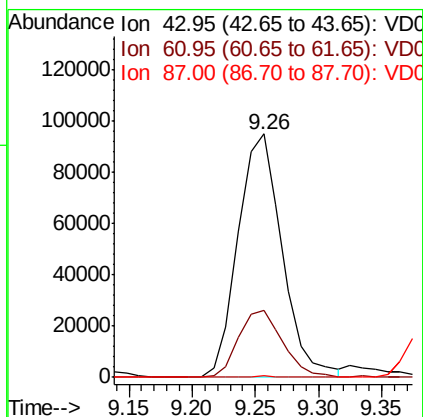
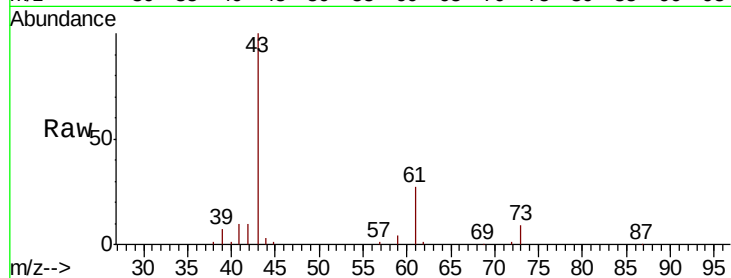




#43
Isopropyl Acetate
Concen: 50.775 ug/l
RT: 9.26 min Scan# 796
Delta R.T. 0.04 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

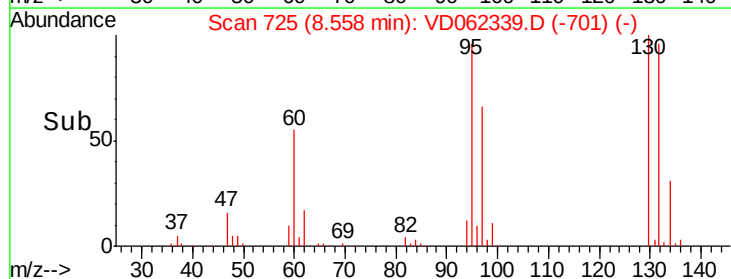
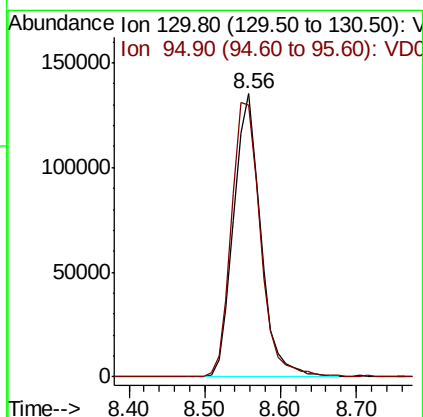
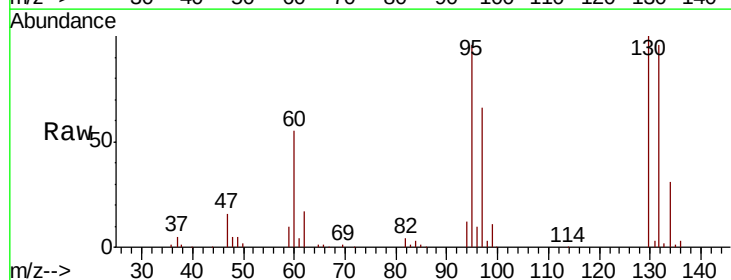
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

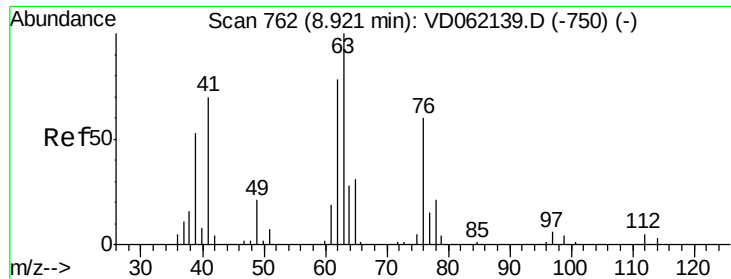
Tgt Ion: 43 Resp: 230645
Ion Ratio Lower Upper
43 100
61 27.4 25.1 37.7
87 0.5 0.0 0.0#



#44
Trichloroethene
Concen: 51.375 ug/l
RT: 8.56 min Scan# 725
Delta R.T. 0.04 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 130 Resp: 333868
Ion Ratio Lower Upper
130 100
95 96.2 0.0 174.0

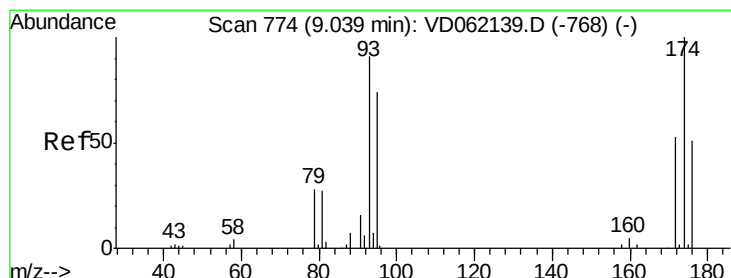
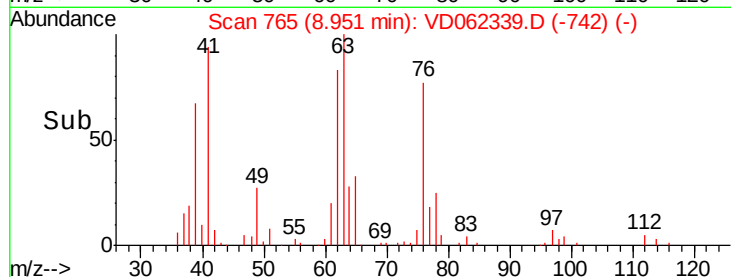
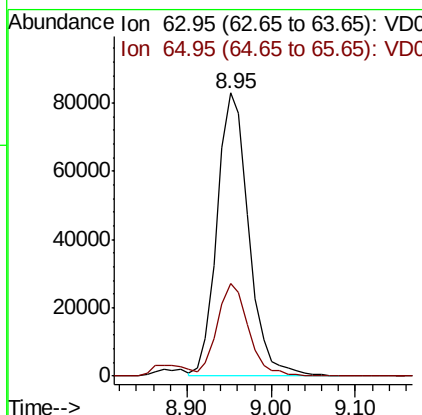
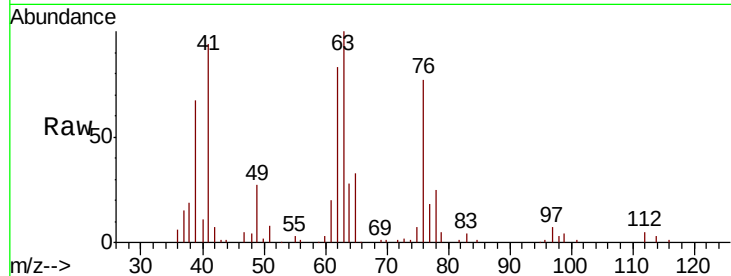




#45
 1,2-Dichloropropane
 Concen: 51.364 ug/l
 RT: 8.95 min Scan# 765
 Delta R.T. 0.03 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

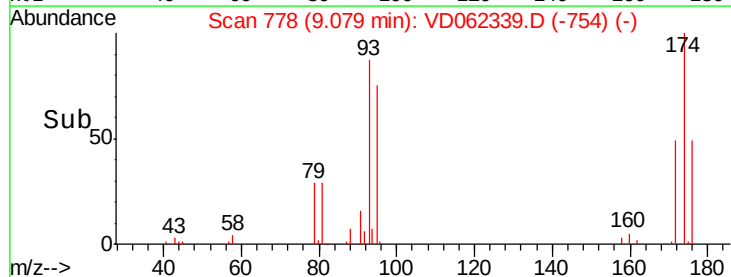
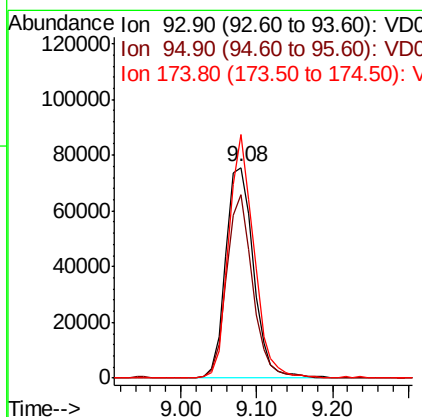
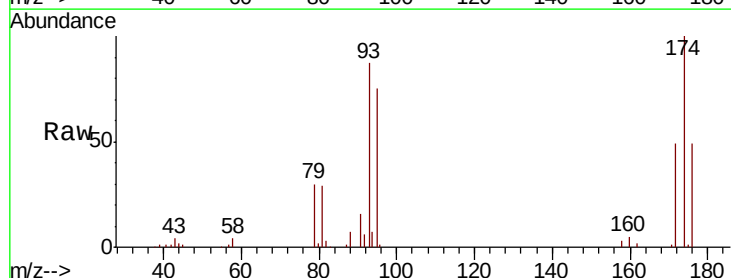
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

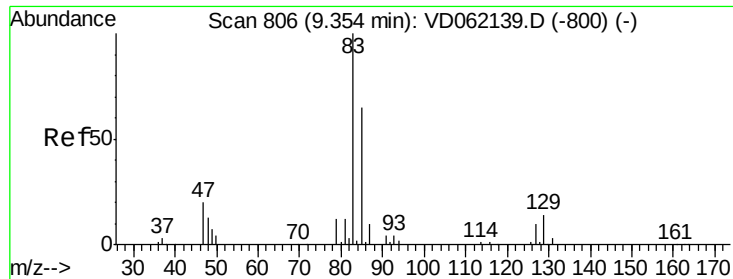
Tgt Ion: 63 Resp: 216675
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.8 35.6



#46
 Dibromomethane
 Concen: 55.884 ug/l
 RT: 9.08 min Scan# 778
 Delta R.T. 0.04 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion: 93 Resp: 191704
 Ion Ratio Lower Upper
 93 100
 95 87.1 64.8 97.2
 174 115.5 79.3 118.9





#47

Bromodichloromethane

Concen: 64.184 ug/l

RT: 9.39 min Scan# 810

Delta R.T. 0.04 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

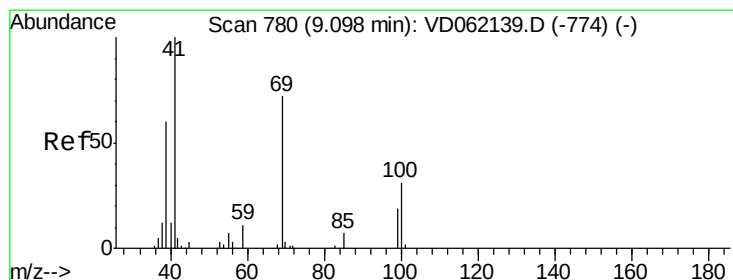
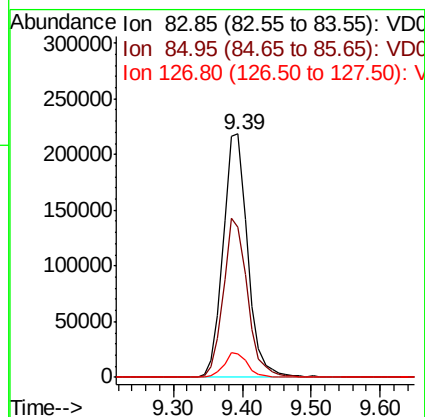
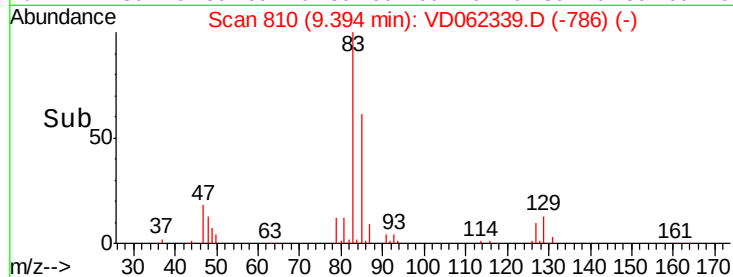
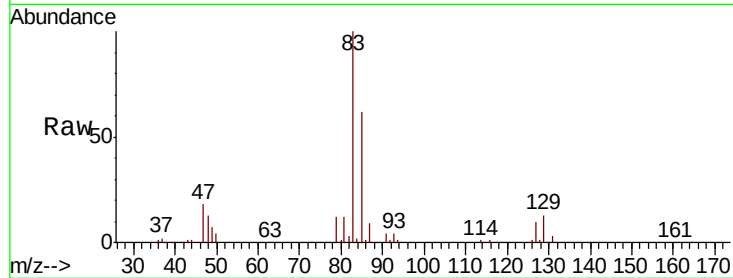
Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	538557
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.9	76.3
127	9.9	8.1	12.1



#48

Methyl methacrylate

Concen: 51.920 ug/l

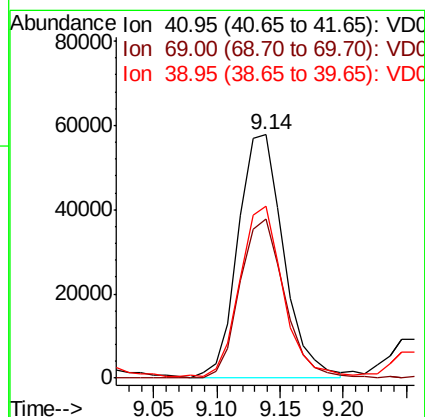
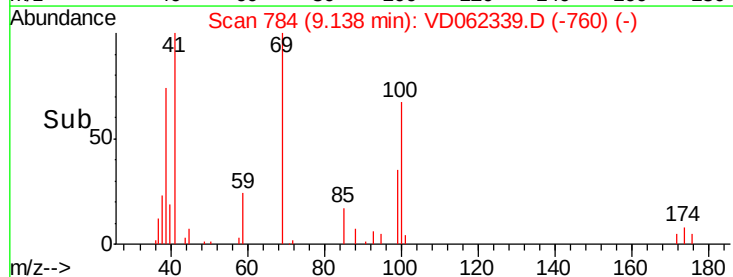
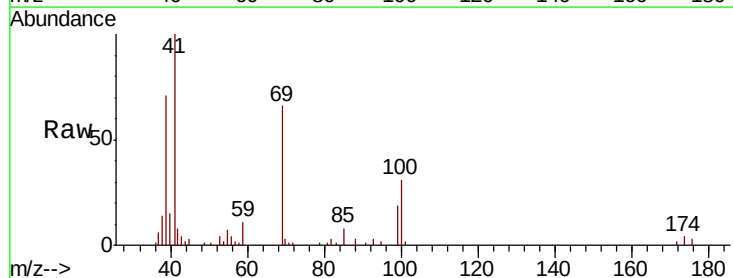
RT: 9.14 min Scan# 784

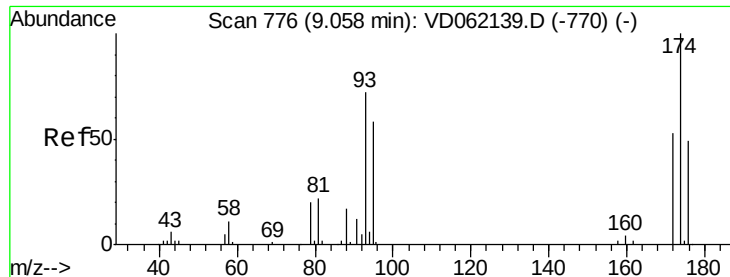
Delta R.T. 0.04 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Tgt Ion:	41	Resp:	145270
Ion	Ratio	Lower	Upper
41	100		
69	65.6	64.2	96.2
39	70.7	46.8	70.2#

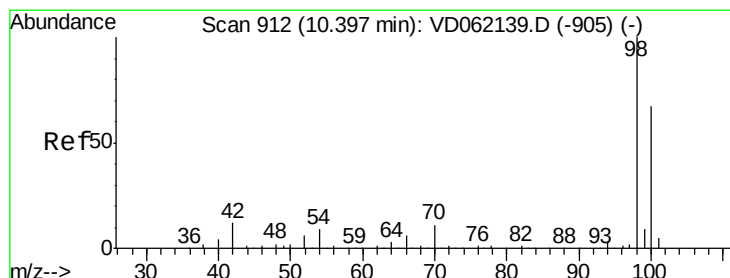
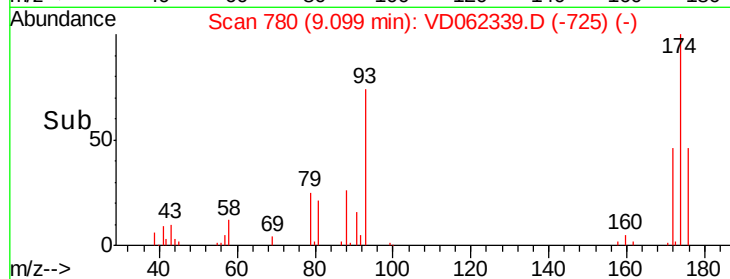
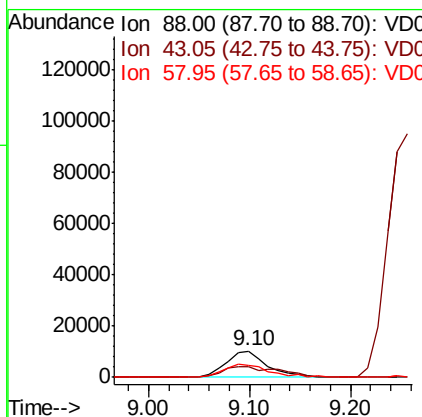
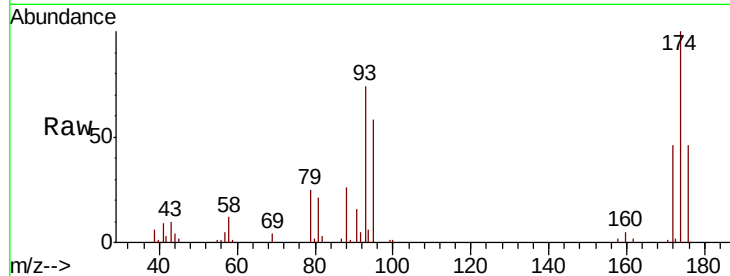




#49
 1,4-Dioxane
 Concen: 956.384 ug/l
 RT: 9.10 min Scan# 780
 Delta R.T. 0.04 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

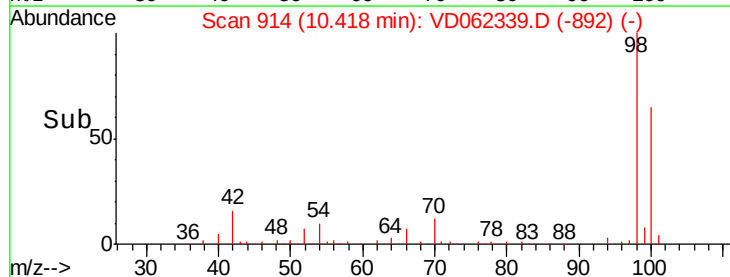
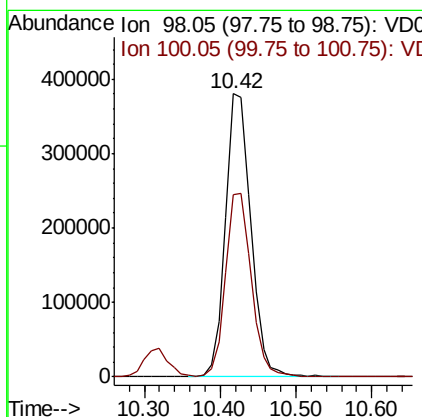
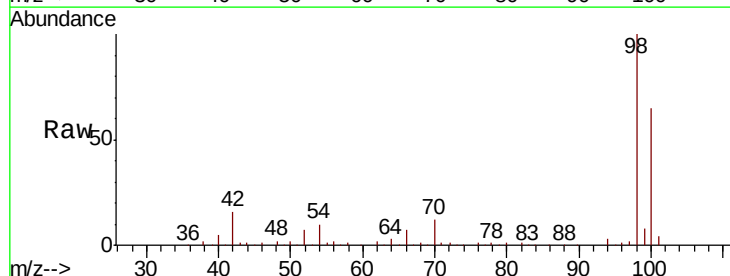
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

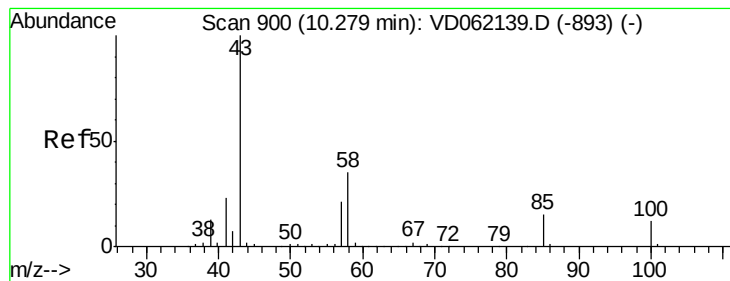
Tgt Ion: 88 Resp: 28872
 Ion Ratio Lower Upper
 88 100
 43 39.0 23.4 35.0#
 58 47.8 44.0 66.0



#50
 Toluene-d8
 Concen: 47.926 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.02 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion: 98 Resp: 883151
 Ion Ratio Lower Upper
 98 100
 100 64.6 53.8 80.8





#51

4-Methyl-2-Pentanone

Concen: 267.144 ug/l

RT: 10.31 min Scan# 903

Delta R.T. 0.03 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

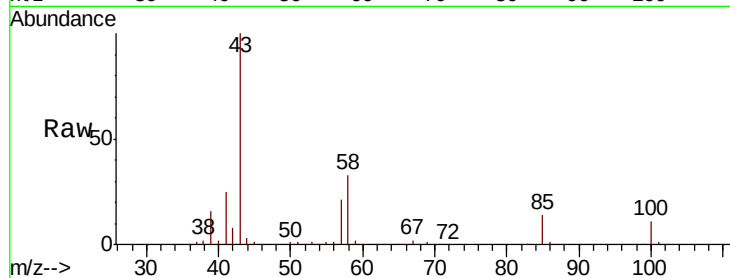
VSTDCCC050

Tgt Ion: 43 Resp: 780042

Ion Ratio Lower Upper

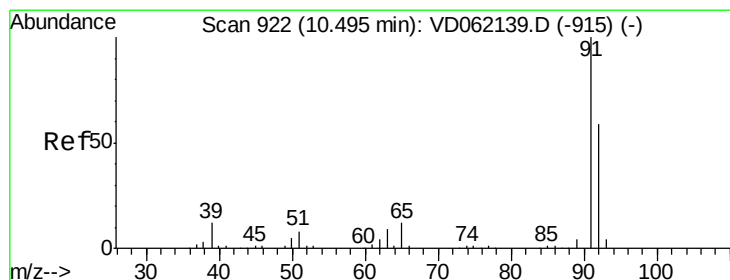
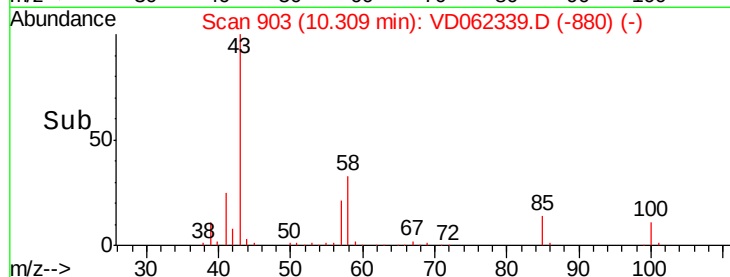
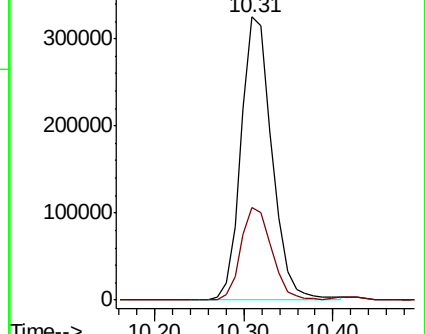
43 100

58 32.7 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 51.197 ug/l

RT: 10.53 min Scan# 925

Delta R.T. 0.03 min

Lab File: VD062339.D

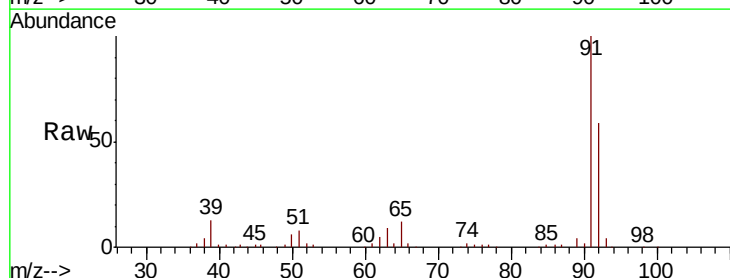
Acq: 14 May 2019 11:14

Tgt Ion: 92 Resp: 568103

Ion Ratio Lower Upper

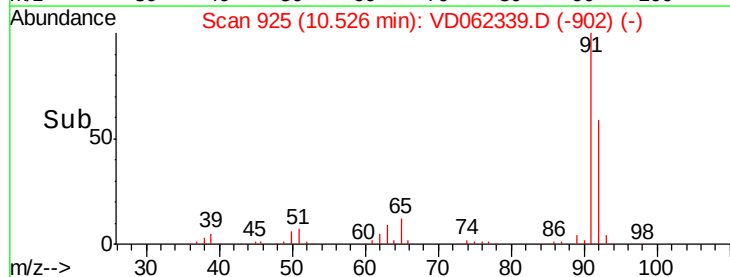
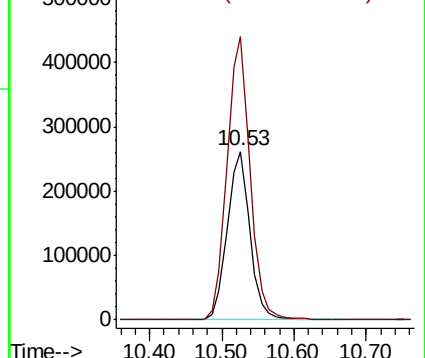
92 100

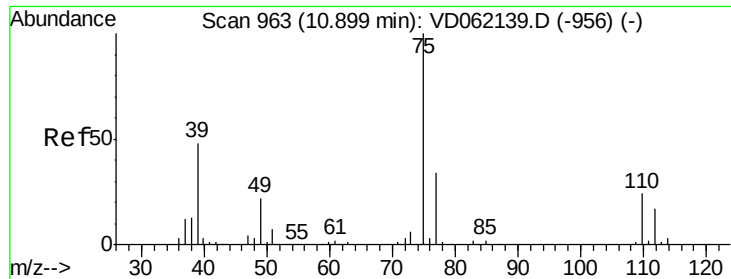
91 168.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

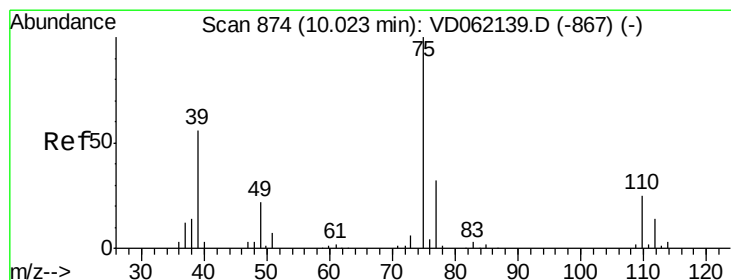
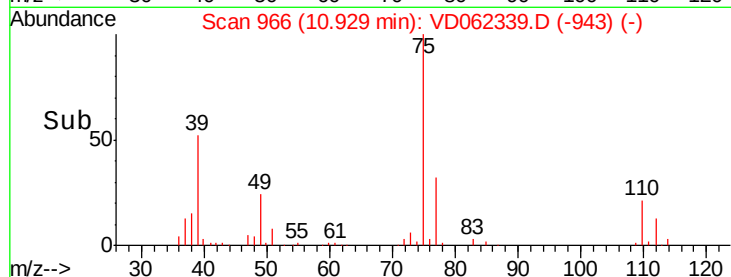
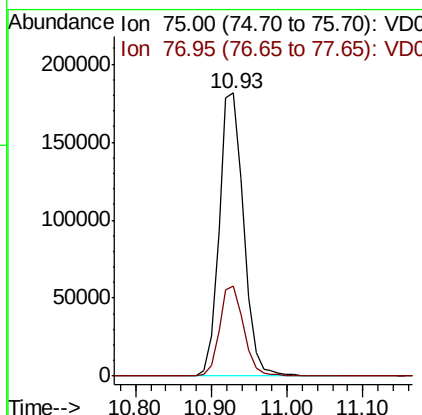
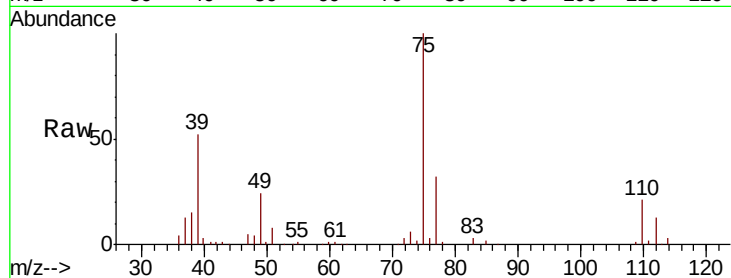




#53
 t-1,3-Dichloropropene
 Concen: 56.061 ug/l
 RT: 10.93 min Scan# 966
 Delta R.T. 0.03 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

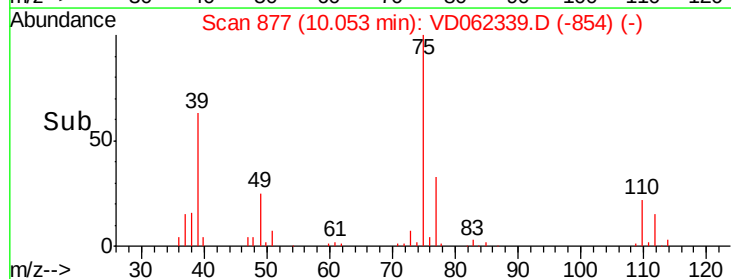
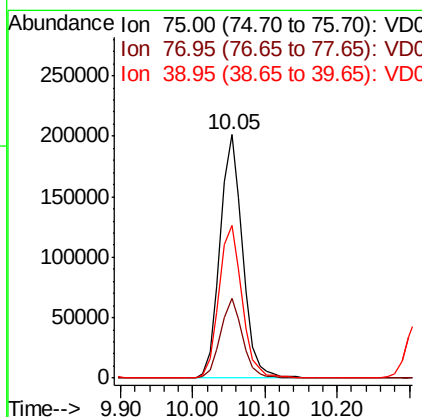
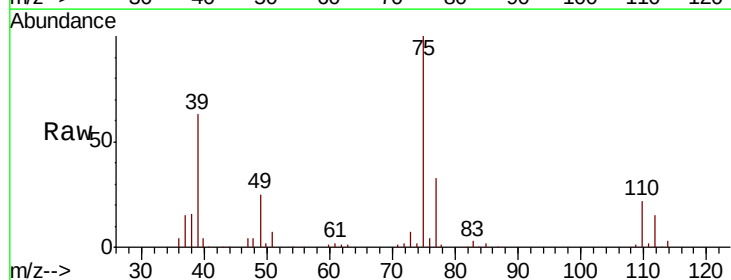
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

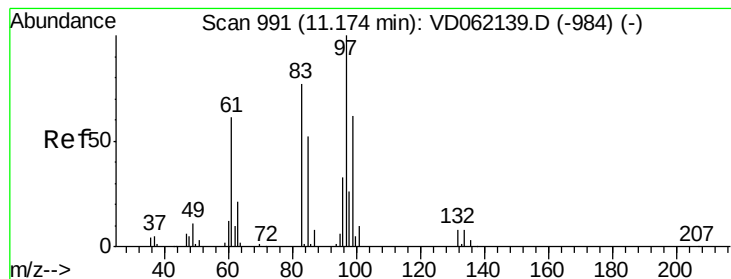
Tgt Ion: 75 Resp: 406557
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.829 ug/l
 RT: 10.05 min Scan# 877
 Delta R.T. 0.03 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion: 75 Resp: 433773
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.5 38.3
 39 62.6 39.4 59.2#





#55

1,1,2-Trichloroethane

Concen: 53.276 ug/l

RT: 11.20 min Scan# 994

Delta R.T. 0.03 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 209170

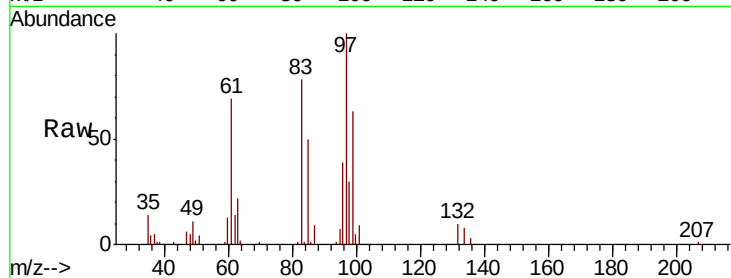
Ion Ratio Lower Upper

97 100

83 77.6 65.7 98.5

85 50.2 45.6 68.4

99 63.1 48.4 72.6



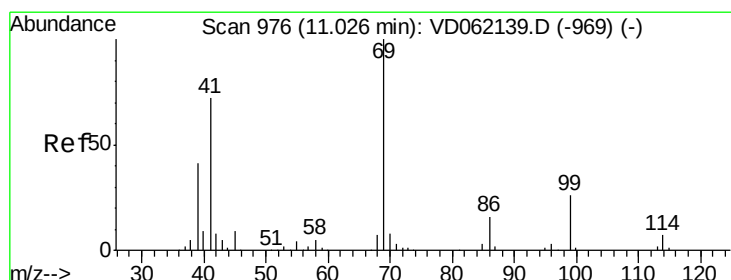
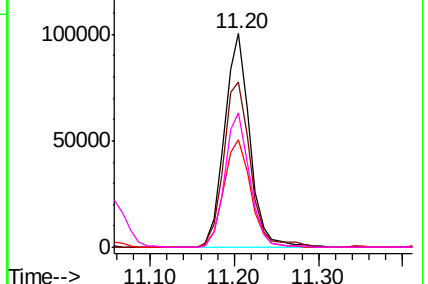
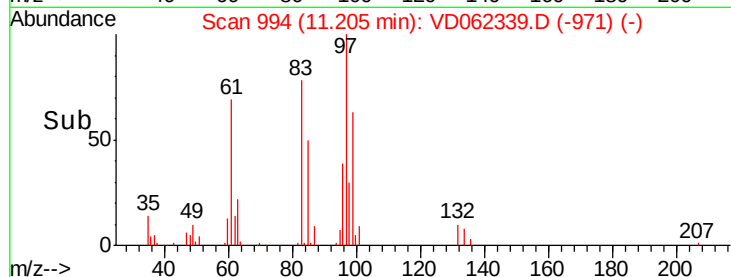
Abundance

Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 50.409 ug/l

RT: 11.05 min Scan# 978

Delta R.T. 0.02 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

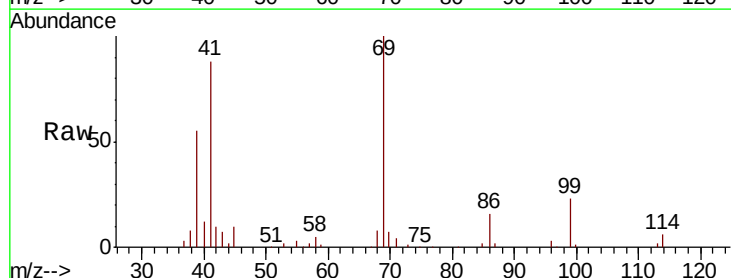
Tgt Ion: 69 Resp: 205662

Ion Ratio Lower Upper

69 100

41 88.5 56.3 84.5#

39 55.4 29.4 44.2#

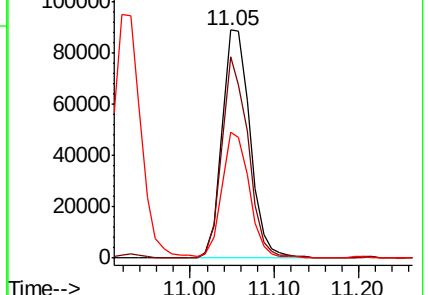
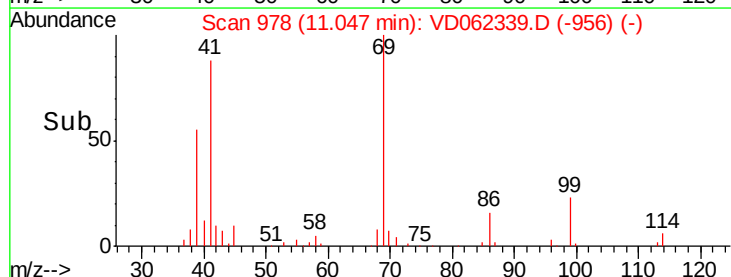


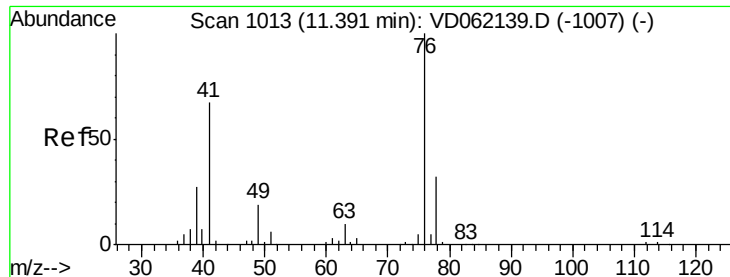
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

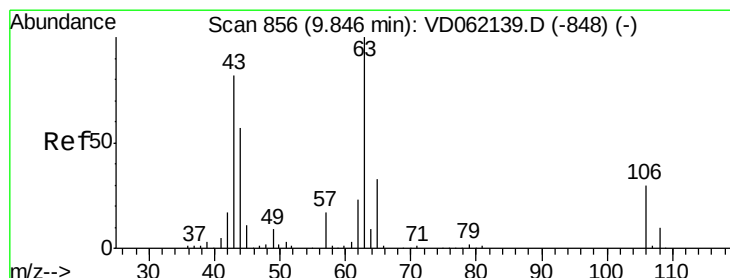
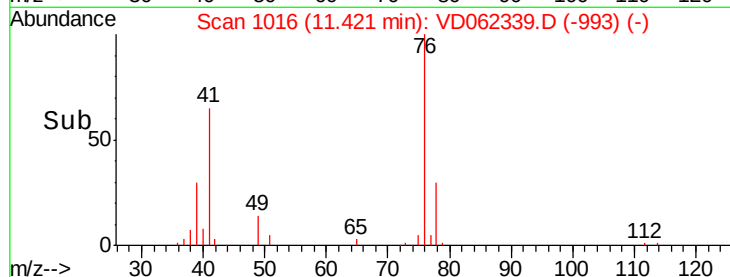
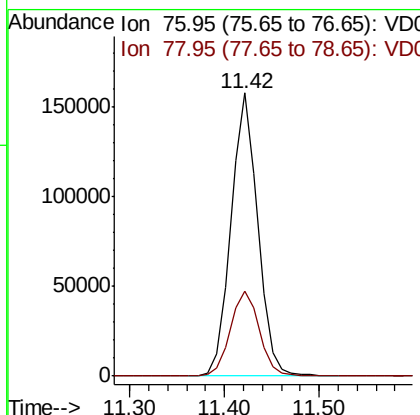
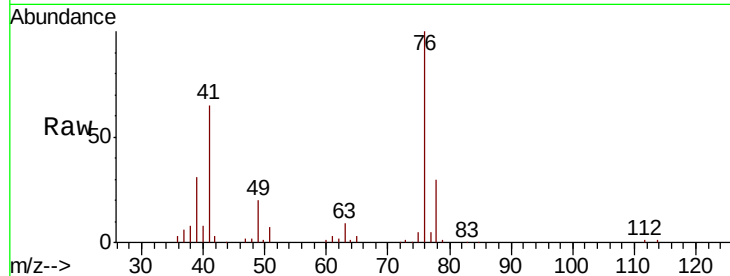




#57
 1,3-Dichloropropane
 Concen: 52.064 ug/l
 RT: 11.42 min Scan# 1016
 Delta R.T. 0.03 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

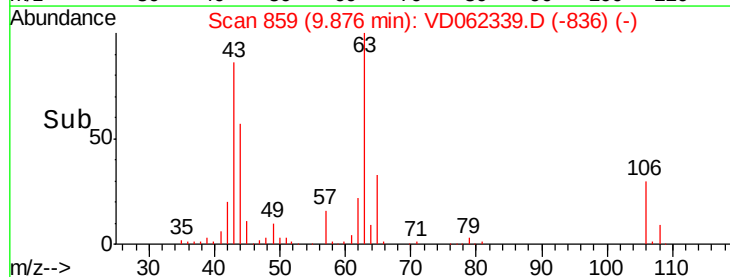
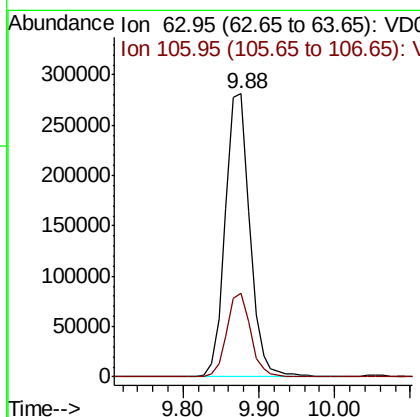
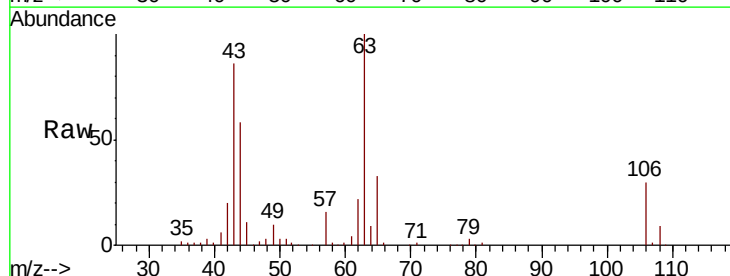
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

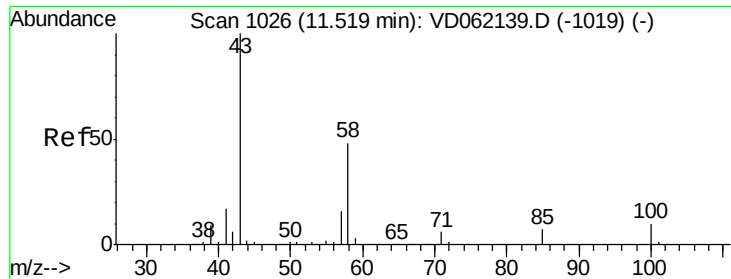
Tgt Ion: 76 Resp: 308812
 Ion Ratio Lower Upper
 76 100
 78 30.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.971 ug/l
 RT: 9.88 min Scan# 859
 Delta R.T. 0.03 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion: 63 Resp: 632844
 Ion Ratio Lower Upper
 63 100
 106 29.7 22.6 34.0

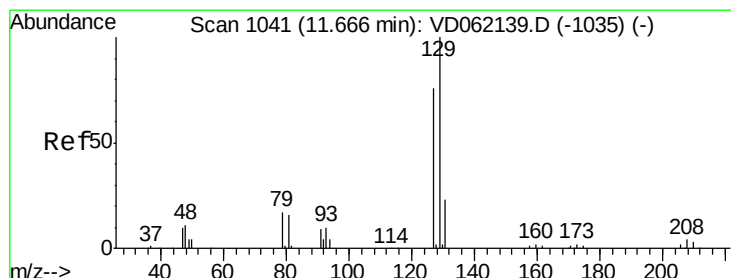
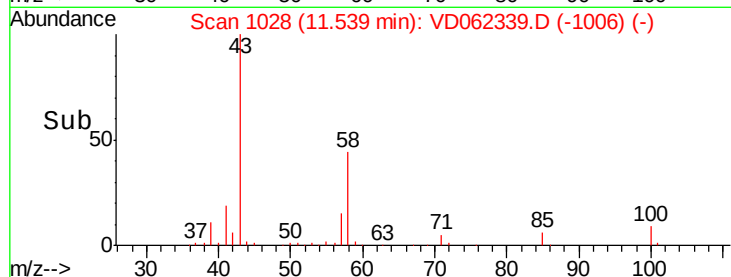
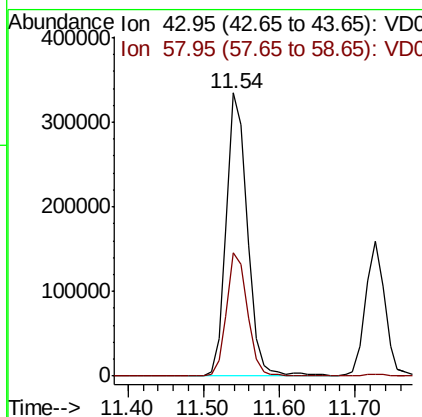
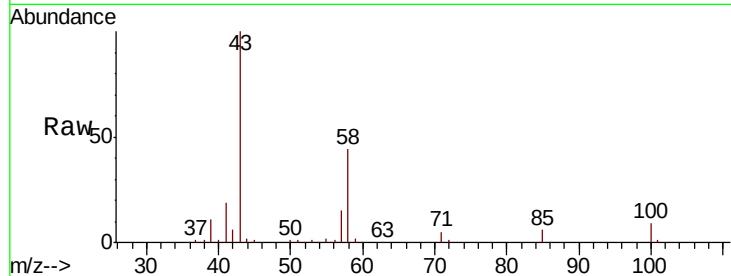




#59
2-Hexanone
Concen: 299.957 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

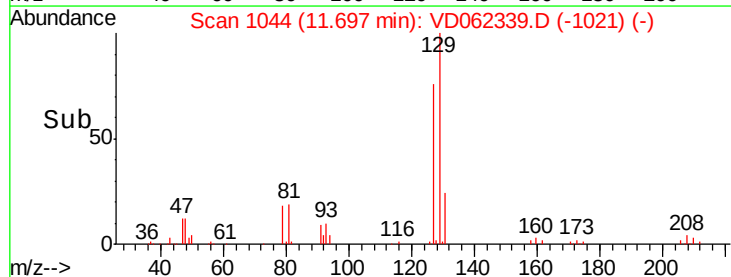
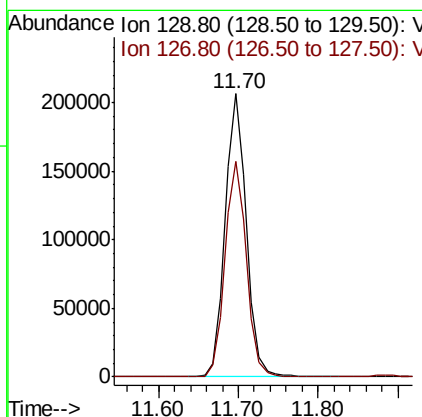
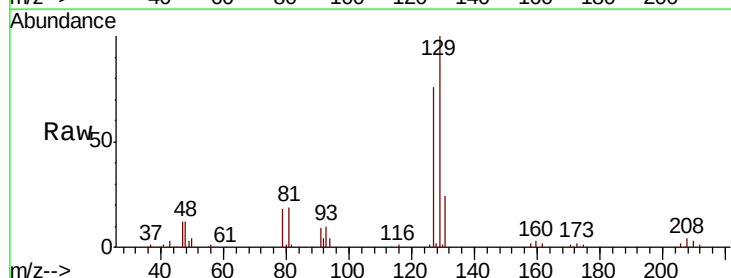
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

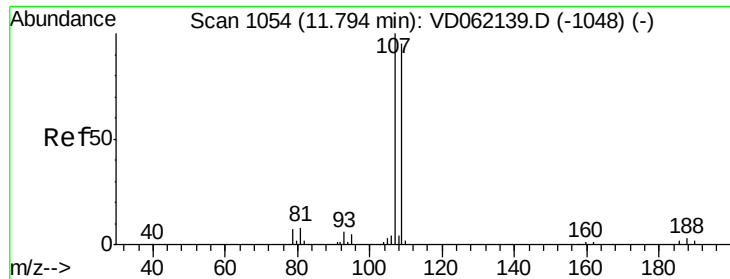
Tgt Ion: 43 Resp: 645536
Ion Ratio Lower Upper
43 100
58 43.6 25.4 76.4



#60
Dibromochloromethane
Concen: 56.823 ug/l
RT: 11.70 min Scan# 1044
Delta R.T. 0.03 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 129 Resp: 385557
Ion Ratio Lower Upper
129 100
127 76.3 38.0 113.9





#61

1,2-Dibromoethane

Concen: 51.138 ug/l

RT: 11.81 min Scan# 1056

Delta R.T. 0.02 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

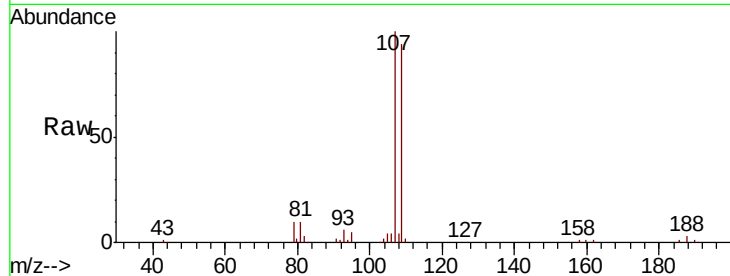
VSTDCCC050

Tgt Ion: 107 Resp: 244097

Ion Ratio Lower Upper

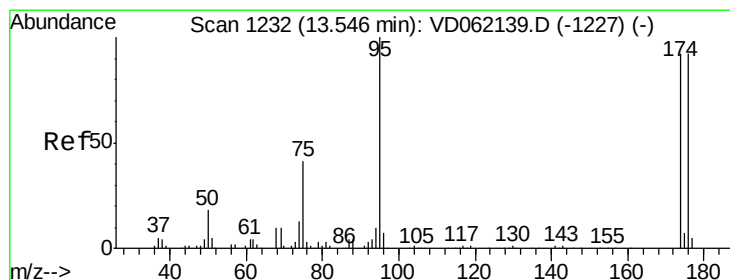
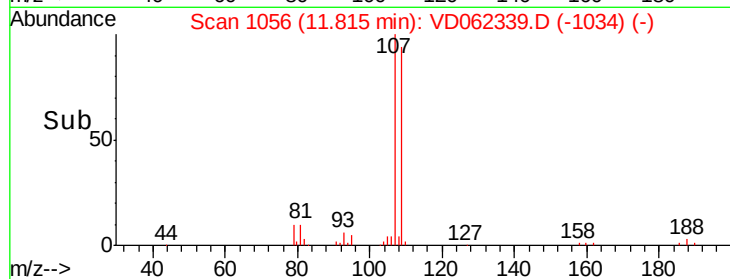
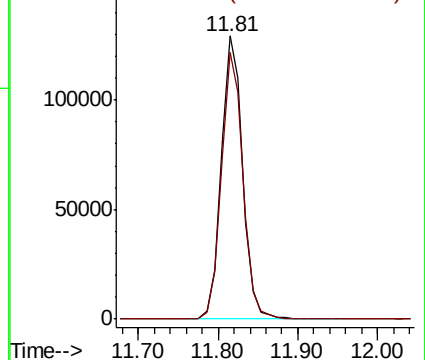
107 100

109 94.1 78.3 117.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 52.601 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

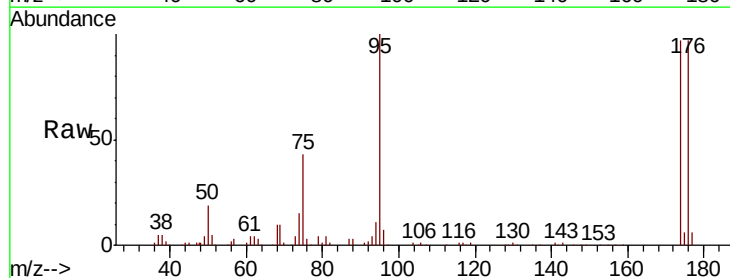
Tgt Ion: 95 Resp: 389235

Ion Ratio Lower Upper

95 100

174 97.3 0.0 181.8

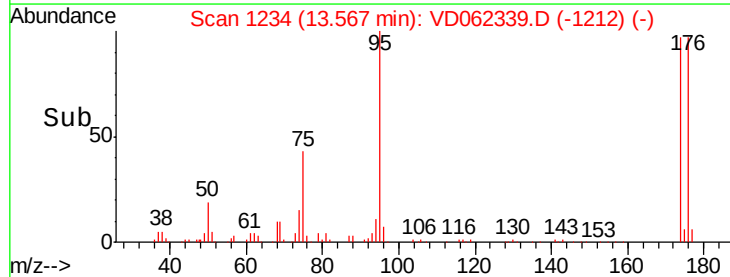
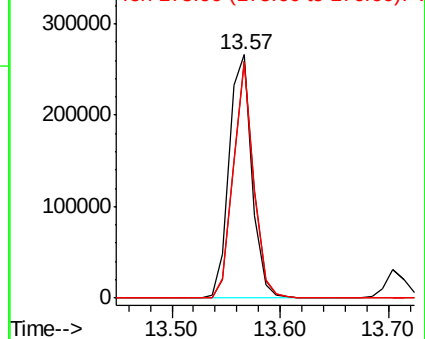
176 96.7 0.0 174.4

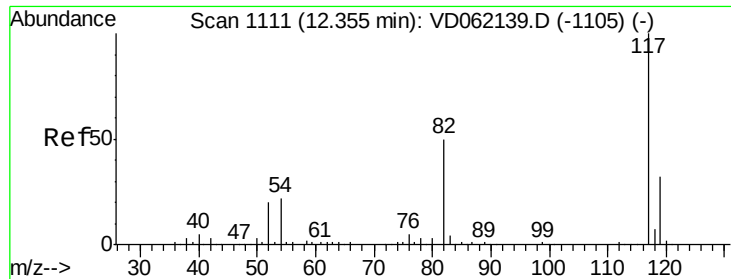


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

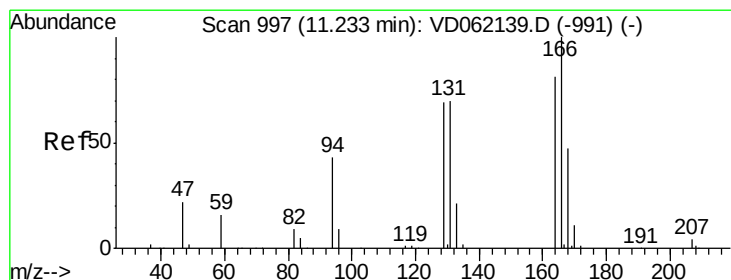
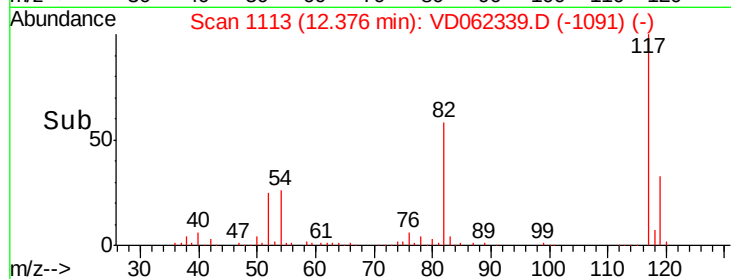
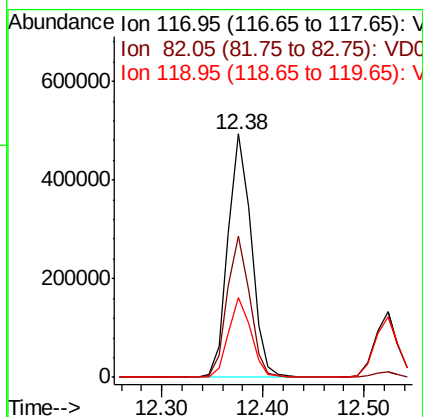
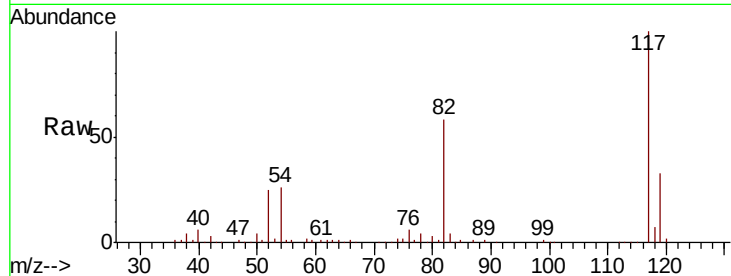




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

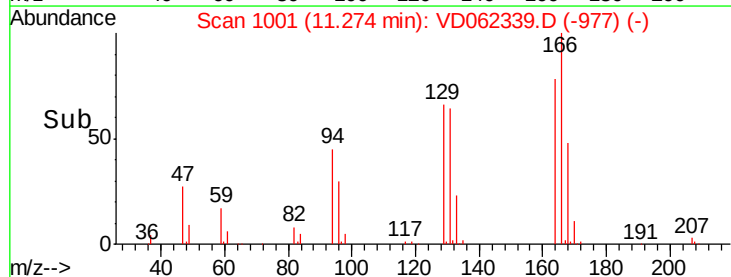
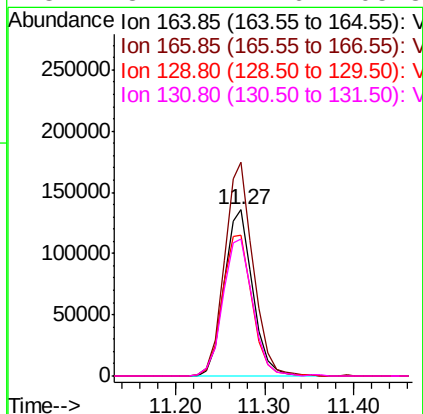
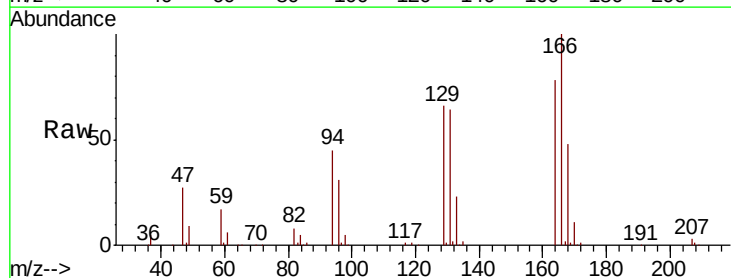
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

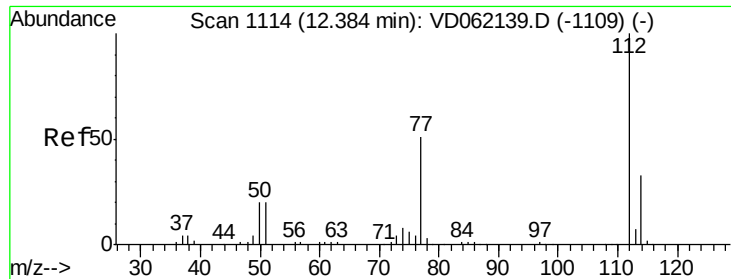
Tgt Ion:117 Resp: 790618
Ion Ratio Lower Upper
117 100
82 57.9 36.2 54.2#
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 49.157 ug/l
RT: 11.27 min Scan# 1001
Delta R.T. 0.04 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion:164 Resp: 303903
Ion Ratio Lower Upper
164 100
166 128.8 101.5 152.3
129 84.9 74.6 112.0
131 82.4 72.6 108.8

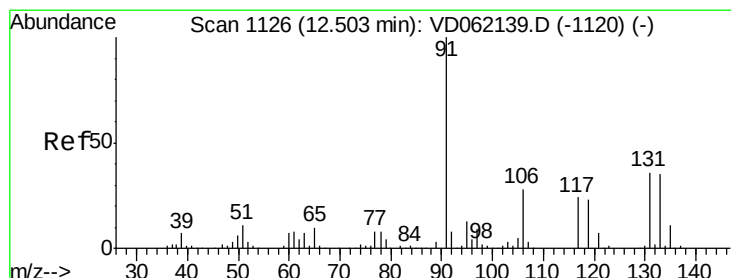
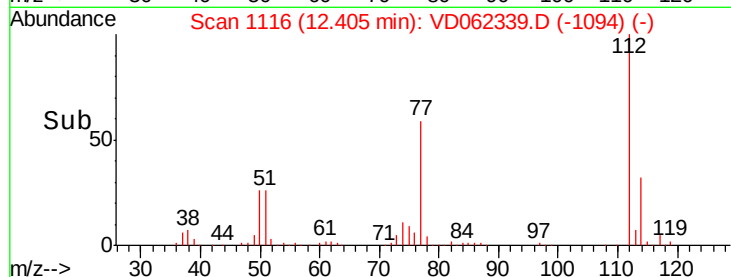
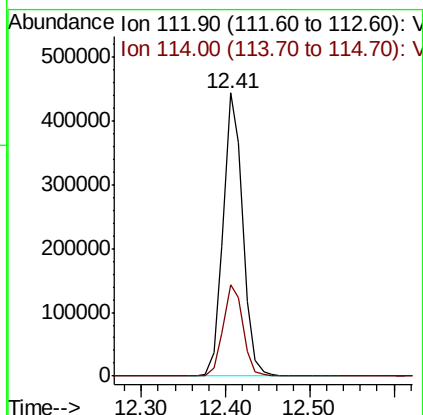
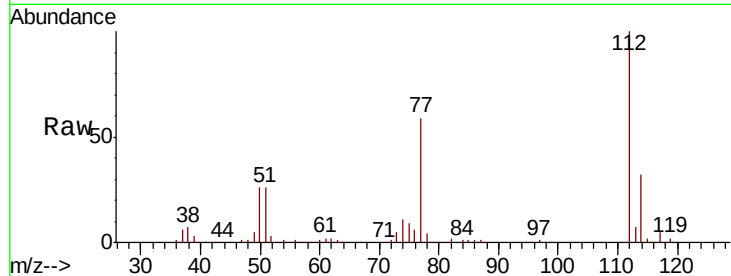




#65
Chlorobenzene
Concen: 48.468 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

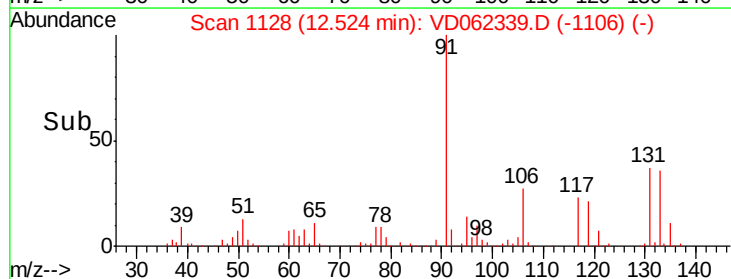
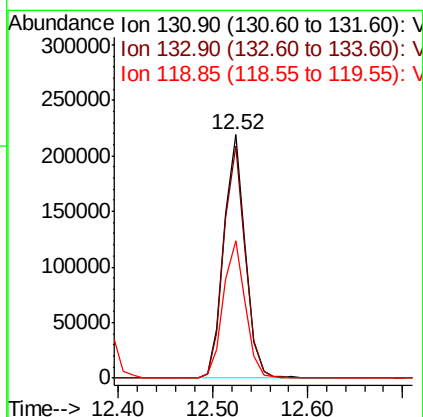
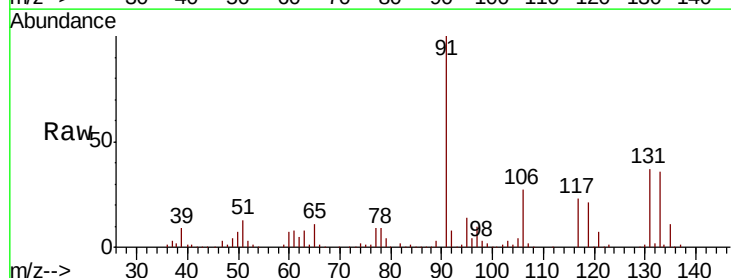
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

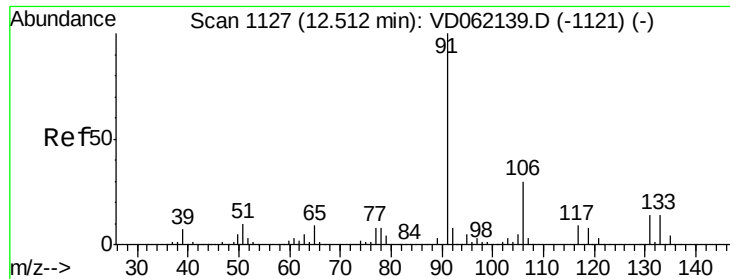
Tgt Ion:112 Resp: 713717
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.349 ug/l
RT: 12.52 min Scan# 1128
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion:131 Resp: 341898
Ion Ratio Lower Upper
131 100
133 95.5 48.6 145.8
119 56.4 34.7 104.1

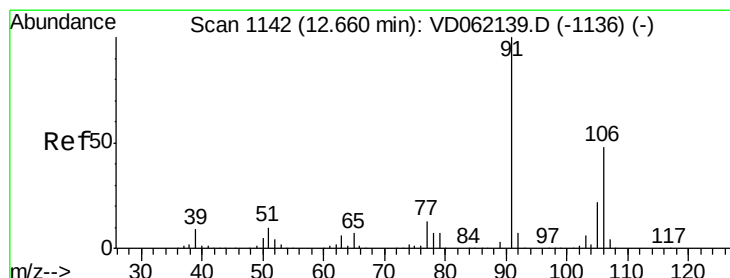
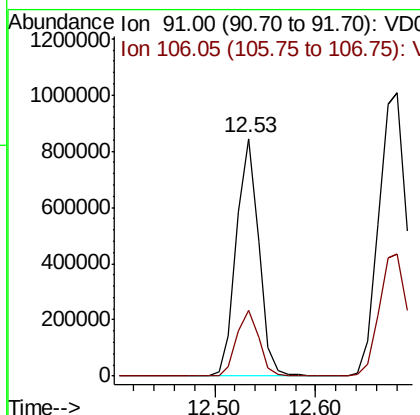
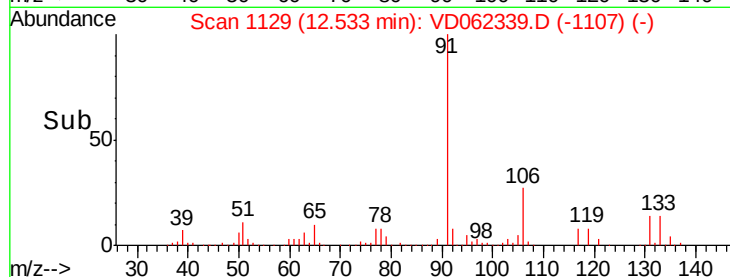
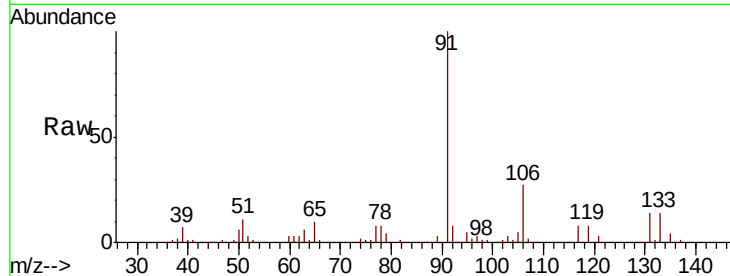




#67
Ethyl Benzene
Concen: 53.011 ug/l
RT: 12.53 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

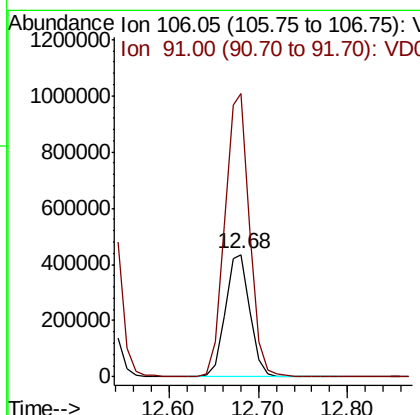
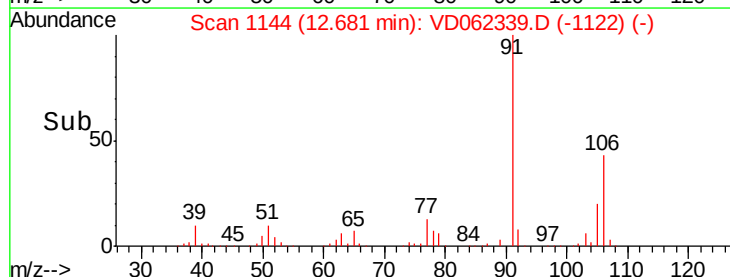
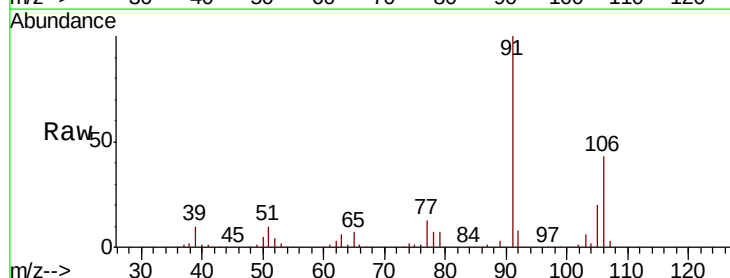
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

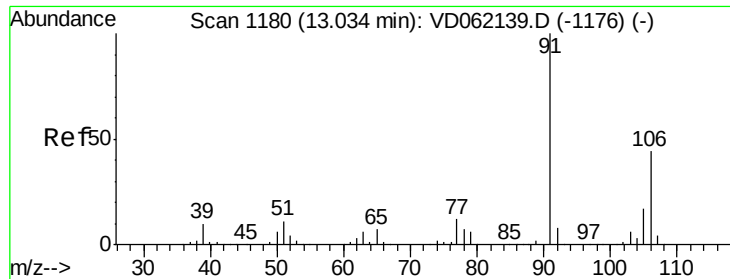
Tgt Ion: 91 Resp: 1306853
Ion Ratio Lower Upper
91 100
106 27.5 24.7 37.1



#68
m/p-Xylenes
Concen: 94.516 ug/l
RT: 12.68 min Scan# 1144
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 106 Resp: 847739
Ion Ratio Lower Upper
106 100
91 231.2 164.0 246.0

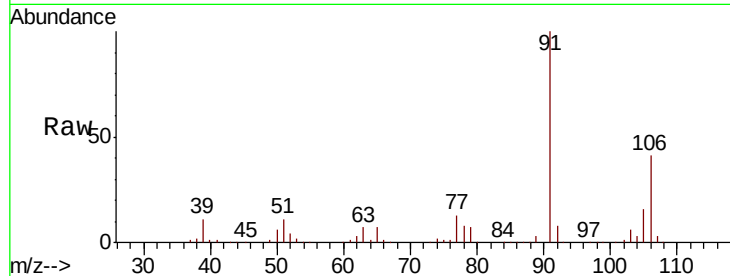




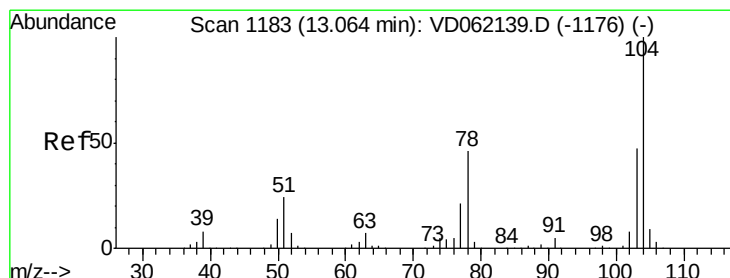
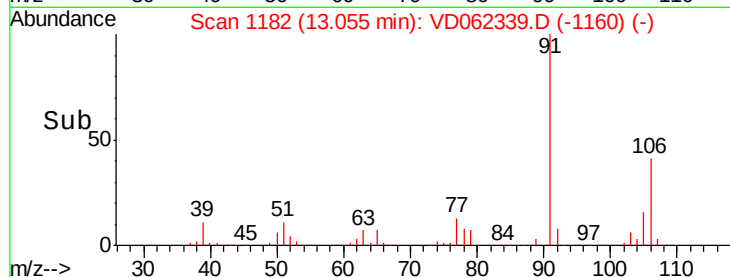
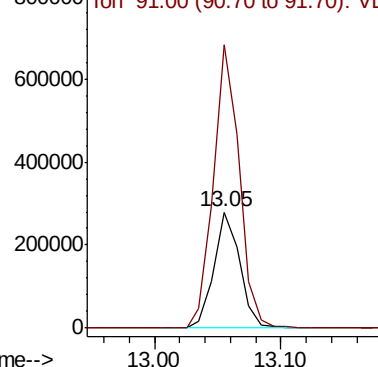
#69
o-Xylene
Concen: 47.378 ug/l
RT: 13.05 min Scan# 1182
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 395066
Ion Ratio Lower Upper
106 100
91 244.7 106.7 319.9

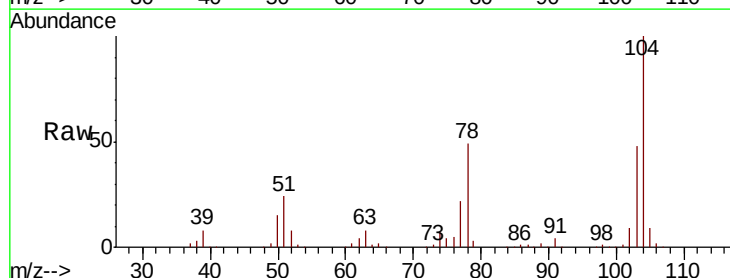


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

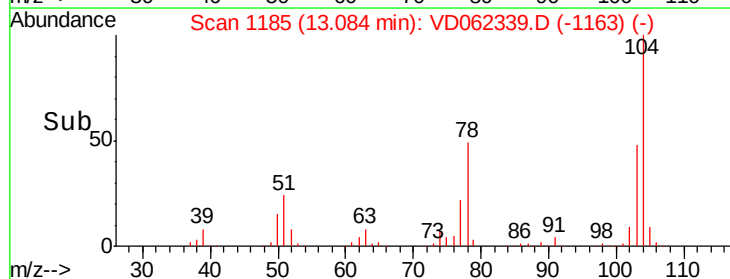
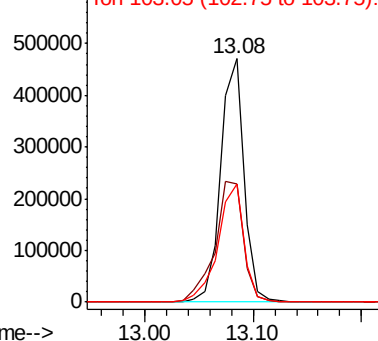


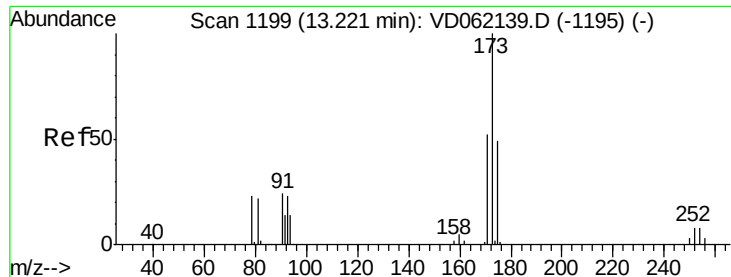
#70
Styrene
Concen: 49.705 ug/l
RT: 13.08 min Scan# 1185
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion:104 Resp: 702114
Ion Ratio Lower Upper
104 100
78 48.7 35.4 53.2
103 48.4 37.5 56.3



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





#71

Bromoform

Concen: 48.739 ug/l

RT: 13.24 min Scan# 1201

Delta R.T. 0.02 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

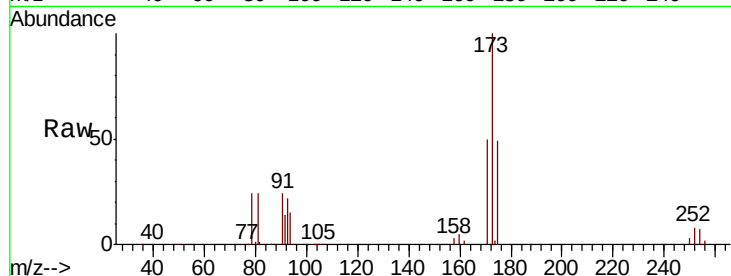
Tgt Ion:173 Resp: 217319

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

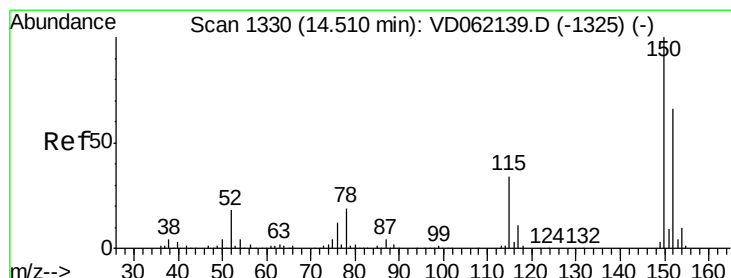
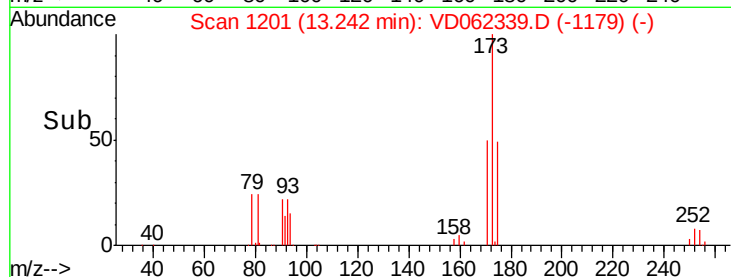
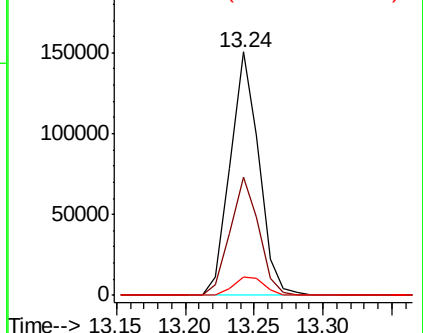
254 7.5 5.4 8.2



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

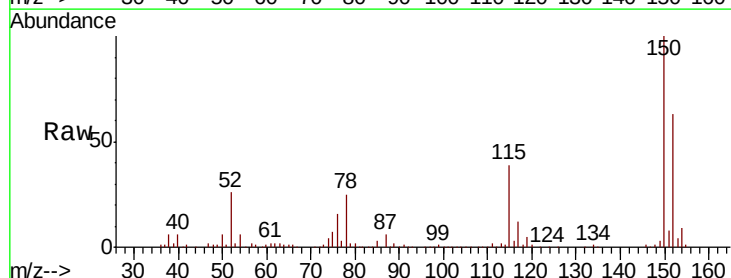
Tgt Ion:152 Resp: 421448

Ion Ratio Lower Upper

152 100

115 61.6 30.9 92.7

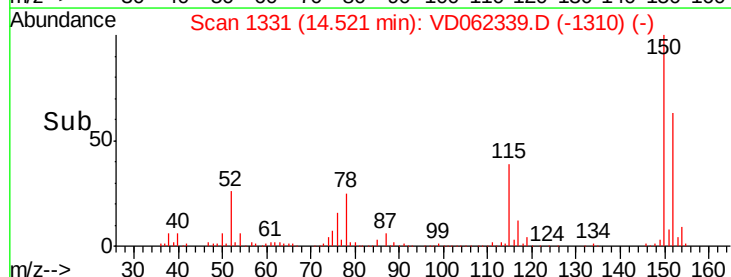
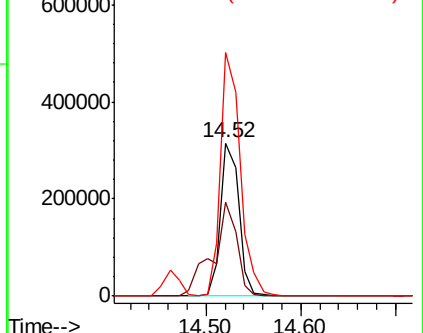
150 159.2 0.0 314.8

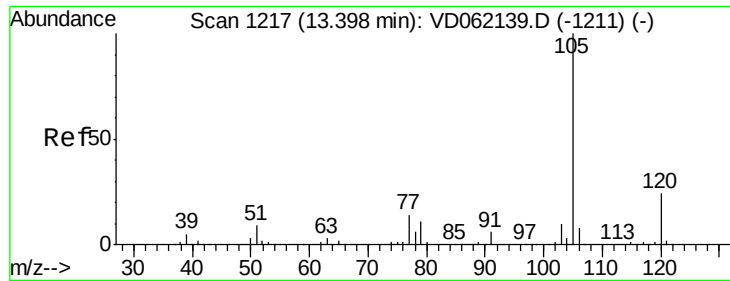


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.480 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

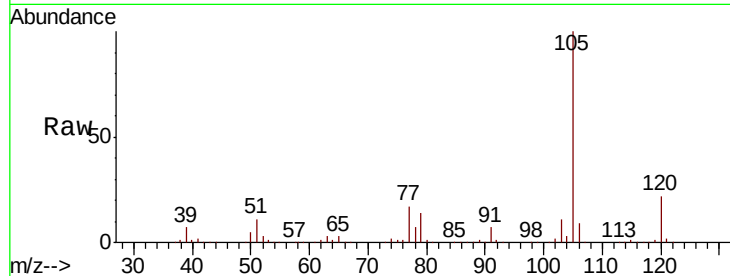
VSTDCCC050

Tgt Ion:105 Resp: 1300537

Ion Ratio Lower Upper

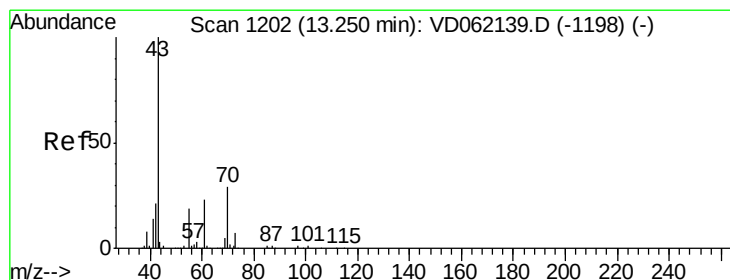
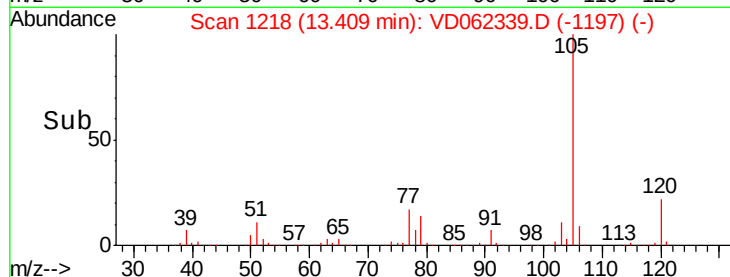
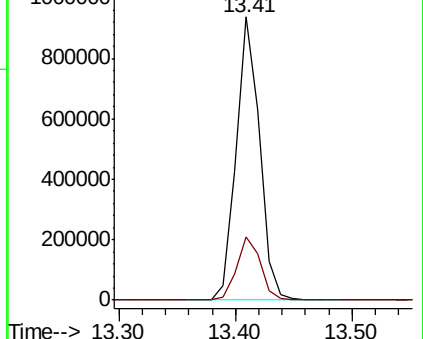
105 100

120 22.2 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 49.228 ug/l

RT: 13.27 min Scan# 1204

Delta R.T. 0.02 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Tgt Ion: 43 Resp: 326055

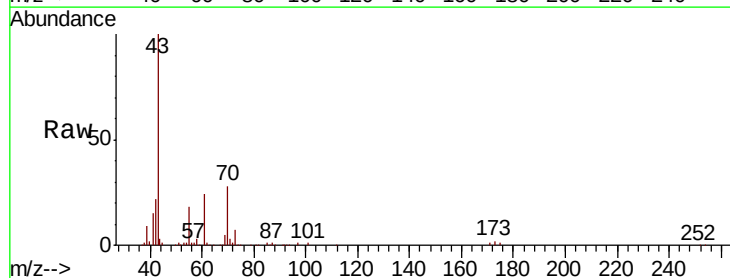
Ion Ratio Lower Upper

43 100

70 28.4 24.2 36.4

55 17.9 16.0 24.0

61 23.5 21.6 32.4

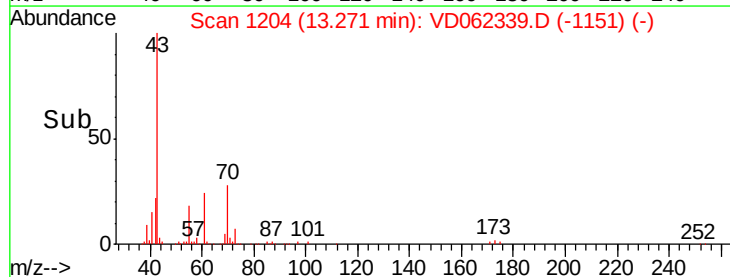
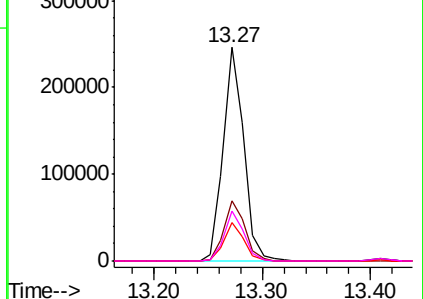


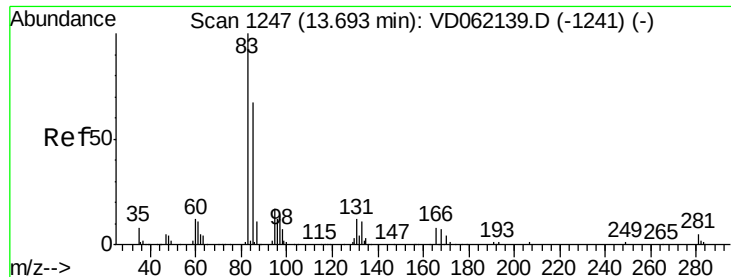
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 43.340 ug/l

RT: 13.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

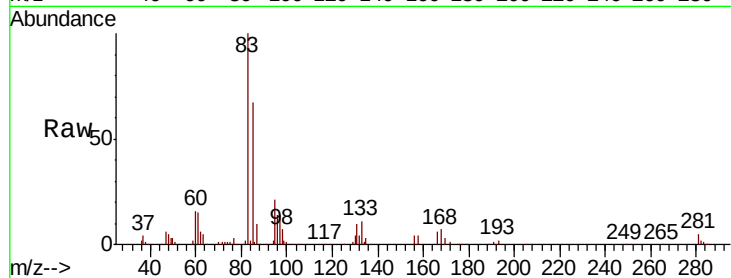
Tgt Ion: 83 Resp: 207278

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

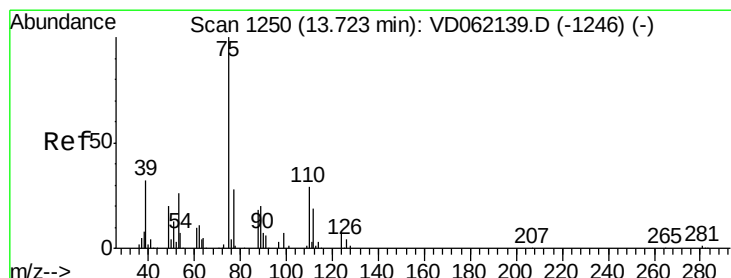
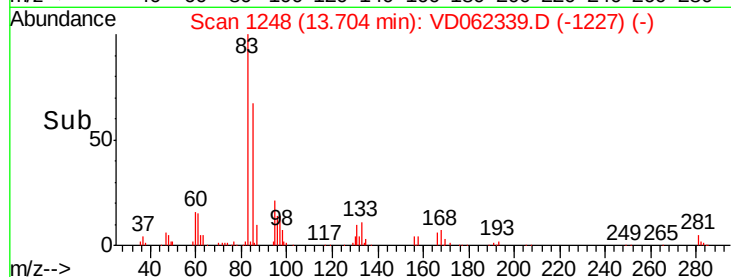
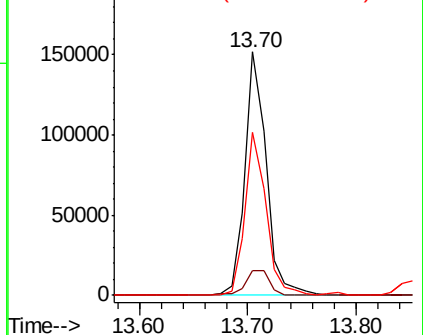
85 67.1 32.6 97.7



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: 48.665 ug/l

RT: 13.74 min Scan# 1252

Delta R.T. 0.02 min

Lab File: VD062339.D

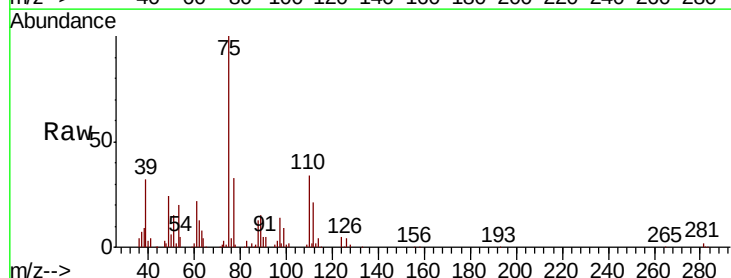
Acq: 14 May 2019 11:14

Tgt Ion: 75 Resp: 243743

Ion Ratio Lower Upper

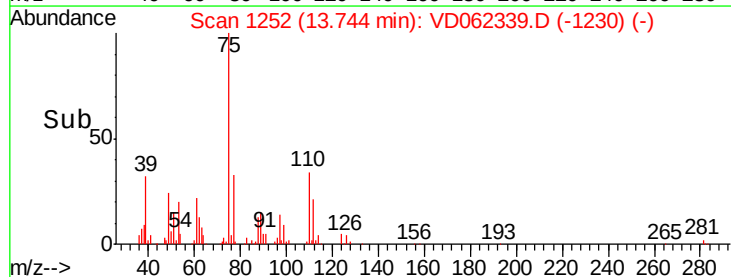
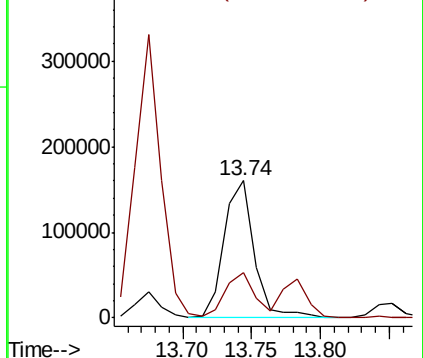
75 100

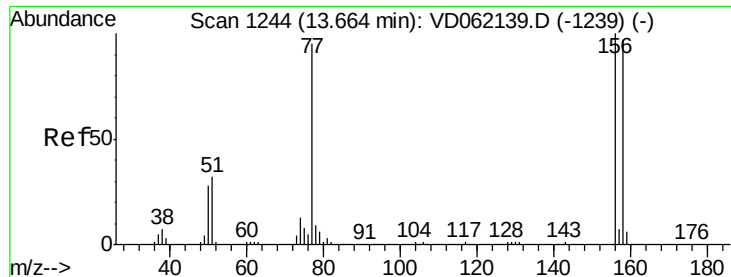
77 32.8 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 49.102 ug/l

RT: 13.67 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

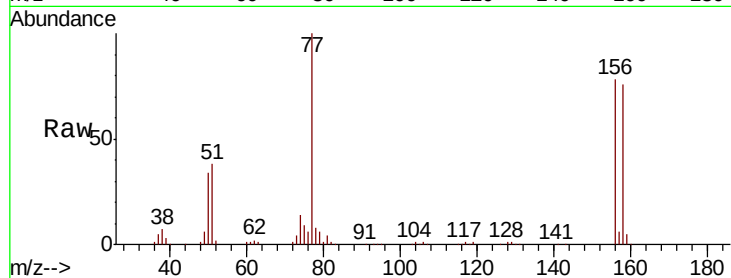
Tgt Ion:156 Resp: 347247

Ion Ratio Lower Upper

156 100

77 127.8 53.1 159.4

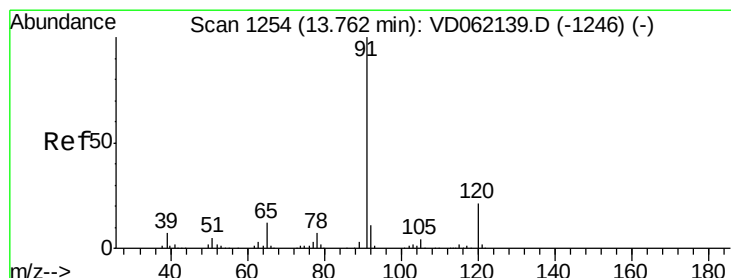
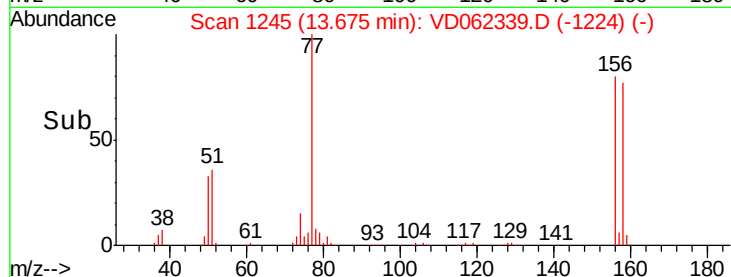
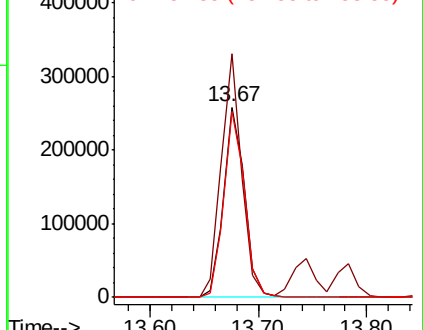
158 97.4 49.4 148.0



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: 48.291 ug/l

RT: 13.78 min Scan# 1256

Delta R.T. 0.02 min

Lab File: VD062339.D

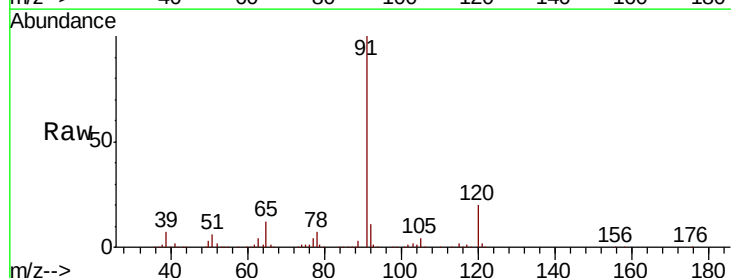
Acq: 14 May 2019 11:14

Tgt Ion: 91 Resp: 1455297

Ion Ratio Lower Upper

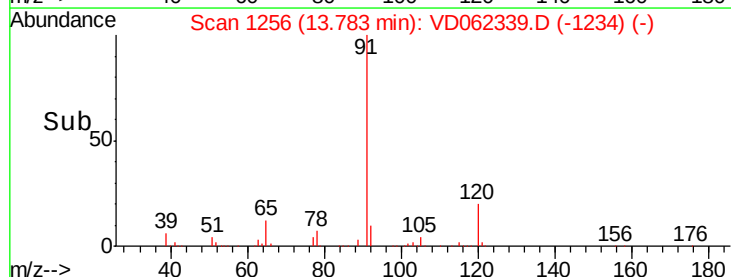
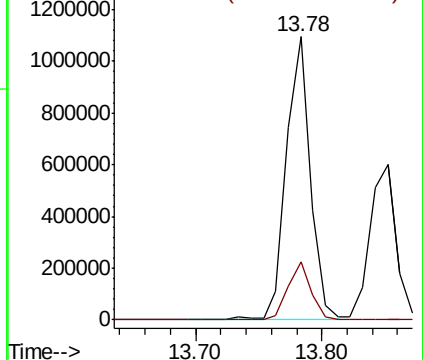
91 100

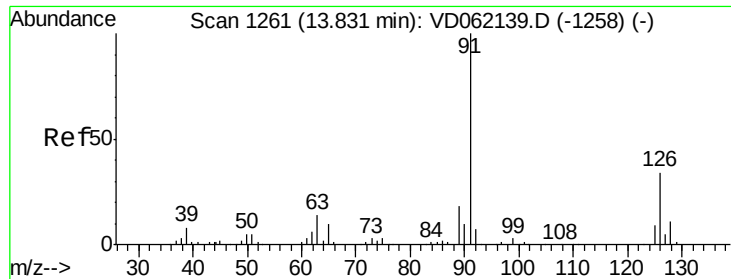
120 20.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

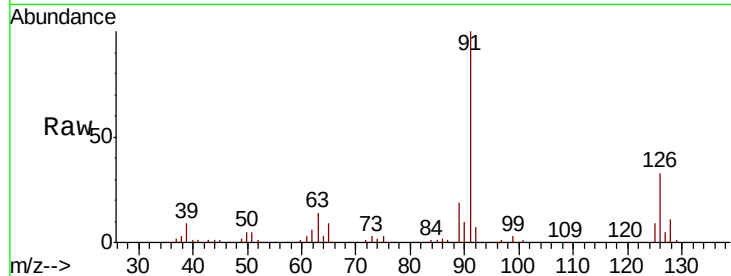




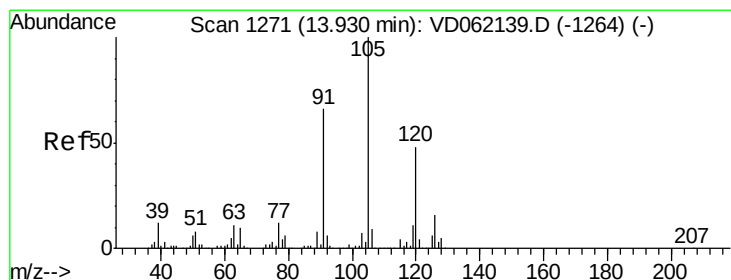
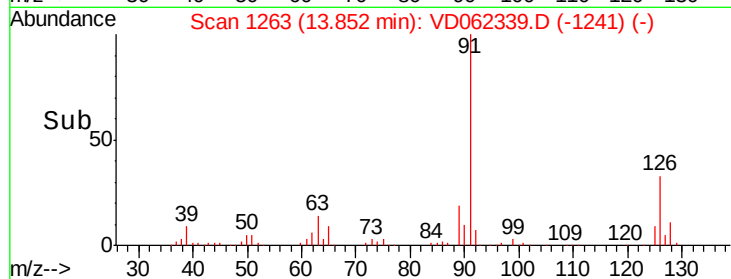
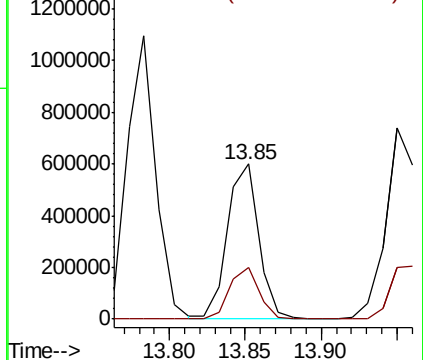
#79
 2-Chlorotoluene
 Concen: 49.268 ug/l
 RT: 13.85 min Scan# 1263
 Delta R.T. 0.02 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 850332
 Ion Ratio Lower Upper
 91 100
 126 33.1 18.6 55.8

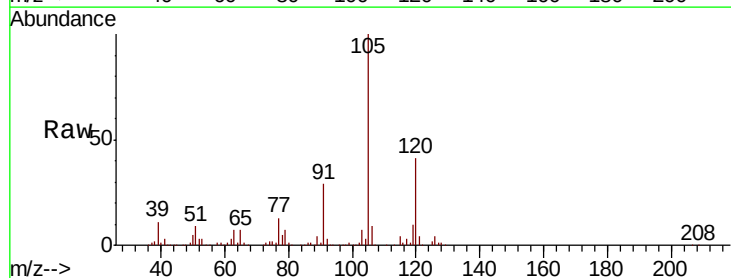


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

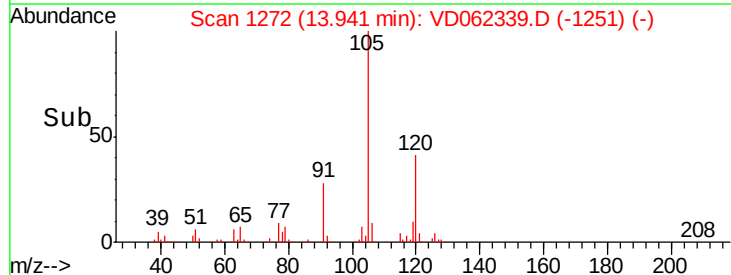
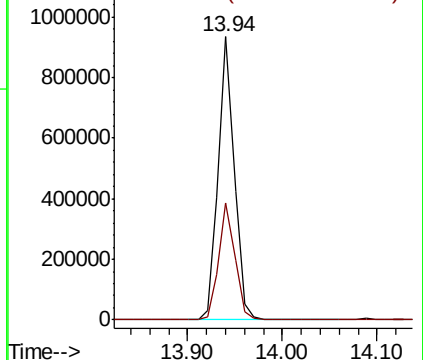


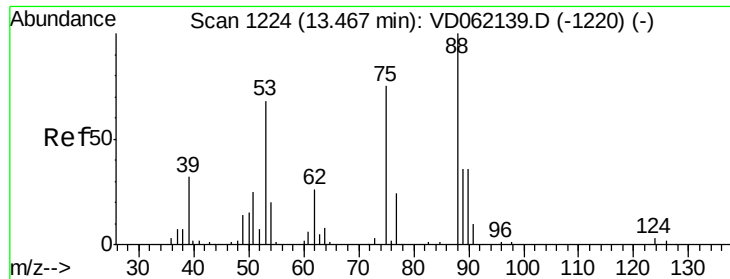
#80
 1,3,5-Trimethylbenzene
 Concen: 51.717 ug/l
 RT: 13.94 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion: 105 Resp: 1100199
 Ion Ratio Lower Upper
 105 100
 120 41.4 24.0 72.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 48.013 ug/l

RT: 13.48 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VD062339.D

Acq: 14 May 2019 11:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

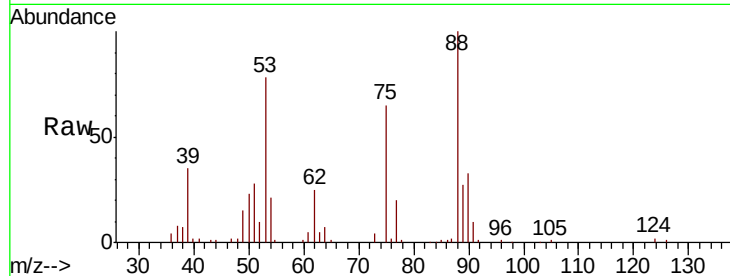
Tgt Ion: 75 Resp: 67888

Ion Ratio Lower Upper

75 100

53 119.3 65.8 98.8#

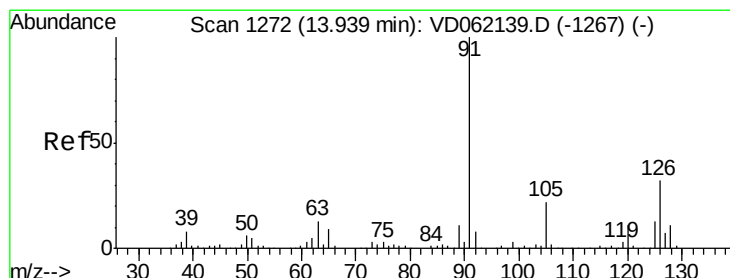
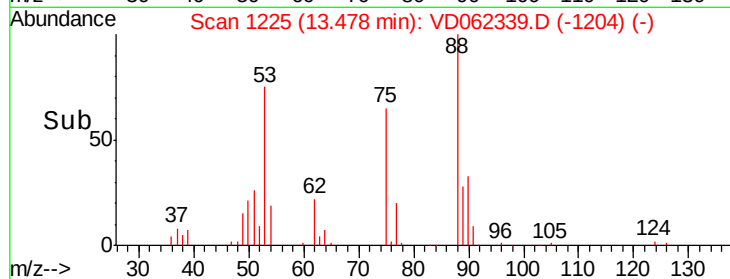
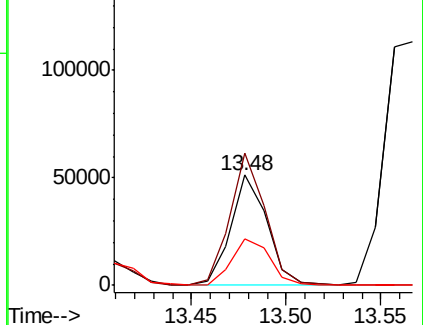
89 42.2 35.0 52.6



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: 53.362 ug/l

RT: 13.95 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VD062339.D

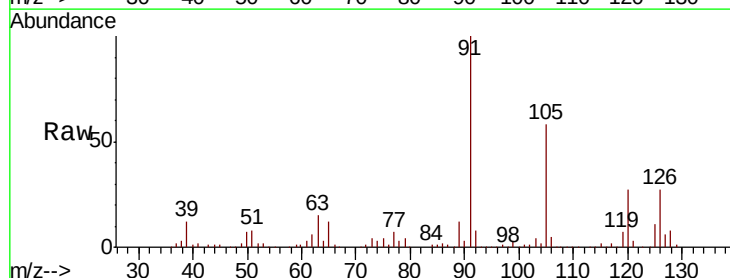
Acq: 14 May 2019 11:14

Tgt Ion: 91 Resp: 1083770

Ion Ratio Lower Upper

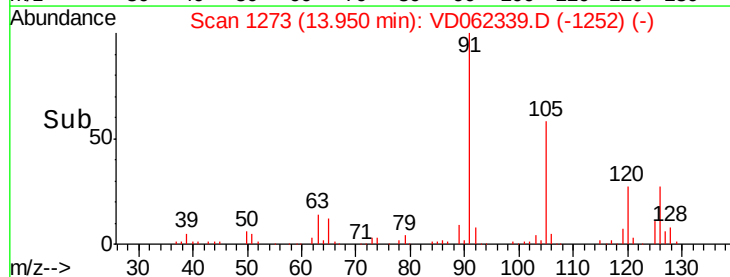
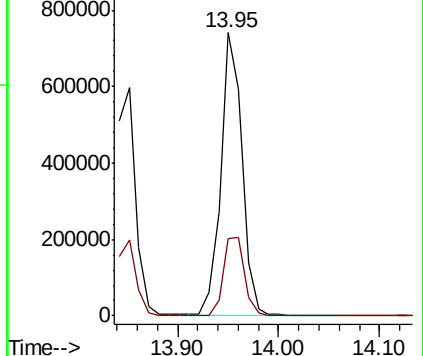
91 100

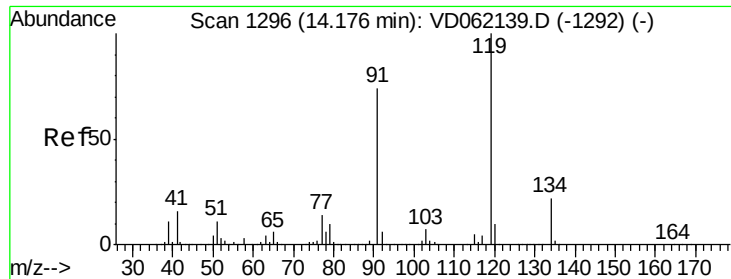
126 27.3 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

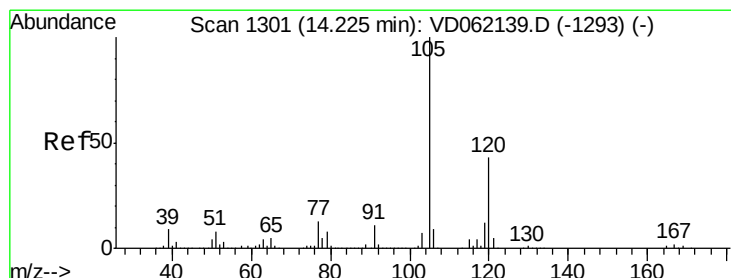
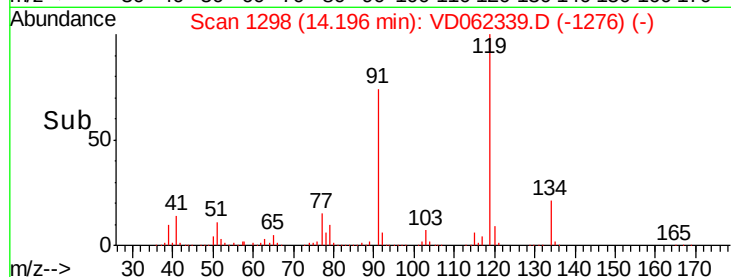
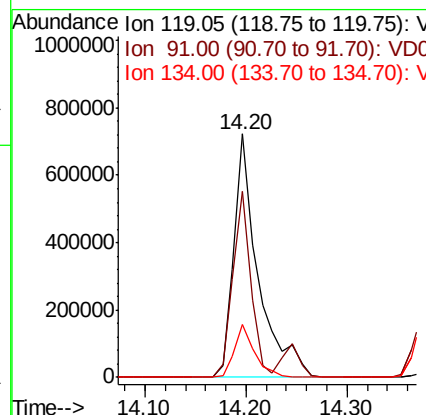
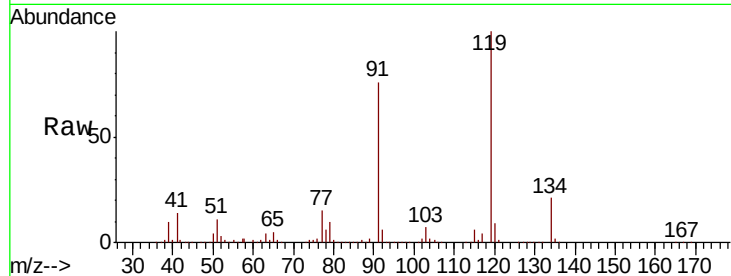




#83
 tert-Butylbenzene
 Concen: 50.451 ug/l
 RT: 14.20 min Scan# 1298
 Delta R.T. 0.02 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

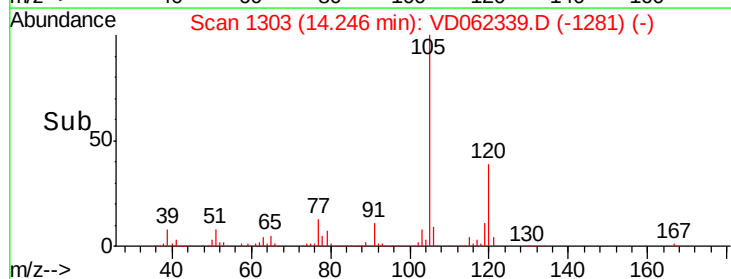
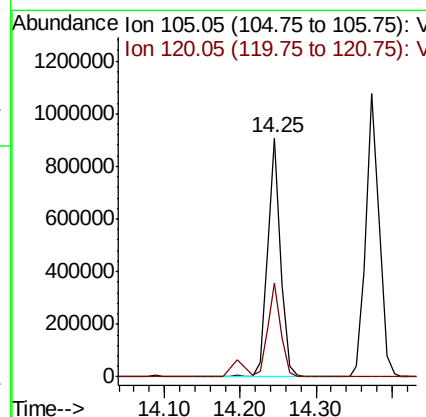
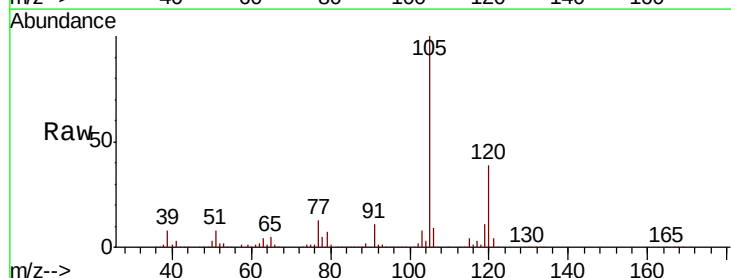
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

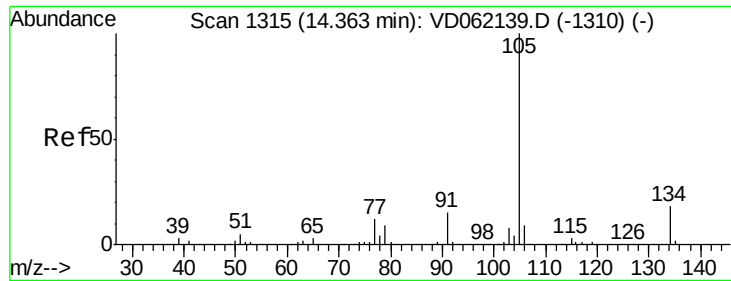
Tgt Ion:119 Resp: 1206334
 Ion Ratio Lower Upper
 119 100
 91 76.4 34.2 102.6
 134 21.5 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.101 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.02 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion:105 Resp: 1112241
 Ion Ratio Lower Upper
 105 100
 120 39.1 23.1 69.2

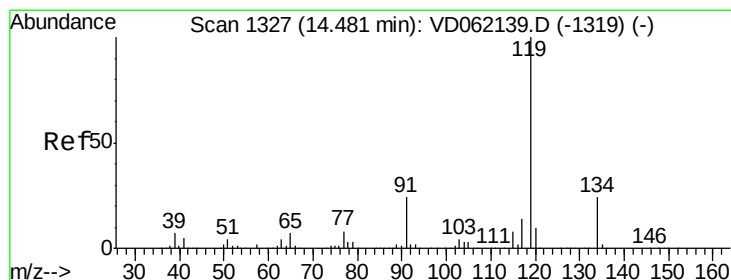
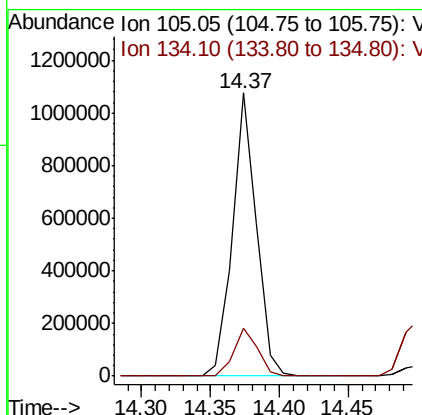
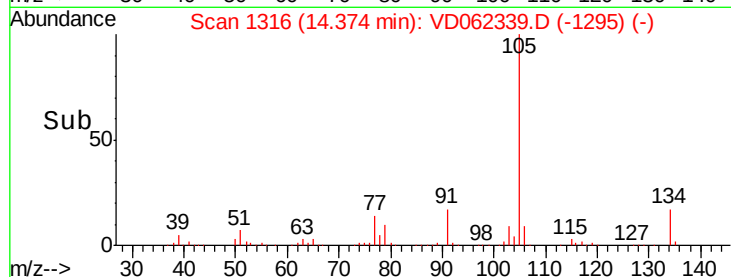
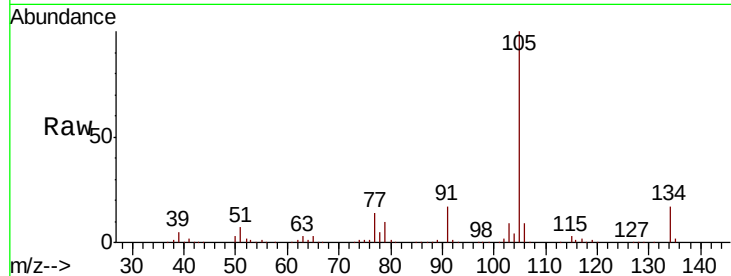




#85
 sec-Butylbenzene
 Concen: 49.434 ug/l
 RT: 14.37 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

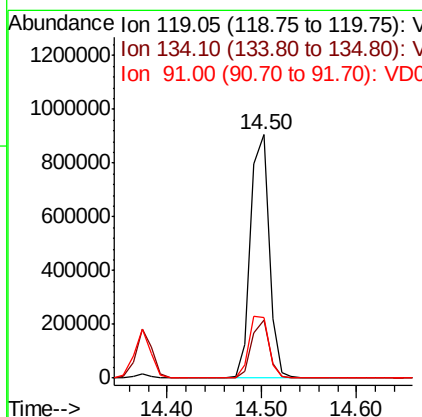
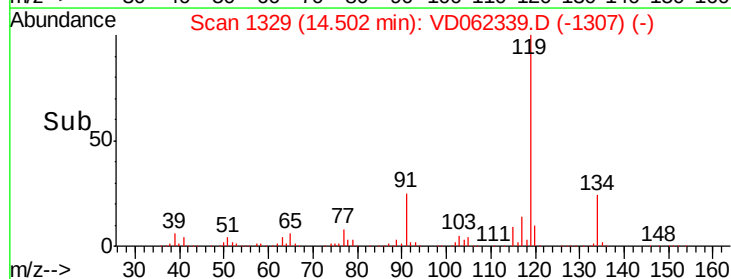
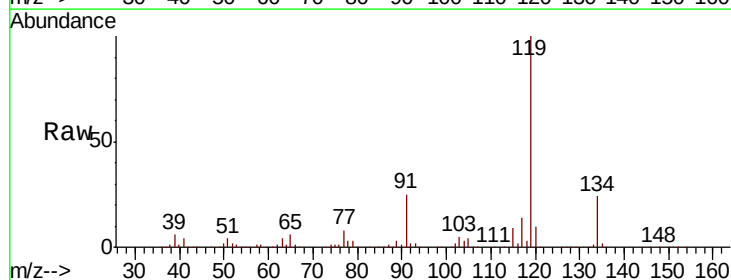
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

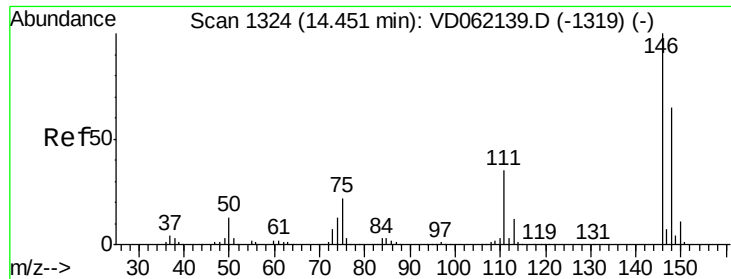
Tgt Ion:105 Resp: 1295987
 Ion Ratio Lower Upper
 105 100
 134 16.8 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 52.816 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. 0.02 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion:119 Resp: 1237103
 Ion Ratio Lower Upper
 119 100
 134 23.8 12.8 38.3
 91 24.7 10.7 32.1

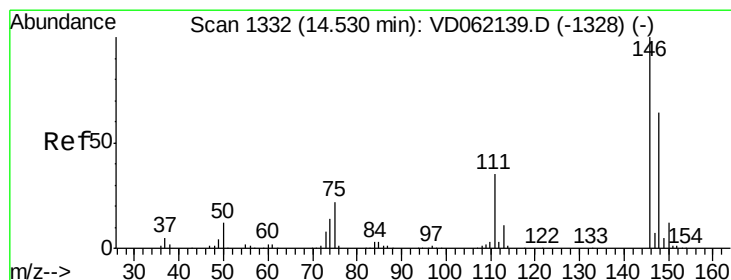
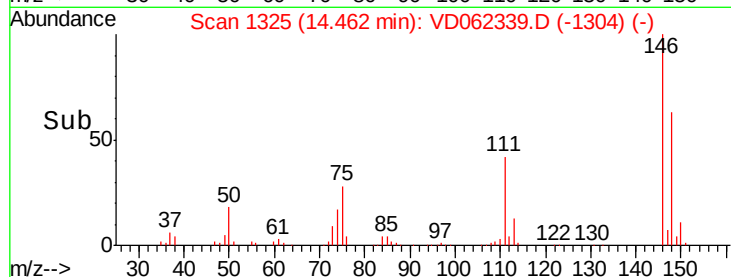
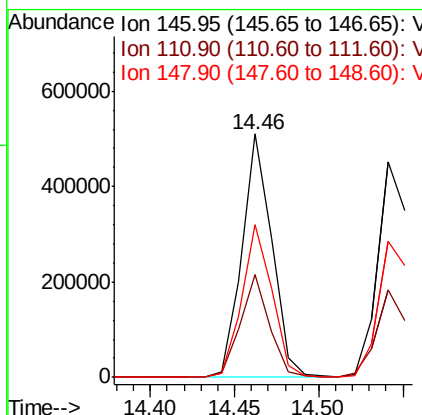
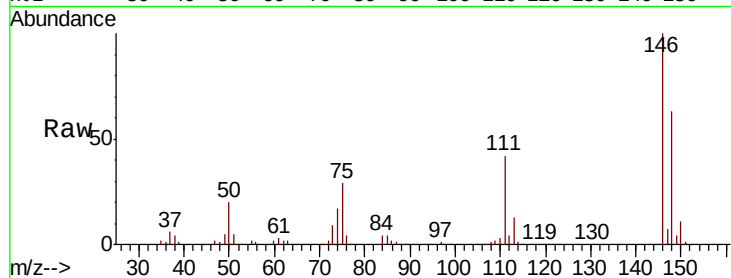




#87
 1,3-Dichlorobenzene
 Concen: 48.594 ug/l
 RT: 14.46 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

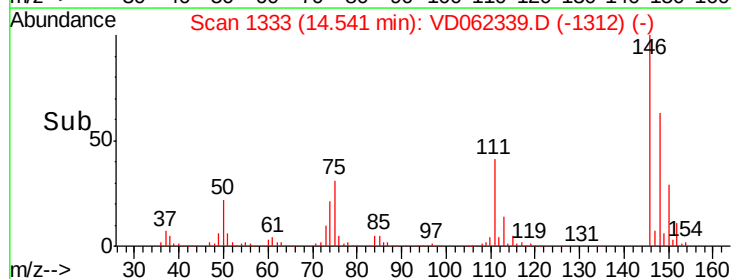
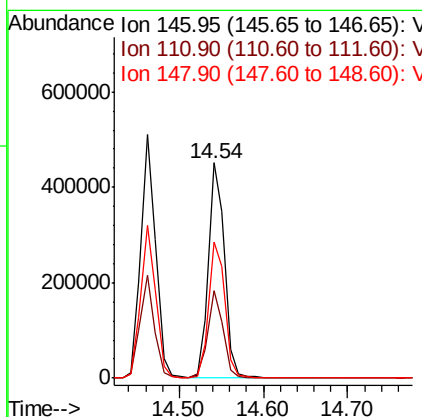
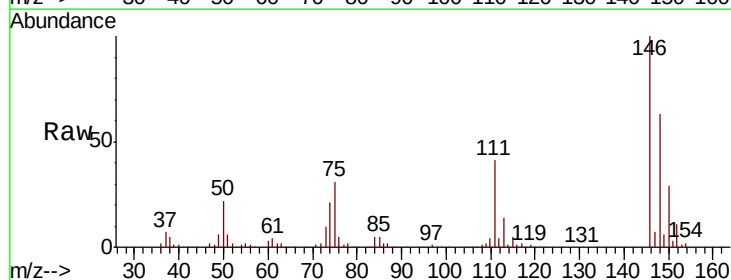
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

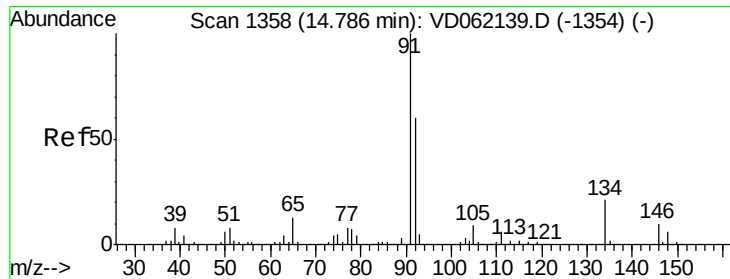
Tgt Ion:146 Resp: 627775
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.0 60.0
 148 62.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 46.735 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion:146 Resp: 593234
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.2 60.5
 148 63.3 32.0 96.2

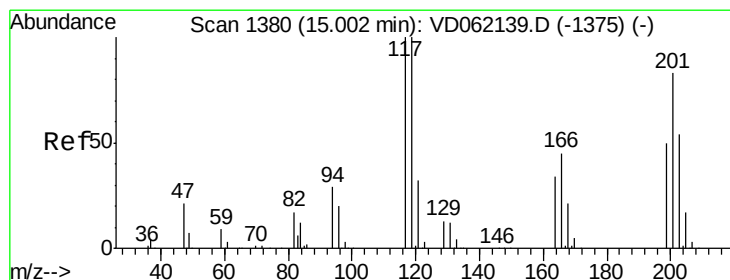
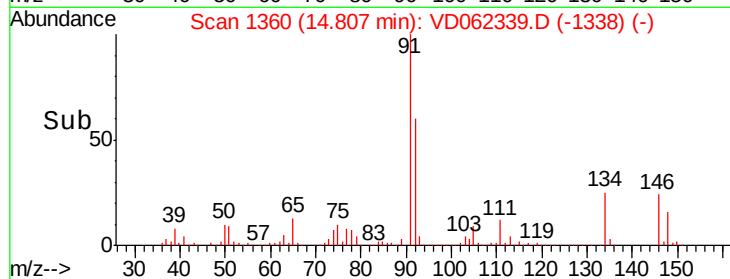
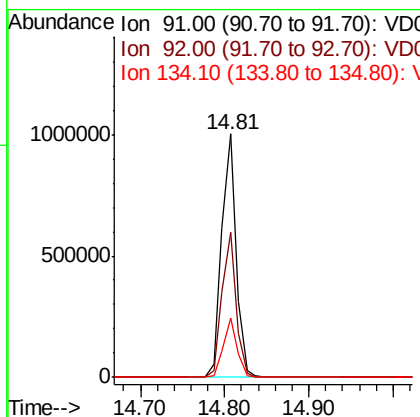
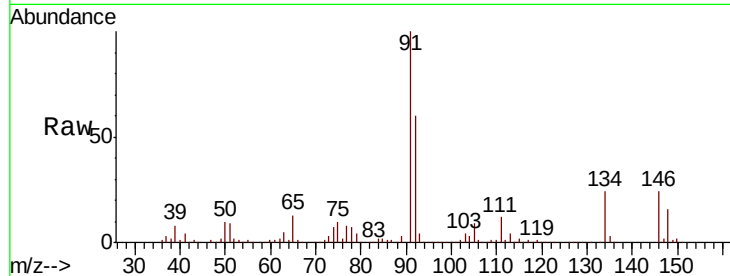




#89
n-Butylbenzene
Concen: 57.005 ug/l
RT: 14.81 min Scan# 1360
Delta R.T. 0.02 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

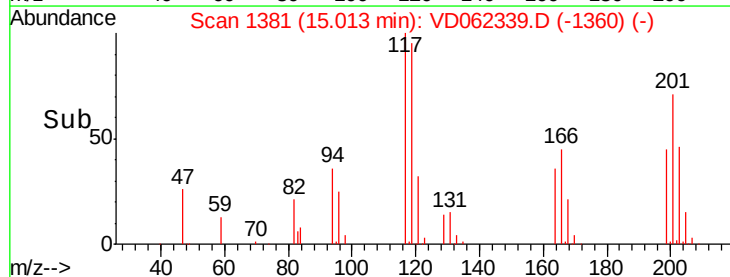
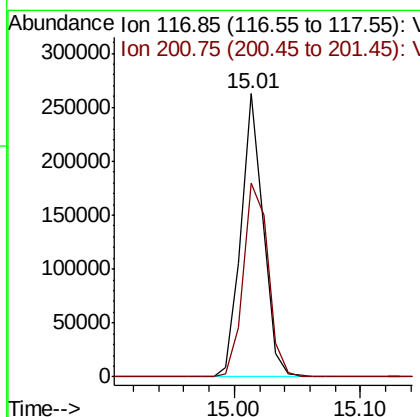
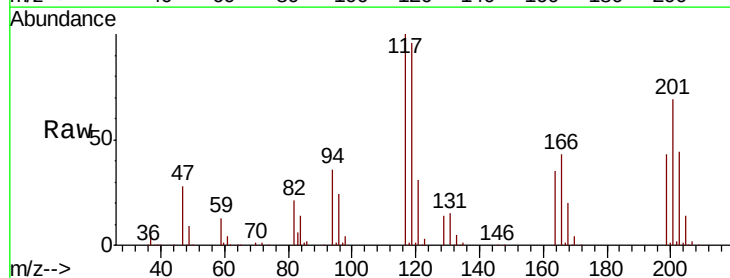
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

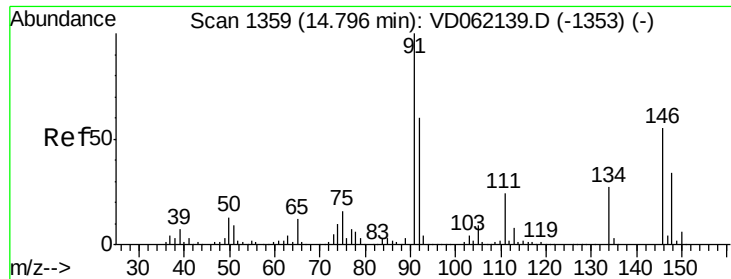
Tgt Ion: 91 Resp: 1198453
Ion Ratio Lower Upper
91 100
92 59.7 30.3 91.0
134 24.5 14.5 43.6



#90
Hexachloroethane
Concen: 50.014 ug/l
RT: 15.01 min Scan# 1381
Delta R.T. 0.01 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion: 117 Resp: 318577
Ion Ratio Lower Upper
117 100
201 68.6 30.2 90.6

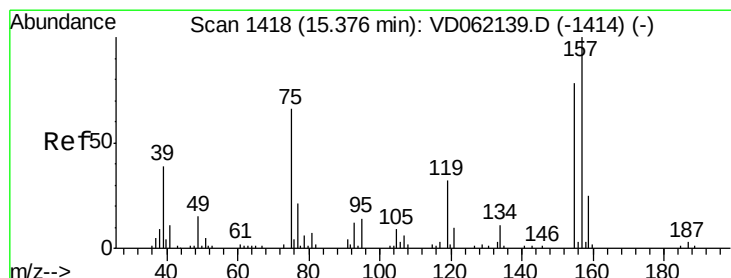
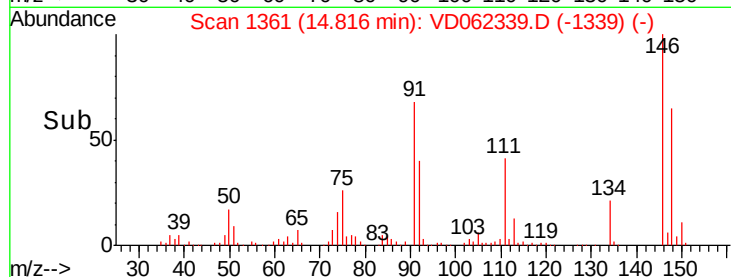
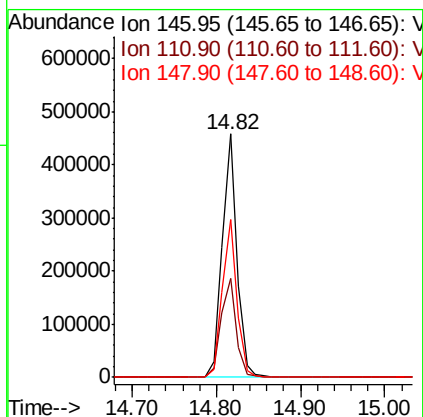
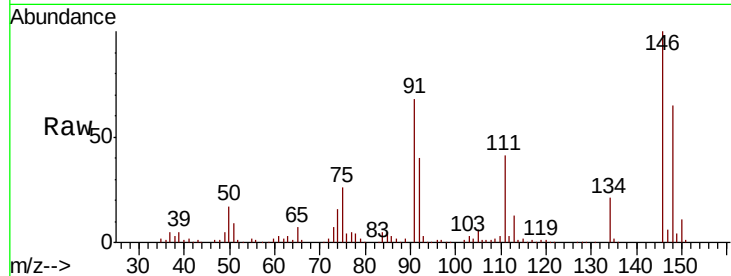




#91
 1,2-Dichlorobenzene
 Concen: 51.840 ug/l
 RT: 14.82 min Scan# 1361
 Delta R.T. 0.02 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

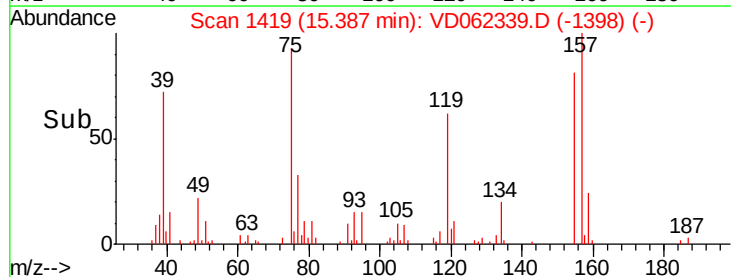
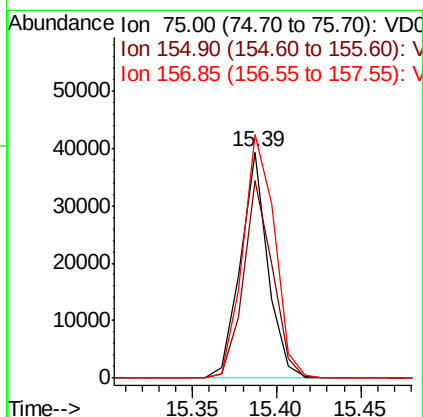
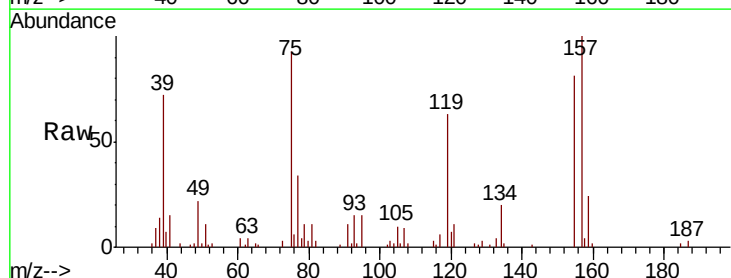
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

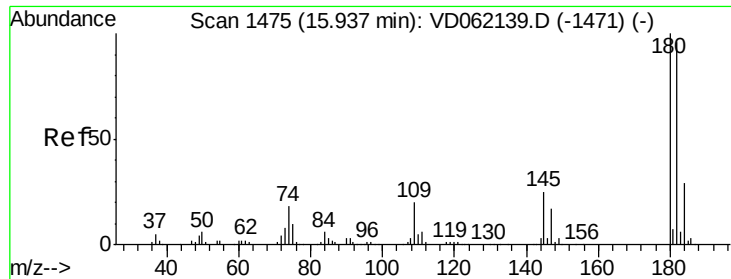
Tgt Ion:146 Resp: 551551
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.0 59.9
 148 64.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.477 ug/l
 RT: 15.39 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion: 75 Resp: 44338
 Ion Ratio Lower Upper
 75 100
 155 87.2 55.3 165.8
 157 107.6 67.8 203.2

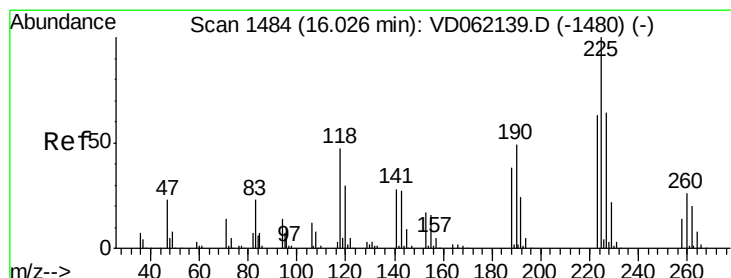
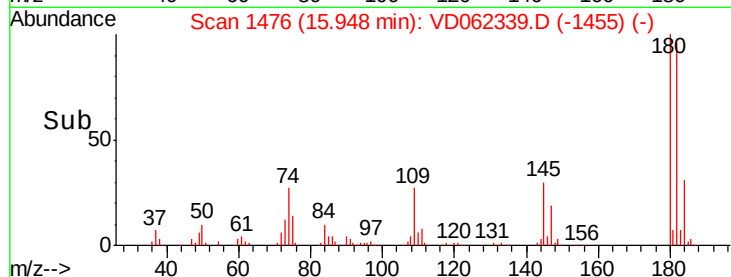
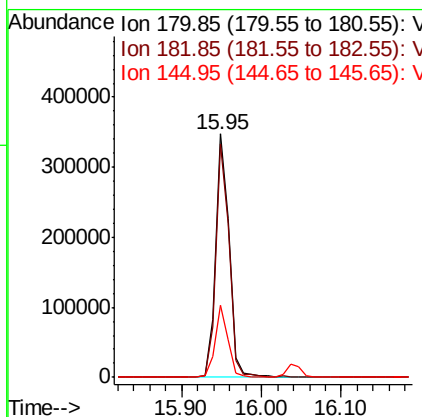
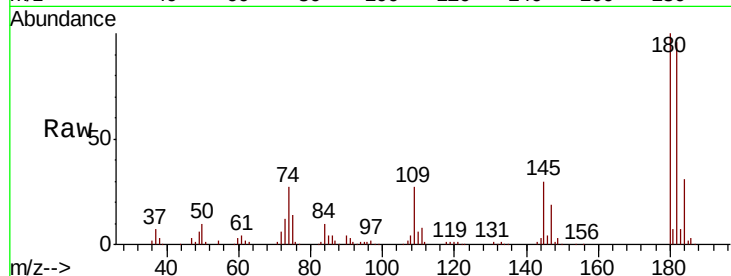




#93
 1,2,4-Trichlorobenzene
 Concen: 54.125 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

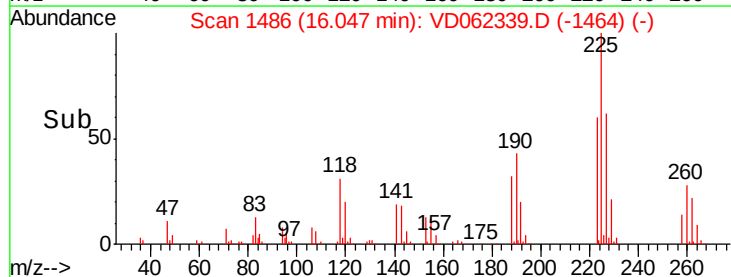
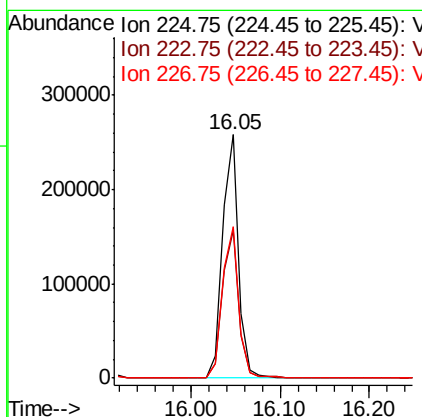
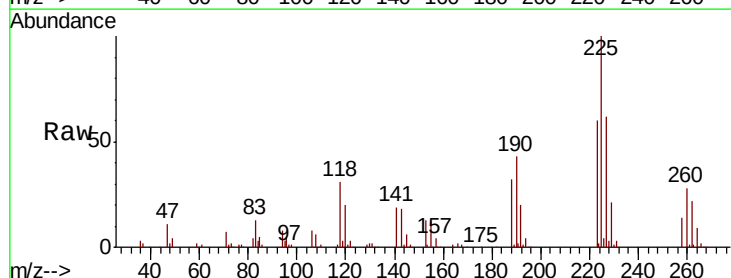
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

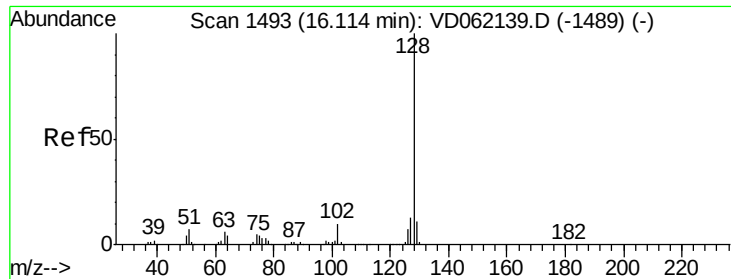
Tgt Ion:180 Resp: 419151
 Ion Ratio Lower Upper
 180 100
 182 95.7 49.3 147.8
 145 29.8 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 56.841 ug/l
 RT: 16.05 min Scan# 1486
 Delta R.T. 0.02 min
 Lab File: VD062339.D
 Acq: 14 May 2019 11:14

Tgt Ion:225 Resp: 327395
 Ion Ratio Lower Upper
 225 100
 223 60.4 30.6 92.0
 227 62.3 32.0 96.2

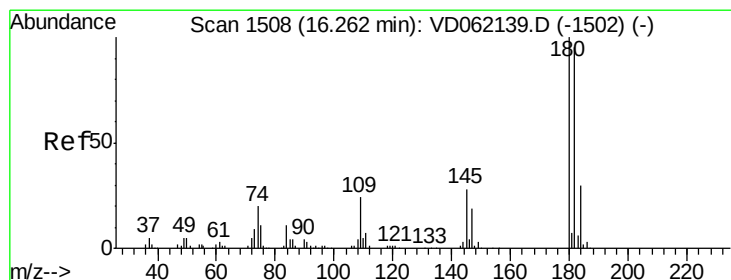
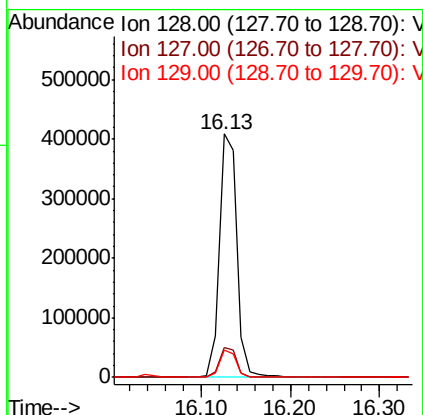
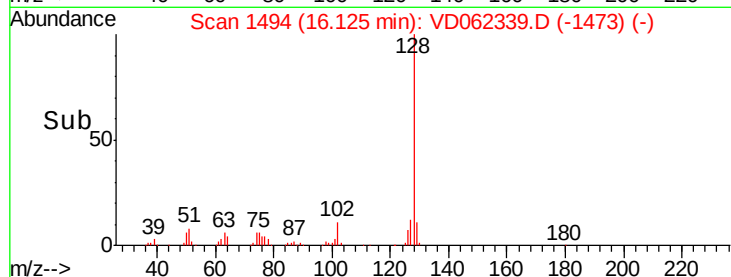
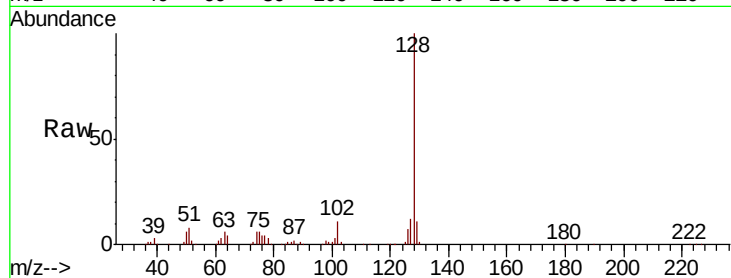




#95
Naphthalene
Concen: 52.085 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 563128
Ion Ratio Lower Upper
128 100
127 12.4 9.8 14.8
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 60.574 ug/l
RT: 16.27 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VD062339.D
Acq: 14 May 2019 11:14

Tgt Ion:180 Resp: 294937
Ion Ratio Lower Upper
180 100
182 93.1 47.0 141.0
145 31.5 17.0 51.0

