

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060619\
 Data File : VD062630.D
 Acq On : 6 Jun 2019 17:47
 Operator : FY/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 07 04:13:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 04:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	677454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	931014	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	807166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	436698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	520068	56.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.40%	
35) Dibromofluoromethane	6.94	113	524812	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
50) Toluene-d8	10.42	98	1147204	55.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.86%	
62) 4-Bromofluorobenzene	13.56	95	523628	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	389282	46.677	ug/l	100
3) Chloromethane	1.75	50	319507	49.259	ug/l	100
4) Vinyl Chloride	1.85	62	351551	54.986	ug/l	100
5) Bromomethane	2.15	94	193071	59.653	ug/l	100
6) Chloroethane	2.27	64	196396	59.688	ug/l	100
7) Trichlorofluoromethane	2.54	101	779934	55.052	ug/l	100
8) Diethyl Ether	2.87	74	93777	51.565	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.16	101	451197	56.079	ug/l	100
10) Methyl Iodide	3.30	142	540273	53.882	ug/l	100
11) Tert butyl alcohol	4.09	59	83920	208.425	ug/l	100
12) 1,1-Dichloroethene	3.13	96	325216	56.034	ug/l	100
13) Acrolein	3.05	56	35914	246.634	ug/l	100
14) Allyl chloride	3.63	41	485329	54.909	ug/l	100
15) Acrylonitrile	4.21	53	239038	267.105	ug/l	100
16) Acetone	3.23	43	501699	300.055	ug/l	100
17) Carbon Disulfide	3.38	76	922588	54.480	ug/l	100
18) Methyl Acetate	3.65	43	129130	44.185	ug/l	100
19) Methyl tert-butyl Ether	4.25	73	786066	55.334	ug/l	100
20) Methylene Chloride	3.82	84	298212	46.766	ug/l	100
21) trans-1,2-Dichloroethene	4.23	96	362060	56.599	ug/l	100
22) Diisopropyl ether	5.13	45	996546	53.621	ug/l	100
23) Vinyl Acetate	5.07	43	3243377	283.681	ug/l	100
24) 1,1-Dichloroethane	5.00	63	628892	53.184	ug/l	100
25) 2-Butanone	6.08	43	418494	269.301	ug/l	100
26) 2,2-Dichloropropane	6.03	77	726247	56.221	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	352941	52.110	ug/l	100
28) Bromochloromethane	6.45	49	253077	56.145	ug/l	100
29) Tetrahydrofuran	6.46	42	195631	269.893	ug/l	100
30) Chloroform	6.67	83	825347	55.757	ug/l	100
31) Cyclohexane	6.97	56	414464	54.520	ug/l	100
32) 1,1,1-Trichloroethane	6.88	97	845879	56.289	ug/l	100
36) 1,1-Dichloropropene	7.15	75	544585	54.033	ug/l	100
37) Ethyl Acetate	6.20	43	224061	55.476	ug/l	100
38) Carbon Tetrachloride	7.12	117	910619	60.646	ug/l	100

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 QLast Update : Fri Jun 07 04:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	445521	52.761	ug/l	100
40) Benzene	7.47	78	1022286	52.536	ug/l	100
41) Methacrylonitrile	6.46	41	274161	52.990	ug/l	100
42) 1,2-Dichloroethane	7.59	62	646183	55.593	ug/l	100
43) Isopropyl Acetate	9.25	43	295679	53.859	ug/l	100
44) Trichloroethene	8.55	130	436727	54.392	ug/l	100
45) 1,2-Dichloropropane	8.95	63	248062	51.271	ug/l	100
46) Dibromomethane	9.07	93	242382	56.478	ug/l	100
47) Bromodichloromethane	9.39	83	633830	55.102	ug/l	100
48) Methyl methacrylate	9.13	41	196139	52.942	ug/l	100
49) 1,4-Dioxane	9.09	88	34198	1152.027	ug/l	100
51) 4-Methyl-2-Pentanone	10.31	43	998404	275.424	ug/l	100
52) Toluene	10.52	92	737133	56.141	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	561157	58.226	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	565108	57.932	ug/l	100
55) 1,1,2-Trichloroethane	11.20	97	245894	54.903	ug/l	100
56) Ethyl methacrylate	11.05	69	259078	53.524	ug/l	100
57) 1,3-Dichloropropane	11.42	76	362717	52.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	585956	230.309	ug/l	100
59) 2-Hexanone	11.54	43	758206	277.369	ug/l	100
60) Dibromochloromethane	11.69	129	499294	57.057	ug/l	100
61) 1,2-Dibromoethane	11.81	107	292963	53.599	ug/l	100
64) Tetrachloroethene	11.27	164	397609	55.218	ug/l	100
65) Chlorobenzene	12.40	112	912287	55.019	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	450204	56.289	ug/l	100
67) Ethyl Benzene	12.53	91	1688934	55.955	ug/l	100
68) m/p-Xylenes	12.68	106	1161661	110.930	ug/l	100
69) o-Xylene	13.05	106	543423	54.126	ug/l	100
70) Styrene	13.08	104	921471	54.435	ug/l	100
71) Bromoform	13.24	173	305564	55.919	ug/l	100
73) Isopropylbenzene	13.40	105	1652521	54.782	ug/l	100
74) N-amyl acetate	13.27	43	422818	54.196	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.70	83	271168	53.904	ug/l	100
76) 1,2,3-Trichloropropane	13.74	75	326503	57.101	ug/l	100
77) Bromobenzene	13.67	156	465008	55.768	ug/l	100
78) n-propylbenzene	13.78	91	2051748	57.936	ug/l	100
79) 2-Chlorotoluene	13.85	91	1173817	55.487	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	1469830	55.301	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	80415	55.534	ug/l	100
82) 4-Chlorotoluene	13.96	91	1408263	55.781	ug/l	100
83) tert-Butylbenzene	14.19	119	1564441	54.310	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	1432735	53.835	ug/l	100
85) sec-Butylbenzene	14.37	105	1773806	59.440	ug/l	100
86) p-Isopropyltoluene	14.50	119	1633391	56.992	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	833720	58.006	ug/l	100
88) 1,4-Dichlorobenzene	14.55	146	802731	55.826	ug/l	100
89) n-Butylbenzene	14.80	91	1409774	53.842	ug/l	100
90) Hexachloroethane	15.01	117	431894	57.708	ug/l	100
91) 1,2-Dichlorobenzene	14.81	146	681172	52.794	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.38	75	57565	55.799	ug/l	100

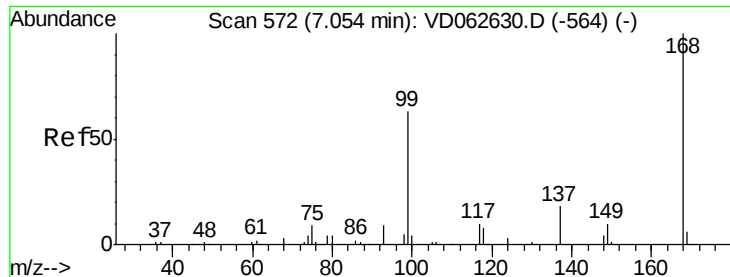
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QLast Update : Fri Jun 07 04:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	566350	59.482	ug/l	100
94) Hexachlorobutadiene	16.04	225	419928	58.833	ug/l	100
95) Naphthalene	16.13	128	756016	55.965	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	408767	56.844	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

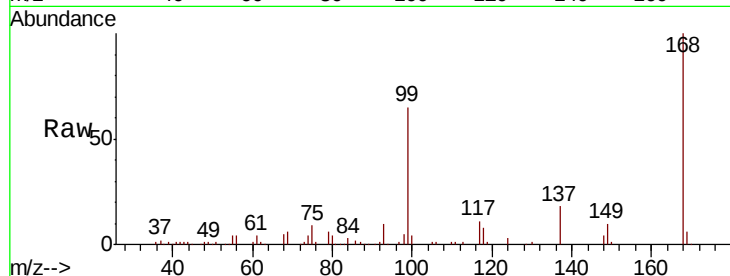
VSTDICCC050

Tot Ion:168 Resp: 677454

Ion Ratio Lower Upper

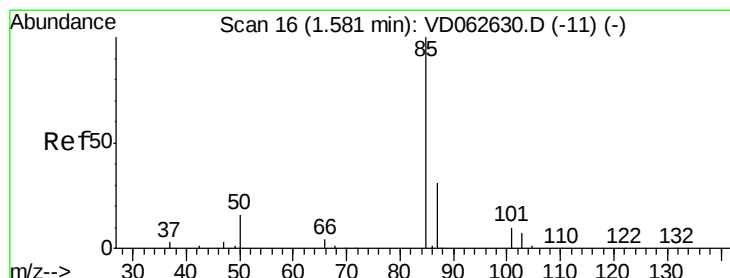
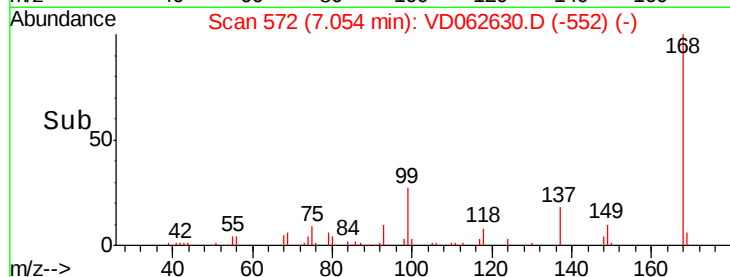
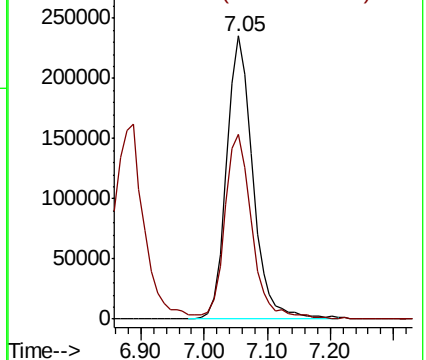
168 100

99 65.1 52.1 78.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 46.677 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.00 min

Lab File: VD062630.D

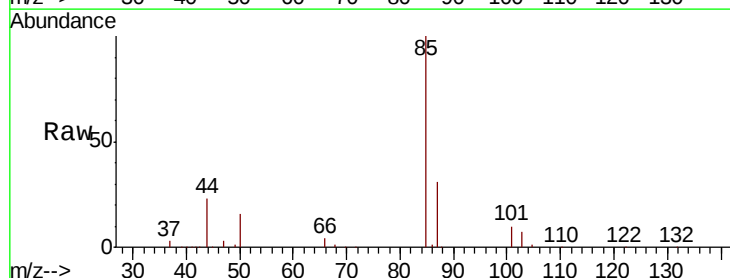
Acq: 6 Jun 2019 17:47

Tgt Ion: 85 Resp: 389282

Ion Ratio Lower Upper

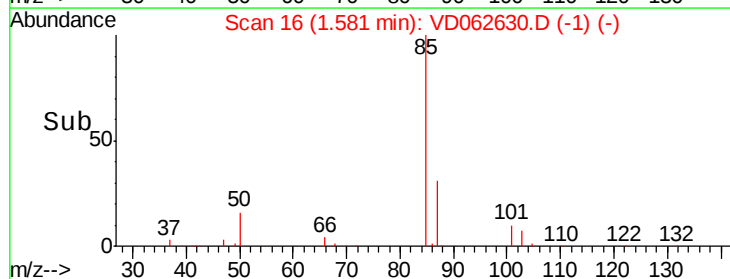
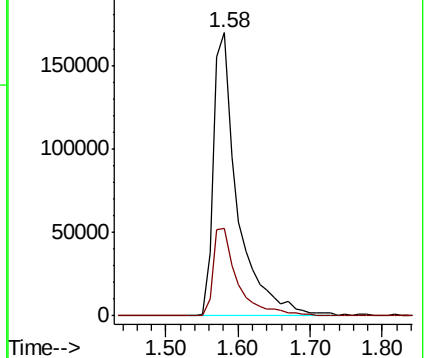
85 100

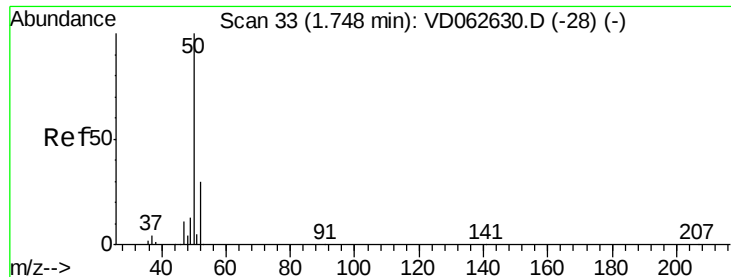
87 30.8 15.4 46.2



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 49.259 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

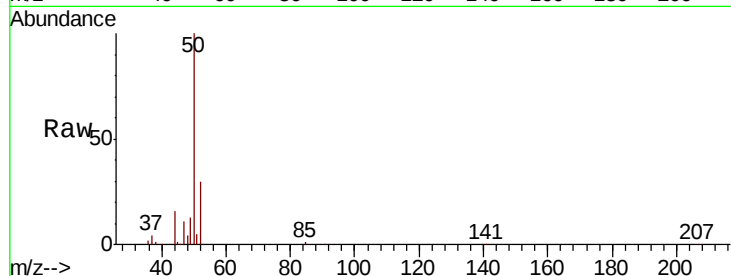
VSTDICCC050

Tot Ion: 50 Resp: 319507

Ion Ratio Lower Upper

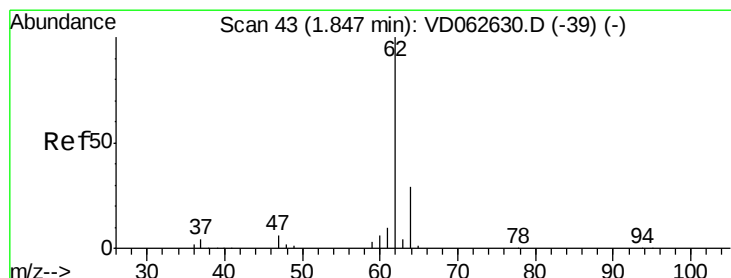
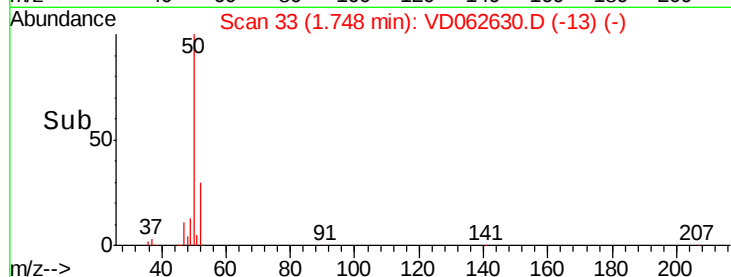
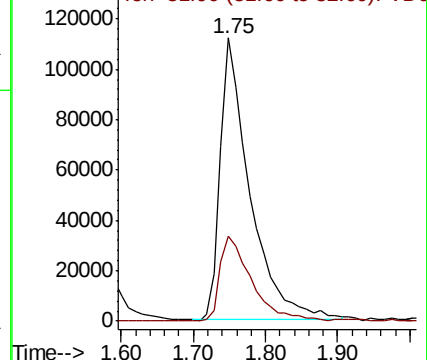
50 100

52 30.2 24.2 36.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 54.986 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.00 min

Lab File: VD062630.D

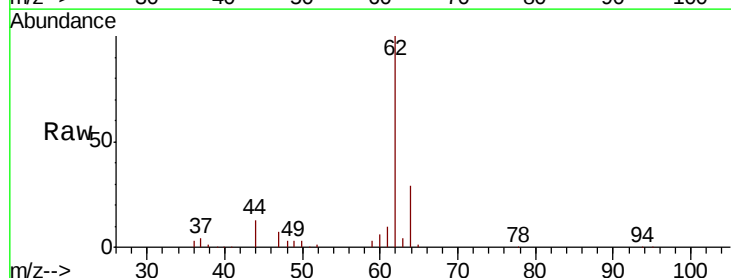
Acq: 6 Jun 2019 17:47

Tgt Ion: 62 Resp: 351551

Ion Ratio Lower Upper

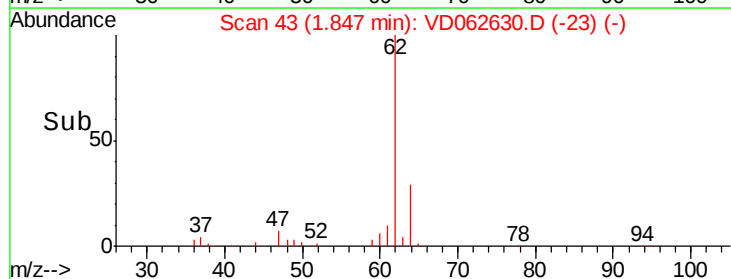
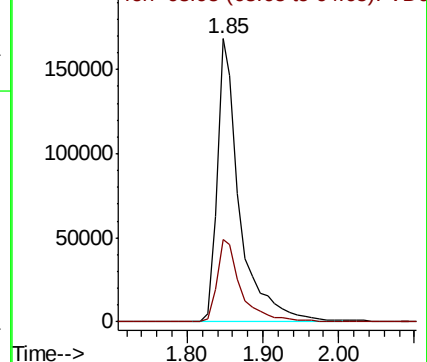
62 100

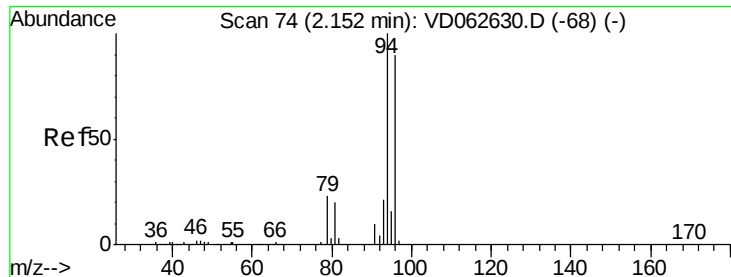
64 29.1 23.3 34.9



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 59.653 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

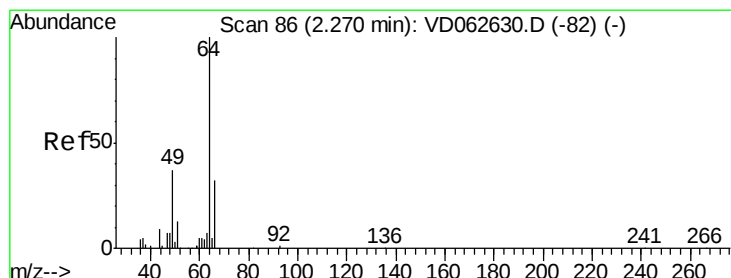
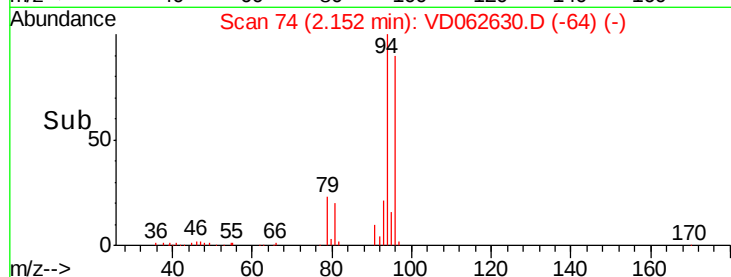
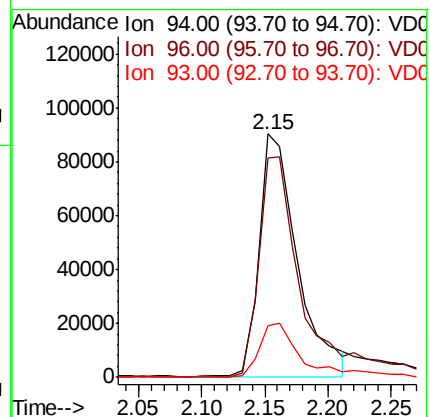
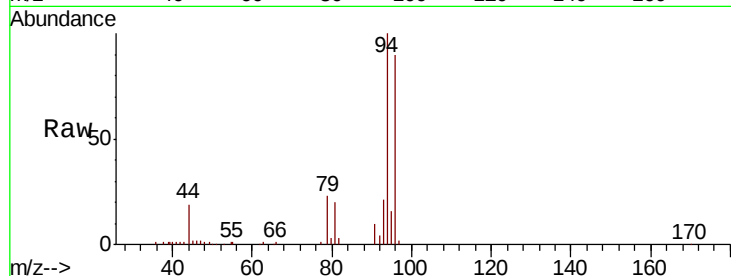
Tot Ion: 94 Resp: 193071

Ion Ratio Lower Upper

94 100

96 90.3 72.2 108.4

93 21.3 17.0 25.6



#6

Chloroethane

Concen: 59.688 ug/l

RT: 2.27 min Scan# 86

Delta R.T. 0.00 min

Lab File: VD062630.D

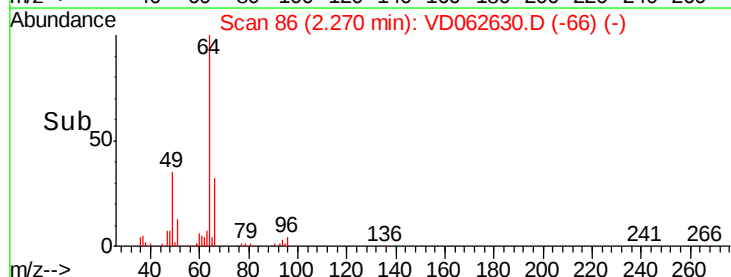
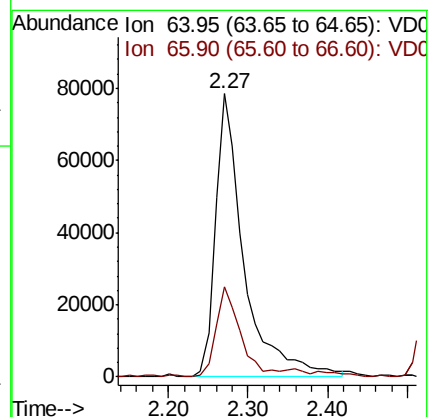
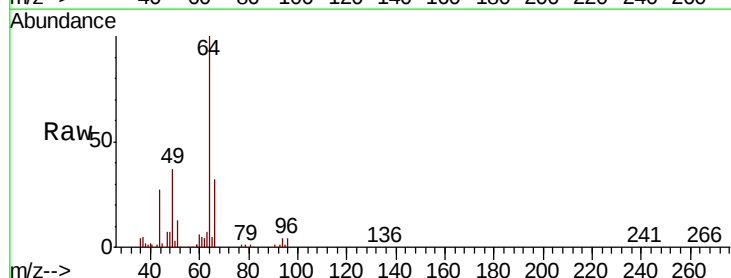
Acq: 6 Jun 2019 17:47

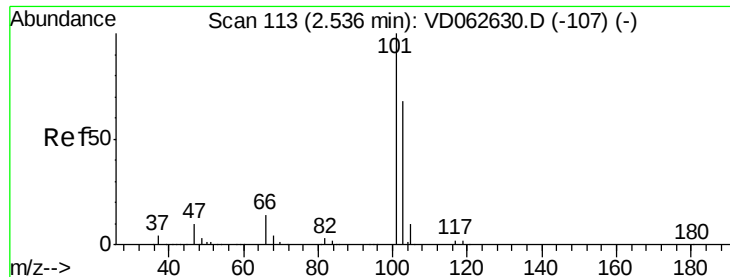
Tgt Ion: 64 Resp: 196396

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



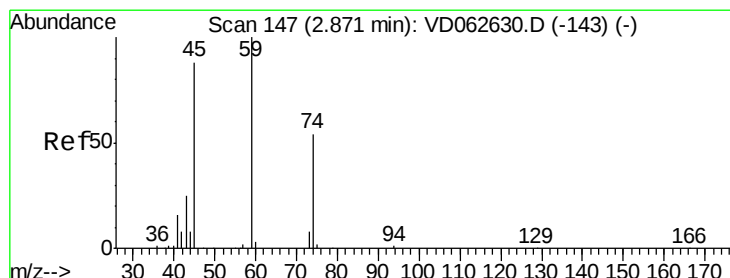
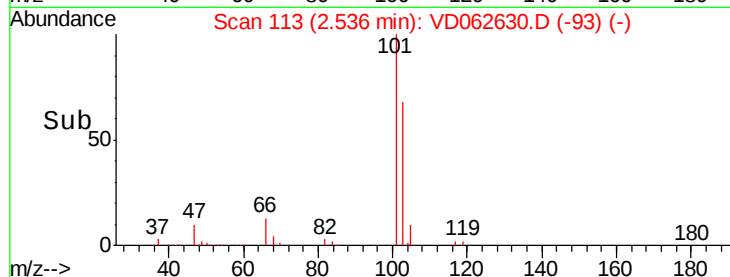
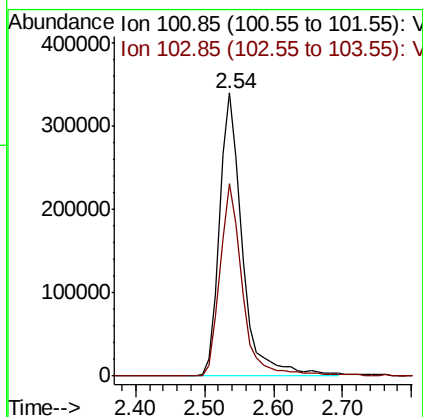
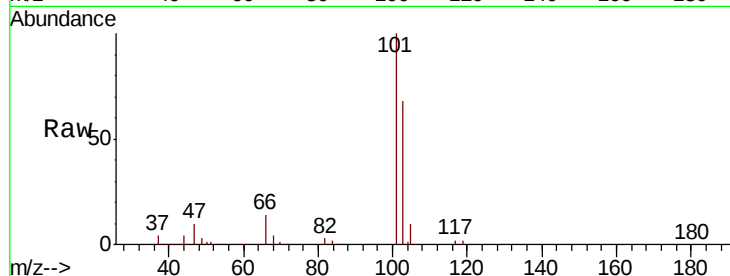


#7

Trichlorofluoromethane
Concen: 55.052 ug/l
RT: 2.54 min Scan# 113
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

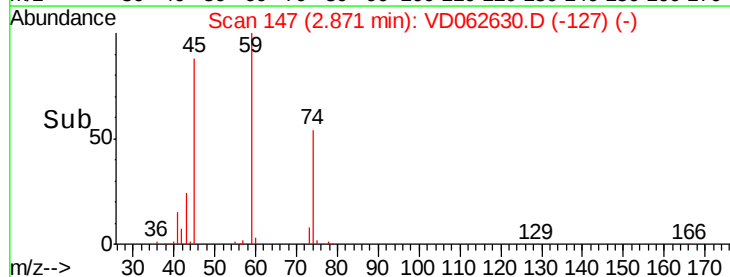
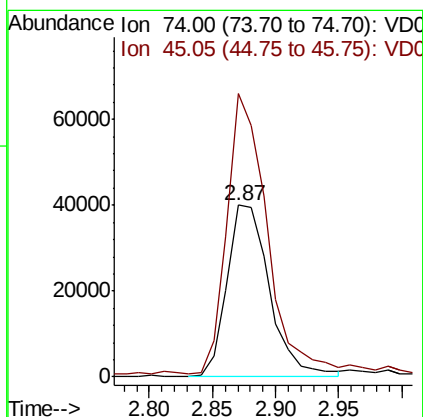
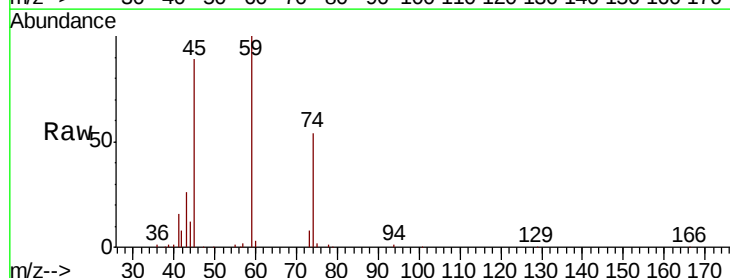
Tot Ion:101 Resp: 779934
Ion Ratio Lower Upper
101 100
103 68.2 54.6 81.8

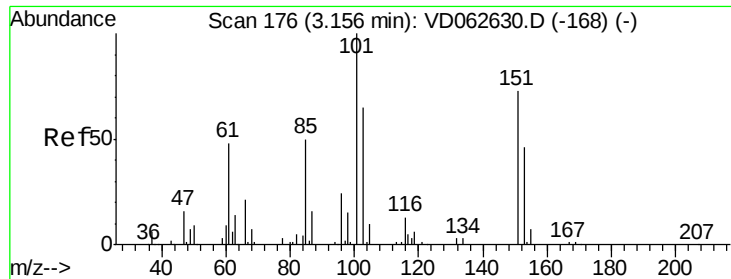


#8

Diethyl Ether
Concen: 51.565 ug/l
RT: 2.87 min Scan# 147
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 74 Resp: 93777
Ion Ratio Lower Upper
74 100
45 165.0 82.5 247.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.079 ug/l

RT: 3.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

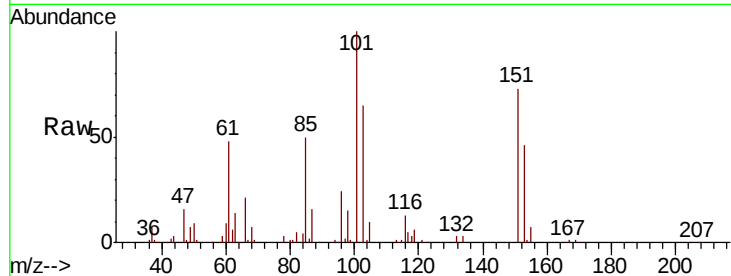
Tot Ion:101 Resp: 451197

Ion Ratio Lower Upper

101 100

85 49.7 39.8 59.6

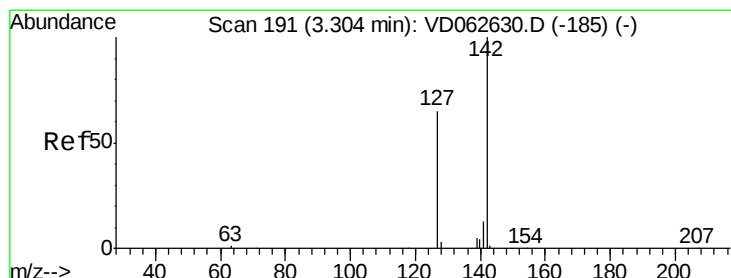
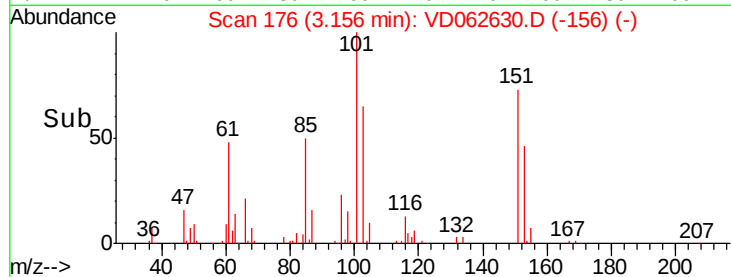
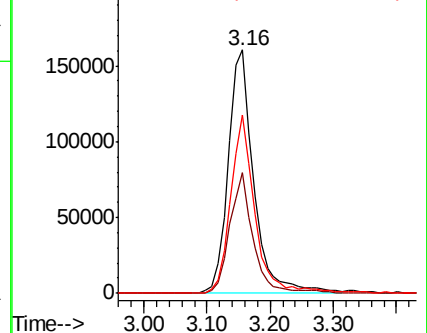
151 73.0 58.4 87.6



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: 53.882 ug/l

RT: 3.30 min Scan# 191

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

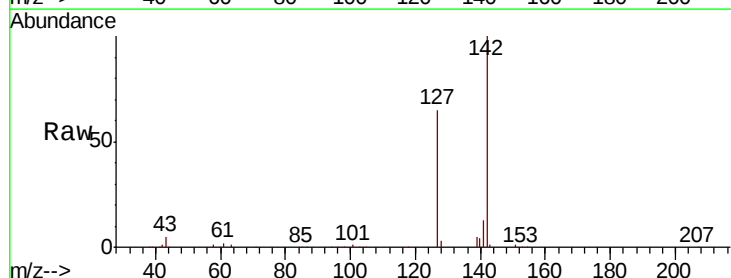
Tgt Ion:142 Resp: 540273

Ion Ratio Lower Upper

142 100

127 65.1 52.1 78.1

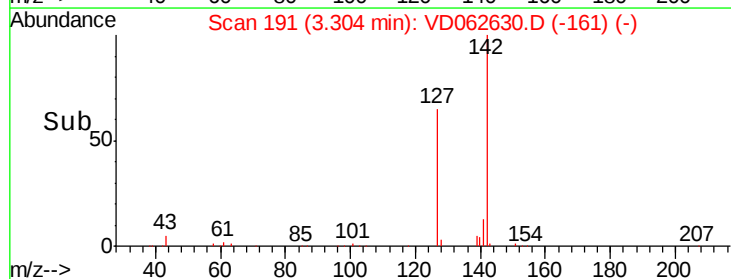
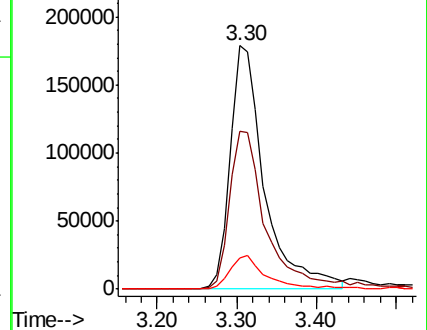
141 12.9 10.3 15.5

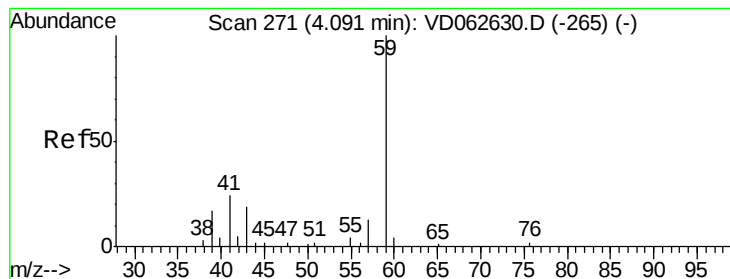


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



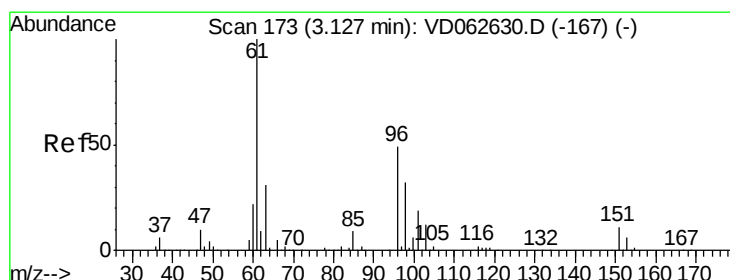
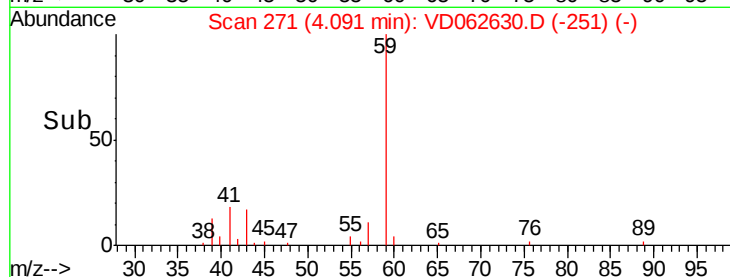
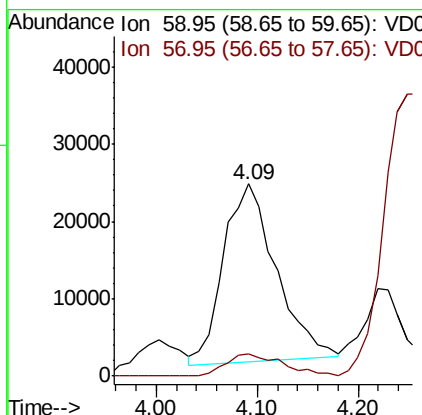
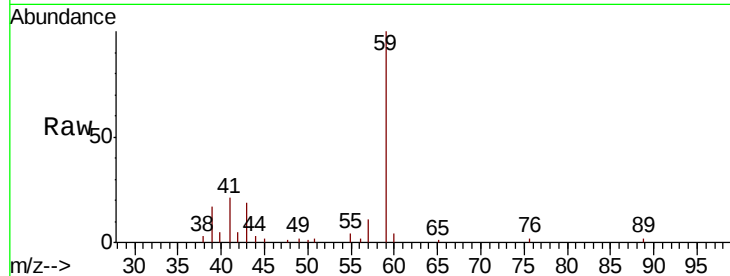


#11

Tert butyl alcohol
 Concen: 208.425 ug/l
 RT: 4.09 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

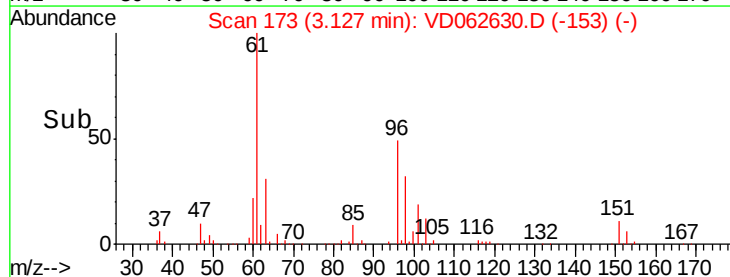
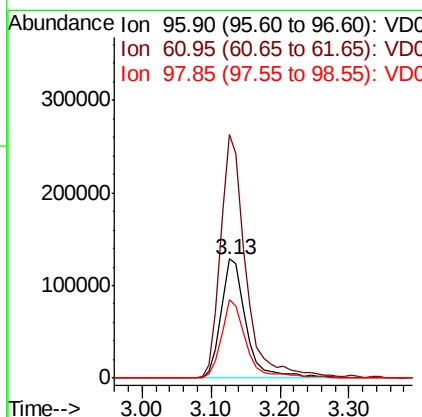
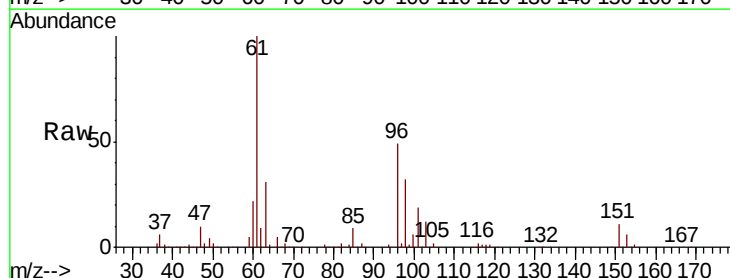
Tot Ion: 59 Resp: 83920
 Ion Ratio Lower Upper
 59 100
 57 11.5 9.2 13.8

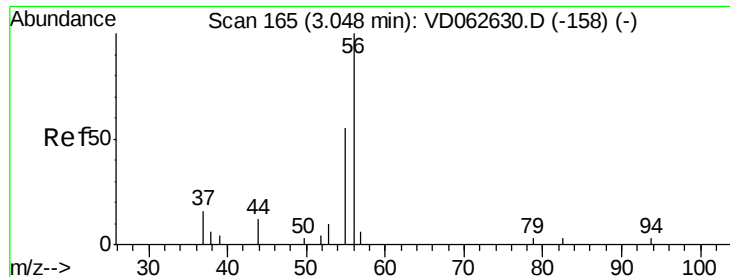


#12

1,1-Dichloroethene
 Concen: 56.034 ug/l
 RT: 3.13 min Scan# 173
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Tgt Ion: 96 Resp: 325216
 Ion Ratio Lower Upper
 96 100
 61 204.5 163.6 245.4
 98 65.6 52.5 78.7





#13

Acrolein

Concen: 246.634 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

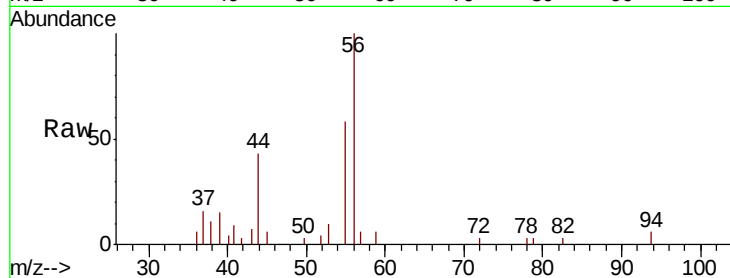
VSTDICCC050

Tot Ion: 56 Resp: 35914

Ion Ratio Lower Upper

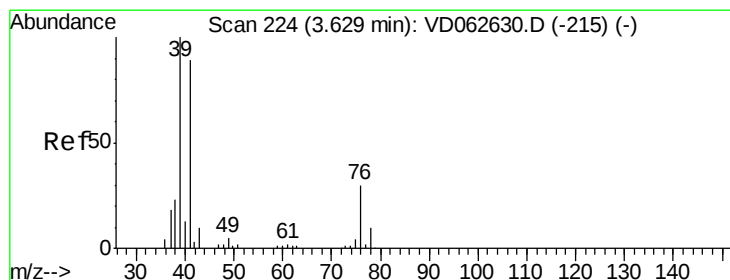
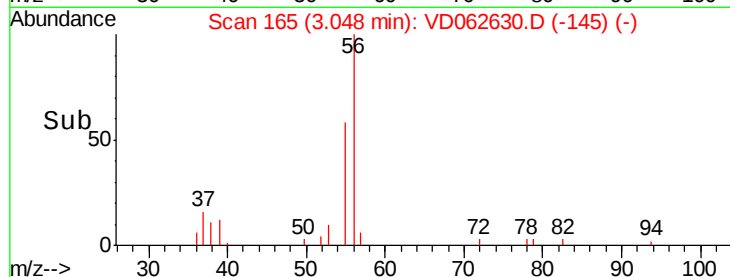
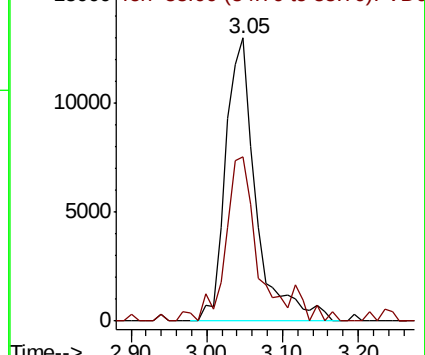
56 100

55 57.9 46.3 69.5



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 54.909 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

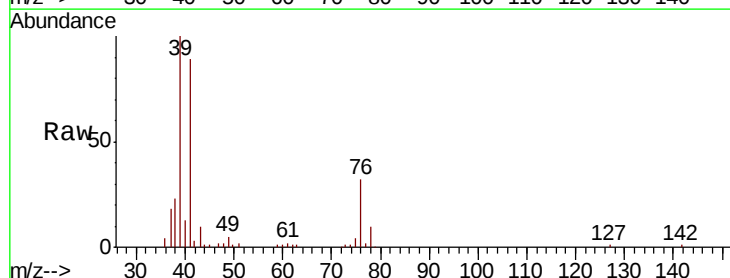
Tgt Ion: 41 Resp: 485329

Ion Ratio Lower Upper

41 100

39 112.6 90.1 135.1

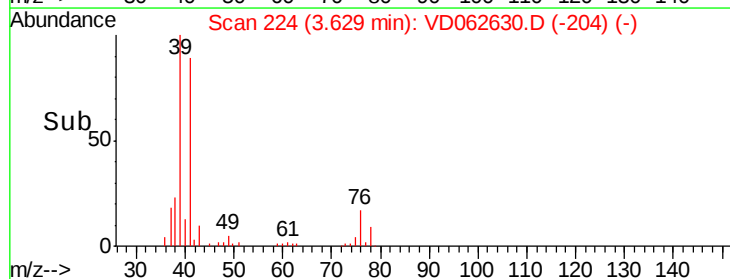
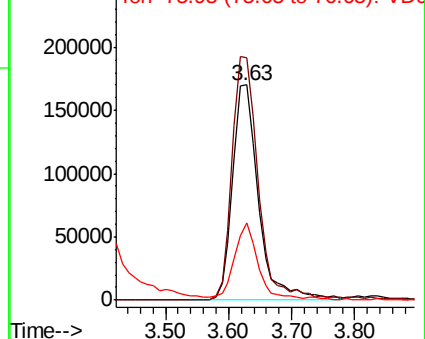
76 36.1 28.9 43.3

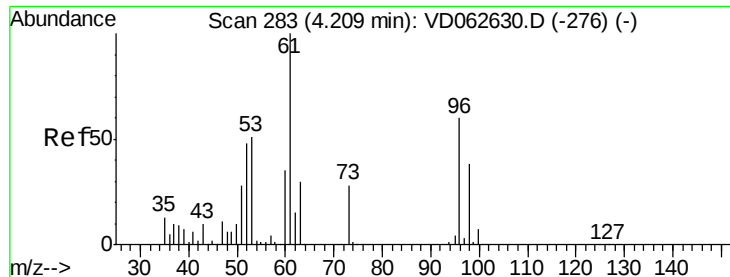


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 267.105 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

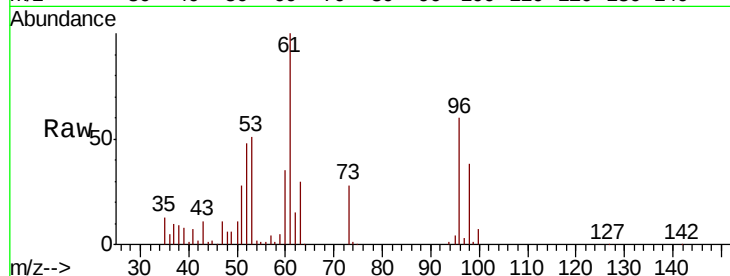
Tot Ion: 53 Resp: 239038

Ion Ratio Lower Upper

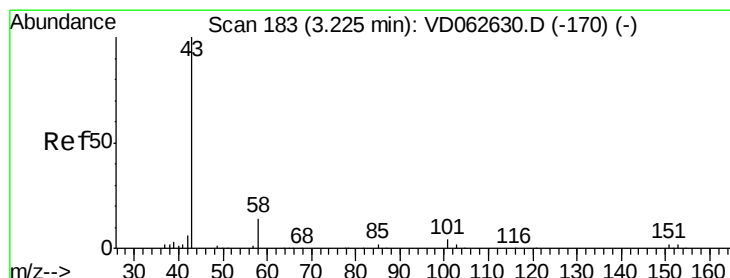
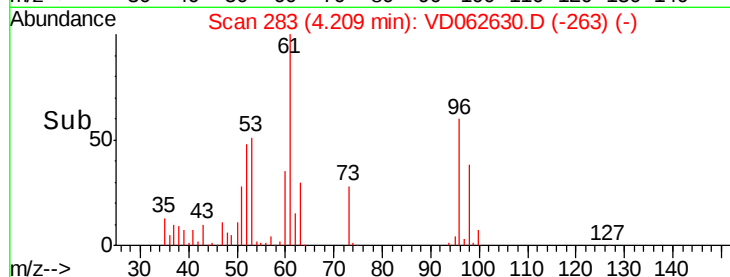
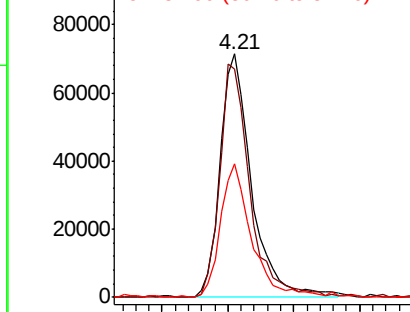
53 100

52 93.5 74.8 112.2

51 54.9 43.9 65.9



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



#16

Acetone

Concen: 300.055 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062630.D

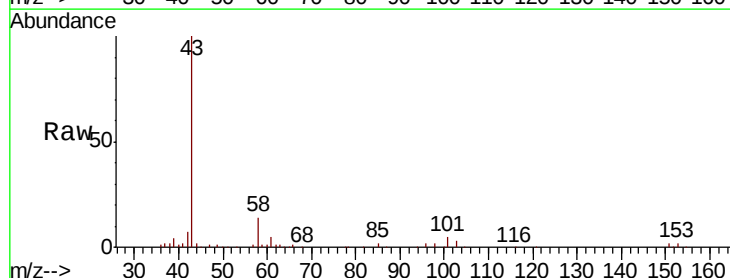
Acq: 6 Jun 2019 17:47

Tgt Ion: 43 Resp: 501699

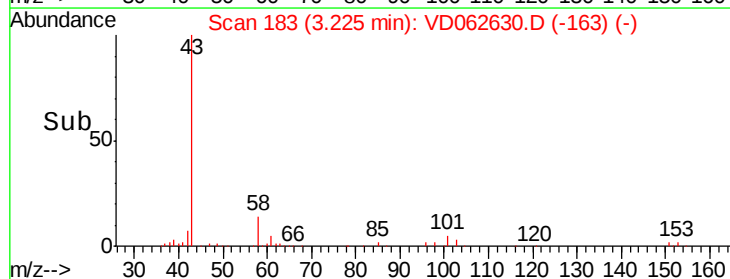
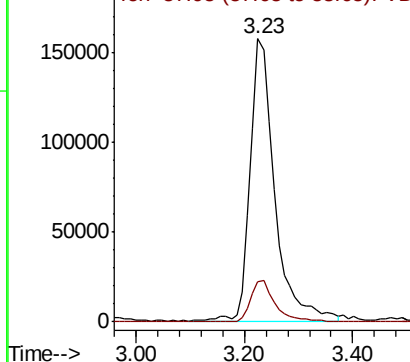
Ion Ratio Lower Upper

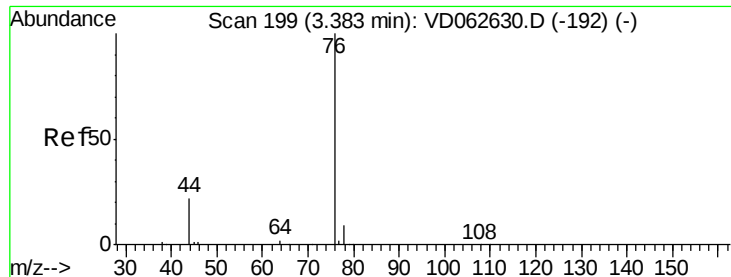
43 100

58 14.1 11.3 16.9



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

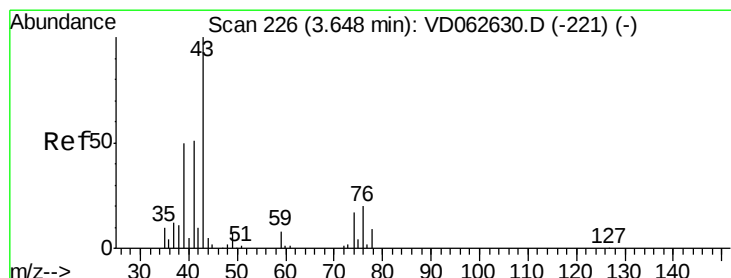
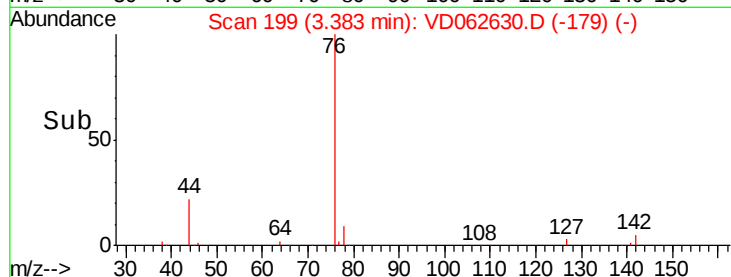
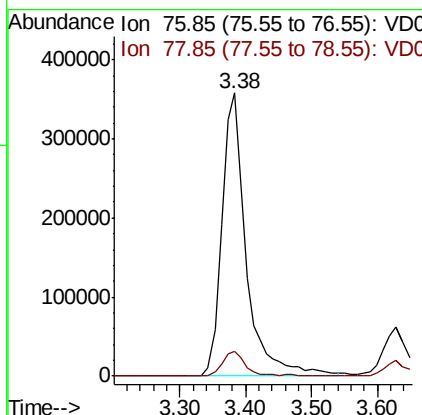
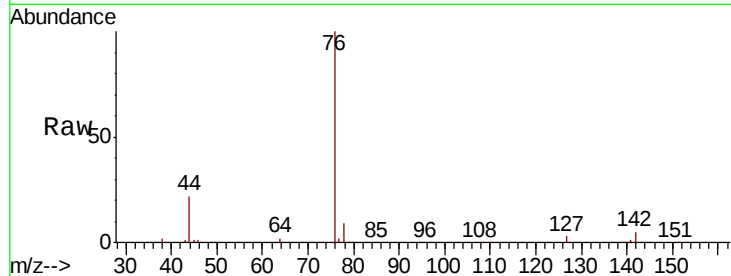




#17
Carbon Disulfide
Concen: 54.480 ug/l
RT: 3.38 min Scan# 199
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

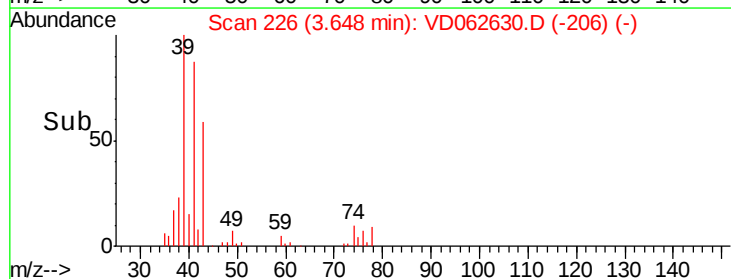
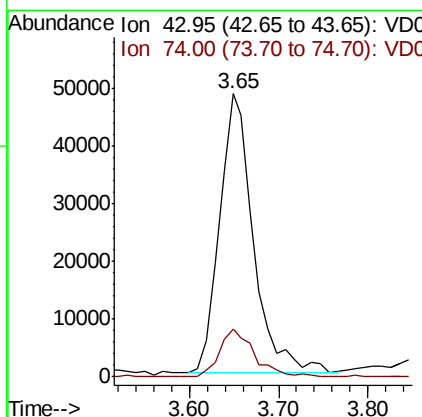
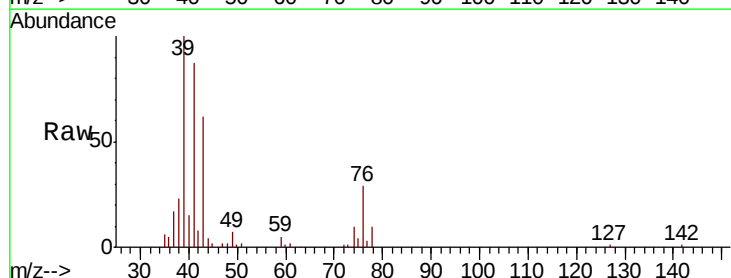
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

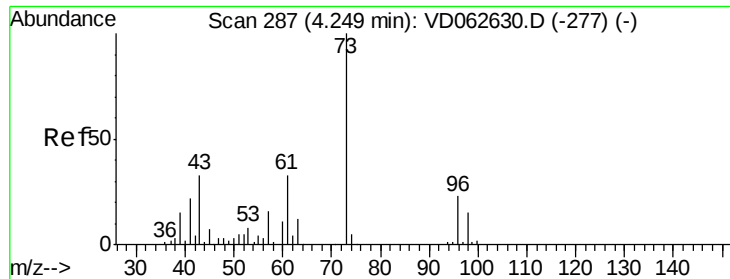
Tot Ion: 76 Resp: 922588
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 44.185 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 43 Resp: 129130
Ion Ratio Lower Upper
43 100
74 16.8 13.4 20.2

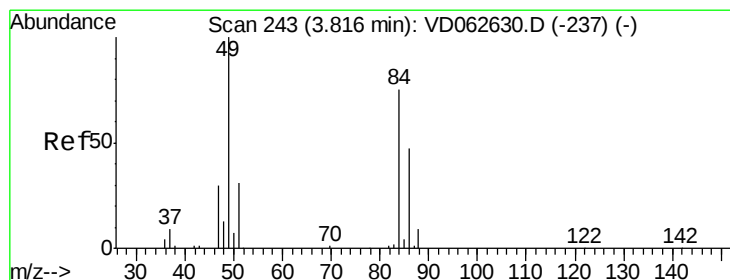
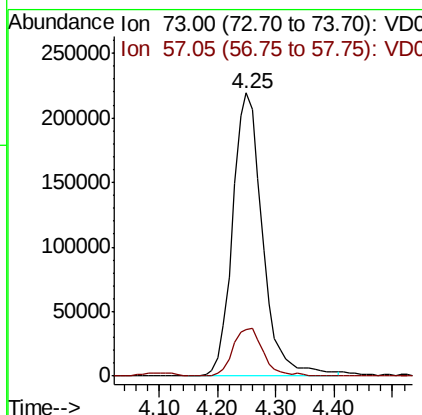
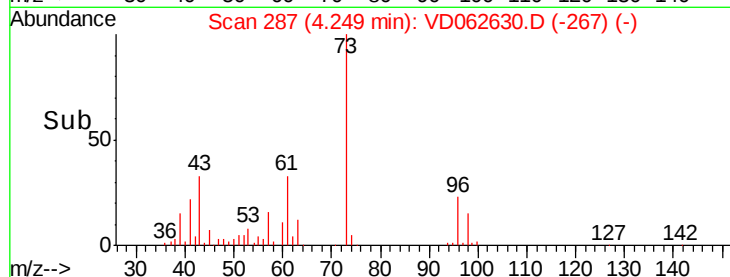
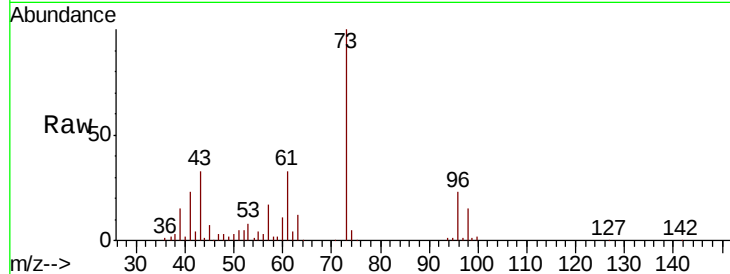




#19
Methyl tert-butyl Ether
Concen: 55.334 ug/l
RT: 4.25 min Scan# 287
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

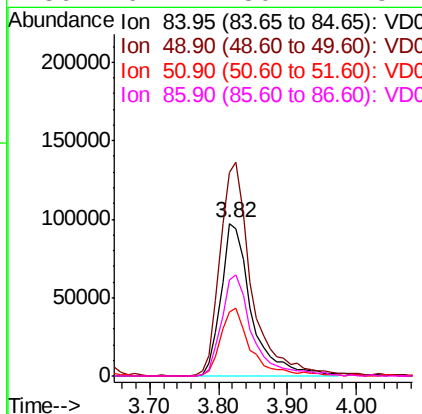
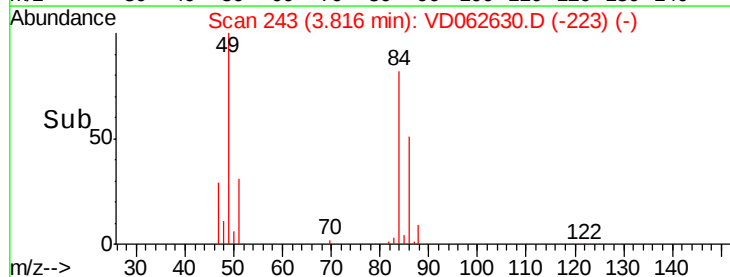
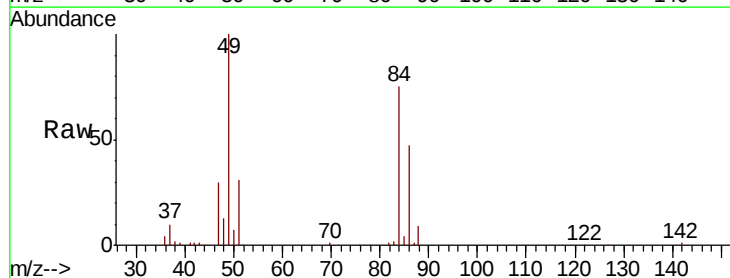
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

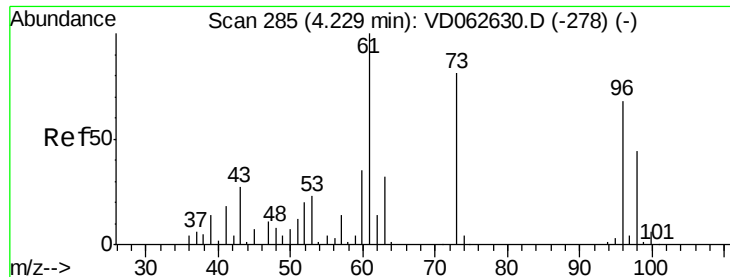
Tot Ion: 73 Resp: 786066
Ion Ratio Lower Upper
73 100
57 16.7 13.4 20.0



#20
Methylene Chloride
Concen: 46.766 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 84 Resp: 298212
Ion Ratio Lower Upper
84 100
49 133.9 107.1 160.7
51 41.9 33.5 50.3
86 62.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 56.599 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

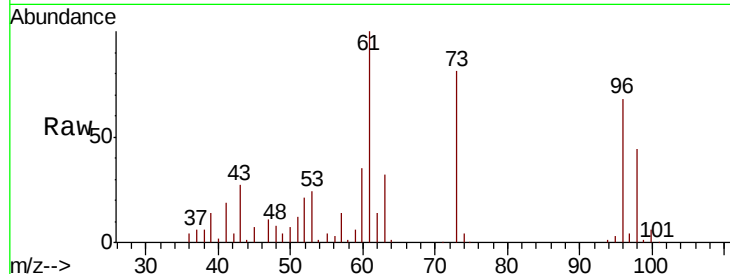
Tot Ion: 96 Resp: 362060

Ion Ratio Lower Upper

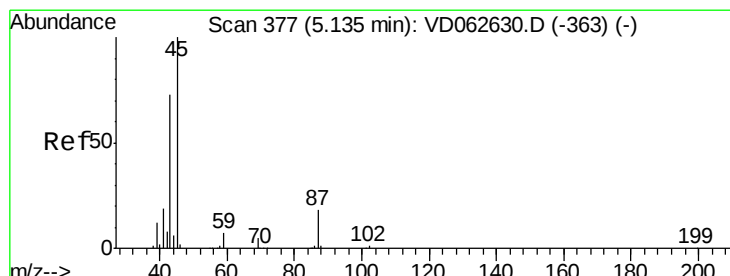
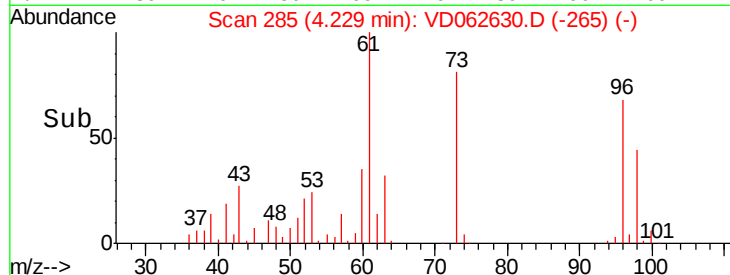
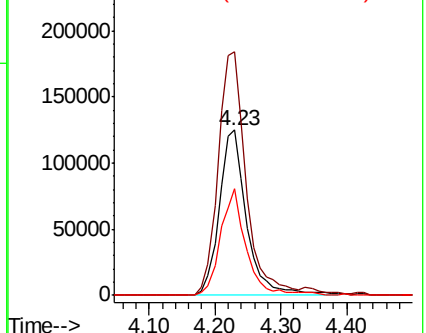
96 100

61 147.5 118.0 177.0

98 64.8 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: 53.621 ug/l

RT: 5.13 min Scan# 377

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Tgt Ion: 45 Resp: 996546

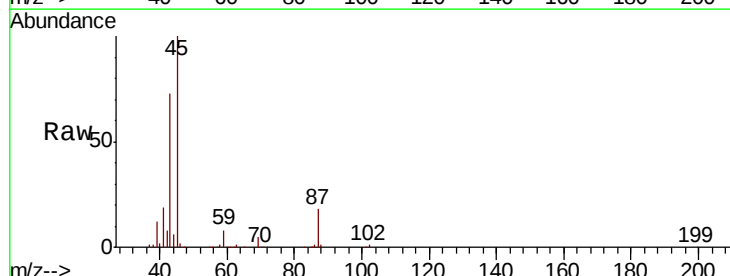
Ion Ratio Lower Upper

45 100

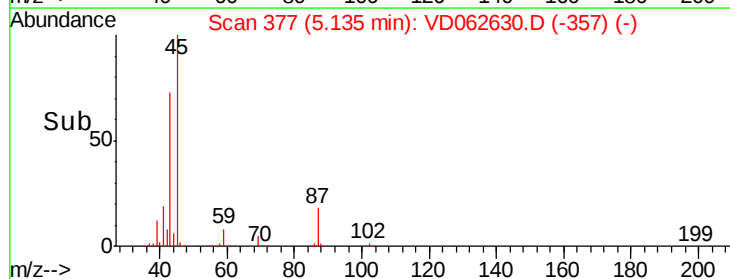
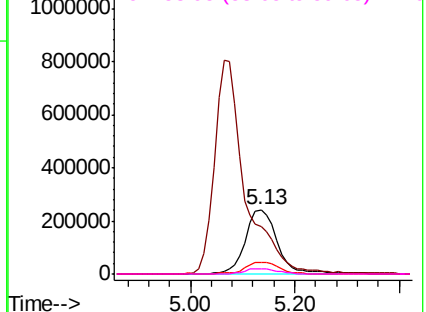
43 73.4 58.7 88.1

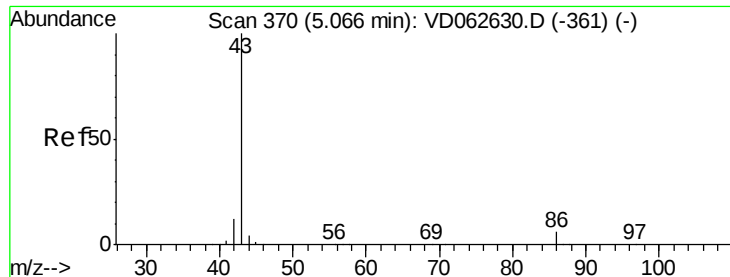
87 18.2 14.6 21.8

59 8.0 6.4 9.6



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

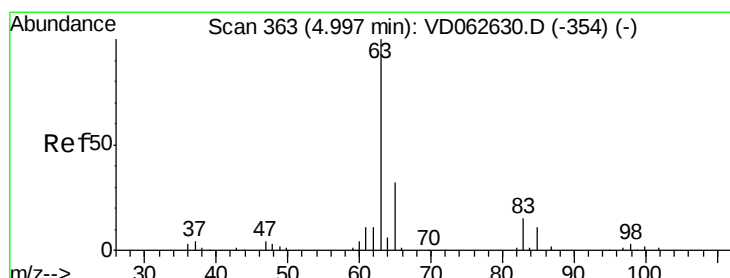
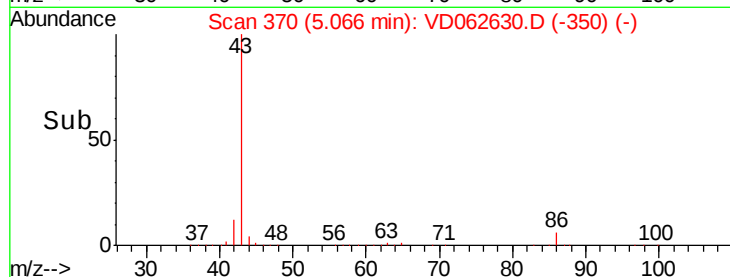
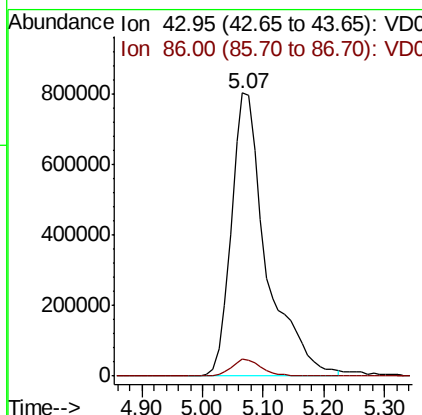
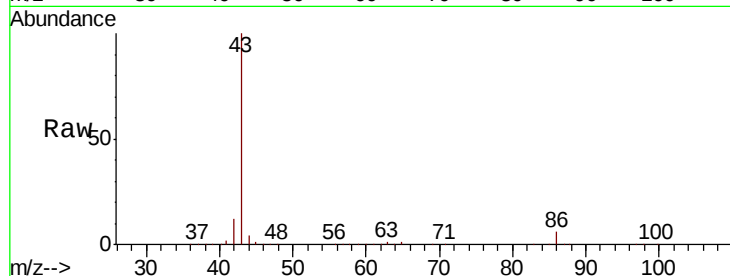




#23
 Vinyl Acetate
 Concen: 283.681 ug/l
 RT: 5.07 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

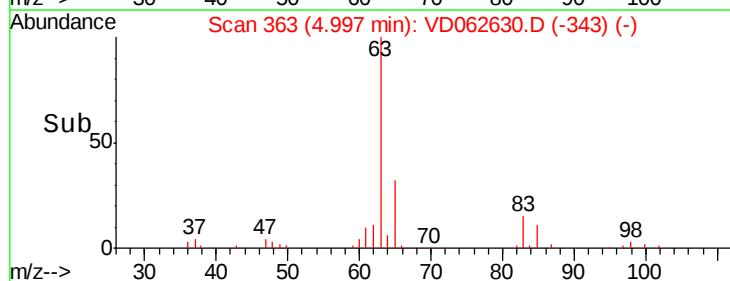
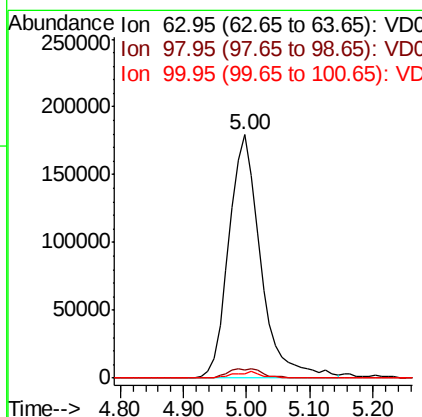
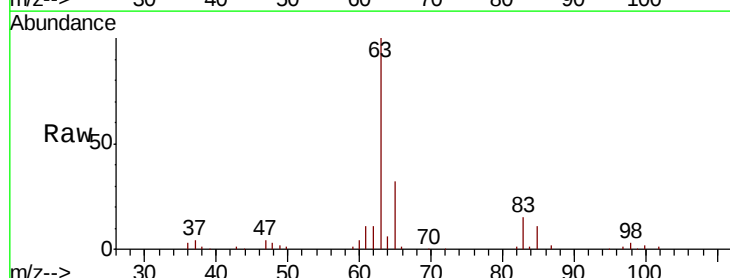
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

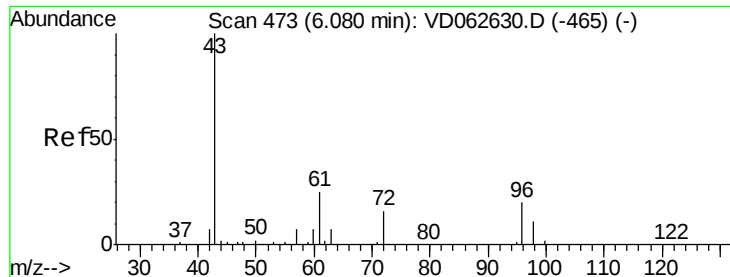
Tot Ion: 43 Resp: 3243377
 Ion Ratio Lower Upper
 43 100
 86 6.3 5.0 7.6



#24
 1,1-Dichloroethane
 Concen: 53.184 ug/l
 RT: 5.00 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Tgt Ion: 63 Resp: 628892
 Ion Ratio Lower Upper
 63 100
 98 3.4 1.7 5.1
 100 2.0 1.0 3.0





#25

2-Butanone

Concen: 269.301 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

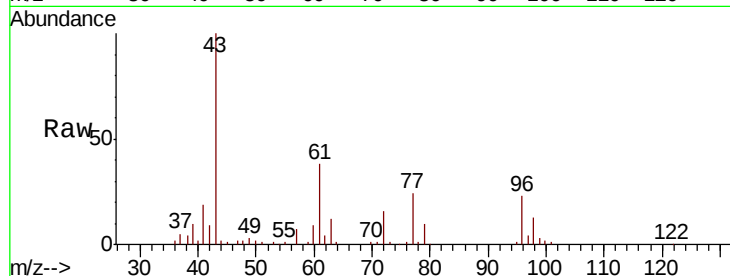
VSTDICCC050

Tot Ion: 43 Resp: 418494

Ion Ratio Lower Upper

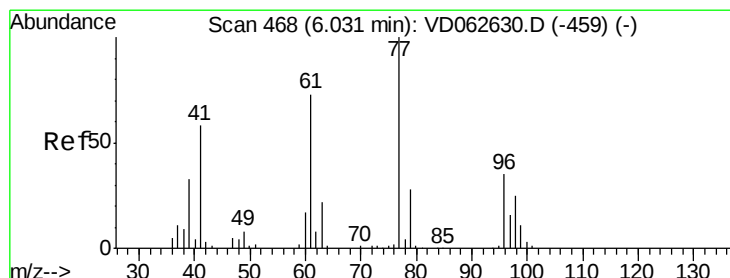
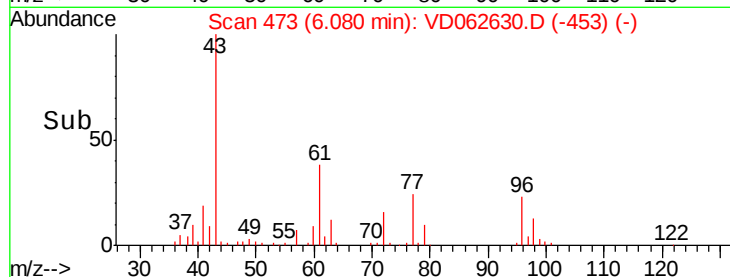
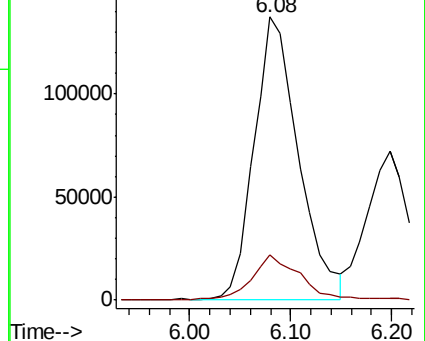
43 100

72 16.1 12.9 19.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 56.221 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.00 min

Lab File: VD062630.D

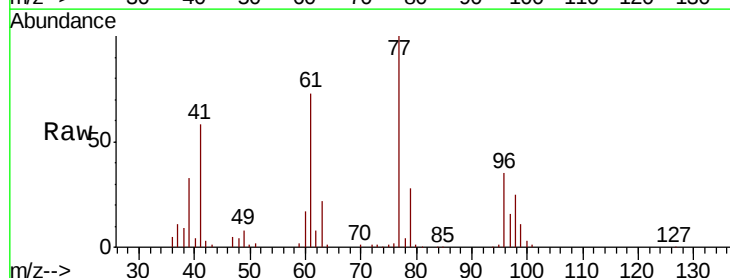
Acq: 6 Jun 2019 17:47

Tgt Ion: 77 Resp: 726247

Ion Ratio Lower Upper

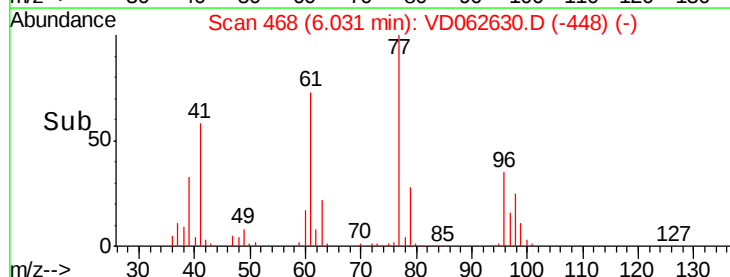
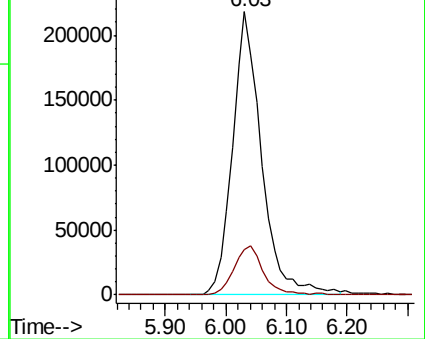
77 100

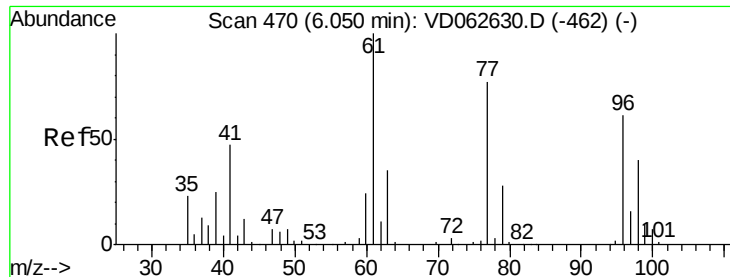
97 15.8 7.9 23.7



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



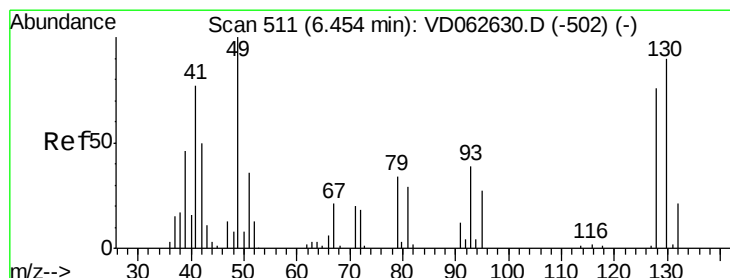
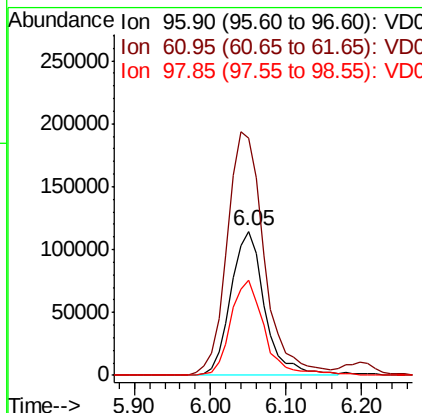
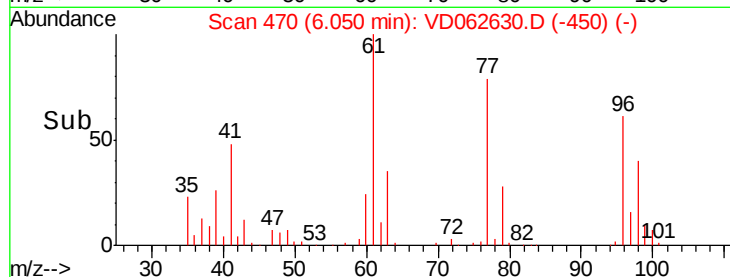
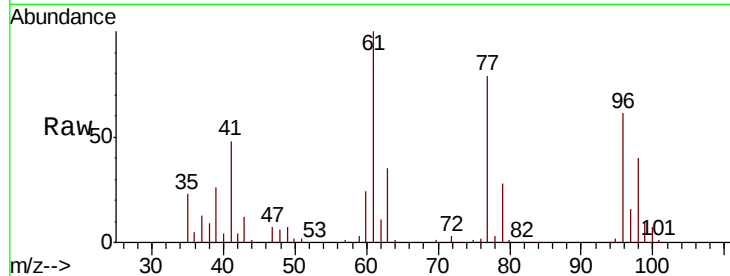


#27

cis-1,2-Dichloroethene
Concen: 52.110 ug/l
RT: 6.05 min Scan# 470
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

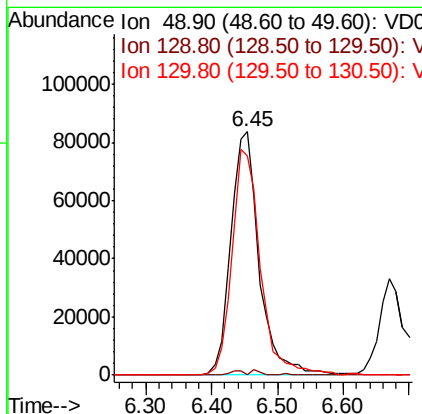
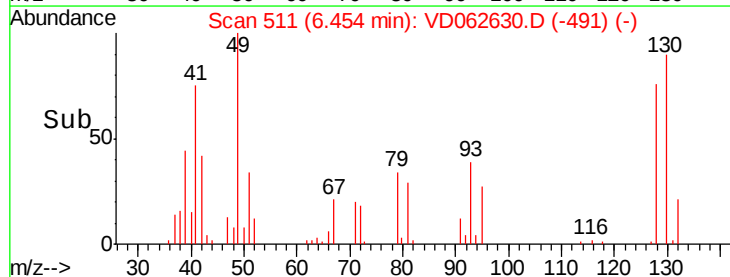
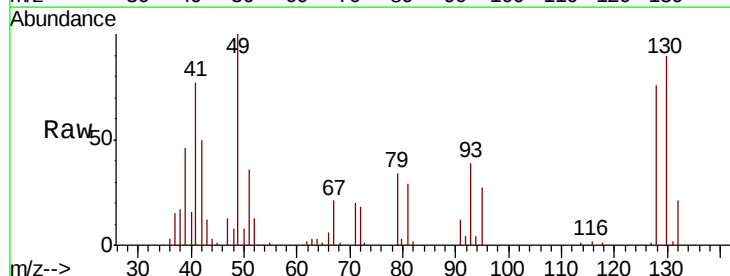
Tot Ion: 96 Resp: 352941
Ion Ratio Lower Upper
96 100
61 165.1 0.0 330.2
98 66.2 0.0 132.4

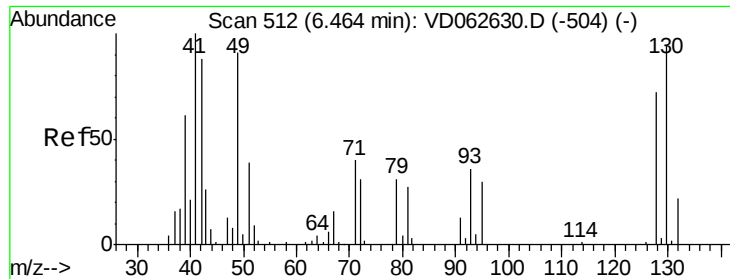


#28

Bromochloromethane
Concen: 56.145 ug/l
RT: 6.45 min Scan# 511
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 49 Resp: 253077
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 90.2 72.2 108.2

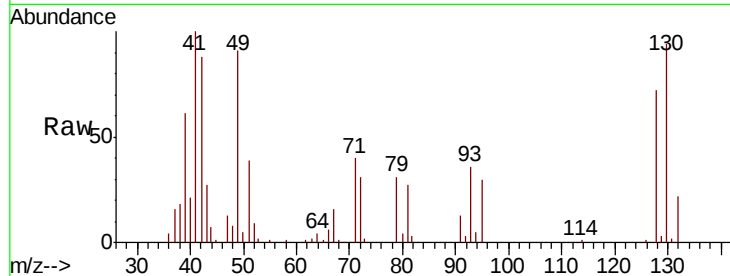




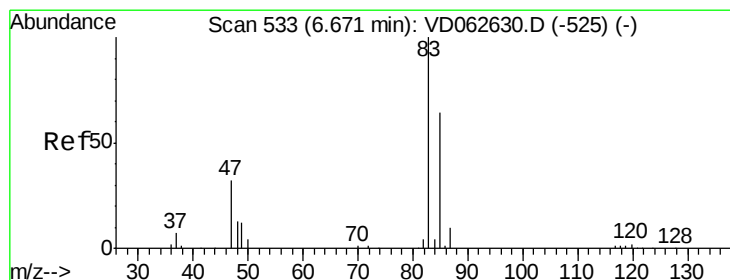
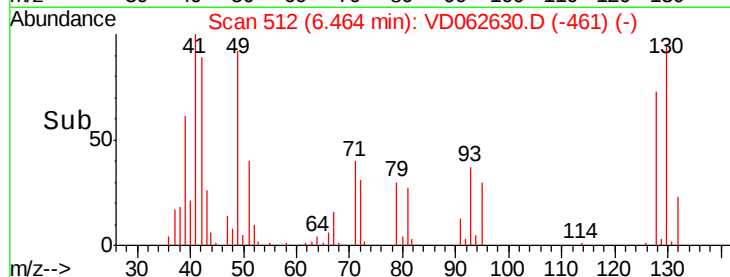
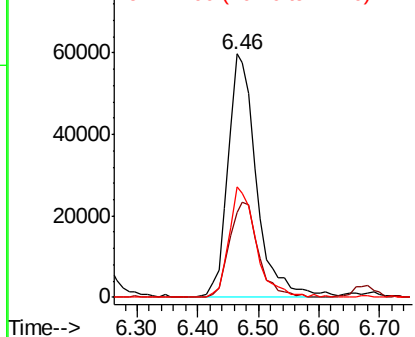
#29
Tetrahydrofuran
Concen: 269.893 ug/l
RT: 6.46 min Scan# 512
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 42 Resp: 195631
Ion Ratio Lower Upper
42 100
72 39.3 31.4 47.2
71 42.5 34.0 51.0

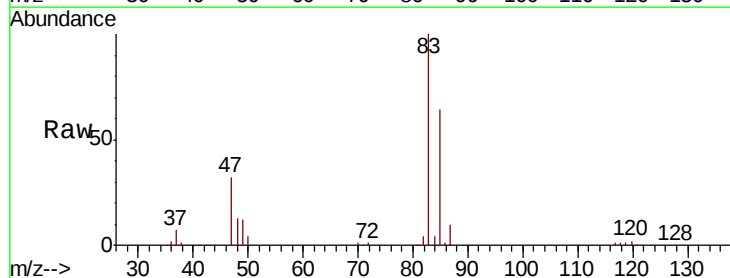


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

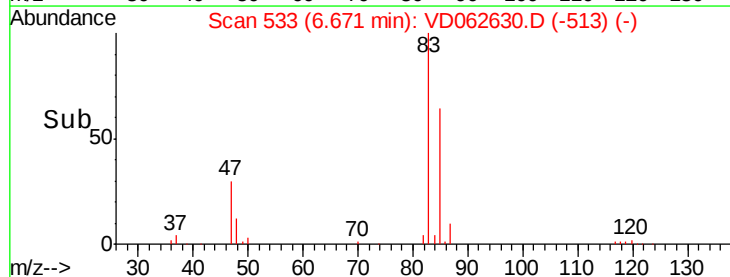
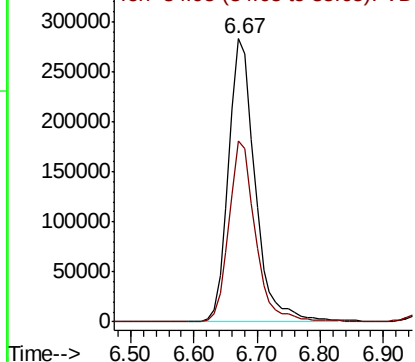


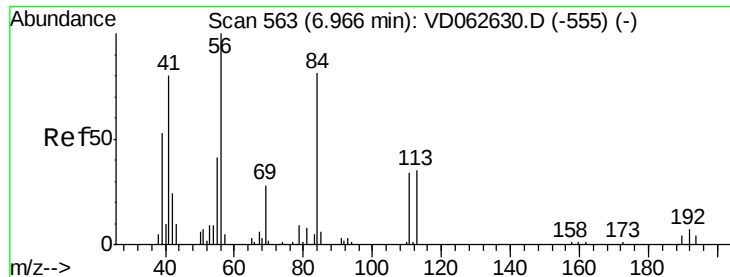
#30
Chloroform
Concen: 55.757 ug/l
RT: 6.67 min Scan# 533
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 83 Resp: 825347
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6



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

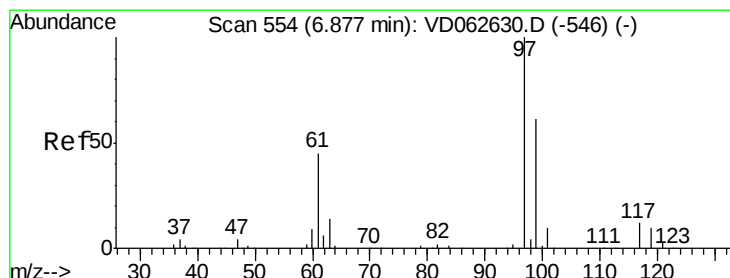
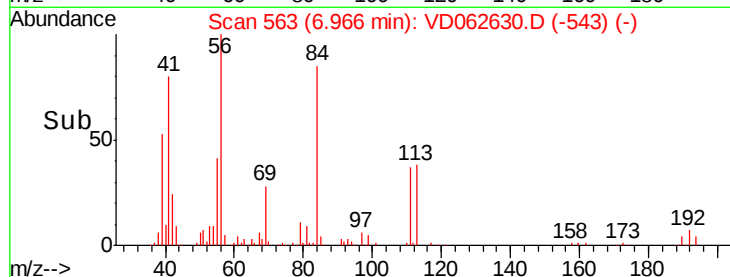
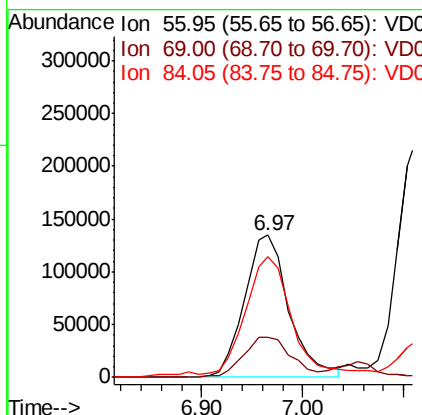
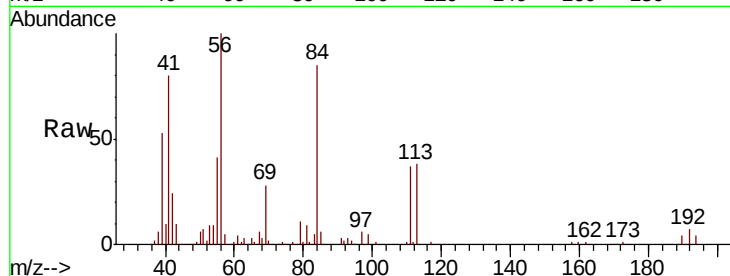




#31
Cyclohexane
Concen: 54.520 ug/l
RT: 6.97 min Scan# 563
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

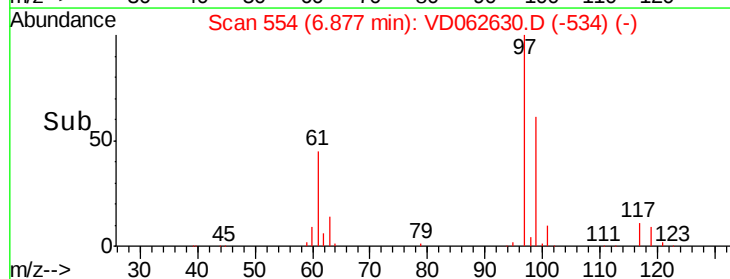
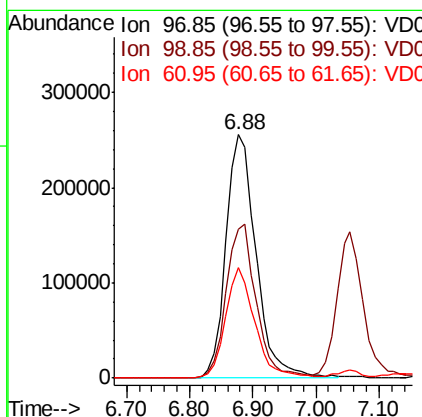
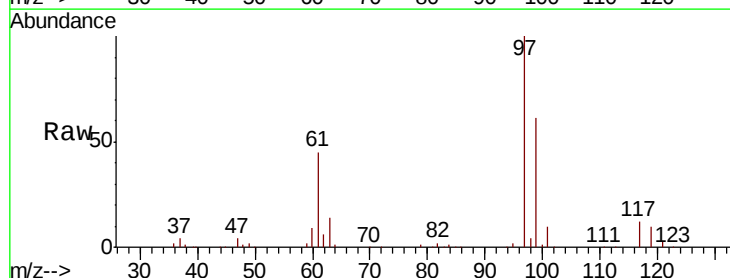
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

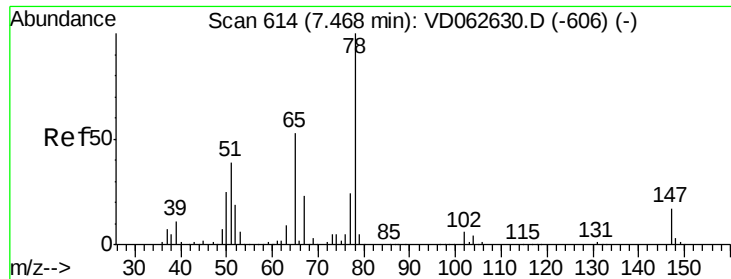
Tot Ion: 56 Resp: 414464
Ion Ratio Lower Upper
56 100
69 28.0 22.4 33.6
84 84.8 67.8 101.8



#32
1,1,1-Trichloroethane
Concen: 56.289 ug/l
RT: 6.88 min Scan# 554
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 97 Resp: 845879
Ion Ratio Lower Upper
97 100
99 61.3 49.0 73.6
61 45.2 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 56.201 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

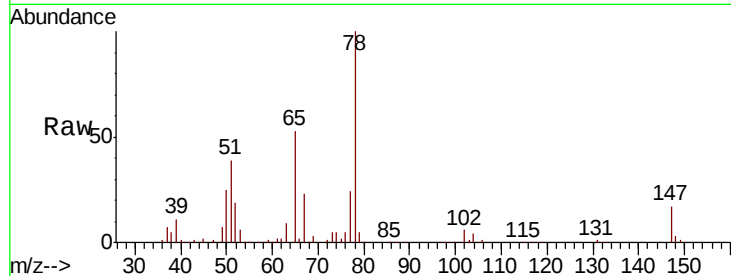
VSTDICCC050

Tot Ion: 65 Resp: 520068

Ion Ratio Lower Upper

65 100

67 43.0 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

200000

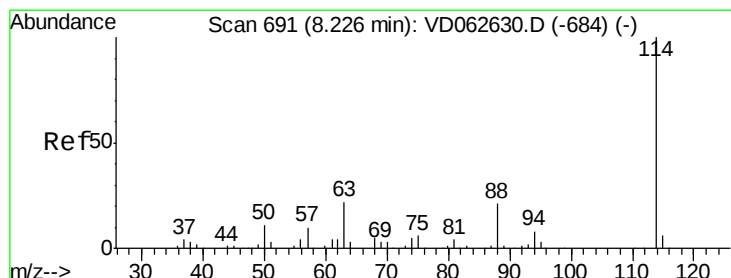
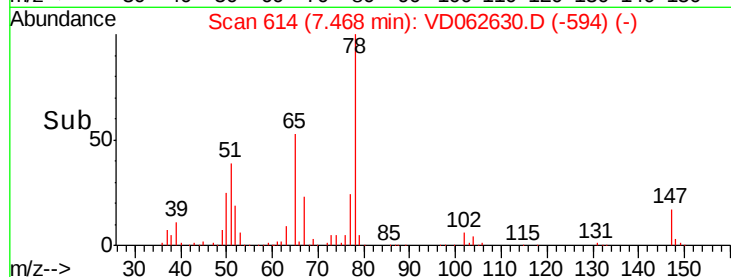
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

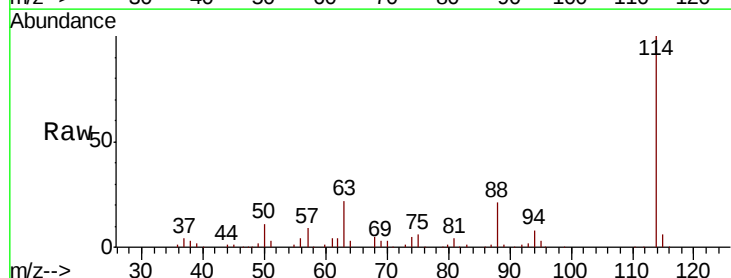
Tgt Ion: 114 Resp: 931014

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.6

88 20.7 0.0 41.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.23

500000

400000

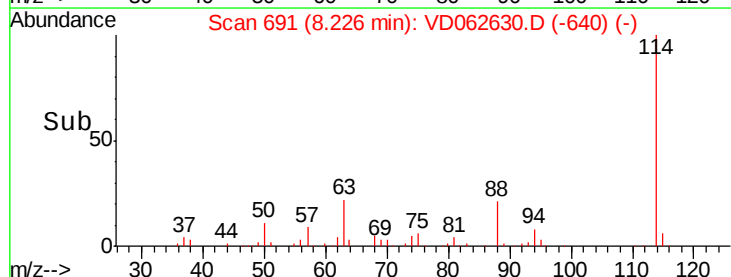
300000

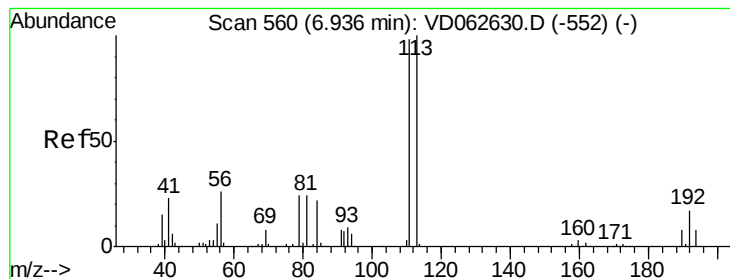
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 55.245 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

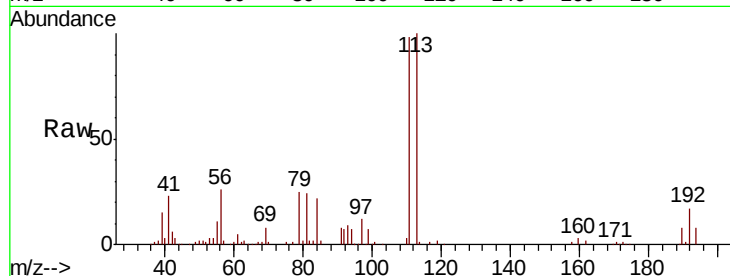
Tot Ion:113 Resp: 524812

Ion Ratio Lower Upper

113 100

111 98.1 78.5 117.7

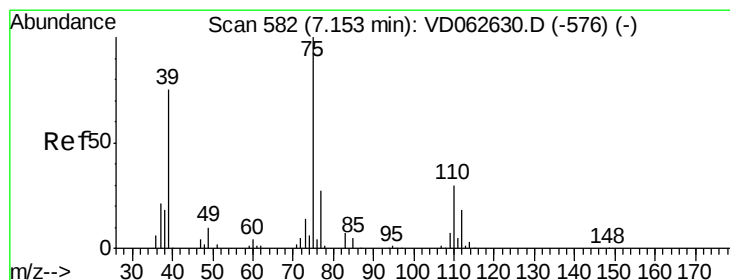
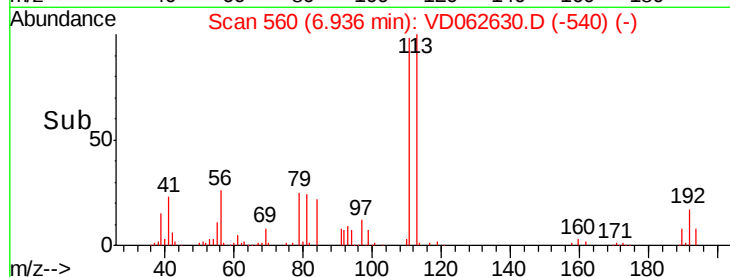
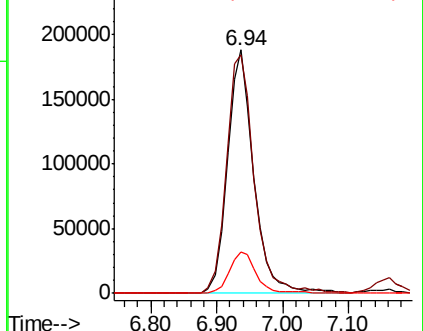
192 17.2 13.8 20.6



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: 54.033 ug/l

RT: 7.15 min Scan# 582

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

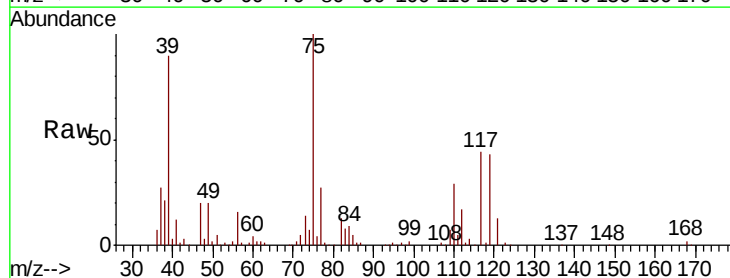
Tgt Ion: 75 Resp: 544585

Ion Ratio Lower Upper

75 100

110 29.5 14.8 44.3

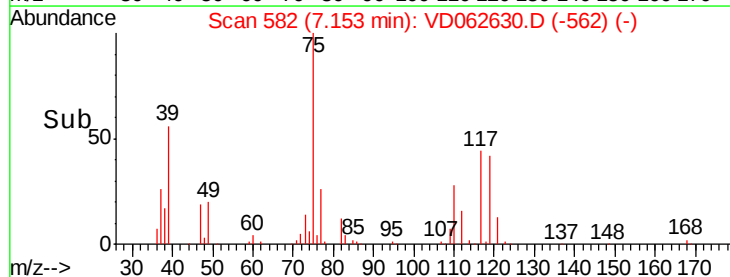
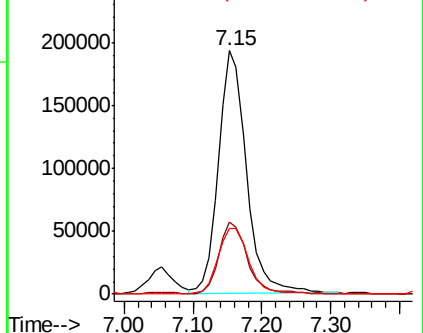
77 27.2 21.8 32.6

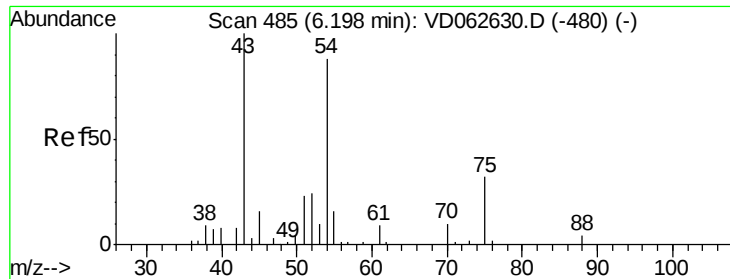


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

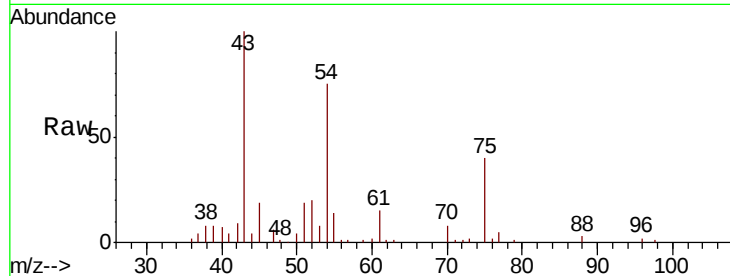




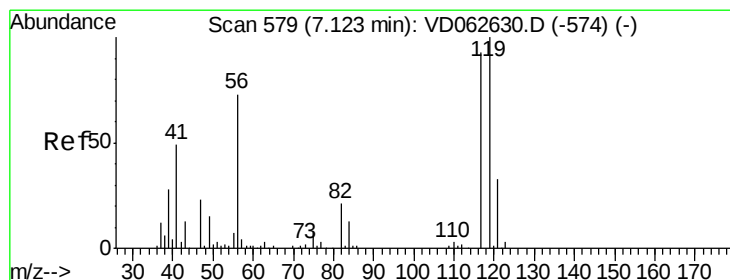
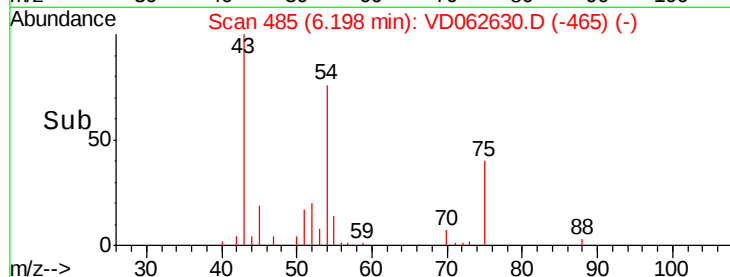
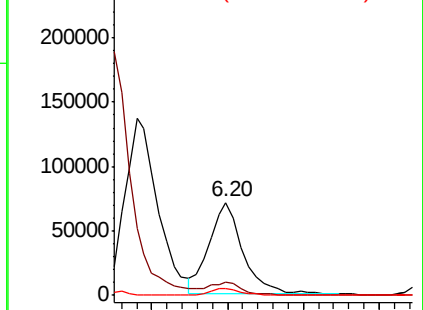
#37
Ethyl Acetate
Concen: 55.476 ug/l
RT: 6.20 min Scan# 485
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Instrument :
MSVOA_D
ClientSampleID :
VSTDICCC050

Tot Ion: 43 Resp: 224061
Ion Ratio Lower Upper
43 100
61 14.6 11.7 17.5
70 7.8 6.2 9.4

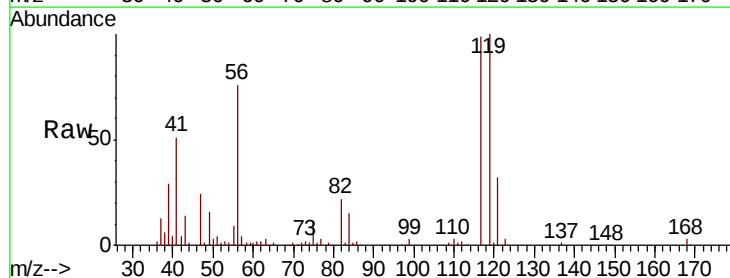


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

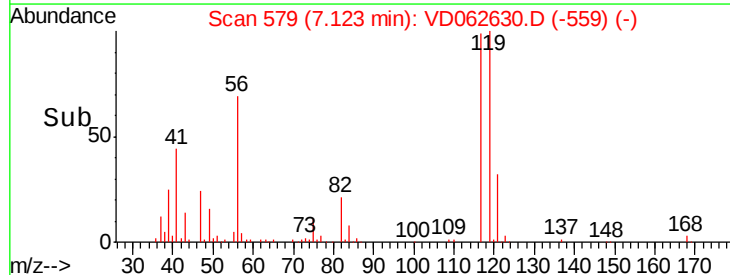
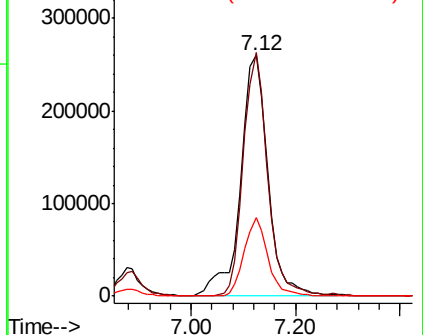


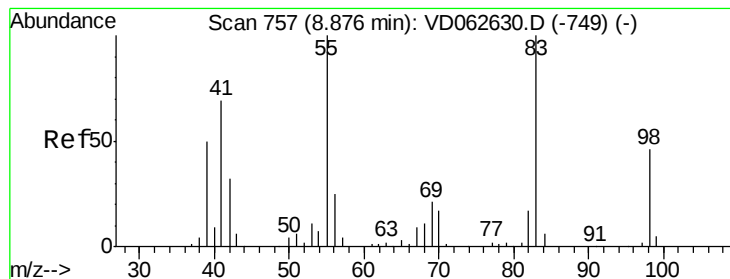
#38
Carbon Tetrachloride
Concen: 60.646 ug/l
RT: 7.12 min Scan# 579
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 117 Resp: 910619
Ion Ratio Lower Upper
117 100
119 101.2 81.0 121.4
121 32.8 26.2 39.4



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





#39

Methvlcvclohexane

Concen: 52.761 ug/l

RT: 8.88 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

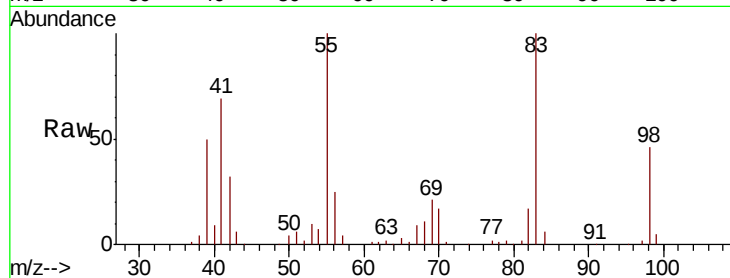
Tot Ion: 83 Resp: 445521

Ion Ratio Lower Upper

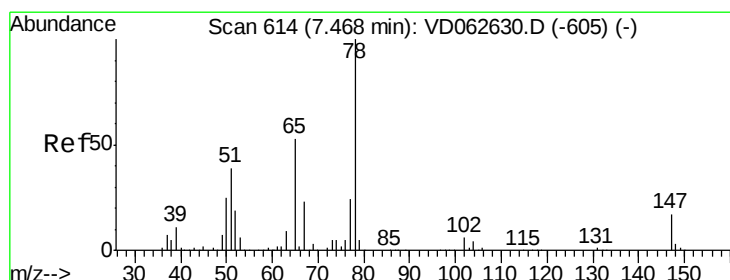
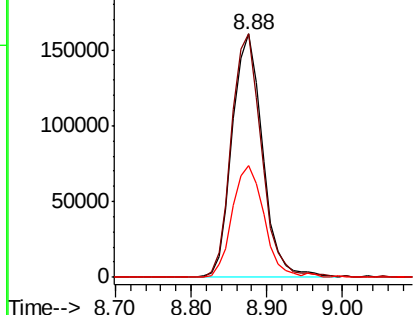
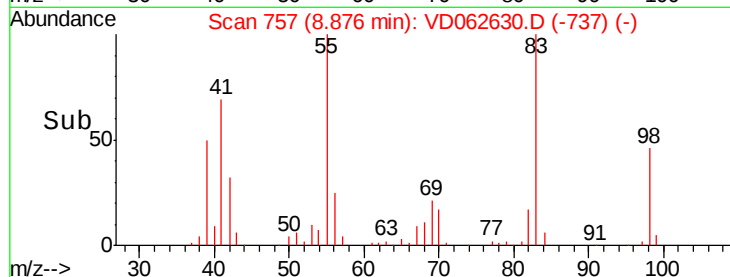
83 100

55 99.8 79.8 119.8

98 46.1 36.9 55.3



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



#40

Benzene

Concen: 52.536 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.00 min

Lab File: VD062630.D

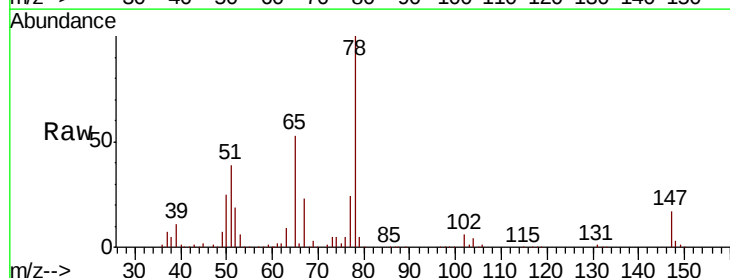
Acq: 6 Jun 2019 17:47

Tgt Ion: 78 Resp: 1022286

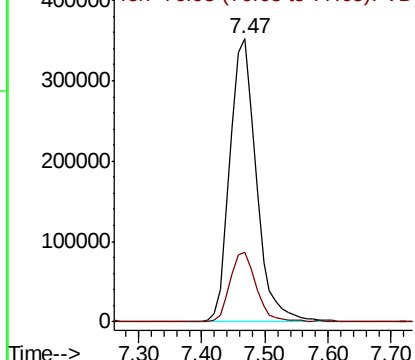
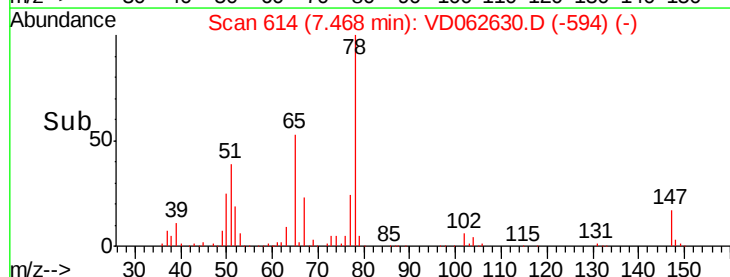
Ion Ratio Lower Upper

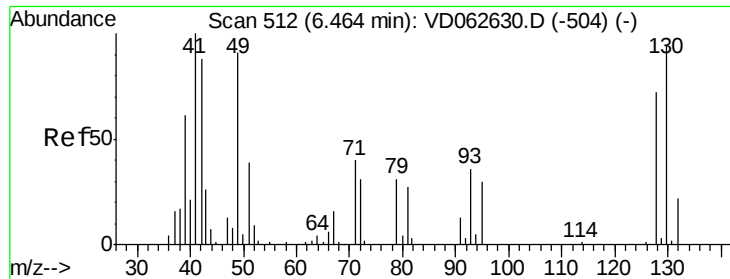
78 100

77 24.4 19.5 29.3



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

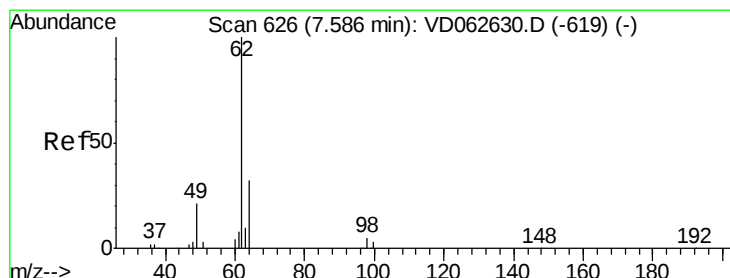
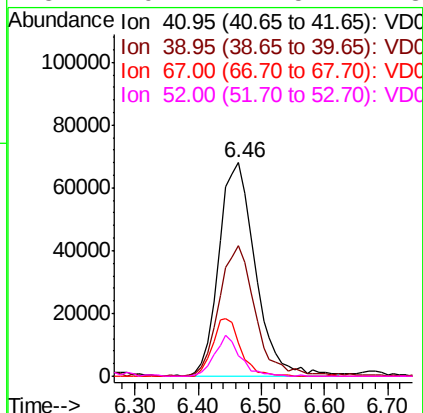
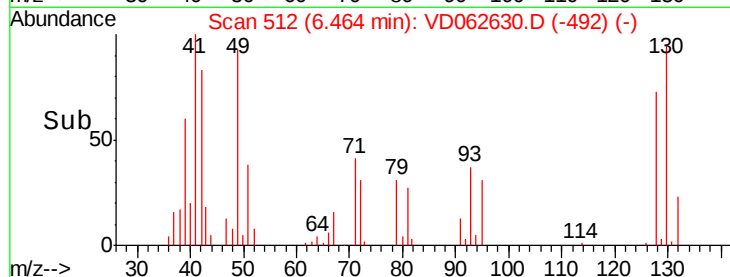
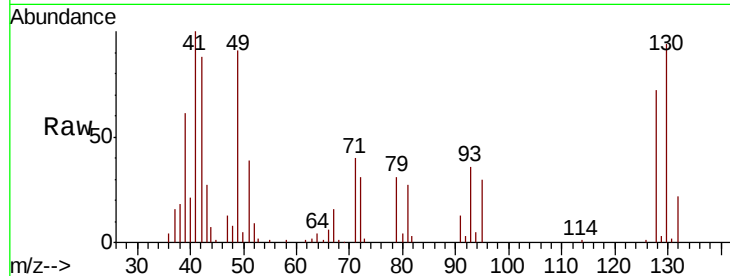




#41
Methacrylonitrile
Concen: 52.990 ug/l
RT: 6.46 min Scan# 512
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

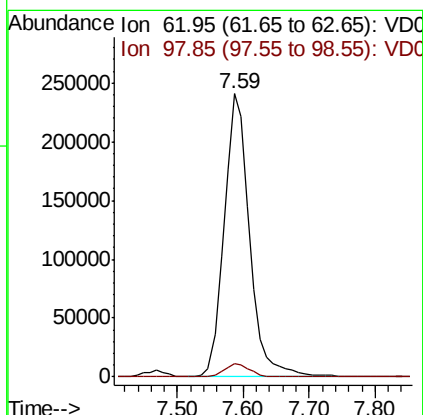
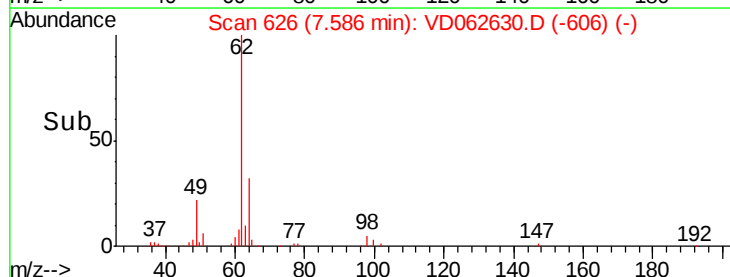
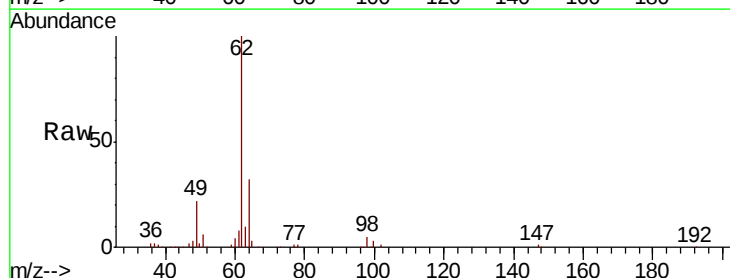
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

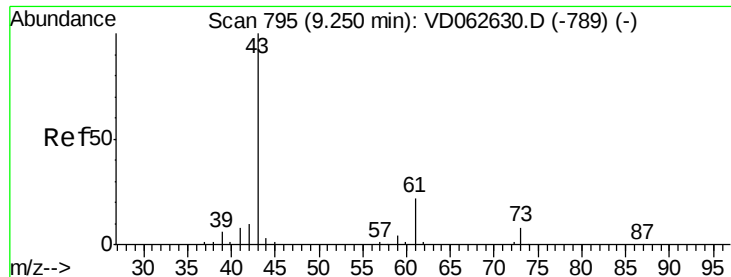
Tot Ion: 41 Resp: 274161
Ion Ratio Lower Upper
41 100
39 61.1 48.9 73.3
67 15.7 12.6 18.8
52 9.4 7.5 11.3



#42
1,2-Dichloroethane
Concen: 55.593 ug/l
RT: 7.59 min Scan# 626
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 62 Resp: 646183
Ion Ratio Lower Upper
62 100
98 4.8 0.0 9.6



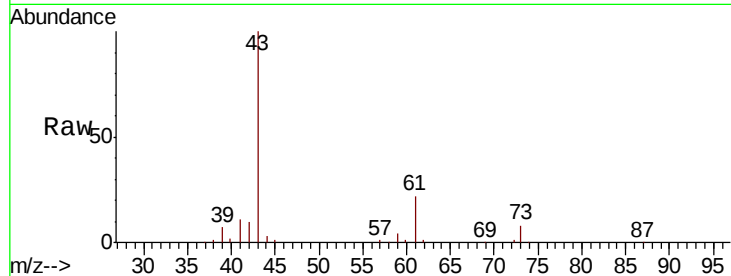


#43

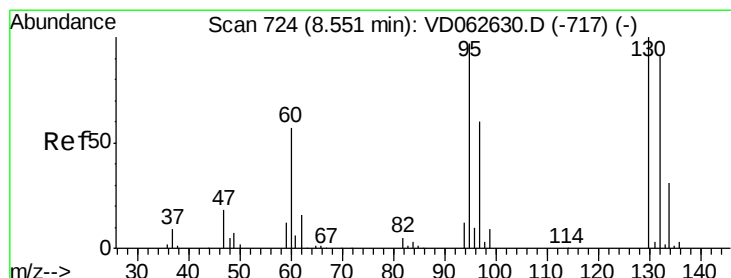
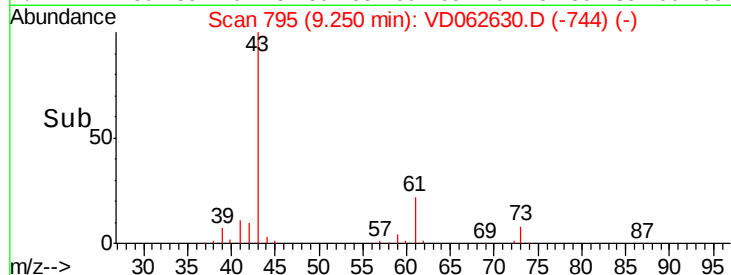
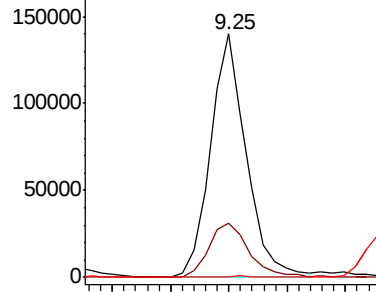
Isopropyl Acetate
 Concen: 53.859 ug/l
 RT: 9.25 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 295679
 Ion Ratio Lower Upper
 43 100
 61 22.3 17.8 26.8
 87 0.4 0.3 0.5



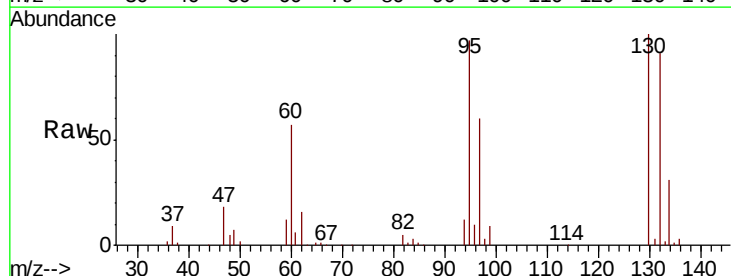
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



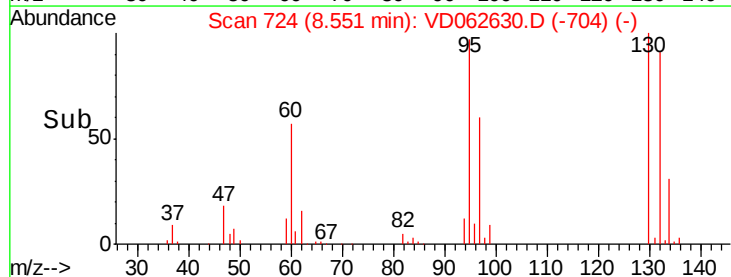
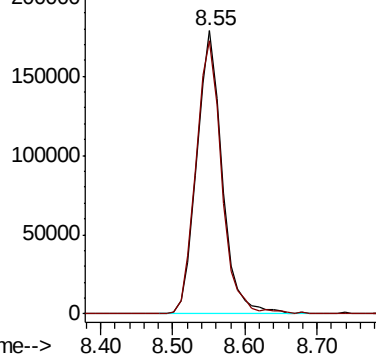
#44

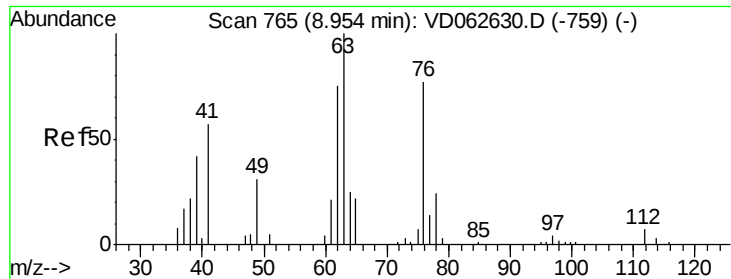
Trichloroethene
 Concen: 54.392 ug/l
 RT: 8.55 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Tgt Ion: 130 Resp: 436727
 Ion Ratio Lower Upper
 130 100
 95 96.6 0.0 193.2



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





#45

1,2-Dichloropropane

Concen: 51.271 ug/l

RT: 8.95 min Scan# 765

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

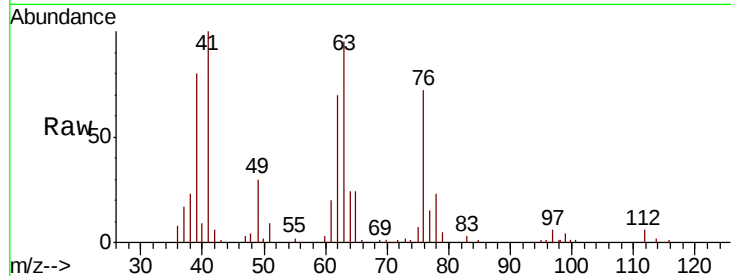
VSTDICCC050

Tot Ion: 63 Resp: 248062

Ion Ratio Lower Upper

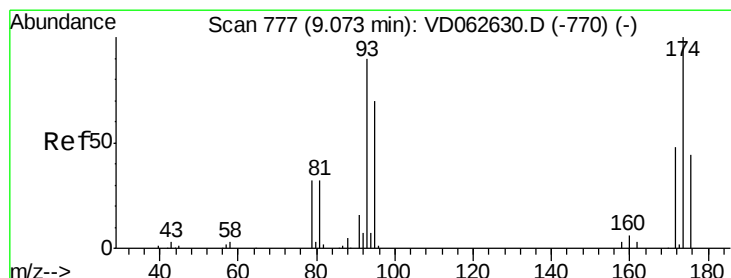
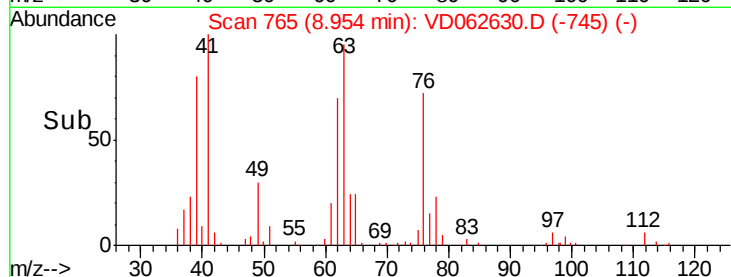
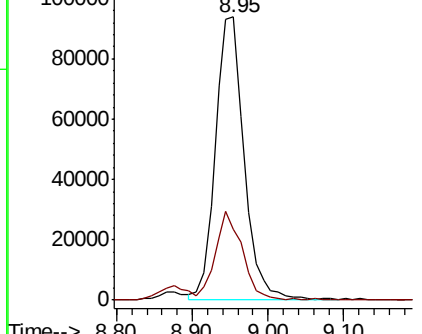
63 100

65 25.1 20.1 30.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 56.478 ug/l

RT: 9.07 min Scan# 777

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

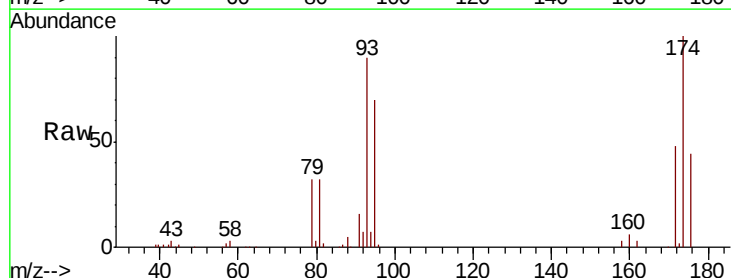
Tgt Ion: 93 Resp: 242382

Ion Ratio Lower Upper

93 100

95 78.5 62.8 94.2

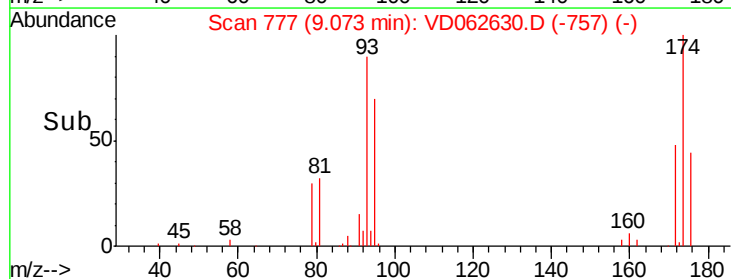
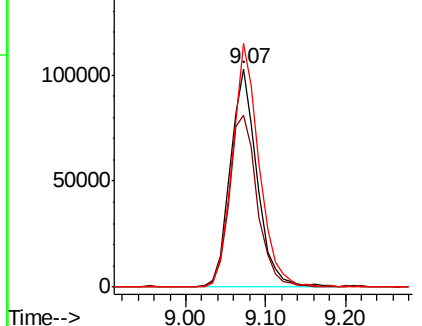
174 111.4 89.1 133.7

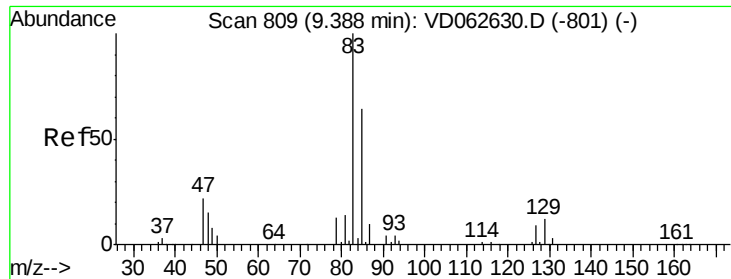


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 55.102 ug/l

RT: 9.39 min Scan# 809

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

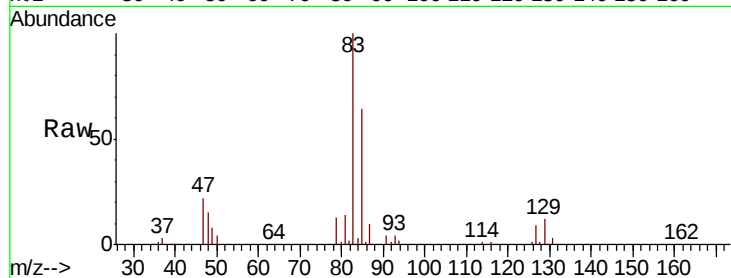
Tot Ion: 83 Resp: 633830

Ion Ratio Lower Upper

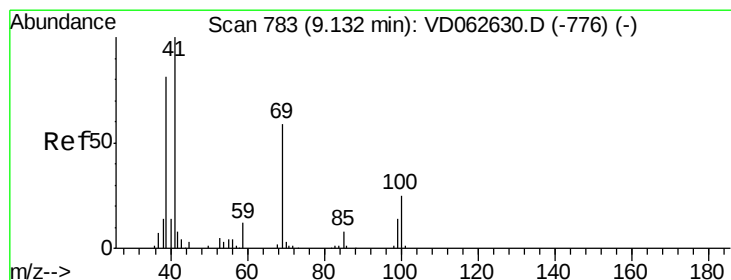
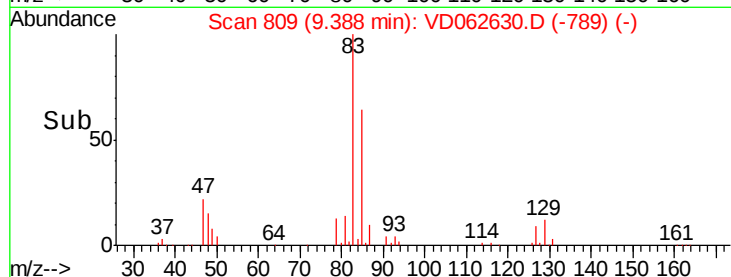
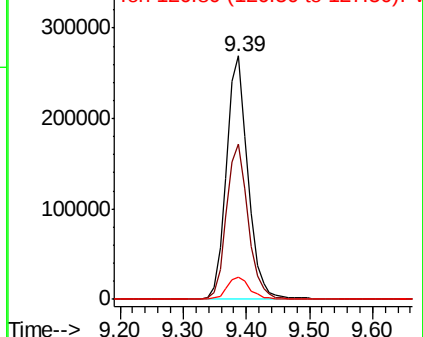
83 100

85 63.6 50.9 76.3

127 9.3 7.4 11.2



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



#48

Methyl methacrylate

Concen: 52.942 ug/l

RT: 9.13 min Scan# 783

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

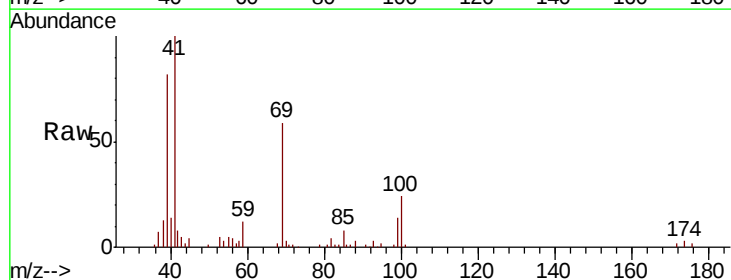
Tgt Ion: 41 Resp: 196139

Ion Ratio Lower Upper

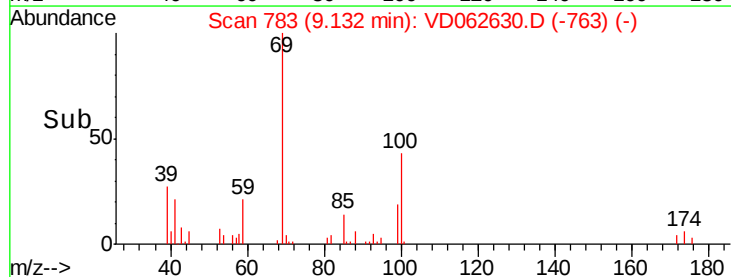
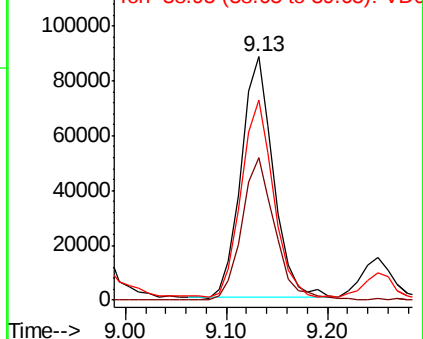
41 100

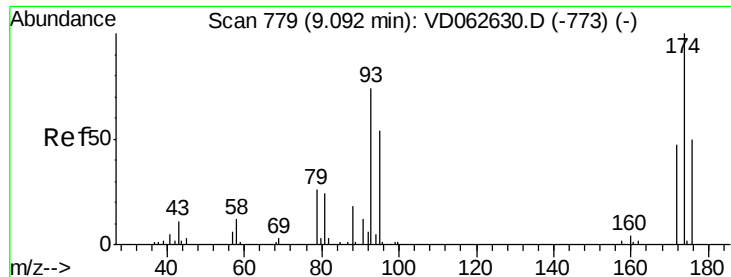
69 58.8 47.0 70.6

39 82.2 65.8 98.6



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

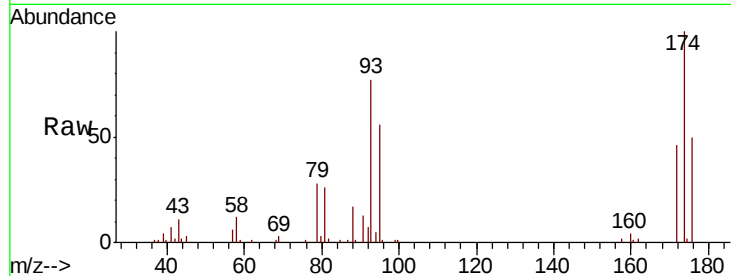




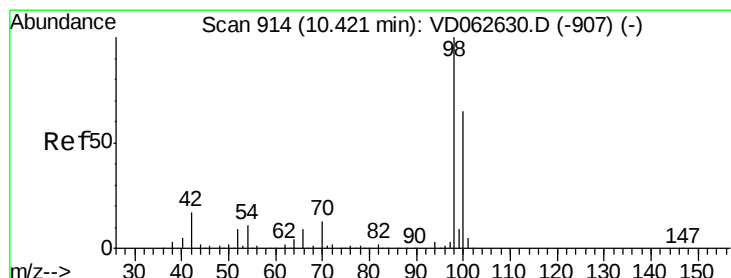
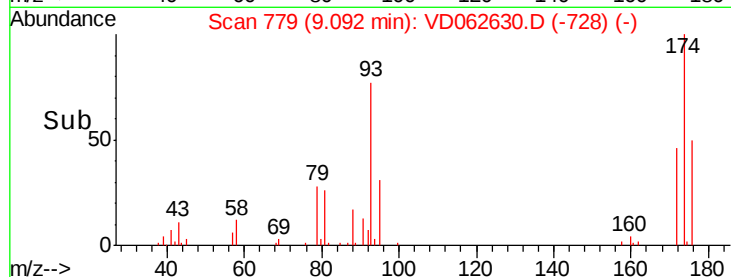
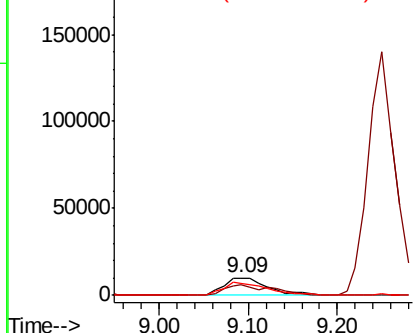
#49
1,4-Dioxane
Concen: 1152.027 ug/l
RT: 9.09 min Scan# 779
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 34198
Ion Ratio Lower Upper
88 100
43 62.7 50.2 75.2
58 70.3 56.2 84.4

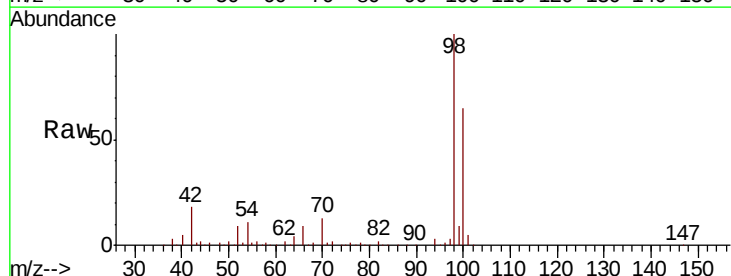


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

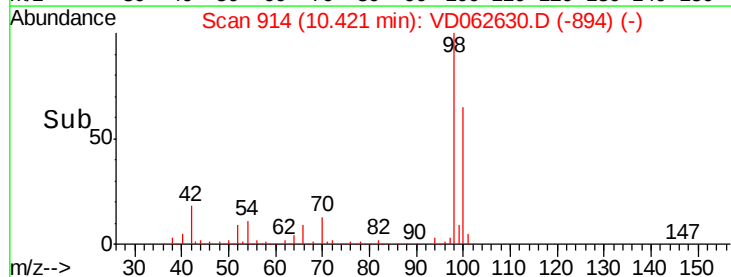
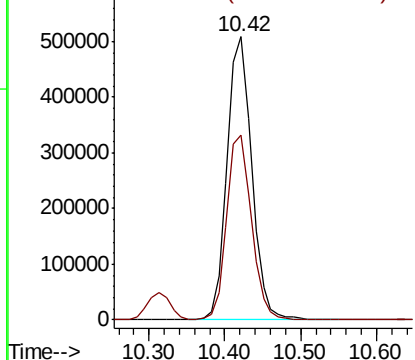


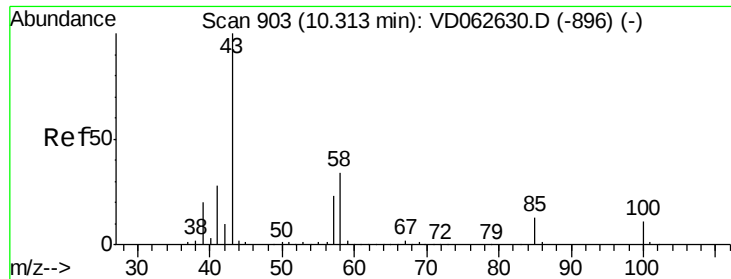
#50
Toluene-d8
Concen: 55.427 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 98 Resp: 1147204
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



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





#51

4-Methyl-2-Pentanone

Concen: 275.424 ug/l

RT: 10.31 min Scan# 903

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleID :

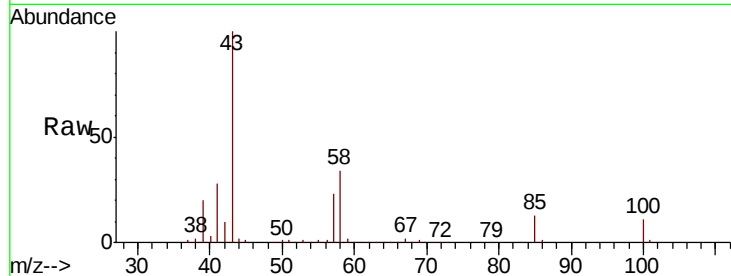
VSTDICCC050

Tot Ion: 43 Resp: 998404

Ion Ratio Lower Upper

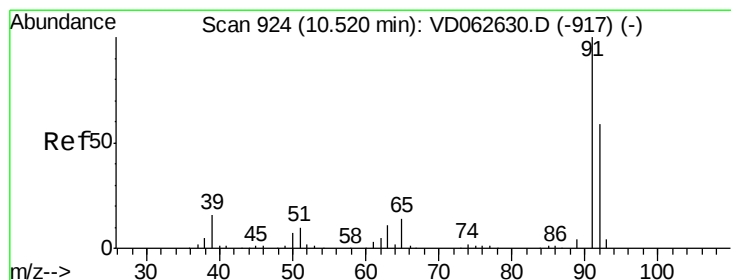
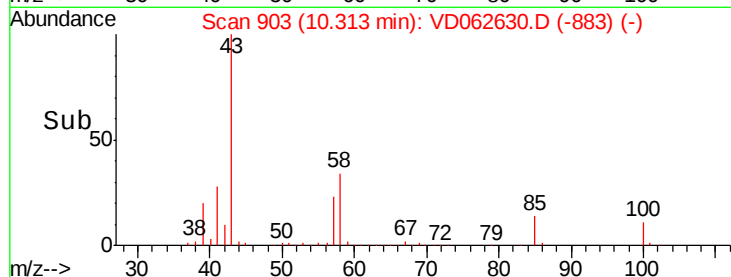
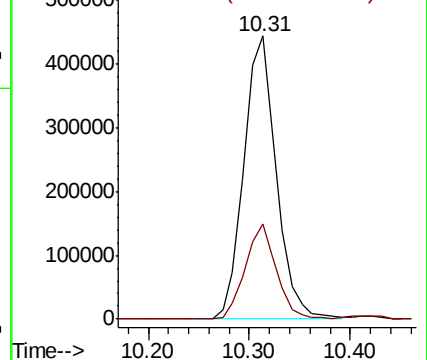
43 100

58 33.5 26.8 40.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 56.141 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: VD062630.D

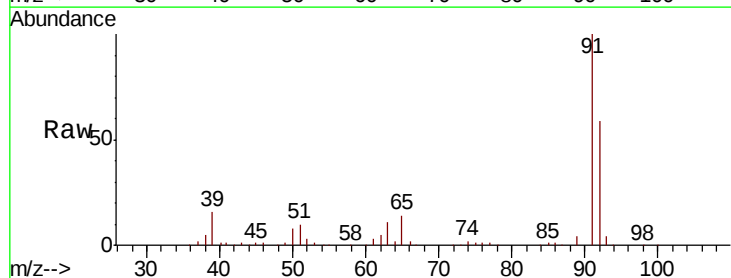
Acq: 6 Jun 2019 17:47

Tgt Ion: 92 Resp: 737133

Ion Ratio Lower Upper

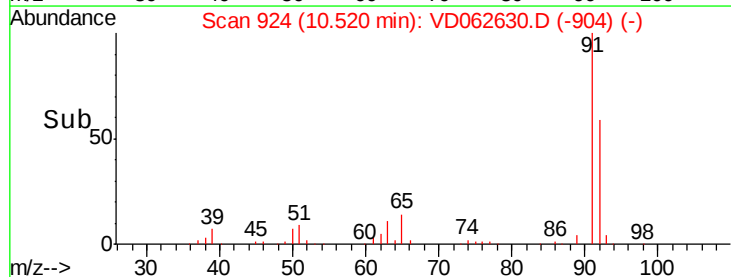
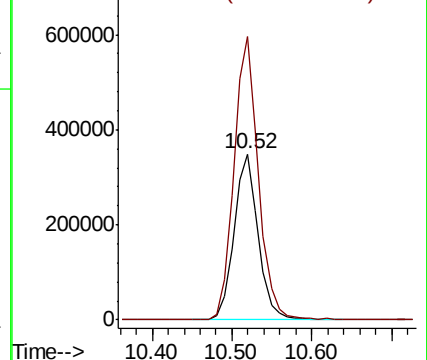
92 100

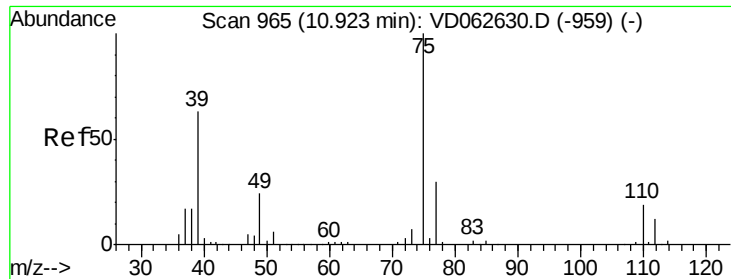
91 170.8 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

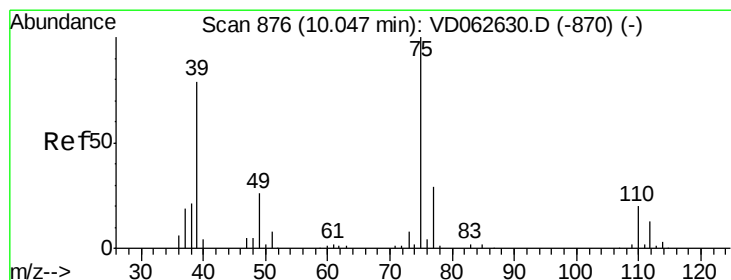
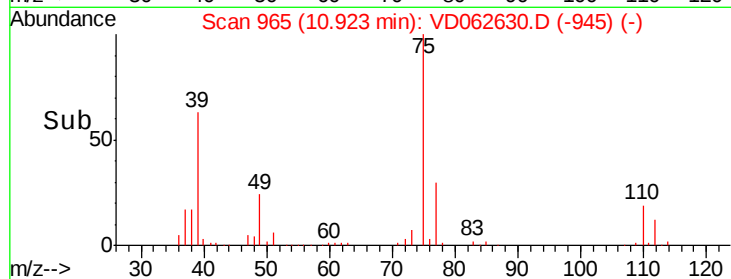
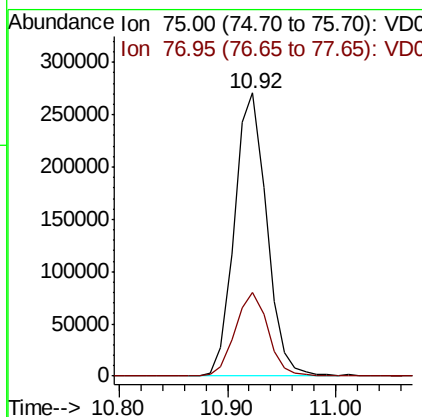
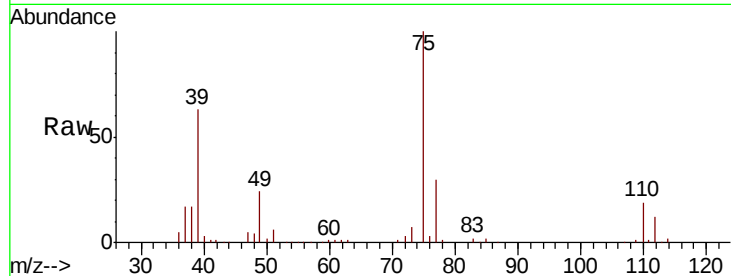




#53
 t-1,3-Dichloropropene
 Concen: 58.226 ug/l
 RT: 10.92 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

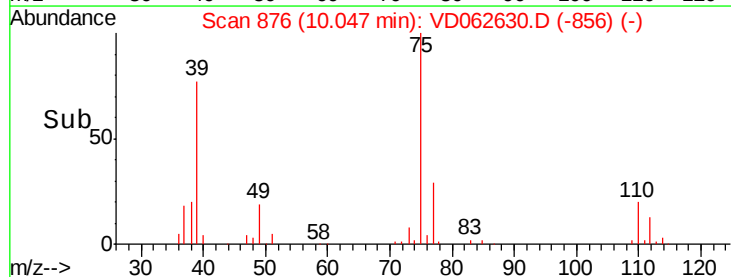
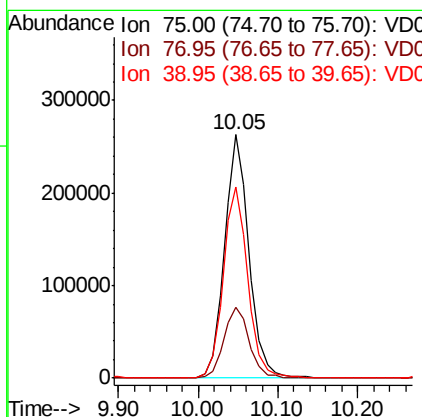
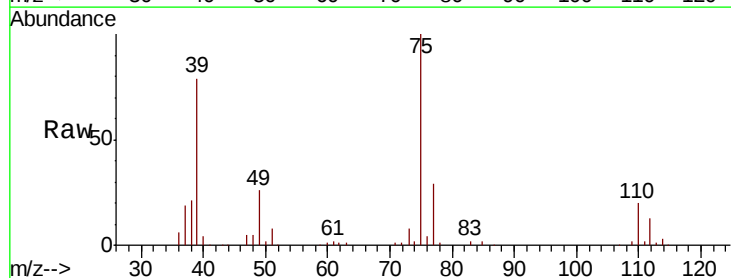
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

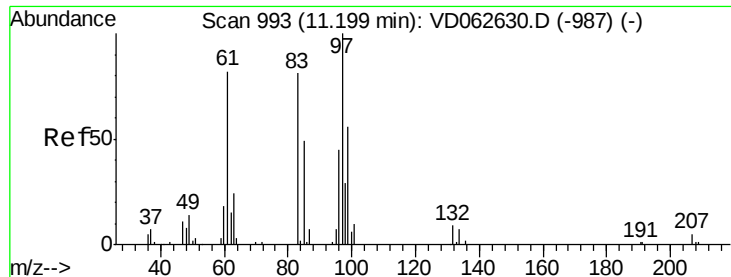
Tot Ion: 75 Resp: 561157
 Ion Ratio Lower Upper
 75 100
 77 29.6 23.7 35.5



#54
 cis-1,3-Dichloropropene
 Concen: 57.932 ug/l
 RT: 10.05 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Tgt Ion: 75 Resp: 565108
 Ion Ratio Lower Upper
 75 100
 77 29.3 23.4 35.2
 39 78.7 63.0 94.4

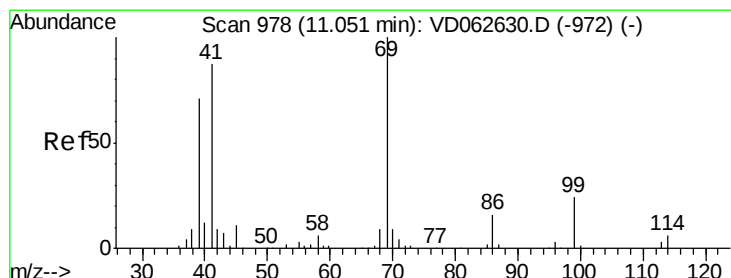
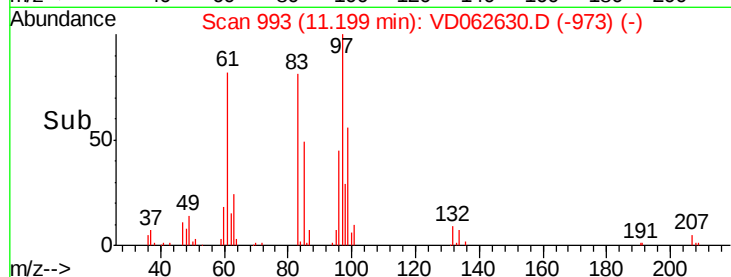
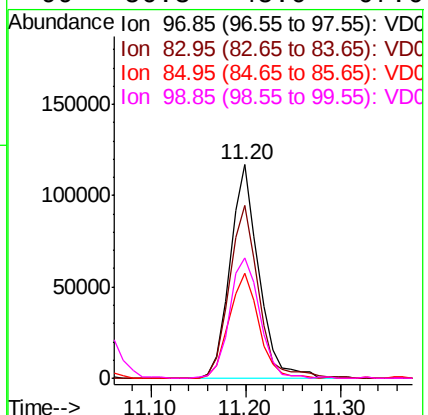
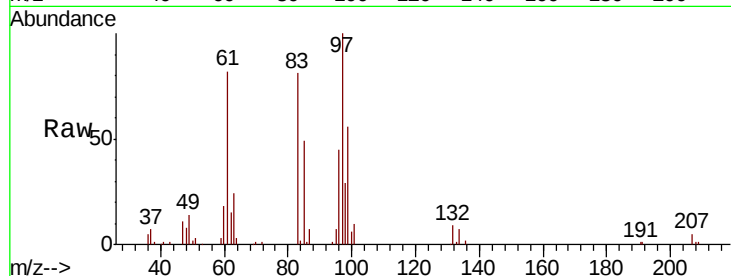




#55
 1,1,2-Trichloroethane
 Concen: 54.903 ug/l
 RT: 11.20 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

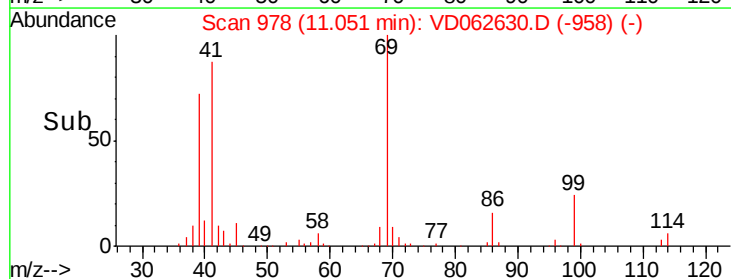
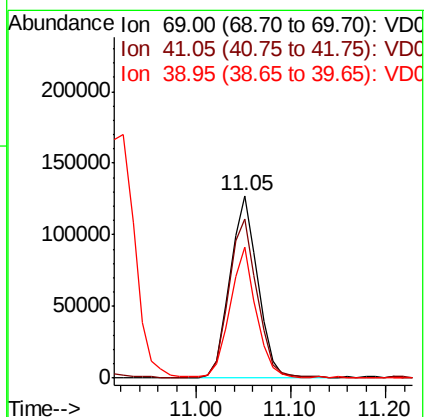
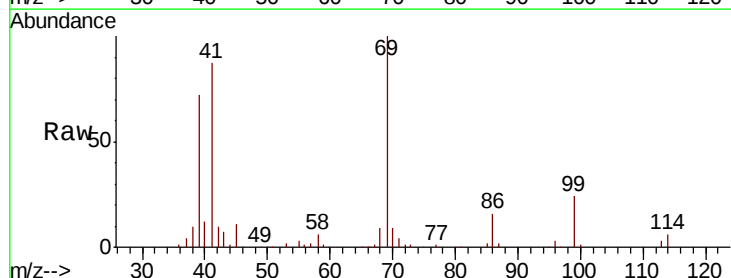
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

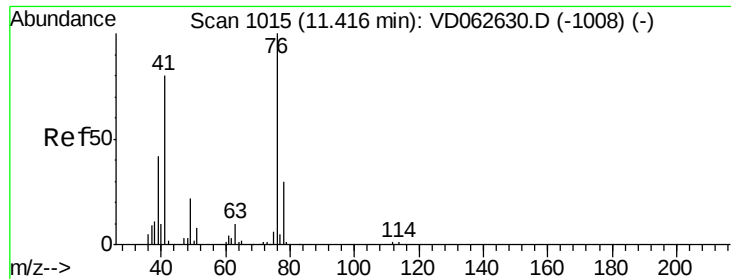
Tot Ion:	97	Resp:	245894
Ion	Ratio	Lower	Upper
97	100		
83	80.9	64.7	97.1
85	49.1	39.3	58.9
99	56.3	45.0	67.6



#56
 Ethyl methacrylate
 Concen: 53.524 ug/l
 RT: 11.05 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Tgt Ion:	69	Resp:	259078
Ion	Ratio	Lower	Upper
69	100		
41	87.3	69.8	104.8
39	72.0	57.6	86.4

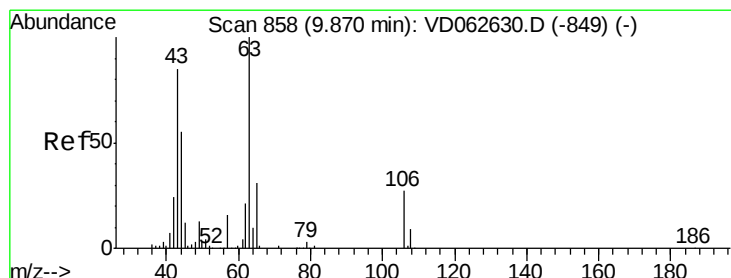
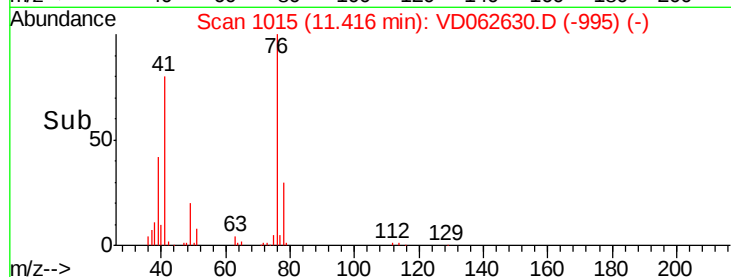
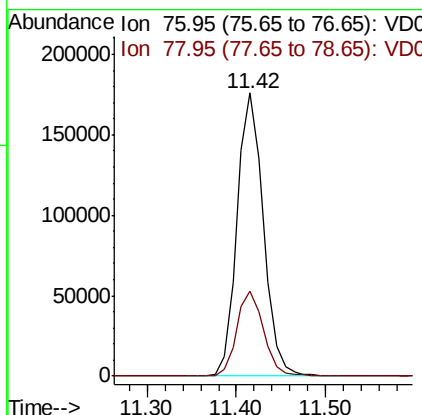
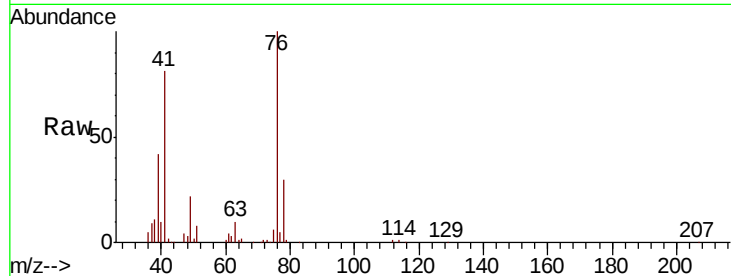




#57
 1,3-Dichloropropane
 Concen: 52.600 ug/l
 RT: 11.42 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

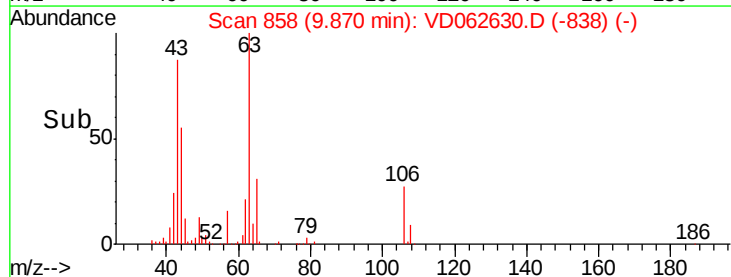
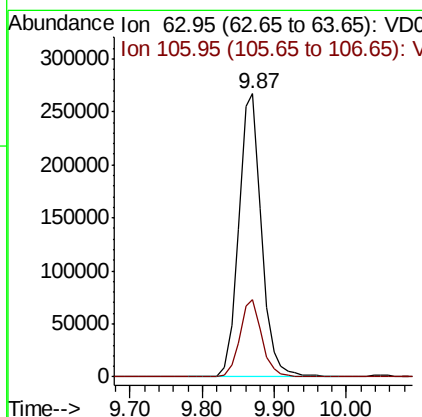
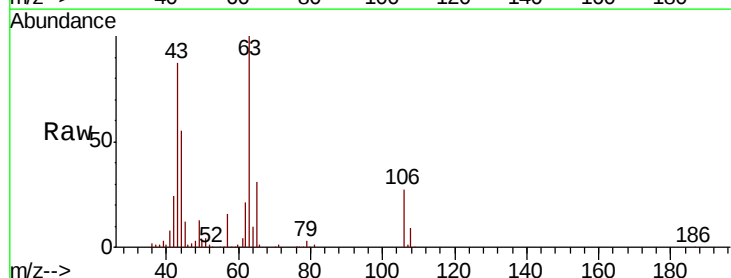
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

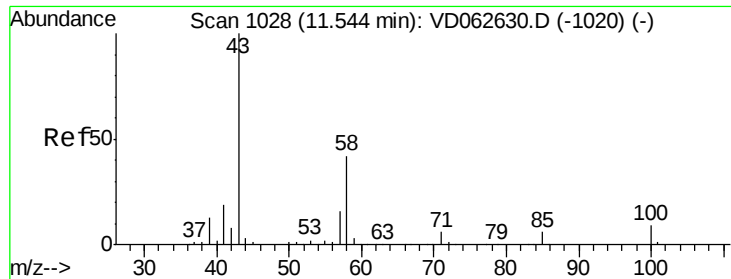
Tot Ion: 76 Resp: 362717
 Ion Ratio Lower Upper
 76 100
 78 29.8 23.8 35.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.309 ug/l
 RT: 9.87 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Tgt Ion: 63 Resp: 585956
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.8 32.8

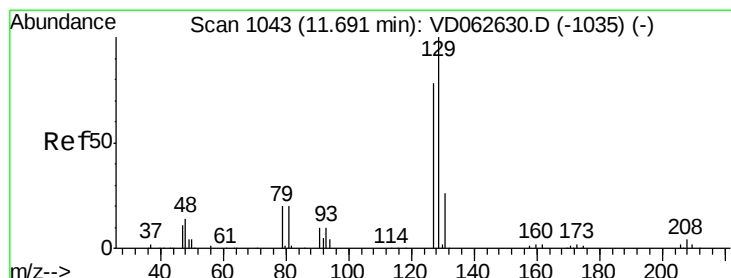
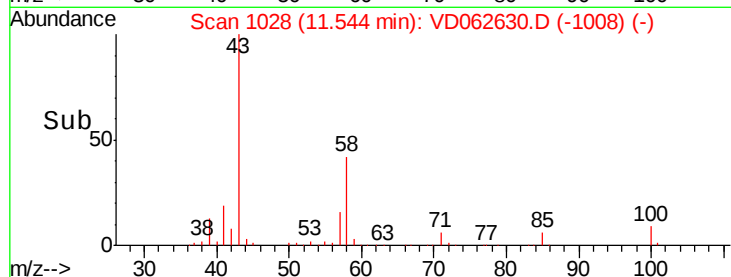
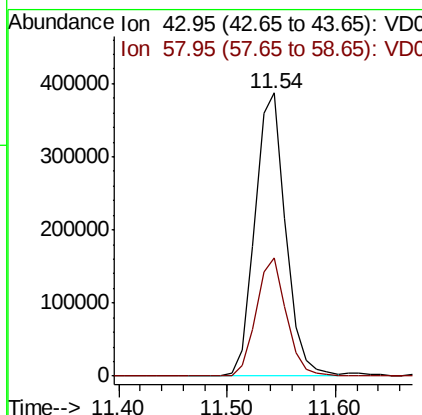
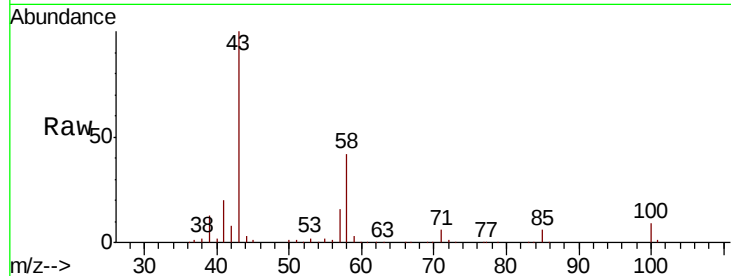




#59
2-Hexanone
Concen: 277.369 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

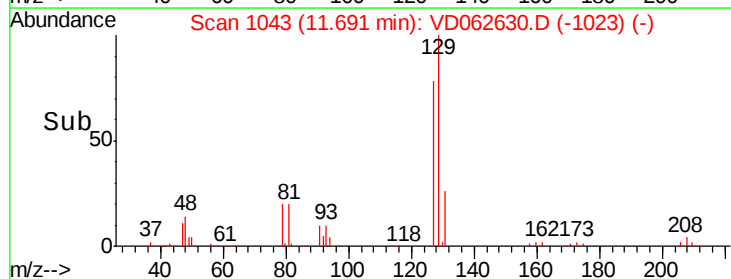
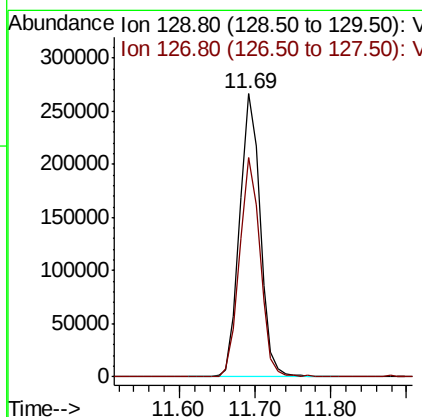
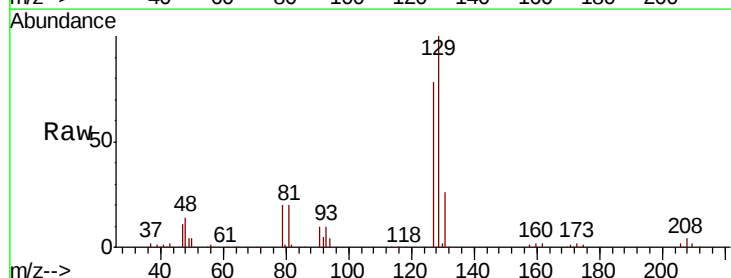
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

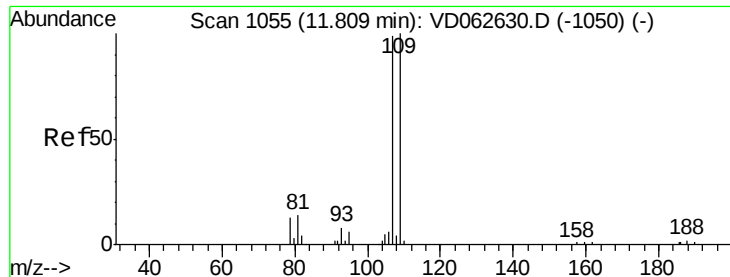
Tot Ion: 43 Resp: 758206
Ion Ratio Lower Upper
43 100
58 41.6 20.8 62.4



#60
Dibromochloromethane
Concen: 57.057 ug/l
RT: 11.69 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 129 Resp: 499294
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

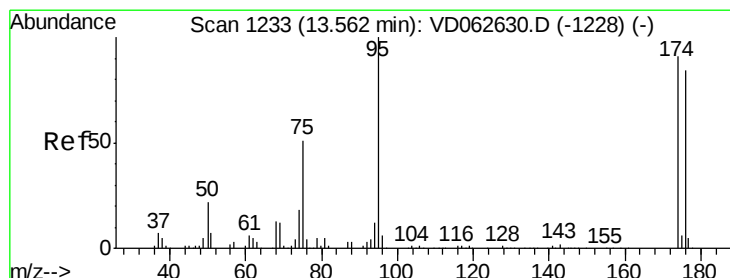
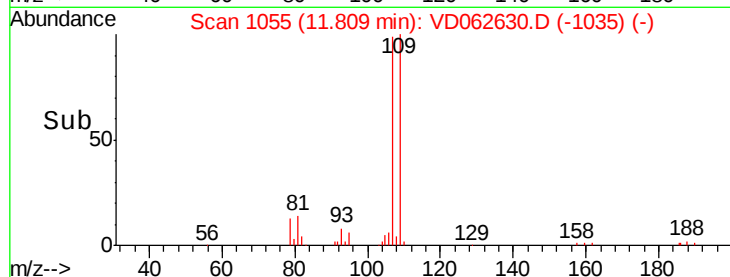
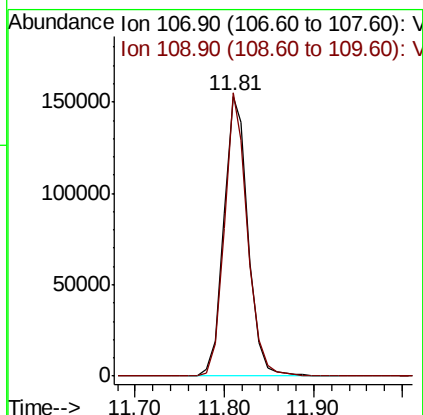
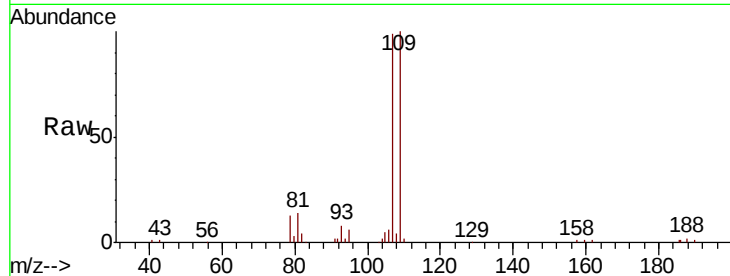




#61
 1,2-Dibromoethane
 Concen: 53.599 ug/l
 RT: 11.81 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

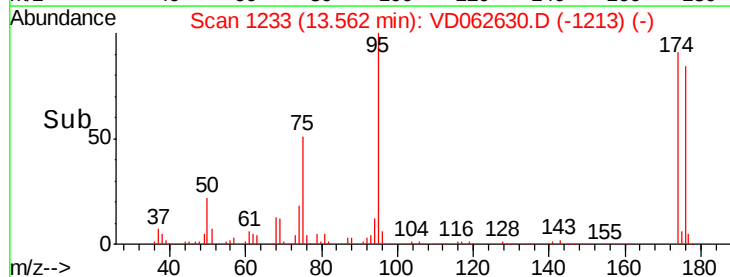
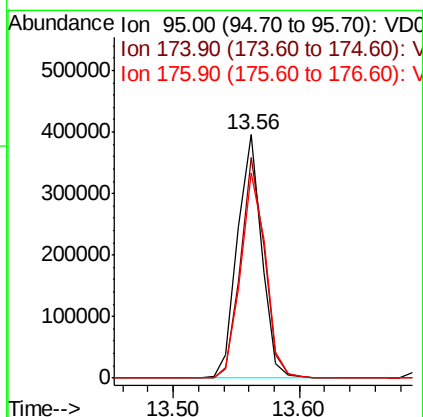
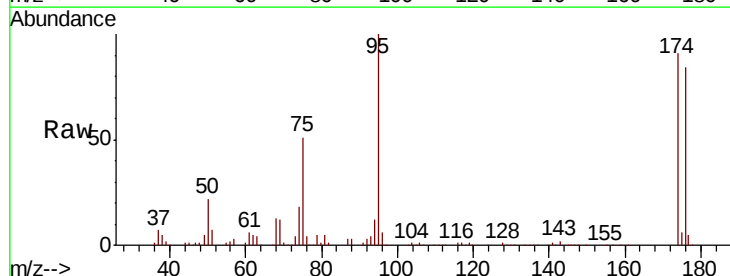
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

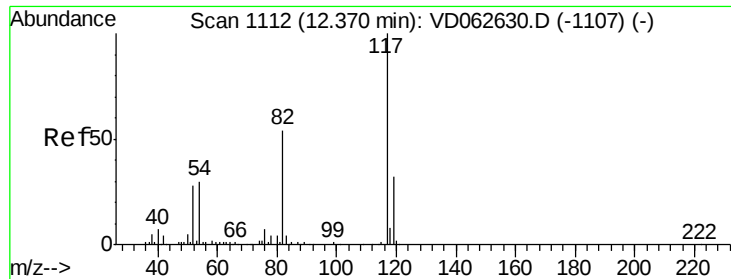
Tot Ion:107 Resp: 292963
 Ion Ratio Lower Upper
 107 100
 109 101.1 80.9 121.3



#62
 4-Bromofluorobenzene
 Concen: 54.337 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Tgt Ion: 95 Resp: 523628
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 181.6
 176 84.3 0.0 168.6

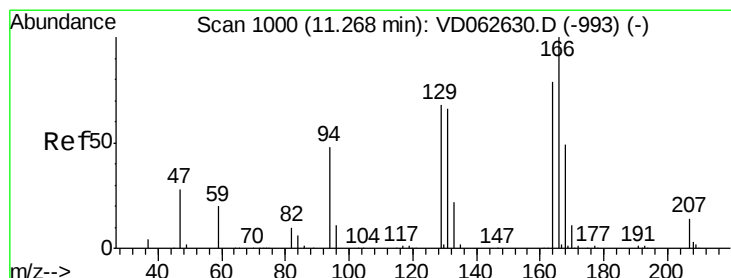
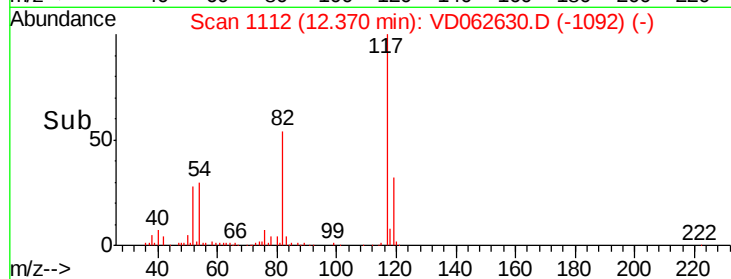
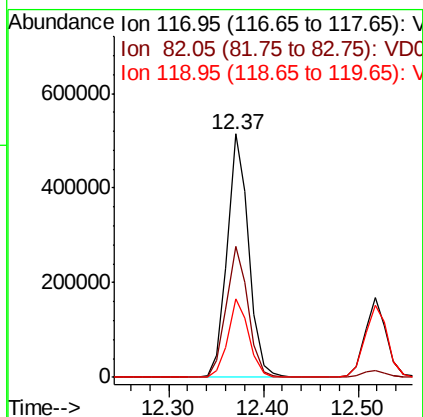
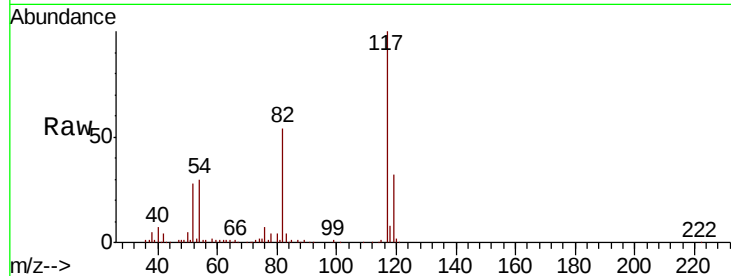




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

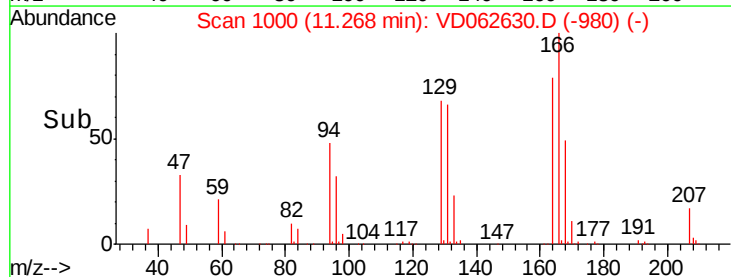
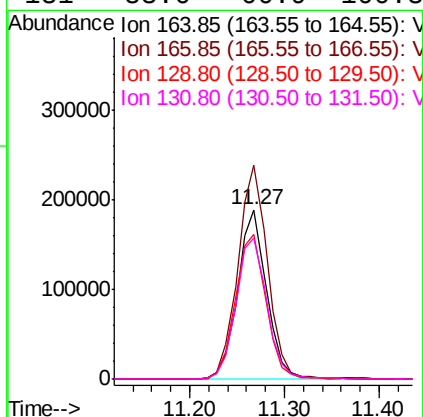
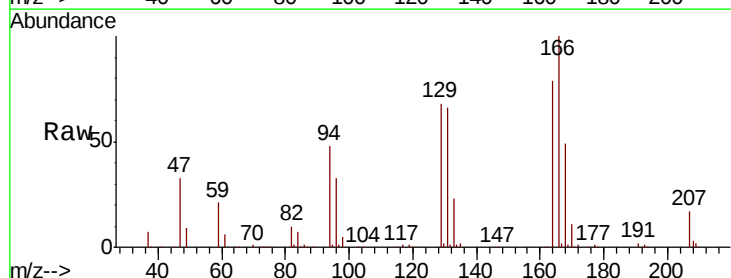
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

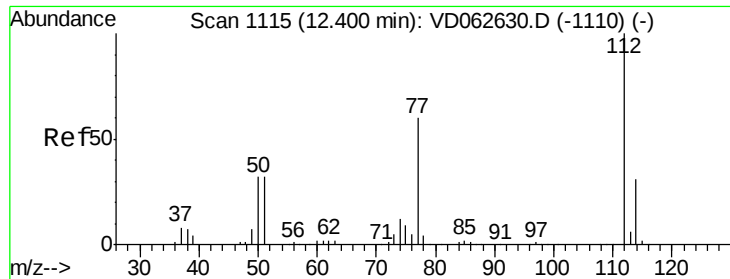
Tot Ion:117 Resp: 807166
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.6
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 55.218 ug/l
RT: 11.27 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion:164 Resp: 397609
Ion Ratio Lower Upper
164 100
166 126.3 101.0 151.6
129 85.3 68.2 102.4
131 83.6 66.9 100.3

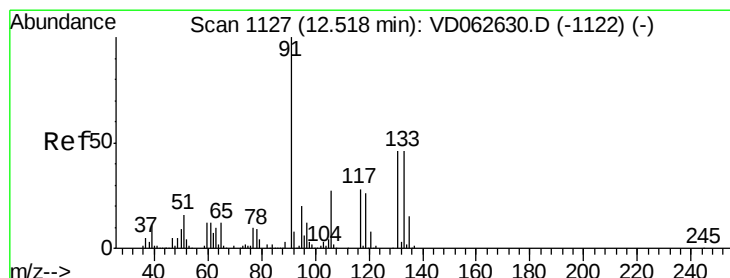
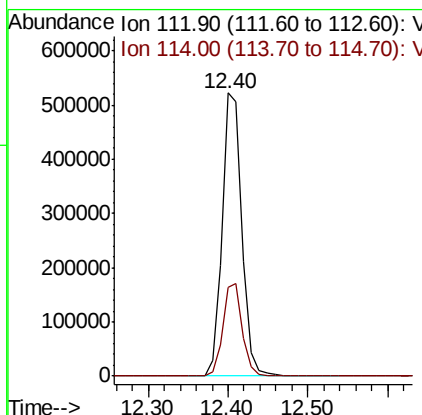
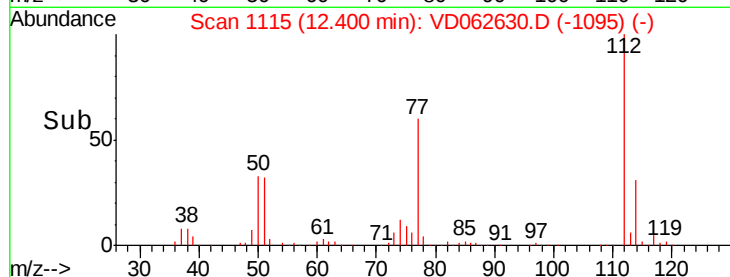
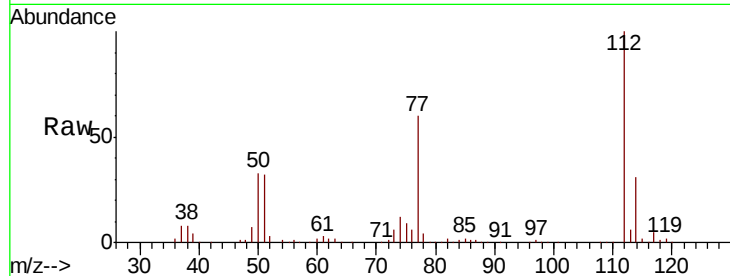




#65
Chlorobenzene
Concen: 55.019 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

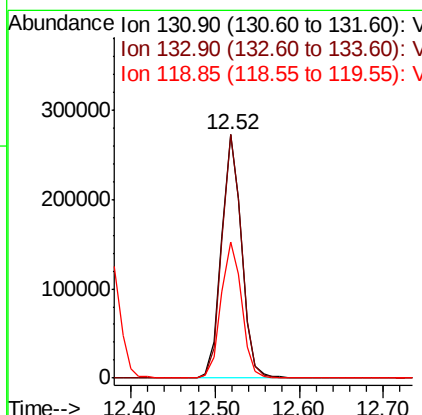
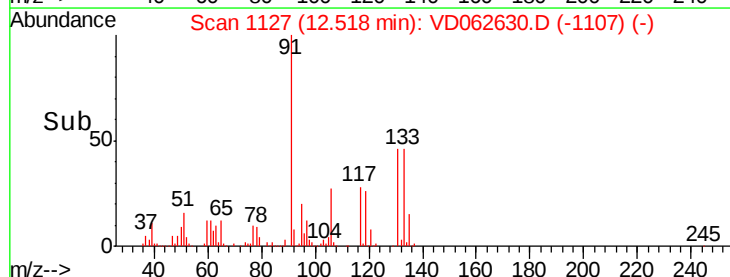
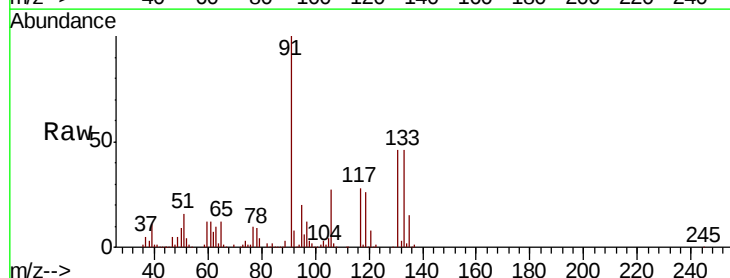
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

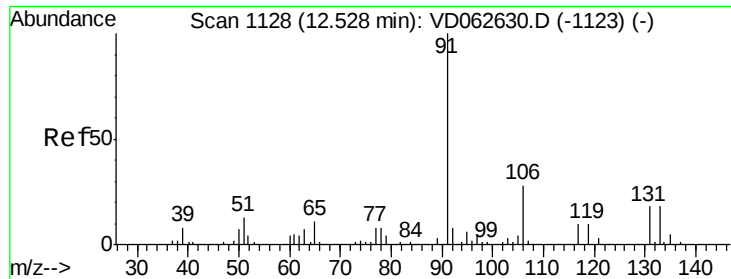
Tot Ion:112 Resp: 912287
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 56.289 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion:131 Resp: 450204
Ion Ratio Lower Upper
131 100
133 99.8 49.9 149.7
119 56.0 28.0 84.0

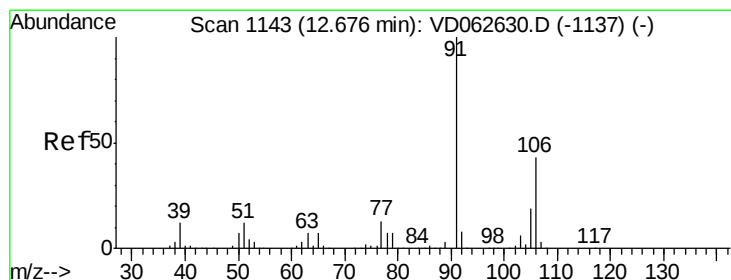
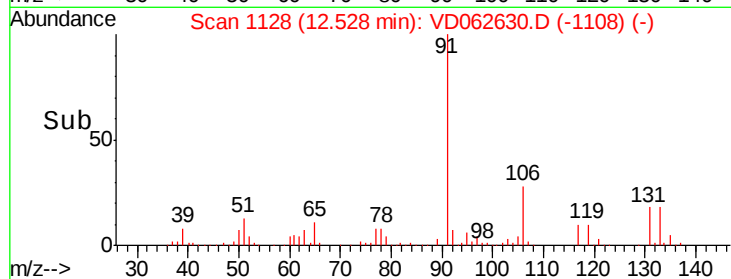
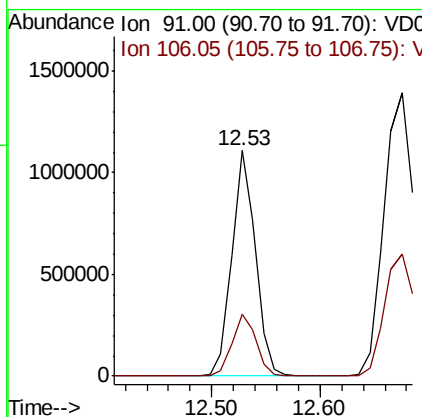
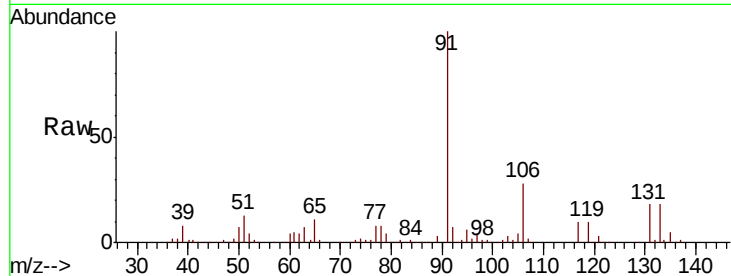




#67
Ethyl Benzene
Concen: 55.955 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

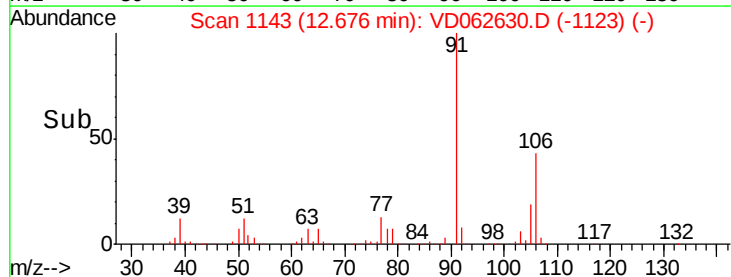
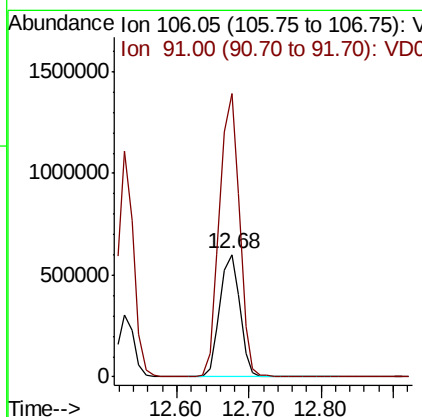
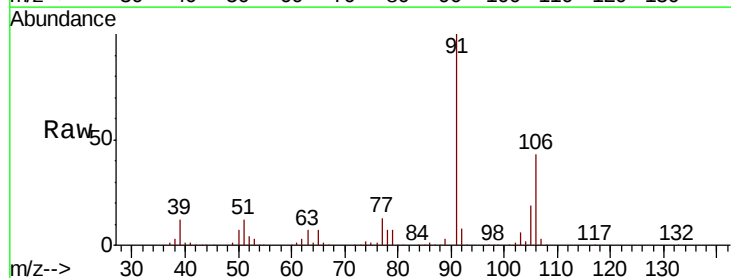
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

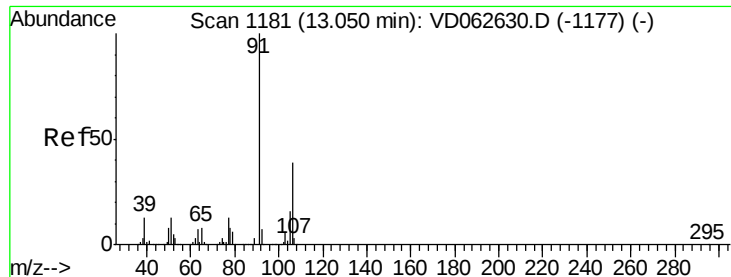
Tot Ion: 91 Resp: 1688934
Ion Ratio Lower Upper
91 100
106 27.7 22.2 33.2



#68
m/p-Xylenes
Concen: 110.930 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 106 Resp: 1161661
Ion Ratio Lower Upper
106 100
91 230.9 184.7 277.1

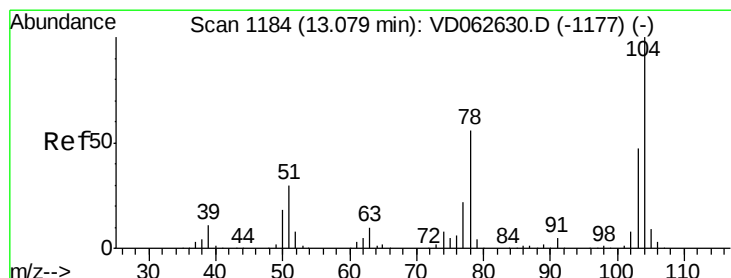
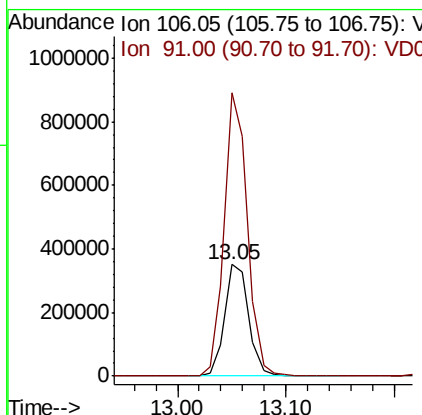
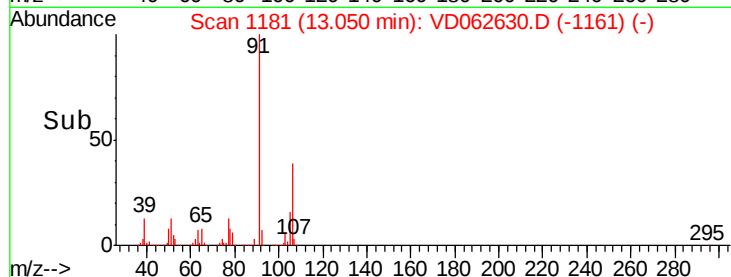
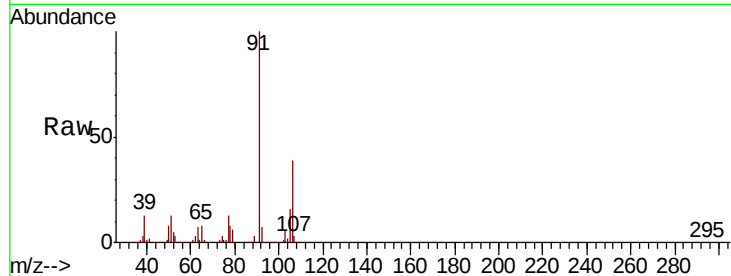




#69
o-Xylene
Concen: 54.126 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

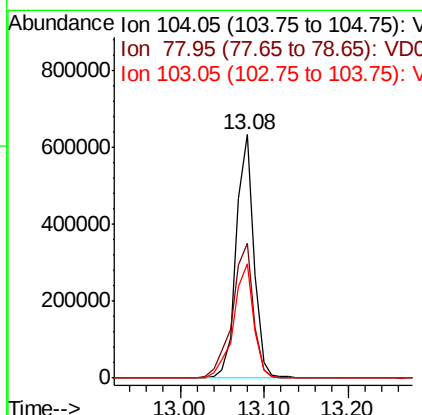
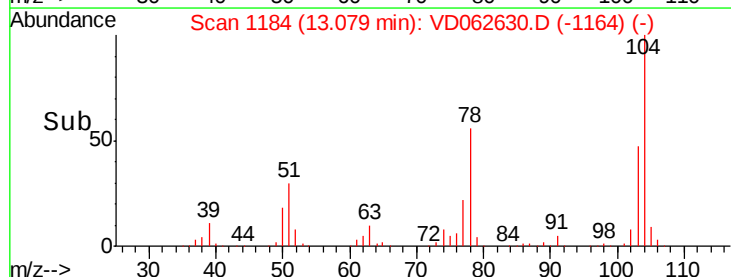
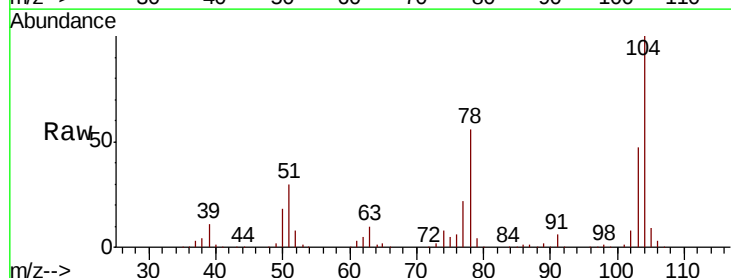
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

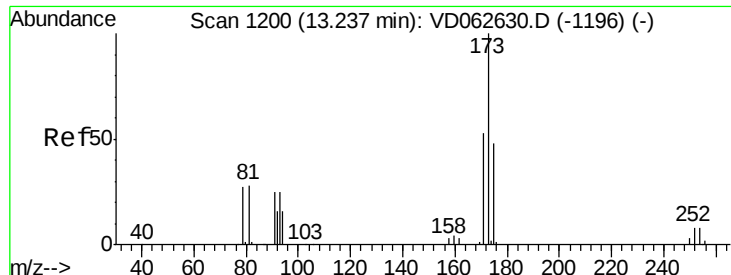
Tot Ion:106 Resp: 543423
Ion Ratio Lower Upper
106 100
91 253.9 127.0 380.9



#70
Styrene
Concen: 54.435 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion:104 Resp: 921471
Ion Ratio Lower Upper
104 100
78 55.5 44.4 66.6
103 46.7 37.4 56.0





#71

Bromoform

Concen: 55.919 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

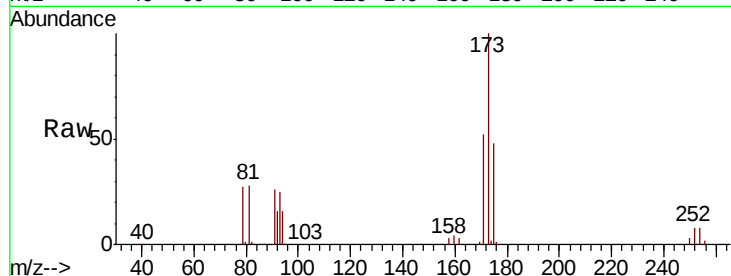
Tot Ion:173 Resp: 305564

Ion Ratio Lower Upper

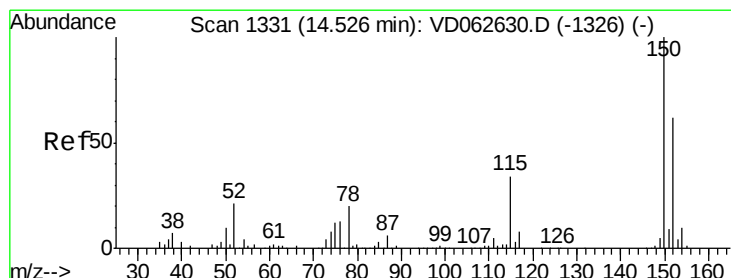
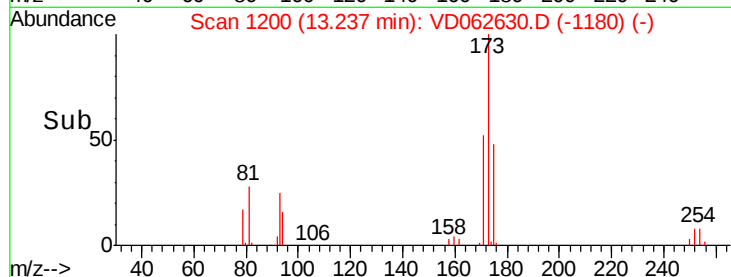
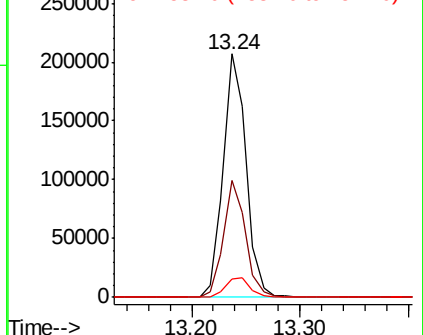
173 100

175 47.9 23.9 71.8

254 7.7 6.2 9.2



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: 14.53 min Scan# 1331

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

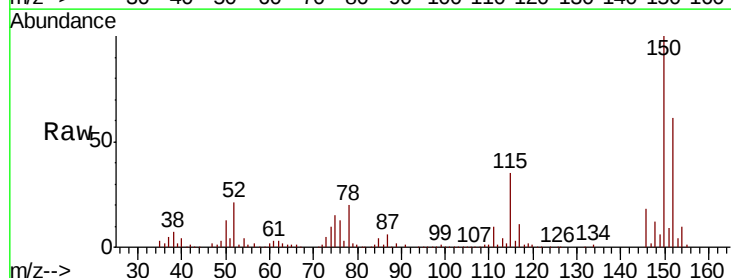
Tgt Ion:152 Resp: 436698

Ion Ratio Lower Upper

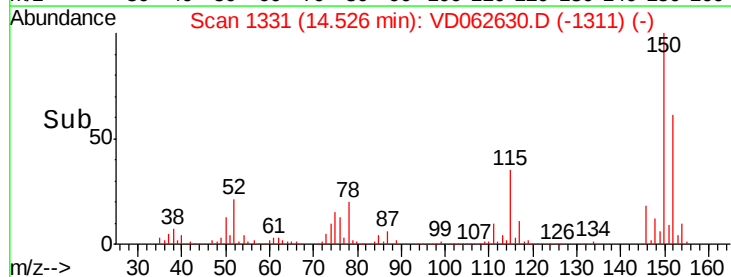
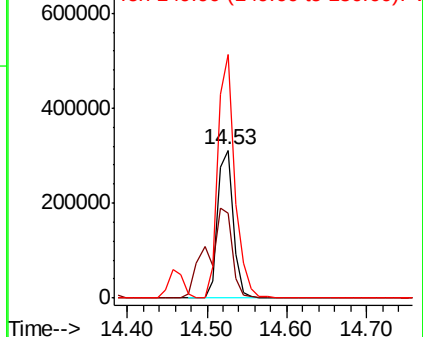
152 100

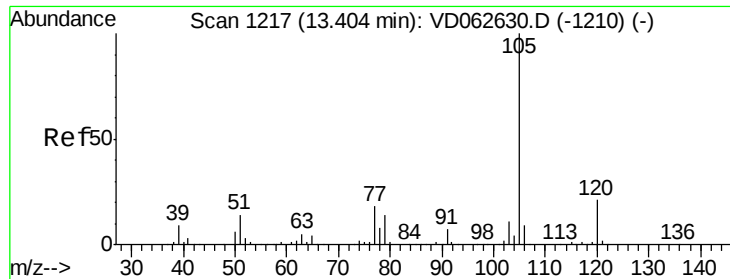
115 57.4 28.7 86.1

150 164.4 0.0 328.8



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: 54.782 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

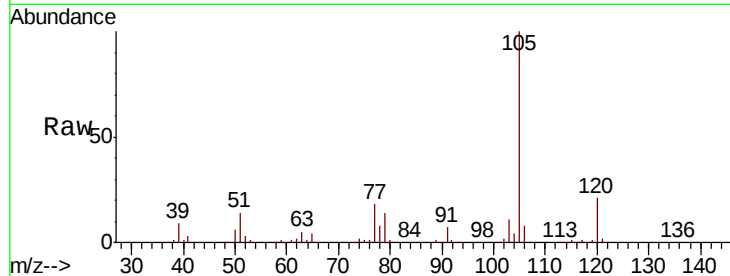
VSTDICCC050

Tot Ion:105 Resp: 1652521

Ion Ratio Lower Upper

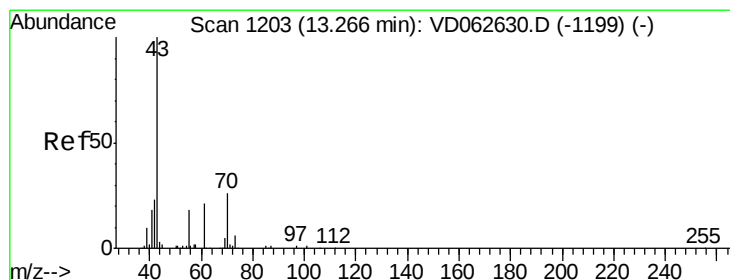
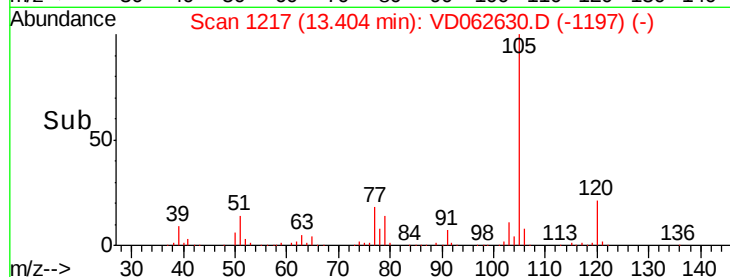
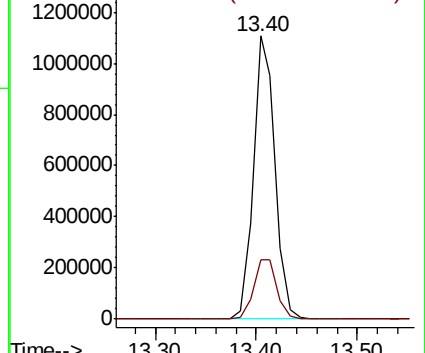
105 100

120 20.9 10.4 31.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 54.196 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Tgt Ion: 43 Resp: 422818

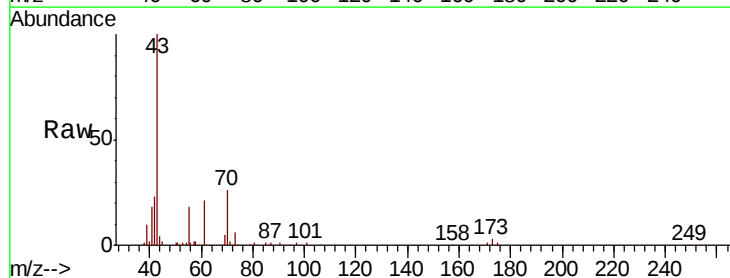
Ion Ratio Lower Upper

43 100

70 26.3 21.0 31.6

55 18.2 14.6 21.8

61 20.6 16.5 24.7

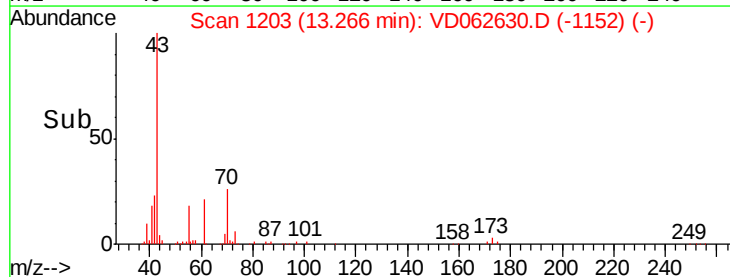
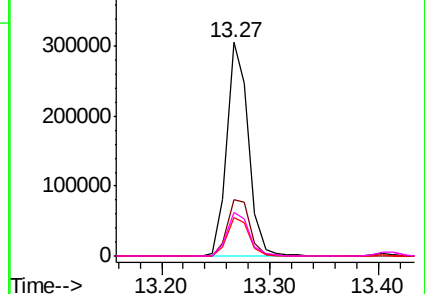


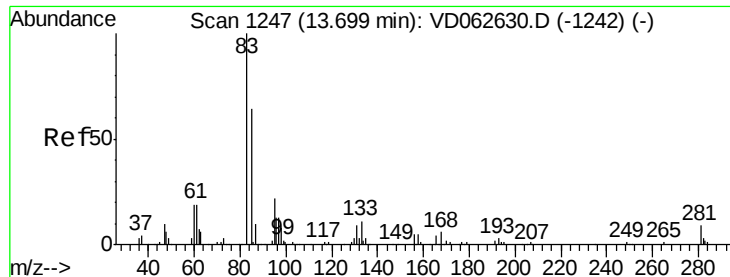
Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 53.904 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

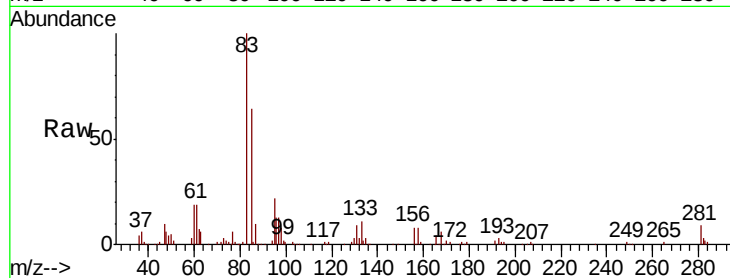
Tot Ion: 83 Resp: 271168

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.6	13.8
85	64.1	32.0	96.2

83 100

131 9.2 4.6 13.8

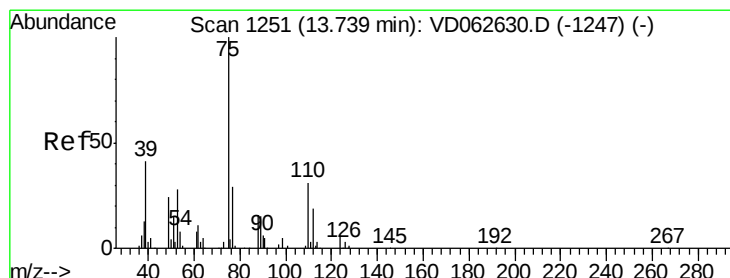
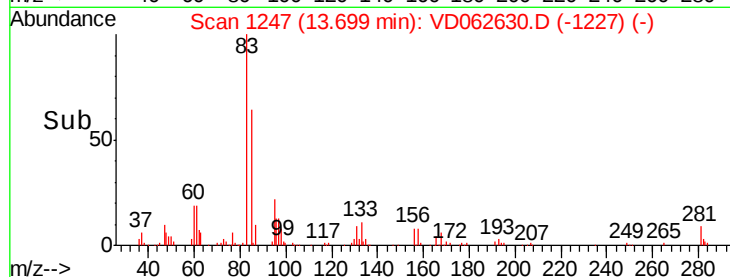
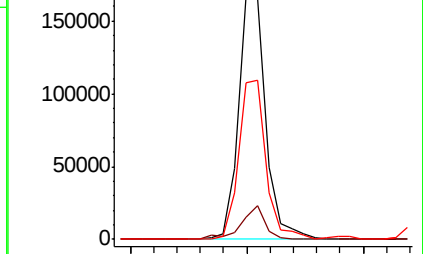
85 64.1 32.0 96.2



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 57.101 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VD062630.D

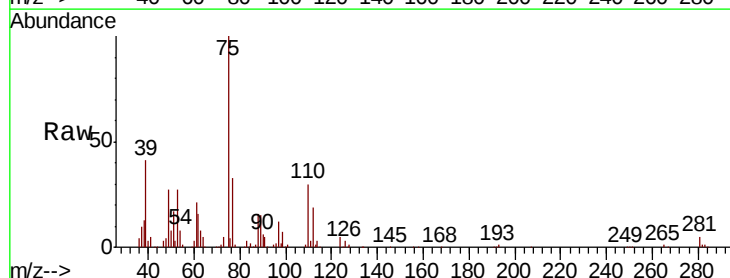
Acq: 6 Jun 2019 17:47

Tgt Ion: 75 Resp: 326503

Ion	Ratio	Lower	Upper
75	100		
77	33.1	16.6	49.7

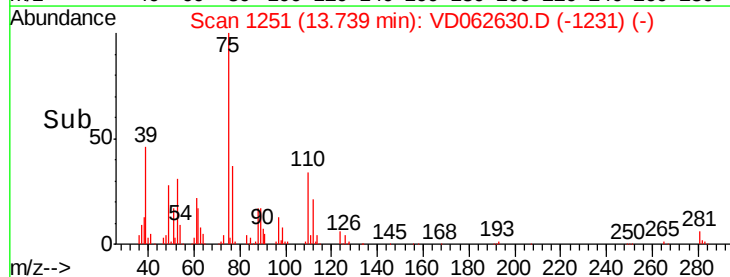
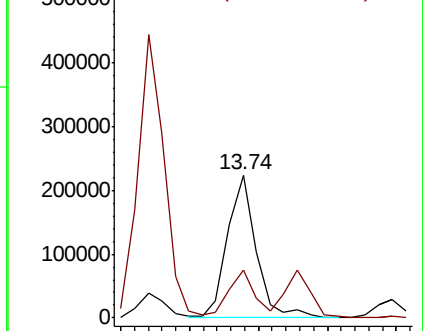
75 100

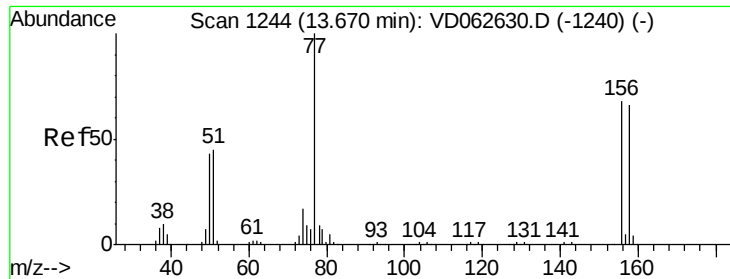
77 33.1 16.6 49.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

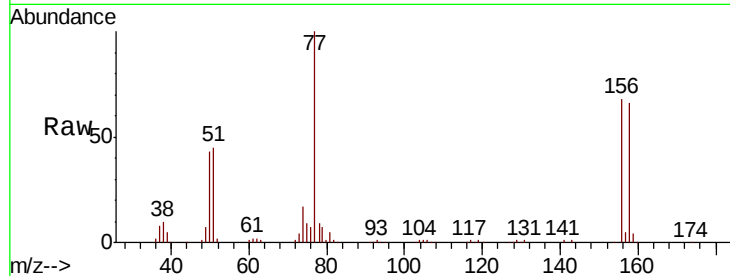




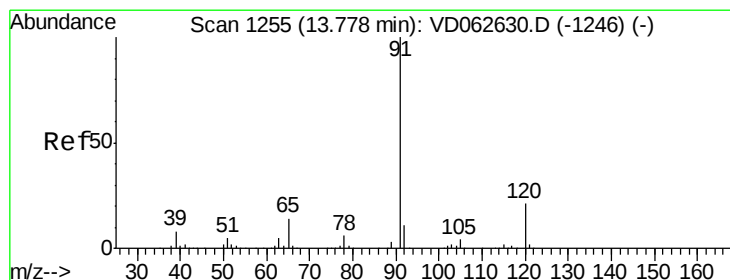
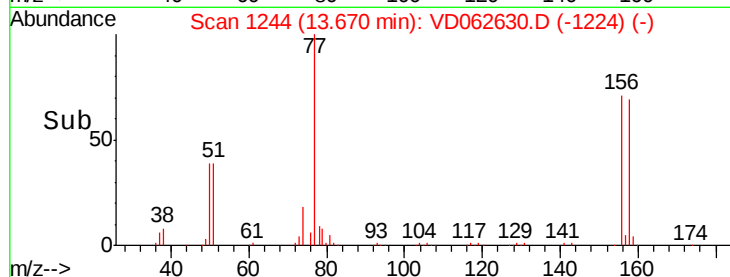
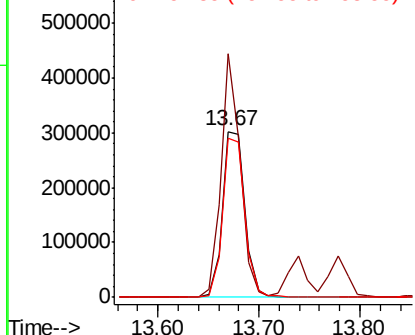
#77
Bromobenzene
Concen: 55.768 ug/l
RT: 13.67 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:156 Resp: 465008
Ion Ratio Lower Upper
156 100
77 146.9 73.5 220.3
158 96.4 48.2 144.6

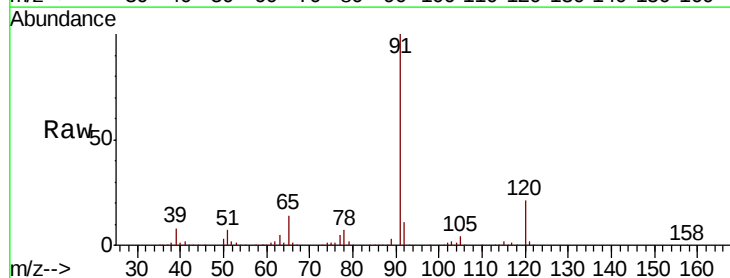


Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): VDC
Ion 157.85 (157.55 to 158.55): V

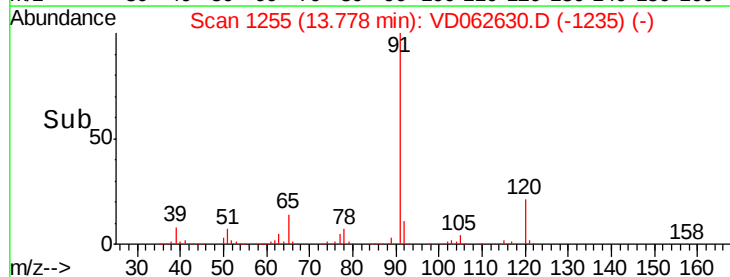
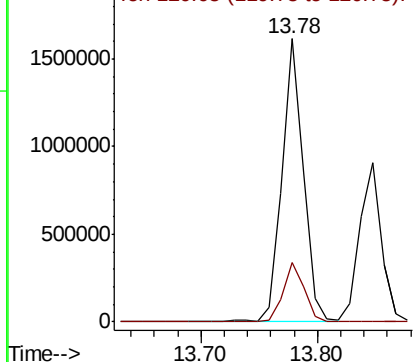


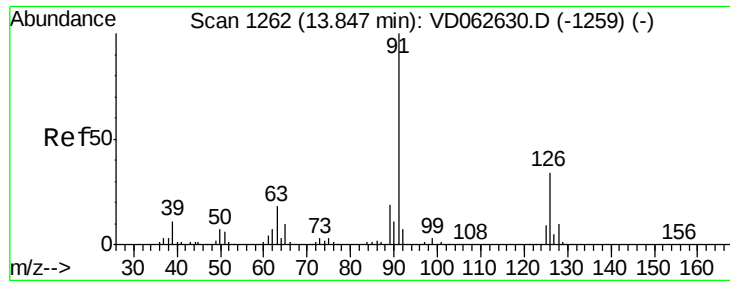
#78
n-propylbenzene
Concen: 57.936 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 91 Resp: 2051748
Ion Ratio Lower Upper
91 100
120 20.9 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.05 (119.75 to 120.75): V

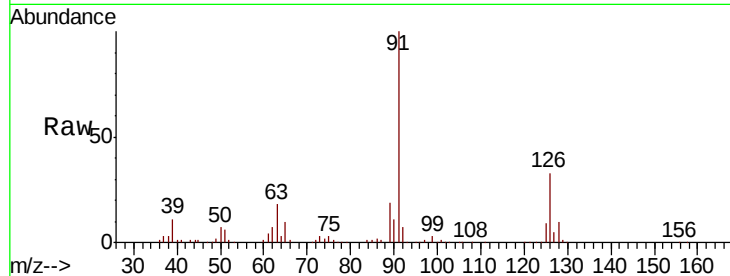




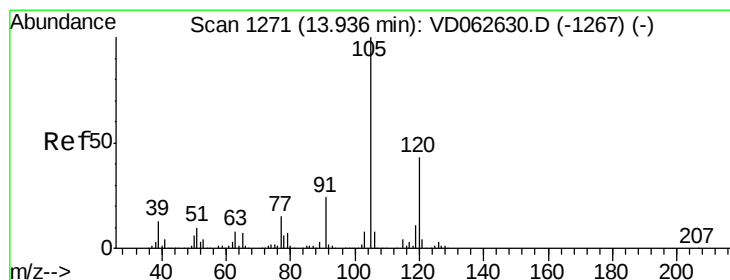
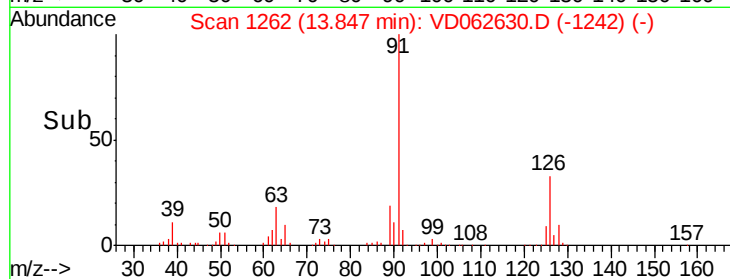
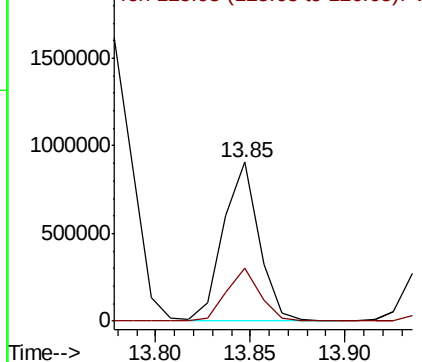
#79
2-Chlorotoluene
Concen: 55.487 ug/l
RT: 13.85 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1173817
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0

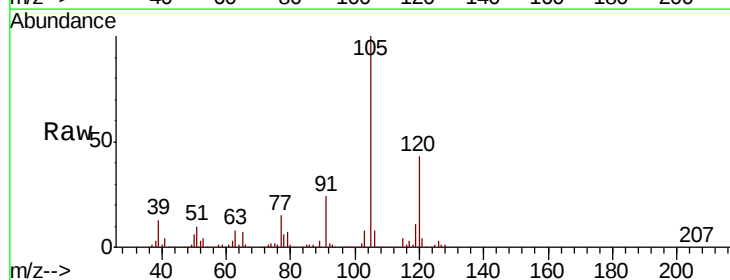


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.95 (125.65 to 126.65): V

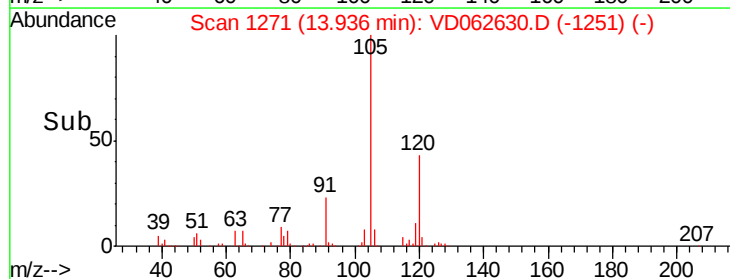
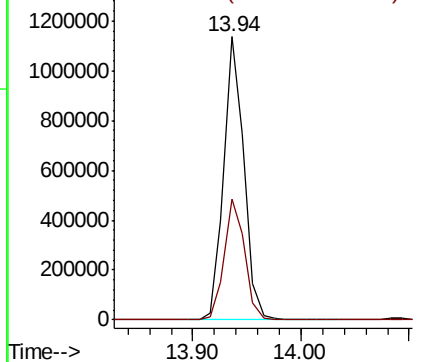


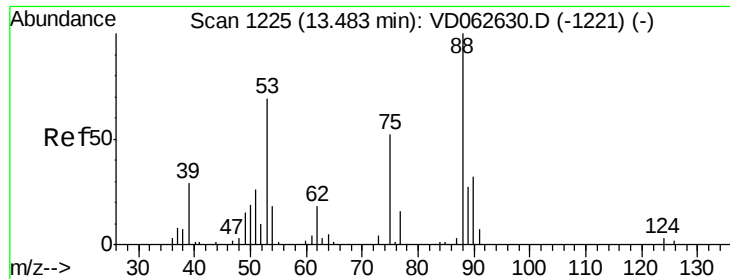
#80
1,3,5-Trimethylbenzene
Concen: 55.301 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion:105 Resp: 1469830
Ion Ratio Lower Upper
105 100
120 42.7 21.3 64.0



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: 55.534 ug/l

RT: 13.48 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

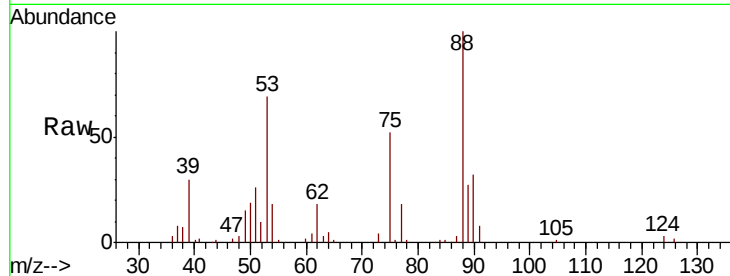
Tot Ion: 75 Resp: 80415

Ion Ratio Lower Upper

75 100

53 132.0 105.6 158.4

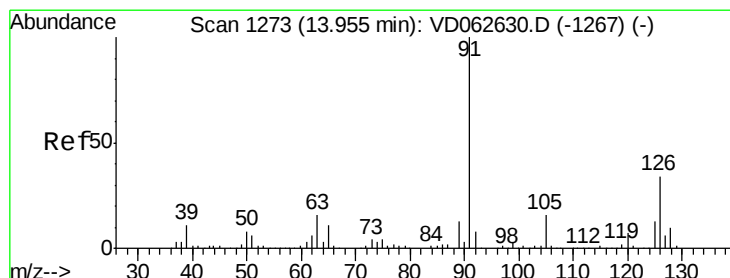
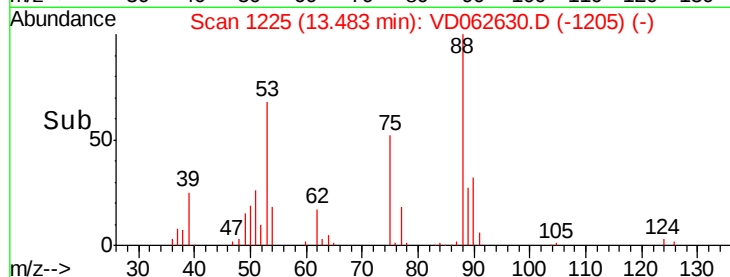
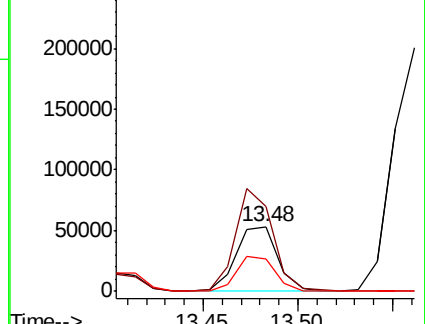
89 51.1 40.9 61.3



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: 55.781 ug/l

RT: 13.96 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VD062630.D

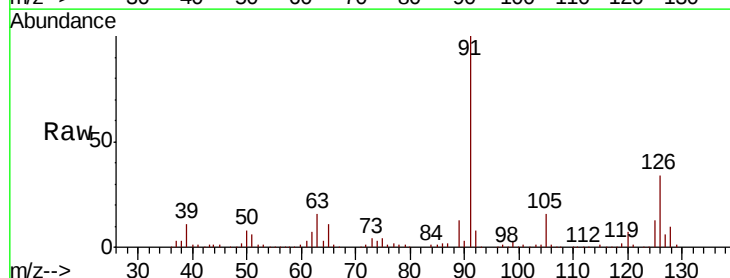
Acq: 6 Jun 2019 17:47

Tgt Ion: 91 Resp: 1408263

Ion Ratio Lower Upper

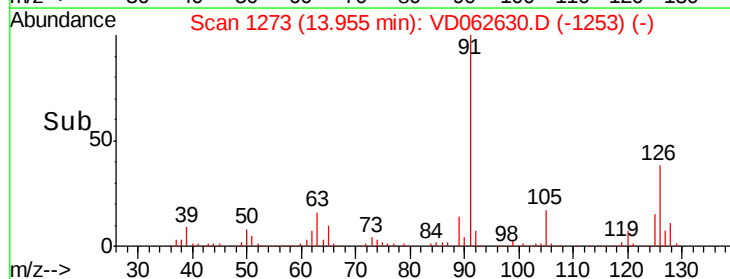
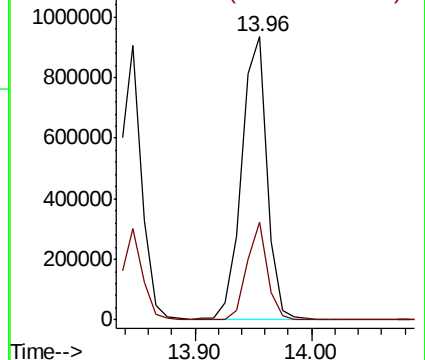
91 100

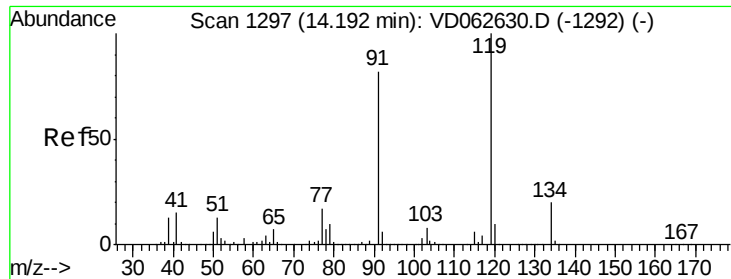
126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

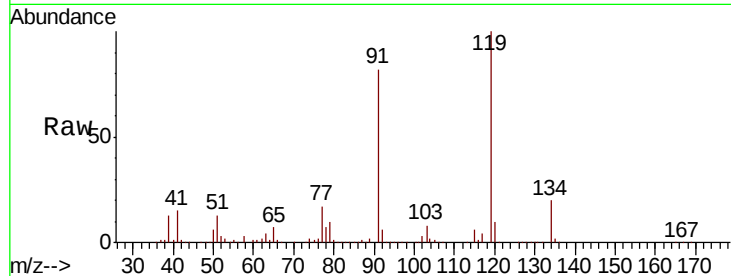




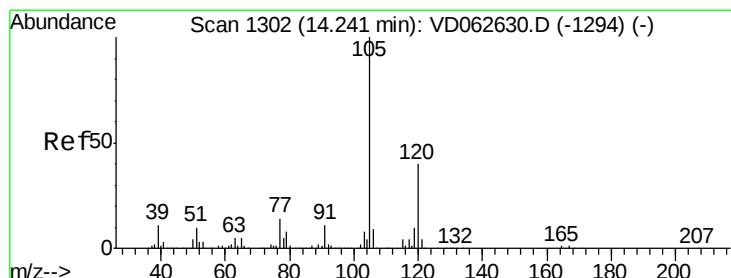
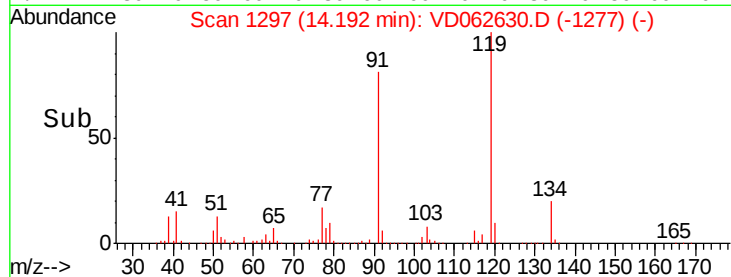
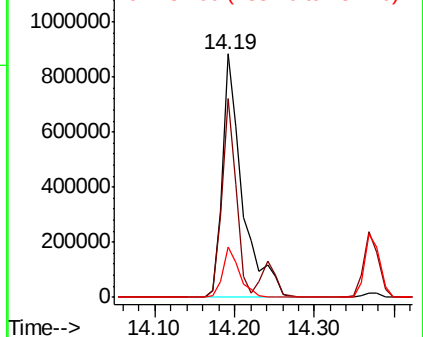
#83
tert-Butylbenzene
Concen: 54.310 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:119 Resp: 1564441
Ion Ratio Lower Upper
119 100
91 81.7 40.8 122.5
134 20.5 10.3 30.8

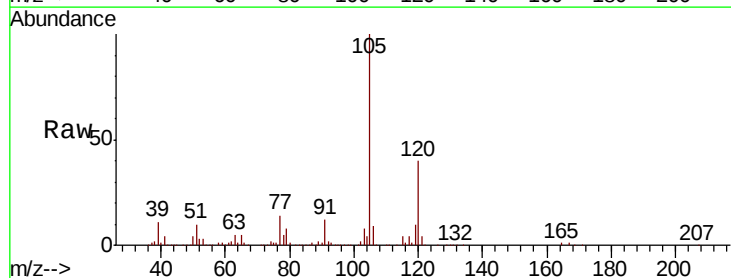


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

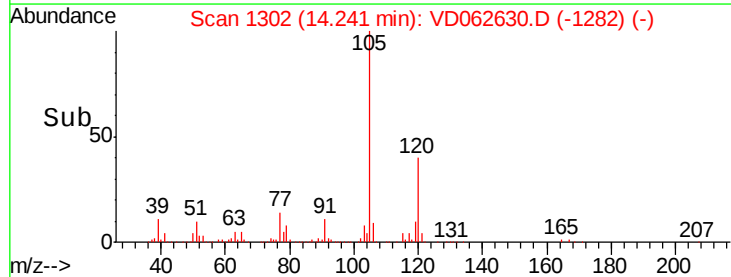
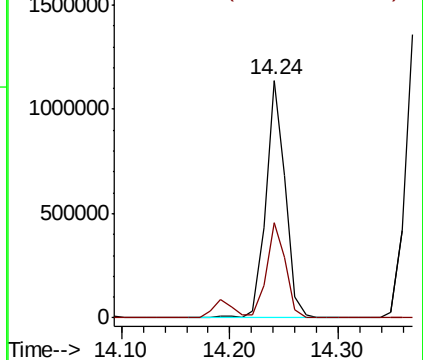


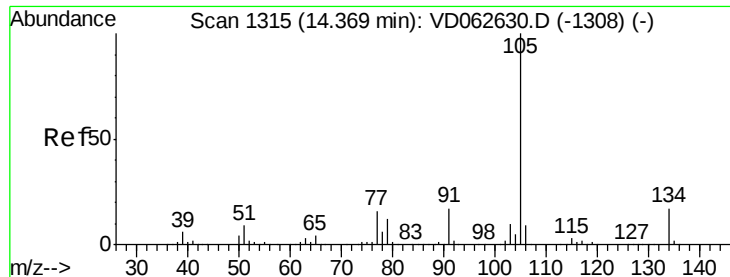
#84
1,2,4-Trimethylbenzene
Concen: 53.835 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion:105 Resp: 1432735
Ion Ratio Lower Upper
105 100
120 39.9 20.0 59.9



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





#85

sec-Butylbenzene

Concen: 59.440 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

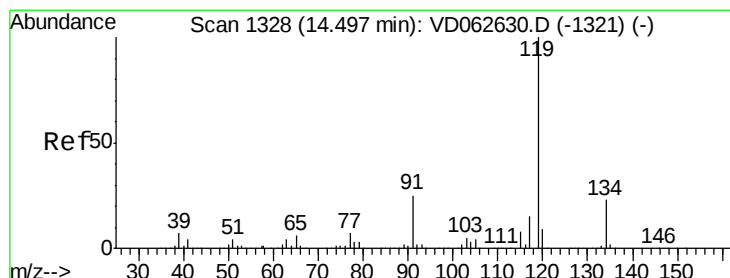
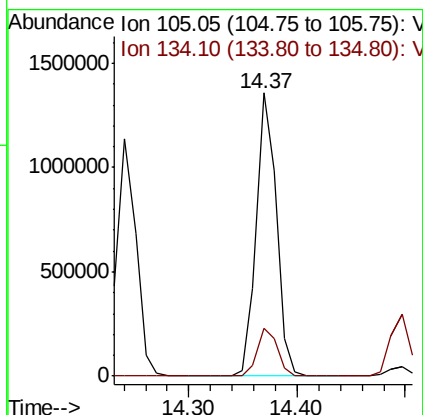
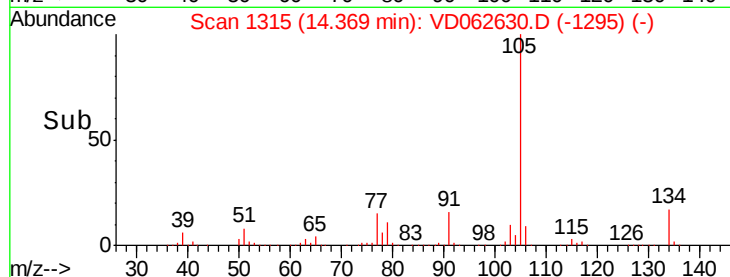
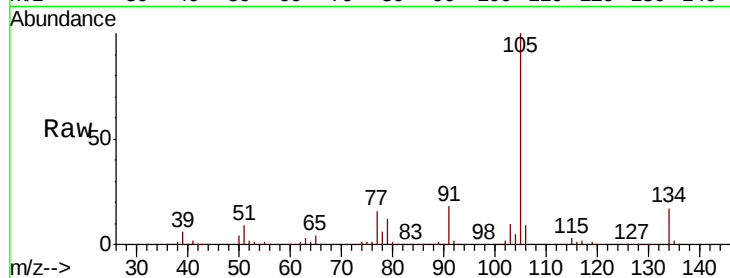
VSTDICCC050

Tot Ion:105 Resp: 1773806

Ion Ratio Lower Upper

105 100

134 17.0 8.5 25.5



#86

p-Isopropyltoluene

Concen: 56.992 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

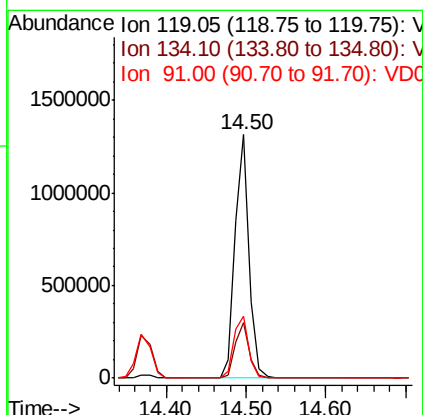
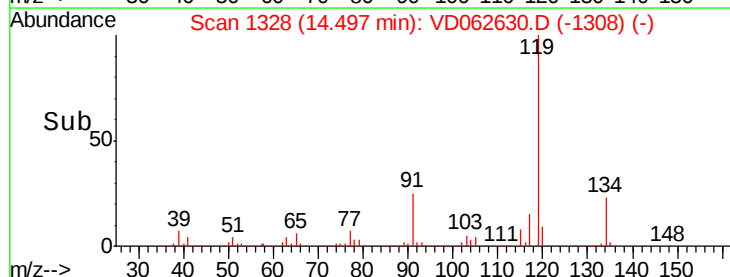
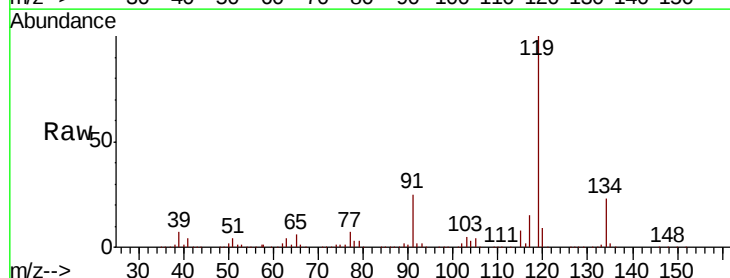
Tgt Ion:119 Resp: 1633391

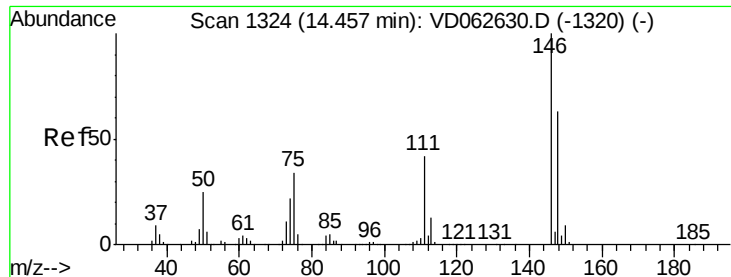
Ion Ratio Lower Upper

119 100

134 22.5 11.3 33.8

91 25.5 12.8 38.3

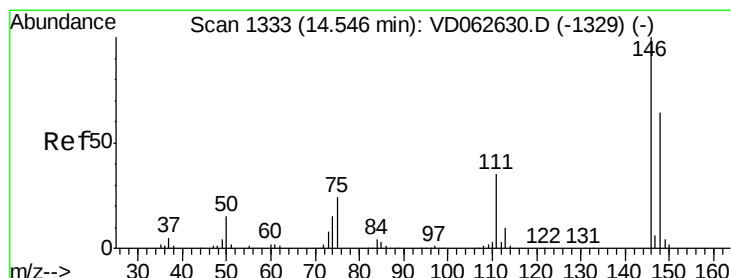
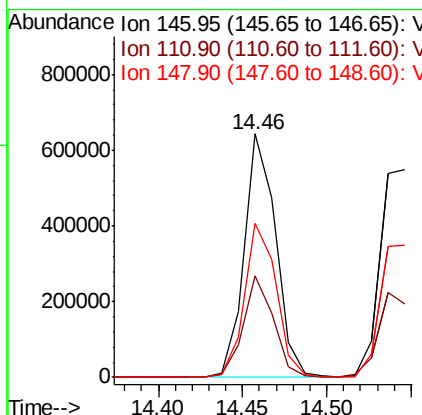
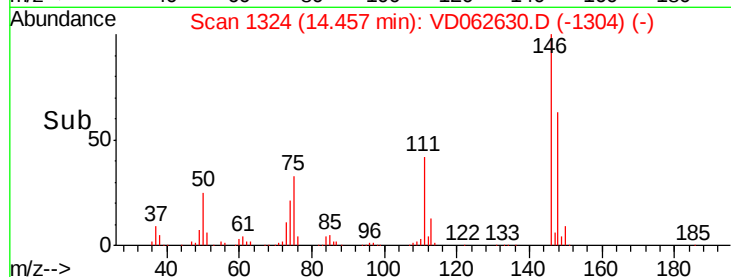
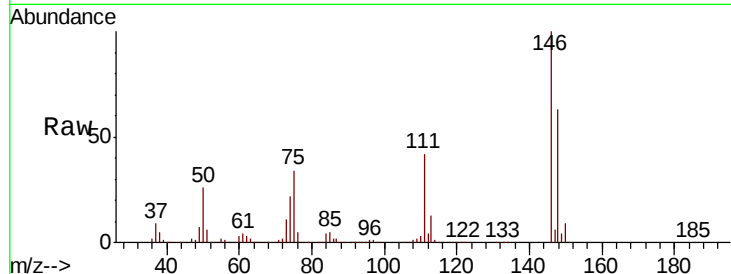




#87
 1,3-Dichlorobenzene
 Concen: 58.006 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

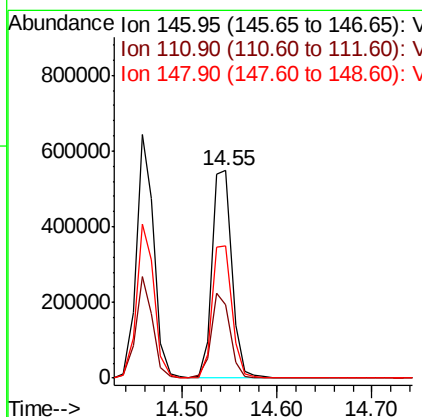
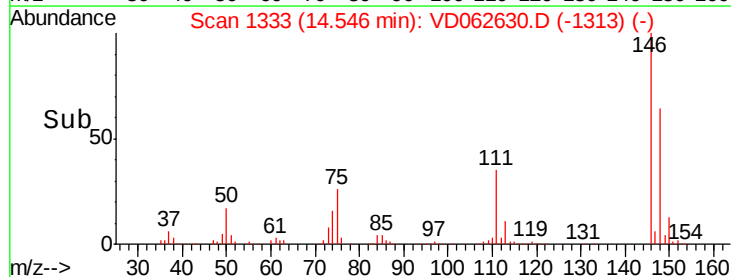
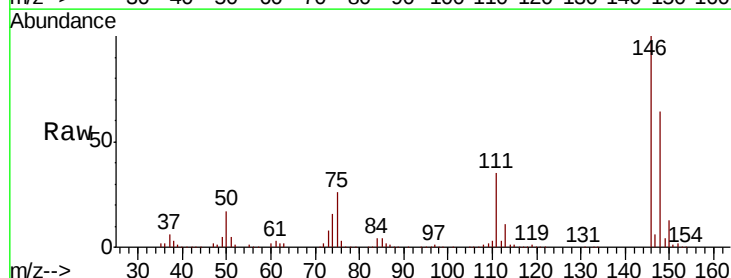
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

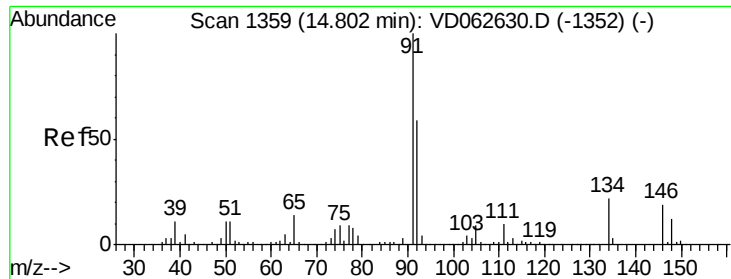
Tot Ion:146 Resp: 833720
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 63.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 55.826 ug/l
 RT: 14.55 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Tgt Ion:146 Resp: 802731
 Ion Ratio Lower Upper
 146 100
 111 35.1 17.5 52.6
 148 63.8 31.9 95.7

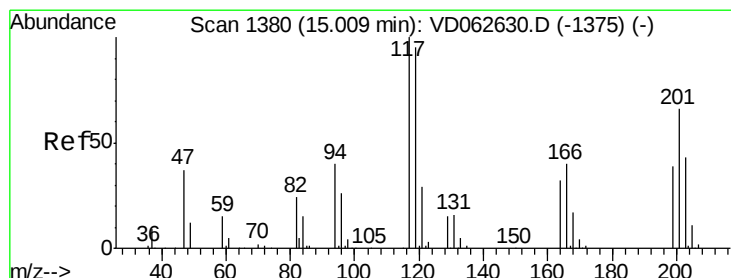
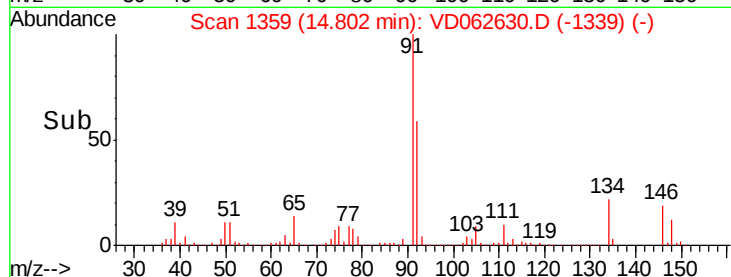
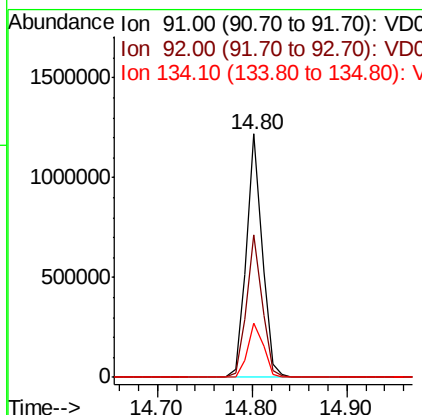
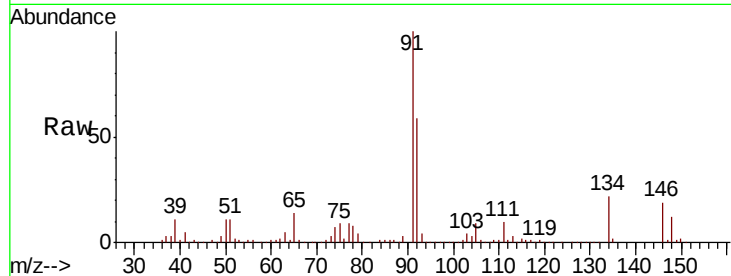




#89
n-Butylbenzene
Concen: 53.842 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

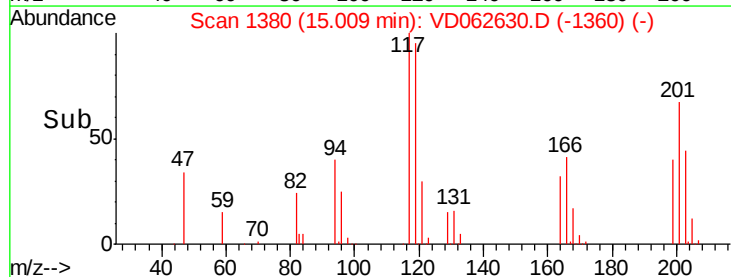
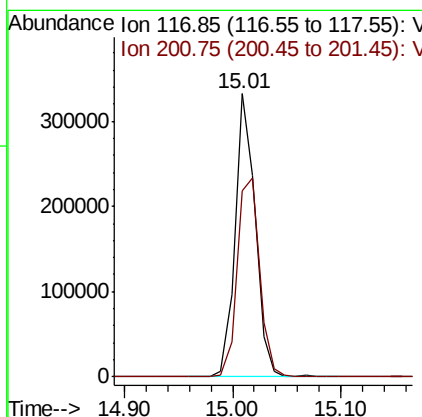
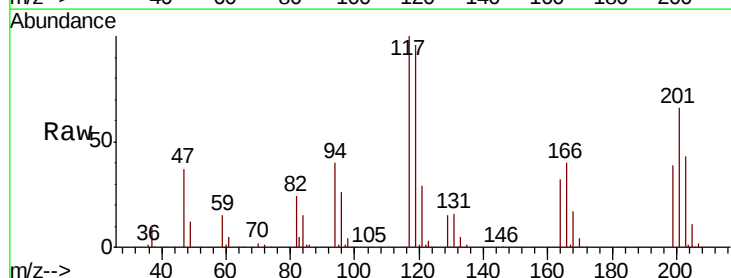
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

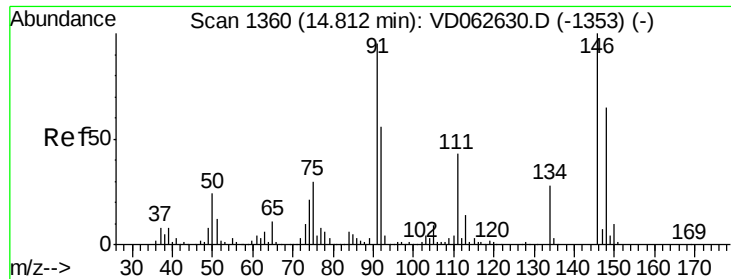
Tot Ion: 91 Resp: 1409774
Ion Ratio Lower Upper
91 100
92 58.5 29.3 87.8
134 22.5 11.3 33.8



#90
Hexachloroethane
Concen: 57.708 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VD062630.D
Acq: 6 Jun 2019 17:47

Tgt Ion: 117 Resp: 431894
Ion Ratio Lower Upper
117 100
201 65.6 32.8 98.4

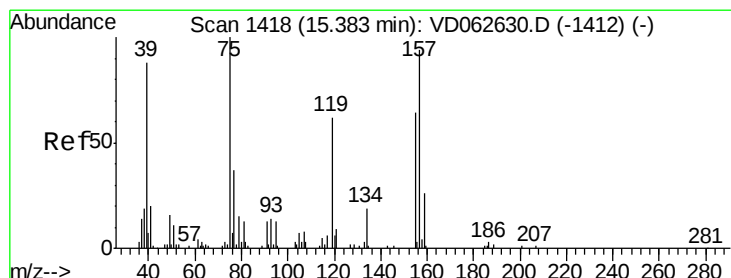
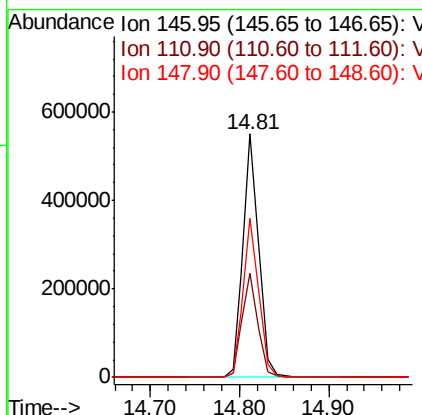
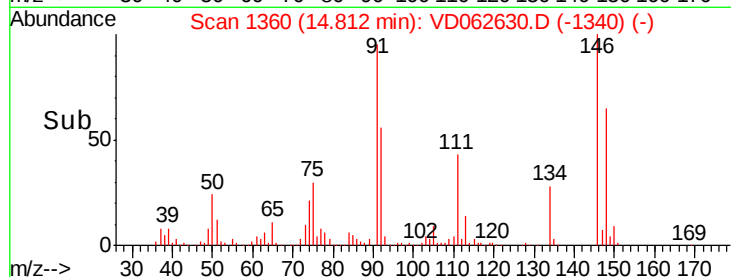
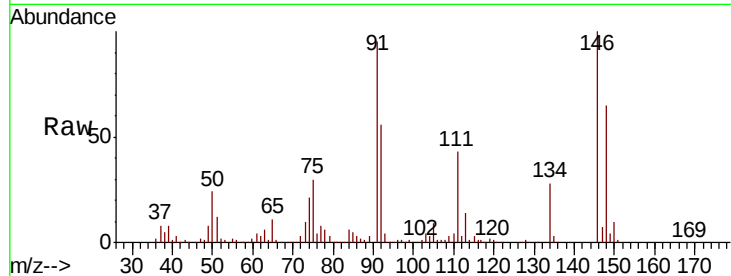




#91
 1,2-Dichlorobenzene
 Concen: 52.794 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

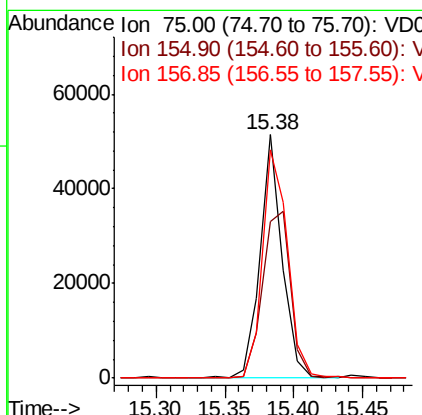
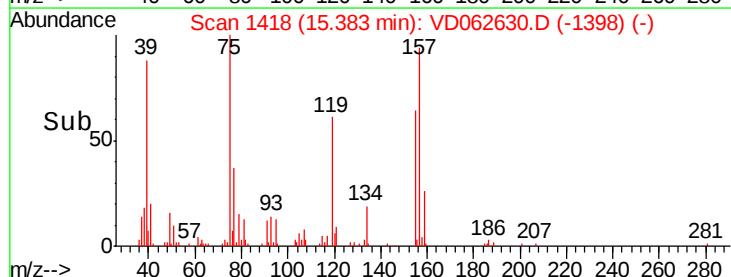
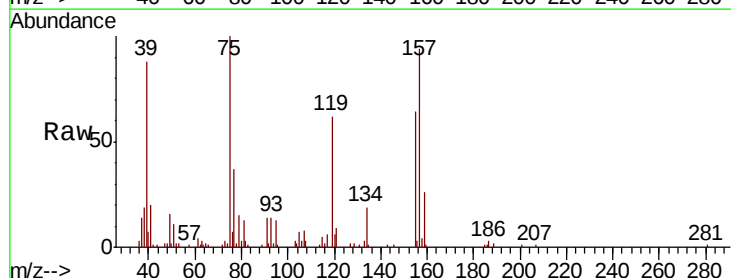
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

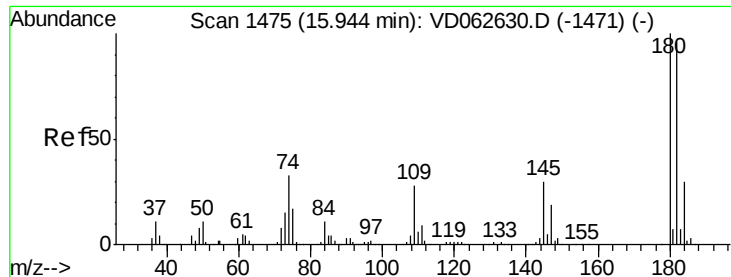
Tot Ion:146 Resp: 681172
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 65.3 32.6 98.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.799 ug/l
 RT: 15.38 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Tgt Ion: 75 Resp: 57565
 Ion Ratio Lower Upper
 75 100
 155 64.4 32.2 96.6
 157 94.0 47.0 141.0

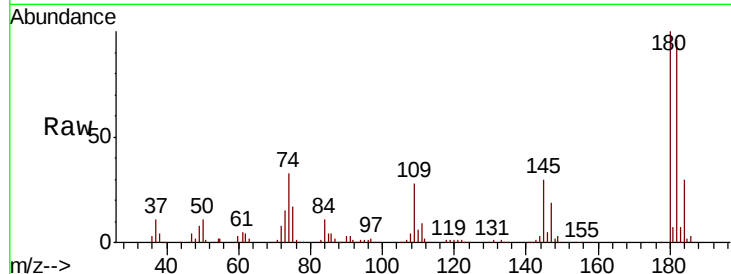




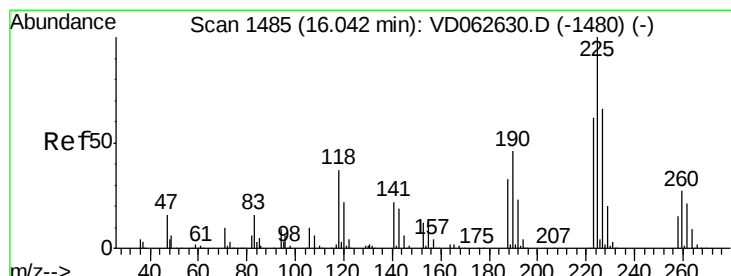
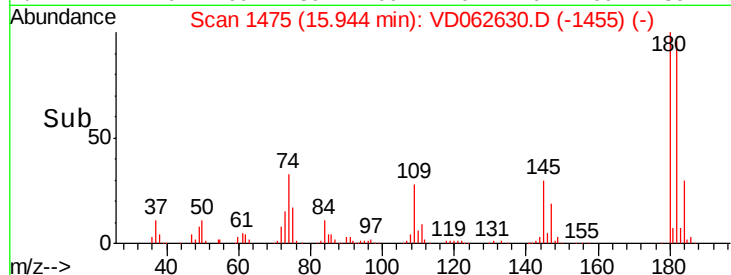
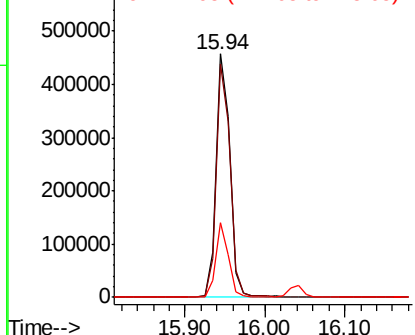
#93
 1,2,4-Trichlorobenzene
 Concen: 59.482 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 566350
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.0 144.2
 145 30.4 15.2 45.6

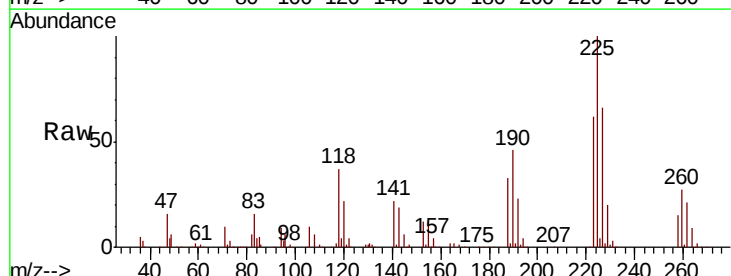


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

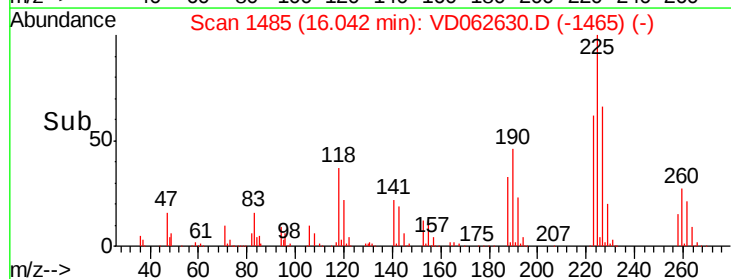
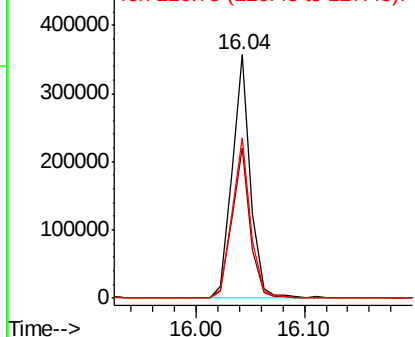


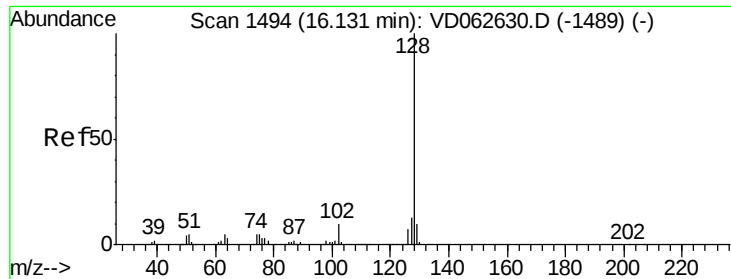
#94
 Hexachlorobutadiene
 Concen: 58.833 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD062630.D
 Acq: 6 Jun 2019 17:47

Tgt Ion:225 Resp: 419928
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.7
 227 65.8 32.9 98.7



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





#95

Naphthalene

Concen: 55.965 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

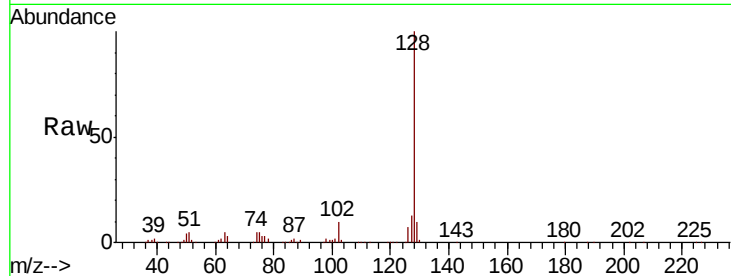
Tot Ion:128 Resp: 756016

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

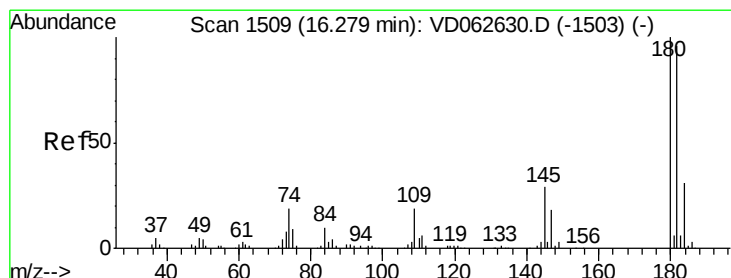
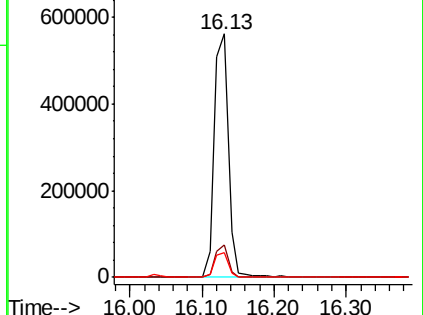
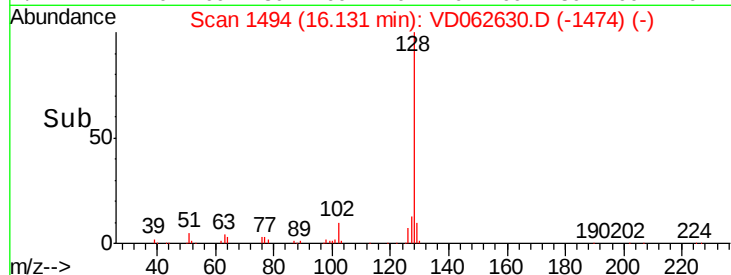
129 10.4 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.844 ug/l

RT: 16.28 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD062630.D

Acq: 6 Jun 2019 17:47

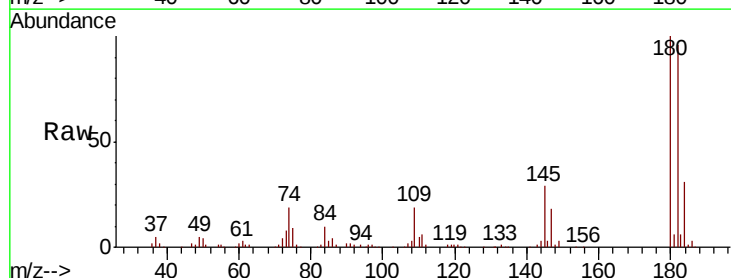
Tgt Ion:180 Resp: 408767

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.2

145 28.8 14.4 43.2



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

