

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
 Data File : VD062612.D
 Acq On : 5 Jun 2019 14:46
 Operator : FY/SY
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 06 05:29:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 06 05:23:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	749539	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	973075	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	834172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	479264	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	99396	9.67	ug/l	0.00
Spiked Amount			Recovery	=	19.34%	
35) Dibromofluoromethane	6.93	113	92284	9.33	ug/l	0.00
Spiked Amount			Recovery	=	18.66%	
50) Toluene-d8	10.42	98	215918	10.13	ug/l	0.00
Spiked Amount			Recovery	=	20.26%	
62) 4-Bromofluorobenzene	13.56	95	97639	9.72	ug/l	0.00
Spiked Amount			Recovery	=	19.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	96028	10.358	ug/l	93
3) Chloromethane	1.75	50	76485	10.567	ug/l #	86
4) Vinyl Chloride	1.85	62	69959	9.856	ug/l	98
5) Bromomethane	2.16	94	35894	10.295	ug/l	91
6) Chloroethane	2.28	64	38860	10.848	ug/l	90
7) Trichlorofluoromethane	2.53	101	159031	10.036	ug/l	98
8) Diethyl Ether	2.87	74	20763	10.083	ug/l	73
9) 1,1,2-Trichlorotrifluoroet	3.15	101	88967	9.986	ug/l	99
10) Methyl Iodide	3.31	142	106145	9.309	ug/l	97
11) Tert butyl alcohol	4.09	59	22113	48.031	ug/l #	85
12) 1,1-Dichloroethene	3.13	96	62259	9.536	ug/l	96
13) Acrolein	3.04	56	7305	44.868	ug/l	95
14) Allyl chloride	3.62	41	97502	9.799	ug/l #	90
15) Acrylonitrile	4.21	53	53183	52.991	ug/l #	81
16) Acetone	3.23	43	96814	52.399	ug/l #	86
17) Carbon Disulfide	3.38	76	181085	9.517	ug/l	97
18) Methyl Acetate	3.65	43	36133	10.998	ug/l #	89
19) Methyl tert-butyl Ether	4.24	73	163159	10.306	ug/l	99
20) Methylene Chloride	3.82	84	81924	11.392	ug/l	87
21) trans-1,2-Dichloroethene	4.21	96	74123	10.414	ug/l	86
22) Diisopropyl ether	5.13	45	216119	10.282	ug/l	90
23) Vinyl Acetate	5.07	43	651506	50.949	ug/l	98
24) 1,1-Dichloroethane	4.99	63	130290	9.838	ug/l #	96
25) 2-Butanone	6.08	43	92903	52.932	ug/l #	87
26) 2,2-Dichloropropane	6.04	77	142424	9.842	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	76877	10.021	ug/l	96
28) Bromochloromethane	6.45	49	44754	8.932	ug/l	94
29) Tetrahydrofuran	6.47	42	41532	50.975	ug/l	91
30) Chloroform	6.68	83	172619	10.480	ug/l	98
31) Cyclohexane	6.96	56	81926	9.677	ug/l	90
32) 1,1,1-Trichloroethane	6.88	97	160566	9.629	ug/l	97
36) 1,1-Dichloropropene	7.15	75	108644	10.385	ug/l	96
37) Ethyl Acetate	6.19	43	46218	10.947	ug/l #	90
38) Carbon Tetrachloride	7.12	117	167941	10.590	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	90015	10.063	ug/l	92
40) Benzene	7.46	78	205887	9.964	ug/l	99
41) Methacrylonitrile	6.47	41	57925	10.595	ug/l #	81
42) 1,2-Dichloroethane	7.58	62	132436	10.889	ug/l	97
43) Isopropyl Acetate	9.25	43	57969	9.990	ug/l #	100
44) Trichloroethene	8.55	130	86997	10.382	ug/l	89
45) 1,2-Dichloropropane	8.95	63	51703	9.992	ug/l	91
46) Dibromomethane	9.07	93	46827	10.403	ug/l	93
47) Bromodichloromethane	9.37	83	119849	9.885	ug/l	97
48) Methyl methacrylate	9.13	41	41547	10.528	ug/l	94
49) 1,4-Dioxane	9.09	88	6949	221.874	ug/l #	76
51) 4-Methyl-2-Pentanone	10.31	43	202684	53.642	ug/l	98
52) Toluene	10.52	92	141203	10.303	ug/l	88
53) t-1,3-Dichloropropene	10.92	75	101747	10.107	ug/l	93
54) cis-1,3-Dichloropropene	10.04	75	98005	9.560	ug/l #	84
55) 1,1,2-Trichloroethane	11.19	97	51401	10.932	ug/l	89
56) Ethyl methacrylate	11.05	69	52436	10.006	ug/l #	87
57) 1,3-Dichloropropane	11.41	76	82425	11.228	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.87	63	152898	56.887	ug/l	97
59) 2-Hexanone	11.54	43	148763	51.925	ug/l	99
60) Dibromochloromethane	11.69	129	96963	10.553	ug/l	95
61) 1,2-Dibromoethane	11.81	107	59258	10.290	ug/l	91
64) Tetrachloroethene	11.26	164	74263	9.858	ug/l #	86
65) Chlorobenzene	12.41	112	180487	10.413	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	86971	10.438	ug/l	95
67) Ethyl Benzene	12.52	91	345373	11.024	ug/l	92
68) m/p-Xylenes	12.67	106	218239	19.971	ug/l	92
69) o-Xylene	13.06	106	108556	10.310	ug/l	98
70) Styrene	13.07	104	185597	10.492	ug/l	98
71) Bromoform	13.24	173	56985	9.902	ug/l #	93
73) Isopropylbenzene	13.41	105	348038	10.444	ug/l	97
74) N-amyl acetate	13.27	43	86354	10.036	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	53841	9.638	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	62143	9.940	ug/l	97
77) Bromobenzene	13.68	156	96373	10.397	ug/l	83
78) n-propylbenzene	13.77	91	412973	10.686	ug/l	99
79) 2-Chlorotoluene	13.84	91	239404	10.218	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	301171	10.501	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	13706	8.529	ug/l	94
82) 4-Chlorotoluene	13.95	91	290813	10.547	ug/l	92
83) tert-Butylbenzene	14.20	119	321078	10.167	ug/l	87
84) 1,2,4-Trimethylbenzene	14.24	105	319972	10.900	ug/l	96
85) sec-Butylbenzene	14.37	105	309076	9.498	ug/l	98
86) p-Isopropyltoluene	14.49	119	320188	10.235	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	160294	10.304	ug/l	94
88) 1,4-Dichlorobenzene	14.54	146	161095	10.225	ug/l	97
89) n-Butylbenzene	14.80	91	287700	9.890	ug/l	95
90) Hexachloroethane	15.01	117	72938	8.858	ug/l	74
91) 1,2-Dichlorobenzene	14.82	146	149243	10.389	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.39	75	10820	9.469	ug/l	87

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Quant Title : SW846 8260
QLast Update : Thu Jun 06 05:23:50 2019
Response via : Initial Calibration

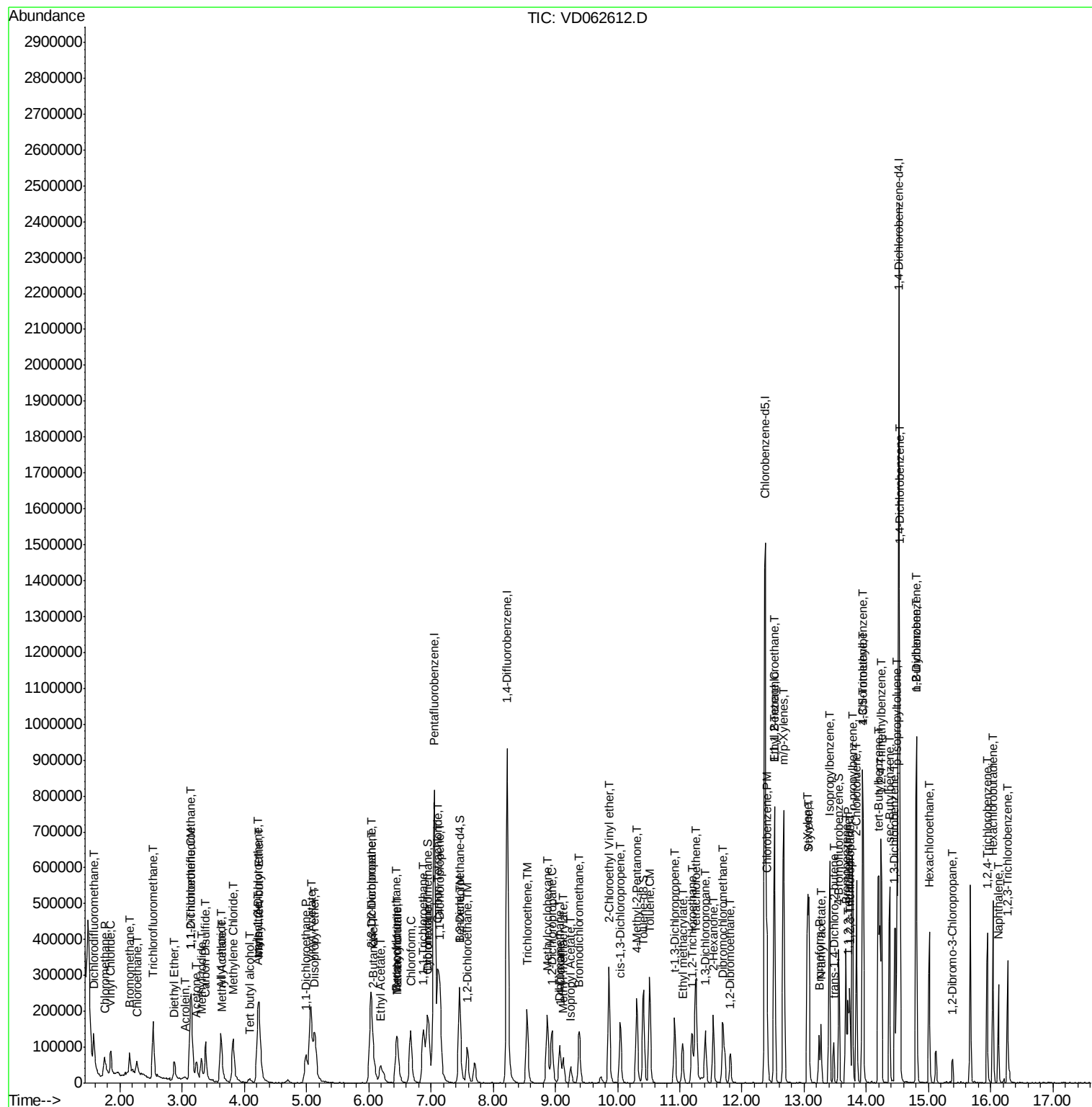
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	105319	10.204	ug/l	96
94) Hexachlorobutadiene	16.04	225	74927	9.678	ug/l	95
95) Naphthalene	16.13	128	148760	10.065	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	77381	9.804	ug/l	98

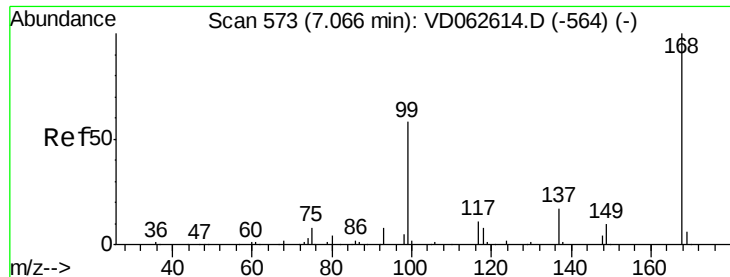
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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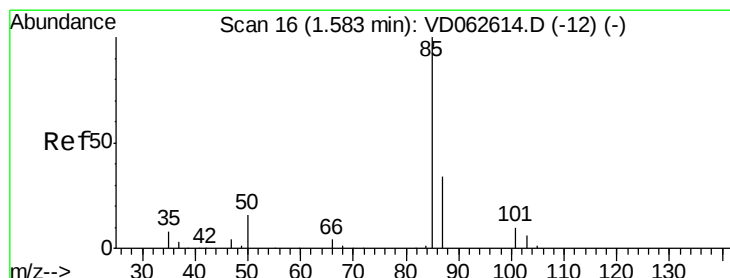
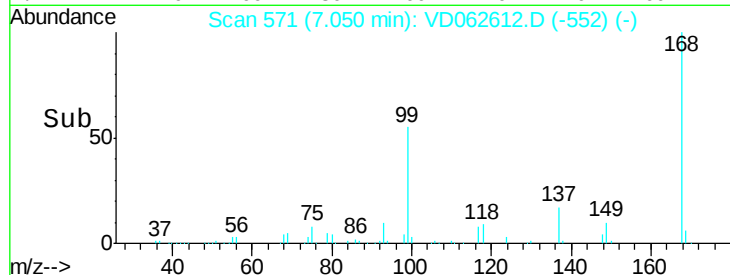
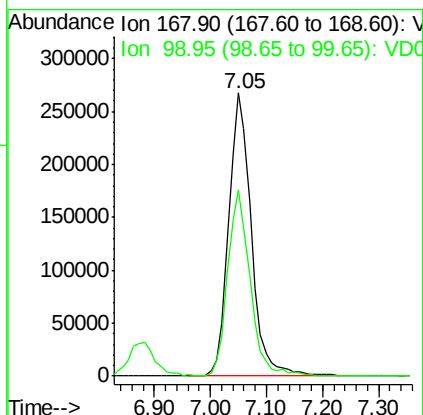
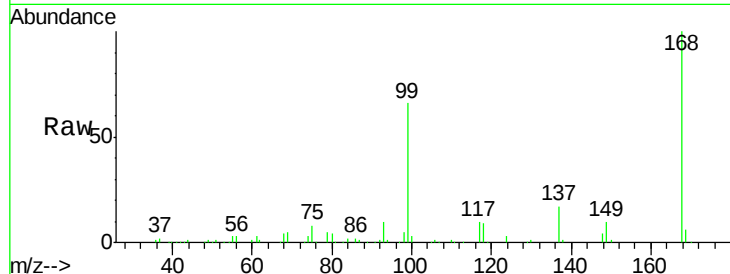




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

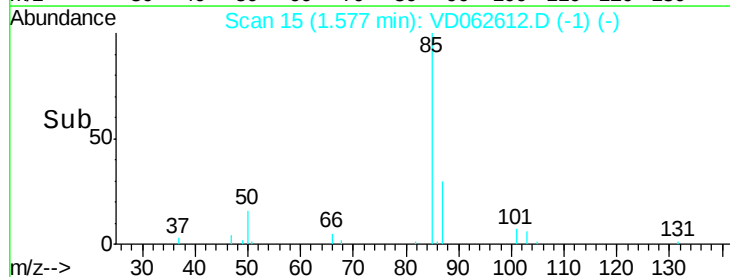
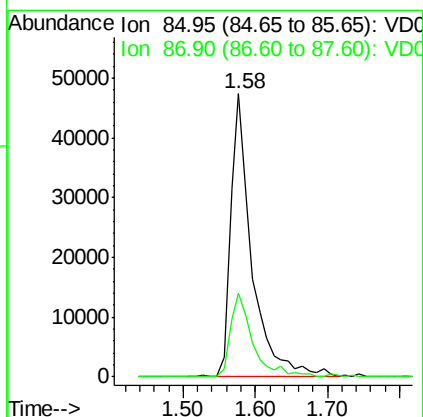
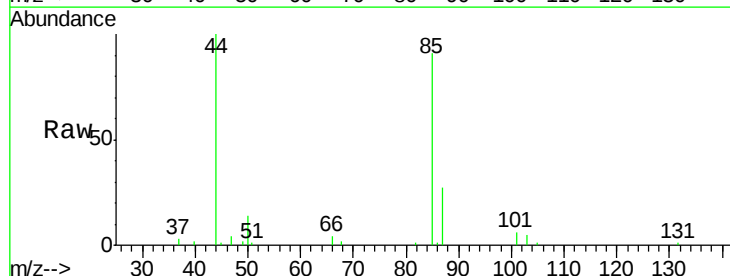
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

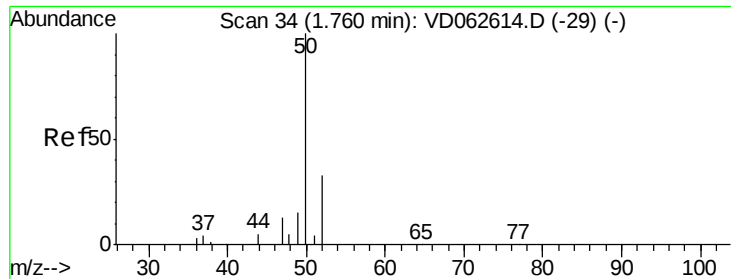
Tot Ion:168 Resp: 749539
Ion Ratio Lower Upper
168 100
99 65.6 48.1 72.1



#2
Dichlorodifluoromethane
Concen: 10.358 ug/l
RT: 1.58 min Scan# 15
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 85 Resp: 96028
Ion Ratio Lower Upper
85 100
87 29.6 16.9 50.6





#3

Chloromethane

Concen: 10.567 ug/l

RT: 1.75 min Scan# 33

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

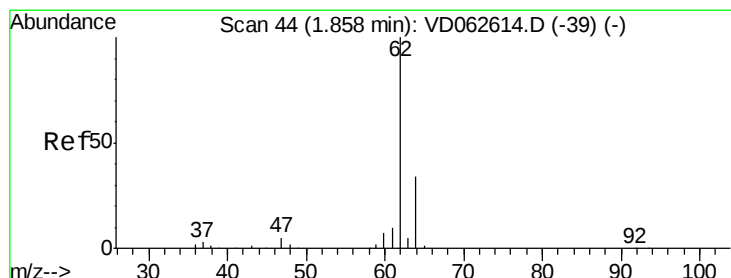
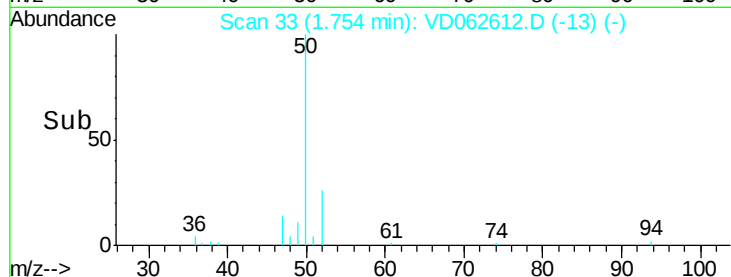
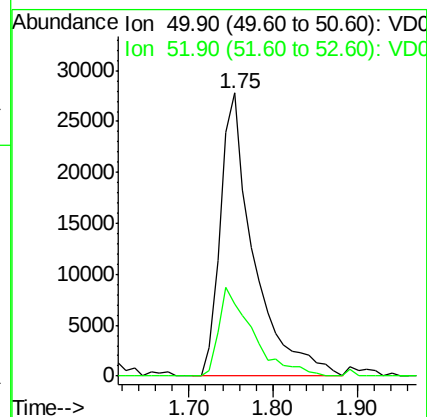
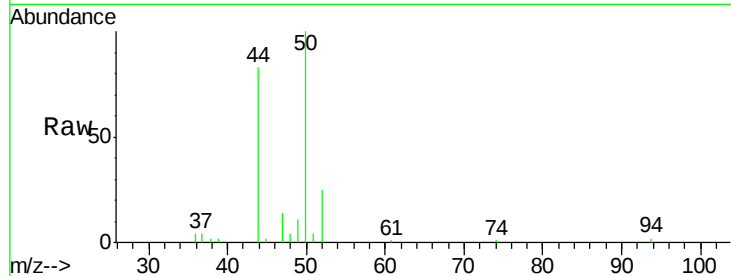
VSTDIC010

Tot Ion: 50 Resp: 76485

Ion Ratio Lower Upper

50 100

52 25.4 26.6 40.0#



#4

Vinyl Chloride

Concen: 9.856 ug/l

RT: 1.85 min Scan# 43

Delta R.T. -0.01 min

Lab File: VD062612.D

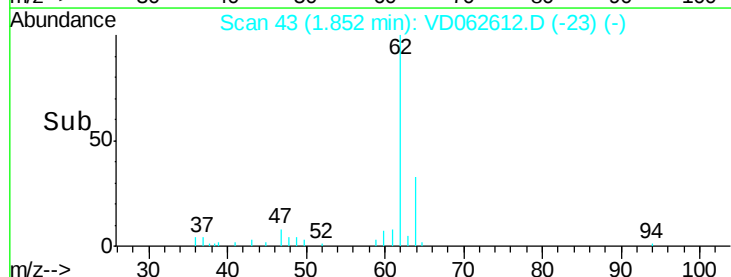
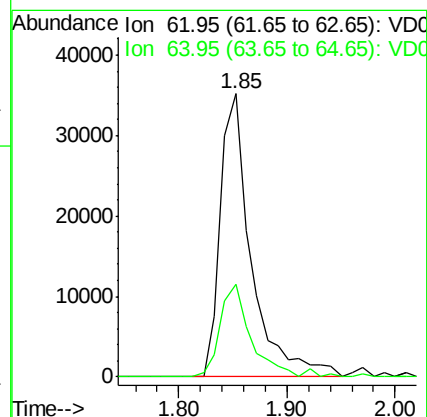
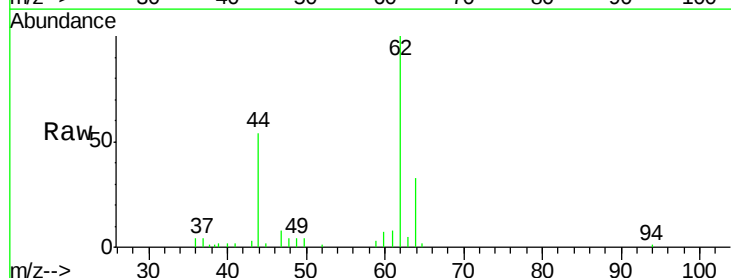
Acq: 5 Jun 2019 14:46

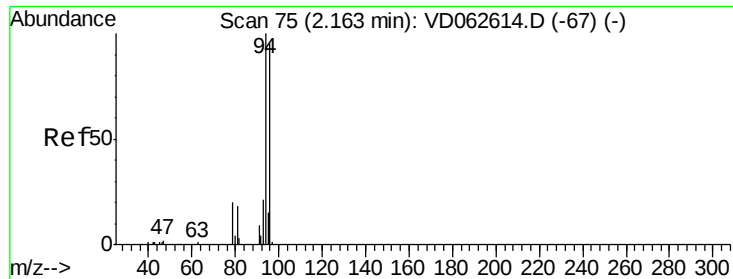
Tgt Ion: 62 Resp: 69959

Ion Ratio Lower Upper

62 100

64 32.8 27.2 40.8





#5

Bromomethane

Concen: 10.295 ug/l

RT: 2.16 min Scan# 74

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

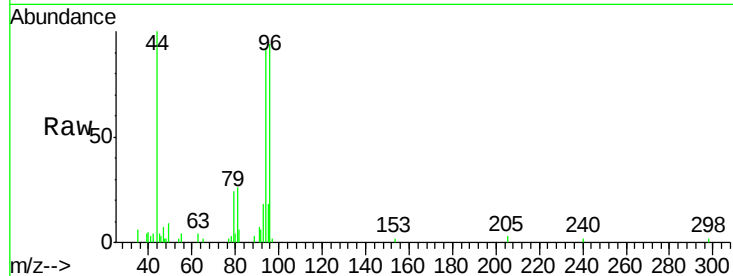
Tot Ion: 94 Resp: 35894

Ion Ratio Lower Upper

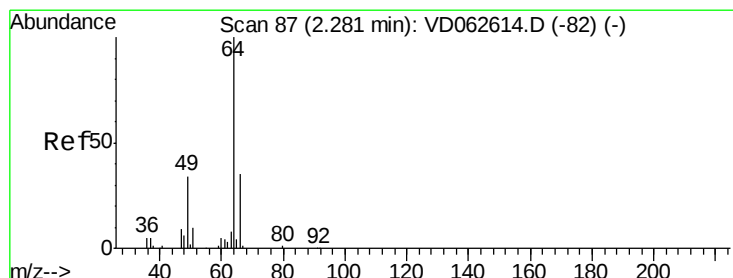
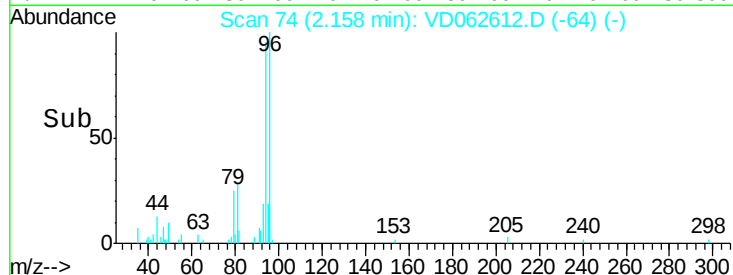
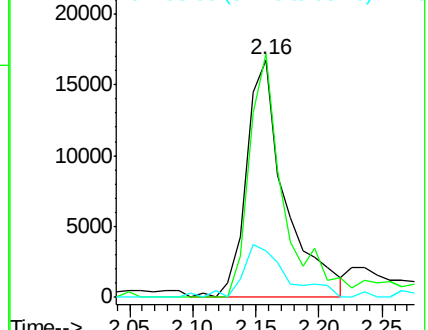
94 100

96 104.3 75.8 113.8

93 19.4 16.6 25.0



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



#6

Chloroethane

Concen: 10.848 ug/l

RT: 2.28 min Scan# 86

Delta R.T. -0.01 min

Lab File: VD062612.D

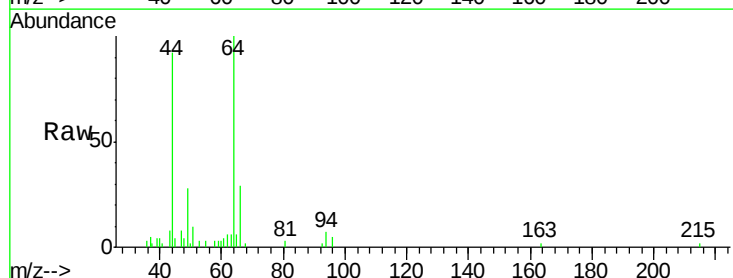
Acq: 5 Jun 2019 14:46

Tgt Ion: 64 Resp: 38860

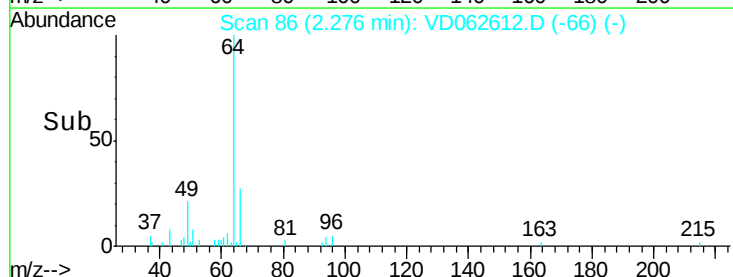
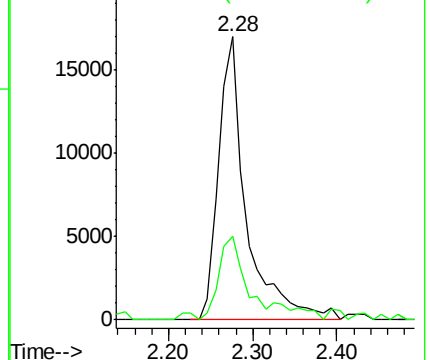
Ion Ratio Lower Upper

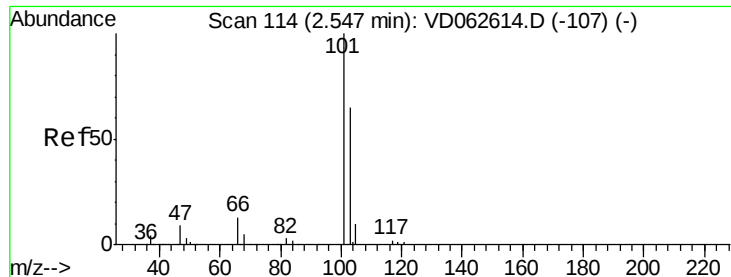
64 100

66 29.4 28.4 42.6



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



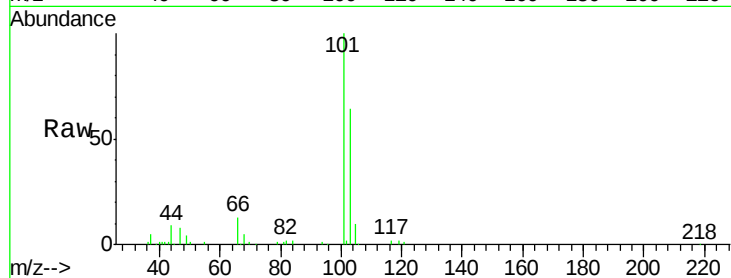


#7

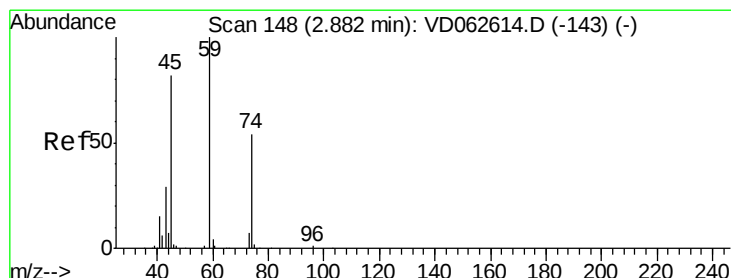
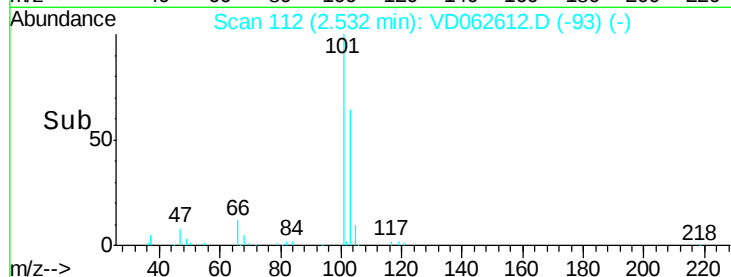
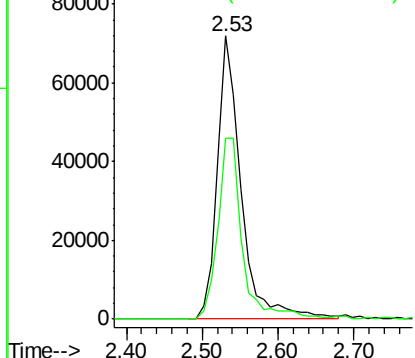
Trichlorofluoromethane
Concen: 10.036 ug/l
RT: 2.53 min Scan# 112
Delta R.T. -0.02 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Instrument :
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Tot Ion:101 Resp: 159031
Ion Ratio Lower Upper
101 100
103 63.7 52.1 78.1



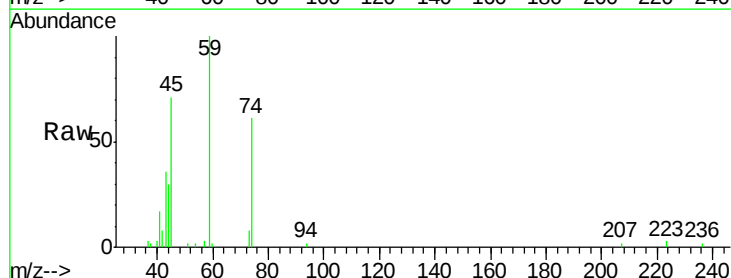
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



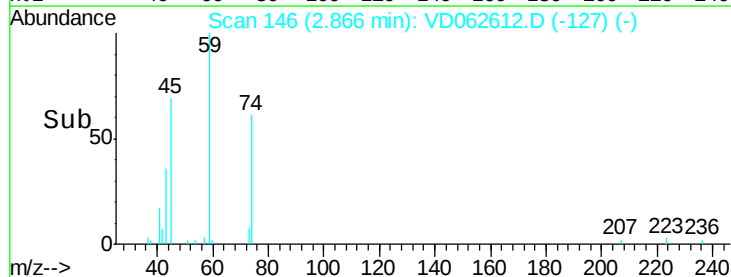
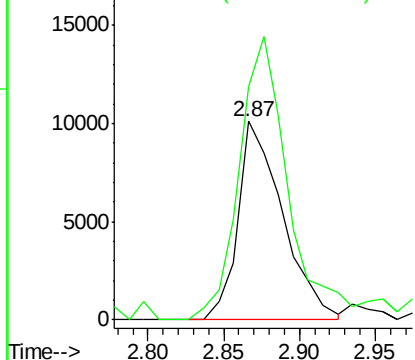
#8

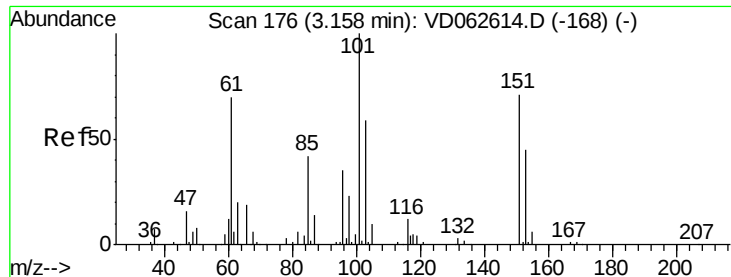
Diethyl Ether
Concen: 10.083 ug/l
RT: 2.87 min Scan# 146
Delta R.T. -0.02 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 74 Resp: 20763
Ion Ratio Lower Upper
74 100
45 117.4 75.6 226.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.986 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.01 min

Lab File: VD062612.D

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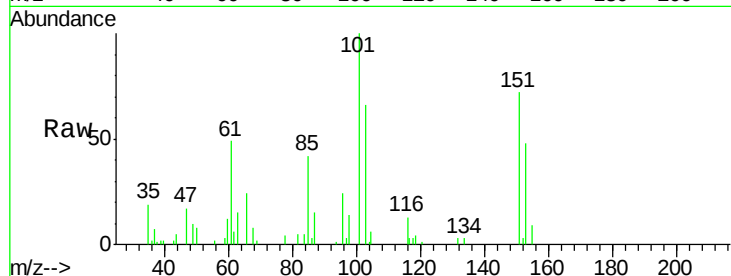
Tot Ion:101 Resp: 88967

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.6

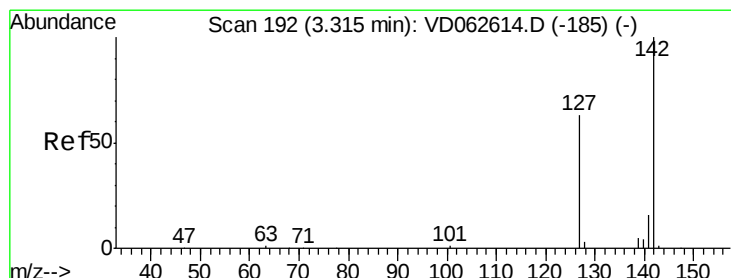
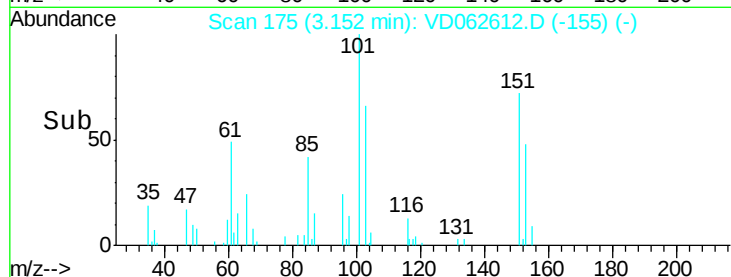
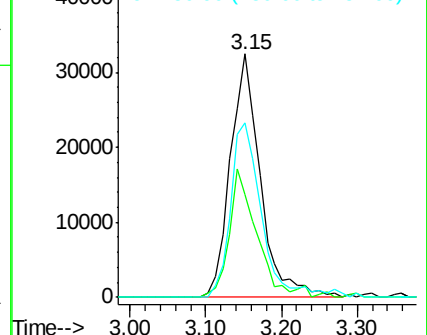
151 71.7 56.8 85.2



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: 9.309 ug/l

RT: 3.31 min Scan# 191

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

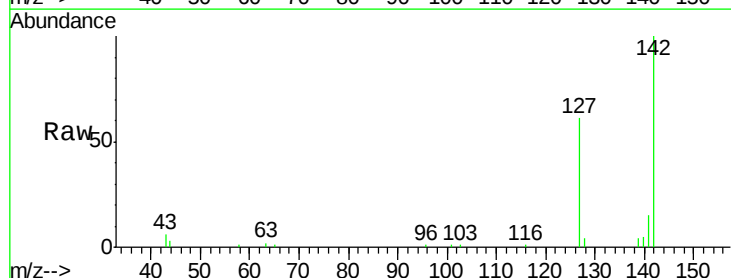
Tgt Ion:142 Resp: 106145

Ion Ratio Lower Upper

142 100

127 60.7 50.7 76.1

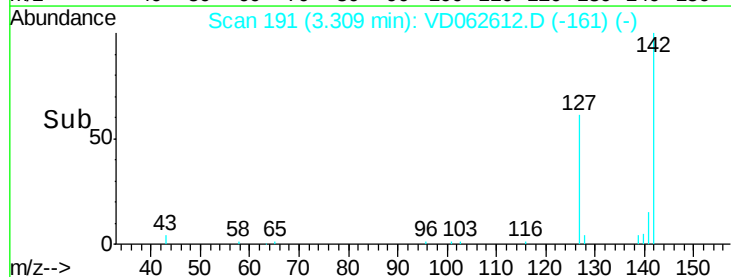
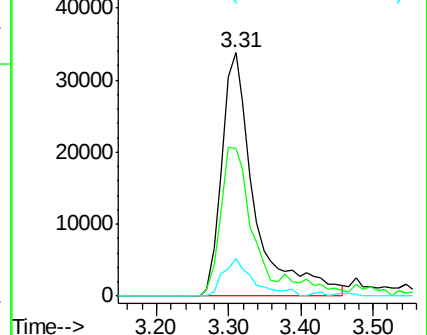
141 15.5 12.9 19.3

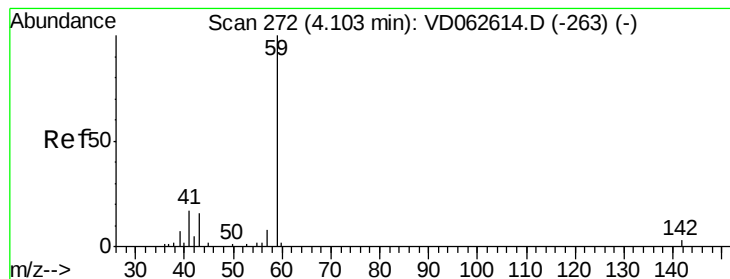


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



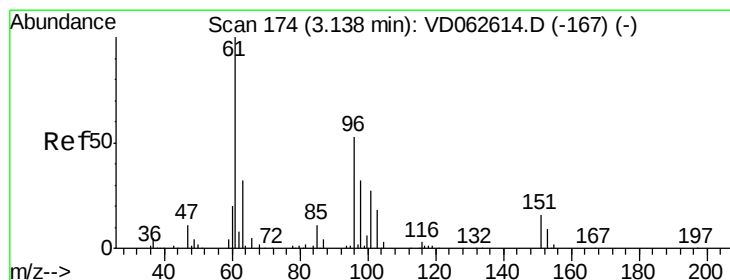
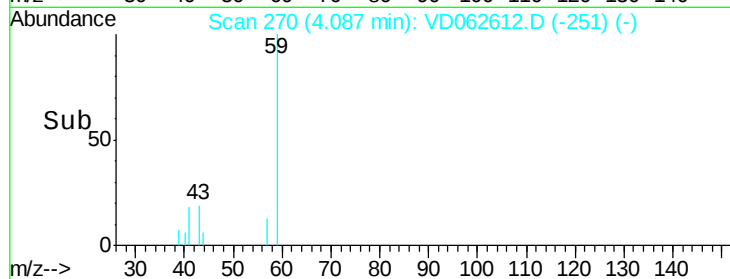
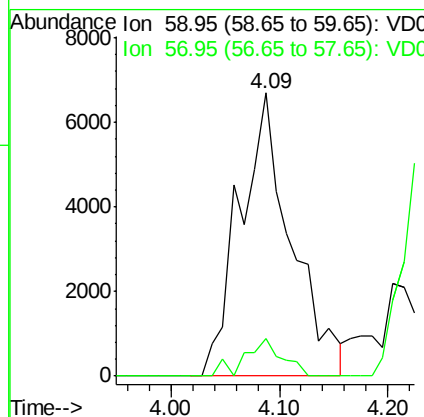
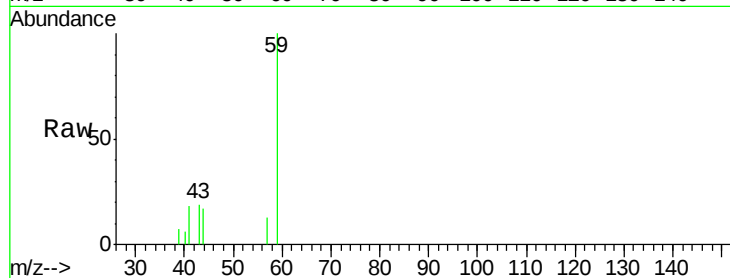


#11

Tert butyl alcohol
 Concen: 48.031 ug/l
 RT: 4.09 min Scan# 270
 Delta R.T. -0.02 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

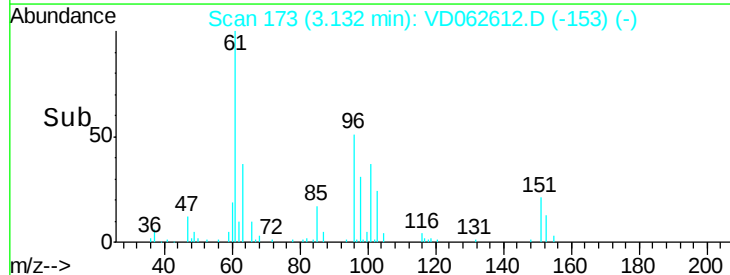
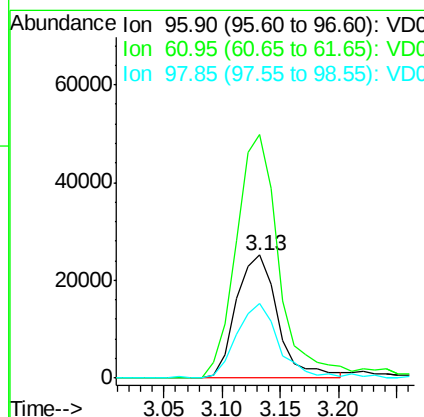
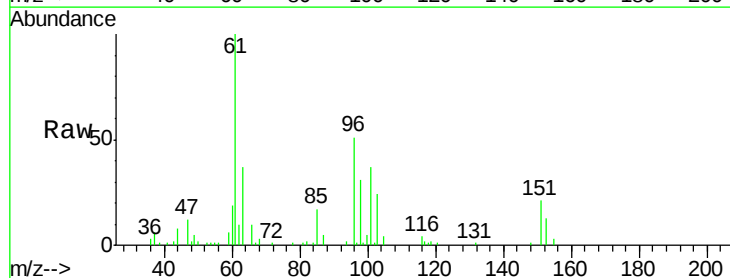
Tot Ion: 59 Resp: 22113
 Ion Ratio Lower Upper
 59 100
 57 13.3 6.4 9.6#

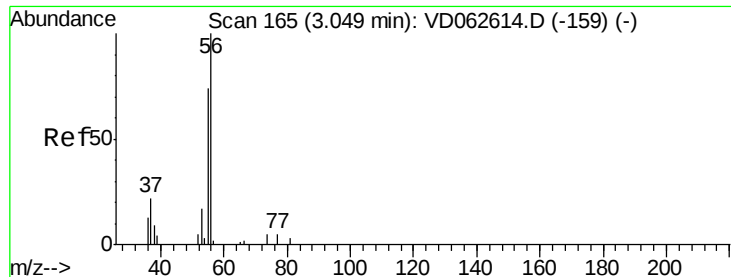


#12

1,1-Dichloroethene
 Concen: 9.536 ug/l
 RT: 3.13 min Scan# 173
 Delta R.T. -0.01 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Tgt Ion: 96 Resp: 62259
 Ion Ratio Lower Upper
 96 100
 61 197.7 151.3 226.9
 98 60.5 48.6 72.8





#13

Acrolein

Concen: 44.868 ug/l

RT: 3.04 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

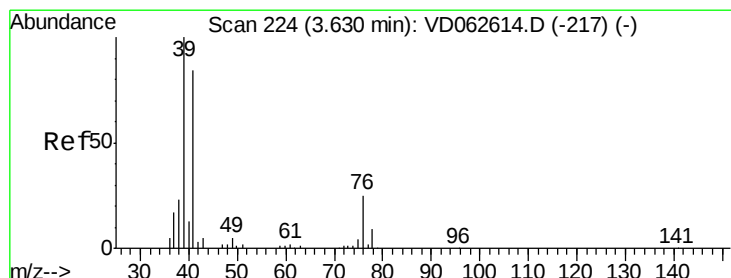
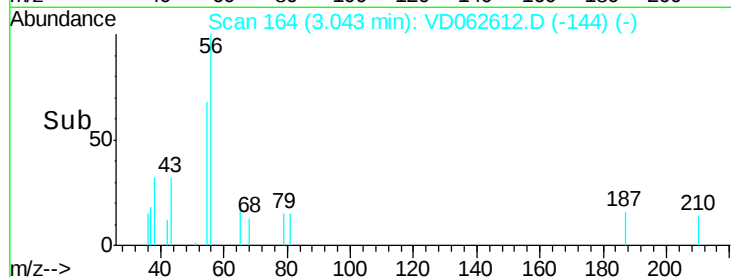
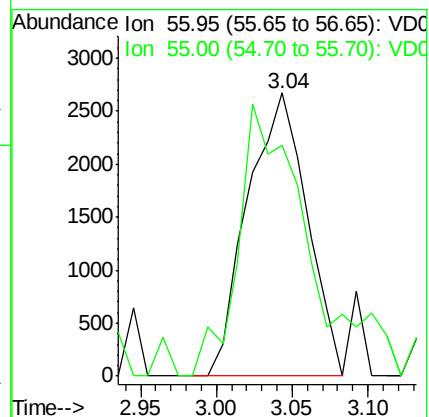
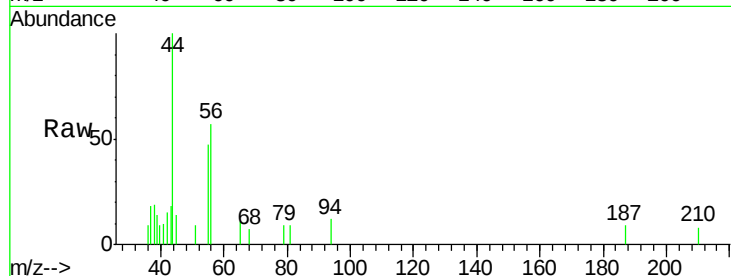
VSTDIC010

Tot Ion: 56 Resp: 7305

Ion Ratio Lower Upper

56 100

55 81.4 61.4 92.0



#14

Allyl chloride

Concen: 9.799 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

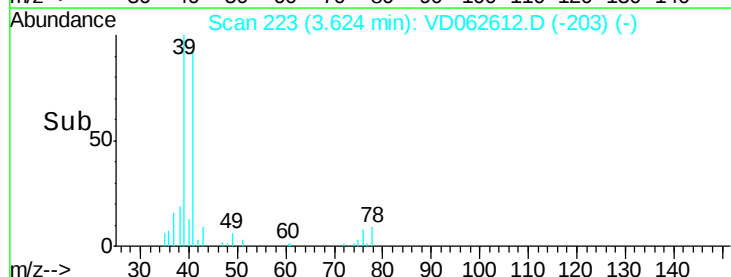
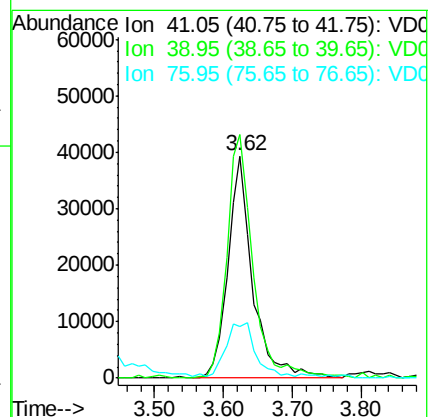
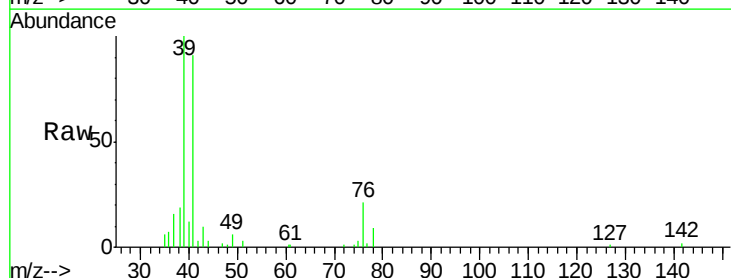
Tgt Ion: 41 Resp: 97502

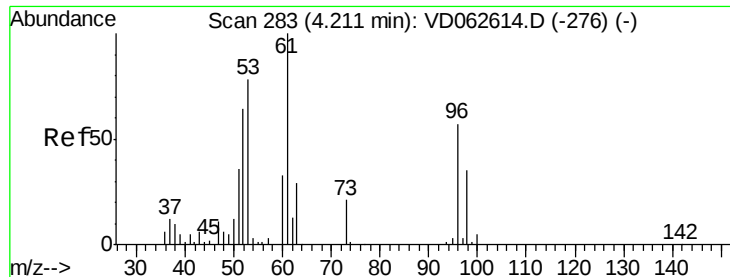
Ion Ratio Lower Upper

41 100

39 109.4 95.5 143.3

76 23.2 25.4 38.0#





#15

Acrylonitrile

Concen: 52.991 ug/l

RT: 4.21 min Scan# 282

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

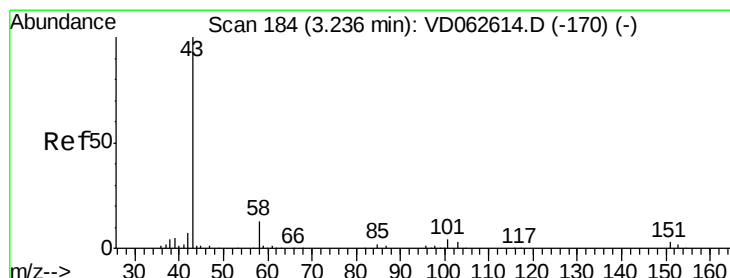
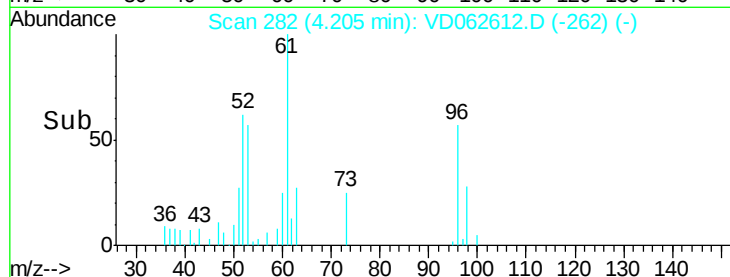
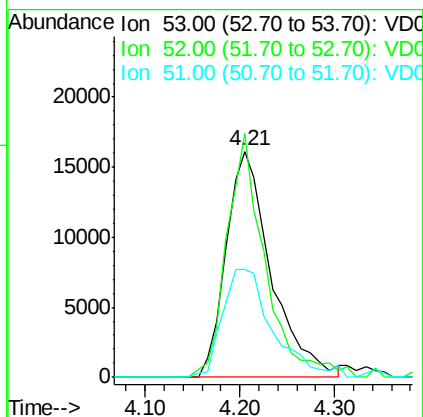
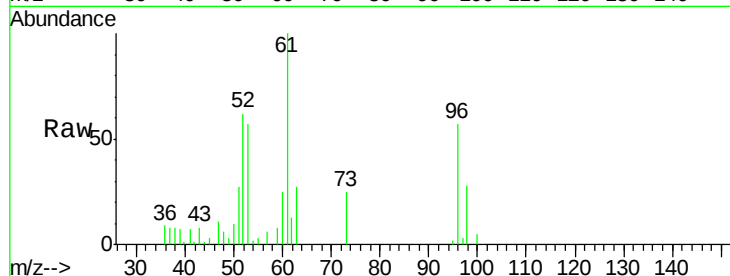
Tot Ion: 53 Resp: 53183

Ion Ratio Lower Upper

53 100

52 107.7 65.8 98.6#

51 47.8 36.9 55.3



#16

Acetone

Concen: 52.399 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062612.D

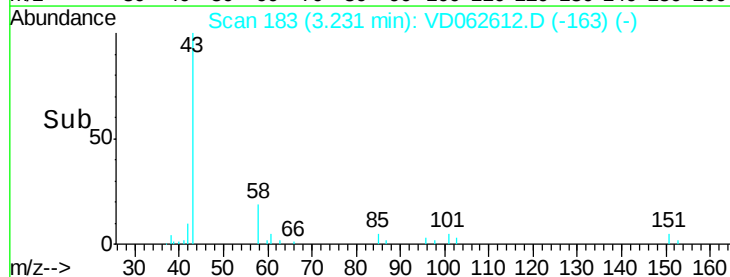
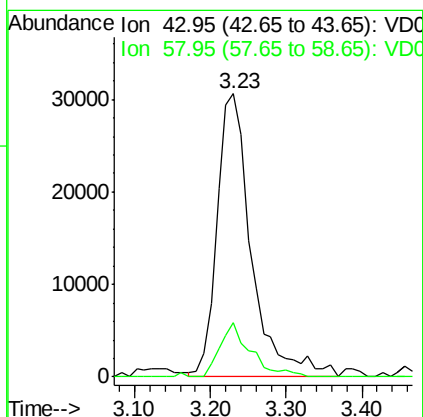
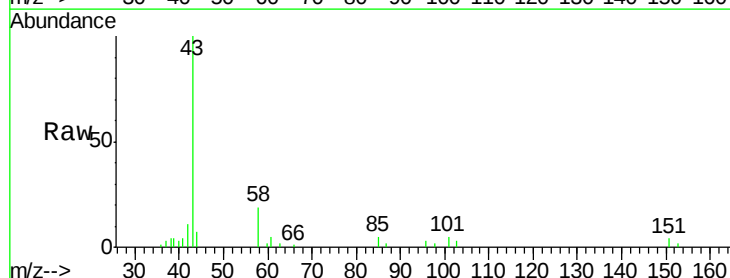
Acq: 5 Jun 2019 14:46

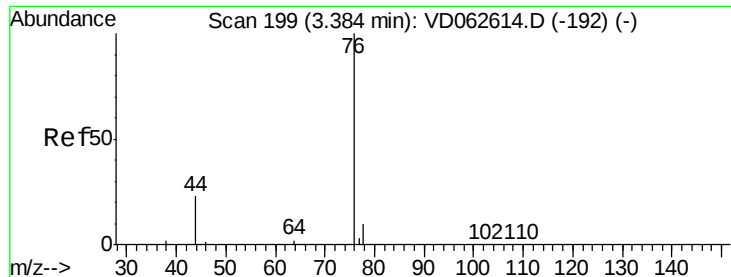
Tgt Ion: 43 Resp: 96814

Ion Ratio Lower Upper

43 100

58 19.1 10.7 16.1#

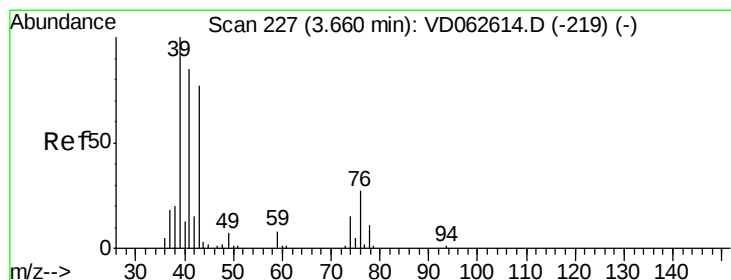
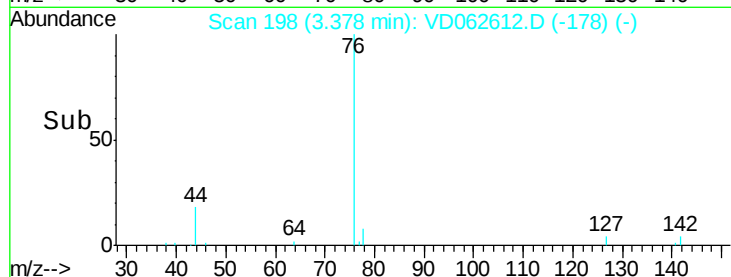
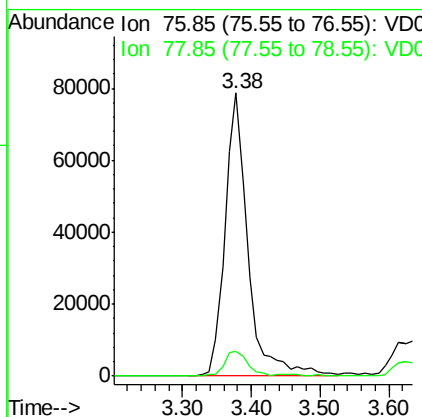
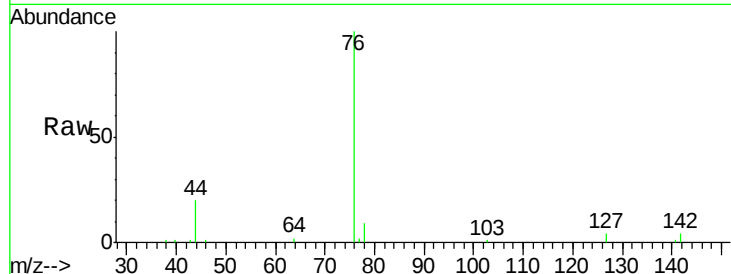




#17
Carbon Disulfide
Concen: 9.517 ug/l
RT: 3.38 min Scan# 198
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

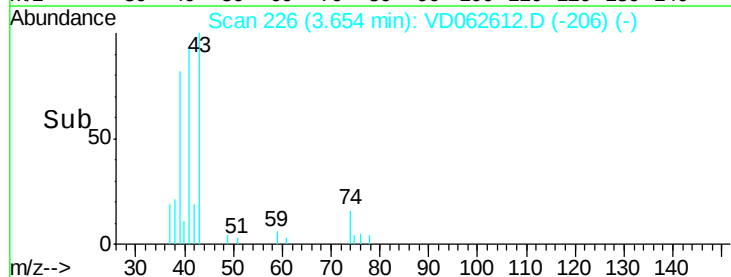
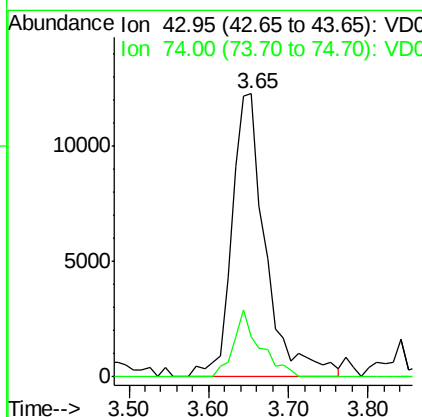
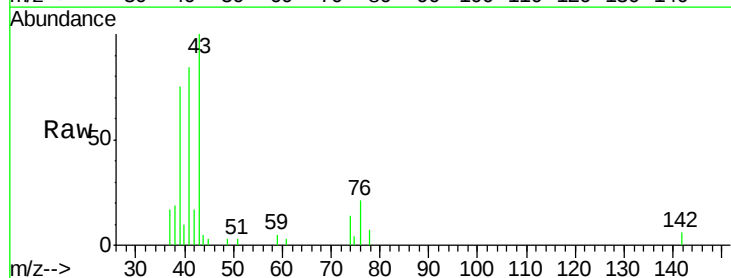
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

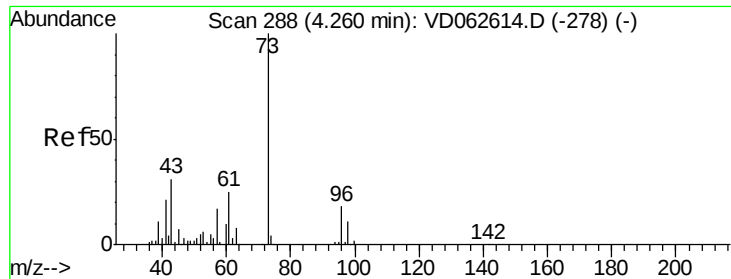
Tot Ion: 76 Resp: 181085
Ion Ratio Lower Upper
76 100
78 8.9 8.1 12.1



#18
Methyl Acetate
Concen: 10.998 ug/l
RT: 3.65 min Scan# 226
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 43 Resp: 36133
Ion Ratio Lower Upper
43 100
74 14.2 15.5 23.3#





#19

Methyl tert-butyl Ether
 Concen: 10.306 ug/l
 RT: 4.24 min Scan# 286
 Delta R.T. -0.02 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

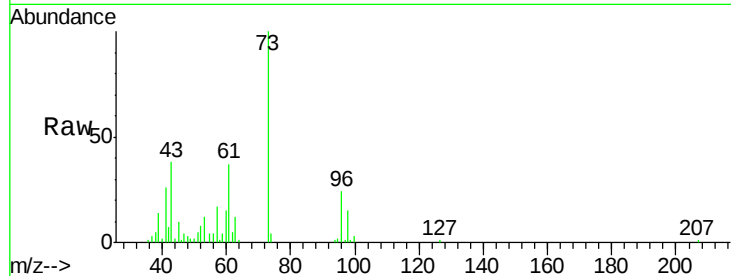
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

Tot Ion: 73 Resp: 163159

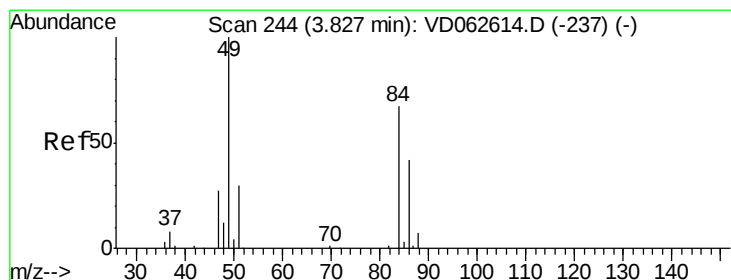
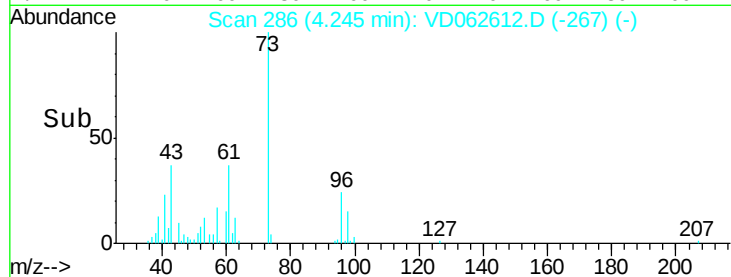
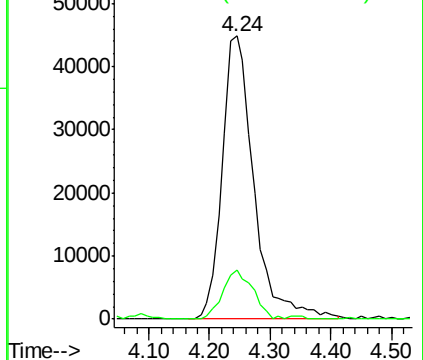
Ion Ratio Lower Upper

73 100

57 17.5 13.5 20.3



Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



#20

Methylene Chloride
 Concen: 11.392 ug/l
 RT: 3.82 min Scan# 243
 Delta R.T. -0.01 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Tgt Ion: 84 Resp: 81924

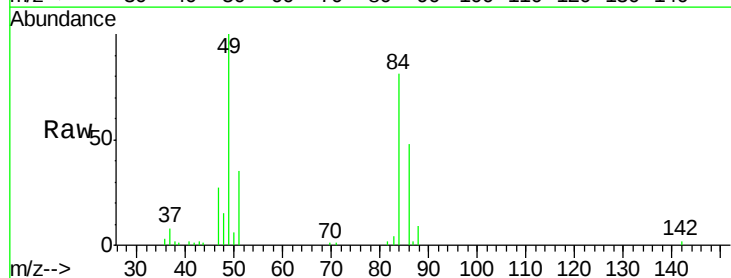
Ion Ratio Lower Upper

84 100

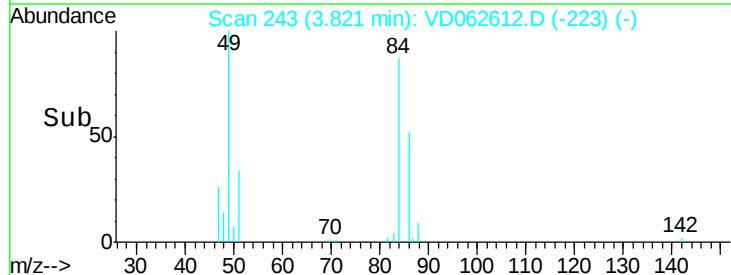
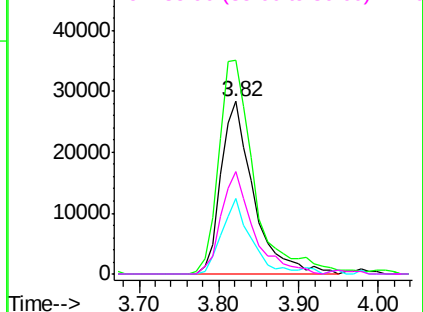
49 123.9 119.0 178.6

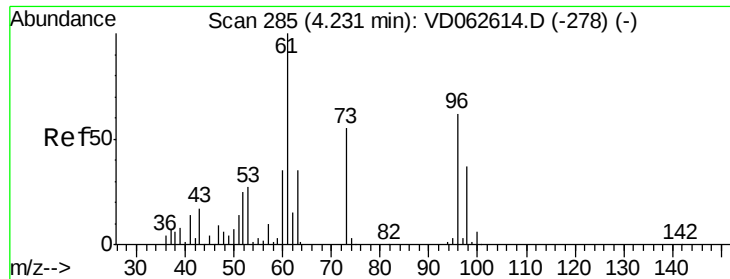
51 43.6 35.4 53.2

86 59.4 50.0 75.0



Abundance Ion 83.95 (83.65 to 84.65): VDC
 Ion 48.90 (48.60 to 49.60): VDC
 Ion 50.90 (50.60 to 51.60): VDC
 Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 10.414 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

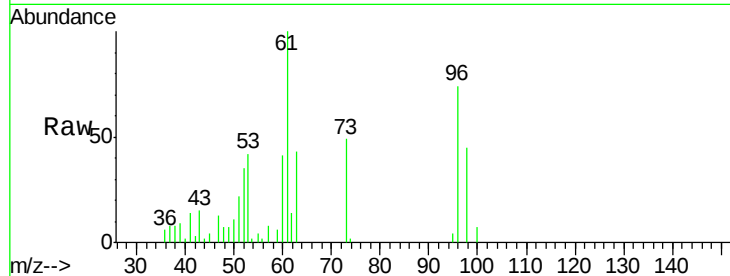
Tot Ion: 96 Resp: 74123

Ion Ratio Lower Upper

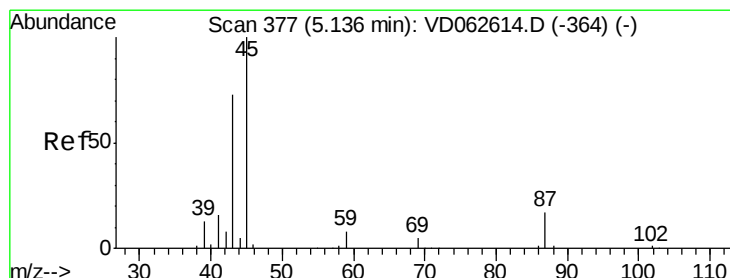
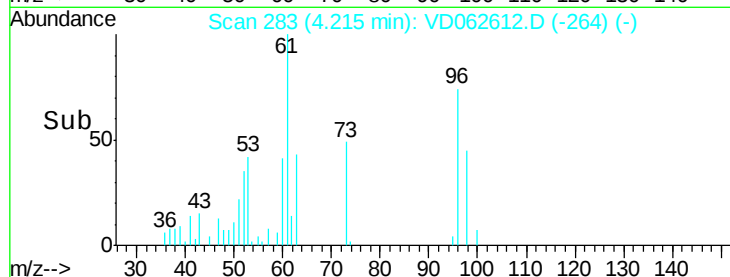
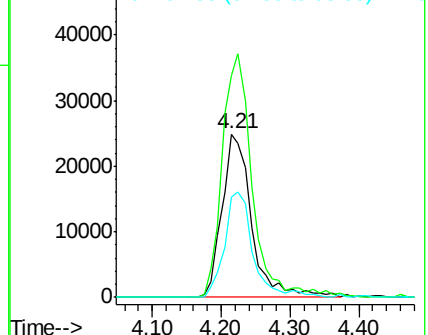
96 100

61 136.0 128.2 192.4

98 61.7 47.5 71.3



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: 10.282 ug/l

RT: 5.13 min Scan# 376

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Tgt Ion: 45 Resp: 216119

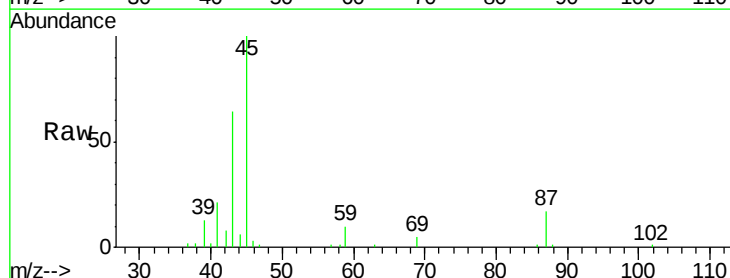
Ion Ratio Lower Upper

45 100

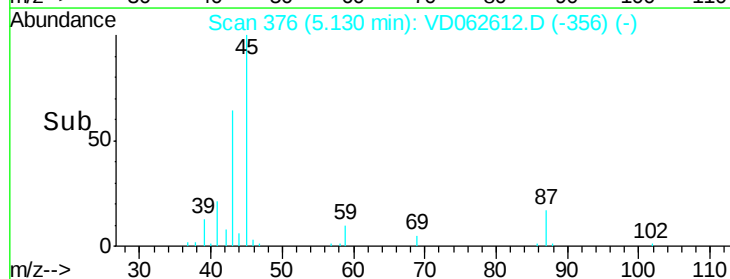
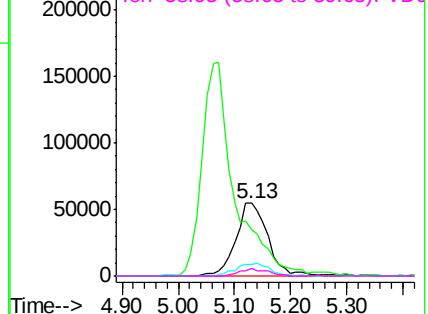
43 64.1 59.3 88.9

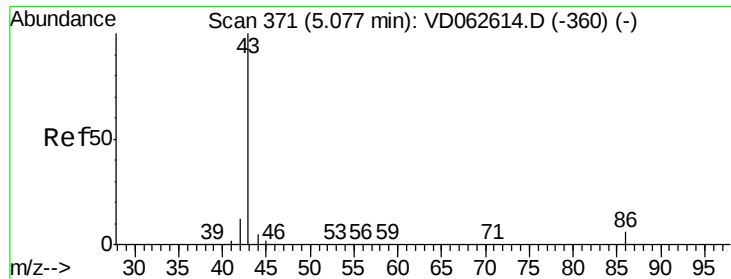
87 16.6 14.6 22.0

59 9.9 6.6 10.0



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: 50.949 ug/l

RT: 5.07 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

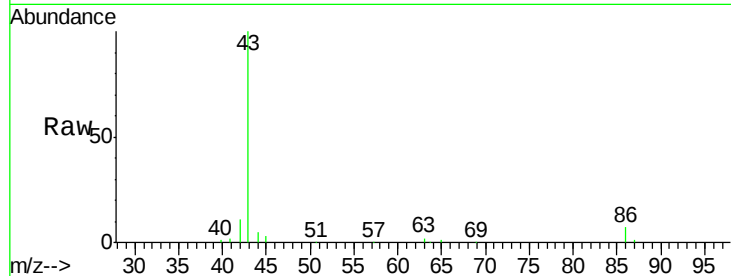
VSTDIC010

Tot Ion: 43 Resp: 651506

Ion Ratio Lower Upper

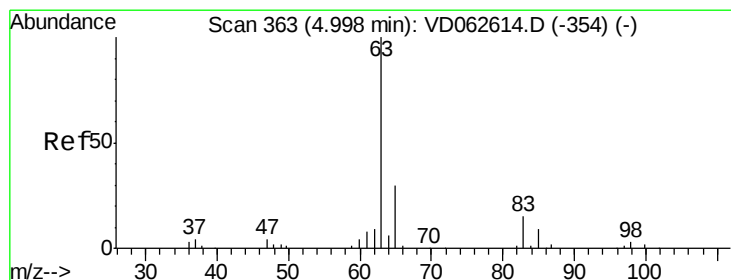
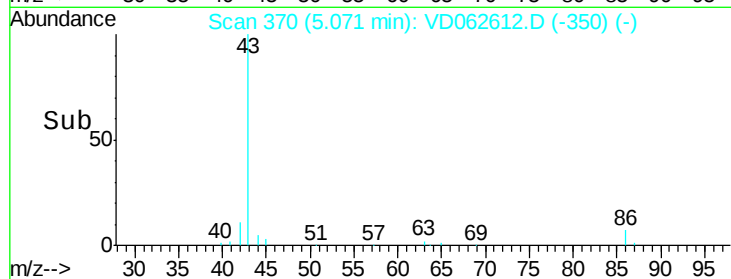
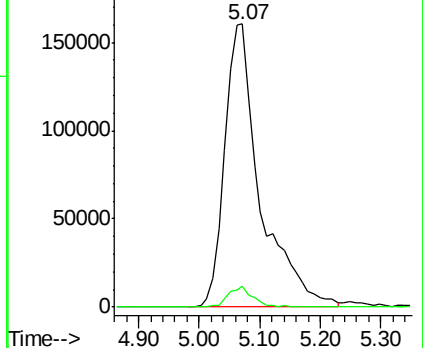
43 100

86 7.3 5.2 7.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 9.838 ug/l

RT: 4.99 min Scan# 362

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

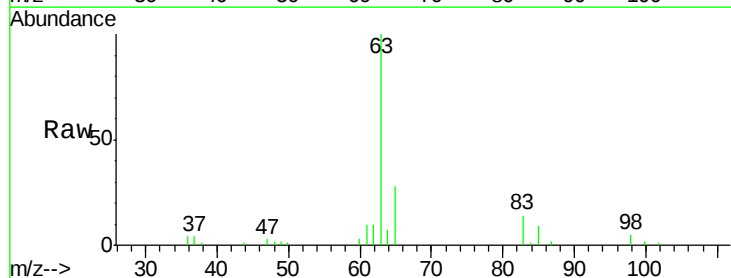
Tgt Ion: 63 Resp: 130290

Ion Ratio Lower Upper

63 100

98 5.4 1.7 5.1#

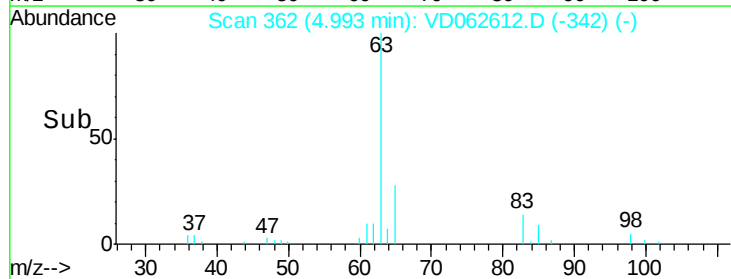
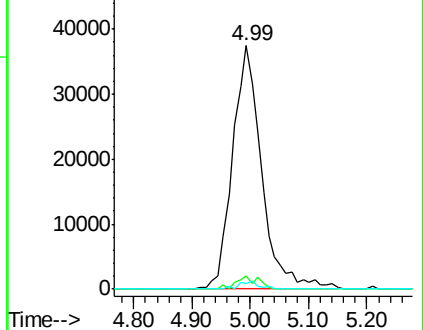
100 2.4 1.1 3.5

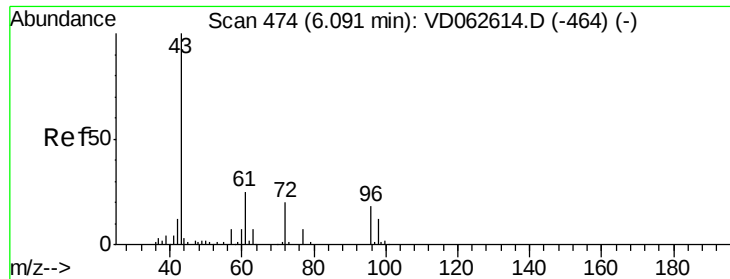


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 52.932 ug/l

RT: 6.08 min Scan# 472

Delta R.T. -0.02 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

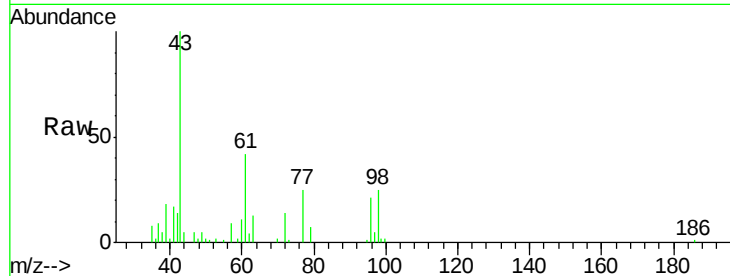
VSTDIC010

Tot Ion: 43 Resp: 92903

Ion Ratio Lower Upper

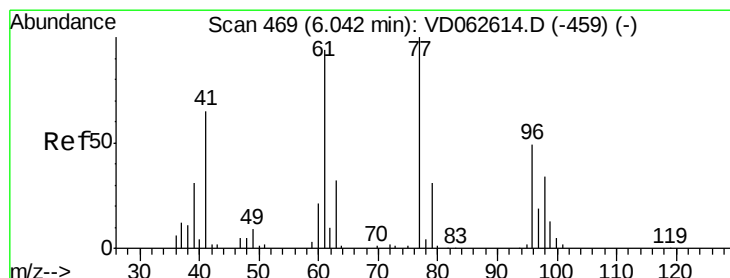
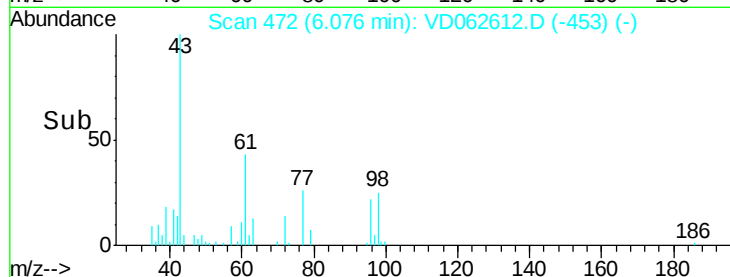
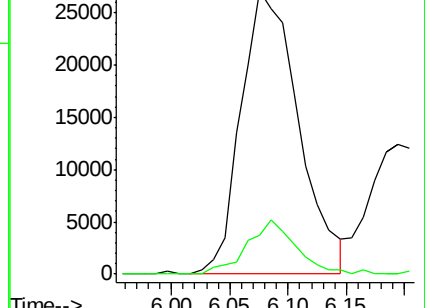
43 100

72 13.6 15.7 23.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 9.842 ug/l

RT: 6.04 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD062612.D

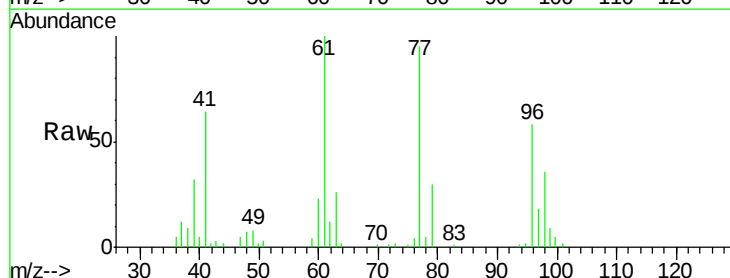
Acq: 5 Jun 2019 14:46

Tgt Ion: 77 Resp: 142424

Ion Ratio Lower Upper

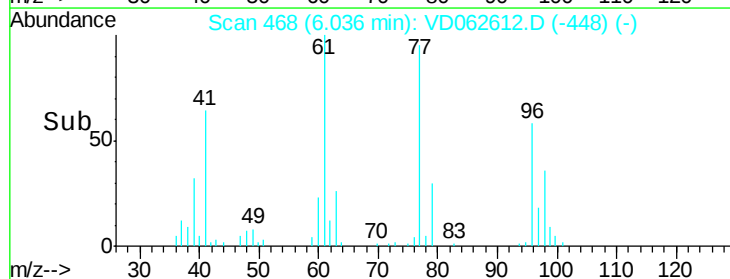
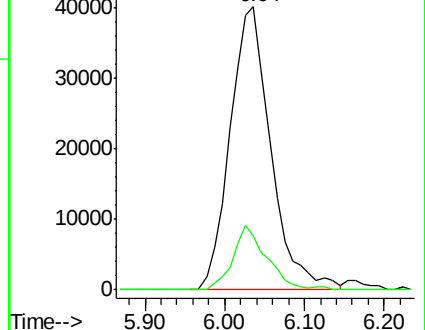
77 100

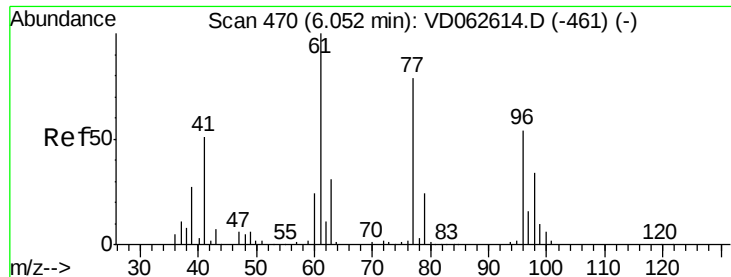
97 19.0 9.6 28.8



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



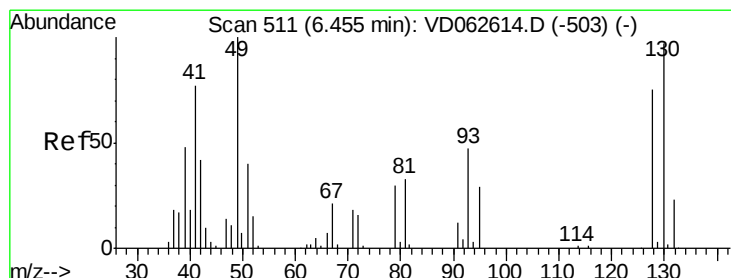
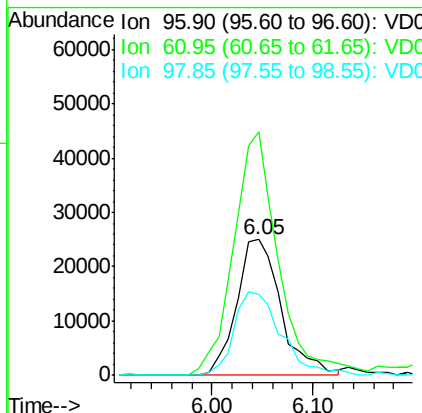
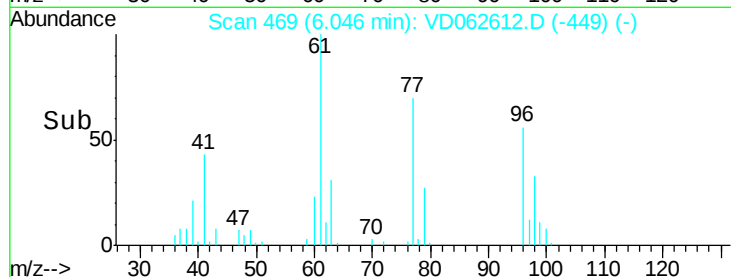
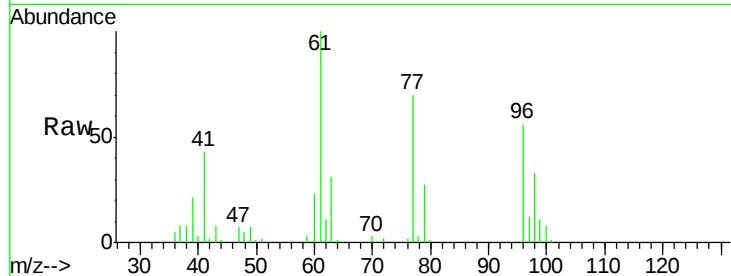


#27

cis-1,2-Dichloroethene
Concen: 10.021 ug/l
RT: 6.05 min Scan# 469
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

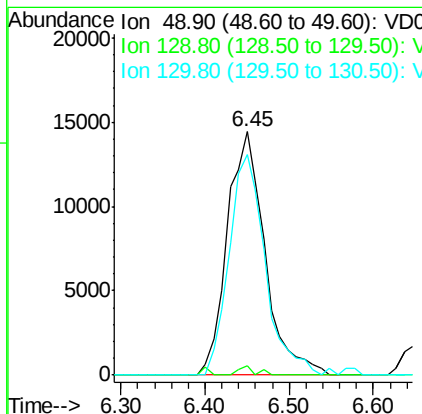
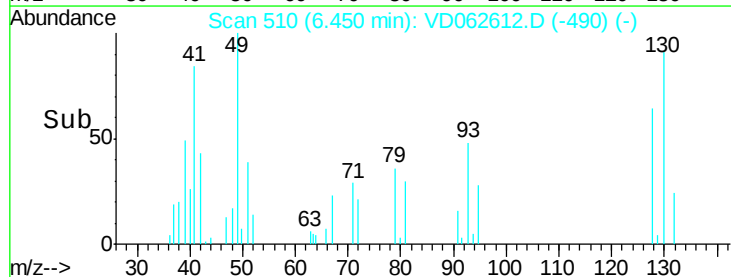
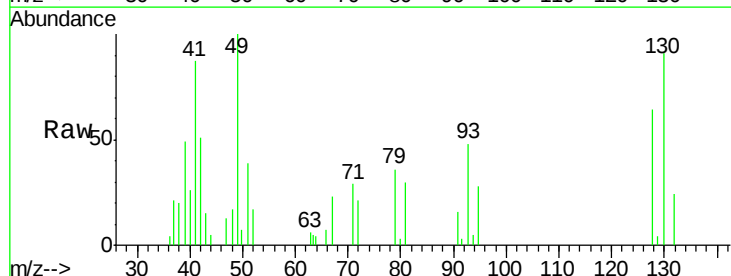
Tot Ion: 96 Resp: 76877
Ion Ratio Lower Upper
96 100
61 179.7 0.0 372.0
98 59.7 0.0 126.4

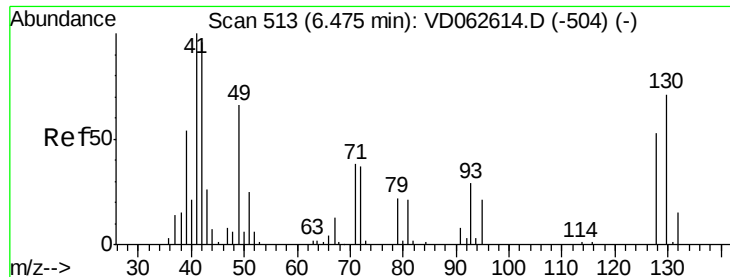


#28

Bromochloromethane
Concen: 8.932 ug/l
RT: 6.45 min Scan# 510
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 49 Resp: 44754
Ion Ratio Lower Upper
49 100
129 4.1 0.0 6.4
130 90.6 77.6 116.4





#29

Tetrahydrofuran

Concen: 50.975 ug/l

RT: 6.47 min Scan# 512

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

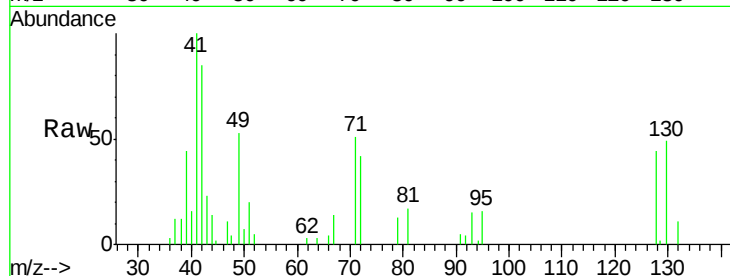
Tot Ion: 42 Resp: 41532

Ion Ratio Lower Upper

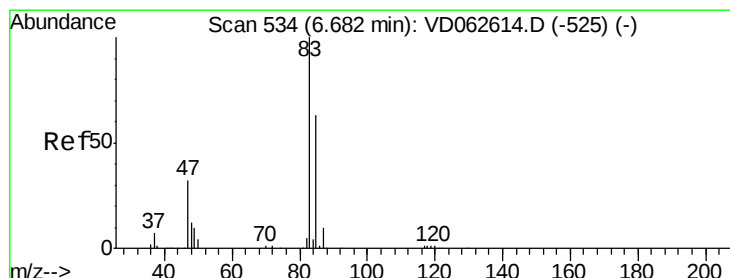
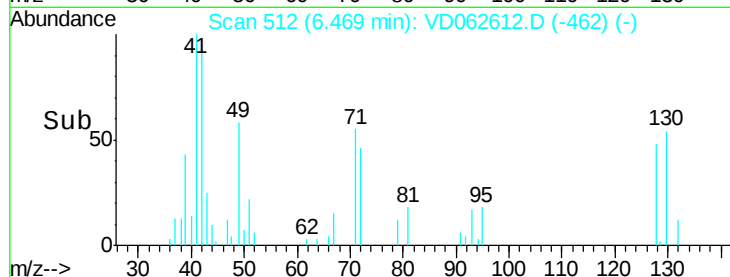
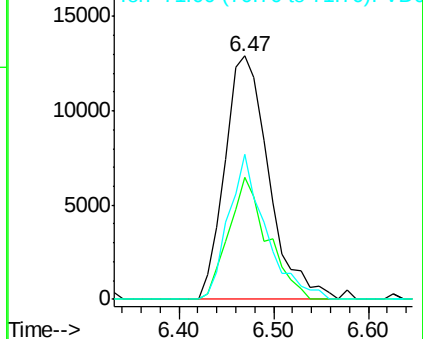
42 100

72 44.5 32.5 48.7

71 50.7 35.0 52.4



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: 10.480 ug/l

RT: 6.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: VD062612.D

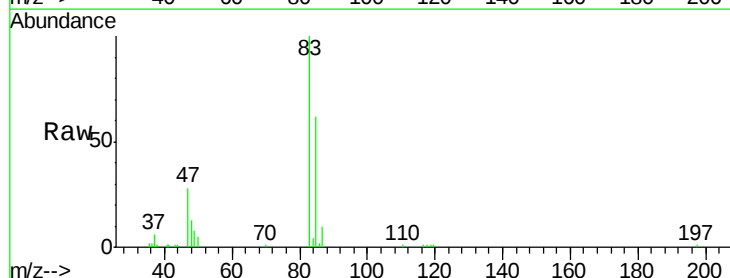
Acq: 5 Jun 2019 14:46

Tgt Ion: 83 Resp: 172619

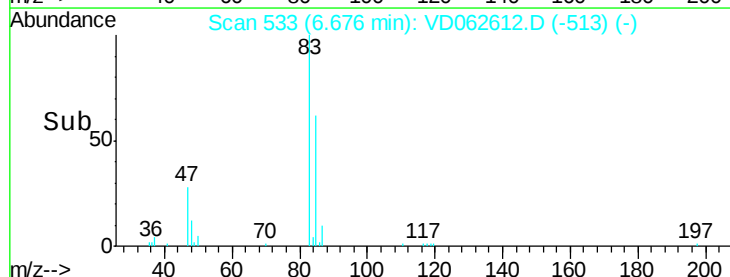
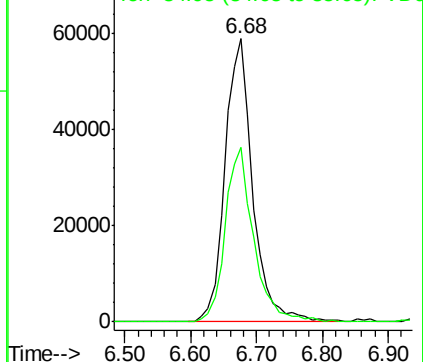
Ion Ratio Lower Upper

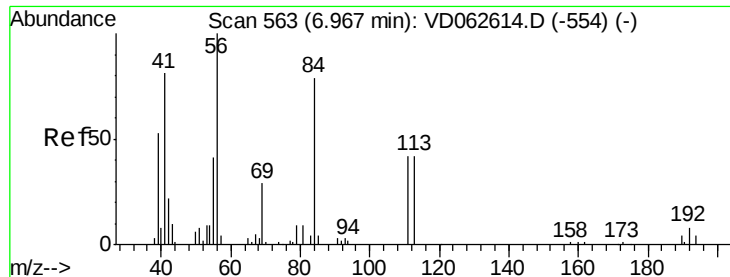
83 100

85 61.7 50.4 75.6



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

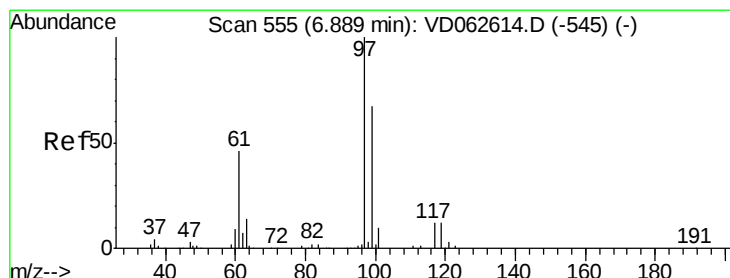
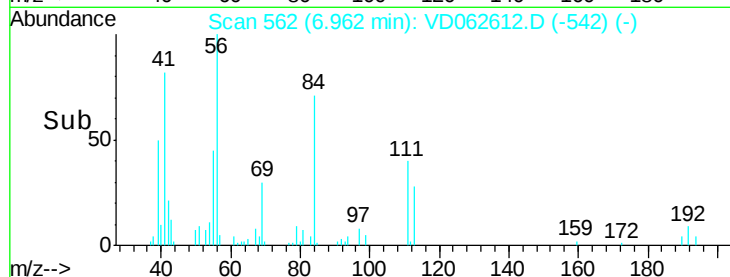
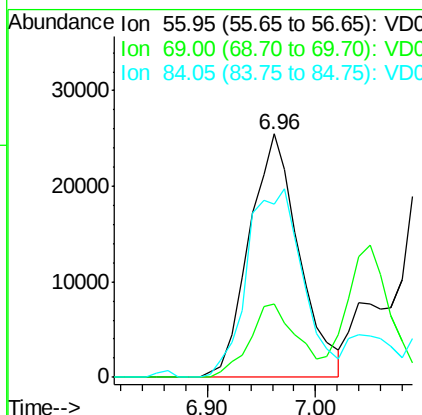
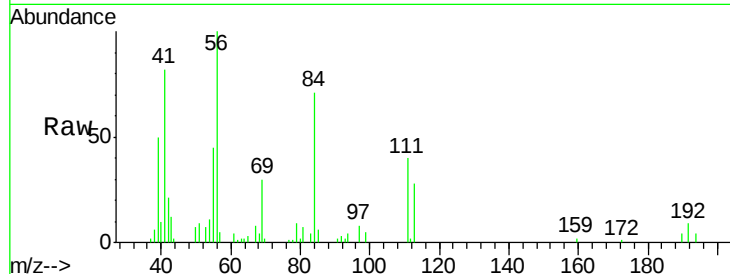




#31
Cyclohexane
Concen: 9.677 ug/l
RT: 6.96 min Scan# 562
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

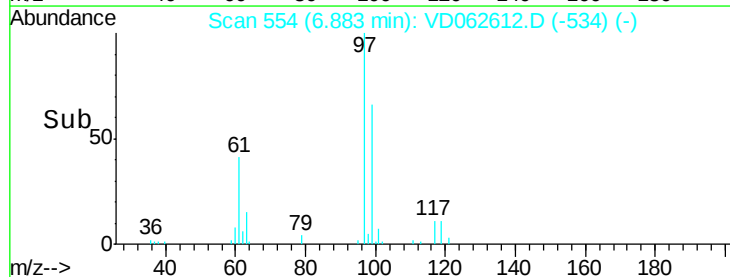
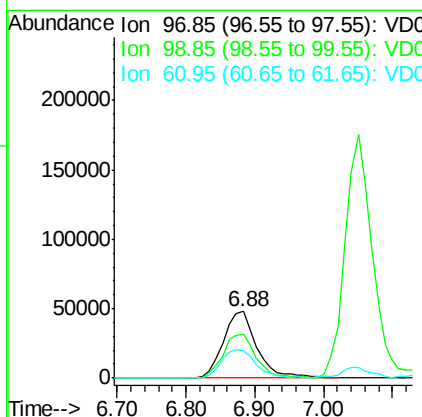
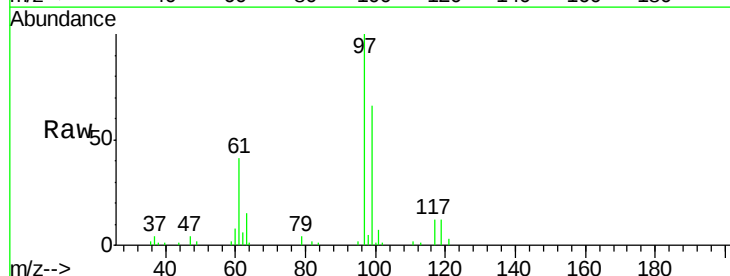
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

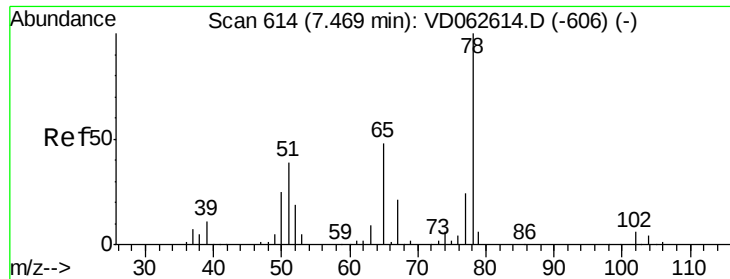
Tot Ion: 56 Resp: 81926
Ion Ratio Lower Upper
56 100
69 29.9 23.0 34.4
84 71.3 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 9.629 ug/l
RT: 6.88 min Scan# 554
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 97 Resp: 160566
Ion Ratio Lower Upper
97 100
99 66.2 53.4 80.0
61 41.4 36.7 55.1

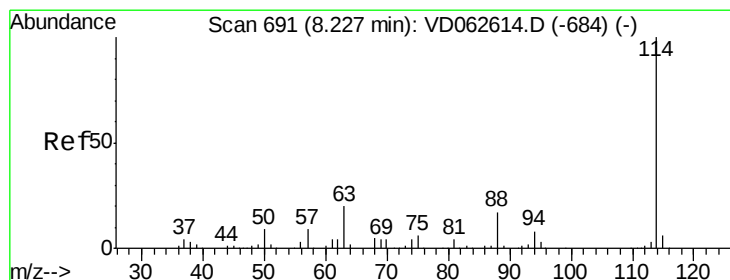
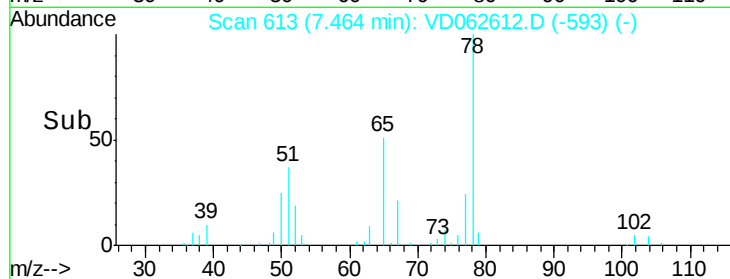
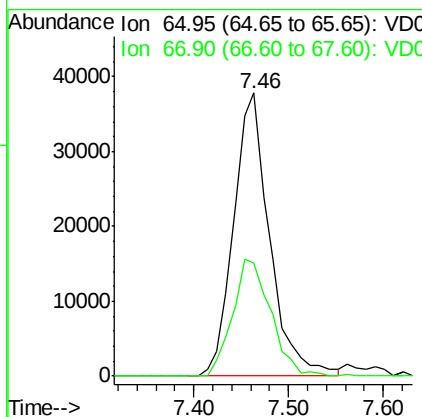
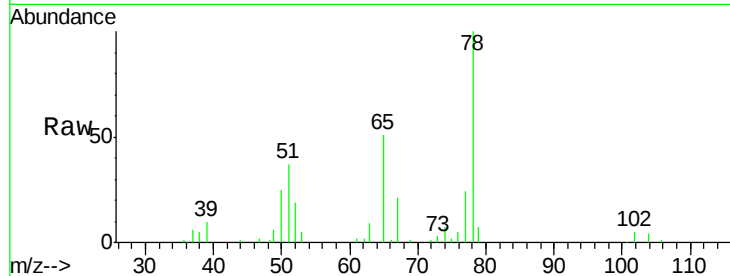




#33
 1,2-Dichloroethane-d4
 Concen: 9.668 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

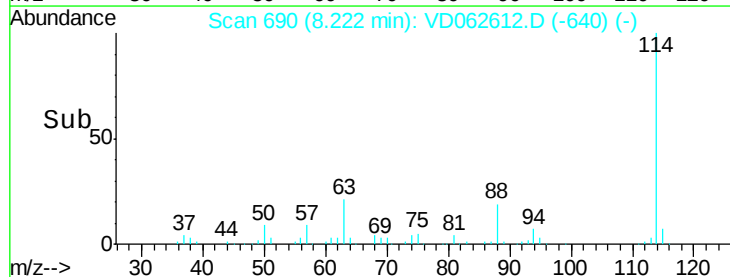
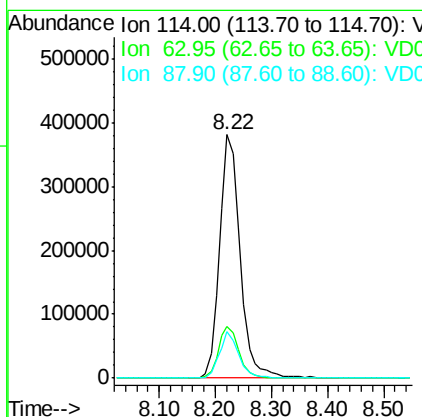
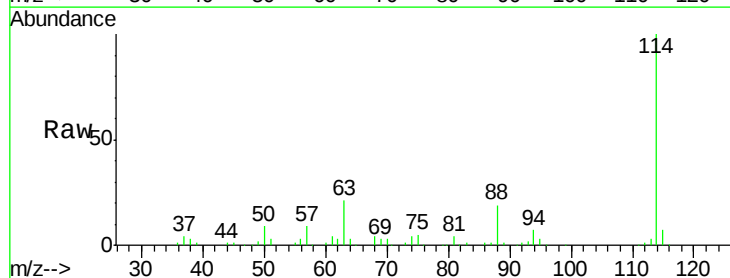
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

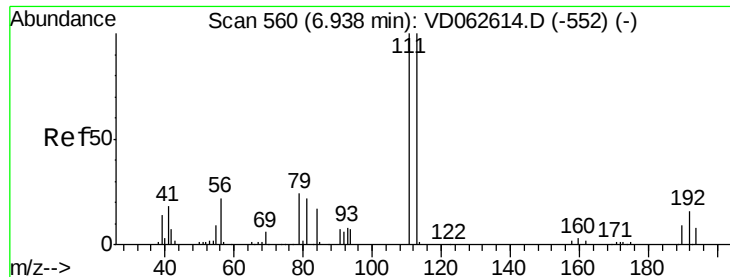
Tot Ion: 65 Resp: 99396
 Ion Ratio Lower Upper
 65 100
 67 39.9 0.0 86.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Tgt Ion: 114 Resp: 973075
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.0
 88 18.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 9.331 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

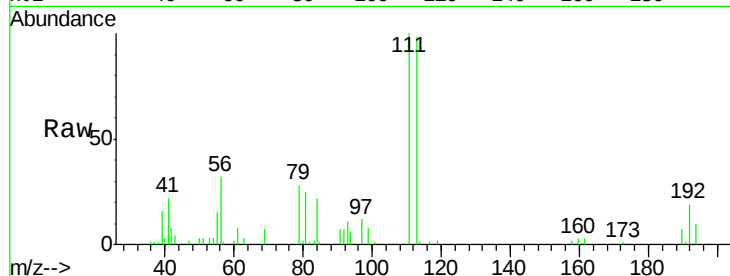
Tot Ion:113 Resp: 92284

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.1	120.1
192	19.3	13.0	19.6

113 100

111 102.3 80.1 120.1

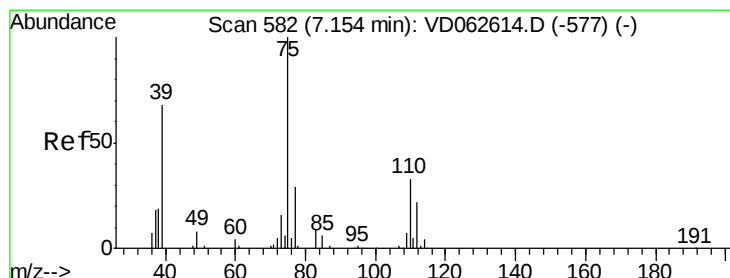
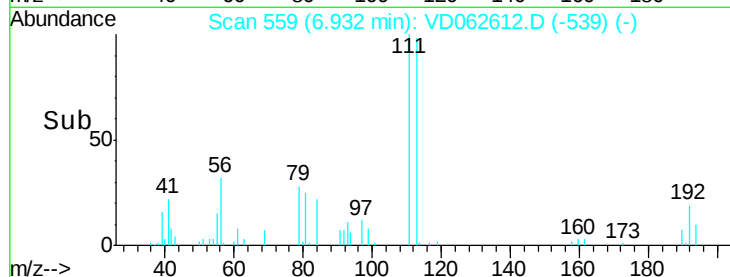
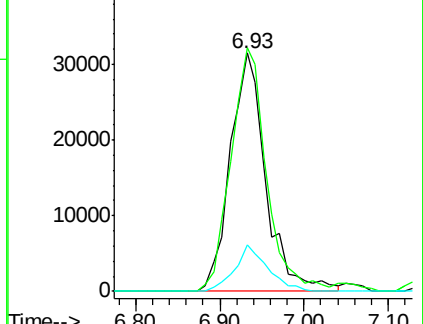
192 19.3 13.0 19.6



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: 10.385 ug/l

RT: 7.15 min Scan# 581

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

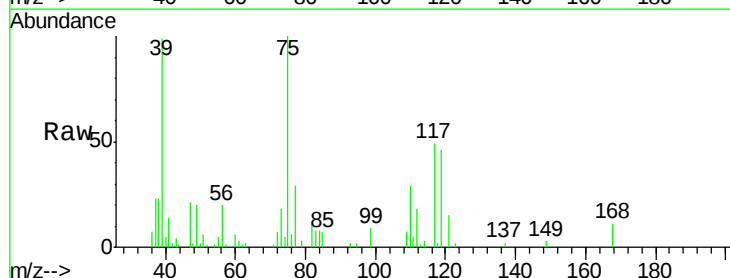
Tgt Ion: 75 Resp: 108644

Ion	Ratio	Lower	Upper
75	100		
110	28.9	16.5	49.5
77	28.7	23.3	34.9

75 100

110 28.9 16.5 49.5

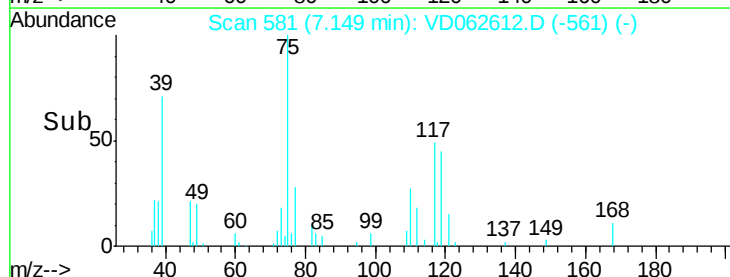
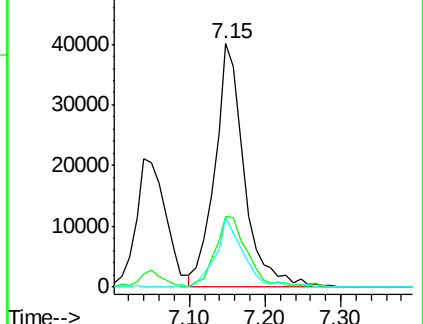
77 28.7 23.3 34.9

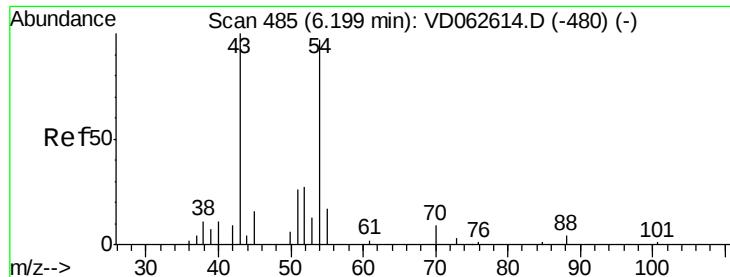


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

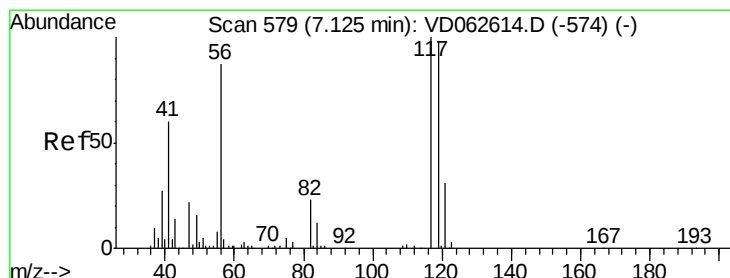
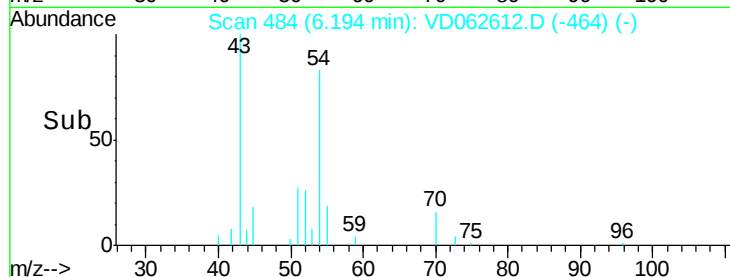
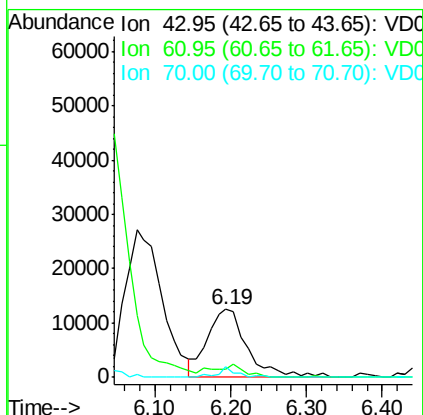
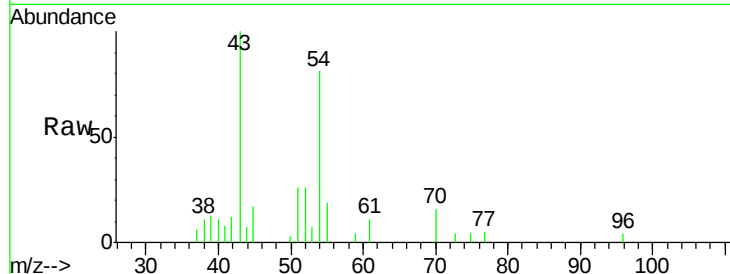




#37
Ethyl Acetate
Concen: 10.947 ug/l
RT: 6.19 min Scan# 484
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

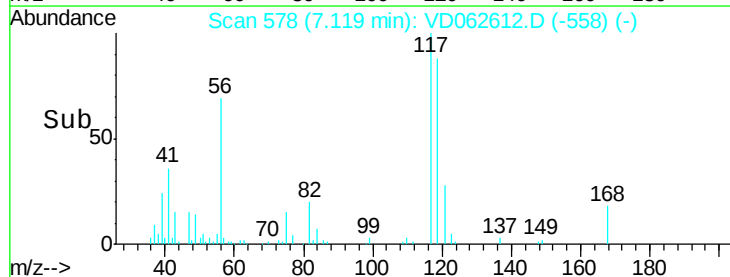
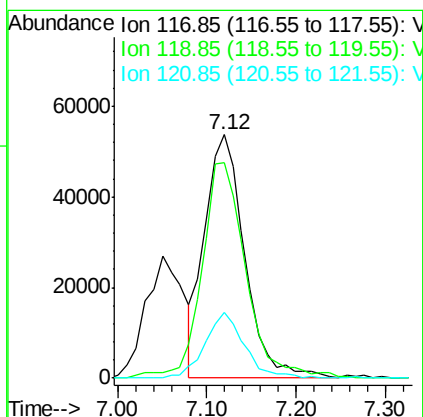
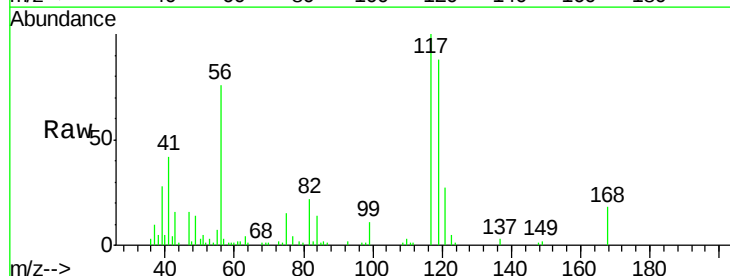
Instrument :
MSVOA_D
ClientSampleID :
VSTDIC010

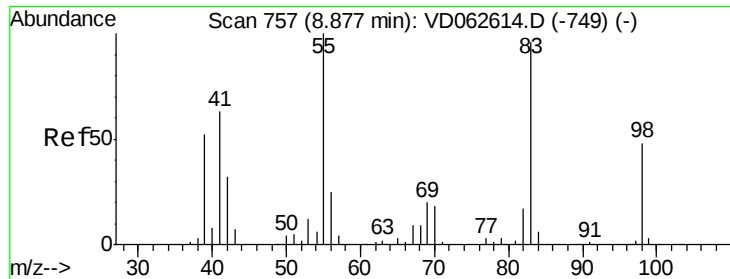
Tot Ion: 43 Resp: 46218
Ion Ratio Lower Upper
43 100
61 11.1 8.8 13.2
70 15.9 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 10.590 ug/l
RT: 7.12 min Scan# 578
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 117 Resp: 167941
Ion Ratio Lower Upper
117 100
119 88.3 74.1 111.1
121 27.0 23.5 35.3

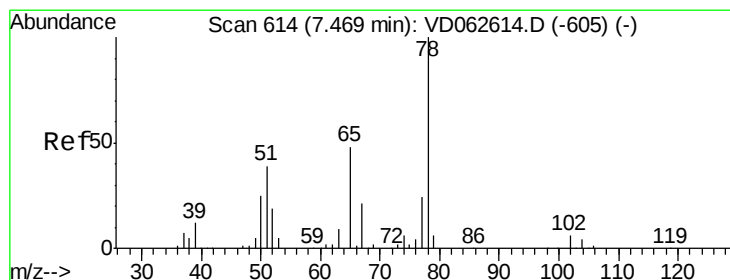
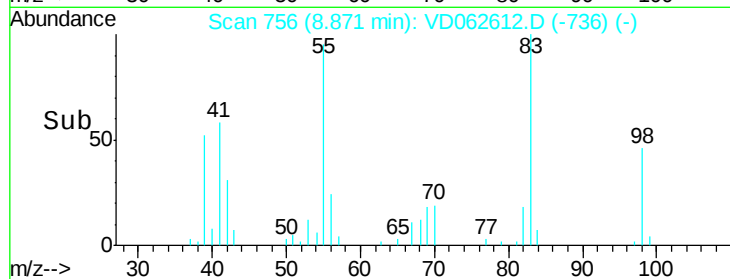
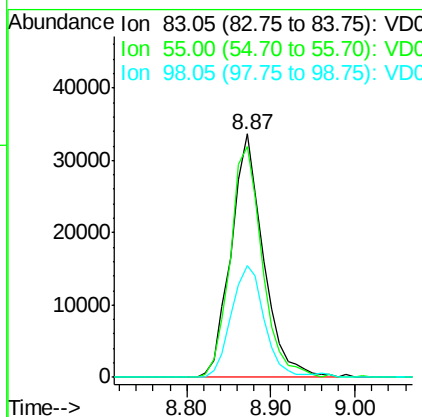
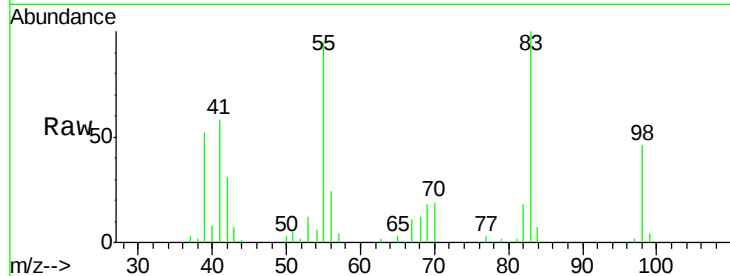




#39
Methvlcvclohexane
Concen: 10.063 ug/l
RT: 8.87 min Scan# 756
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

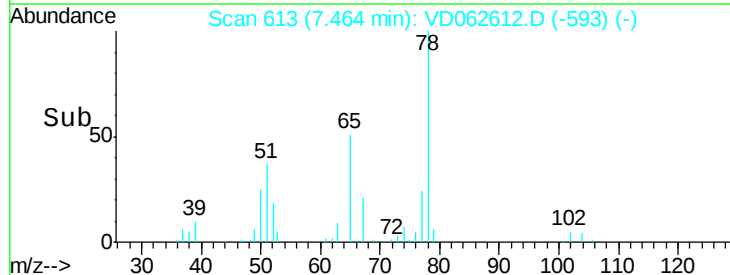
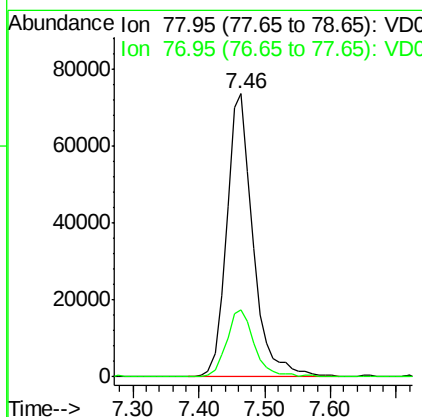
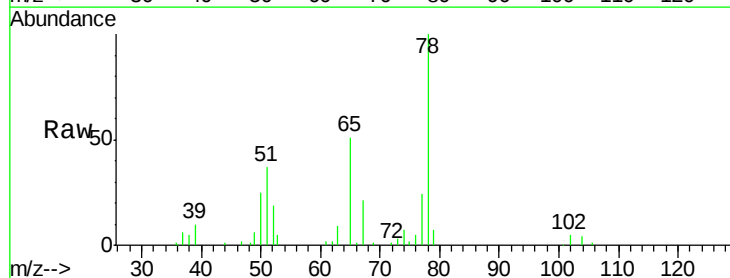
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

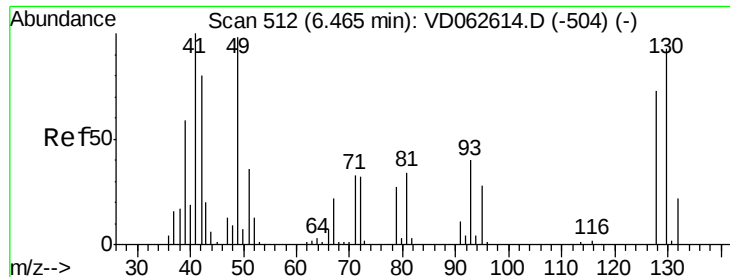
Tot Ion: 83 Resp: 90015
Ion Ratio Lower Upper
83 100
55 94.6 83.2 124.8
98 46.1 39.8 59.8



#40
Benzene
Concen: 9.964 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 78 Resp: 205887
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3





#41

Methacrylonitrile

Concen: 10.595 ug/l

RT: 6.47 min Scan# 512

Delta R.T. 0.00 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 57925

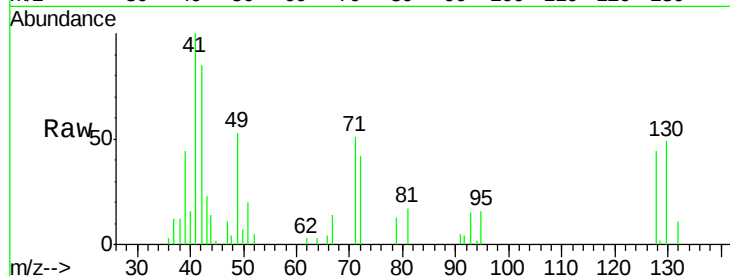
Ion Ratio Lower Upper

41 100

39 44.2 47.5 71.3#

67 13.9 17.8 26.6#

52 5.2 10.2 15.4#

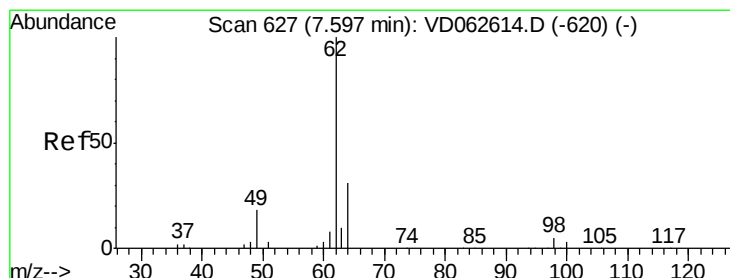
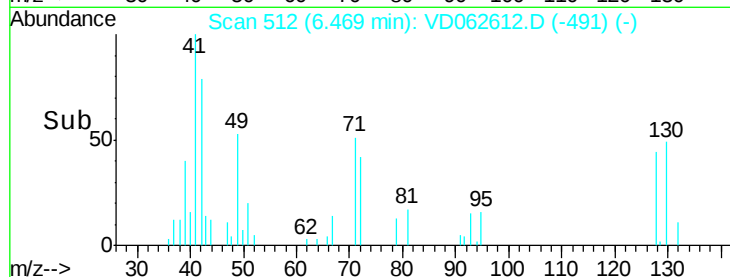
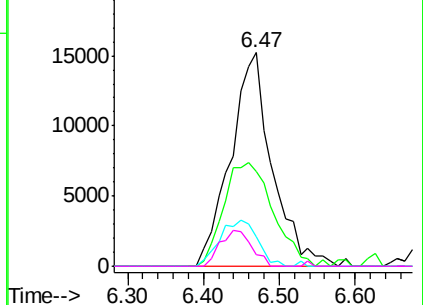


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 10.889 ug/l

RT: 7.58 min Scan# 625

Delta R.T. -0.02 min

Lab File: VD062612.D

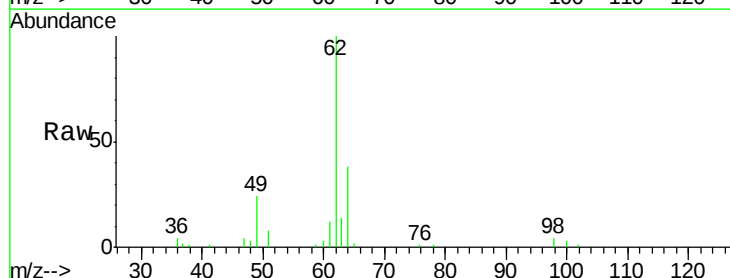
Acq: 5 Jun 2019 14:46

Tgt Ion: 62 Resp: 132436

Ion Ratio Lower Upper

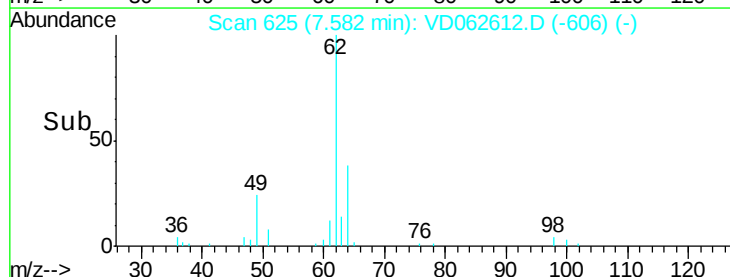
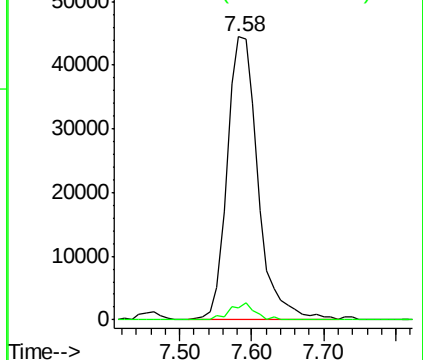
62 100

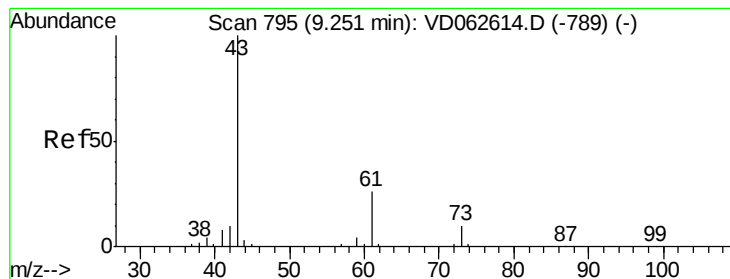
98 4.2 0.0 10.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 9.990 ug/l

RT: 9.25 min Scan# 794

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

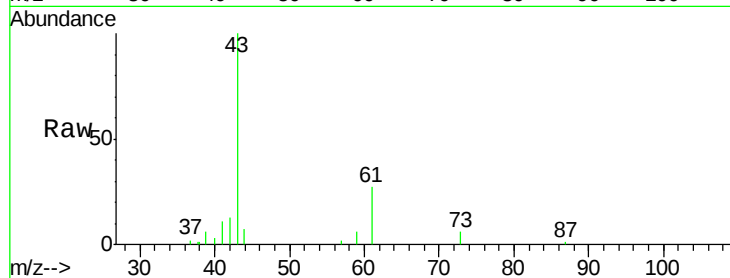
Tot Ion: 43 Resp: 57969

Ion Ratio Lower Upper

43 100

61 26.5 21.0 31.6

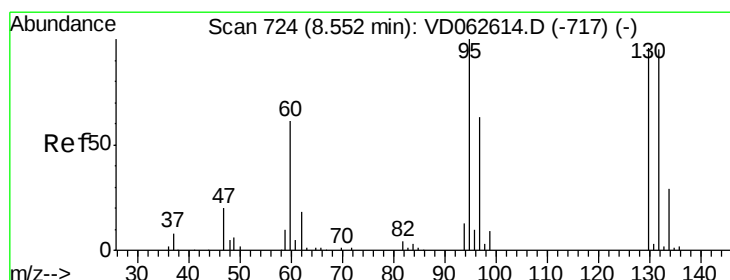
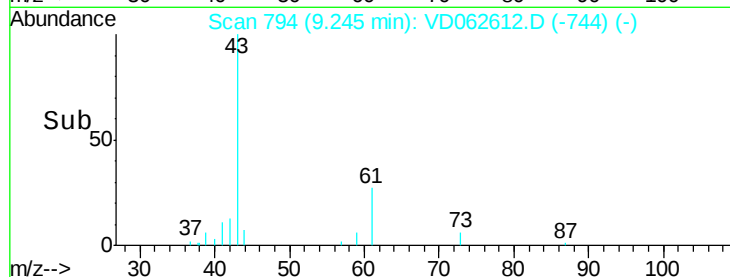
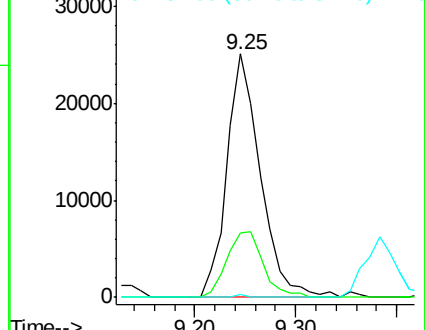
87 1.3 0.2 0.4#



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: 10.382 ug/l

RT: 8.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD062612.D

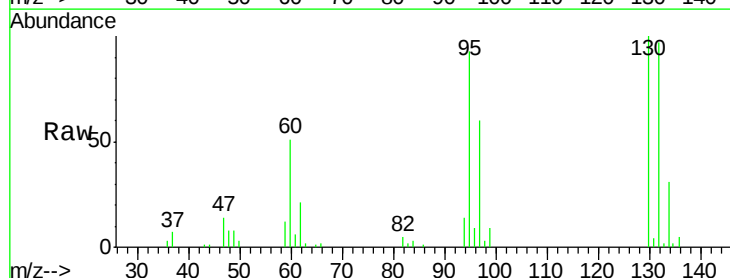
Acq: 5 Jun 2019 14:46

Tgt Ion: 130 Resp: 86997

Ion Ratio Lower Upper

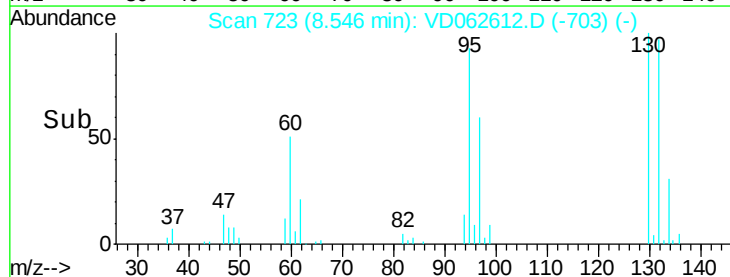
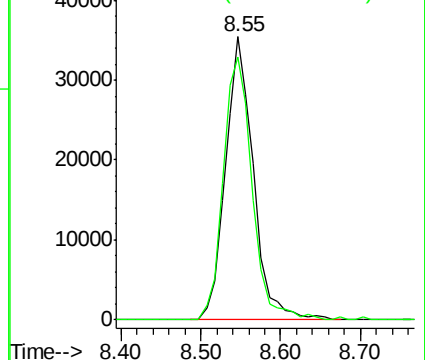
130 100

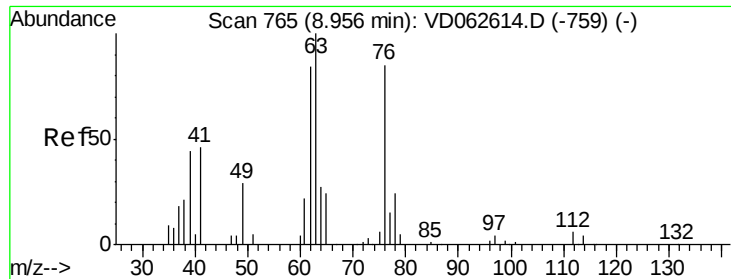
95 93.1 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 9.992 ug/l

RT: 8.95 min Scan# 764

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

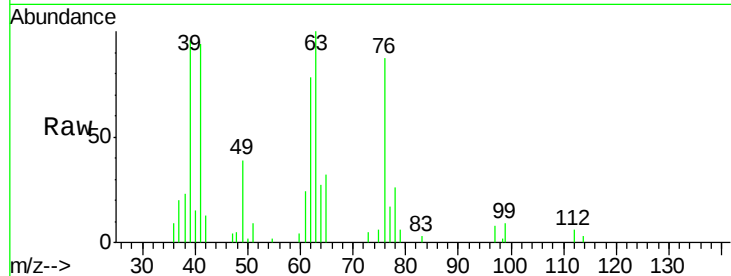
VSTDIC010

Tot Ion: 63 Resp: 51703

Ion Ratio Lower Upper

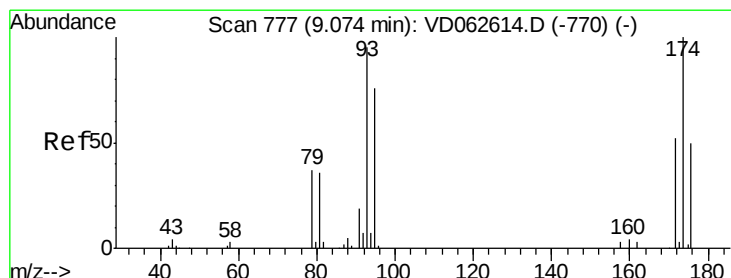
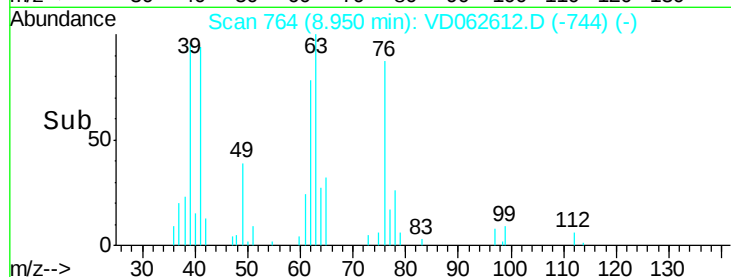
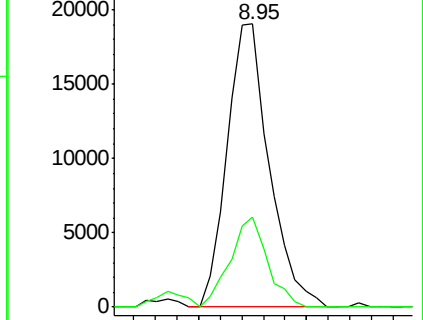
63 100

65 31.9 21.7 32.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 10.403 ug/l

RT: 9.07 min Scan# 776

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

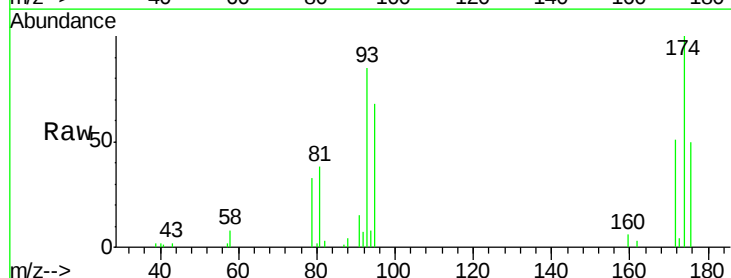
Tgt Ion: 93 Resp: 46827

Ion Ratio Lower Upper

93 100

95 79.5 64.2 96.2

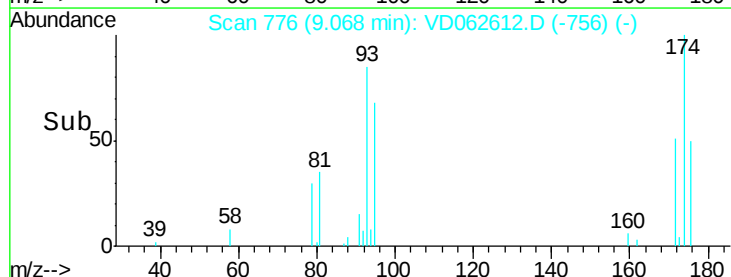
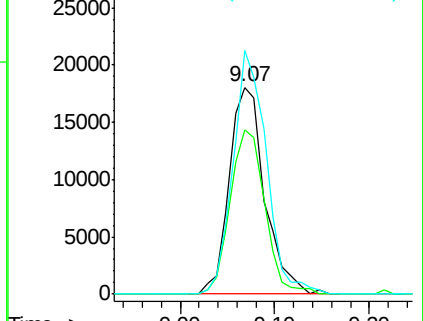
174 117.6 84.1 126.1

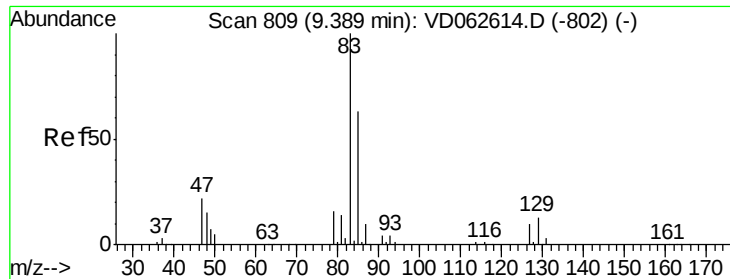


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 9.885 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.02 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

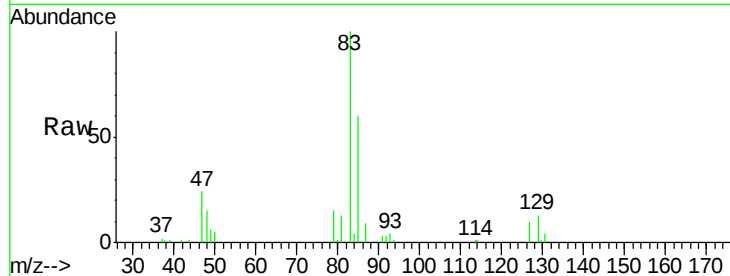
Tot Ion: 83 Resp: 119849

Ion Ratio Lower Upper

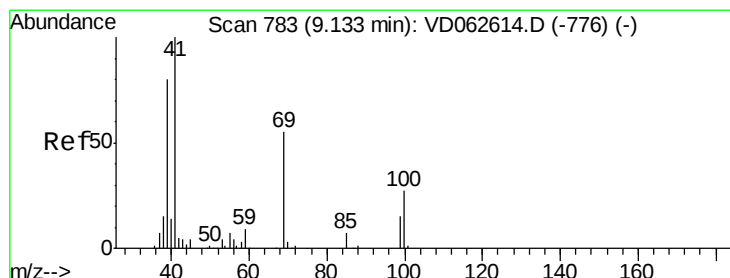
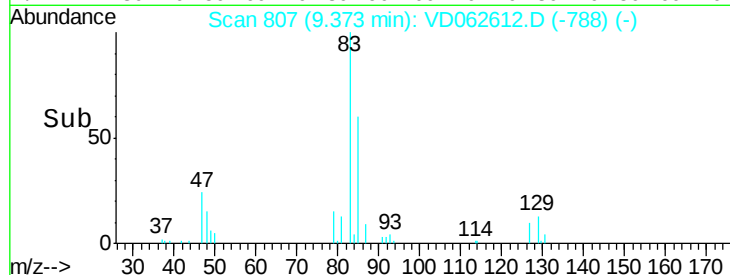
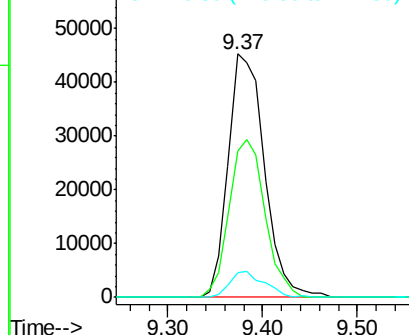
83 100

85 59.9 50.2 75.4

127 10.2 7.9 11.9



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: 10.528 ug/l

RT: 9.13 min Scan# 782

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

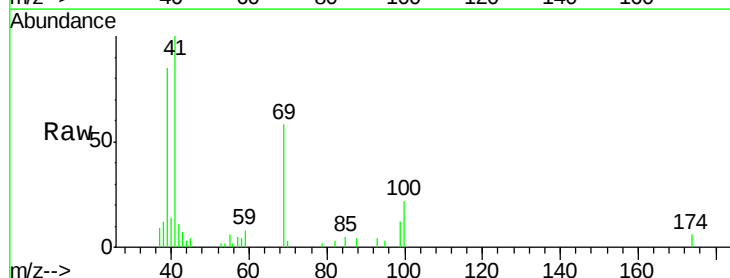
Tgt Ion: 41 Resp: 41547

Ion Ratio Lower Upper

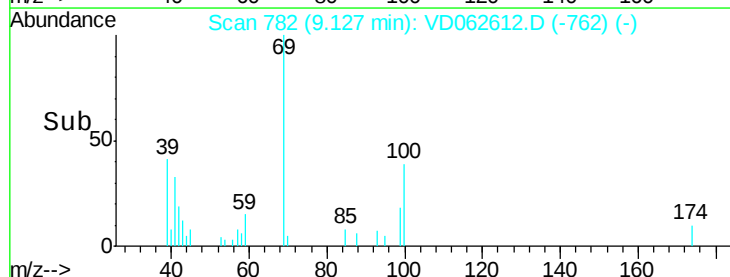
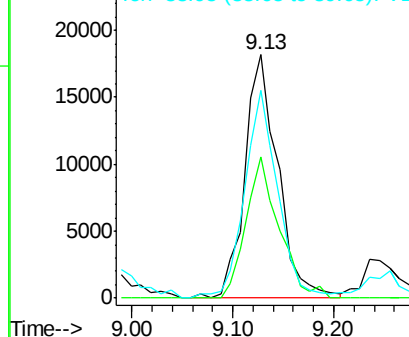
41 100

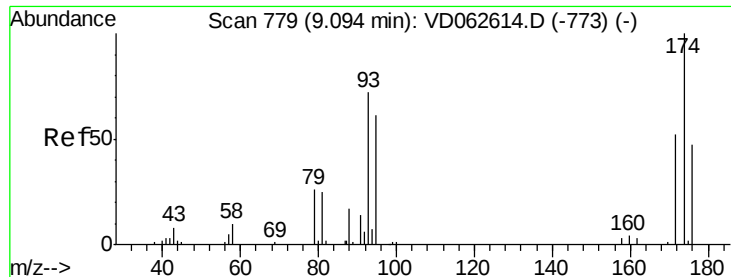
69 58.2 43.8 65.8

39 85.3 64.0 96.0



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

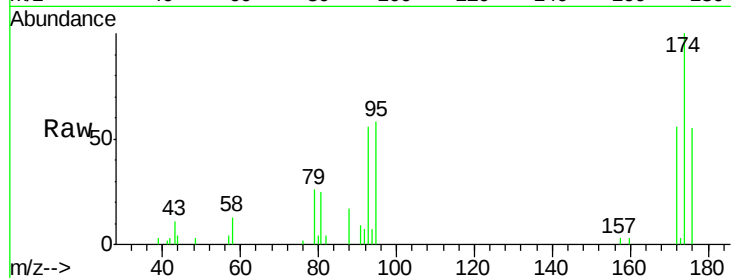




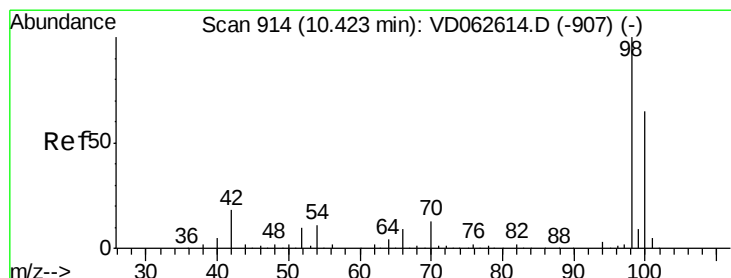
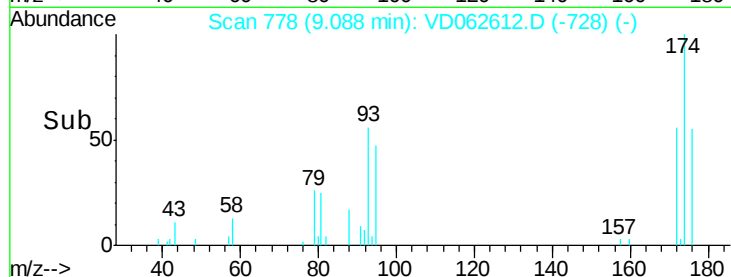
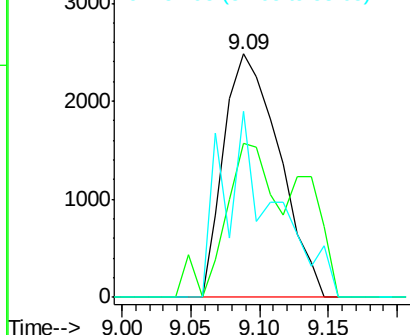
#49
1,4-Dioxane
Concen: 221.874 ug/l
RT: 9.09 min Scan# 778
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 88 Resp: 6949
Ion Ratio Lower Upper
88 100
43 63.5 39.3 58.9#
58 76.2 45.3 67.9#

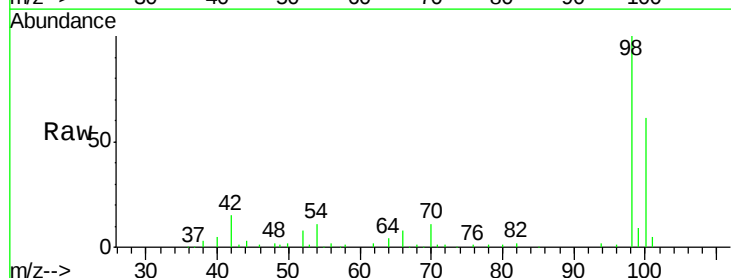


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

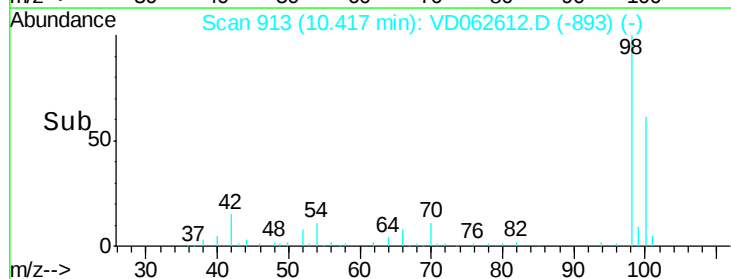
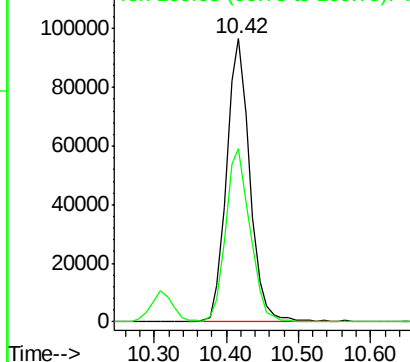


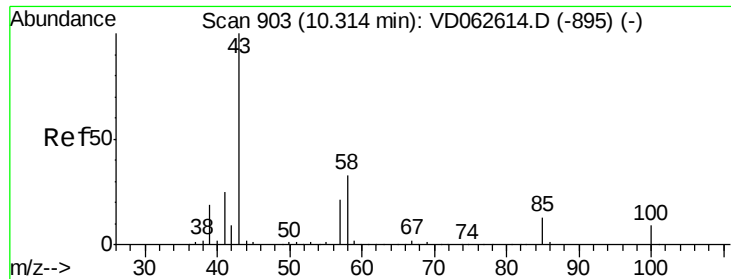
#50
Toluene-d8
Concen: 10.134 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 98 Resp: 215918
Ion Ratio Lower Upper
98 100
100 61.1 52.8 79.2



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: 53.642 ug/l

RT: 10.31 min Scan# 902

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

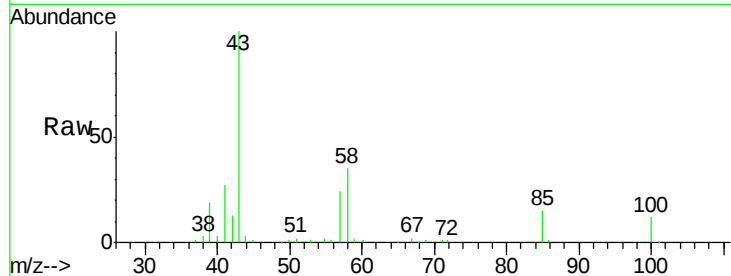
VSTDIC010

Tot Ion: 43 Resp: 202684

Ion Ratio Lower Upper

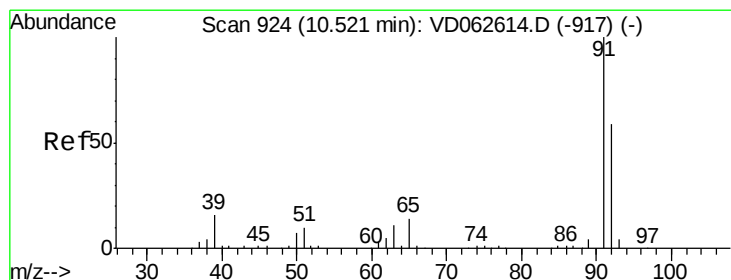
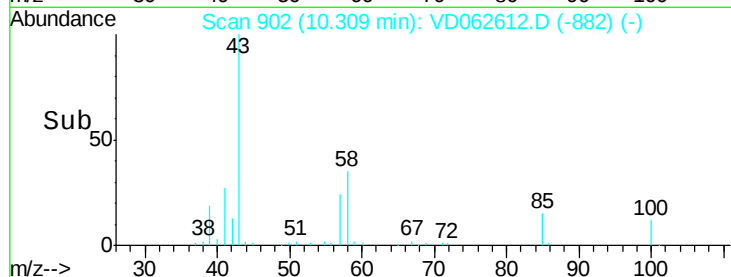
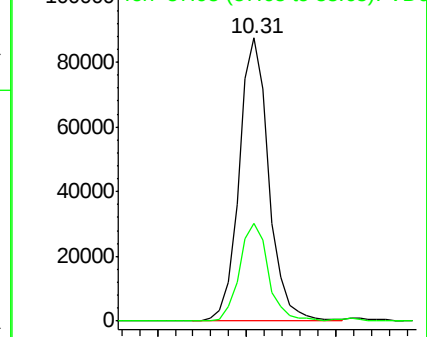
43 100

58 34.7 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: 10.303 ug/l

RT: 10.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: VD062612.D

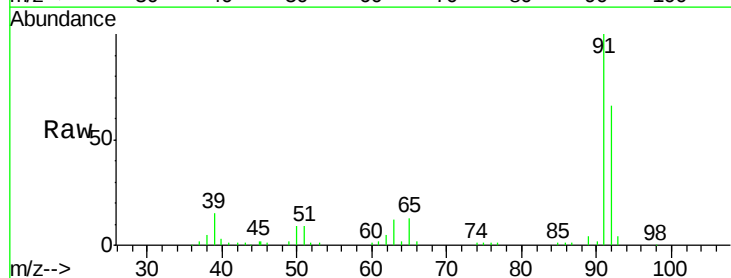
Acq: 5 Jun 2019 14:46

Tgt Ion: 92 Resp: 141203

Ion Ratio Lower Upper

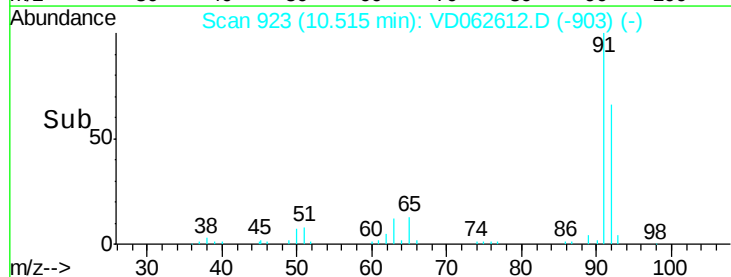
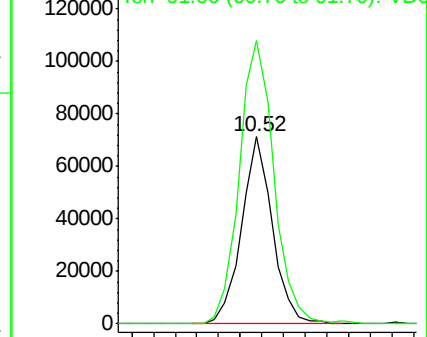
92 100

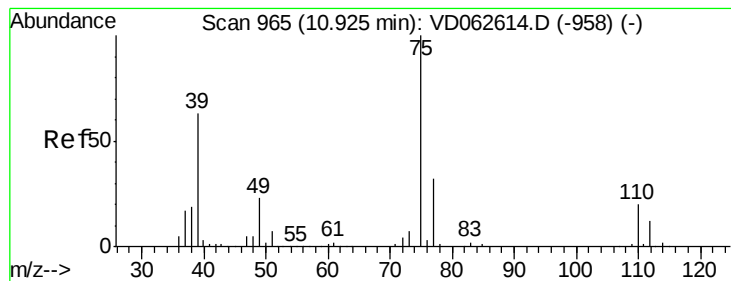
91 151.5 134.7 202.1



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: 10.107 ug/l

RT: 10.92 min Scan# 964

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

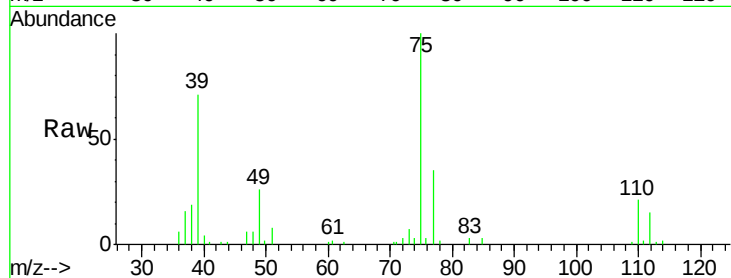
VSTDIC010

Tot Ion: 75 Resp: 101747

Ion Ratio Lower Upper

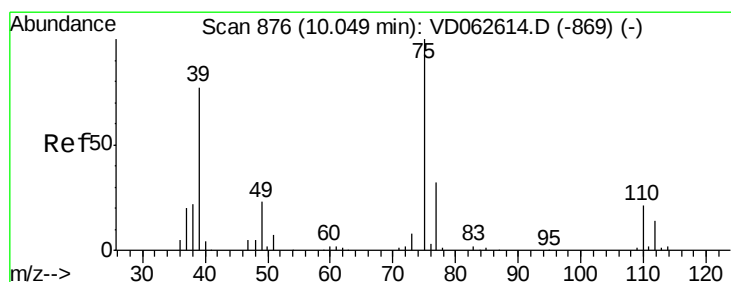
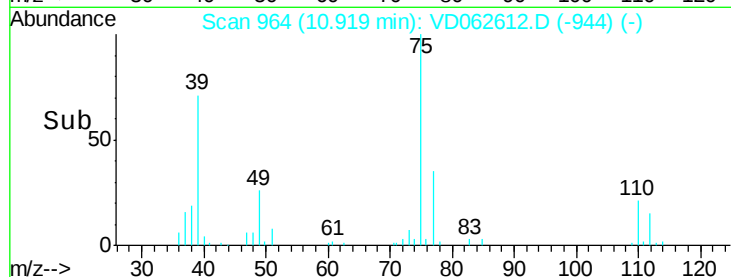
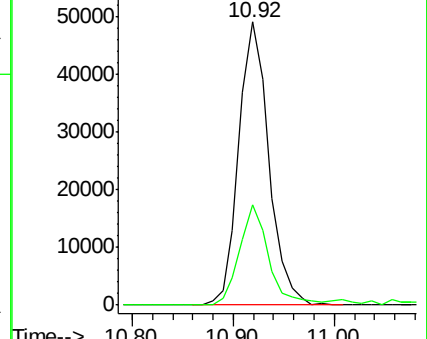
75 100

77 35.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 9.560 ug/l

RT: 10.04 min Scan# 875

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

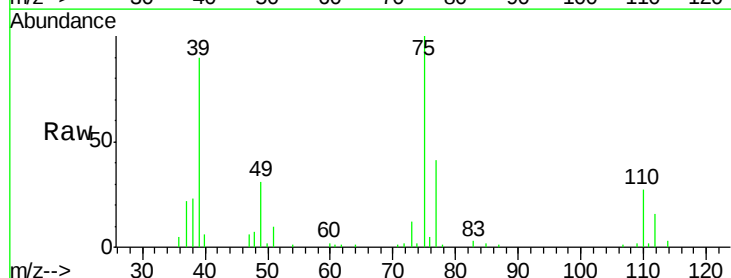
Tgt Ion: 75 Resp: 98005

Ion Ratio Lower Upper

75 100

77 41.2 25.6 38.4#

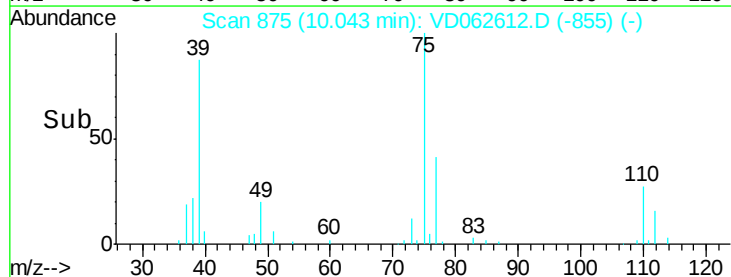
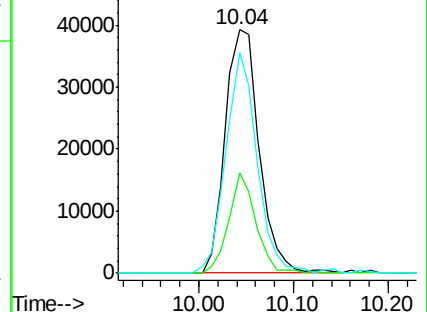
39 90.4 61.2 91.8

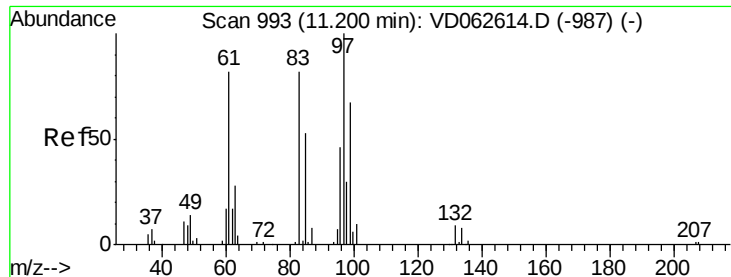


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

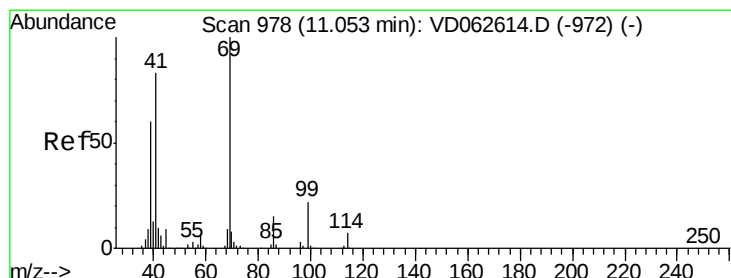
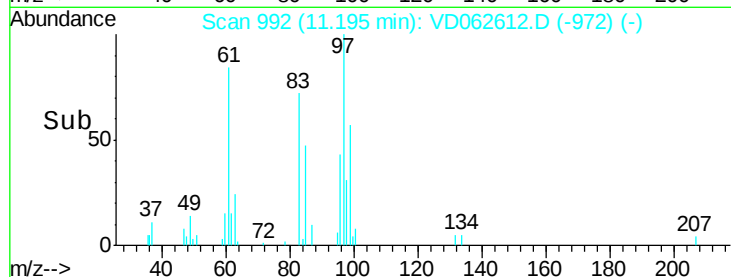
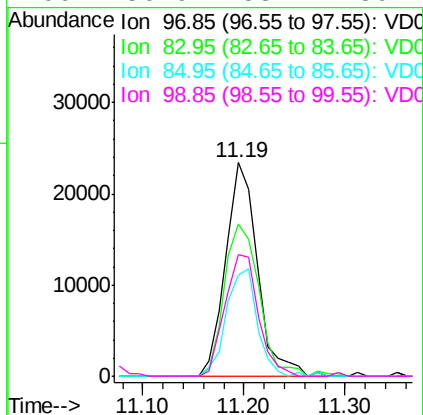
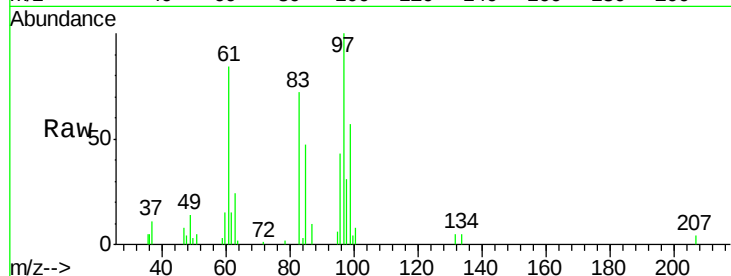




#55
1,1,2-Trichloroethane
Concen: 10.932 ug/l
RT: 11.19 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

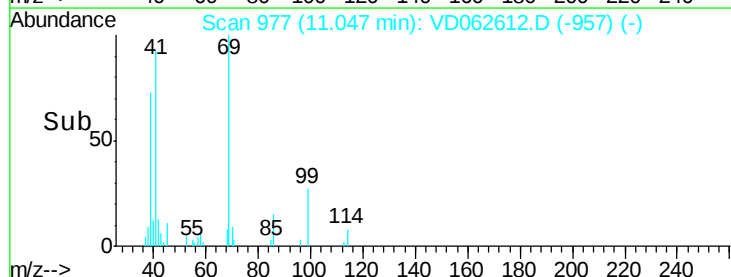
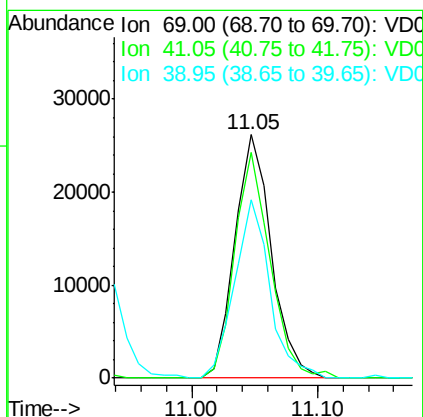
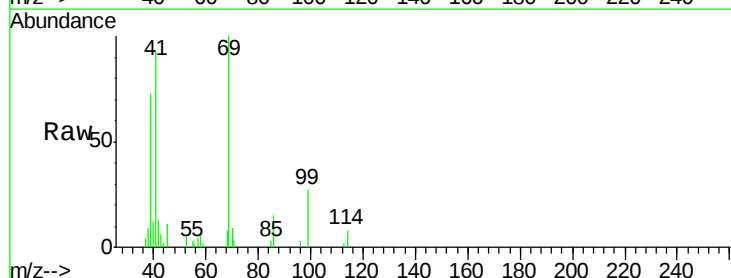
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

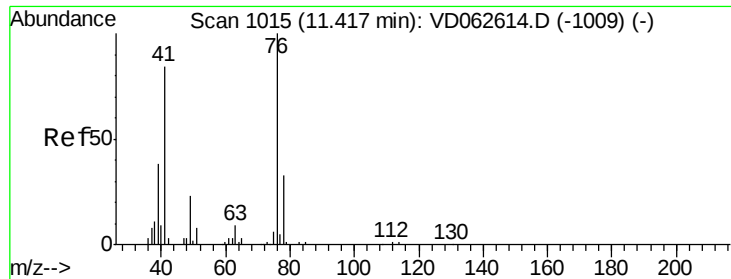
Tot Ion:	97	Resp:	51401
Ion	Ratio	Lower	Upper
97	100		
83	71.5	65.9	98.9
85	47.2	42.6	63.8
99	56.9	53.4	80.2



#56
Ethyl methacrylate
Concen: 10.006 ug/l
RT: 11.05 min Scan# 977
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion:	69	Resp:	52436
Ion	Ratio	Lower	Upper
69	100		
41	92.6	66.3	99.5
39	73.3	48.3	72.5#

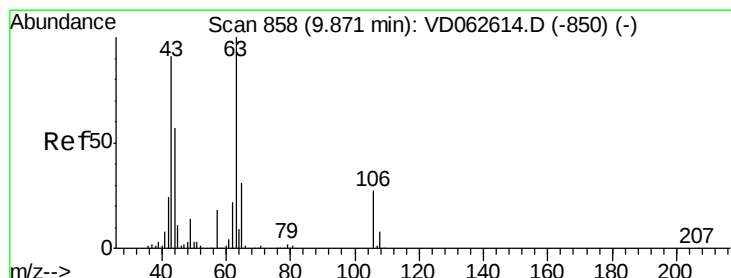
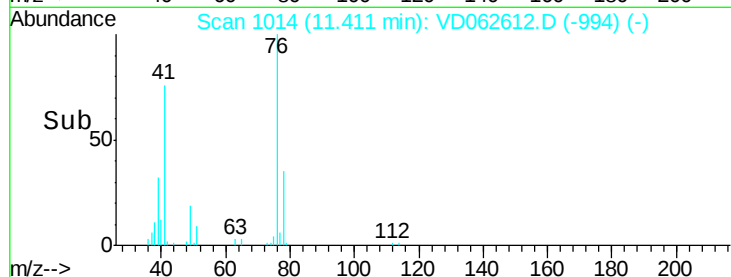
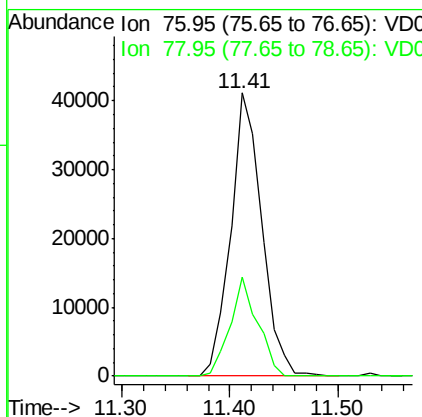
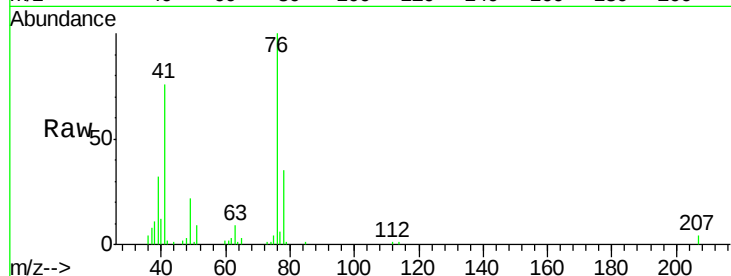




#57
 1,3-Dichloropropane
 Concen: 11.228 ug/l
 RT: 11.41 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

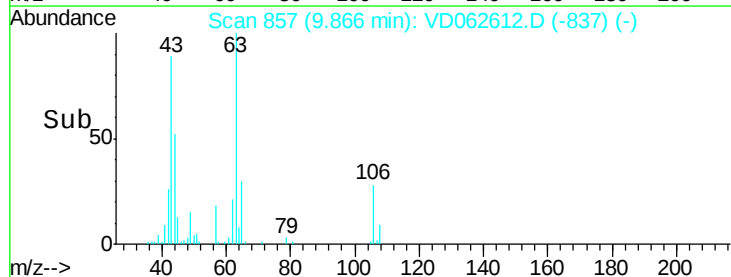
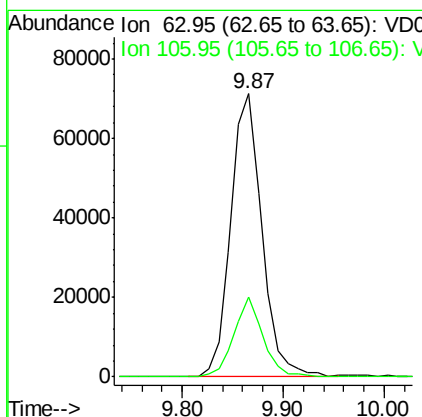
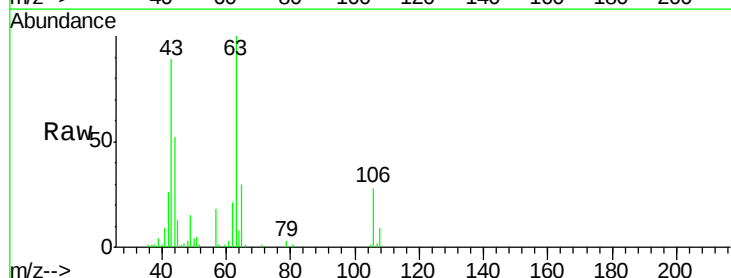
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

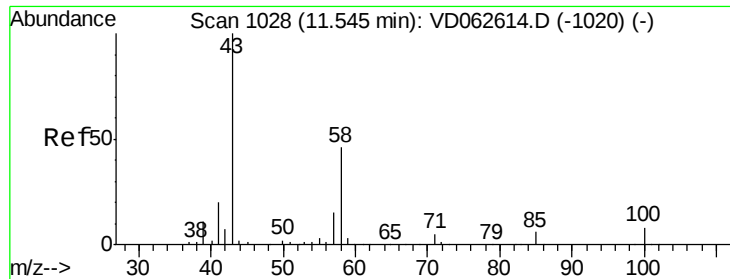
Tot Ion: 76 Resp: 82425
 Ion Ratio Lower Upper
 76 100
 78 35.0 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 56.887 ug/l
 RT: 9.87 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Tgt Ion: 63 Resp: 152898
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.3 31.9

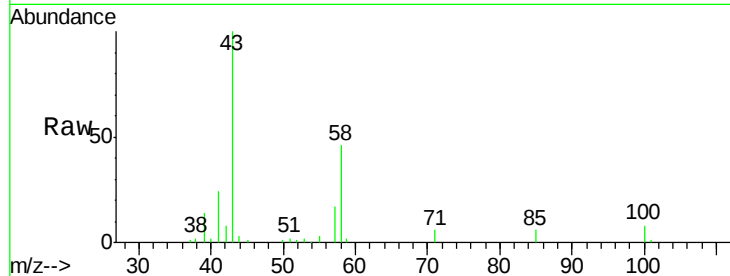




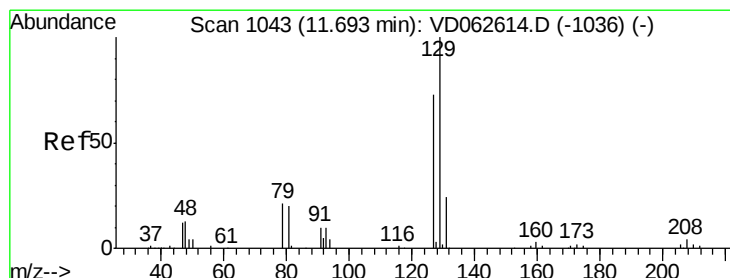
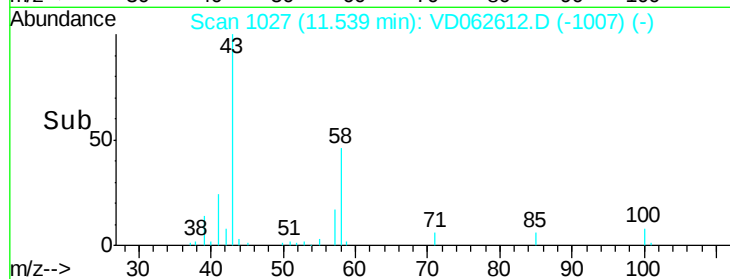
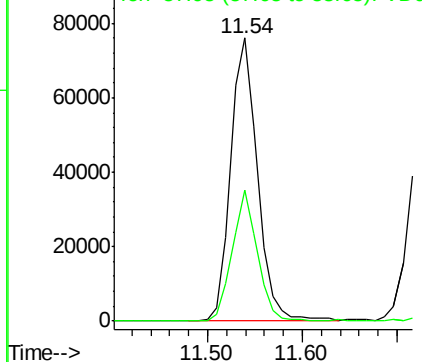
#59
2-Hexanone
Concen: 51.925 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 148763
Ion Ratio Lower Upper
43 100
58 46.3 22.8 68.3

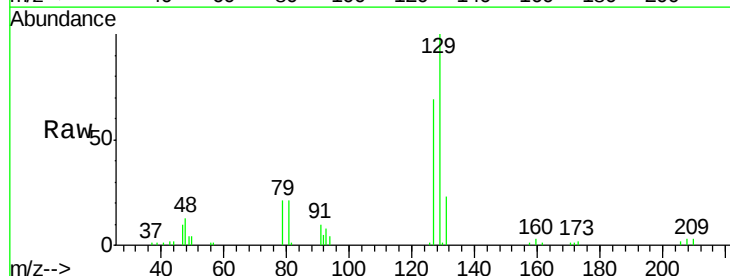


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

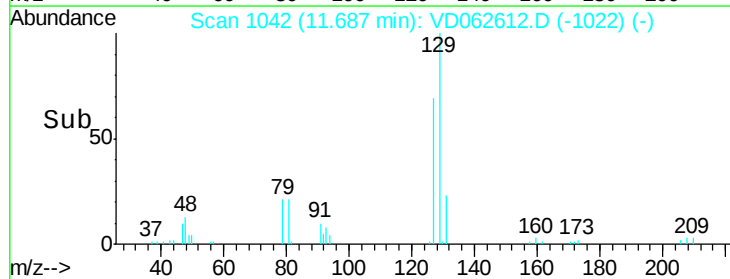
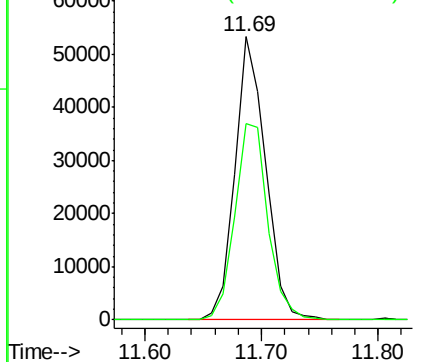


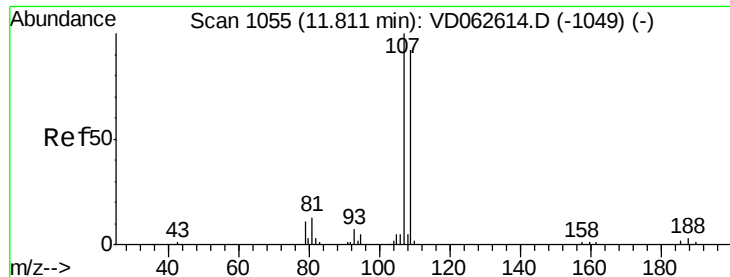
#60
Dibromochloromethane
Concen: 10.553 ug/l
RT: 11.69 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 129 Resp: 96963
Ion Ratio Lower Upper
129 100
127 69.2 36.6 109.9



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

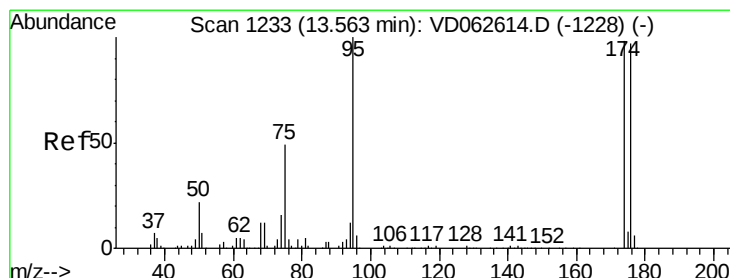
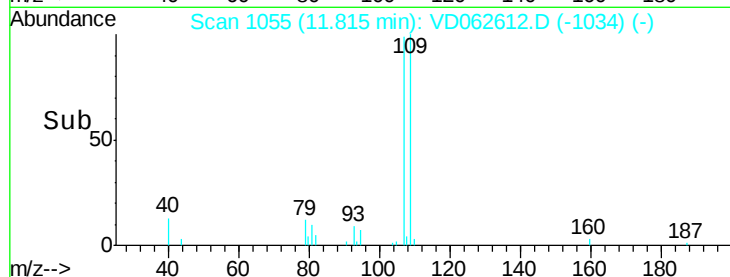
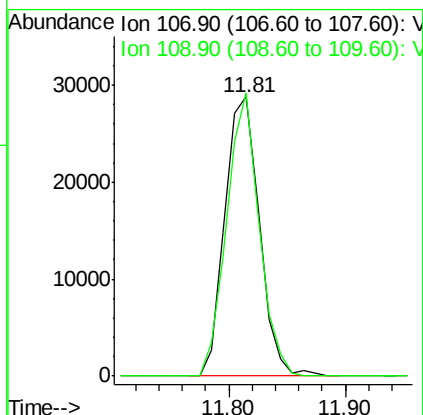
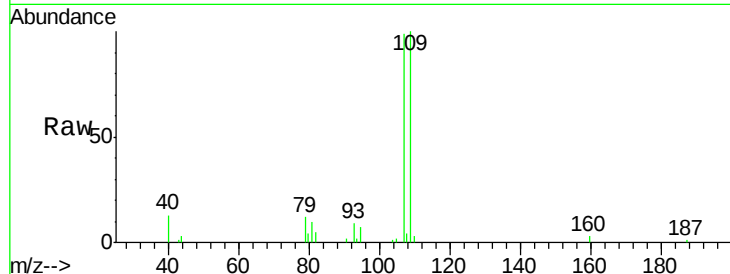




#61
1,2-Dibromoethane
Concen: 10.290 ug/l
RT: 11.81 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

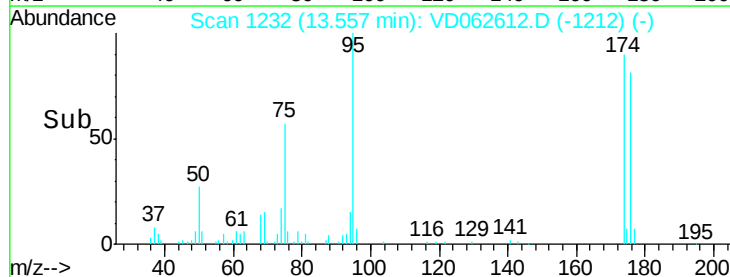
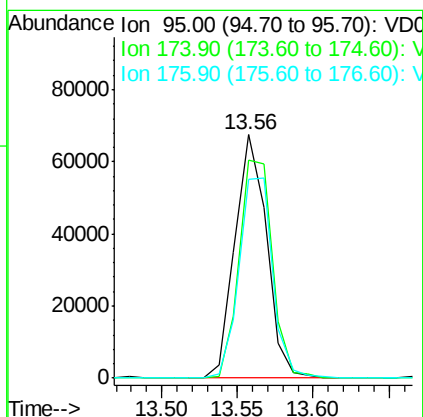
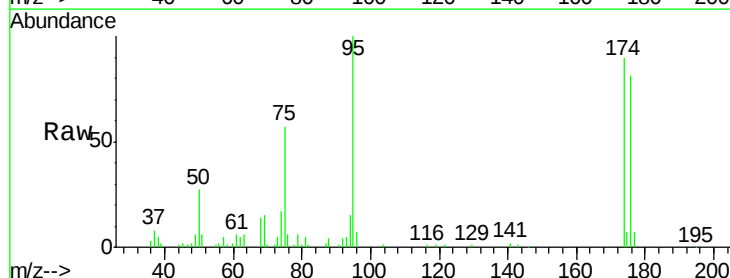
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

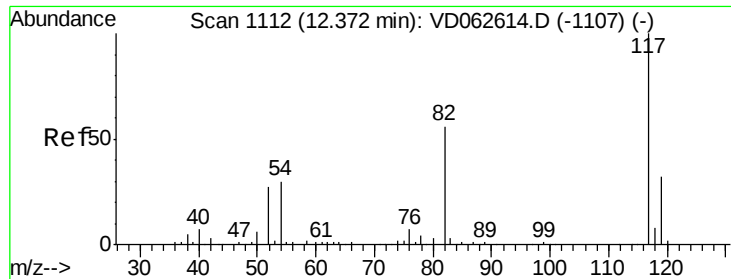
Tot Ion:107 Resp: 59258
Ion Ratio Lower Upper
107 100
109 101.4 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 9.721 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 95 Resp: 97639
Ion Ratio Lower Upper
95 100
174 89.7 0.0 195.8
176 81.5 0.0 193.2

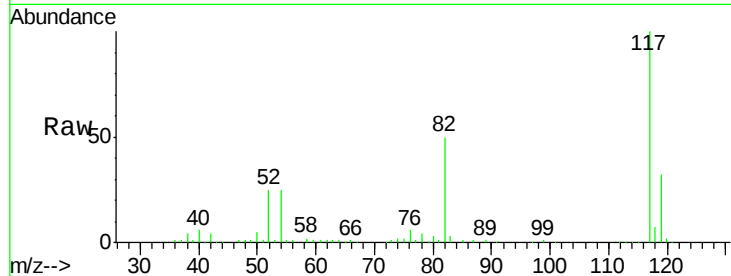




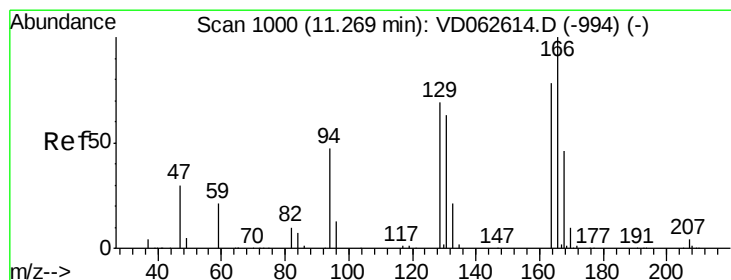
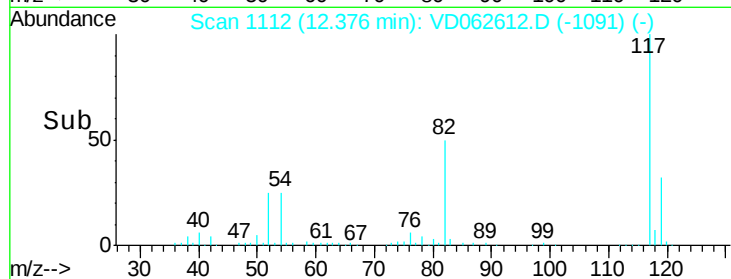
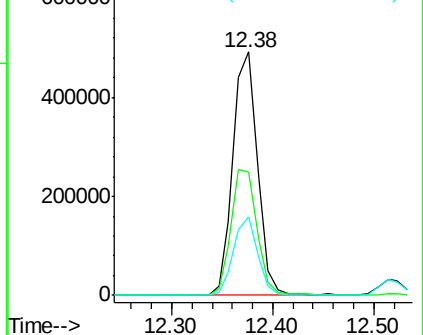
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:117 Resp: 834172
Ion Ratio Lower Upper
117 100
82 50.4 45.0 67.6
119 32.5 25.7 38.5

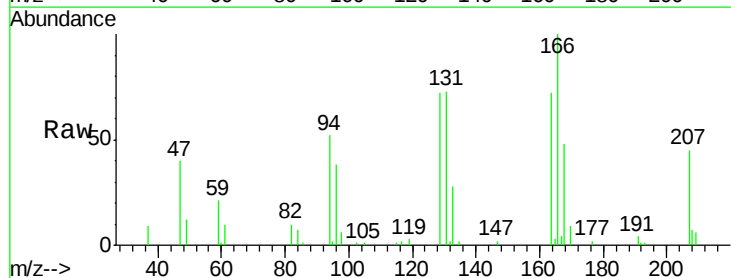


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

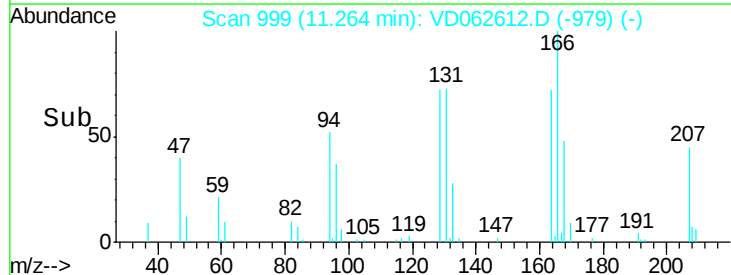
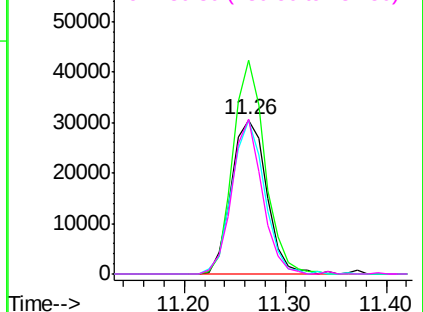


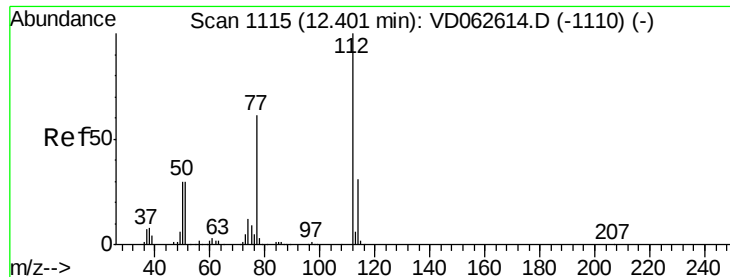
#64
Tetrachloroethene
Concen: 9.858 ug/l
RT: 11.26 min Scan# 999
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion:164 Resp: 74263
Ion Ratio Lower Upper
164 100
166 139.0 102.6 153.8
129 100.1 70.3 105.5
131 101.0 65.0 97.6#



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

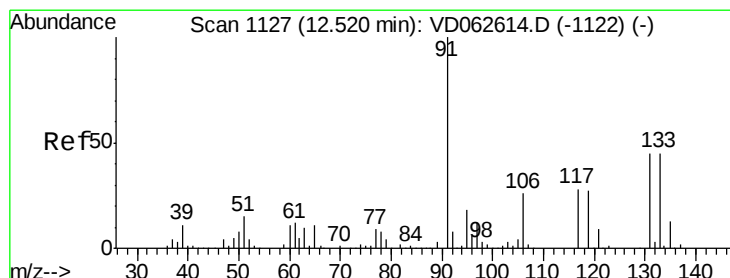
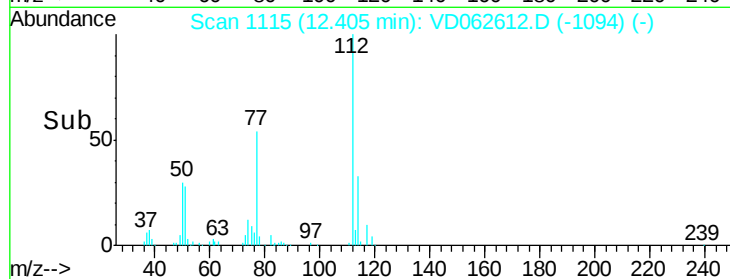
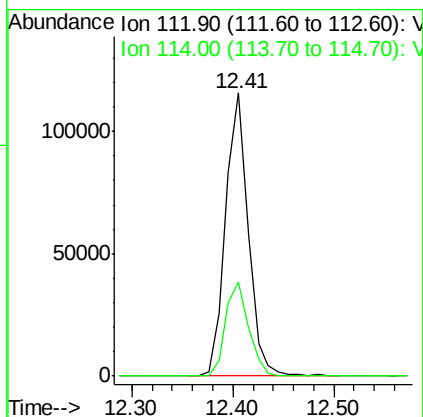
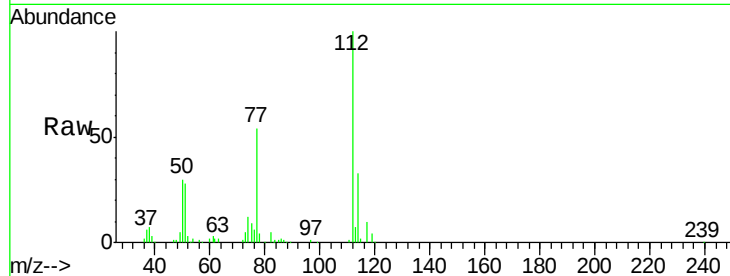




#65
Chlorobenzene
Concen: 10.413 ug/l
RT: 12.41 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

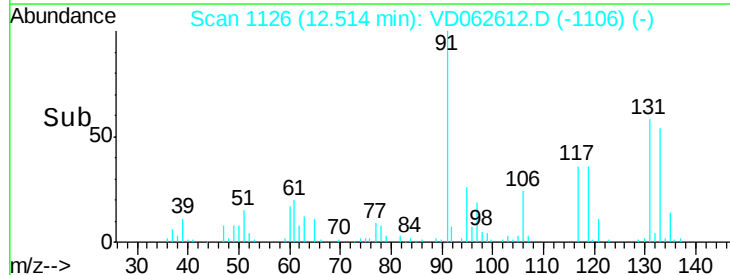
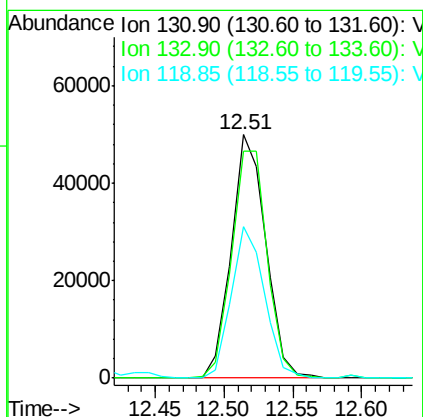
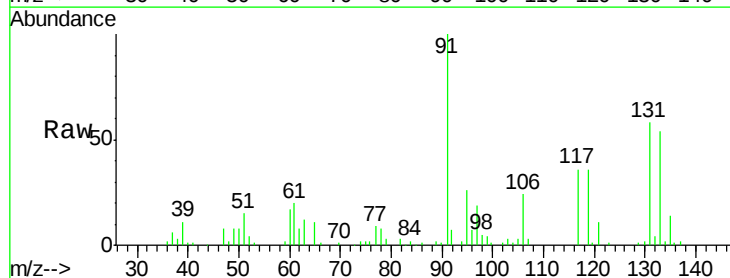
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

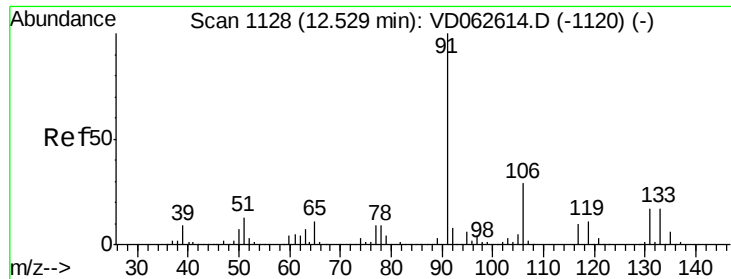
Tot Ion:112 Resp: 180487
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 10.438 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion:131 Resp: 86971
Ion Ratio Lower Upper
131 100
133 93.2 50.1 150.4
119 62.0 30.1 90.3

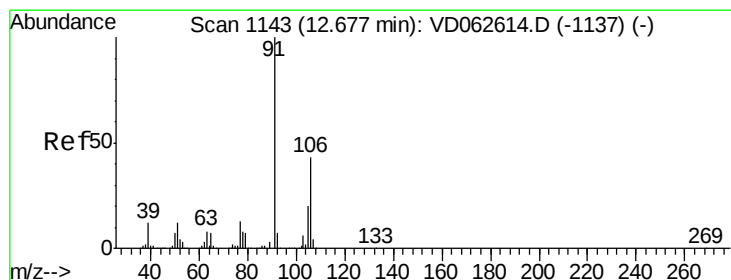
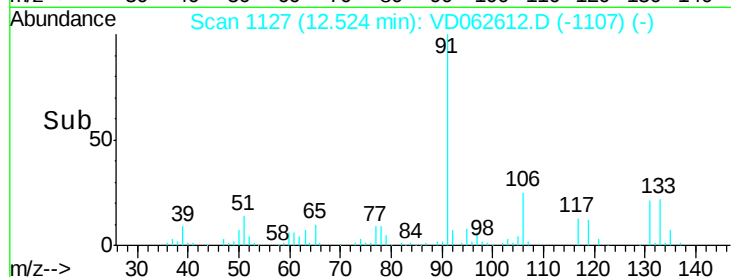
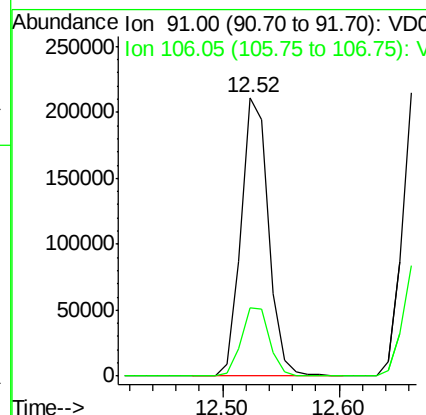
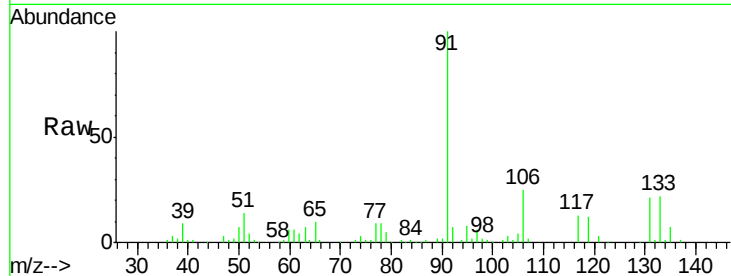




#67
Ethyl Benzene
Concen: 11.024 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

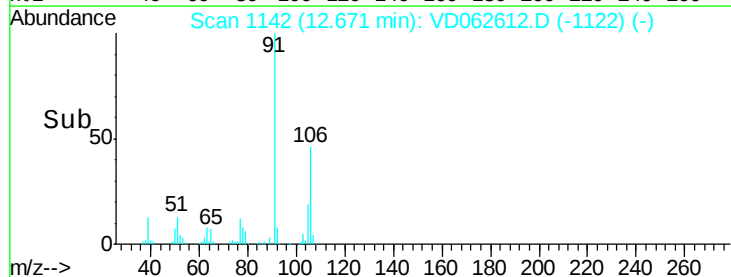
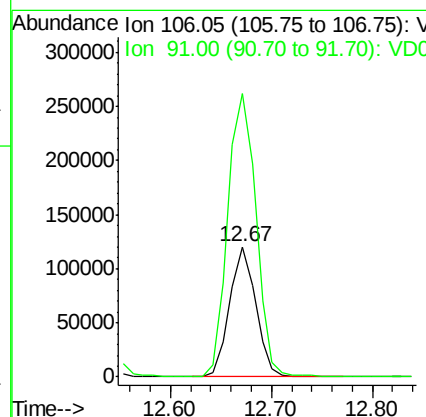
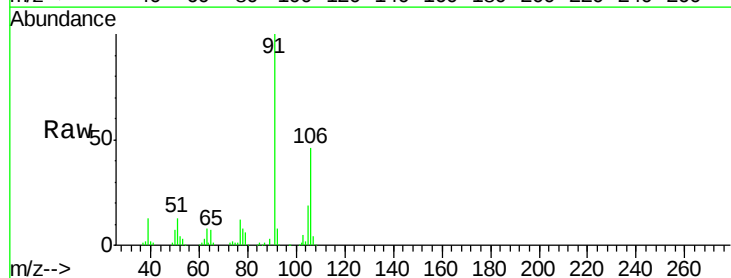
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

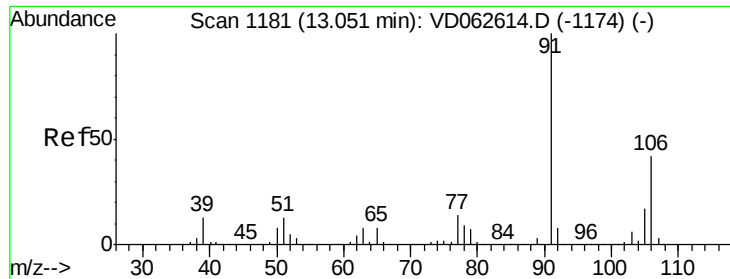
Tot Ion: 91 Resp: 345373
Ion Ratio Lower Upper
91 100
106 24.6 23.0 34.4



#68
m/p-Xylenes
Concen: 19.971 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 106 Resp: 218239
Ion Ratio Lower Upper
106 100
91 217.0 184.1 276.1

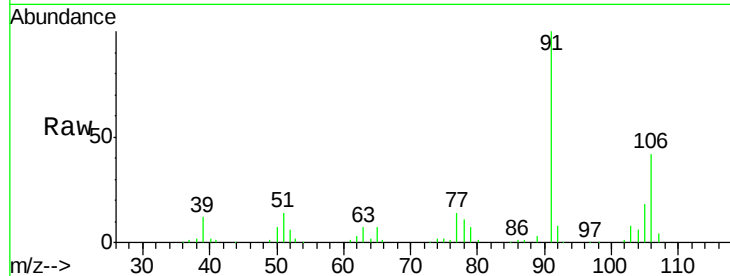




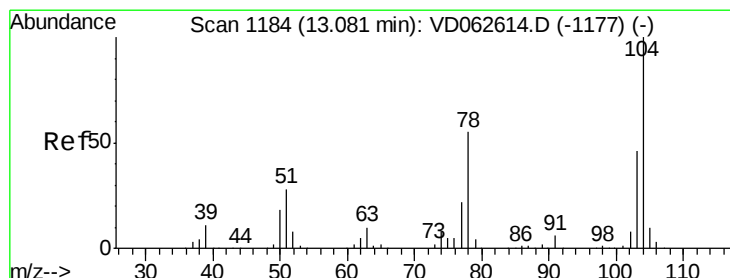
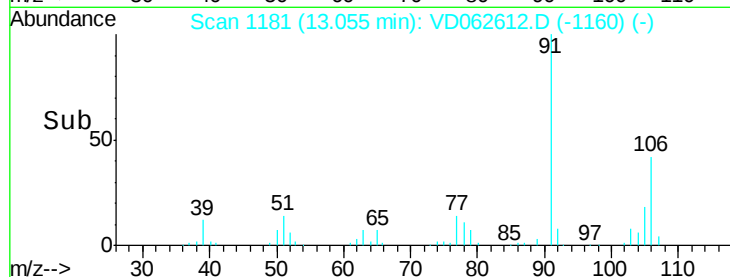
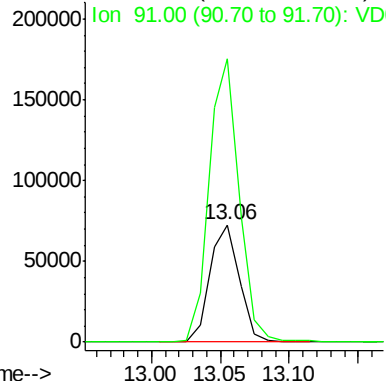
#69
o-Xylene
Concen: 10.310 ug/l
RT: 13.06 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 108556
Ion Ratio Lower Upper
106 100
91 240.7 118.8 356.5

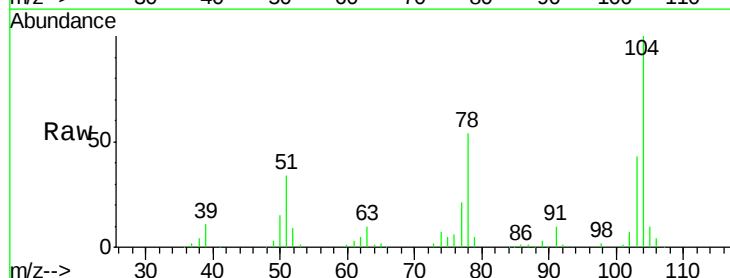


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

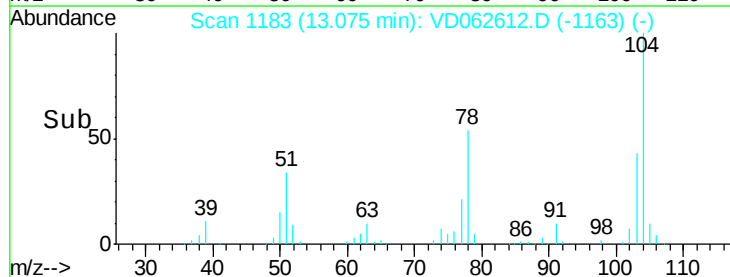
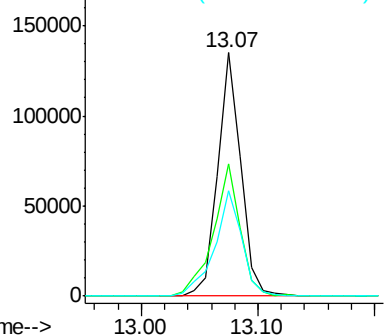


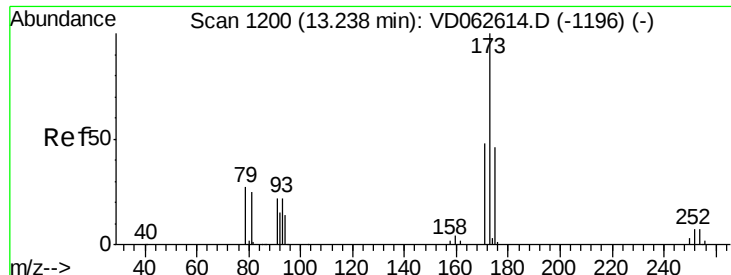
#70
Styrene
Concen: 10.492 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion:104 Resp: 185597
Ion Ratio Lower Upper
104 100
78 54.1 43.8 65.8
103 43.3 36.6 54.8



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

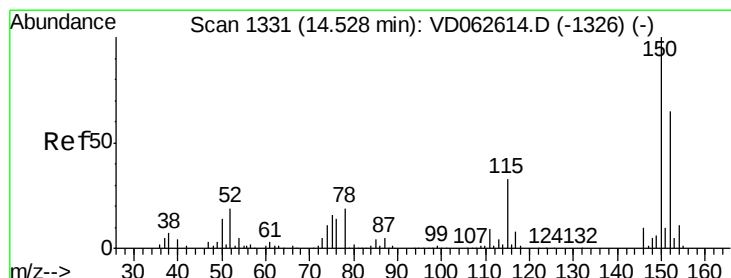
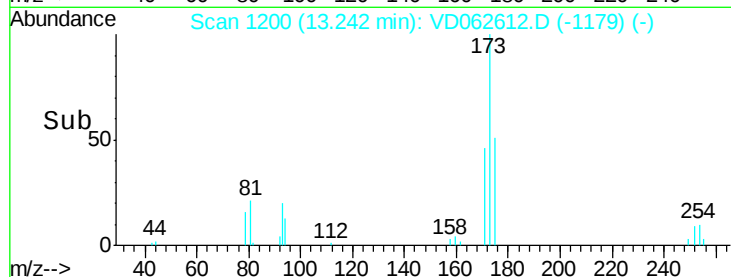
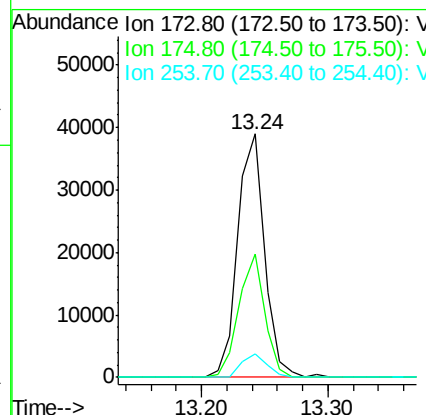
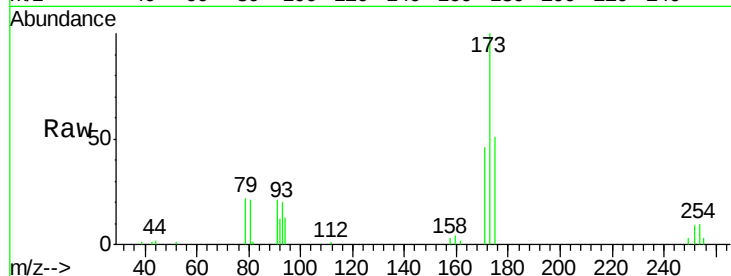




#71
Bromoform
Concen: 9.902 ug/l
RT: 13.24 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

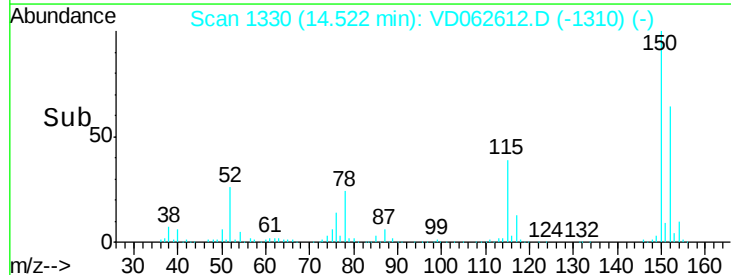
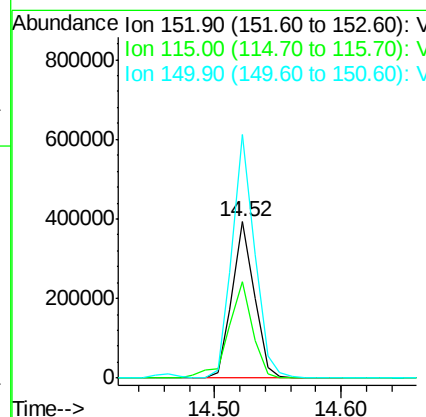
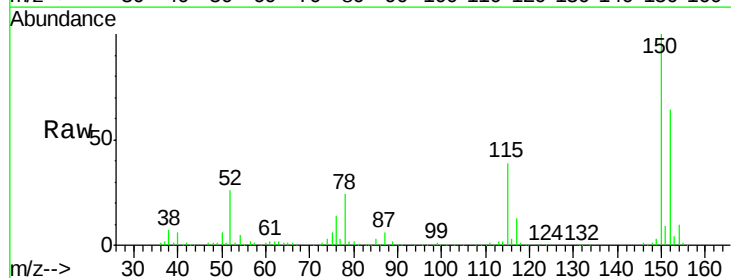
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

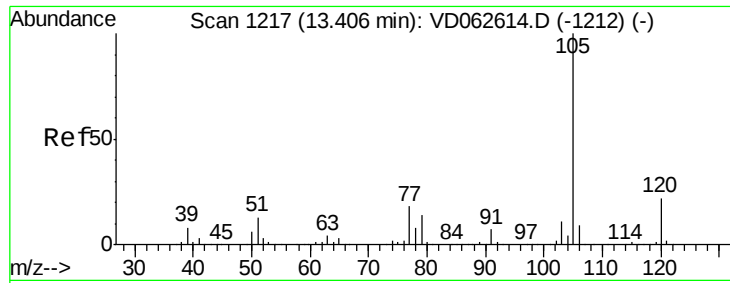
Tot Ion:173 Resp: 56985
Ion Ratio Lower Upper
173 100
175 50.8 23.2 69.5
254 9.6 5.9 8.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion:152 Resp: 479264
Ion Ratio Lower Upper
152 100
115 61.5 27.1 81.3
150 156.1 0.0 315.0





#73

Isopropylbenzene

Concen: 10.444 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

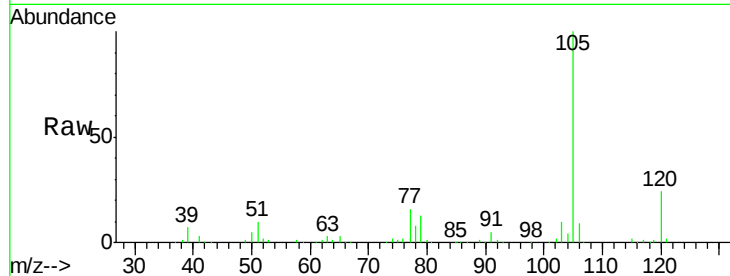
VSTDIC010

Tot Ion:105 Resp: 348038

Ion Ratio Lower Upper

105 100

120 23.9 11.2 33.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

250000

200000

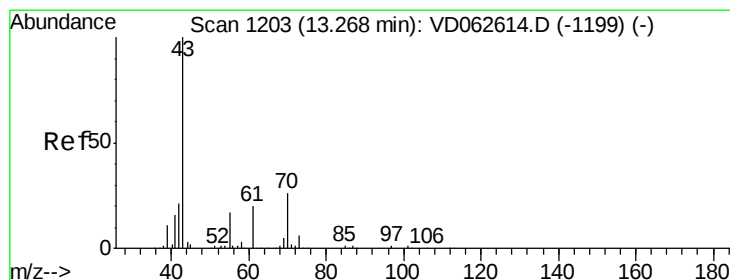
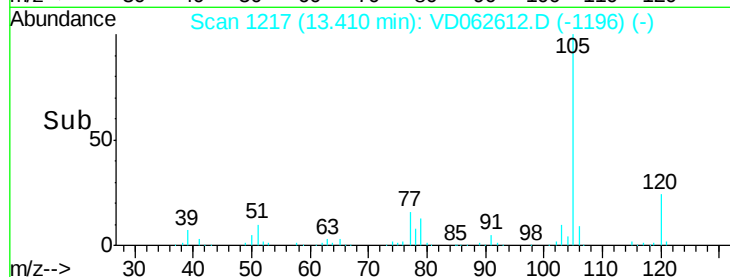
150000

100000

50000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 10.036 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Tgt Ion: 43 Resp: 86354

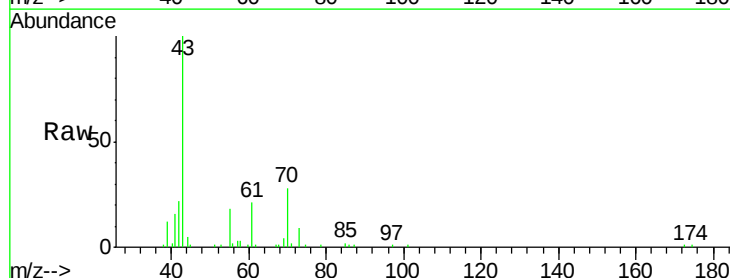
Ion Ratio Lower Upper

43 100

70 28.3 20.5 30.7

55 17.9 13.8 20.8

61 21.1 15.9 23.9



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

13.27

80000

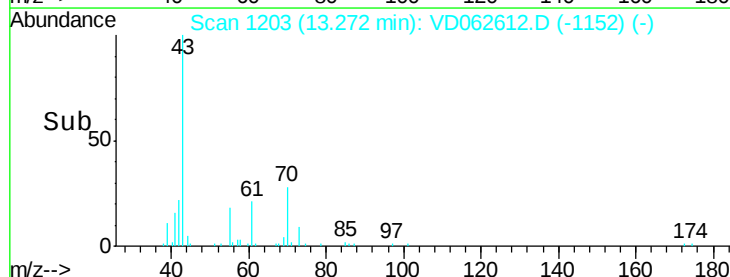
60000

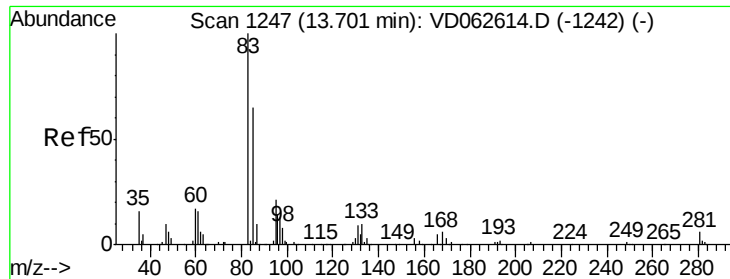
40000

20000

0

Time--> 13.20 13.25 13.30 13.35





#75

1,1,2,2-Tetrachloroethane

Concen: 9.638 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

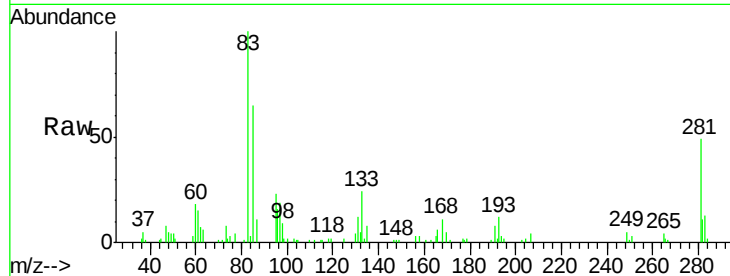
Tot Ion: 83 Resp: 53841

Ion	Ratio	Lower	Upper
83	100		
131	11.9	4.7	14.0
85	65.4	32.3	96.9

83 100

131 11.9 4.7 14.0

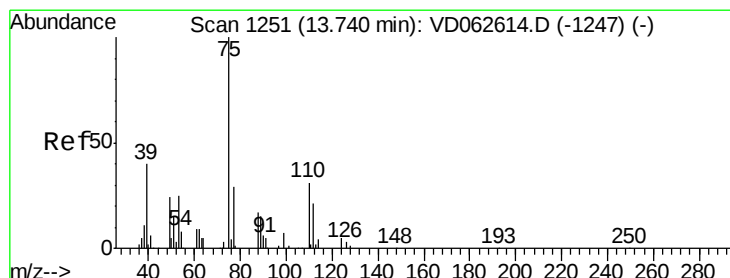
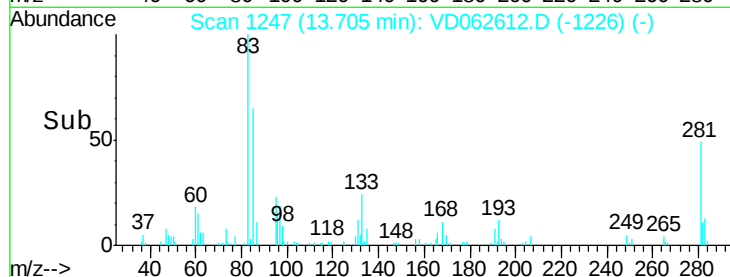
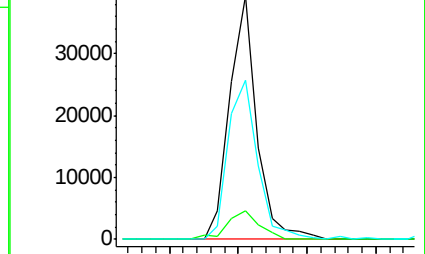
85 65.4 32.3 96.9



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: 9.940 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VD062612.D

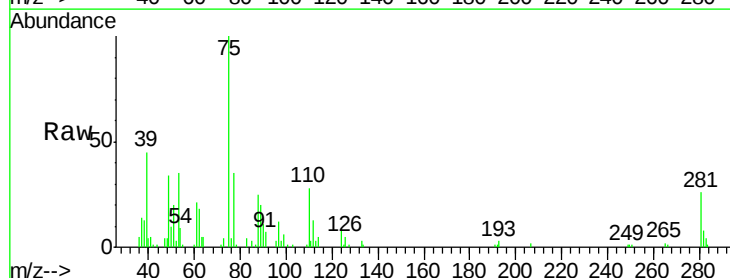
Acq: 5 Jun 2019 14:46

Tgt Ion: 75 Resp: 62143

Ion	Ratio	Lower	Upper
75	100		
77	34.9	16.7	50.1

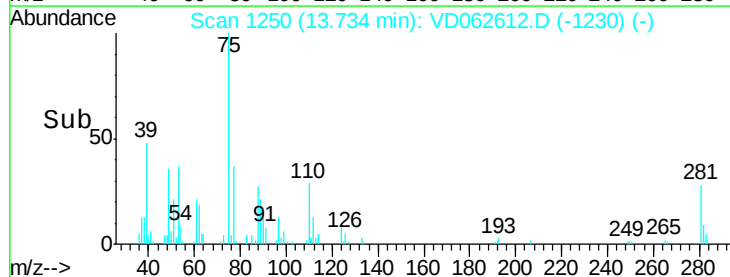
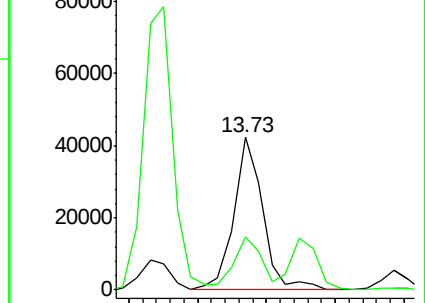
75 100

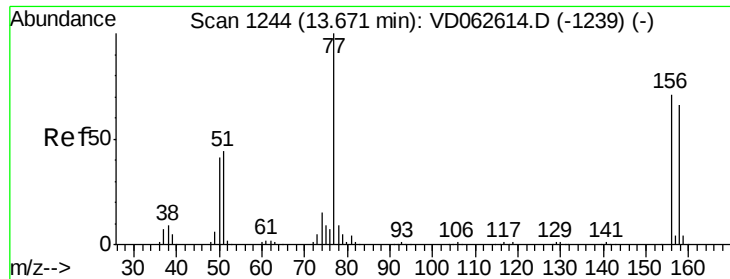
77 34.9 16.7 50.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 10.397 ug/l

RT: 13.68 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

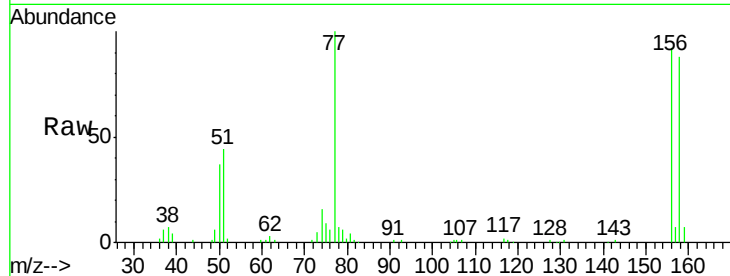
Tot Ion:156 Resp: 96373

Ion Ratio Lower Upper

156 100

77 108.7 70.5 211.5

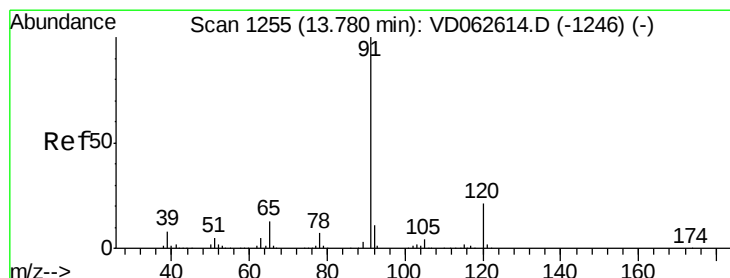
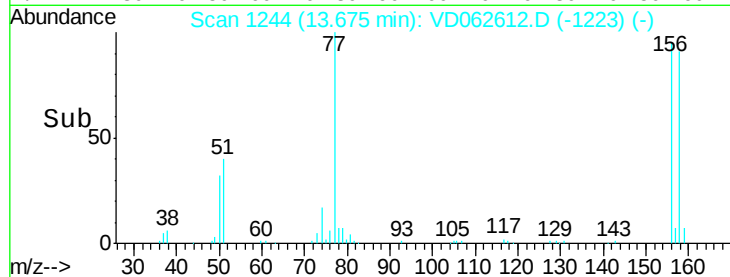
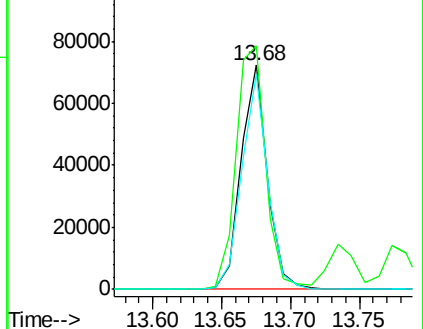
158 95.9 46.9 140.6



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 10.686 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD062612.D

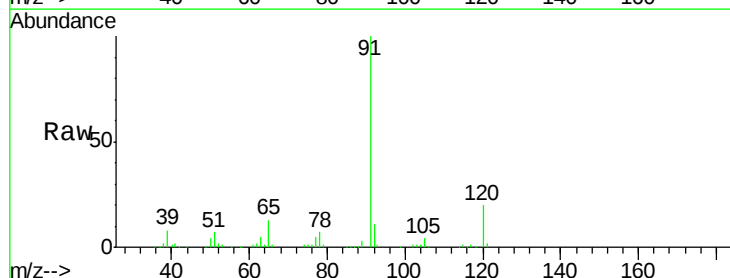
Acq: 5 Jun 2019 14:46

Tgt Ion: 91 Resp: 412973

Ion Ratio Lower Upper

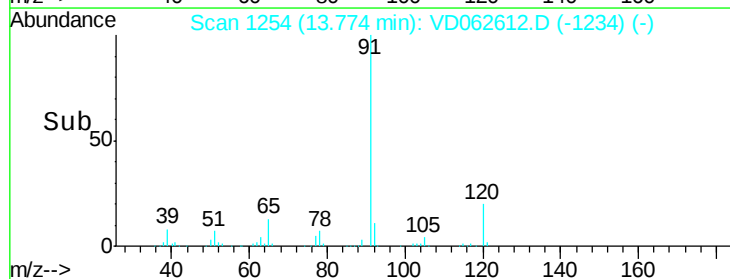
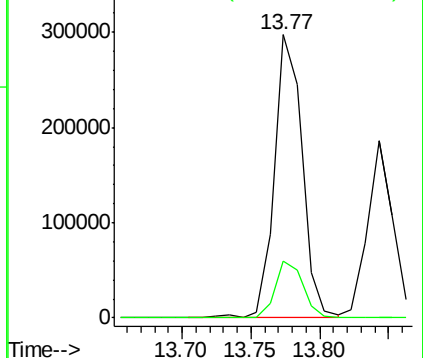
91 100

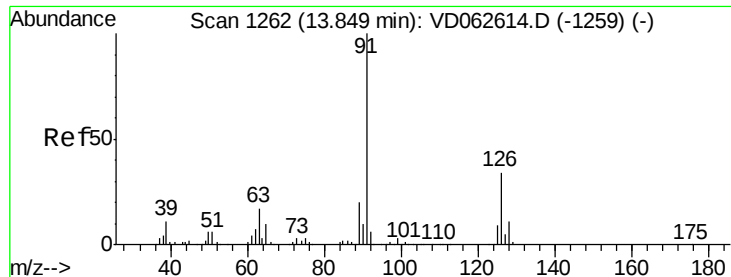
120 19.9 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

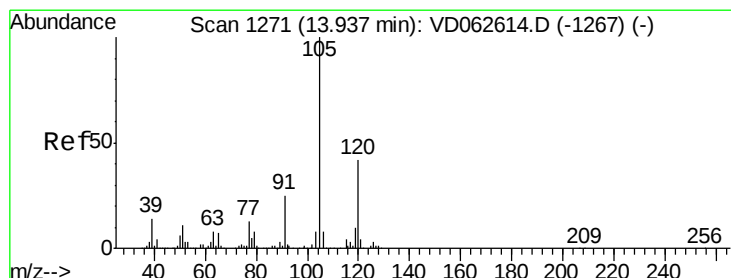
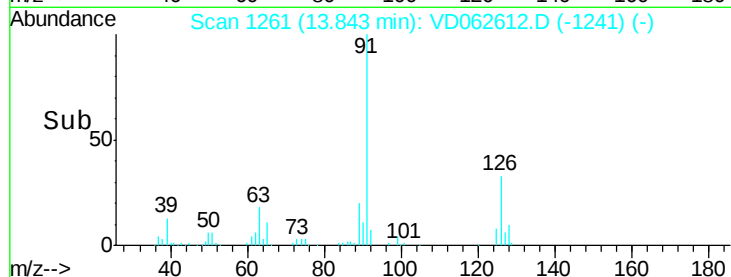
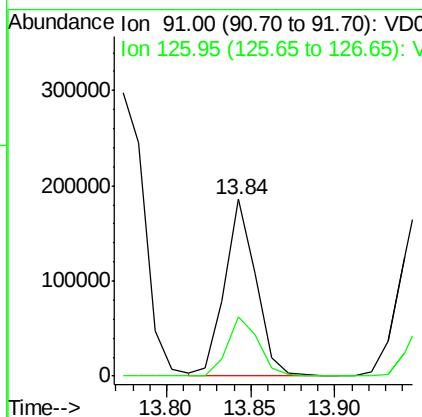
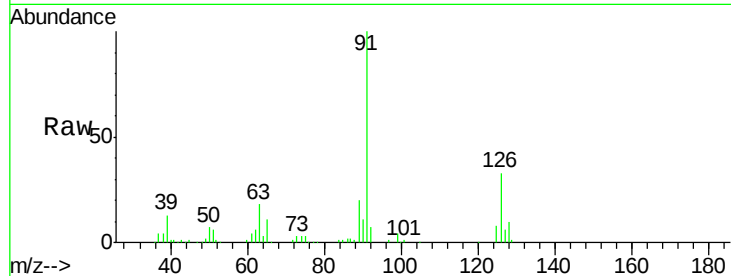




#79
 2-Chlorotoluene
 Concen: 10.218 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

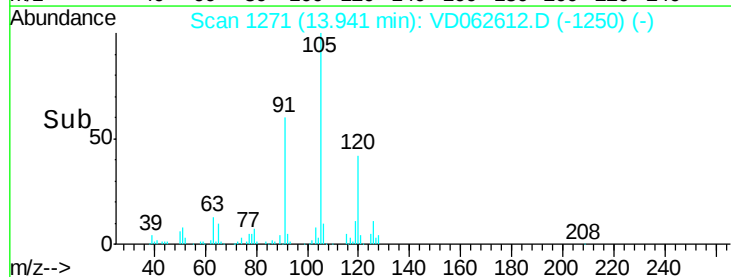
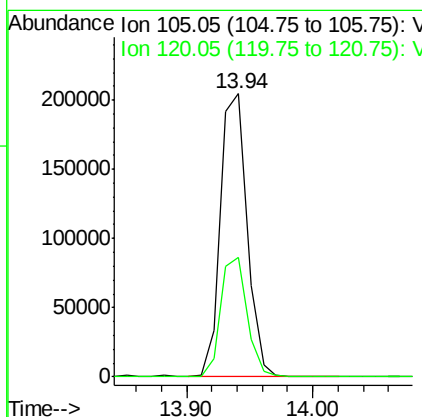
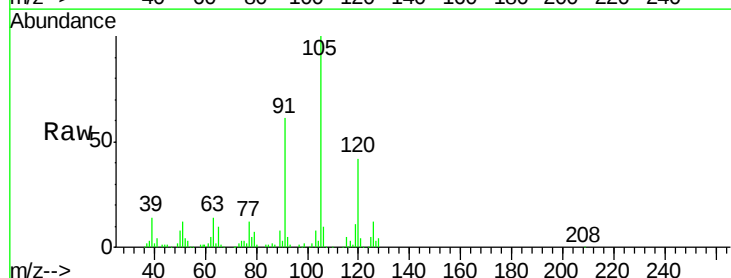
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

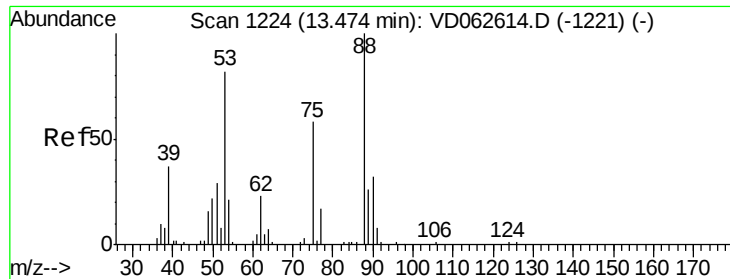
Tot Ion: 91 Resp: 239404
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 10.501 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Tgt Ion: 105 Resp: 301171
 Ion Ratio Lower Upper
 105 100
 120 42.2 21.1 63.4

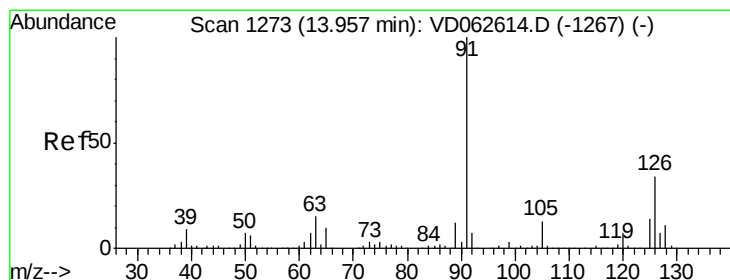
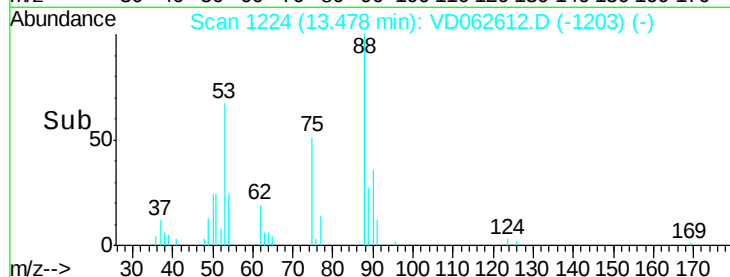
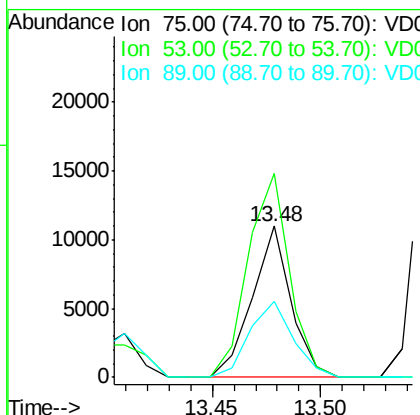
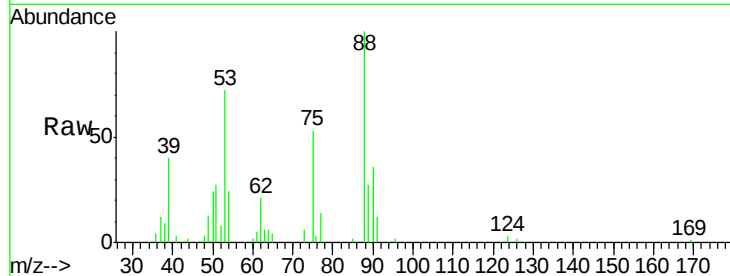




#81
trans-1,4-Dichloro-2-butene
Concen: 8.529 ug/l
RT: 13.48 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

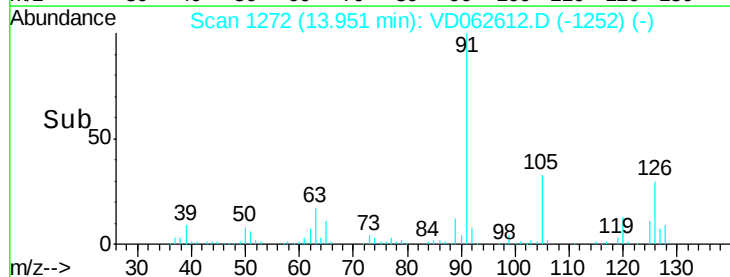
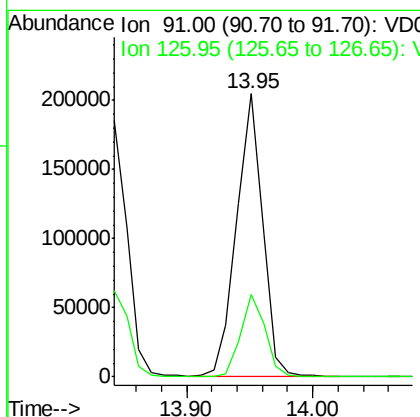
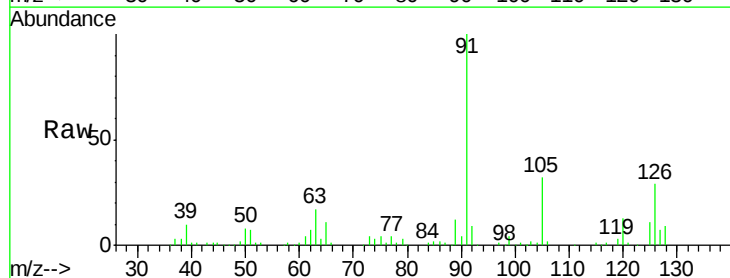
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

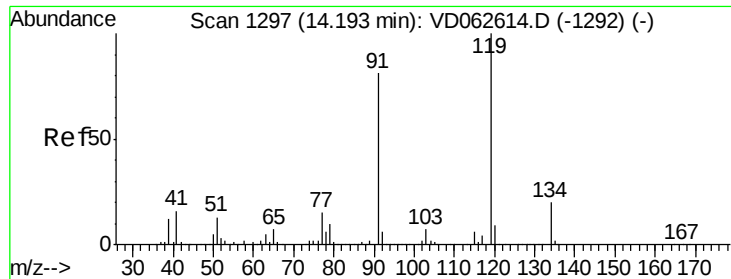
Tot Ion: 75 Resp: 13706
Ion Ratio Lower Upper
75 100
53 135.0 113.2 169.8
89 50.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 10.547 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion: 91 Resp: 290813
Ion Ratio Lower Upper
91 100
126 29.3 16.8 50.4

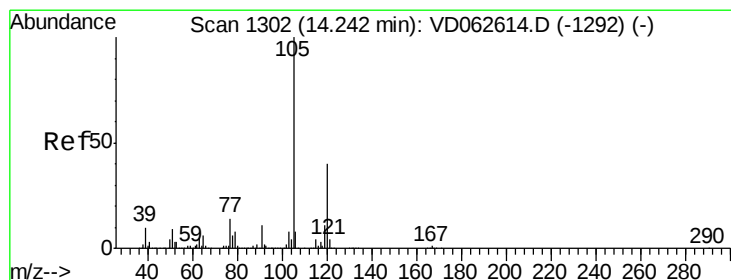
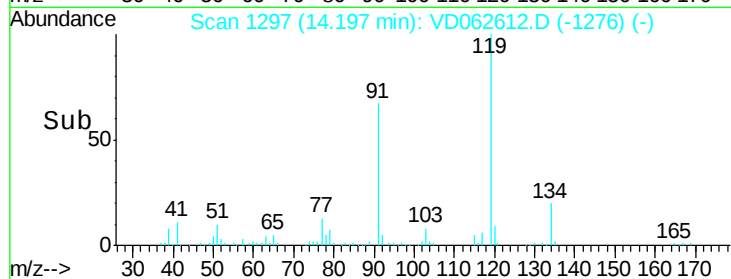
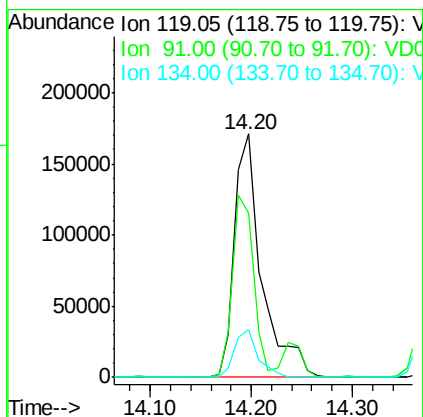
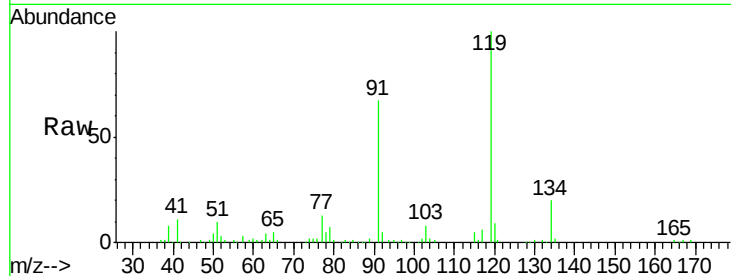




#83
tert-Butylbenzene
Concen: 10.167 ug/l
RT: 14.20 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

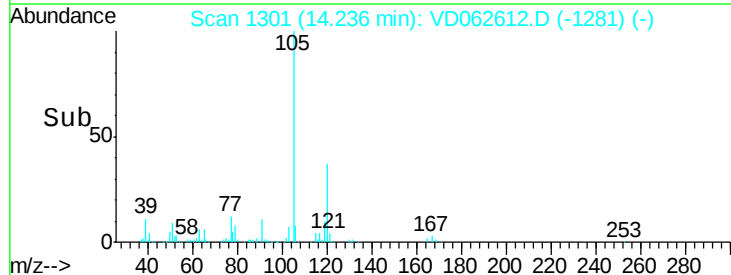
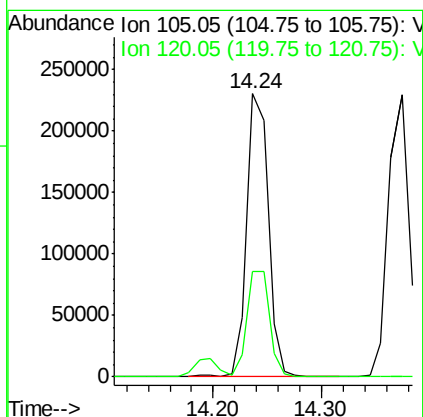
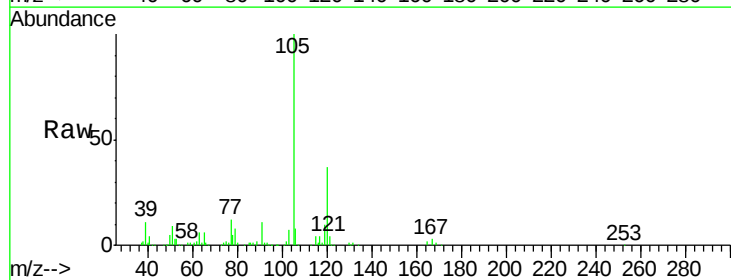
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

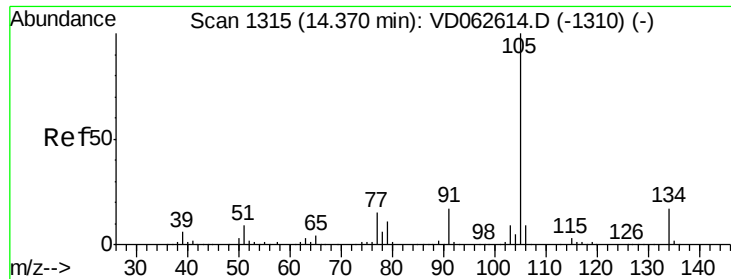
Tot Ion:119 Resp: 321078
Ion Ratio Lower Upper
119 100
91 67.3 40.8 122.2
134 19.7 10.3 30.8



#84
1,2,4-Trimethylbenzene
Concen: 10.900 ug/l
RT: 14.24 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VD062612.D
Acq: 5 Jun 2019 14:46

Tgt Ion:105 Resp: 319972
Ion Ratio Lower Upper
105 100
120 37.1 19.9 59.7





#85

sec-Butylbenzene

Concen: 9.498 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleID :

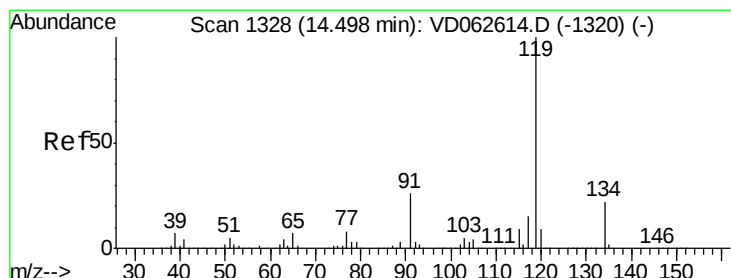
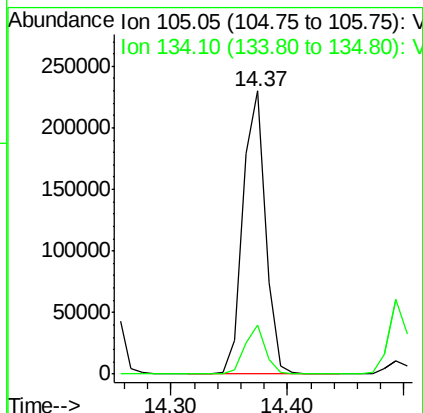
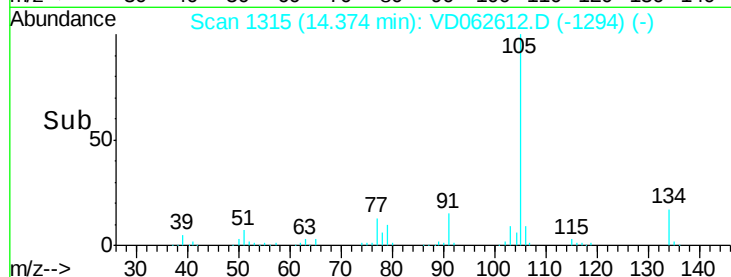
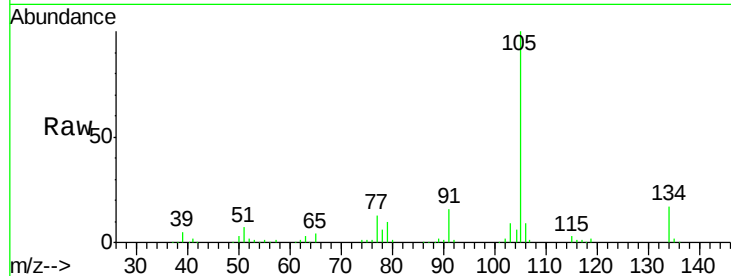
VSTDIC010

Tot Ion:105 Resp: 309076

Ion Ratio Lower Upper

105 100

134 17.3 8.3 24.8



#86

p-Isopropyltoluene

Concen: 10.235 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

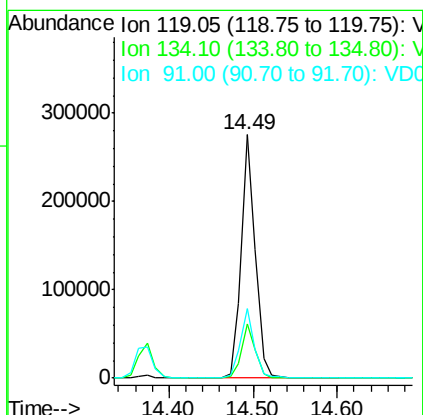
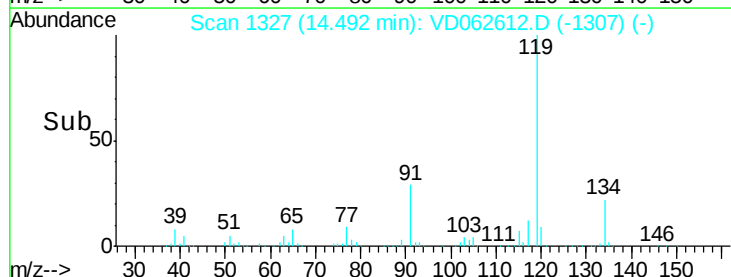
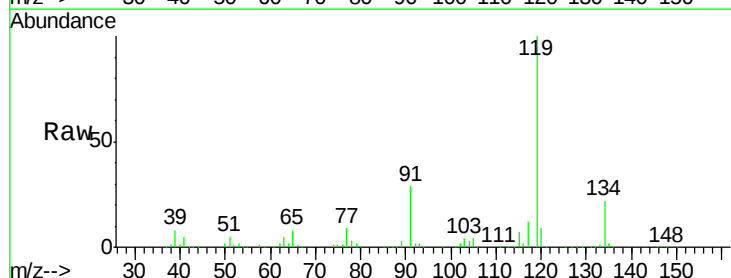
Tgt Ion:119 Resp: 320188

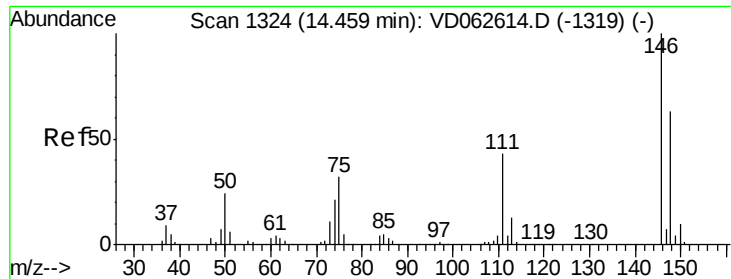
Ion Ratio Lower Upper

119 100

134 22.1 11.2 33.5

91 28.7 13.3 39.8

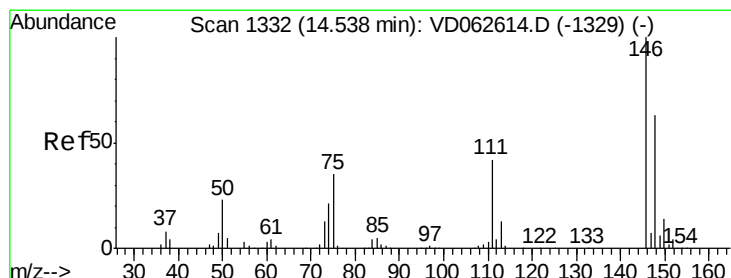
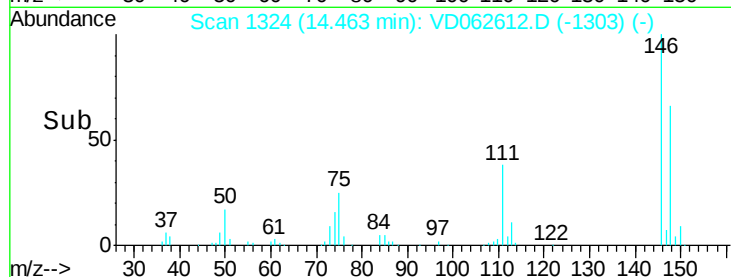
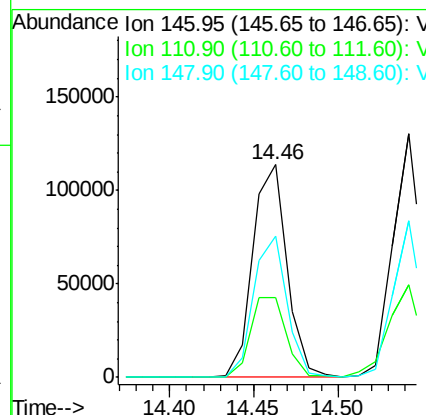
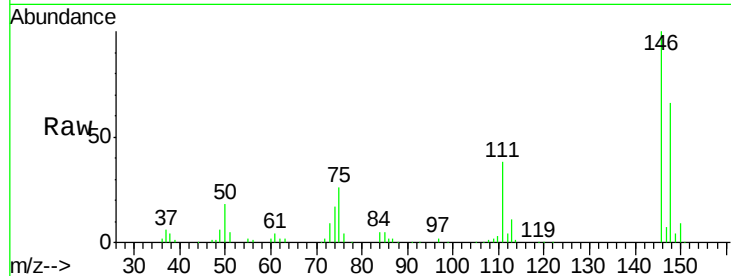




#87
 1,3-Dichlorobenzene
 Concen: 10.304 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

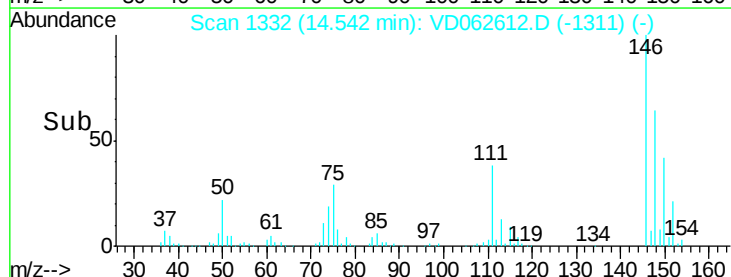
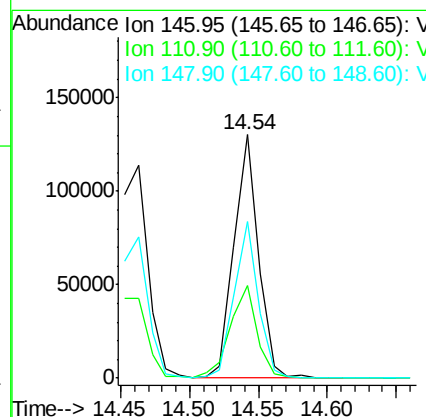
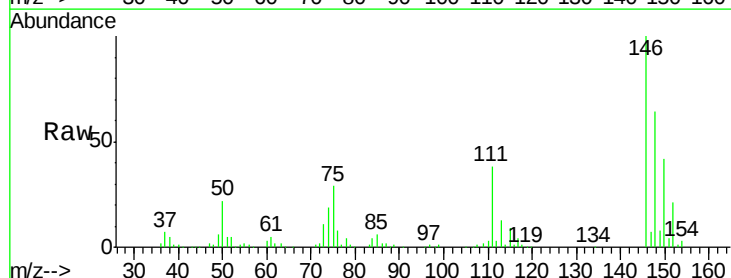
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

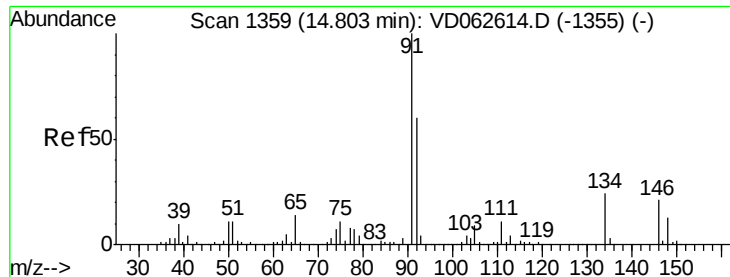
Tot Ion:146 Resp: 160294
 Ion Ratio Lower Upper
 146 100
 111 37.8 21.6 64.6
 148 66.3 31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 10.225 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Tgt Ion:146 Resp: 161095
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.9 62.8
 148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 9.890 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

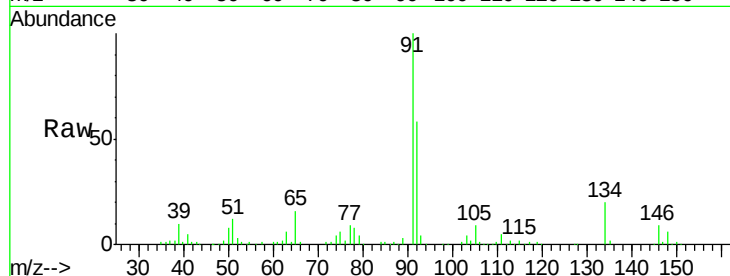
Tot Ion: 91 Resp: 287700

Ion Ratio Lower Upper

91 100

92 57.7 29.9 89.7

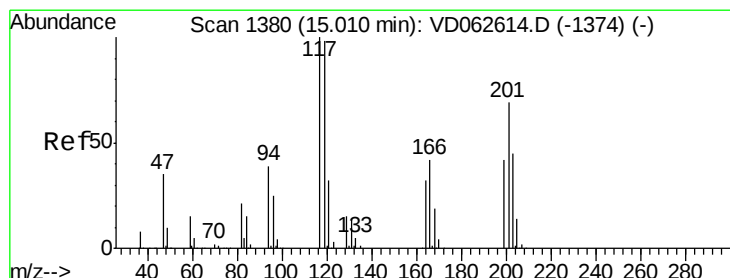
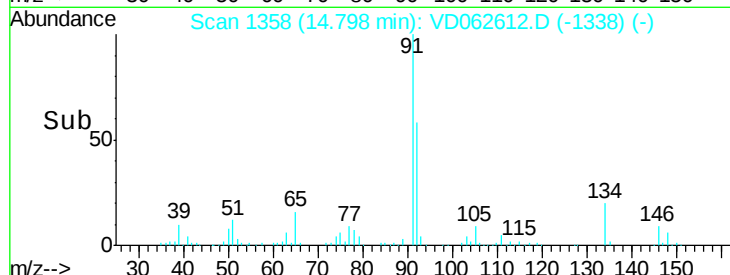
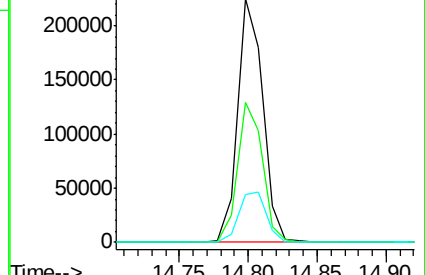
134 19.7 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 8.858 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VD062612.D

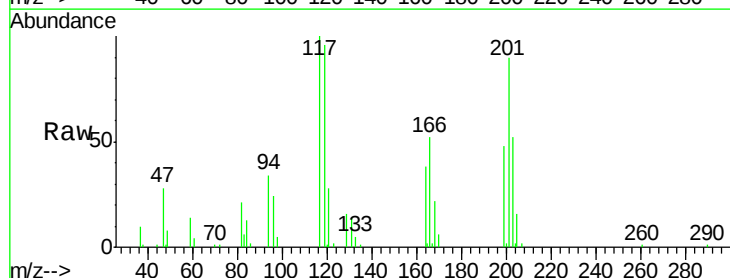
Acq: 5 Jun 2019 14:46

Tgt Ion: 117 Resp: 72938

Ion Ratio Lower Upper

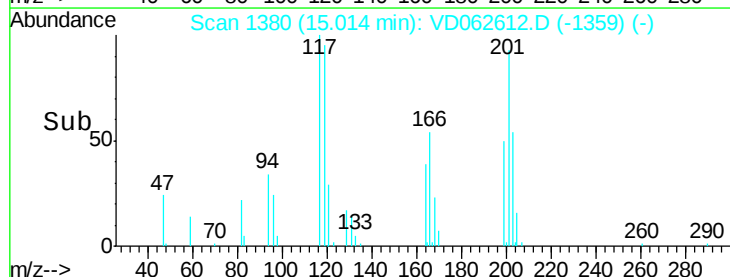
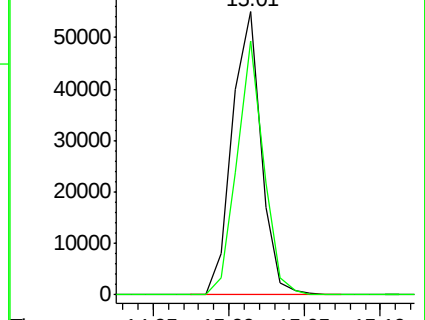
117 100

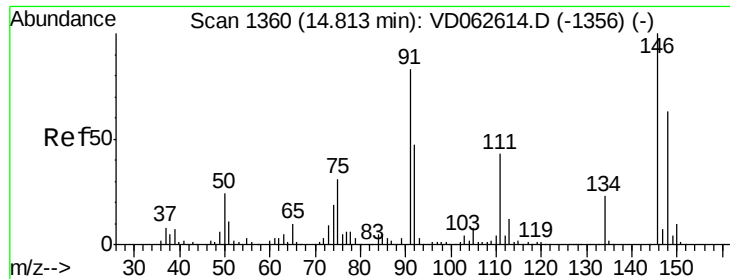
201 89.8 34.4 103.3



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

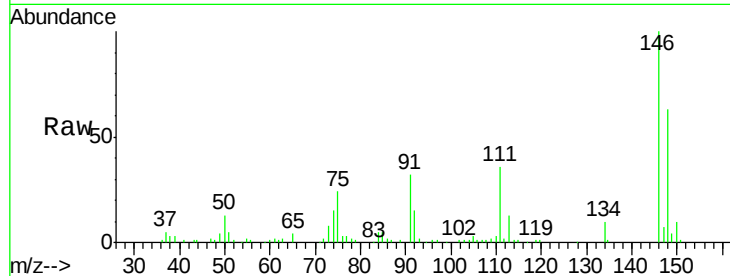




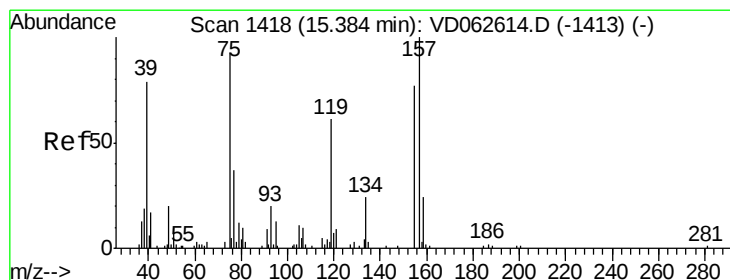
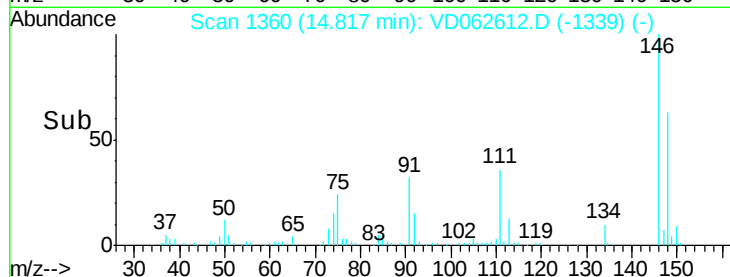
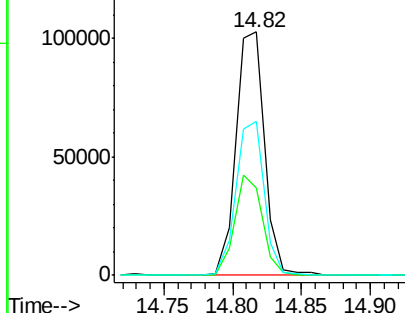
#91
 1,2-Dichlorobenzene
 Concen: 10.389 ug/l
 RT: 14.82 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion:146 Resp: 149243
 Ion Ratio Lower Upper
 146 100
 111 35.7 21.3 64.0
 148 63.4 31.4 94.3

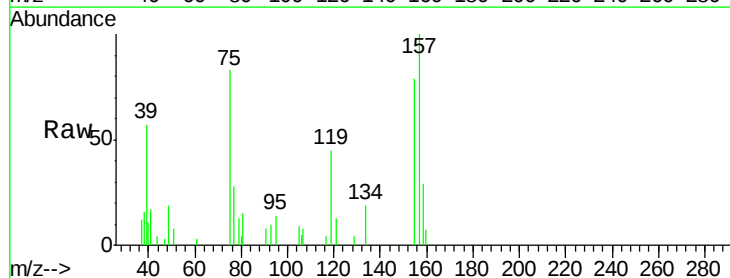


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

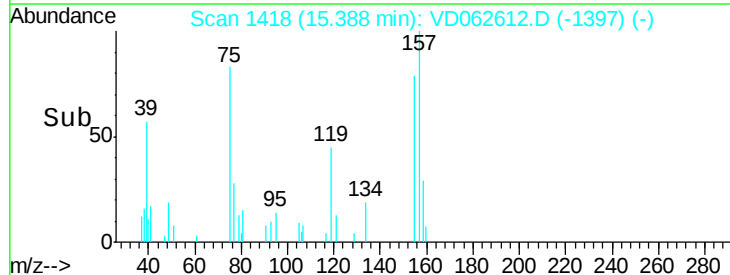
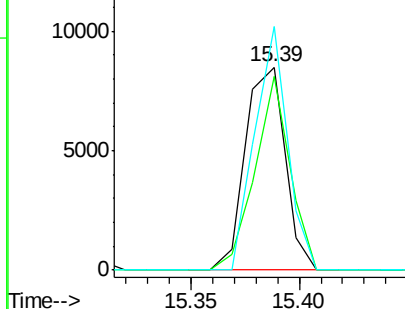


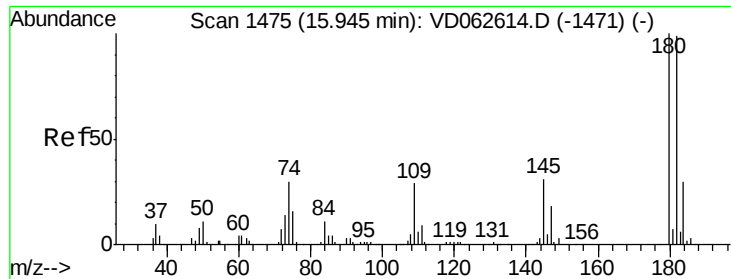
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.469 ug/l
 RT: 15.39 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Tgt Ion: 75 Resp: 10820
 Ion Ratio Lower Upper
 75 100
 155 95.5 41.6 124.8
 157 120.1 53.8 161.2



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

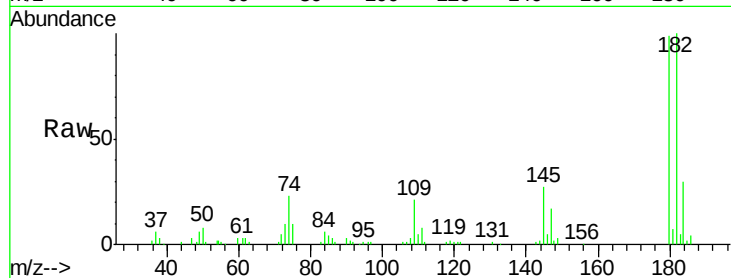




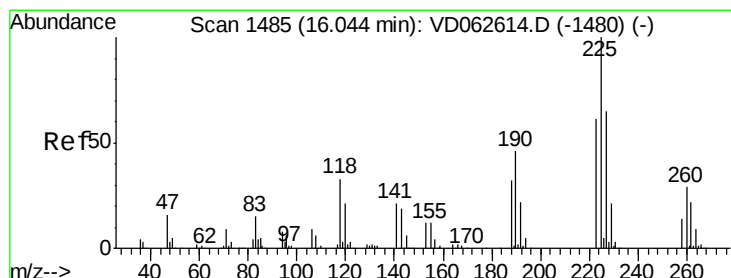
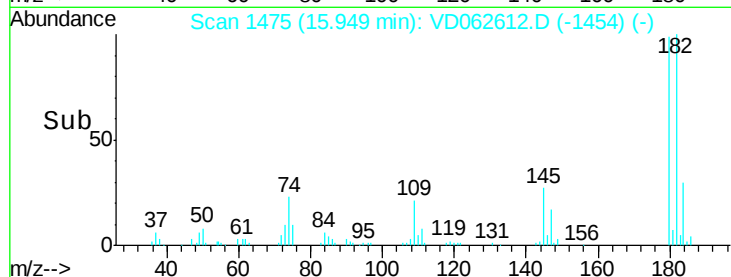
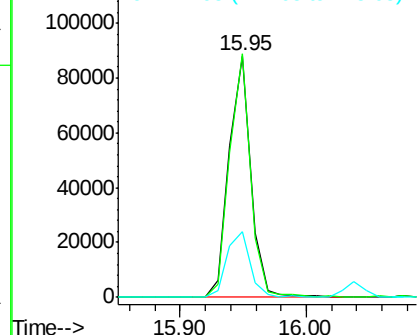
#93
 1,2,4-Trichlorobenzene
 Concen: 10.204 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion:180 Resp: 105319
 Ion Ratio Lower Upper
 180 100
 182 100.9 49.3 147.8
 145 27.2 15.7 47.1

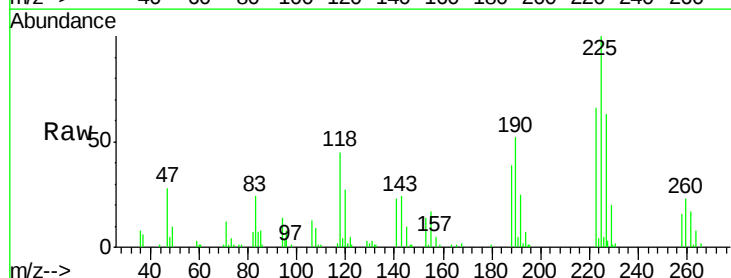


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

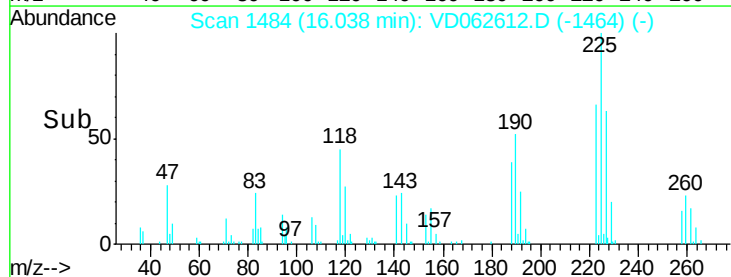
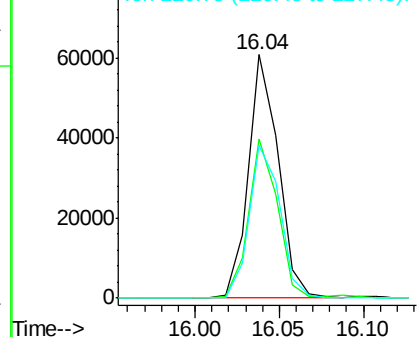


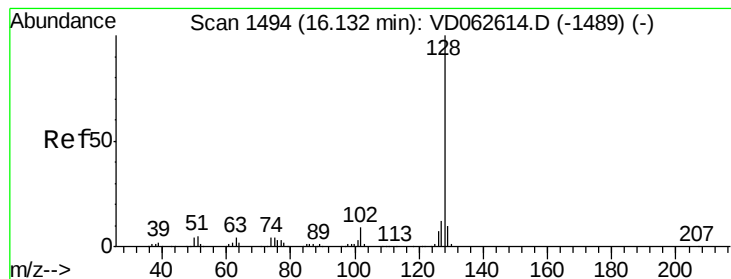
#94
 Hexachlorobutadiene
 Concen: 9.678 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VD062612.D
 Acq: 5 Jun 2019 14:46

Tgt Ion:225 Resp: 74927
 Ion Ratio Lower Upper
 225 100
 223 65.6 30.3 91.0
 227 62.5 32.4 97.0



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: 10.065 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

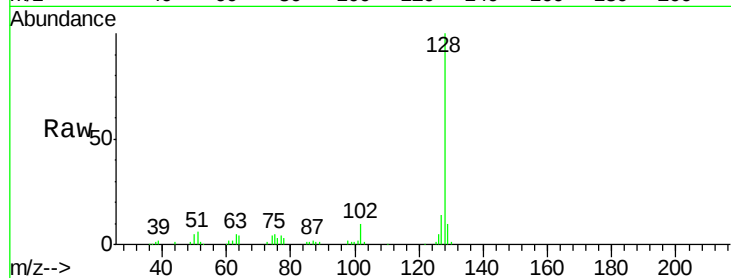
Tot Ion:128 Resp: 148760

Ion Ratio Lower Upper

128 100

127 13.7 9.4 14.2

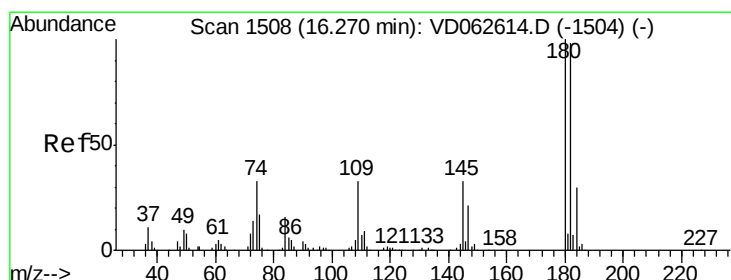
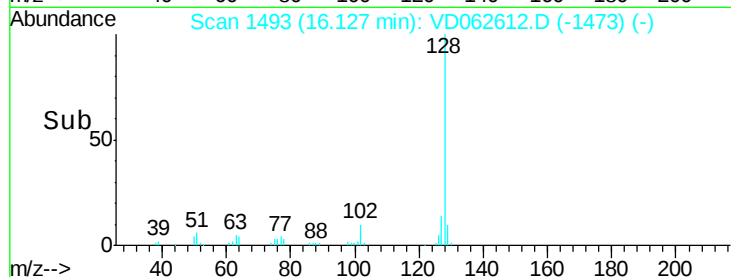
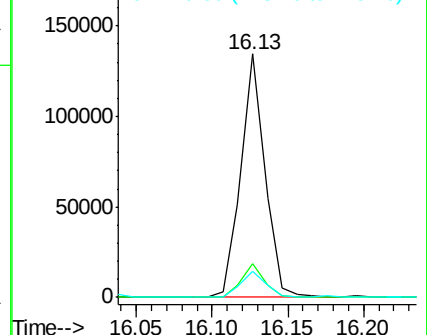
129 10.5 8.0 12.0



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: 9.804 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VD062612.D

Acq: 5 Jun 2019 14:46

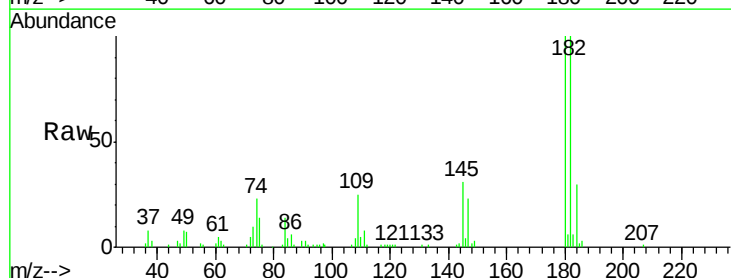
Tgt Ion:180 Resp: 77381

Ion Ratio Lower Upper

180 100

182 100.2 49.1 147.3

145 31.0 16.6 49.7



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

