

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042319\
 Data File : VD061963.D
 Acq On : 23 Apr 2019 11:00
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 23 12:20:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 12:18:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	657777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1033615	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	865446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	366260	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	50801	8.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	16.44%	
35) Dibromofluoromethane	6.93	113	77485	9.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.50%	
50) Toluene-d8	10.42	98	186306	10.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.00%	
62) 4-Bromofluorobenzene	13.57	95	73143	9.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.84%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.59	85	47852	7.541 ug/l	98
3) Chloromethane	1.76	50	45170	9.029 ug/l	99
4) Vinyl Chloride	1.85	62	40705	9.076 ug/l	98
5) Bromomethane	2.16	94	15357	11.107 ug/l	95
6) Chloroethane	2.28	64	16364	9.581 ug/l	98
7) Trichlorofluoromethane	2.54	101	60982	8.397 ug/l	100
8) Diethyl Ether	2.88	74	18245	9.582 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.17	101	57337	8.874 ug/l	89
10) Methyl Iodide	3.32	142	54352	5.692 ug/l	96
11) Tert butyl alcohol	4.06	59	14262	43.320 ug/l	99
12) 1,1-Dichloroethene	3.14	96	49939	9.542 ug/l	89
13) Acrolein	3.04	56	16686	69.429 ug/l	84
14) Allyl chloride	3.64	41	68326	8.935 ug/l	95
15) Acrylonitrile	4.21	53	46827	45.709 ug/l	98
16) Acetone	3.23	43	55092	48.096 ug/l	96
17) Carbon Disulfide	3.39	76	134817	8.683 ug/l	95
18) Methyl Acetate	3.64	43	22986	7.946 ug/l	97
19) Methyl tert-butyl Ether	4.25	73	110159	9.121 ug/l #	89
20) Methylene Chloride	3.82	84	79175	10.756 ug/l	96
21) trans-1,2-Dichloroethene	4.23	96	64404	10.095 ug/l	98
22) Diisopropyl ether	5.13	45	174779	9.252 ug/l #	96
23) Vinyl Acetate	5.06	43	446063	44.339 ug/l	99
24) 1,1-Dichloroethane	4.99	63	100050	8.999 ug/l	98
25) 2-Butanone	6.08	43	70816	44.375 ug/l	98
26) 2,2-Dichloropropane	6.04	77	88108	9.600 ug/l	97
27) cis-1,2-Dichloroethene	6.05	96	71107	9.445 ug/l	94
28) Bromochloromethane	6.45	49	43101	9.836 ug/l	100
29) Tetrahydrofuran	6.47	42	36683	44.151 ug/l	98
30) Chloroform	6.68	83	115857	8.880 ug/l	99
31) Cyclohexane	6.96	56	68334	8.656 ug/l	95
32) 1,1,1-Trichloroethane	6.88	97	93337	8.182 ug/l	96
36) 1,1-Dichloropropene	7.16	75	81079	9.792 ug/l	96
37) Ethyl Acetate	6.20	43	35416	9.264 ug/l #	90
38) Carbon Tetrachloride	7.12	117	102887	9.732 ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042319\
 Data File : VD061963.D
 Acq On : 23 Apr 2019 11:00
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 23 12:20:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 12:18:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	73639	9.015	ug/l	98
40) Benzene	7.46	78	192752	9.262	ug/l	99
41) Methacrylonitrile	6.45	41	41410	9.151	ug/l	95
42) 1,2-Dichloroethane	7.59	62	68139	8.918	ug/l	99
43) Isopropyl Acetate	9.25	43	49345	8.859	ug/l	98
44) Trichloroethene	8.55	130	73837	9.550	ug/l	95
45) 1,2-Dichloropropane	8.95	63	47617	8.973	ug/l	96
46) Dibromomethane	9.07	93	34032	8.453	ug/l	96
47) Bromodichloromethane	9.39	83	83355	9.035	ug/l	95
48) Methyl methacrylate	9.13	41	26770	8.424	ug/l	99
49) 1,4-Dioxane	9.11	88	5677	172.878	ug/l	93
51) 4-Methyl-2-Pentanone	10.31	43	159785	44.903	ug/l	100
52) Toluene	10.52	92	127134	9.495	ug/l	97
53) t-1,3-Dichloropropene	10.93	75	73085	8.923	ug/l	95
54) cis-1,3-Dichloropropene	10.05	75	84825	8.914	ug/l	99
55) 1,1,2-Trichloroethane	11.21	97	42013	8.719	ug/l	96
56) Ethyl methacrylate	11.06	69	44634	8.720	ug/l	95
57) 1,3-Dichloropropane	11.42	76	65233	9.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	129873	52.884	ug/l	99
59) 2-Hexanone	11.54	43	107500	42.941	ug/l	97
60) Dibromochloromethane	11.70	129	67946	8.760	ug/l	100
61) 1,2-Dibromoethane	11.82	107	48643	8.425	ug/l	98
64) Tetrachloroethene	11.27	164	56854	9.022	ug/l	95
65) Chlorobenzene	12.41	112	167509	10.085	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	66572	9.709	ug/l	97
67) Ethyl Benzene	12.53	91	259973	10.309	ug/l	98
68) m/p-Xylenes	12.68	106	195343	20.250	ug/l	99
69) o-Xylene	13.06	106	89546	9.754	ug/l	94
70) Styrene	13.09	104	150021	9.443	ug/l	96
71) Bromoform	13.24	173	36099	8.530	ug/l	94
73) Isopropylbenzene	13.41	105	260495	11.153	ug/l	99
74) N-amyl acetate	13.27	43	59743	9.404	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.71	83	47823	9.499	ug/l	97
76) 1,2,3-Trichloropropane	13.75	75	46155	9.490	ug/l	97
77) Bromobenzene	13.68	156	66766	9.709	ug/l	88
78) n-propylbenzene	13.79	91	303507	10.947	ug/l	99
79) 2-Chlorotoluene	13.85	91	176427	10.648	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	212266	10.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	14129	9.826	ug/l	94
82) 4-Chlorotoluene	13.96	91	195618	10.478	ug/l	100
83) tert-Butylbenzene	14.20	119	227616	10.257	ug/l	98
84) 1,2,4-Trimethylbenzene	14.25	105	183558	9.574	ug/l	98
85) sec-Butylbenzene	14.38	105	231713	9.701	ug/l	100
86) p-Isopropyltoluene	14.50	119	234521	10.724	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	130735	10.513	ug/l	99
88) 1,4-Dichlorobenzene	14.55	146	113328	9.666	ug/l	94
89) n-Butylbenzene	14.81	91	209118	10.509	ug/l	96
90) Hexachloroethane	15.02	117	58664	9.605	ug/l	94
91) 1,2-Dichlorobenzene	14.82	146	106808	10.017	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.39	75	5774	8.606	ug/l	76

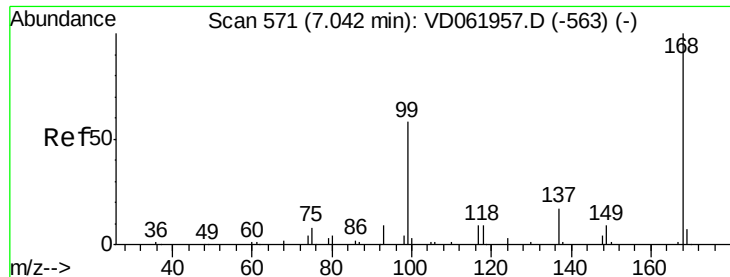
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD042319\
Data File : VD061963.D
Acq On : 23 Apr 2019 11:00
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Quant Time: Apr 23 12:20:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 12:18:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	51264	9.589	ug/l	98
94) Hexachlorobutadiene	16.05	225	36061	9.265	ug/l	91
95) Naphthalene	16.14	128	83839	9.766	ug/l	98
96) 1,2,3-Trichlorobenzene	16.29	180	27798	9.347	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

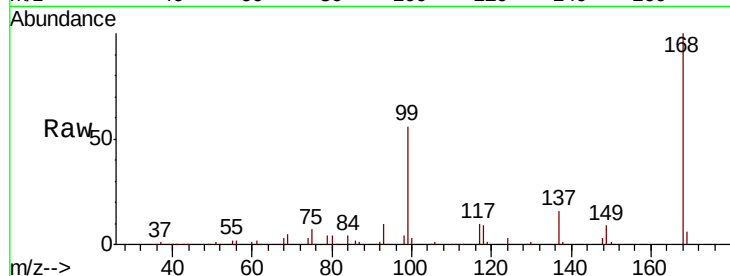
VSTDIC010

Tgt Ion:168 Resp: 657777

Ion Ratio Lower Upper

168 100

99 55.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

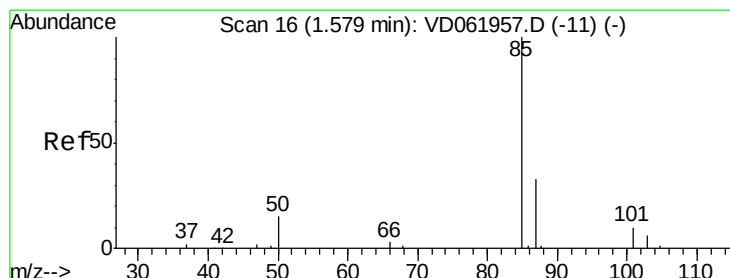
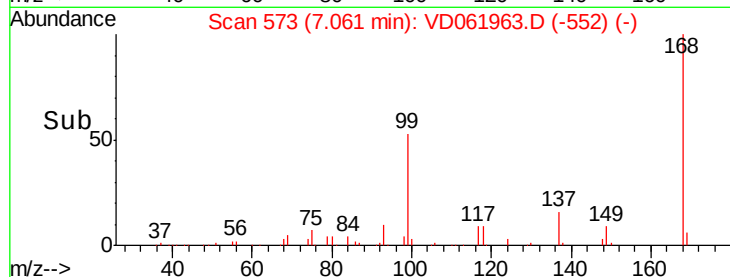
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 7.541 ug/l

RT: 1.59 min Scan# 17

Delta R.T. -0.00 min

Lab File: VD061963.D

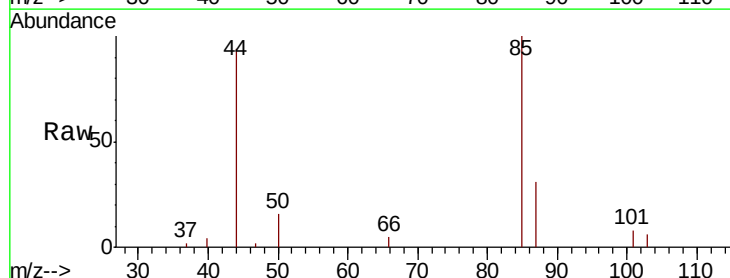
Acq: 23 Apr 2019 11:00

Tgt Ion: 85 Resp: 47852

Ion Ratio Lower Upper

85 100

87 31.3 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

25000

20000

15000

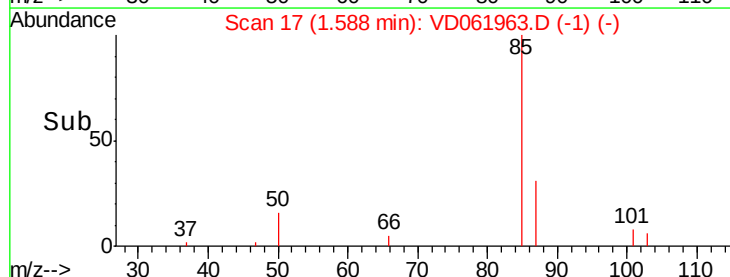
10000

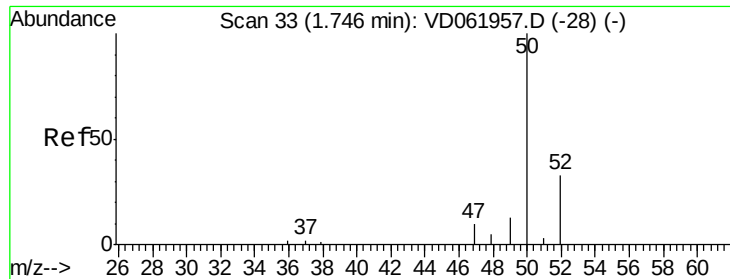
5000

0

1.50 1.60 1.70

Time-->





#3

Chloromethane

Concen: 9.029 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

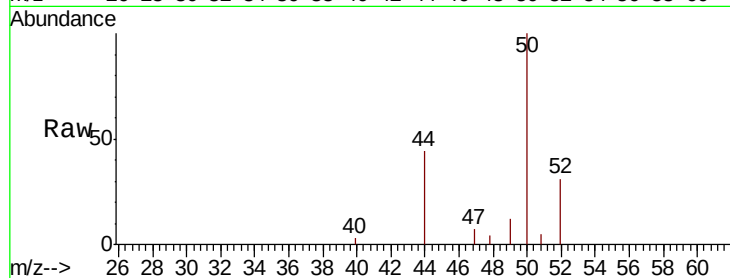
VSTDIC010

Tgt Ion: 50 Resp: 45170

Ion Ratio Lower Upper

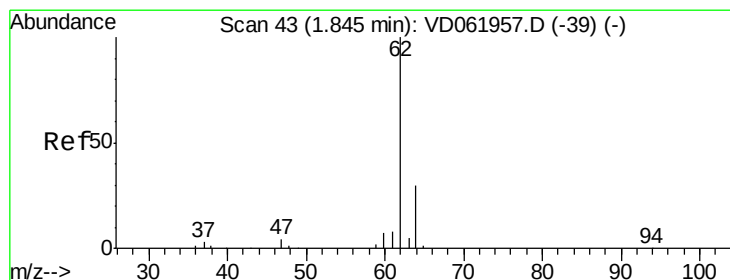
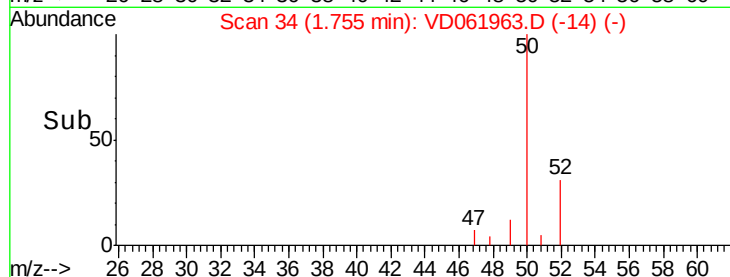
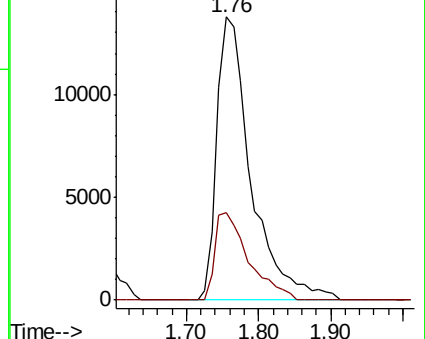
50 100

52 30.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 9.076 ug/l

RT: 1.85 min Scan# 44

Delta R.T. -0.00 min

Lab File: VD061963.D

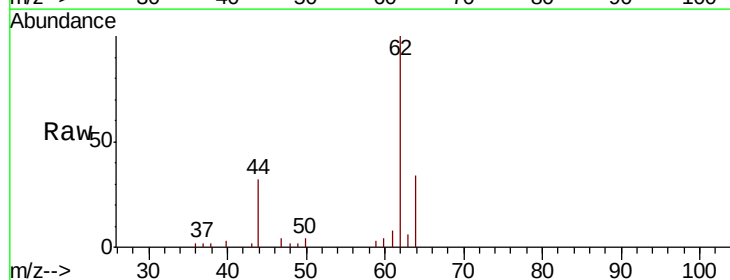
Acq: 23 Apr 2019 11:00

Tgt Ion: 62 Resp: 40705

Ion Ratio Lower Upper

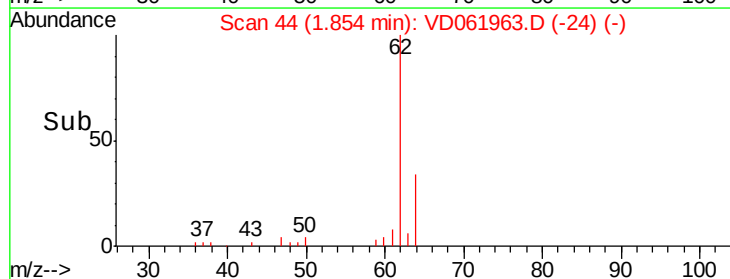
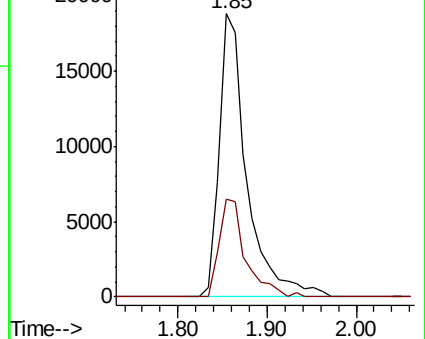
62 100

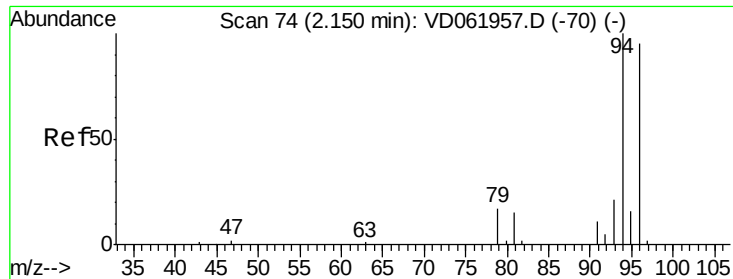
64 34.5 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 11.107 ug/l

RT: 2.16 min Scan# 75

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

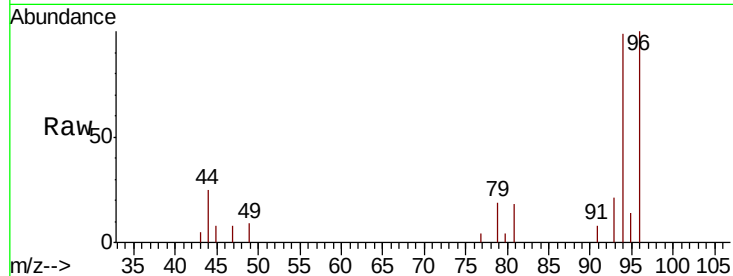
Tgt Ion: 94 Resp: 15357

Ion Ratio Lower Upper

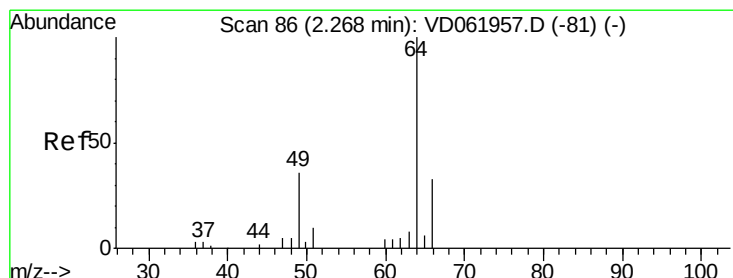
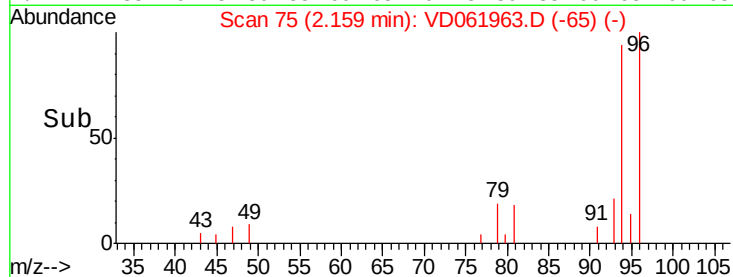
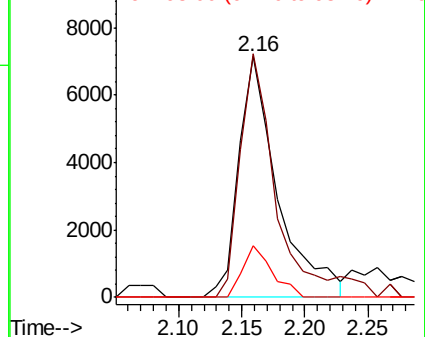
94 100

96 101.2 76.6 115.0

93 21.6 18.5 27.7



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



#6

Chloroethane

Concen: 9.581 ug/l

RT: 2.28 min Scan# 87

Delta R.T. -0.00 min

Lab File: VD061963.D

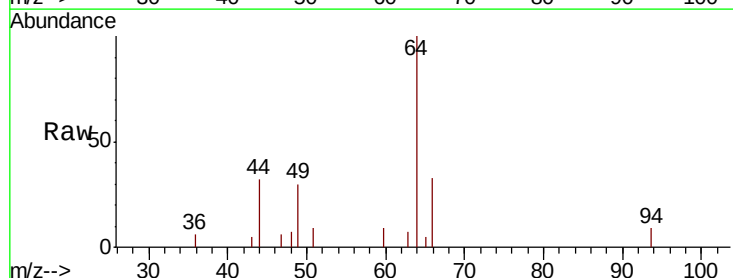
Acq: 23 Apr 2019 11:00

Tgt Ion: 64 Resp: 16364

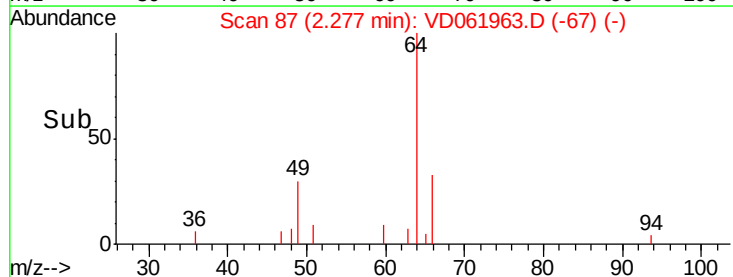
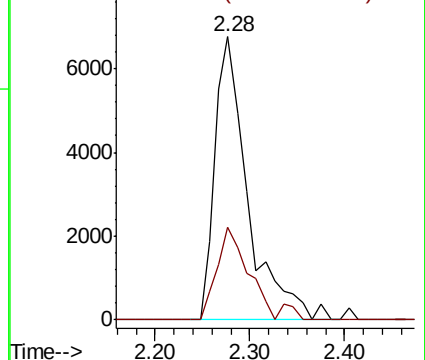
Ion Ratio Lower Upper

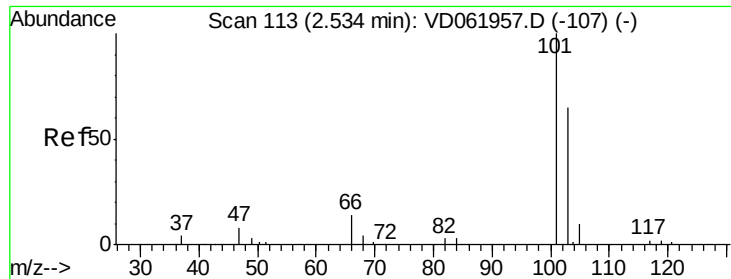
64 100

66 32.9 25.6 38.4



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



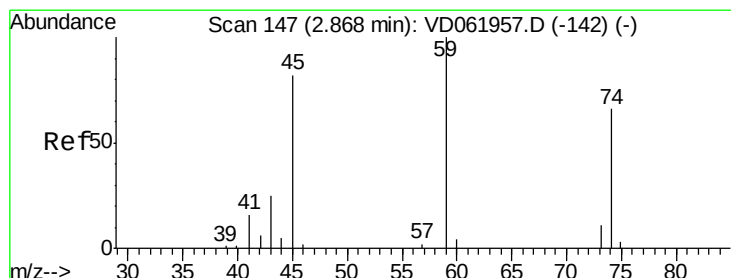
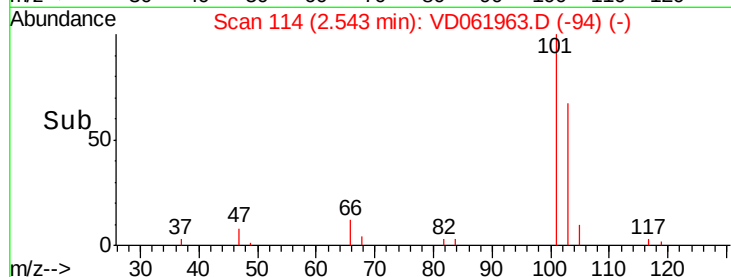
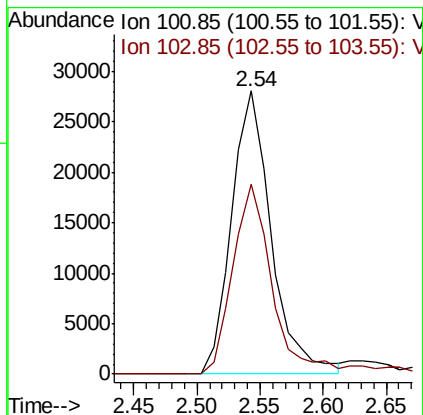
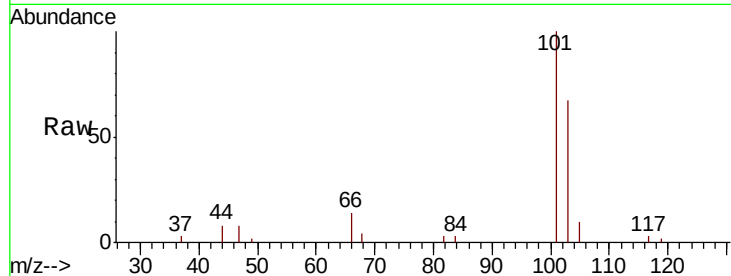


#7

Trichlorofluoromethane
Concen: 8.397 ug/l
RT: 2.54 min Scan# 114
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

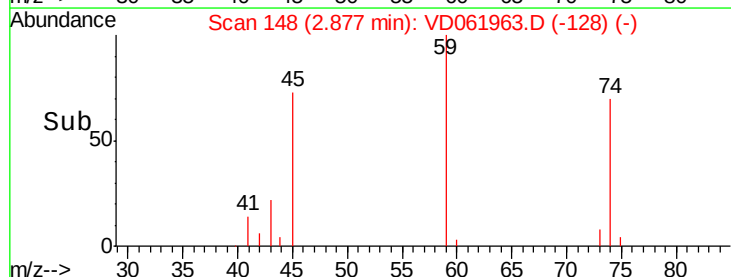
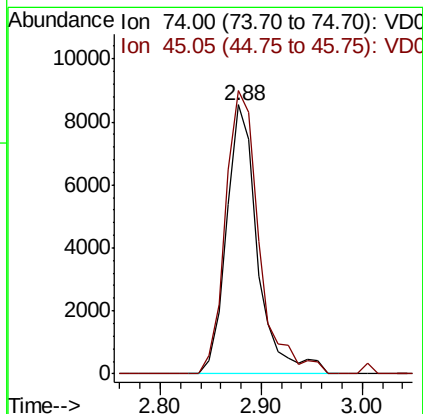
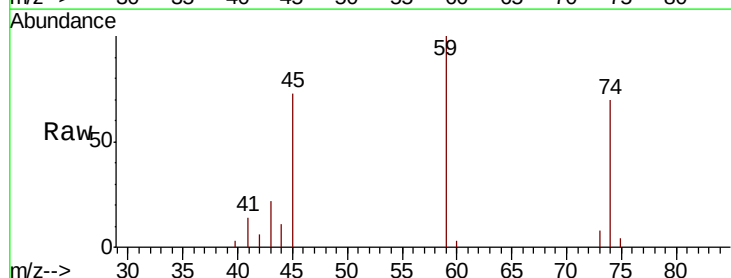
Tgt Ion: 101 Resp: 60982
Ion Ratio Lower Upper
101 100
103 67.3 53.6 80.4

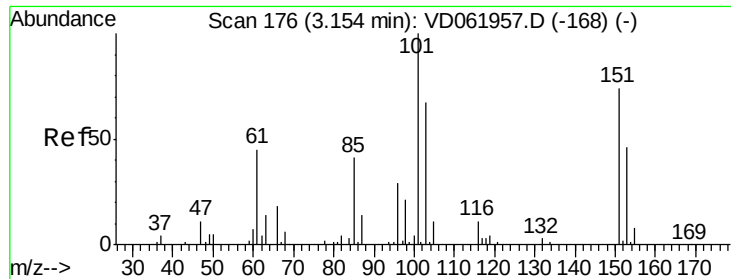


#8

Diethyl Ether
Concen: 9.582 ug/l
RT: 2.88 min Scan# 148
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion: 74 Resp: 18245
Ion Ratio Lower Upper
74 100
45 105.3 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.874 ug/l

RT: 3.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

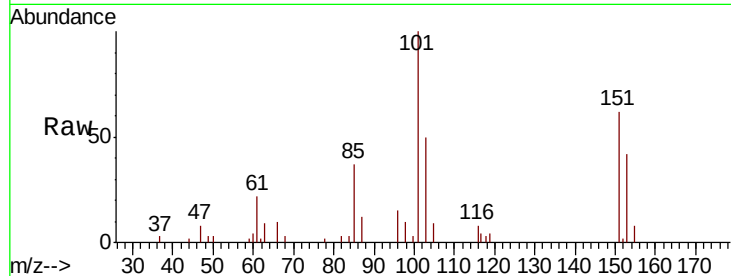
Tgt Ion:101 Resp: 57337

Ion Ratio Lower Upper

101 100

85 37.5 32.4 48.6

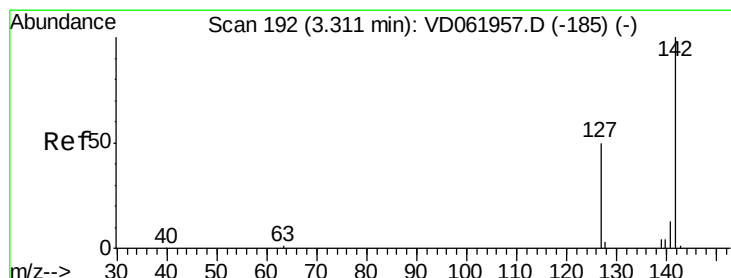
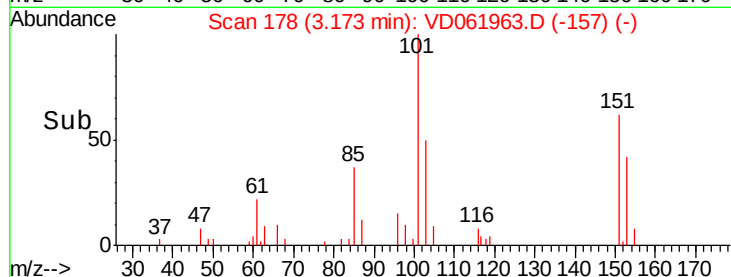
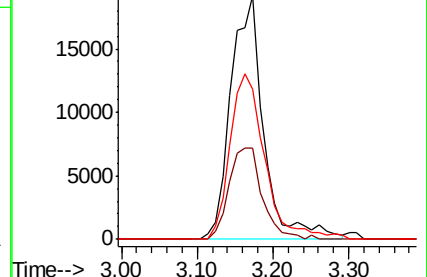
151 61.7 59.4 89.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 5.692 ug/l

RT: 3.32 min Scan# 193

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

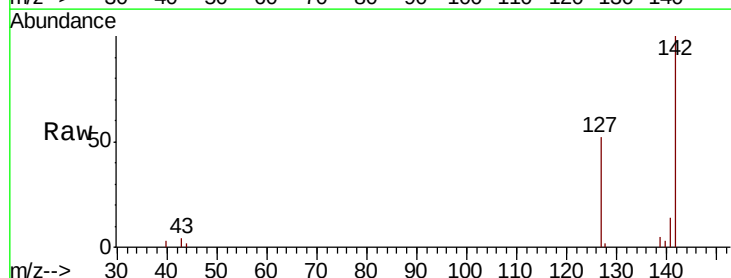
Tgt Ion:142 Resp: 54352

Ion Ratio Lower Upper

142 100

127 52.3 38.8 58.2

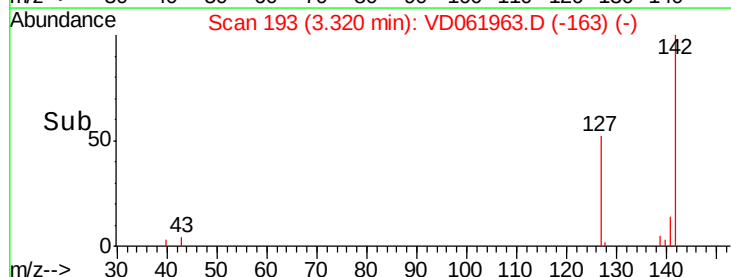
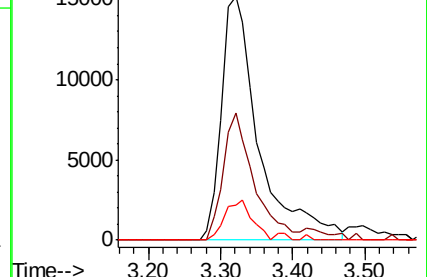
141 14.1 11.4 17.0

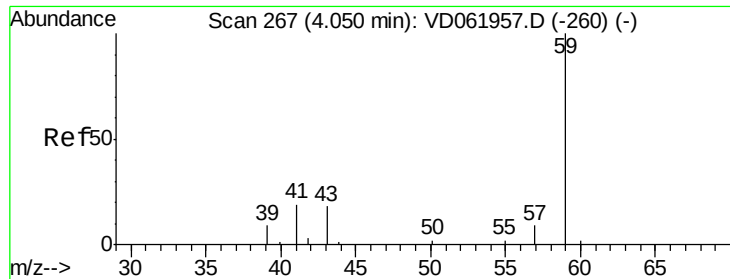


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

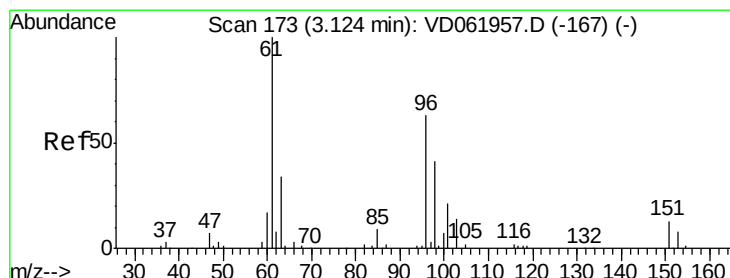
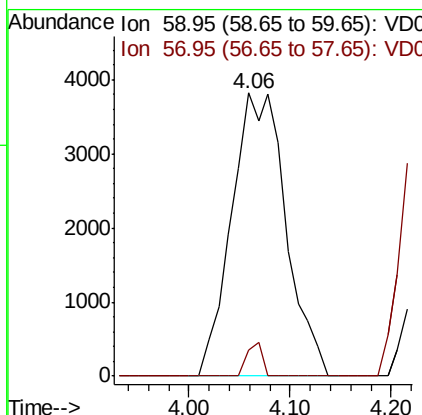
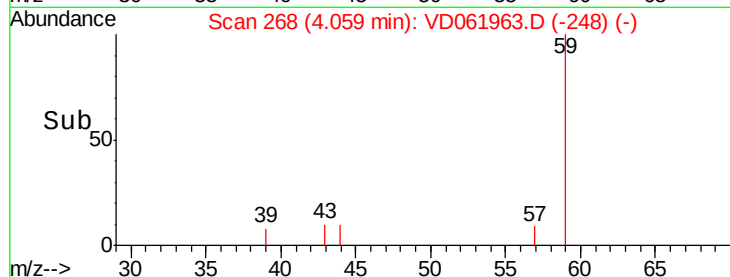
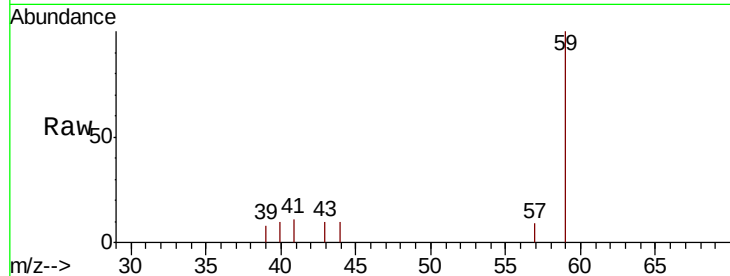




#11
Tert butyl alcohol
Concen: 43.320 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

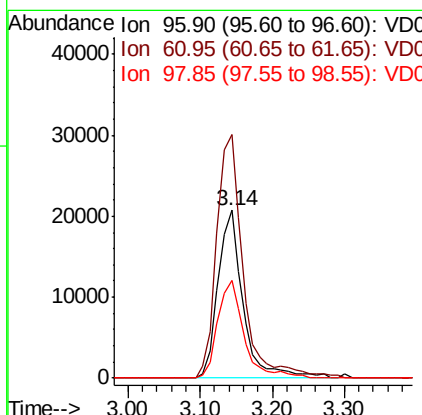
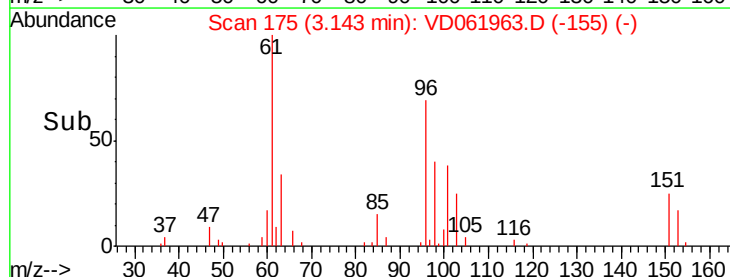
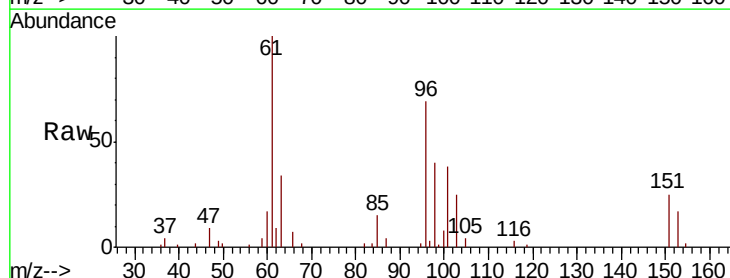
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

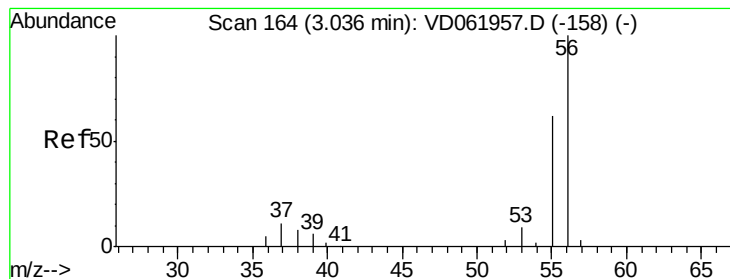
Tgt Ion: 59 Resp: 14262
Ion Ratio Lower Upper
59 100
57 9.0 6.9 10.3



#12
1,1-Dichloroethene
Concen: 9.542 ug/l
RT: 3.14 min Scan# 175
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion: 96 Resp: 49939
Ion Ratio Lower Upper
96 100
61 145.2 129.8 194.8
98 58.0 51.2 76.8





#13

Acrolein

Concen: 69.429 ug/l

RT: 3.04 min Scan# 165

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

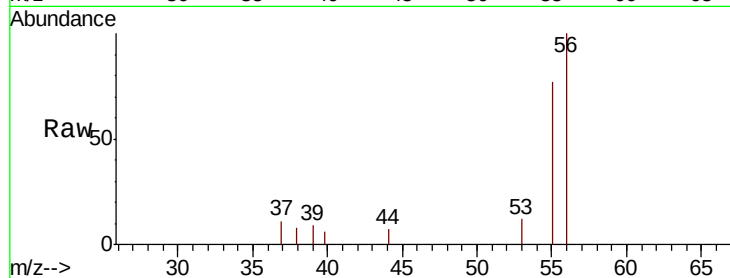
VSTDIC010

Tgt Ion: 56 Resp: 16686

Ion Ratio Lower Upper

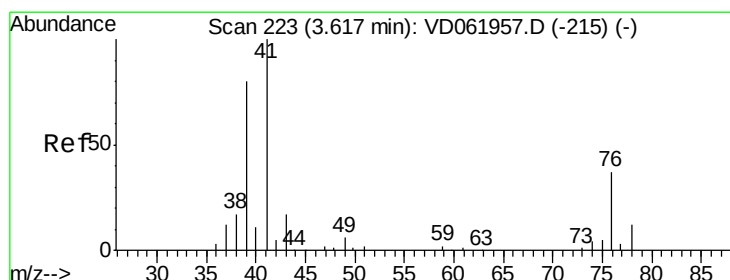
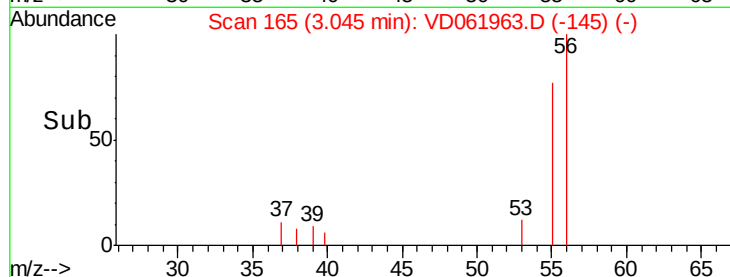
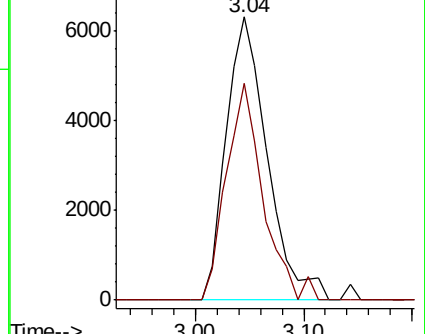
56 100

55 76.5 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 8.935 ug/l

RT: 3.64 min Scan# 225

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

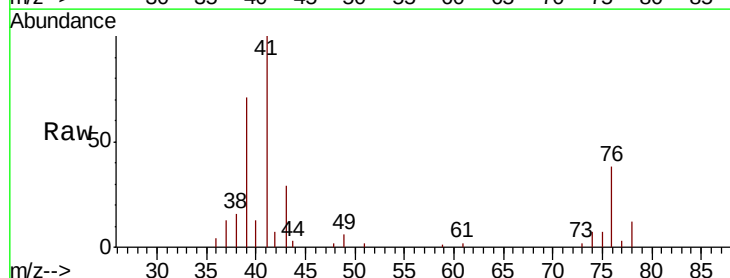
Tgt Ion: 41 Resp: 68326

Ion Ratio Lower Upper

41 100

39 70.9 60.5 90.7

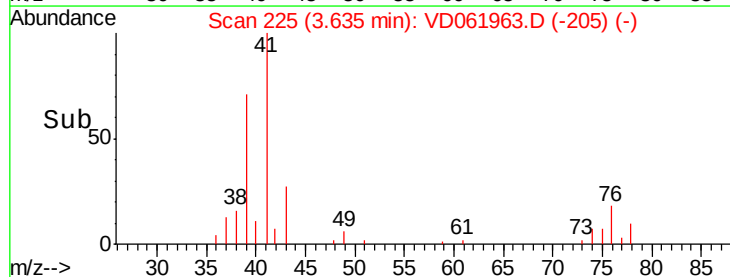
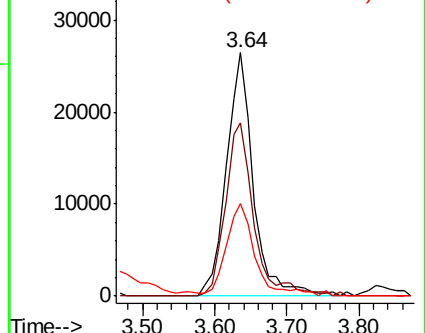
76 37.8 31.8 47.8

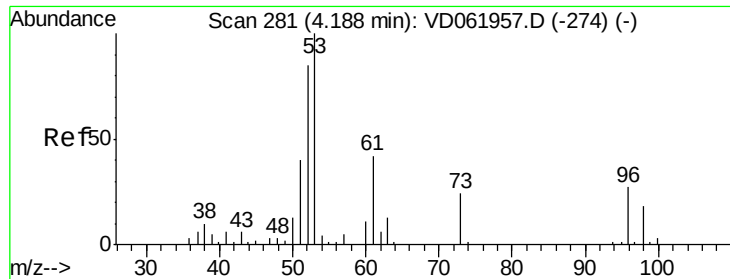


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 45.709 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

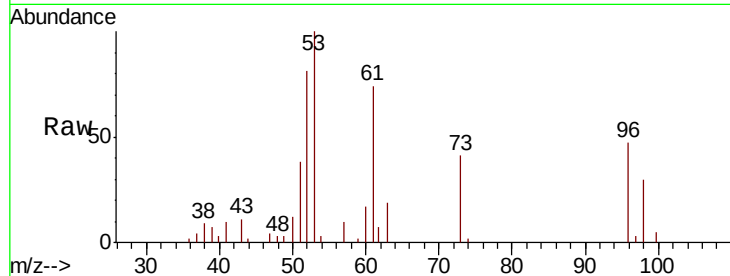
Tgt Ion: 53 Resp: 46827

Ion Ratio Lower Upper

53 100

52 80.6 65.0 97.4

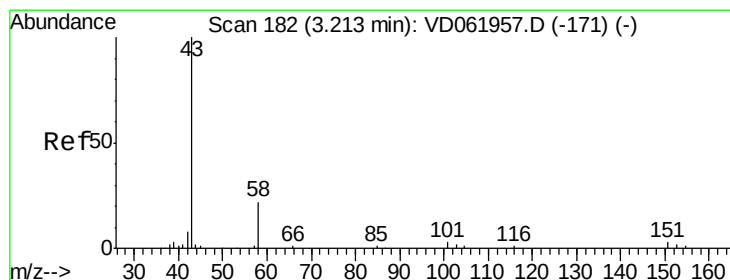
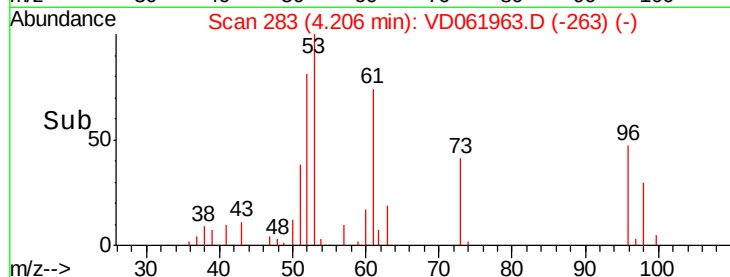
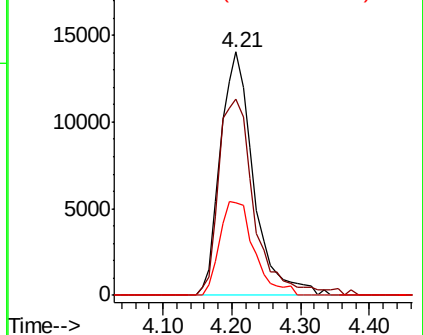
51 38.3 32.6 48.8



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 48.096 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061963.D

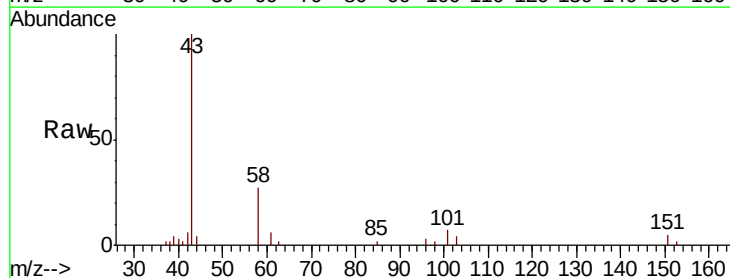
Acq: 23 Apr 2019 11:00

Tgt Ion: 43 Resp: 55092

Ion Ratio Lower Upper

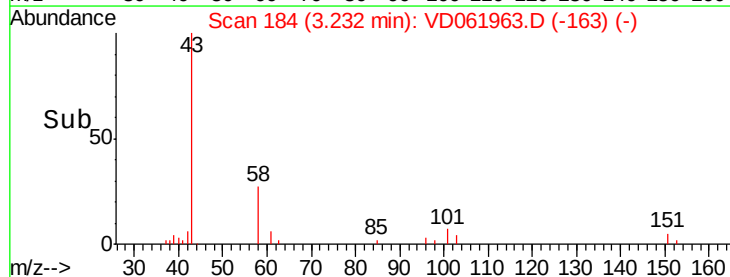
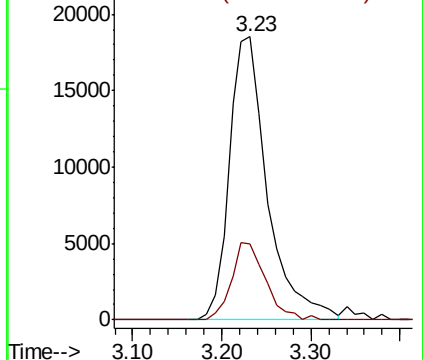
43 100

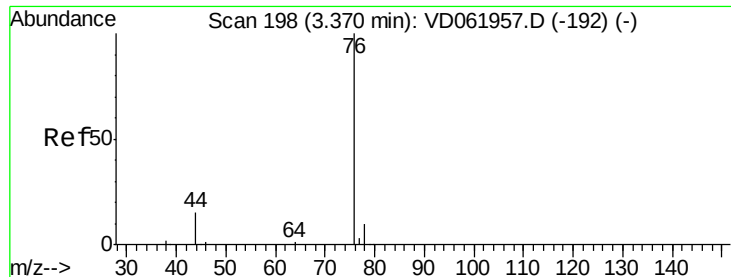
58 26.9 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 8.683 ug/l

RT: 3.39 min Scan# 200

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

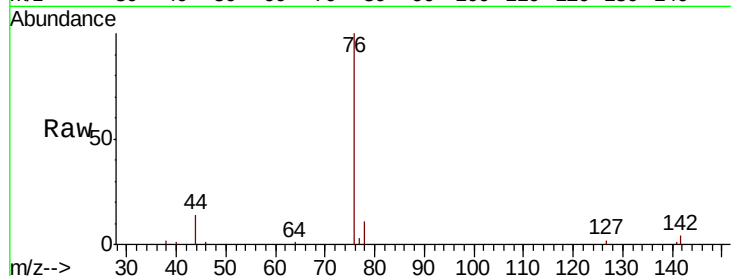
VSTDIC010

Tgt Ion: 76 Resp: 134817

Ion Ratio Lower Upper

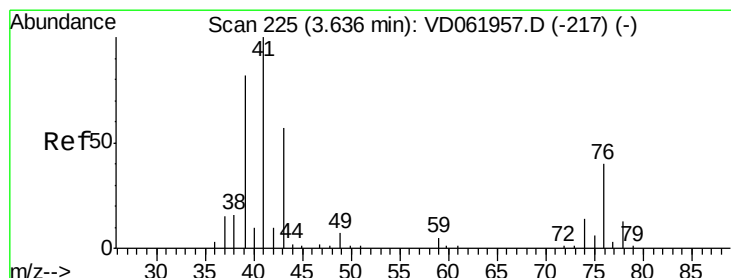
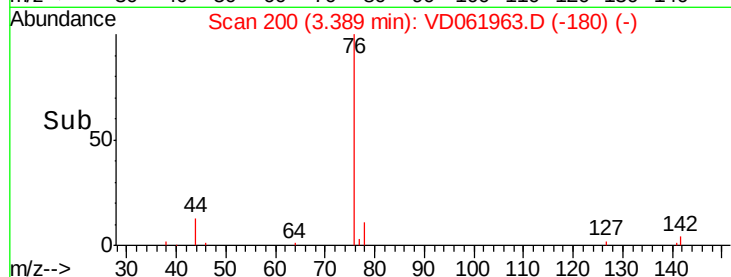
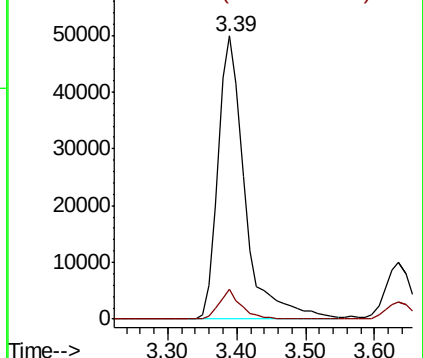
76 100

78 10.7 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 7.946 ug/l

RT: 3.64 min Scan# 225

Delta R.T. -0.01 min

Lab File: VD061963.D

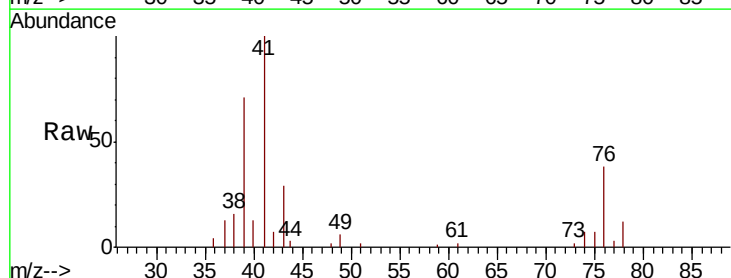
Acq: 23 Apr 2019 11:00

Tgt Ion: 43 Resp: 22986

Ion Ratio Lower Upper

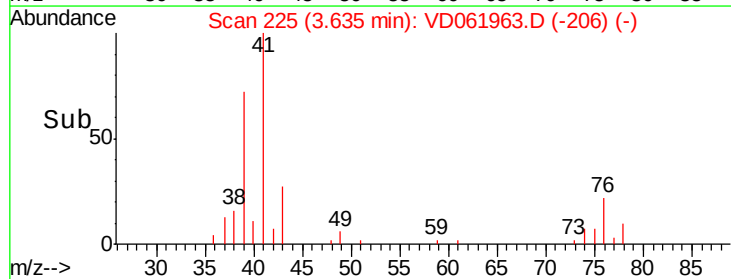
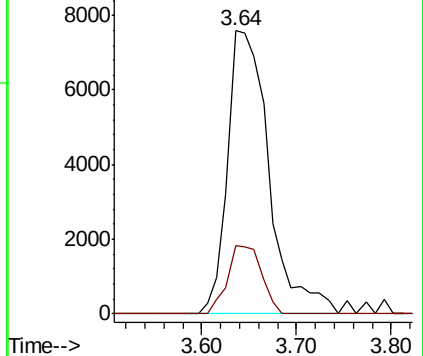
43 100

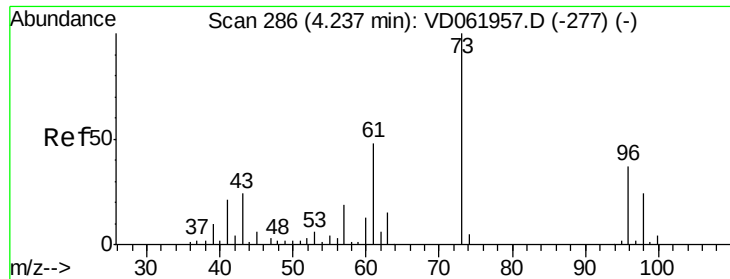
74 24.1 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

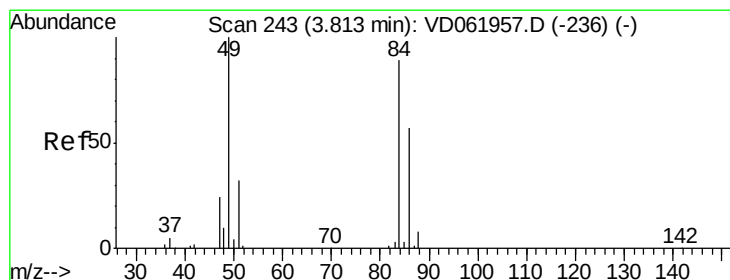
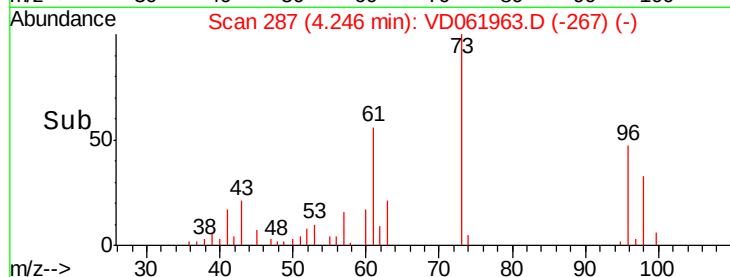
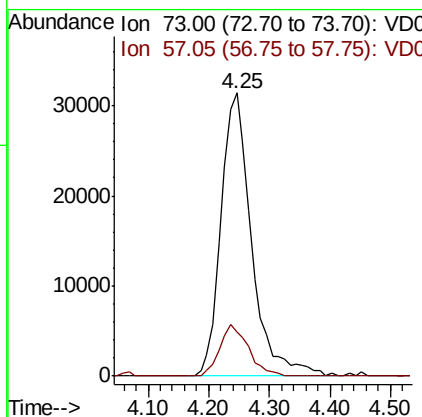
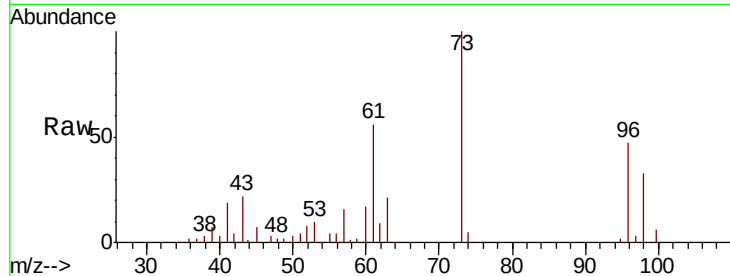




#19
Methyl tert-butyl Ether
Concen: 9.121 ug/l
RT: 4.25 min Scan# 287
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

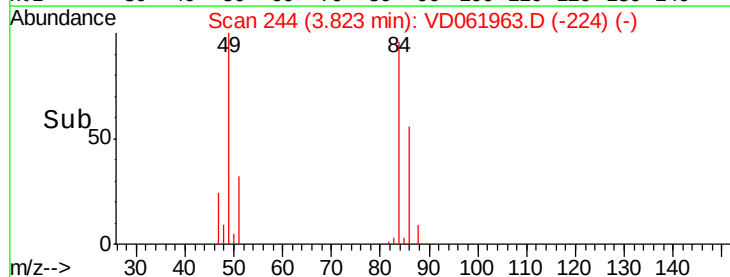
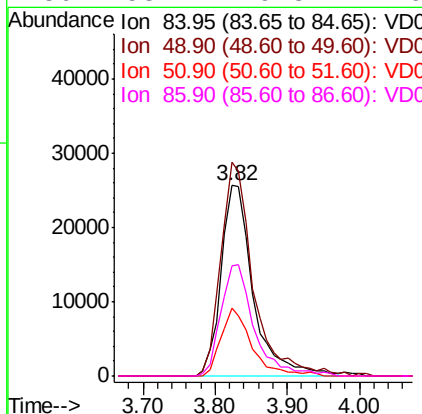
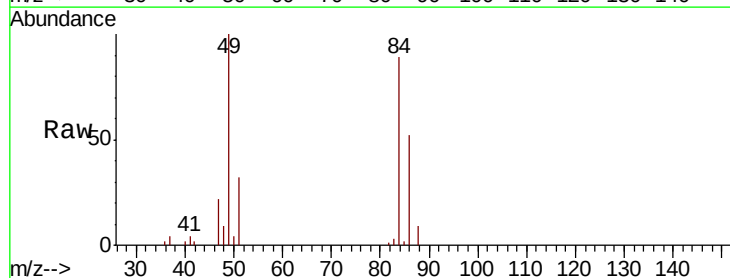
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

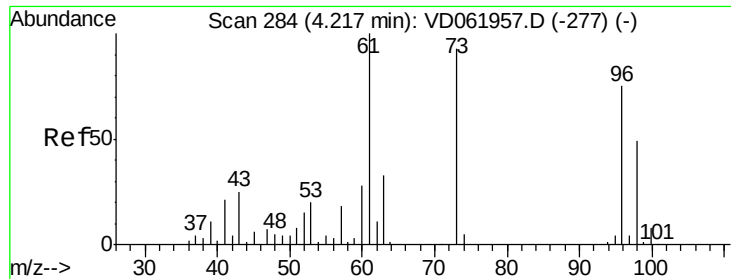
Tgt Ion: 73 Resp: 110159
Ion Ratio Lower Upper
73 100
57 15.5 16.3 24.5#



#20
Methylene Chloride
Concen: 10.756 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion: 84 Resp: 79175
Ion Ratio Lower Upper
84 100
49 112.3 94.0 141.0
51 35.8 29.0 43.4
86 58.2 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 10.095 ug/l

RT: 4.23 min Scan# 285

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

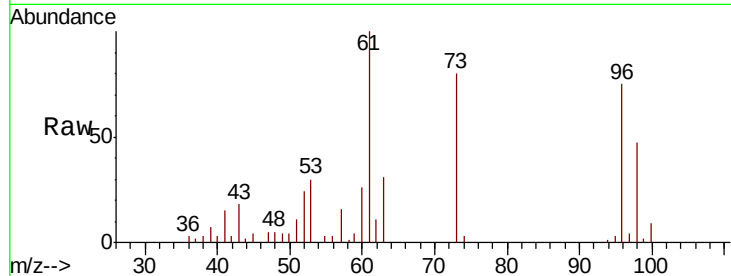
Tgt Ion: 96 Resp: 64404

Ion Ratio Lower Upper

96 100

61 133.0 104.4 156.6

98 62.8 51.8 77.8

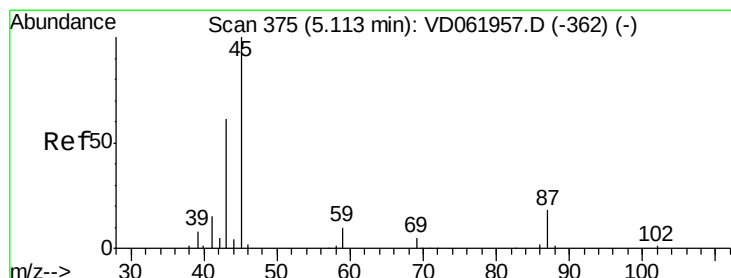
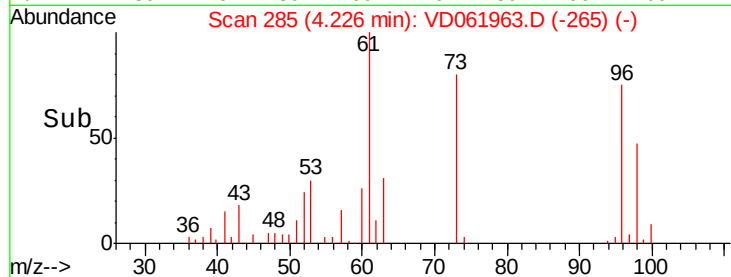
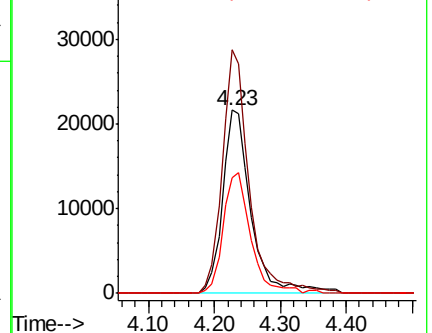


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 9.252 ug/l

RT: 5.13 min Scan# 377

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Tgt Ion: 45 Resp: 174779

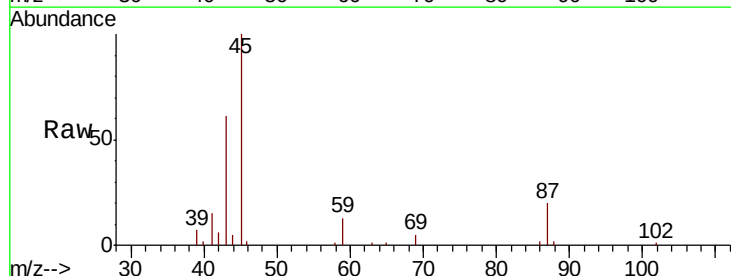
Ion Ratio Lower Upper

45 100

43 61.1 46.2 69.2

87 19.7 15.9 23.9

59 12.5 7.9 11.9#



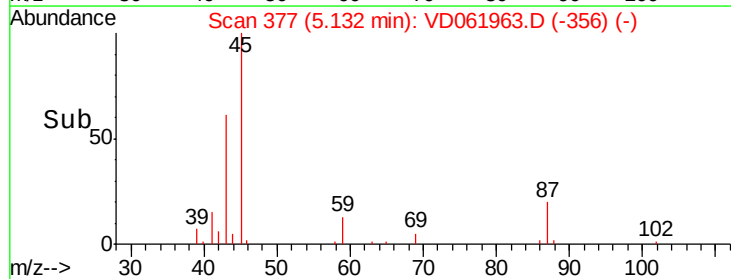
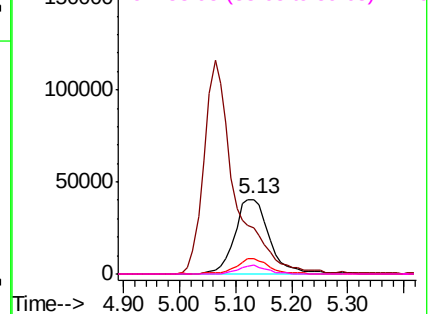
Abundance

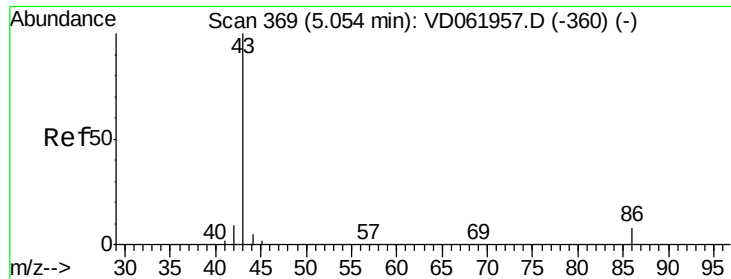
Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 44.339 ug/l

RT: 5.06 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

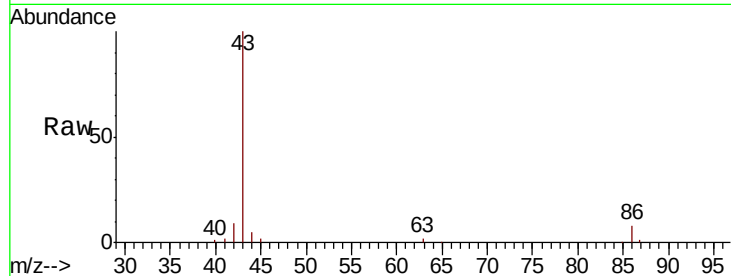
VSTDIC010

Tgt Ion: 43 Resp: 446063

Ion Ratio Lower Upper

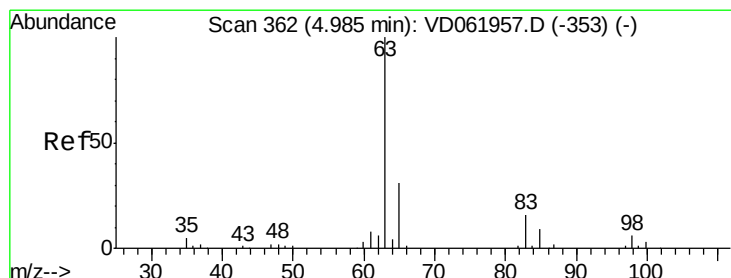
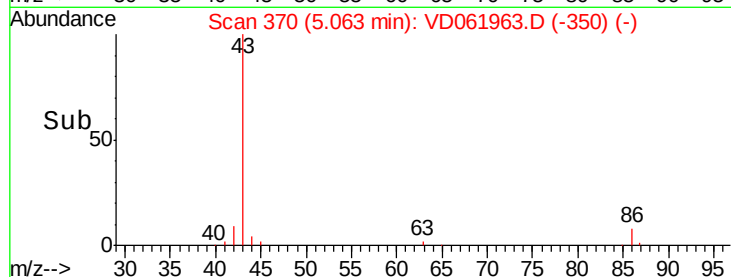
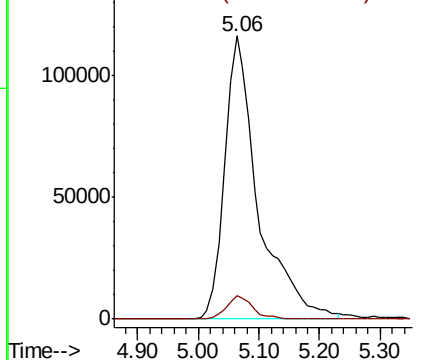
43 100

86 8.2 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 8.999 ug/l

RT: 4.99 min Scan# 363

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

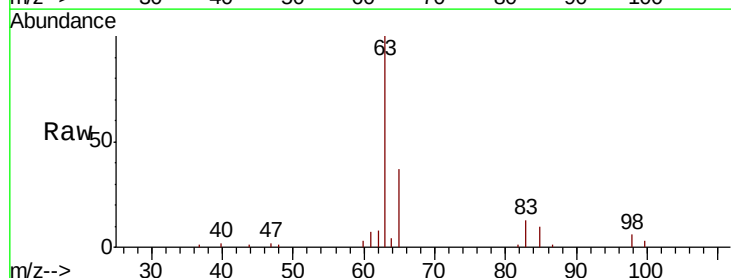
Tgt Ion: 63 Resp: 100050

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

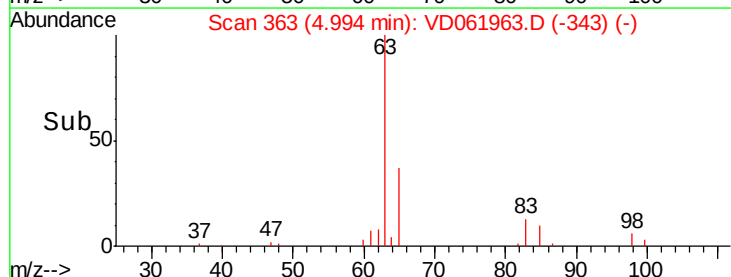
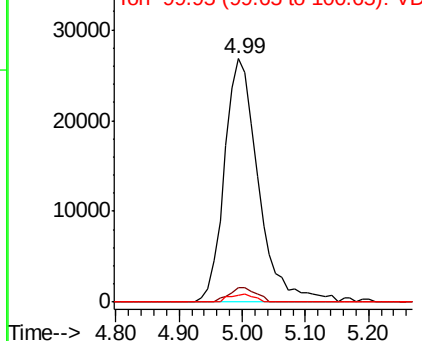
100 2.7 1.8 5.5

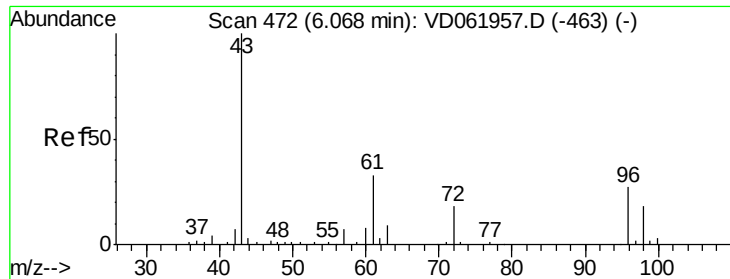


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 44.375 ug/l

RT: 6.08 min Scan# 473

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

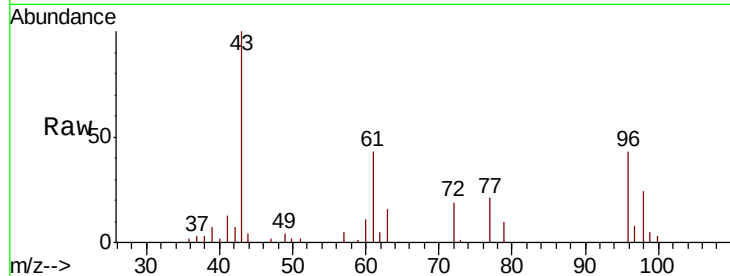
VSTDIC010

Tgt Ion: 43 Resp: 70816

Ion Ratio Lower Upper

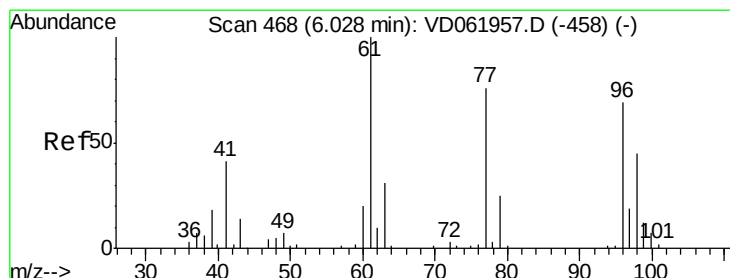
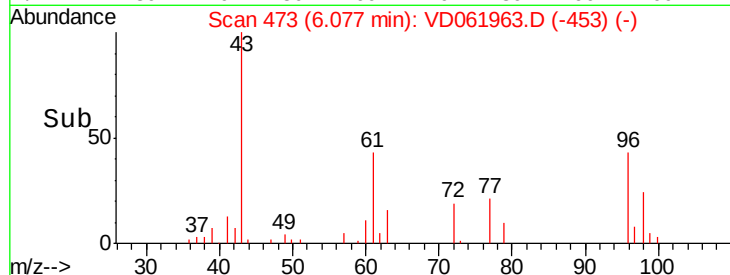
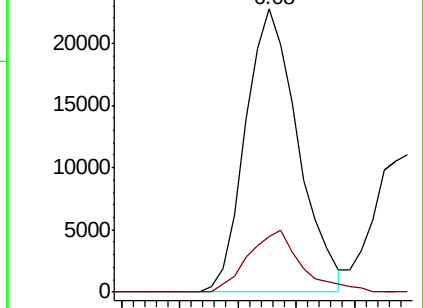
43 100

72 19.5 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 9.600 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.01 min

Lab File: VD061963.D

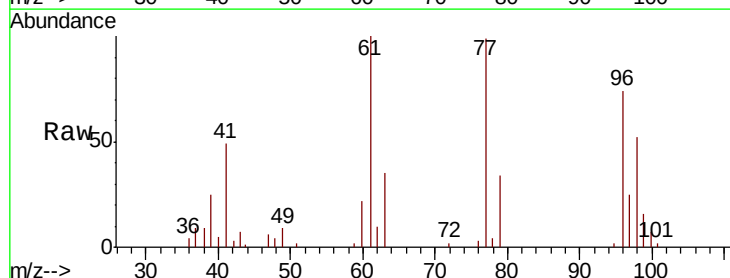
Acq: 23 Apr 2019 11:00

Tgt Ion: 77 Resp: 88108

Ion Ratio Lower Upper

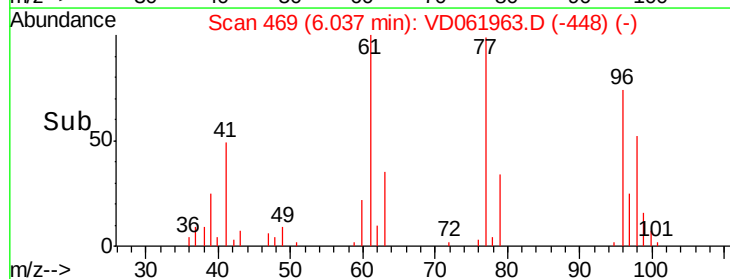
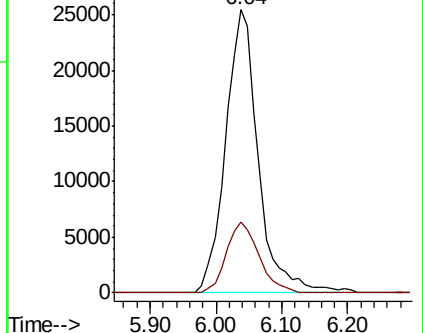
77 100

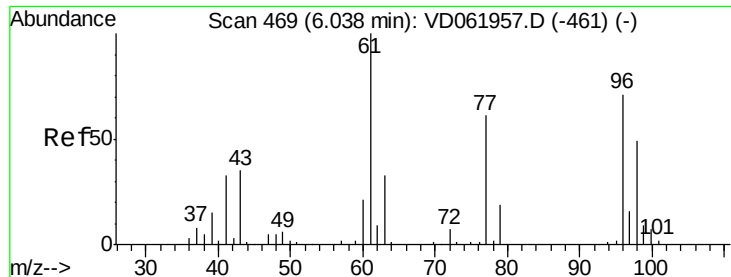
97 25.2 11.9 35.9



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: 9.445 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

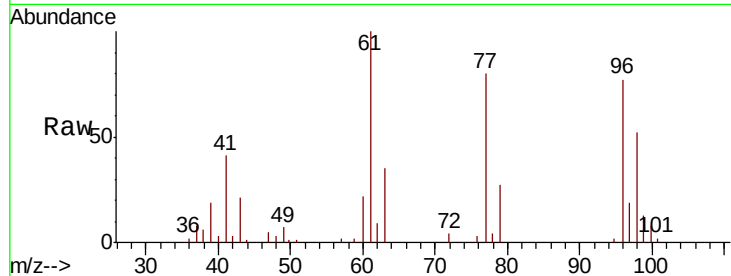
Tgt Ion: 96 Resp: 71107

Ion Ratio Lower Upper

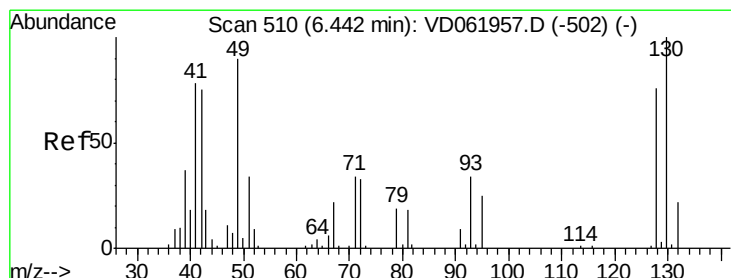
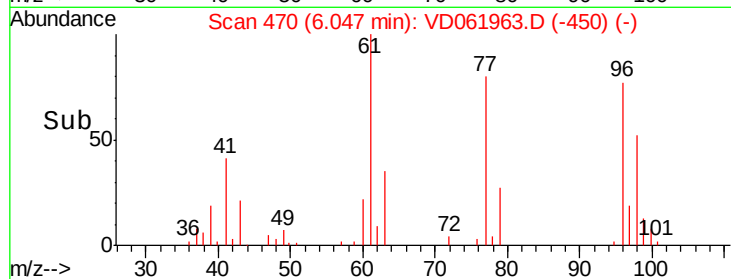
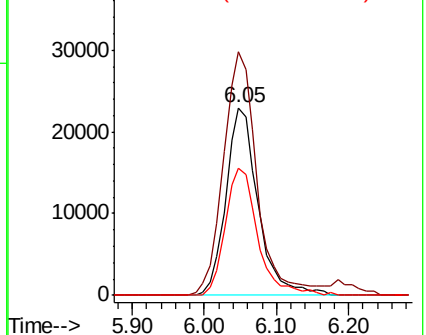
96 100

61 129.9 0.0 279.8

98 67.6 0.0 136.0



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



#28

Bromochloromethane

Concen: 9.836 ug/l

RT: 6.45 min Scan# 511

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

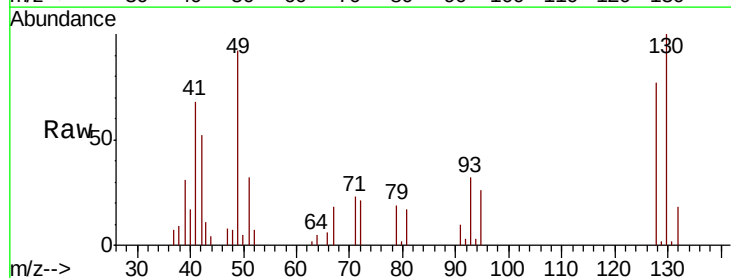
Tgt Ion: 49 Resp: 43101

Ion Ratio Lower Upper

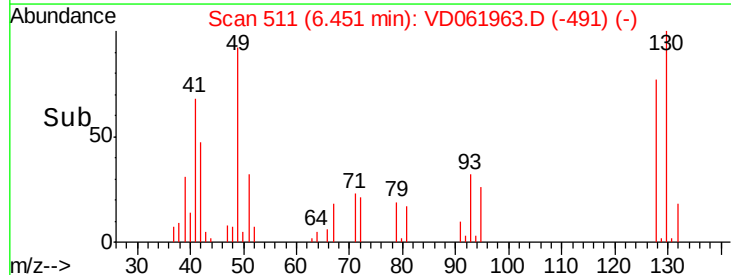
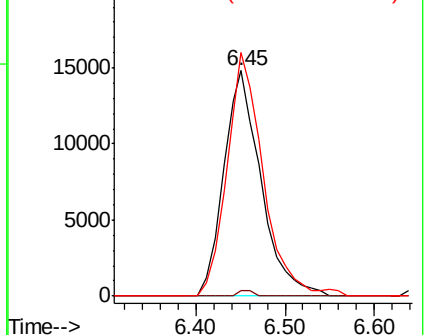
49 100

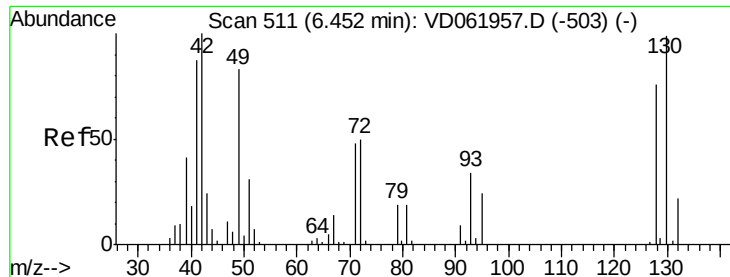
129 2.3 0.0 6.6

130 108.2 86.7 130.1



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

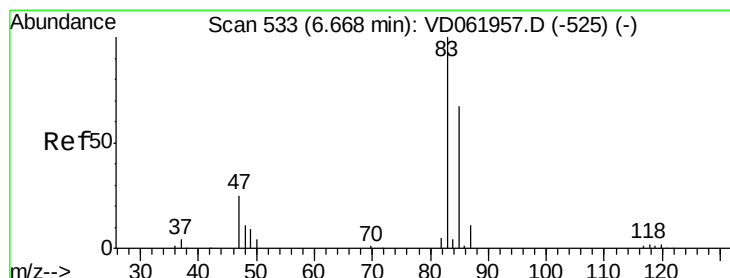
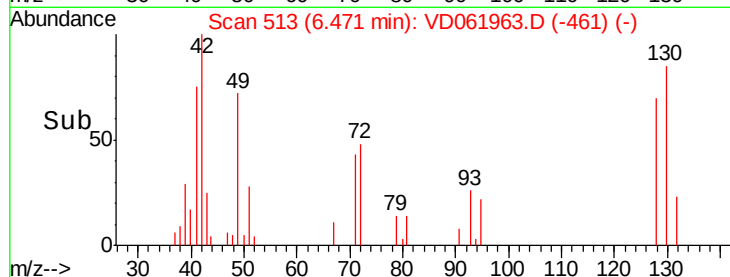
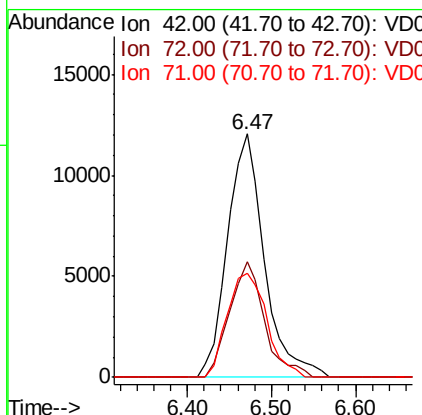
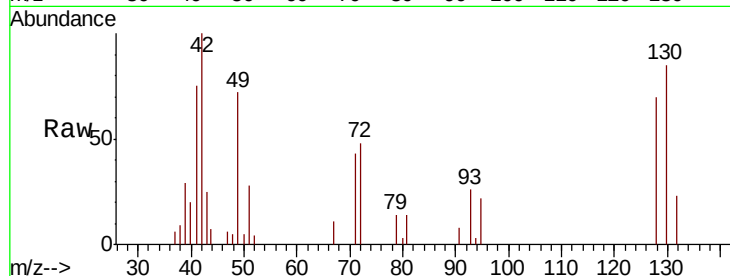




#29
Tetrahydrofuran
Concen: 44.151 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

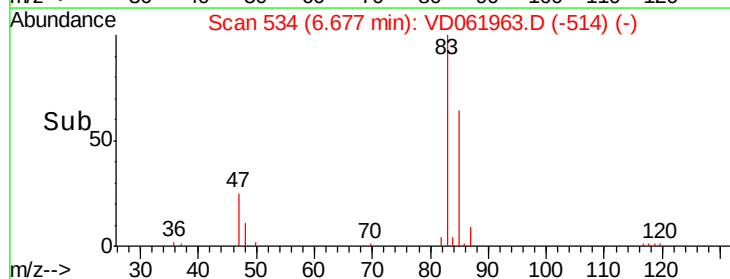
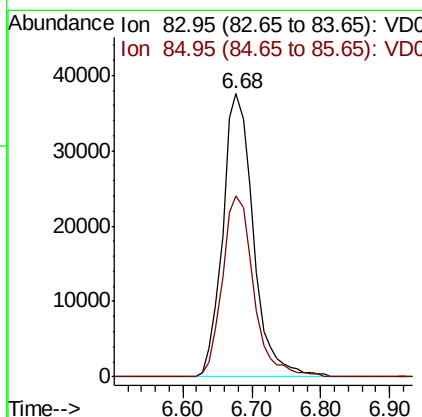
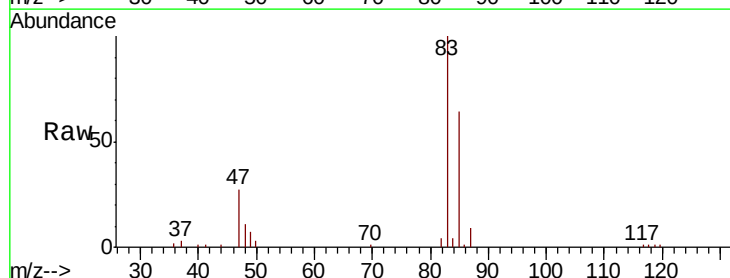
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

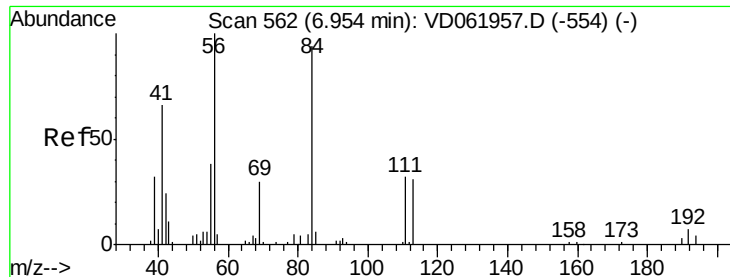
Tgt Ion: 42 Resp: 36683
Ion Ratio Lower Upper
42 100
72 45.1 37.8 56.6
71 45.8 36.7 55.1



#30
Chloroform
Concen: 8.880 ug/l
RT: 6.68 min Scan# 534
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion: 83 Resp: 115857
Ion Ratio Lower Upper
83 100
85 63.8 51.7 77.5

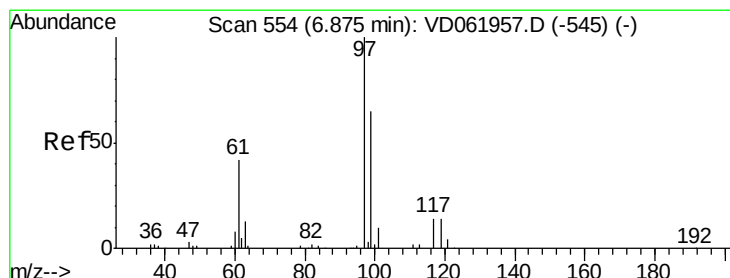
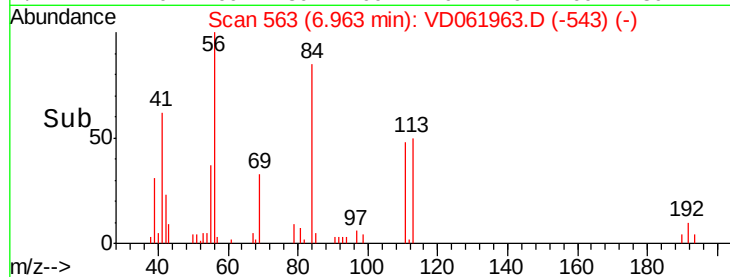
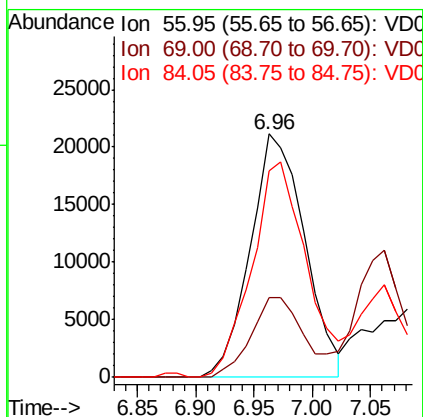
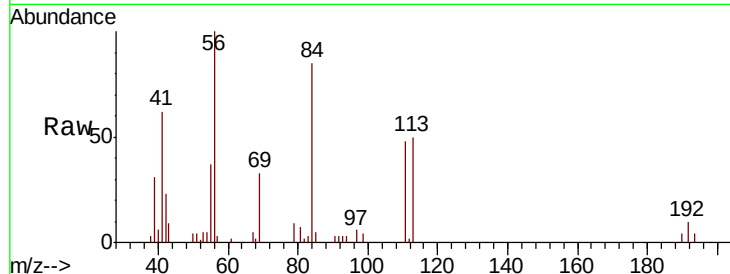




#31
Cyclohexane
Concen: 8.656 ug/l
RT: 6.96 min Scan# 563
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

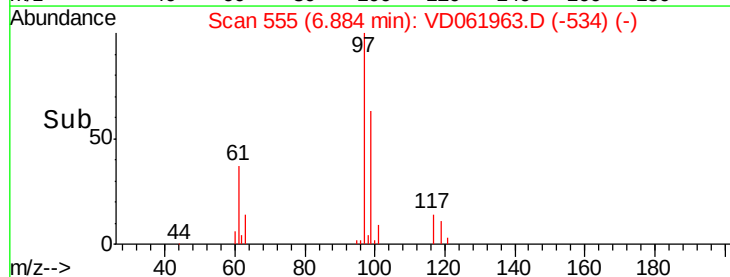
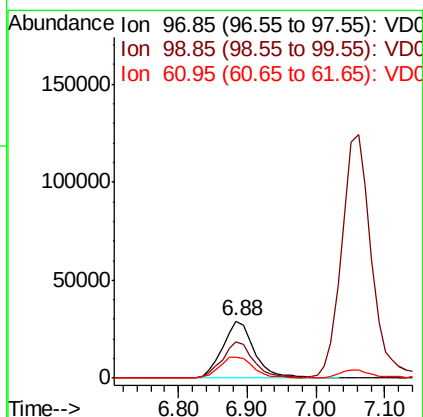
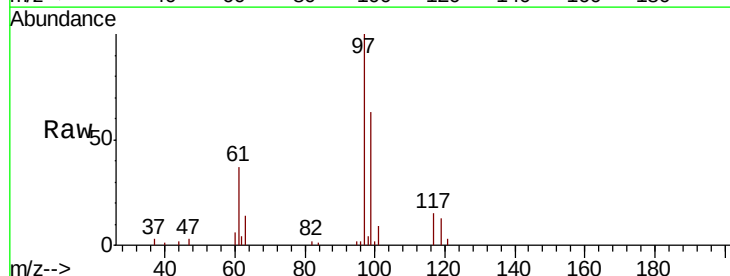
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

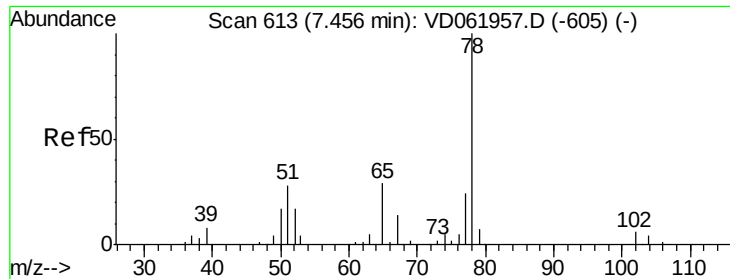
Tgt Ion: 56 Resp: 68334
Ion Ratio Lower Upper
56 100
69 32.7 25.8 38.6
84 84.7 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 8.182 ug/l
RT: 6.88 min Scan# 555
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion: 97 Resp: 93337
Ion Ratio Lower Upper
97 100
99 62.8 52.2 78.2
61 36.7 32.4 48.6

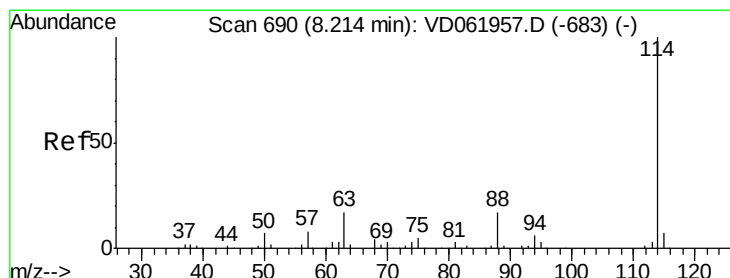
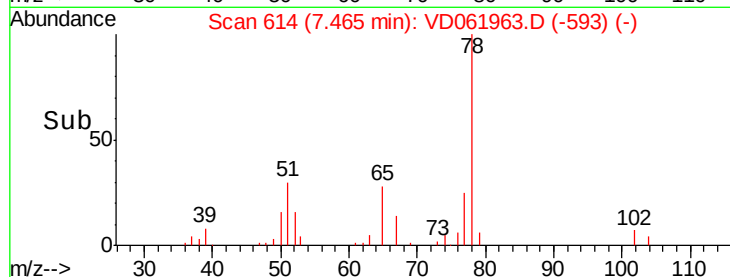
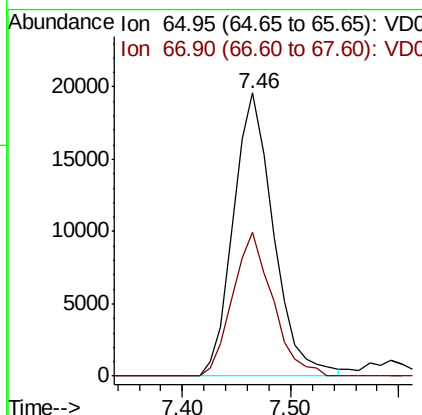
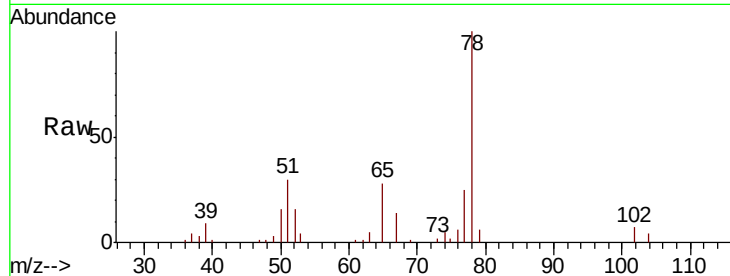




#33
 1,2-Dichloroethane-d4
 Concen: 8.182 ug/l
 RT: 7.46 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

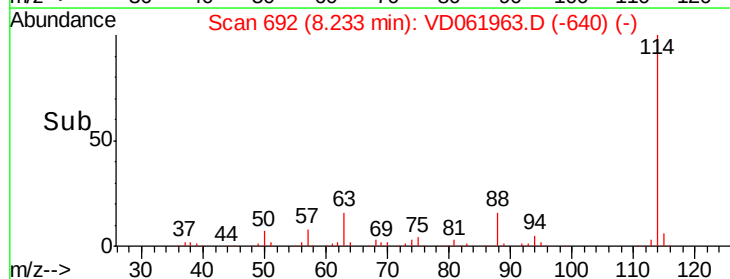
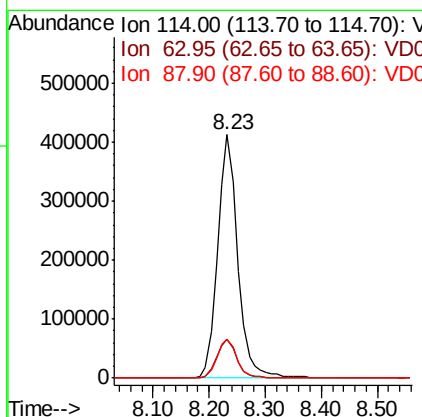
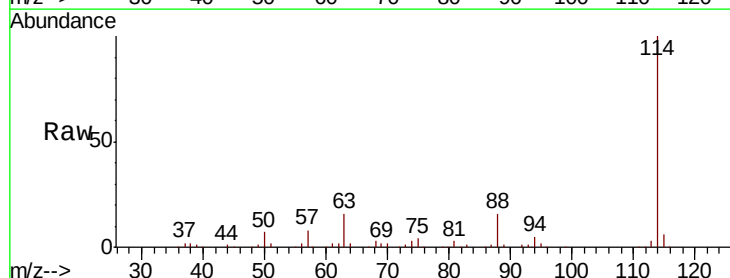
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

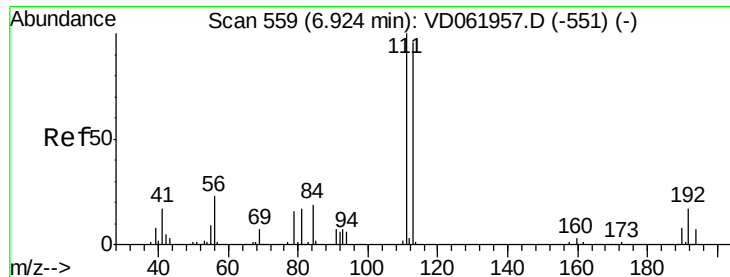
Tgt Ion: 65 Resp: 50801
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Tgt Ion: 114 Resp: 1033615
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 32.4
 88 15.9 0.0 33.6

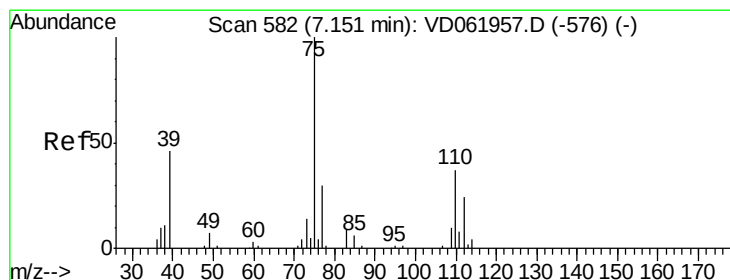
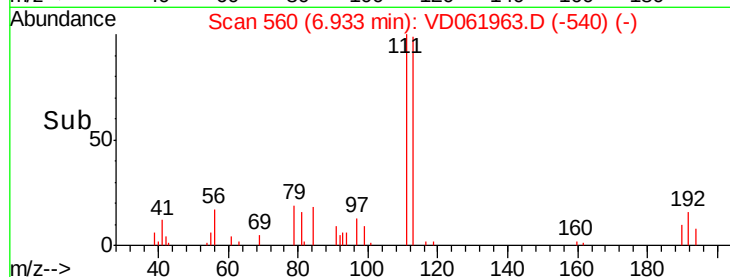
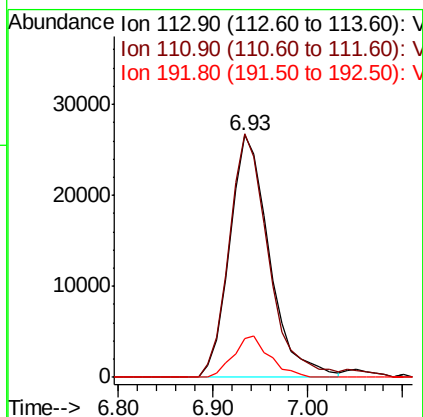
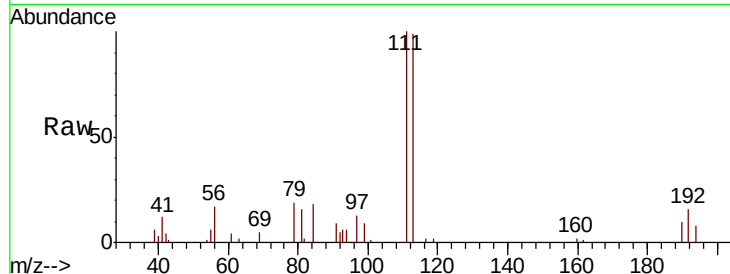




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

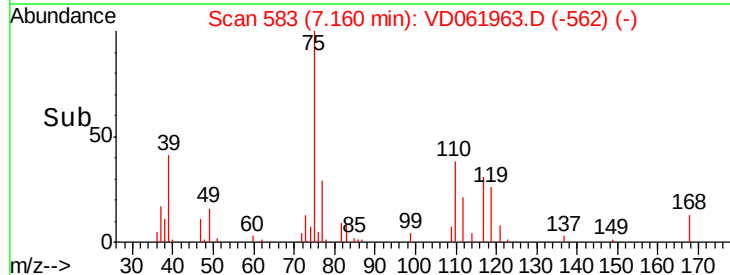
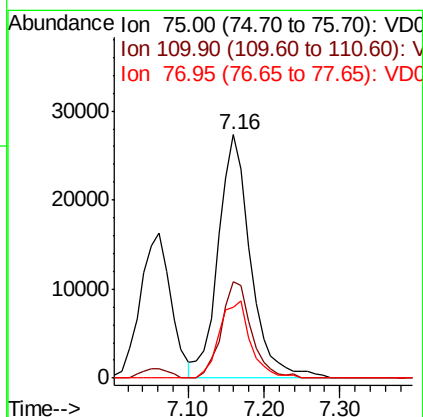
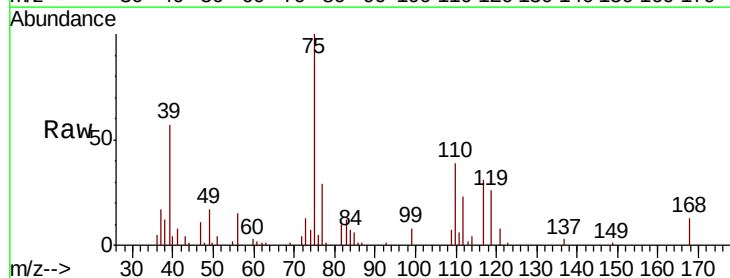
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

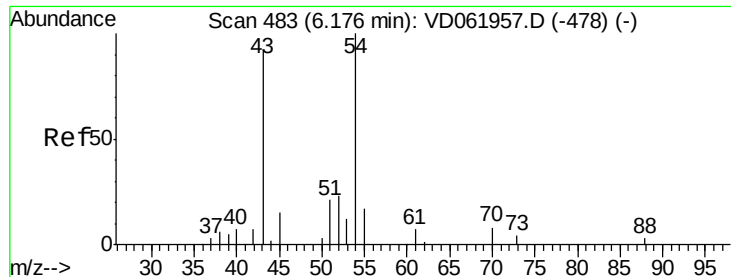
Tgt Ion:113 Resp: 77485
 Ion Ratio Lower Upper
 113 100
 111 100.7 78.5 117.7
 192 16.3 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 9.792 ug/l
 RT: 7.16 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Tgt Ion: 75 Resp: 81079
 Ion Ratio Lower Upper
 75 100
 110 39.4 19.1 57.1
 77 28.8 25.6 38.4





#37

Ethyl Acetate

Concen: 9.264 ug/l

RT: 6.20 min Scan# 485

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

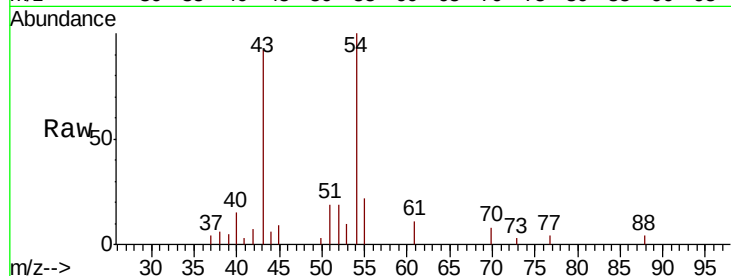
Tgt Ion: 43 Resp: 35416

Ion Ratio Lower Upper

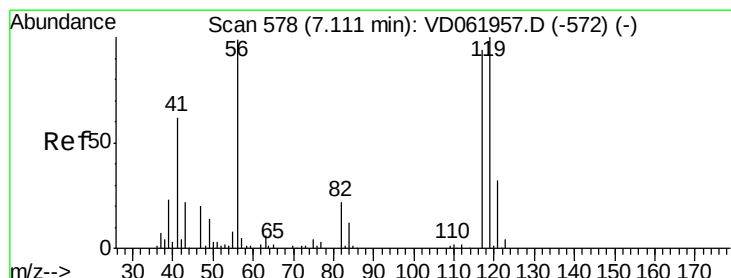
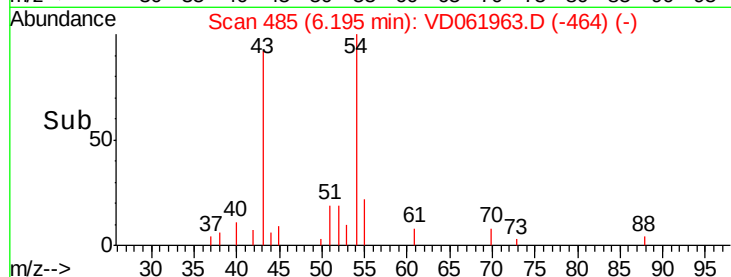
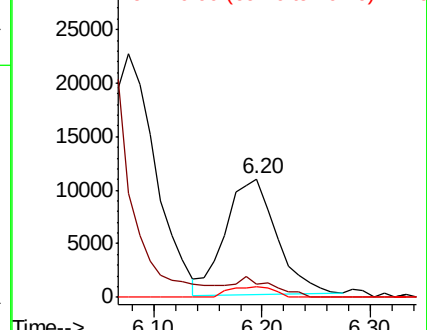
43 100

61 11.6 14.7 22.1#

70 9.2 7.8 11.6



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



#38

Carbon Tetrachloride

Concen: 9.732 ug/l

RT: 7.12 min Scan# 579

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

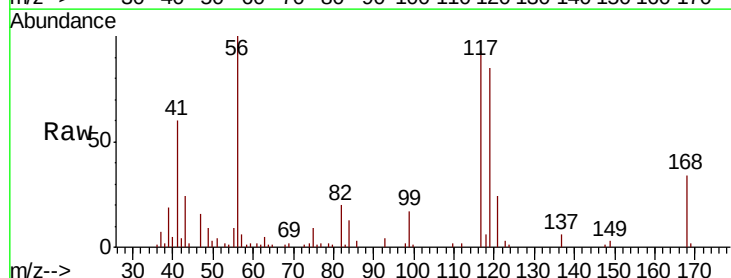
Tgt Ion: 117 Resp: 102887

Ion Ratio Lower Upper

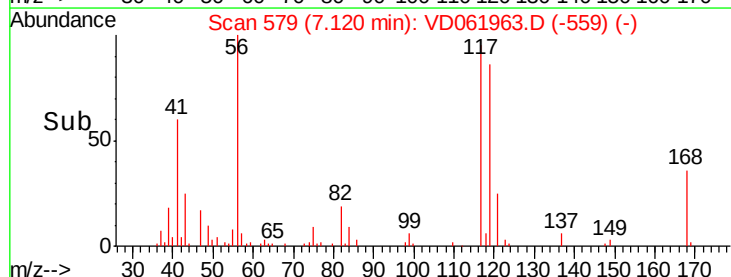
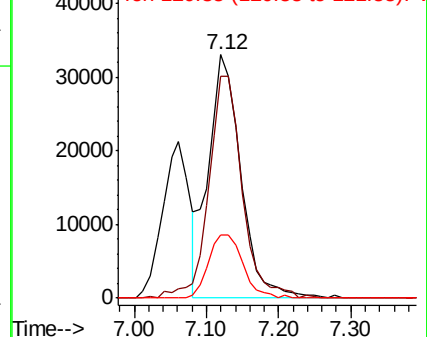
117 100

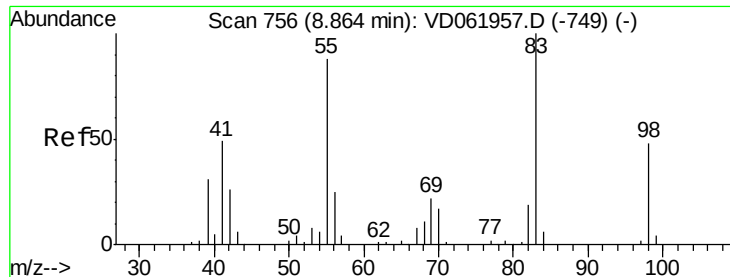
119 91.2 75.8 113.8

121 26.0 25.9 38.9



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

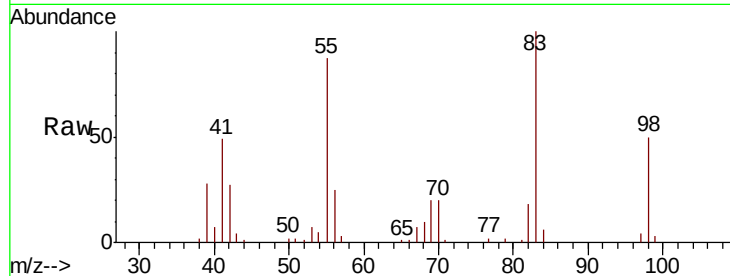




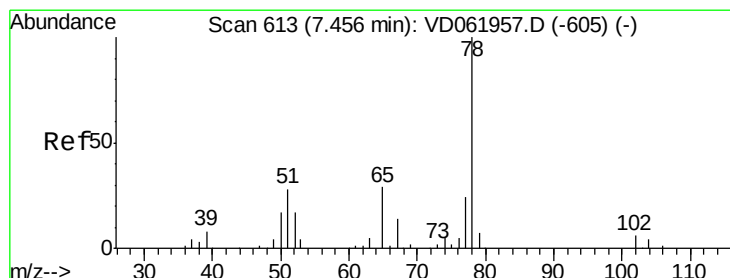
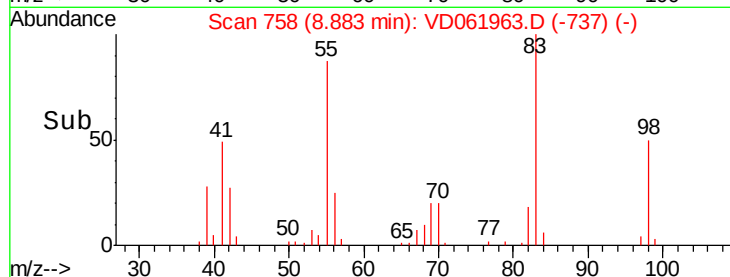
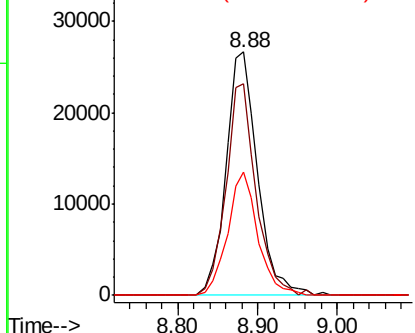
#39
Methylcyclohexane
Concen: 9.015 ug/l
RT: 8.88 min Scan# 758
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 73639
Ion Ratio Lower Upper
83 100
55 86.8 68.2 102.4
98 50.4 38.2 57.4

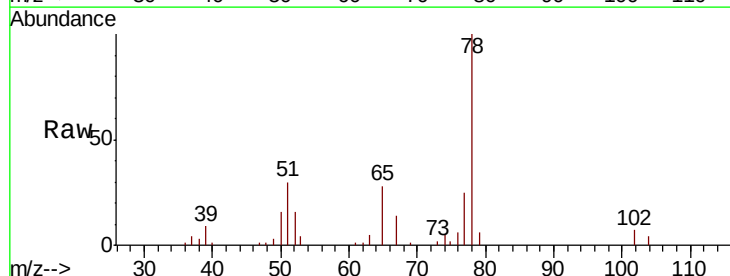


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

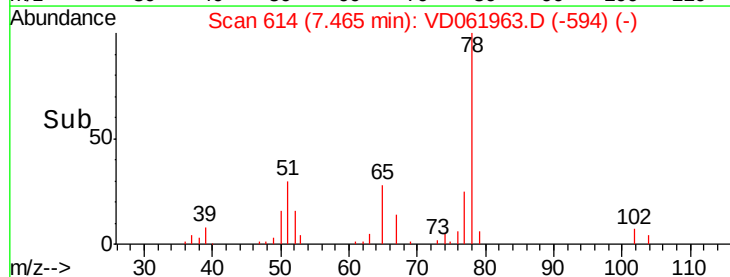
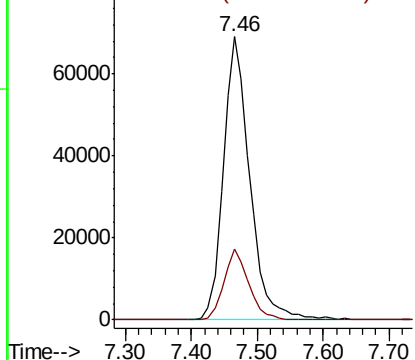


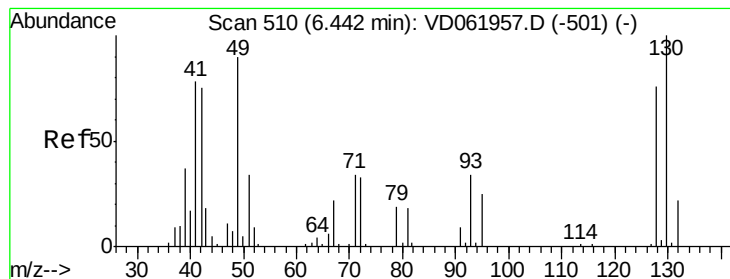
#40
Benzene
Concen: 9.262 ug/l
RT: 7.46 min Scan# 614
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion: 78 Resp: 192752
Ion Ratio Lower Upper
78 100
77 24.9 19.7 29.5



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





#41

Methacrylonitrile

Concen: 9.151 ug/l

RT: 6.45 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 41410

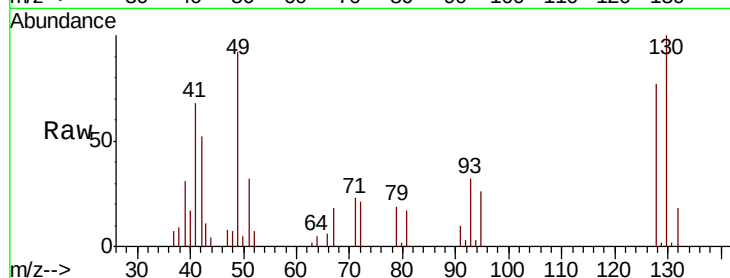
Ion Ratio Lower Upper

41 100

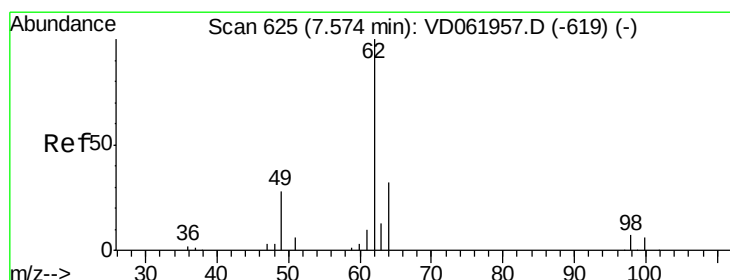
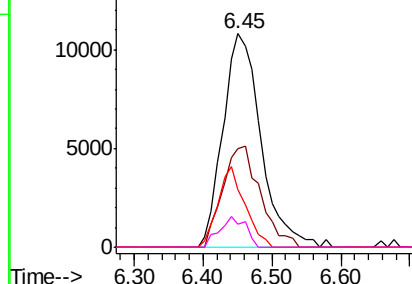
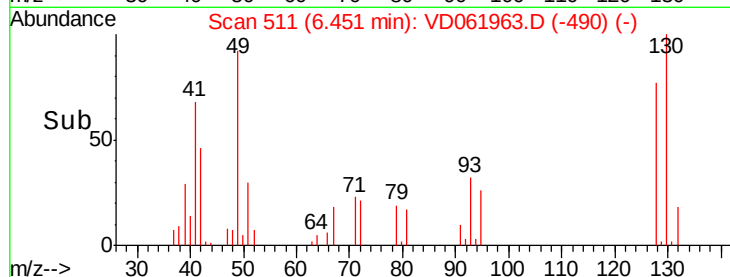
39 46.2 34.1 51.1

67 27.3 23.8 35.6

52 10.6 8.8 13.2



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: 8.918 ug/l

RT: 7.59 min Scan# 627

Delta R.T. 0.01 min

Lab File: VD061963.D

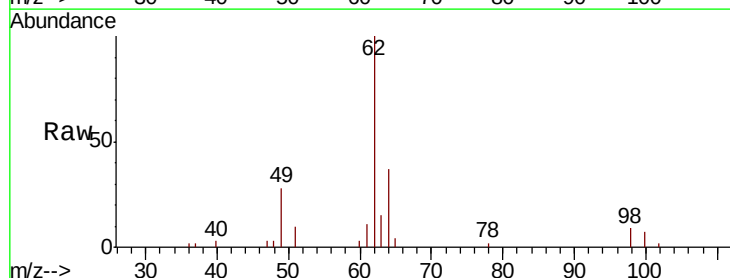
Acq: 23 Apr 2019 11:00

Tgt Ion: 62 Resp: 68139

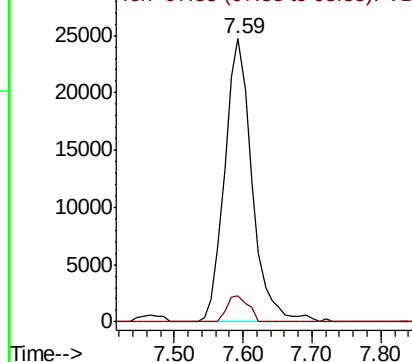
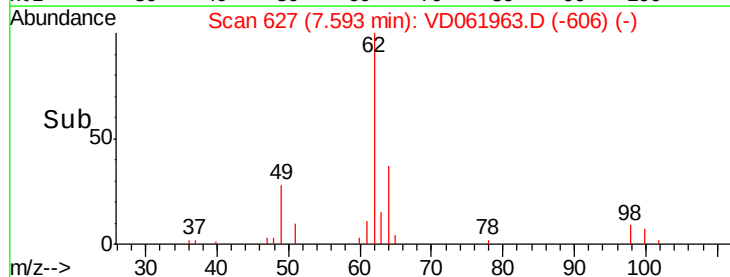
Ion Ratio Lower Upper

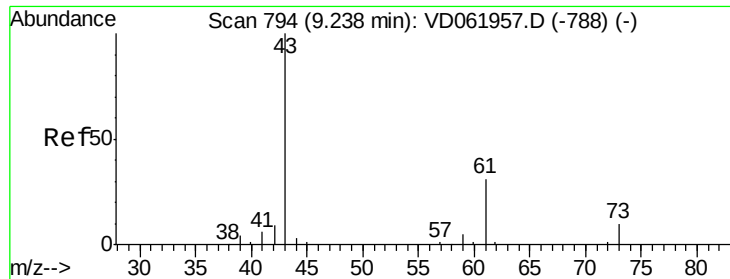
62 100

98 9.1 0.0 17.8



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 8.859 ug/l

RT: 9.25 min Scan# 795

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

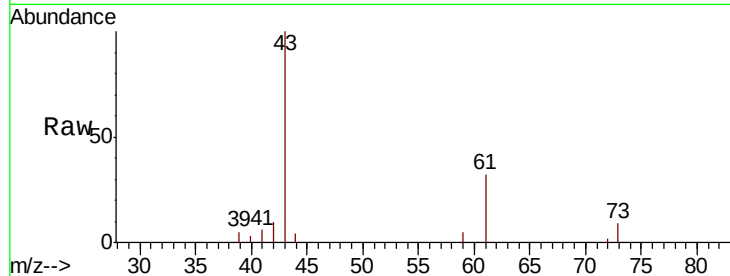
Tgt Ion: 43 Resp: 49345

Ion Ratio Lower Upper

43 100

61 32.4 25.1 37.7

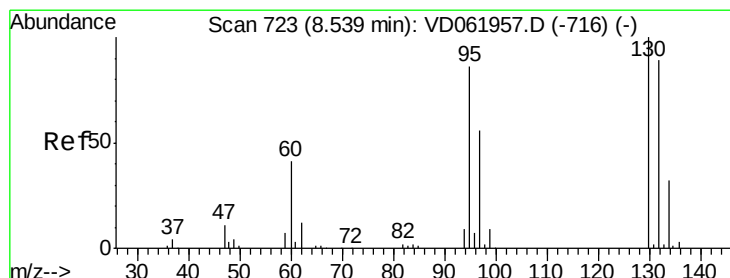
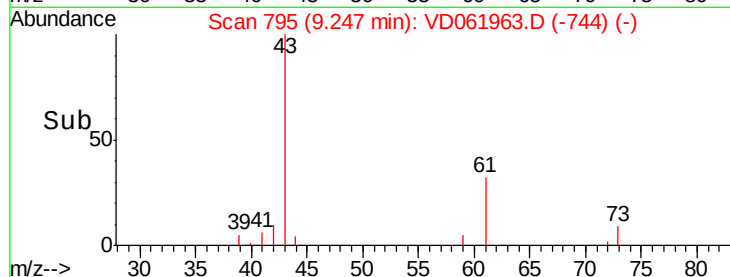
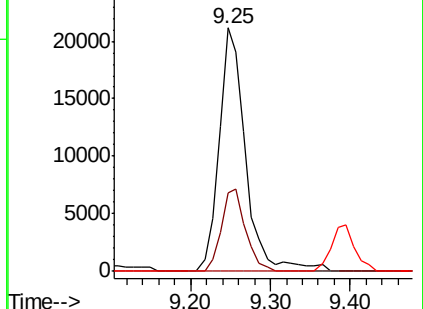
87 0.0 0.0 0.0



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: 9.550 ug/l

RT: 8.55 min Scan# 724

Delta R.T. -0.00 min

Lab File: VD061963.D

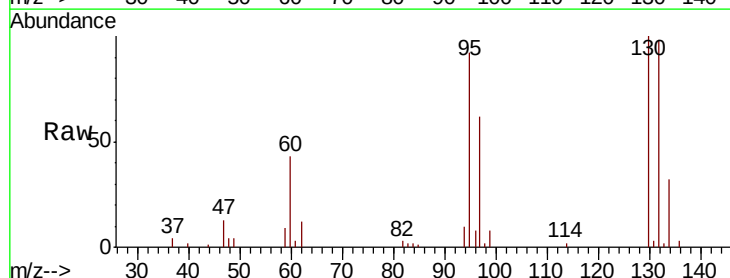
Acq: 23 Apr 2019 11:00

Tgt Ion: 130 Resp: 73837

Ion Ratio Lower Upper

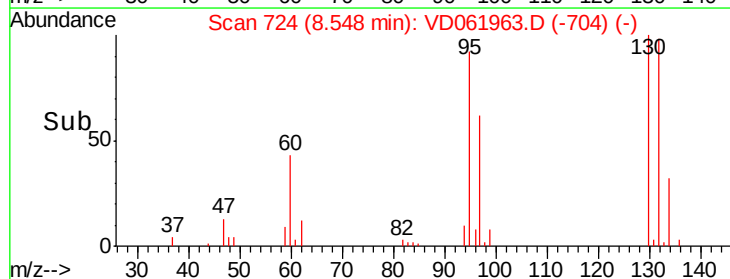
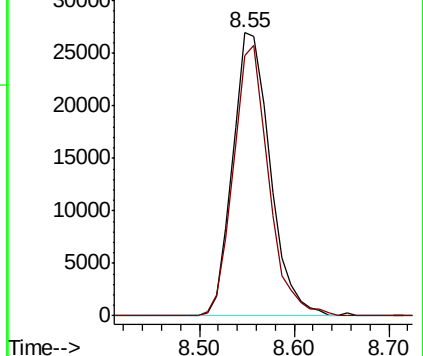
130 100

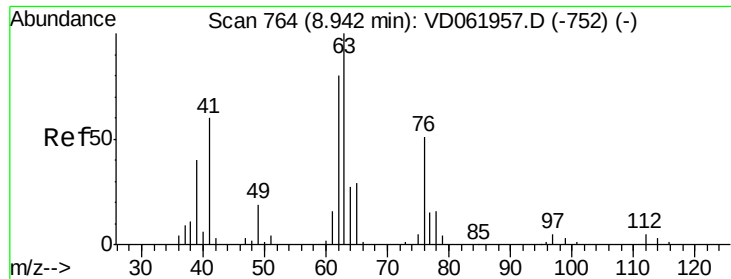
95 91.9 0.0 174.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

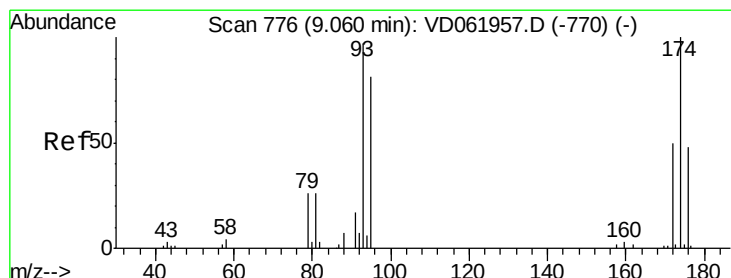
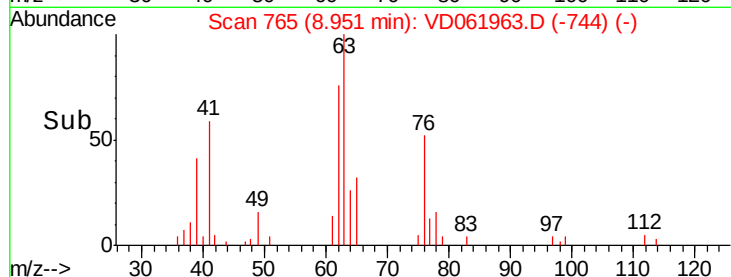
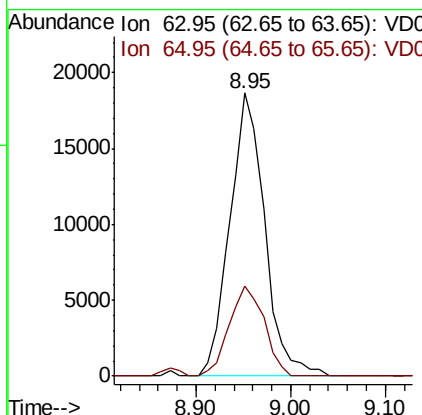
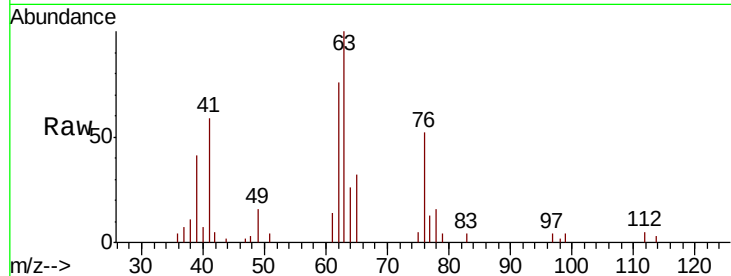




#45
 1,2-Dichloropropane
 Concen: 8.973 ug/l
 RT: 8.95 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

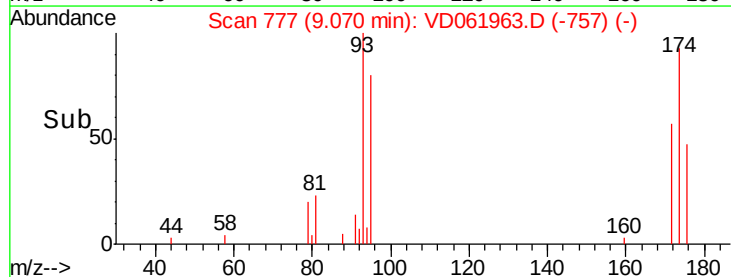
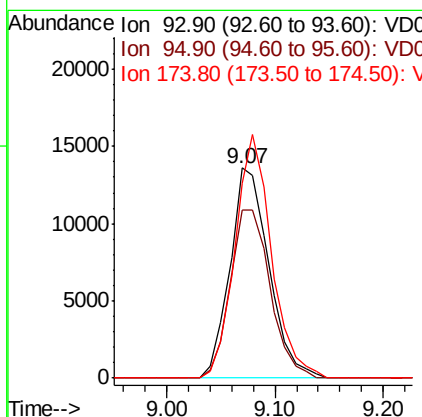
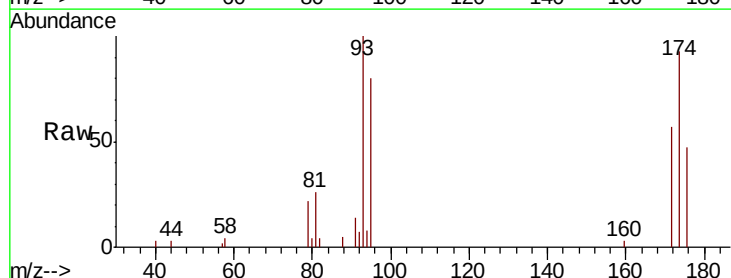
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

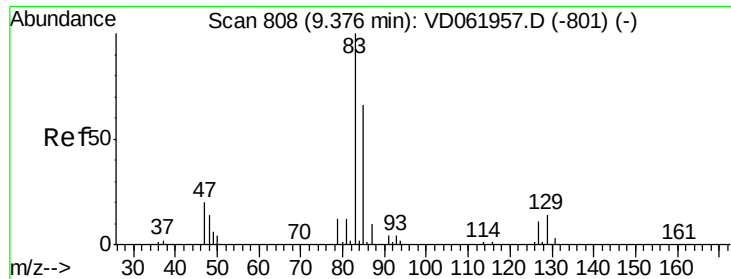
Tgt Ion: 63 Resp: 47617
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.8 35.6



#46
 Dibromomethane
 Concen: 8.453 ug/l
 RT: 9.07 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Tgt Ion: 93 Resp: 34032
 Ion Ratio Lower Upper
 93 100
 95 80.2 64.8 97.2
 174 93.0 79.3 118.9





#47

Bromodichloromethane

Concen: 9.035 ug/l

RT: 9.39 min Scan# 810

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

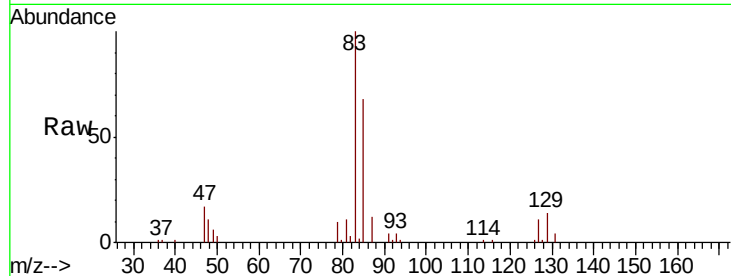
Tgt Ion: 83 Resp: 83355

Ion Ratio Lower Upper

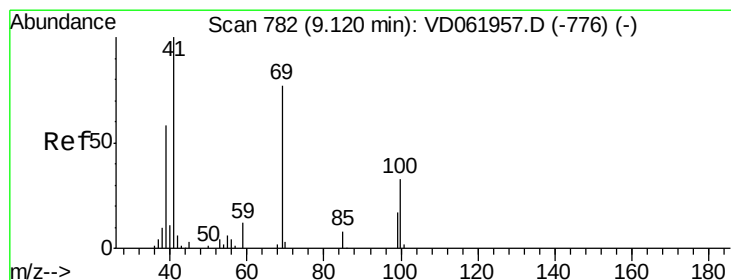
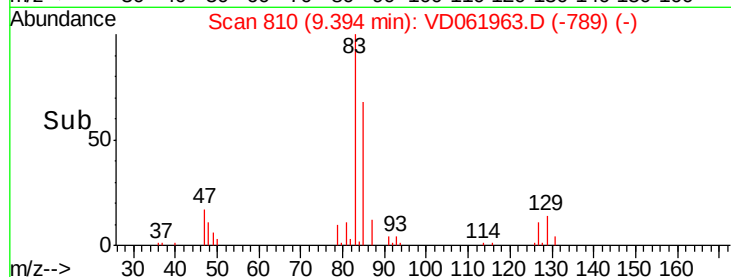
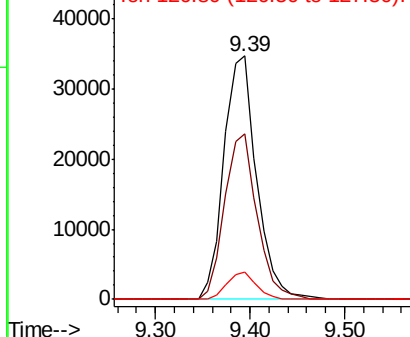
83 100

85 67.8 50.9 76.3

127 11.0 8.1 12.1



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: 8.424 ug/l

RT: 9.13 min Scan# 783

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

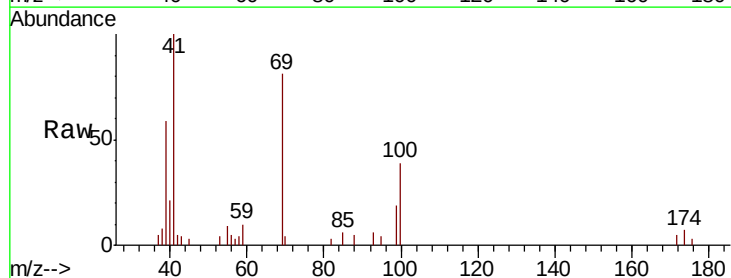
Tgt Ion: 41 Resp: 26770

Ion Ratio Lower Upper

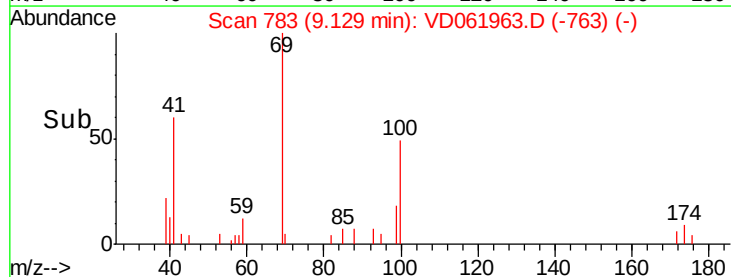
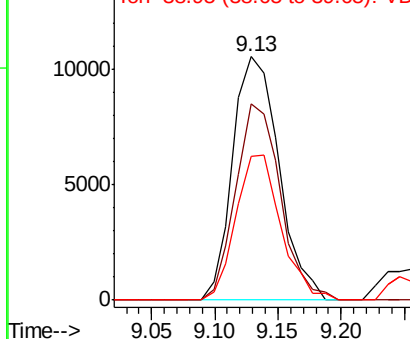
41 100

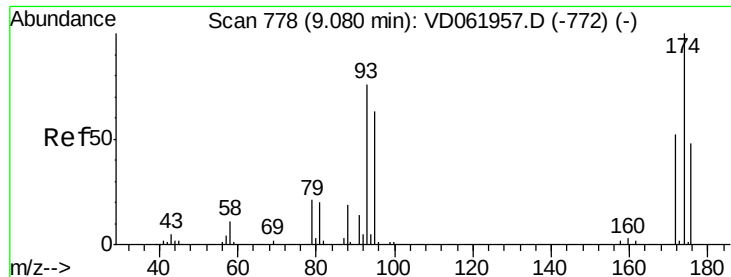
69 80.5 64.2 96.2

39 59.1 46.8 70.2



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

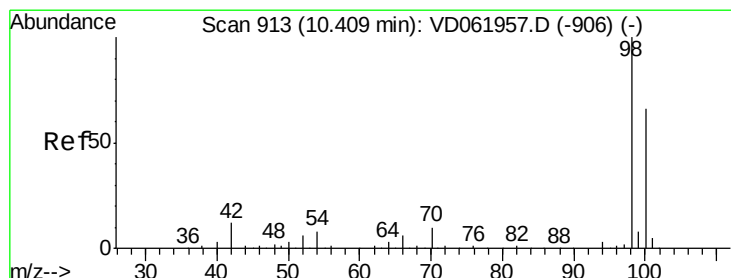
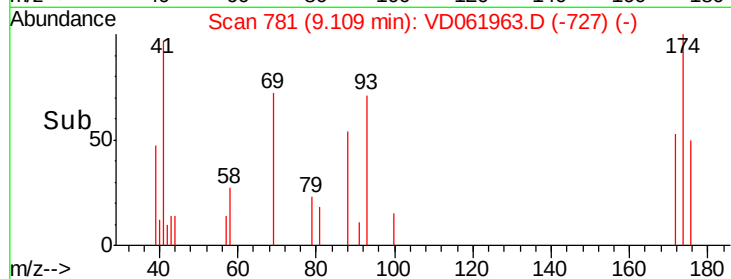
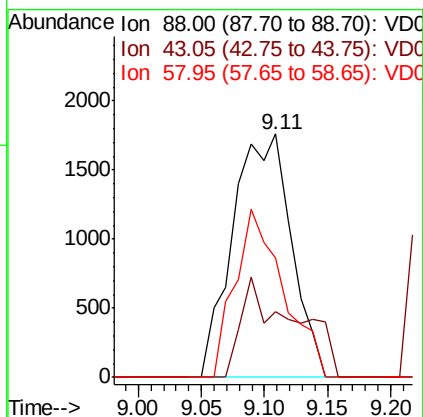
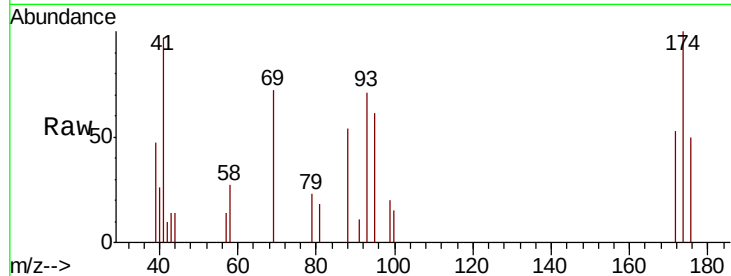




#49
1,4-Dioxane
Concen: 172.878 ug/l
RT: 9.11 min Scan# 781
Delta R.T. 0.03 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

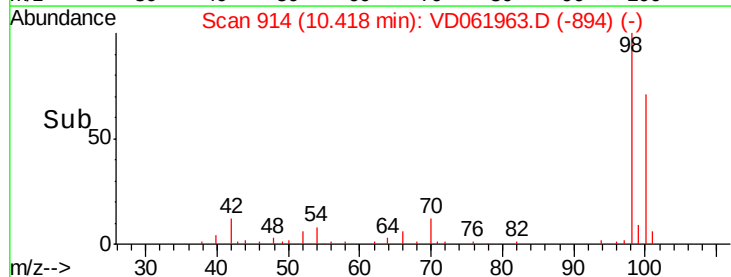
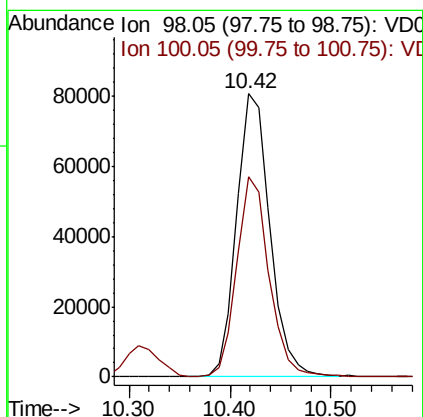
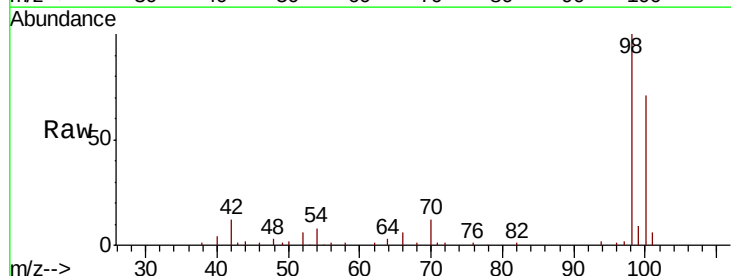
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

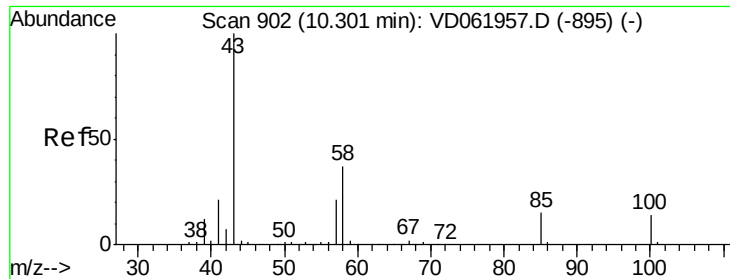
Tgt Ion: 88 Resp: 5677
Ion Ratio Lower Upper
88 100
43 26.9 23.4 35.0
58 49.3 44.0 66.0



#50
Toluene-d8
Concen: 172.878 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion: 98 Resp: 186306
Ion Ratio Lower Upper
98 100
100 70.6 53.8 80.8

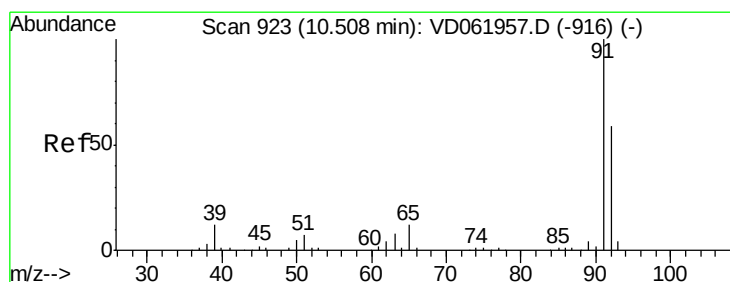
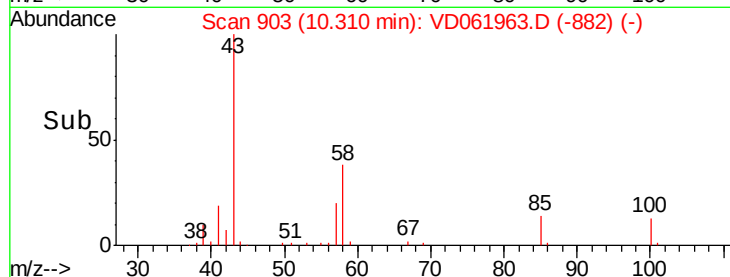
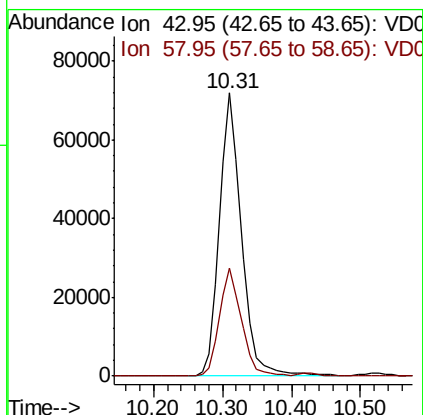
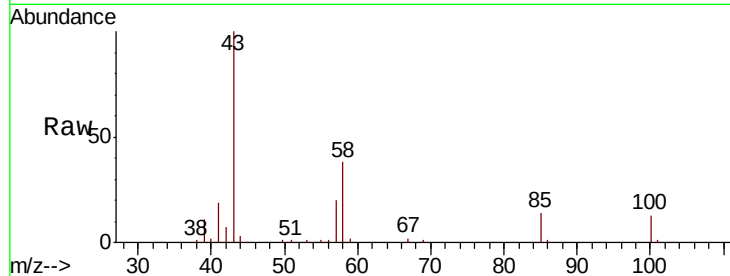




#51
 4-Methyl-2-Pentanone
 Concen: 44.903 ug/l
 RT: 10.31 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

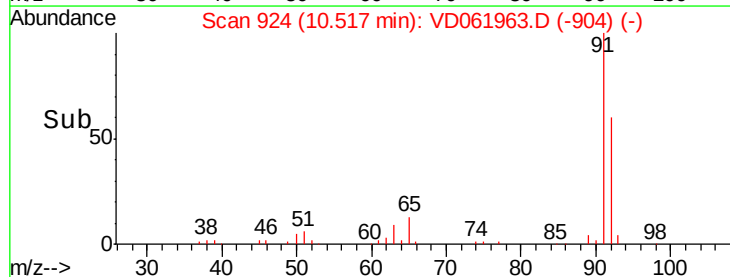
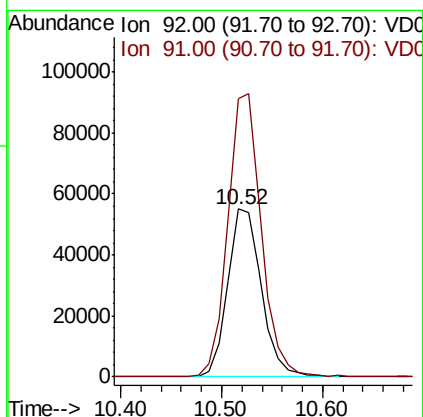
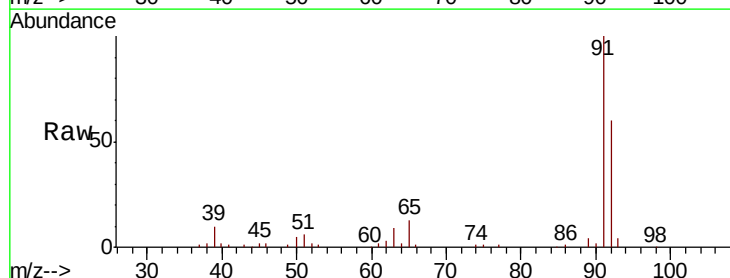
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

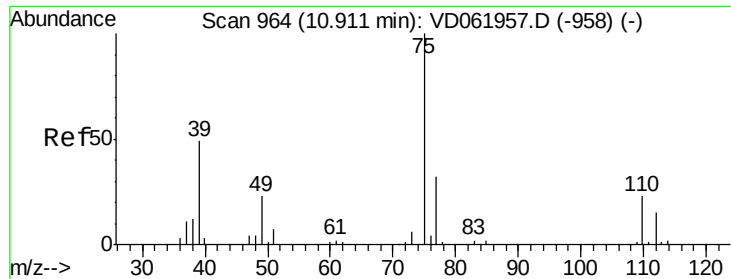
Tgt Ion: 43 Resp: 159785
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.4 45.6



#52
 Toluene
 Concen: 9.495 ug/l
 RT: 10.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Tgt Ion: 92 Resp: 127134
 Ion Ratio Lower Upper
 92 100
 91 165.9 136.6 204.8

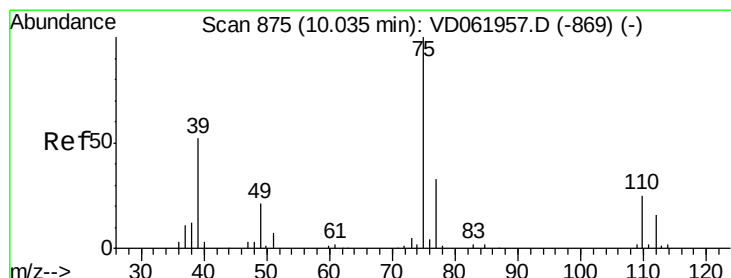
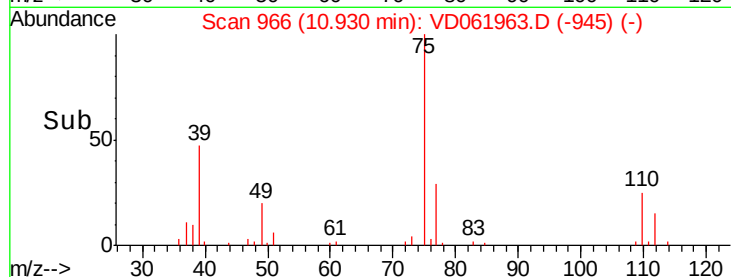
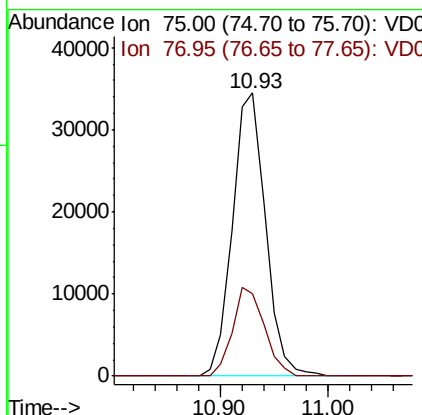
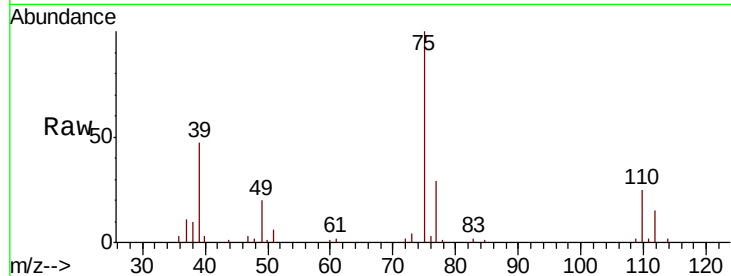




#53
 t-1,3-Dichloropropene
 Concen: 8.923 ug/l
 RT: 10.93 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

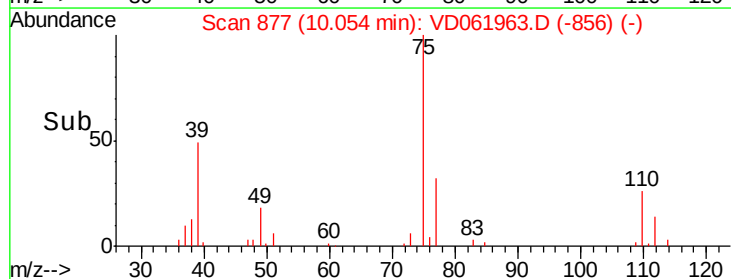
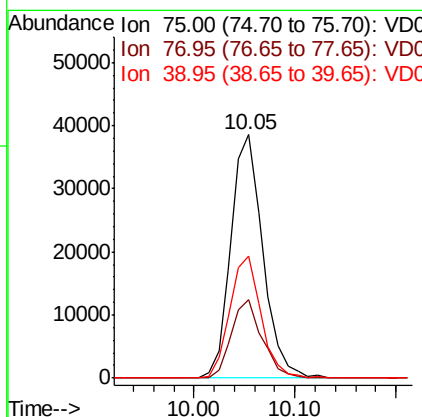
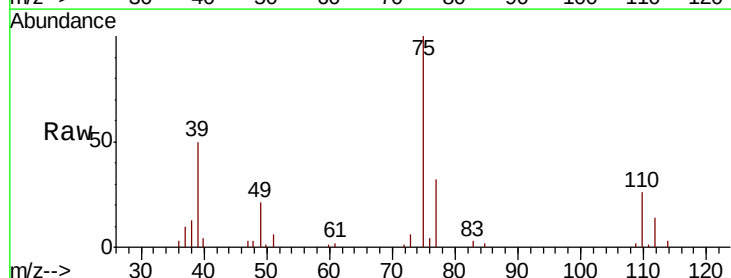
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

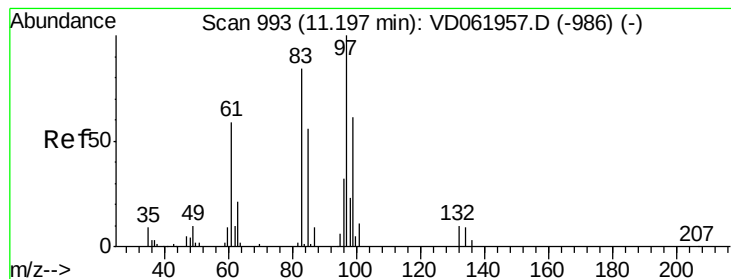
Tgt Ion: 75 Resp: 73085
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 8.914 ug/l
 RT: 10.05 min Scan# 877
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Tgt Ion: 75 Resp: 84825
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3
 39 50.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 8.719 ug/l

RT: 11.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 42013

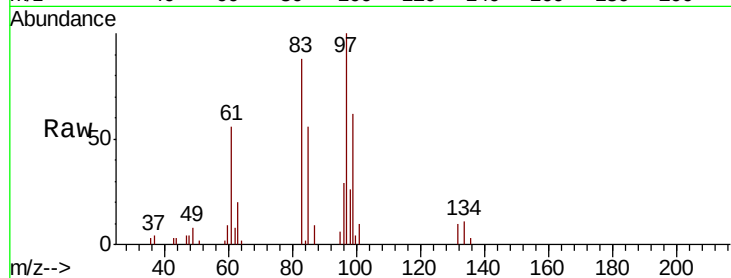
Ion Ratio Lower Upper

97 100

83 88.4 65.7 98.5

85 55.7 45.6 68.4

99 62.4 48.4 72.6



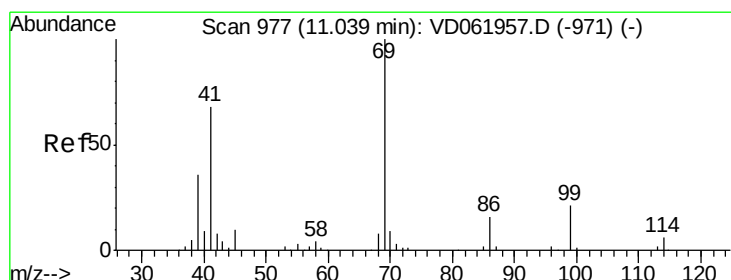
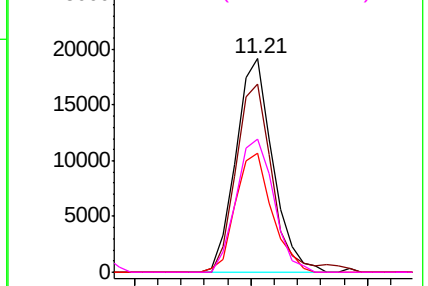
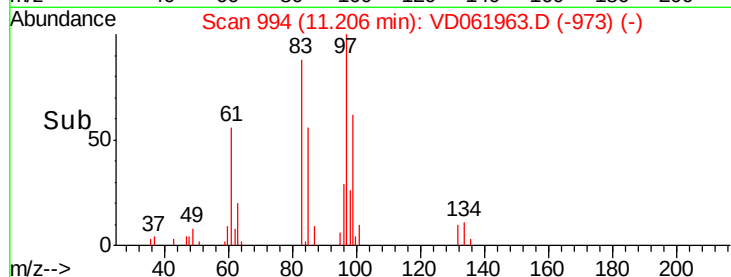
Abundance

Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 8.720 ug/l

RT: 11.06 min Scan# 979

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

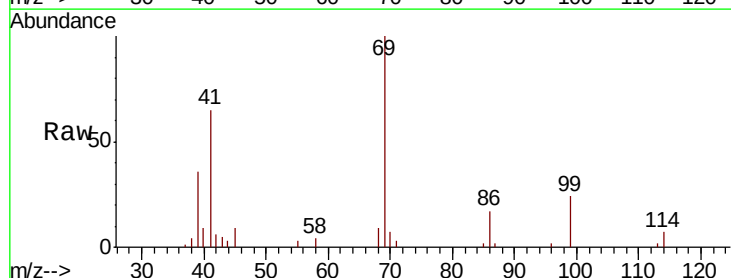
Tgt Ion: 69 Resp: 44634

Ion Ratio Lower Upper

69 100

41 64.5 56.3 84.5

39 36.4 29.4 44.2

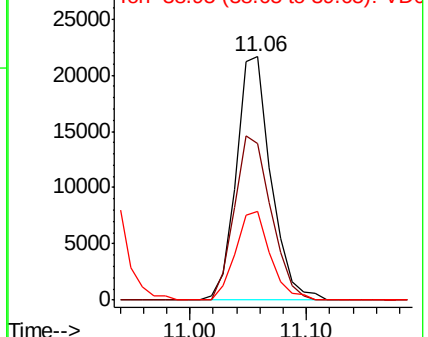
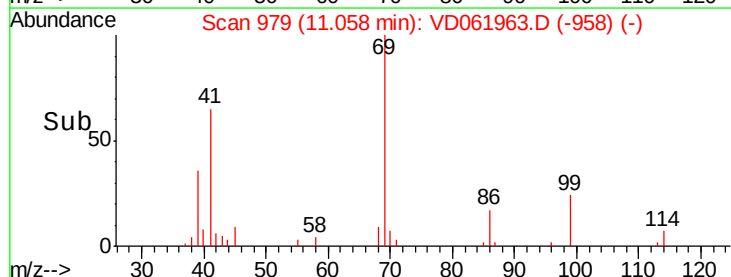


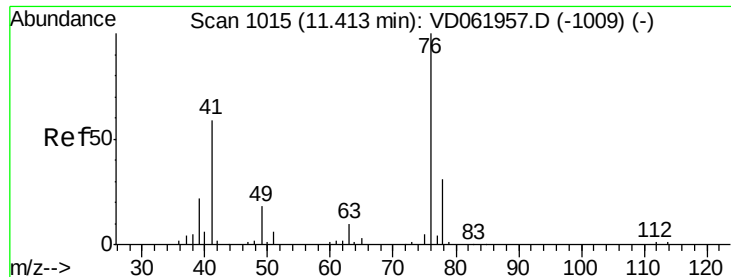
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 9.086 ug/l

RT: 11.42 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

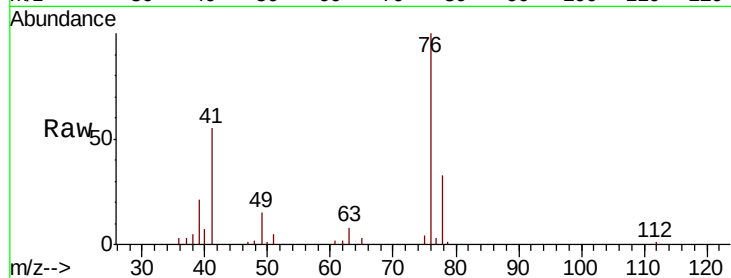
VSTDIC010

Tgt Ion: 76 Resp: 65233

Ion Ratio Lower Upper

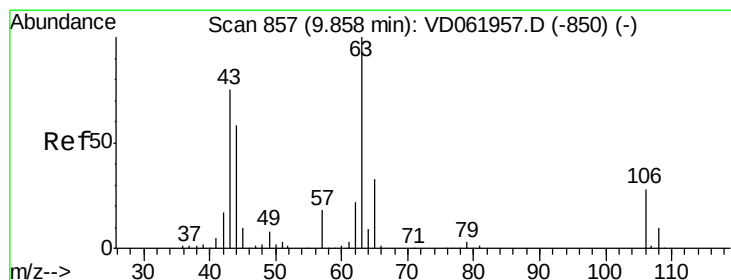
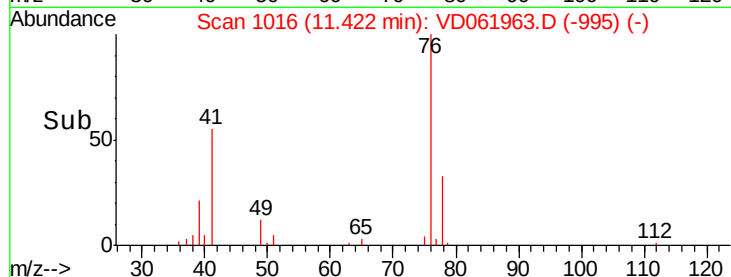
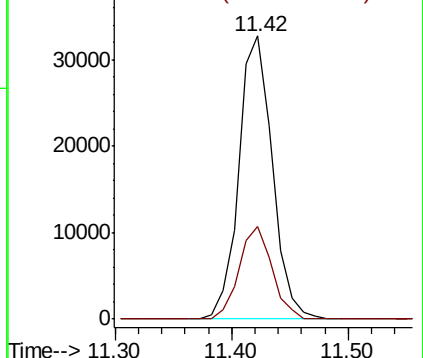
76 100

78 32.6 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 52.884 ug/l

RT: 9.87 min Scan# 858

Delta R.T. -0.00 min

Lab File: VD061963.D

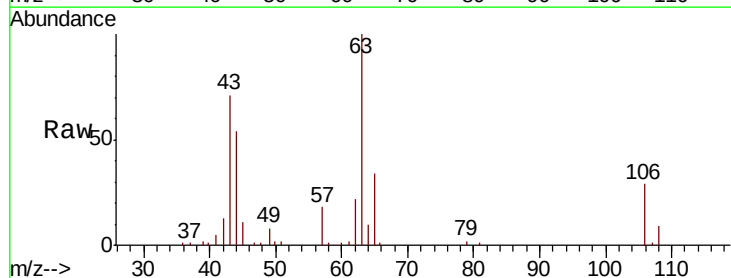
Acq: 23 Apr 2019 11:00

Tgt Ion: 63 Resp: 129873

Ion Ratio Lower Upper

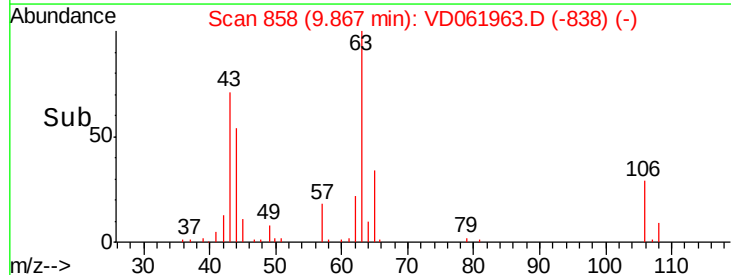
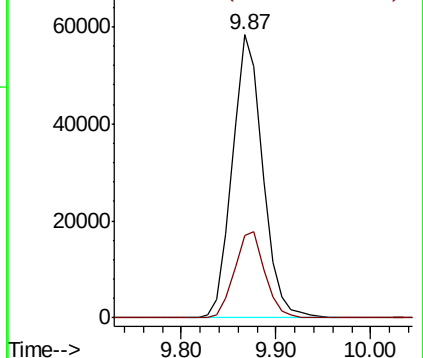
63 100

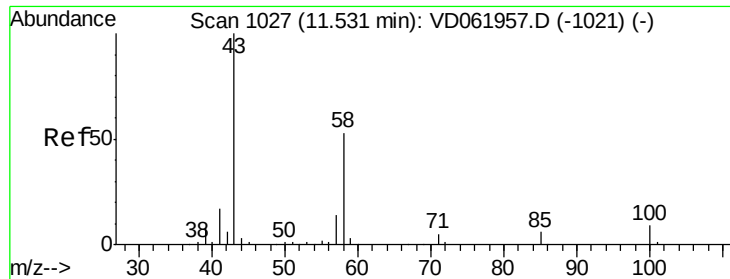
106 28.9 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

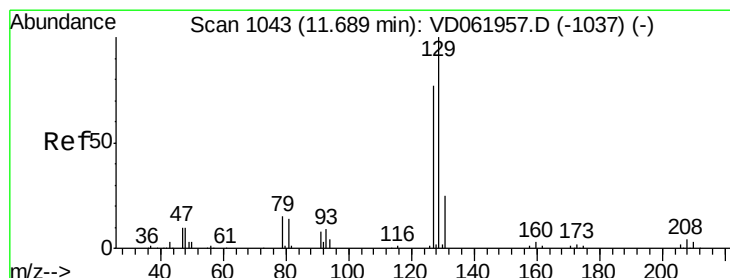
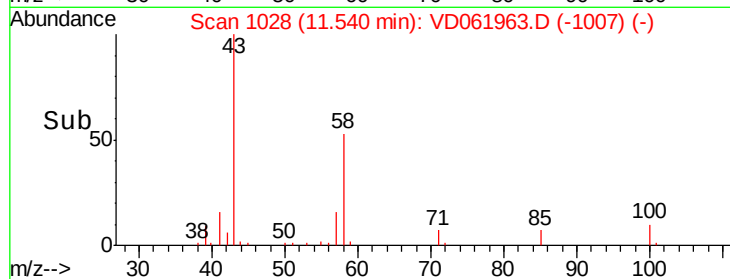
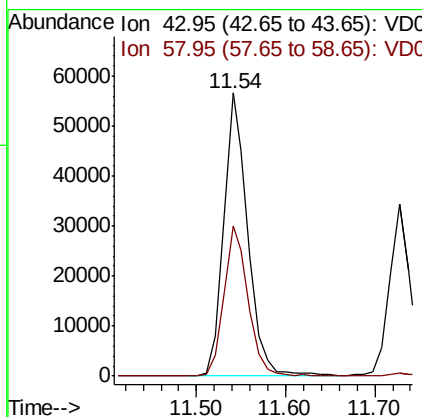
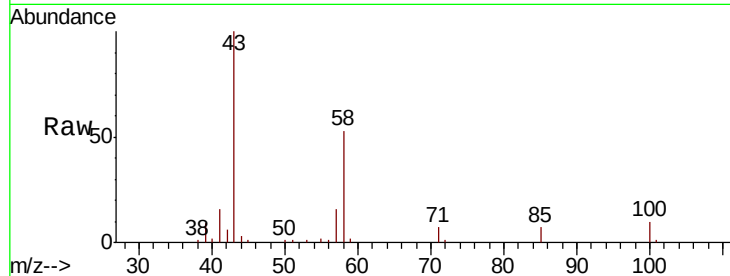




#59
2-Hexanone
Concen: 42.941 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

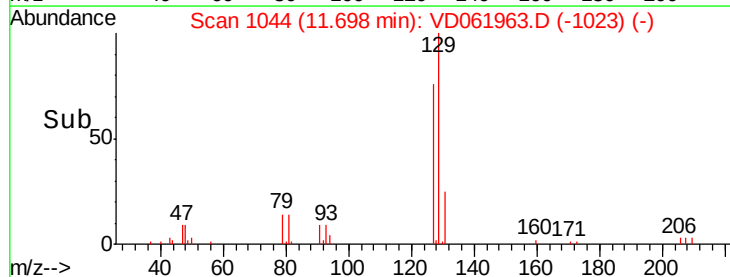
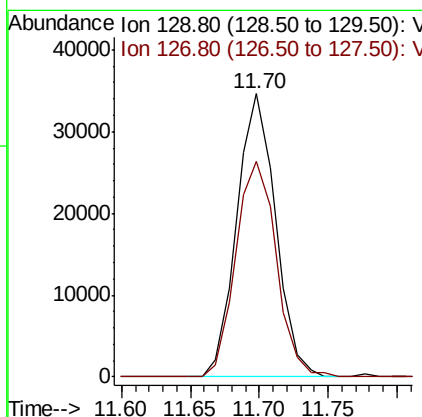
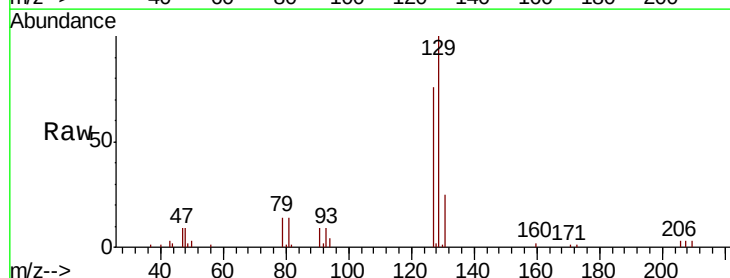
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

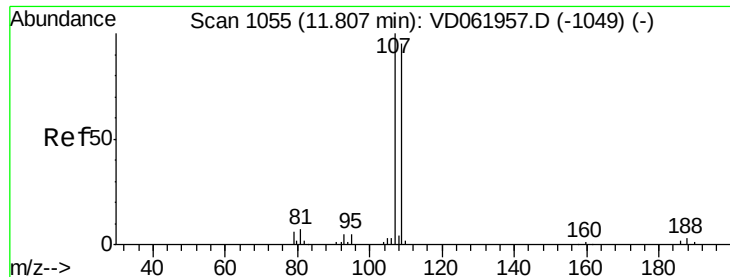
Tgt Ion: 43 Resp: 107500
Ion Ratio Lower Upper
43 100
58 53.1 25.4 76.4



#60
Dibromochloromethane
Concen: 8.760 ug/l
RT: 11.70 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion: 129 Resp: 67946
Ion Ratio Lower Upper
129 100
127 76.0 38.0 113.9

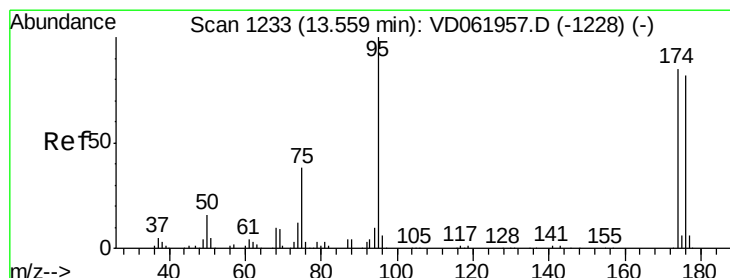
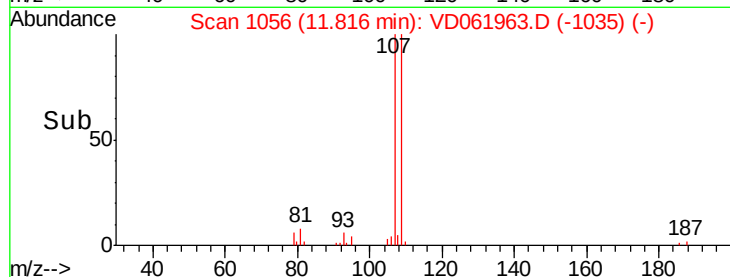
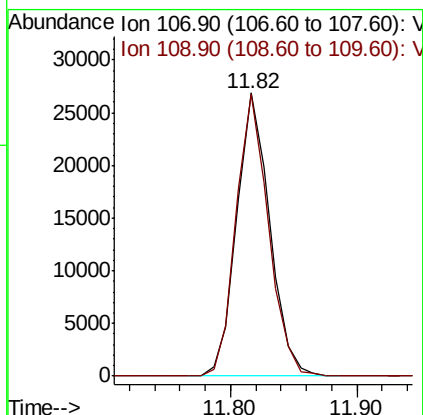
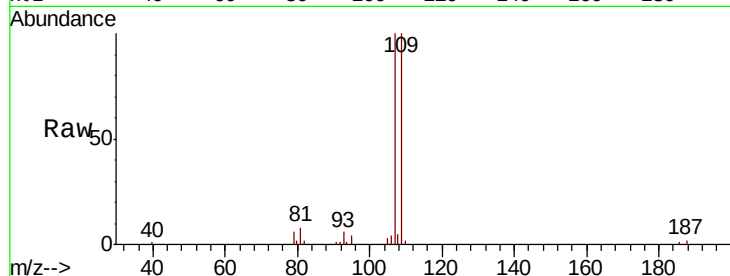




#61
 1,2-Dibromoethane
 Concen: 8.425 ug/l
 RT: 11.82 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

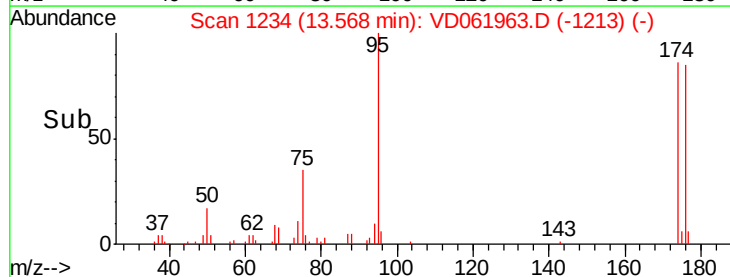
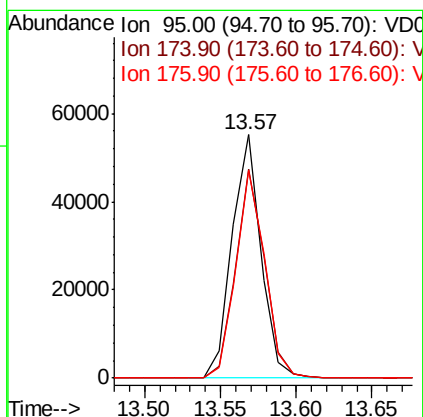
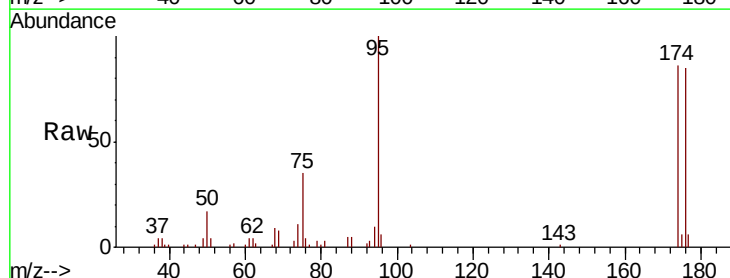
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

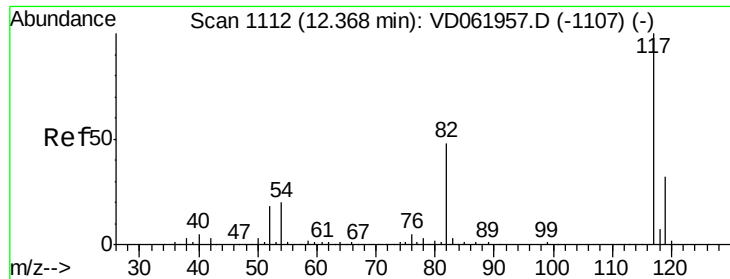
Tgt Ion: 107 Resp: 48643
 Ion Ratio Lower Upper
 107 100
 109 99.6 78.3 117.5



#62
 4-Bromofluorobenzene
 Concen: 8.425 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Tgt Ion: 95 Resp: 73143
 Ion Ratio Lower Upper
 95 100
 174 85.6 0.0 181.8
 176 85.4 0.0 174.4

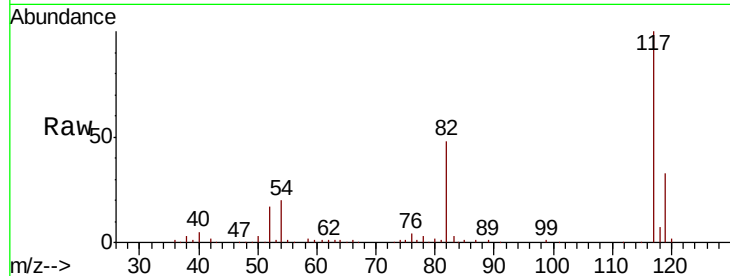




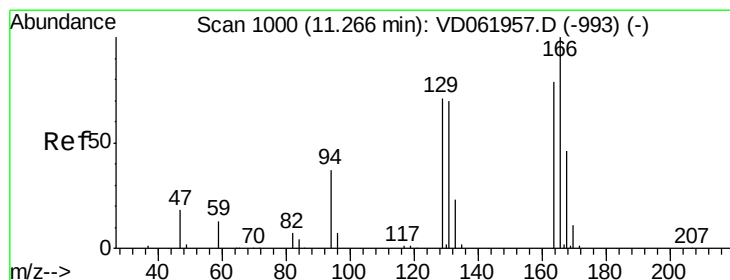
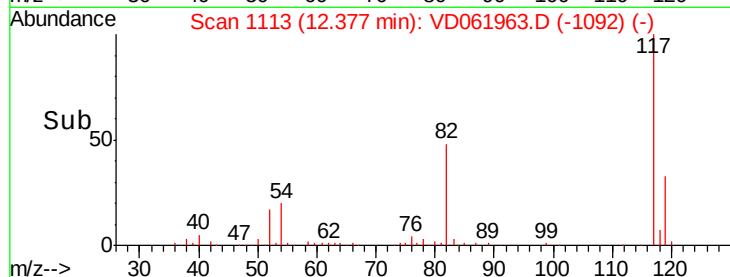
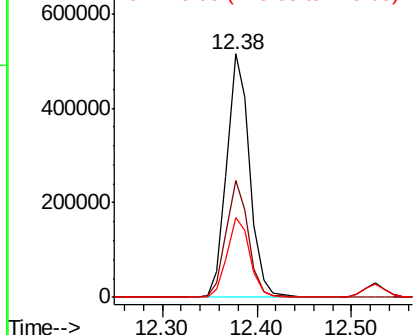
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 865446
Ion Ratio Lower Upper
117 100
82 47.8 36.2 54.2
119 33.0 26.2 39.4

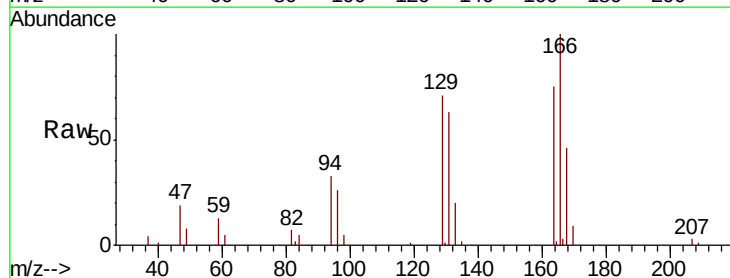


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

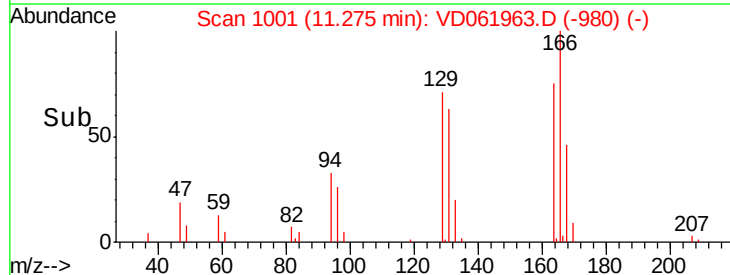
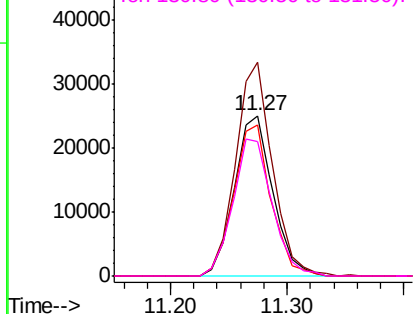


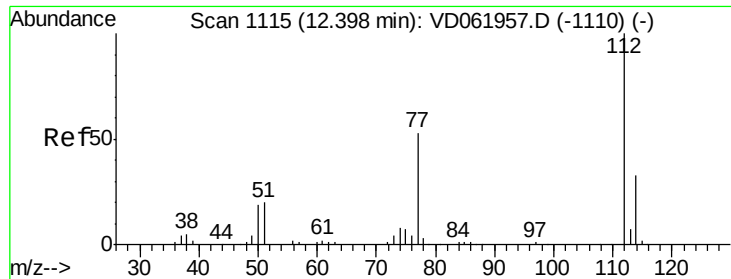
#64
Tetrachloroethene
Concen: 9.022 ug/l
RT: 11.27 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion:164 Resp: 56854
Ion Ratio Lower Upper
164 100
166 133.3 101.5 152.3
129 94.2 74.6 112.0
131 83.8 72.6 108.8



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

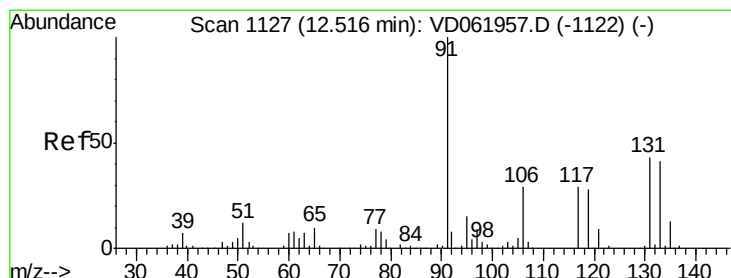
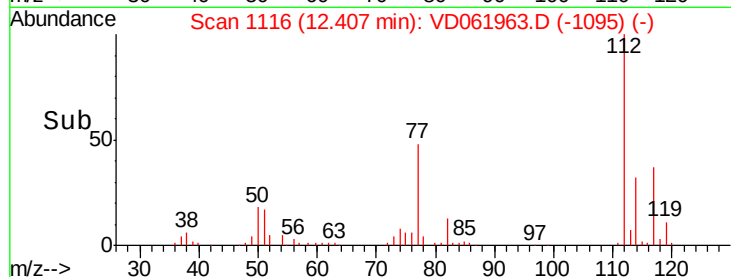
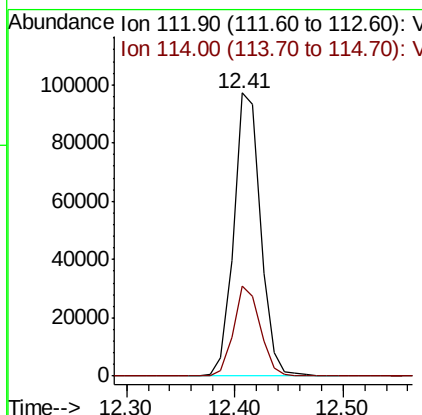
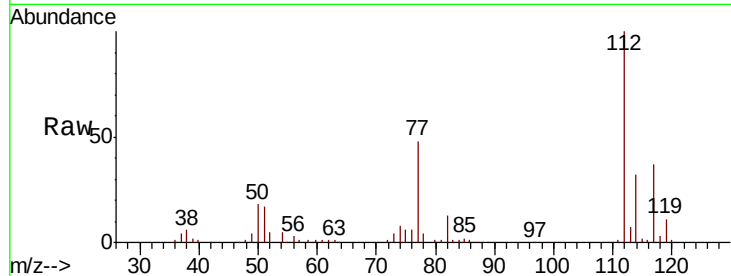




#65
Chlorobenzene
Concen: 10.085 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

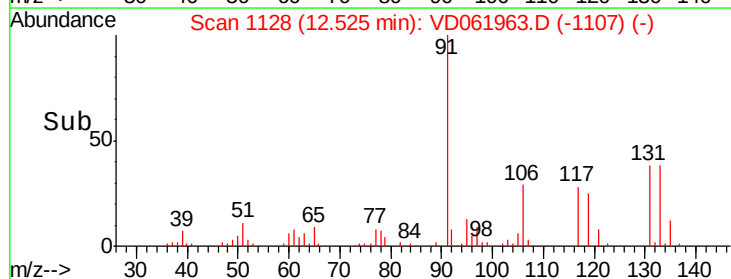
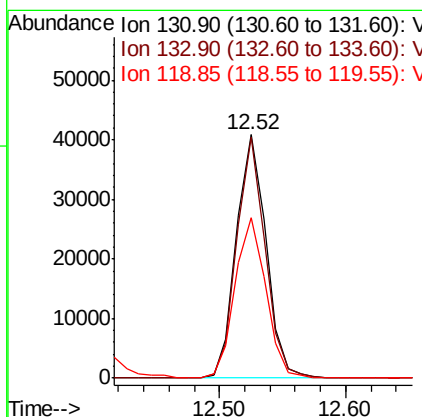
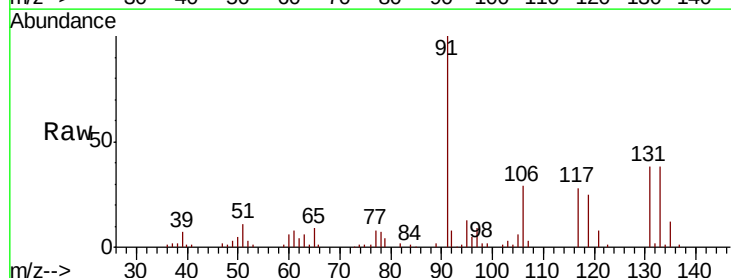
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

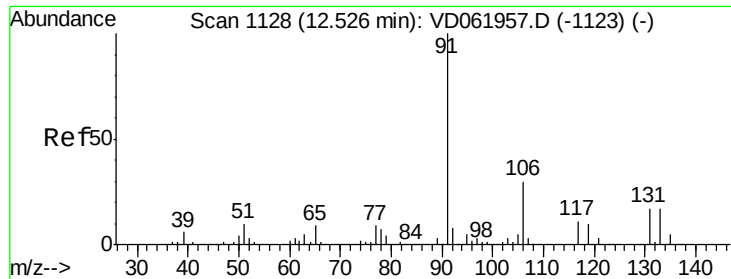
Tgt Ion:112 Resp: 167509
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 9.709 ug/l
RT: 12.52 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion:131 Resp: 66572
Ion Ratio Lower Upper
131 100
133 99.1 48.6 145.8
119 66.0 34.7 104.1

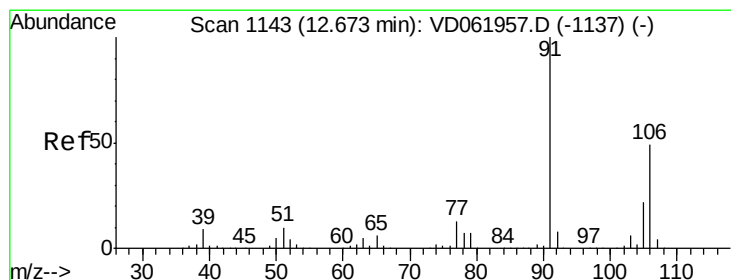
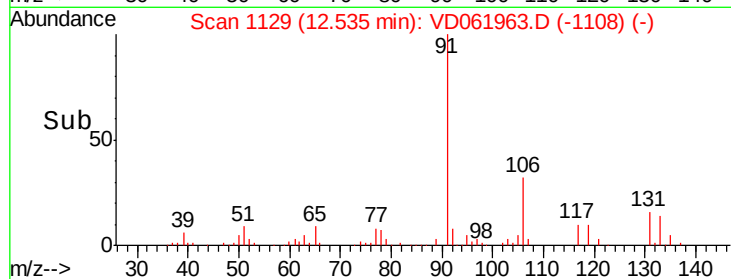
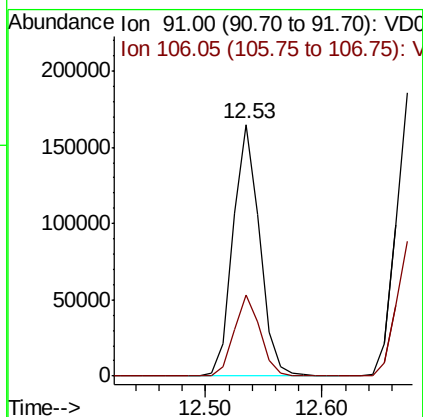
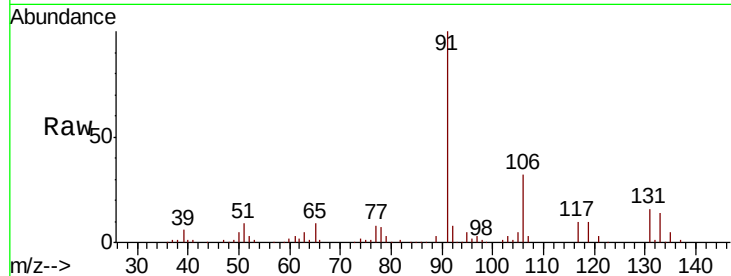




#67
Ethyl Benzene
Concen: 10.309 ug/l
RT: 12.53 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

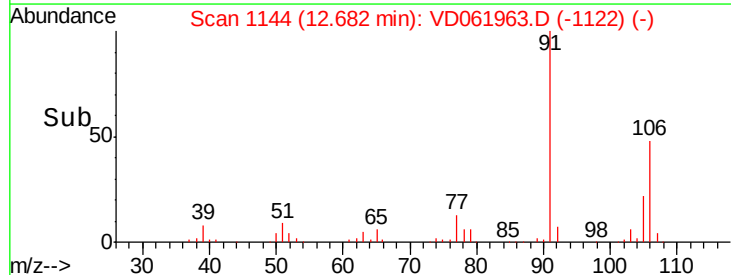
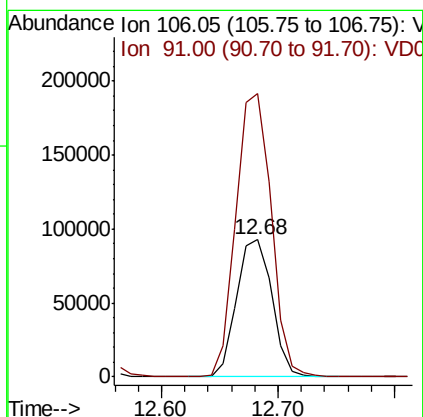
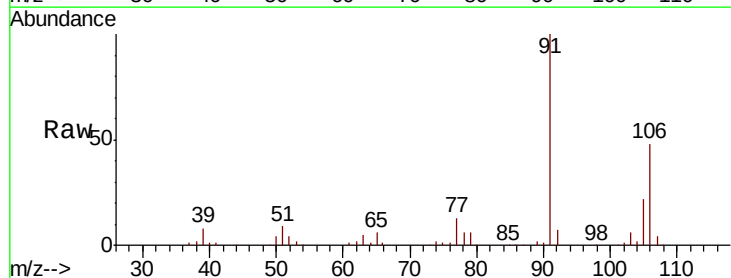
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

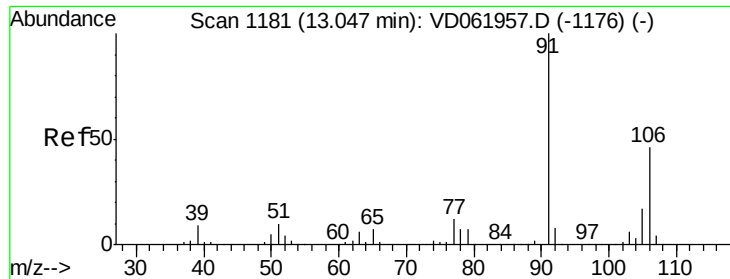
Tgt Ion: 91 Resp: 259973
Ion Ratio Lower Upper
91 100
106 32.2 24.7 37.1



#68
m/p-Xylenes
Concen: 20.250 ug/l
RT: 12.68 min Scan# 1144
Delta R.T. 0.02 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion: 106 Resp: 195343
Ion Ratio Lower Upper
106 100
91 206.7 164.0 246.0

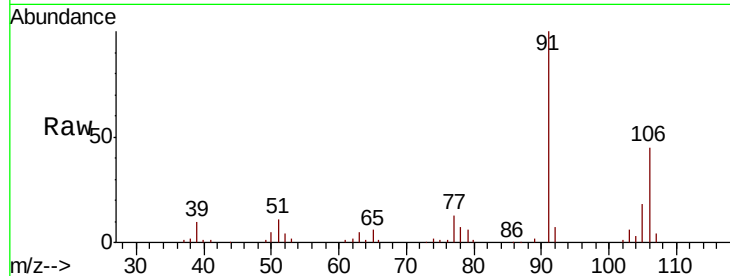




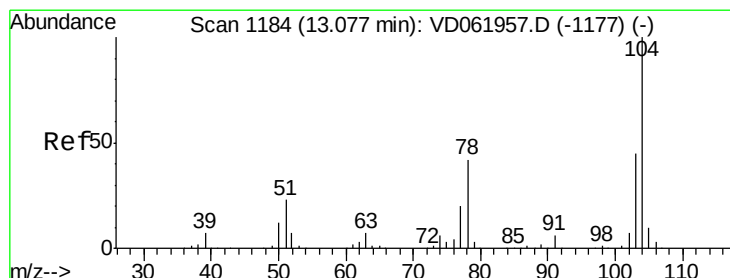
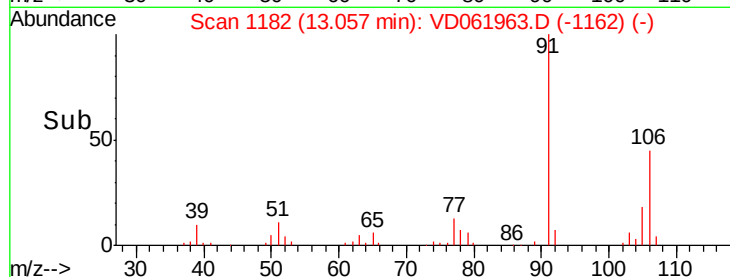
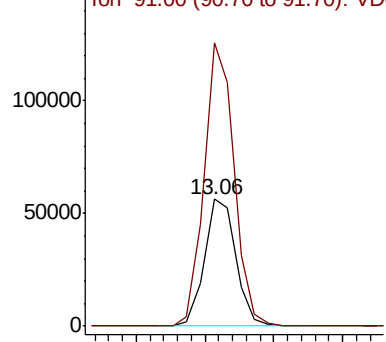
#69
o-Xylene
Concen: 9.754 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 89546
Ion Ratio Lower Upper
106 100
91 222.6 106.7 319.9

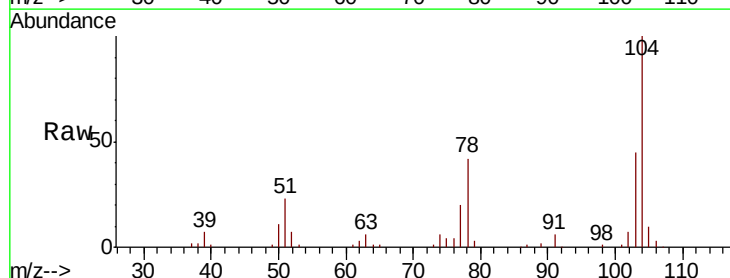


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

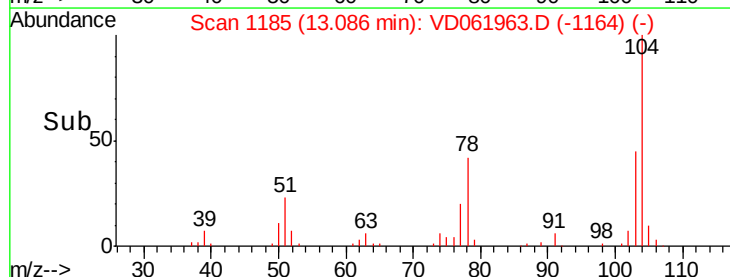
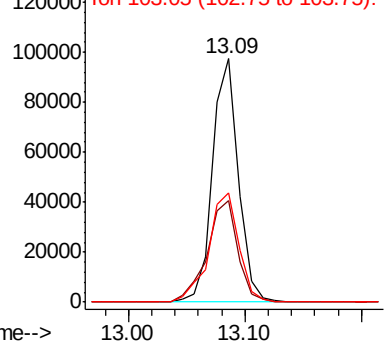


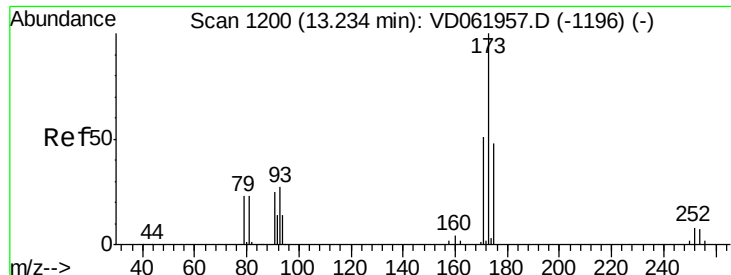
#70
Styrene
Concen: 9.443 ug/l
RT: 13.09 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion:104 Resp: 150021
Ion Ratio Lower Upper
104 100
78 41.7 35.4 53.2
103 44.7 37.5 56.3



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





#71

Bromoform

Concen: 8.530 ug/l

RT: 13.24 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

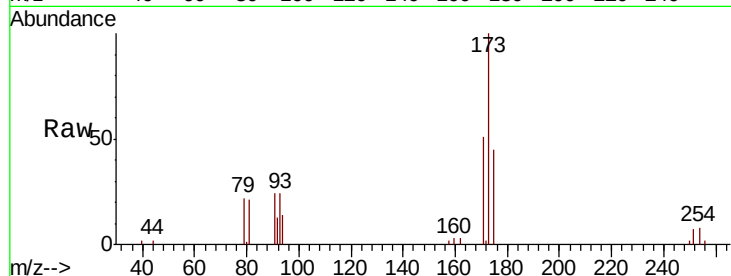
Tgt Ion:173 Resp: 36099

Ion Ratio Lower Upper

173 100

175 44.8 24.4 73.4

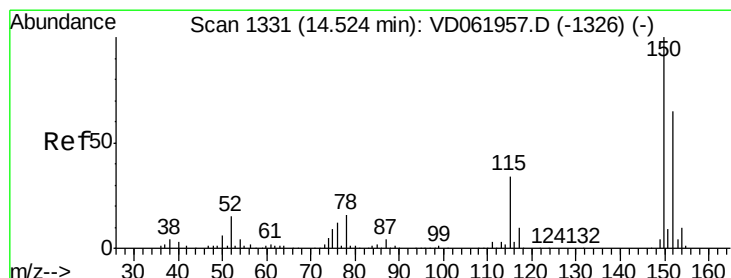
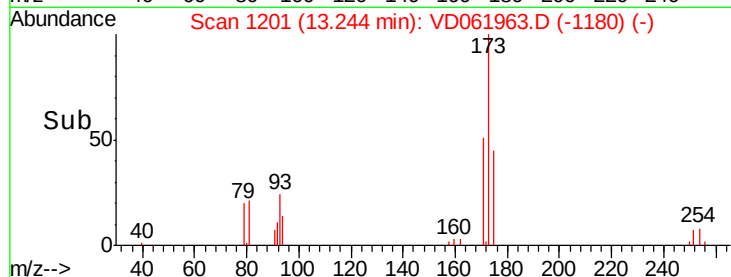
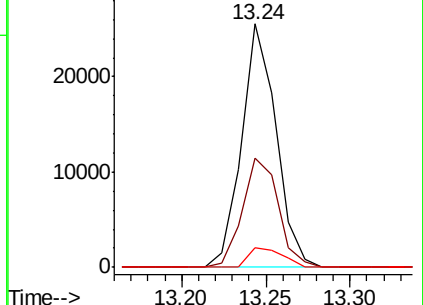
254 8.0 5.4 8.2



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

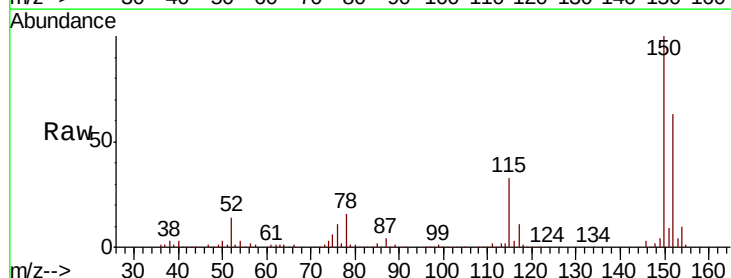
Tgt Ion:152 Resp: 366260

Ion Ratio Lower Upper

152 100

115 51.5 30.9 92.7

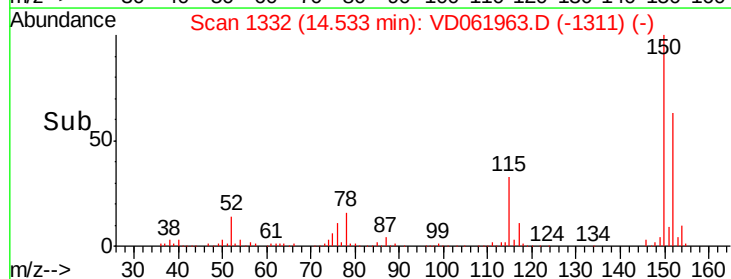
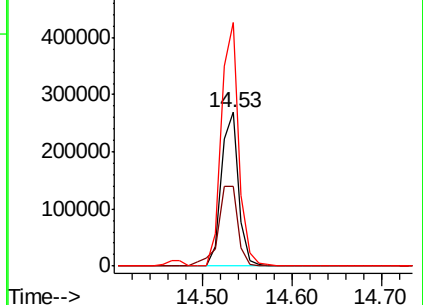
150 158.1 0.0 314.8

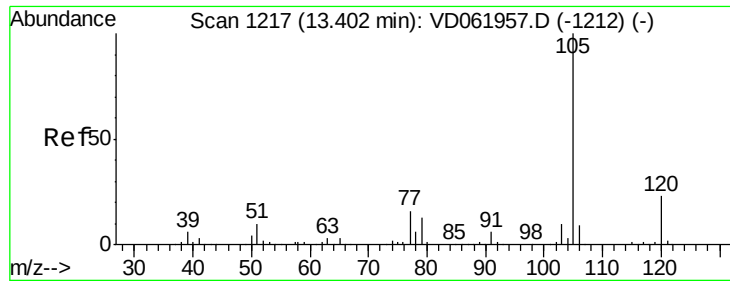


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 11.153 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

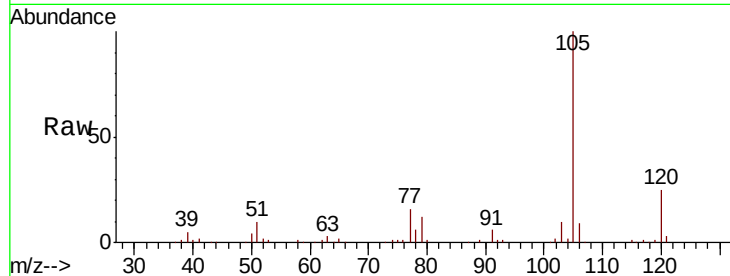
VSTDIC010

Tgt Ion: 105 Resp: 260495

Ion Ratio Lower Upper

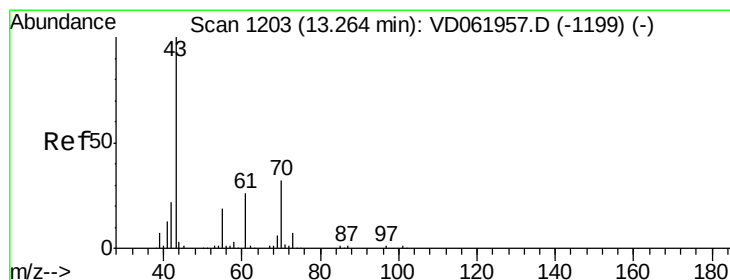
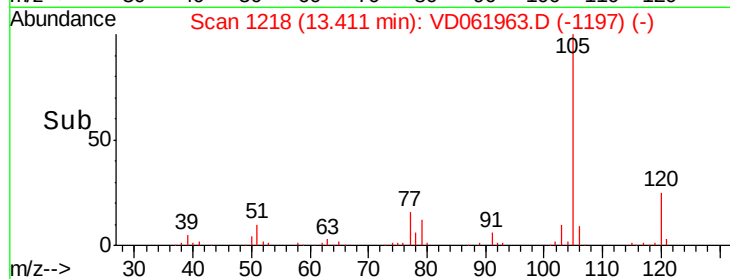
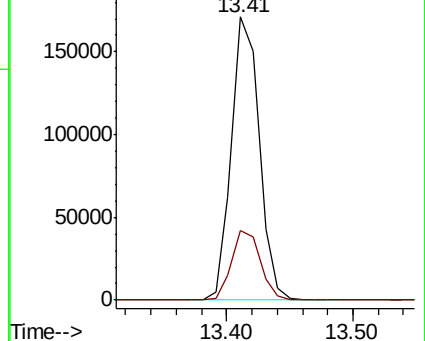
105 100

120 24.6 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 9.404 ug/l

RT: 13.27 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Tgt Ion: 43 Resp: 59743

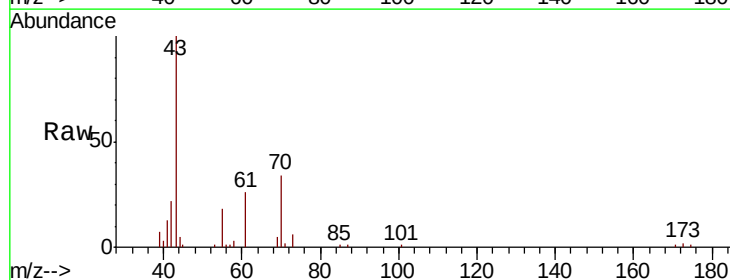
Ion Ratio Lower Upper

43 100

70 33.8 24.2 36.4

55 18.1 16.0 24.0

61 25.8 21.6 32.4

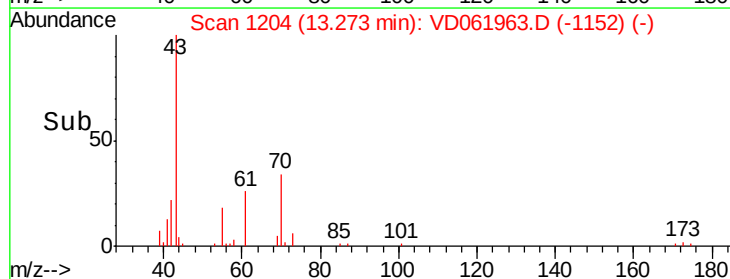
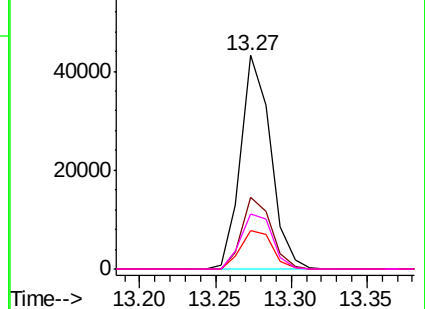


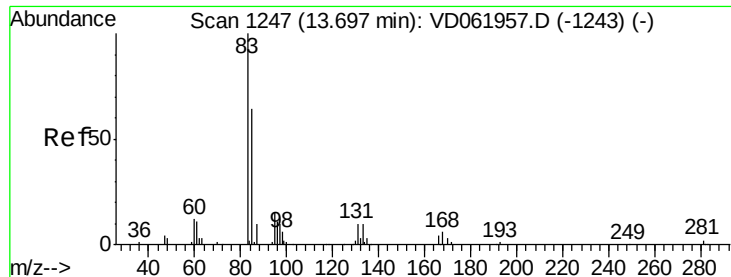
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 9.499 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

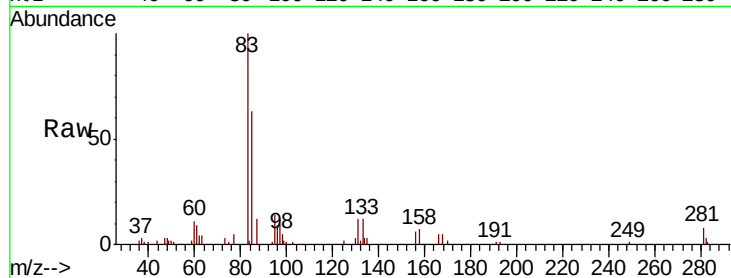
Tgt Ion: 83 Resp: 47823

Ion Ratio Lower Upper

83 100

131 11.7 5.0 14.9

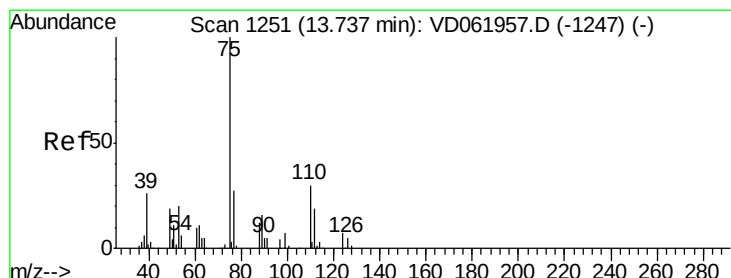
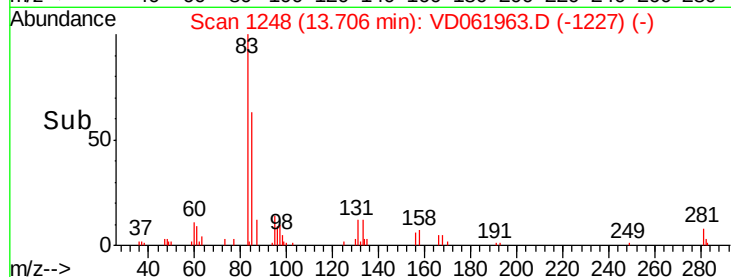
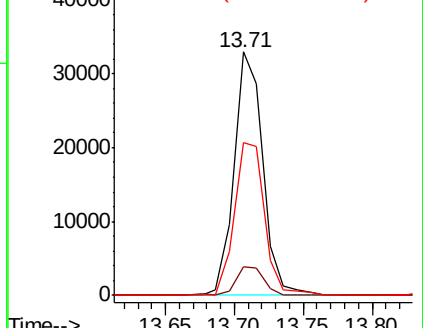
85 63.0 32.6 97.7



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 9.490 ug/l

RT: 13.75 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VD061963.D

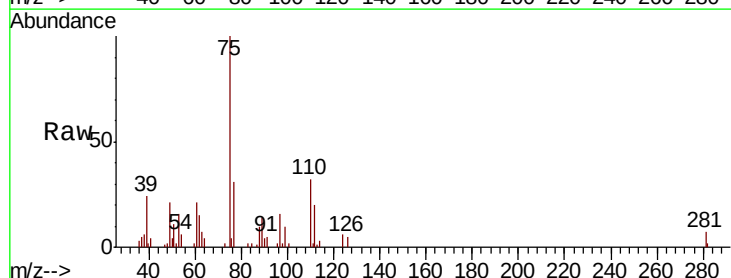
Acq: 23 Apr 2019 11:00

Tgt Ion: 75 Resp: 46155

Ion Ratio Lower Upper

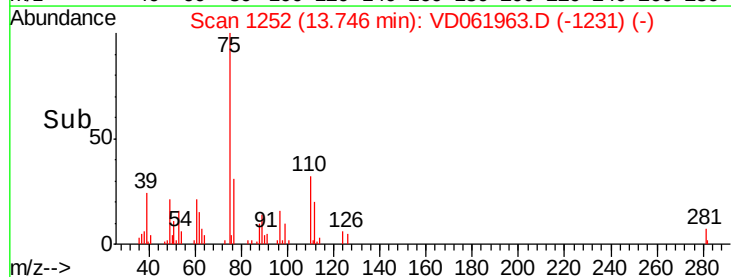
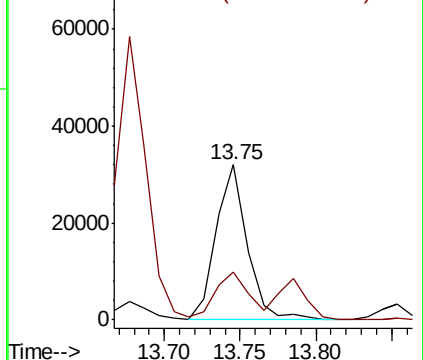
75 100

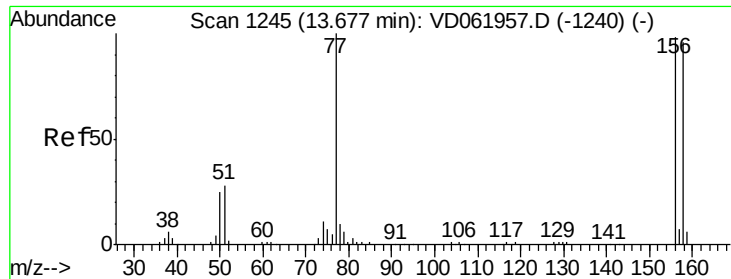
77 31.1 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 9.709 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

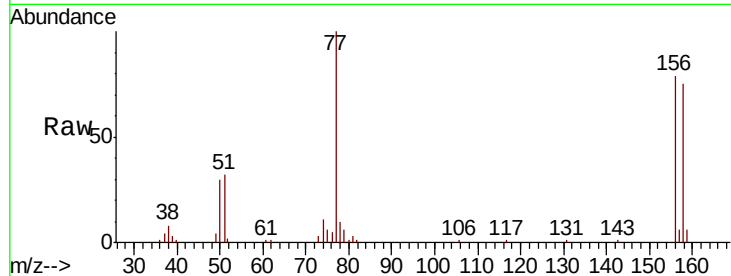
Tgt Ion: 156 Resp: 66766

Ion Ratio Lower Upper

156 100

77 127.0 53.1 159.4

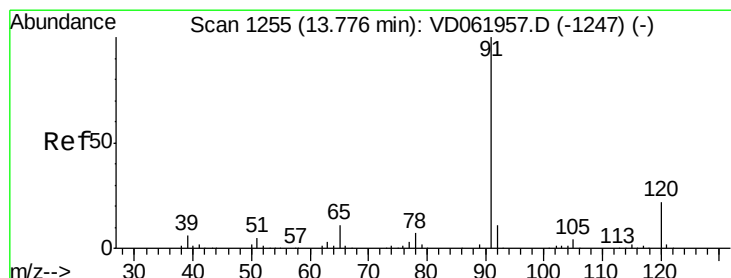
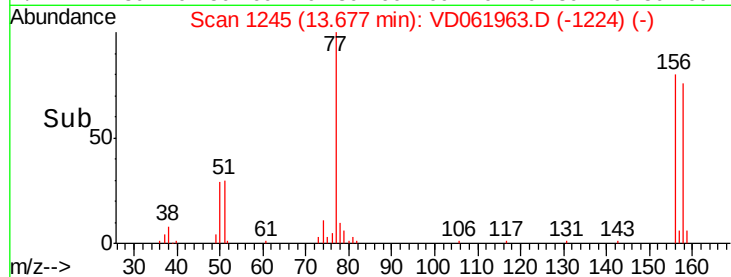
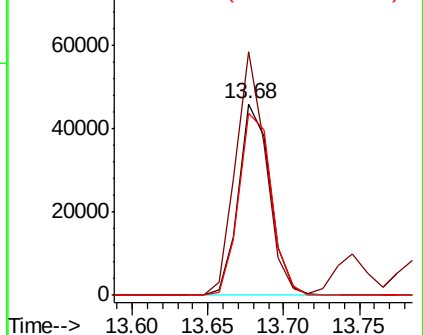
158 94.9 49.4 148.0



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: 10.947 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VD061963.D

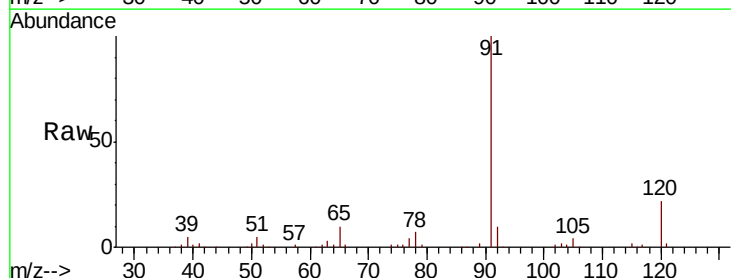
Acq: 23 Apr 2019 11:00

Tgt Ion: 91 Resp: 303507

Ion Ratio Lower Upper

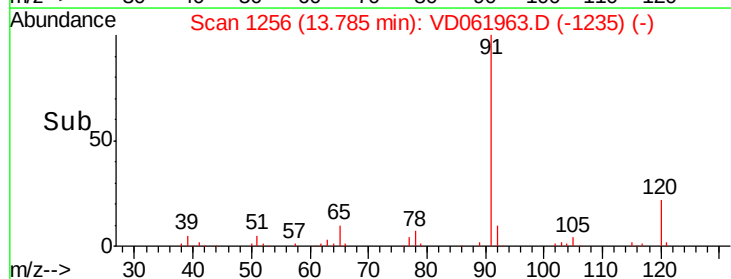
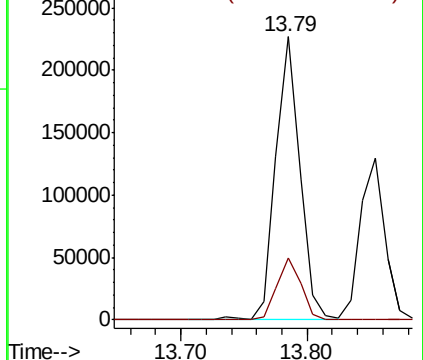
91 100

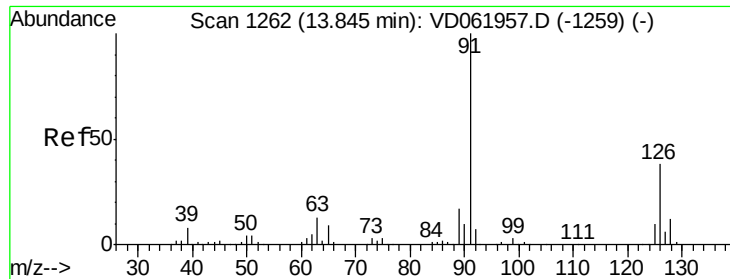
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 10.648 ug/l

RT: 13.85 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

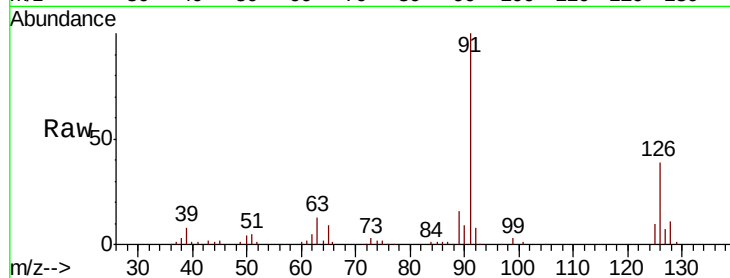
VSTDIC010

Tgt Ion: 91 Resp: 176427

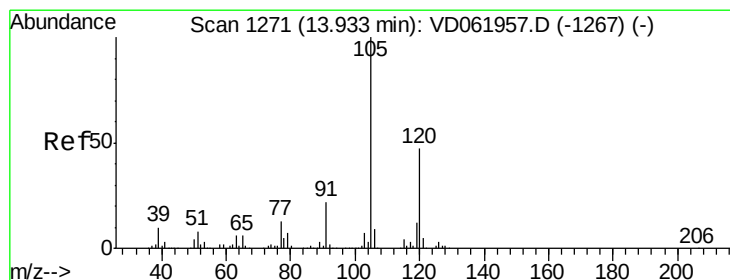
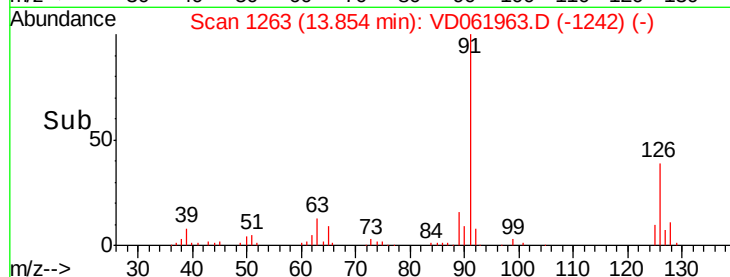
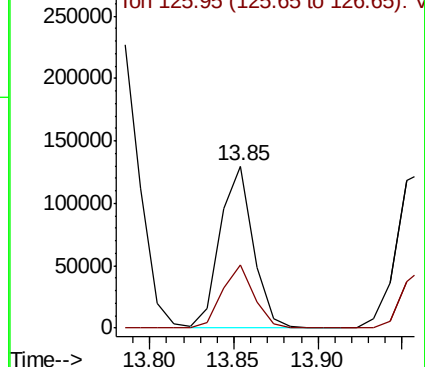
Ion Ratio Lower Upper

91 100

126 38.6 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 10.858 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VD061963.D

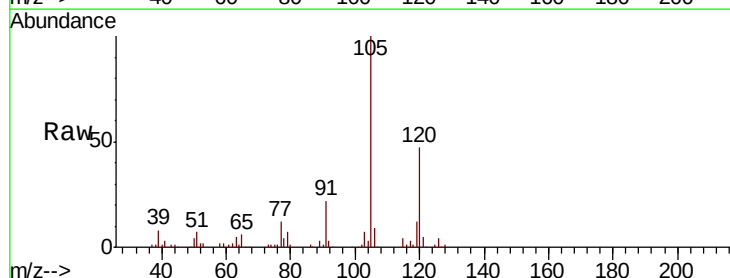
Acq: 23 Apr 2019 11:00

Tgt Ion: 105 Resp: 212266

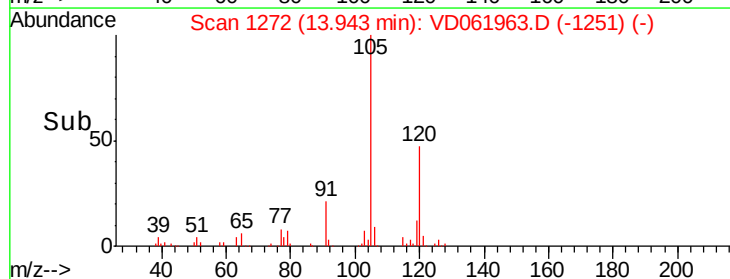
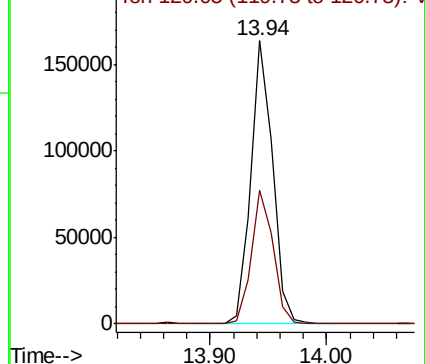
Ion Ratio Lower Upper

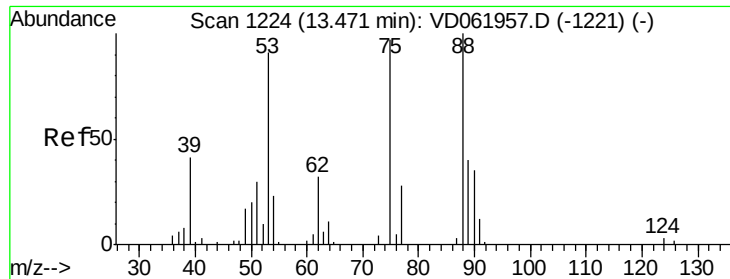
105 100

120 47.0 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.826 ug/l

RT: 13.48 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

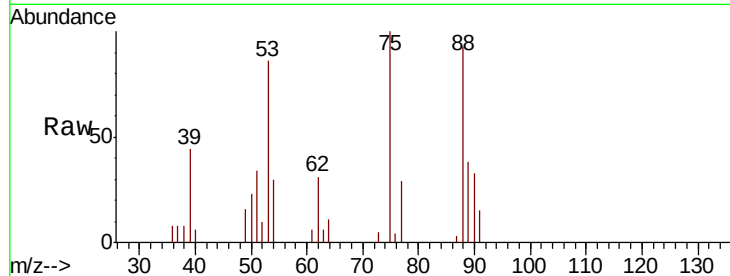
Tgt Ion: 75 Resp: 14129

Ion Ratio Lower Upper

75 100

53 85.9 65.8 98.8

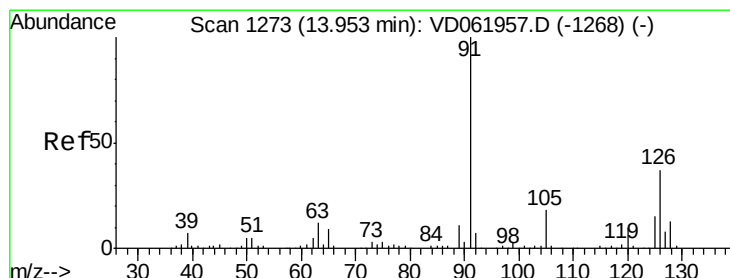
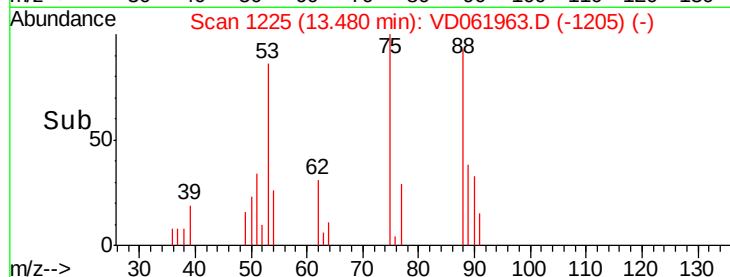
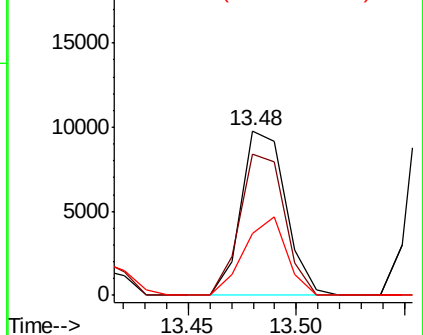
89 37.9 35.0 52.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 10.478 ug/l

RT: 13.96 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VD061963.D

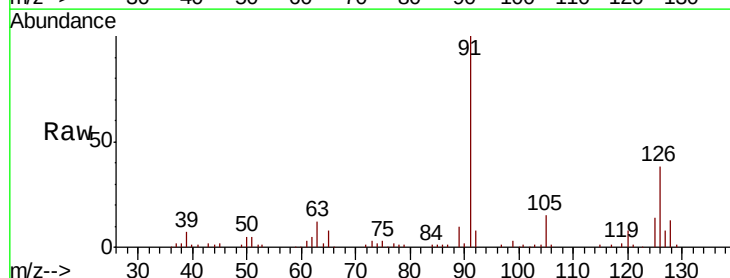
Acq: 23 Apr 2019 11:00

Tgt Ion: 91 Resp: 195618

Ion Ratio Lower Upper

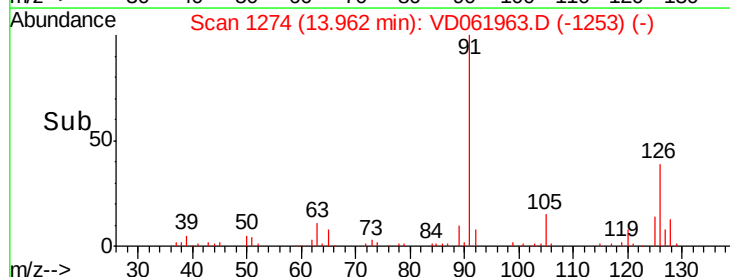
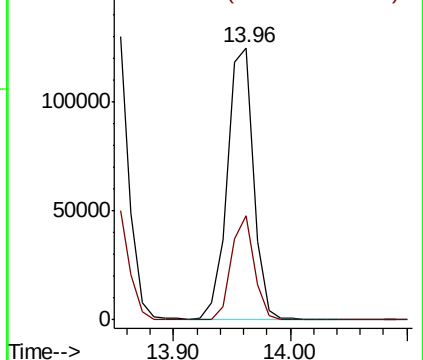
91 100

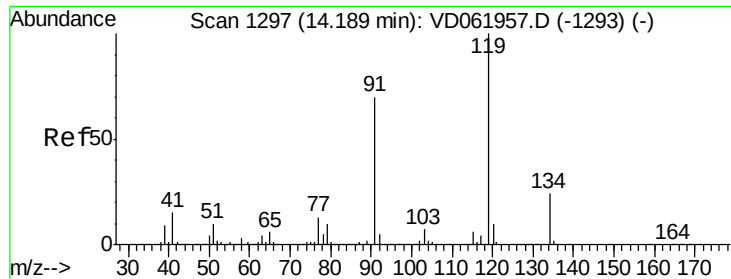
126 38.3 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#83

tert-Butylbenzene

Concen: 10.257 ug/l

RT: 14.20 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VD061963.D

Acq: 23 Apr 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

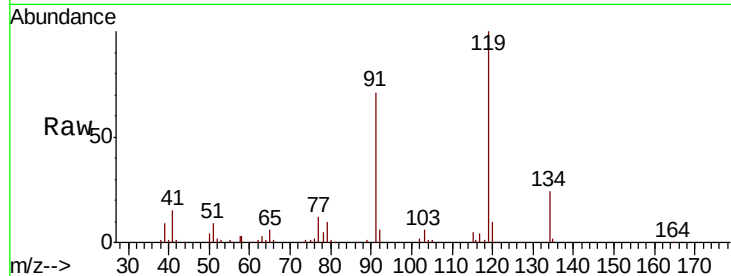
Tgt Ion:119 Resp: 227616

Ion Ratio Lower Upper

119 100

91 70.7 34.2 102.6

134 23.9 12.0 36.0



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

150000

100000

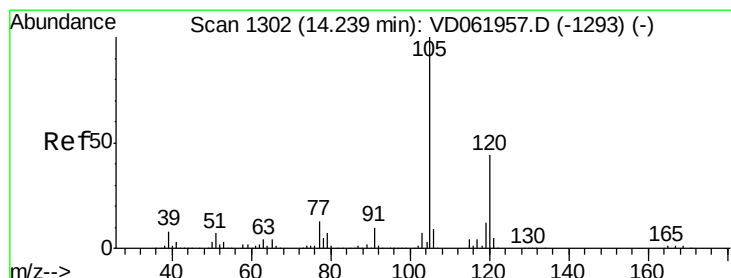
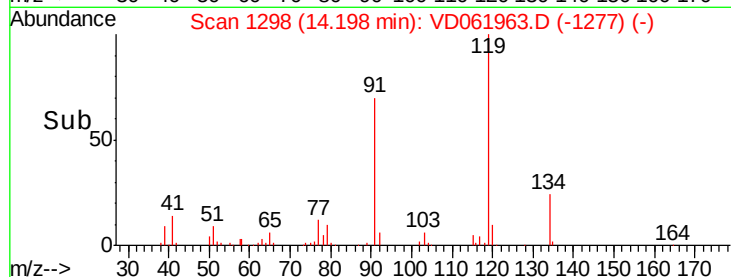
50000

0

14.20

14.10 14.20 14.30

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 9.574 ug/l

RT: 14.25 min Scan# 1303

Delta R.T. 0.01 min

Lab File: VD061963.D

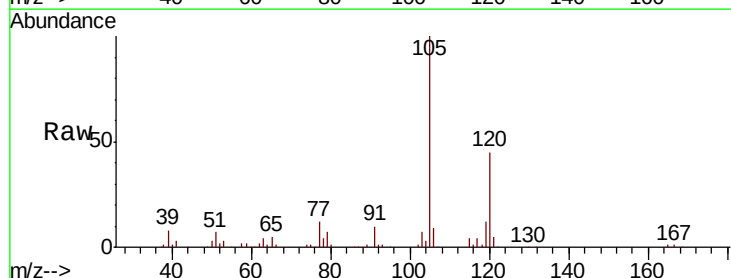
Acq: 23 Apr 2019 11:00

Tgt Ion:105 Resp: 183558

Ion Ratio Lower Upper

105 100

120 44.7 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

200000

150000

100000

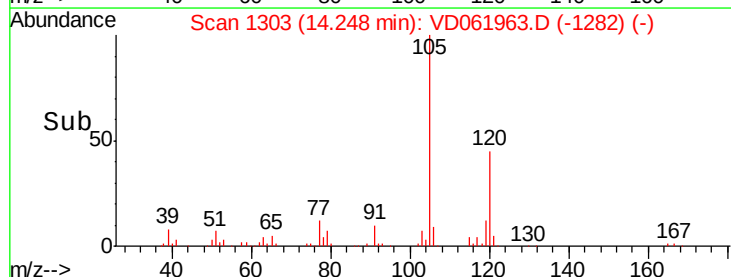
50000

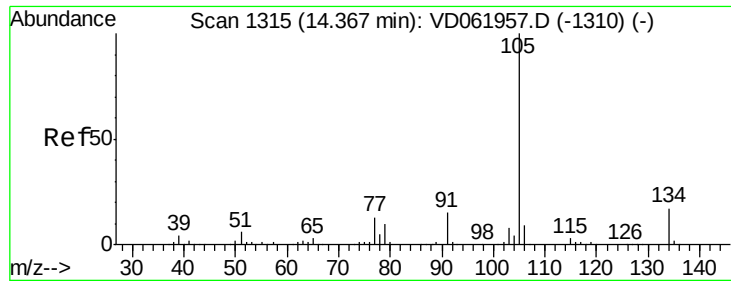
0

14.25

14.10 14.20 14.30

Time-->

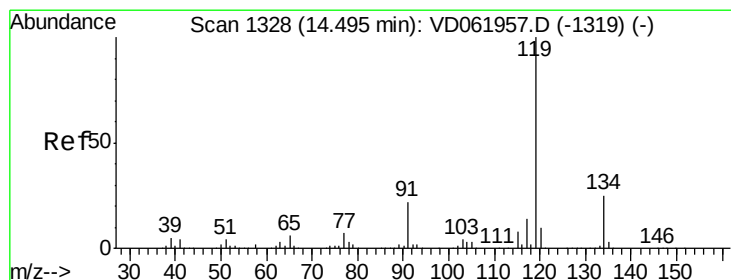
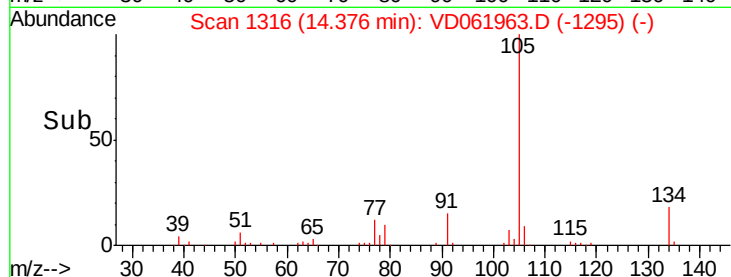
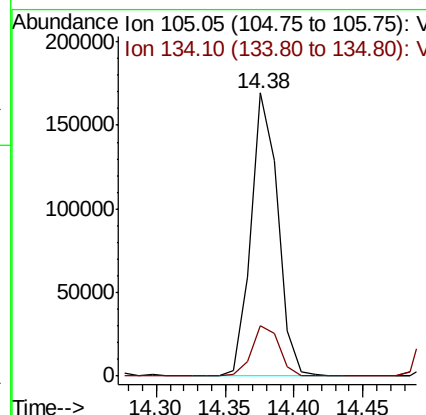
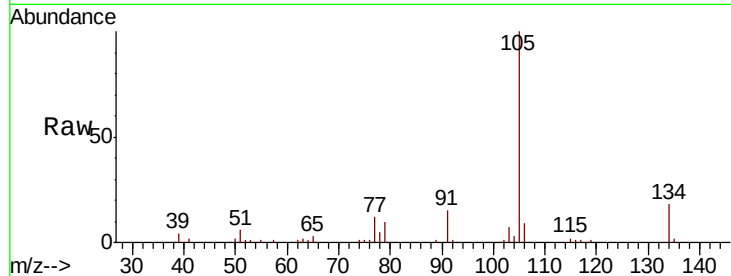




#85
 sec-Butylbenzene
 Concen: 9.701 ug/l
 RT: 14.38 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

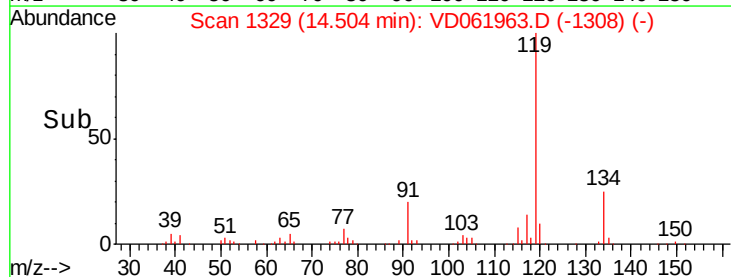
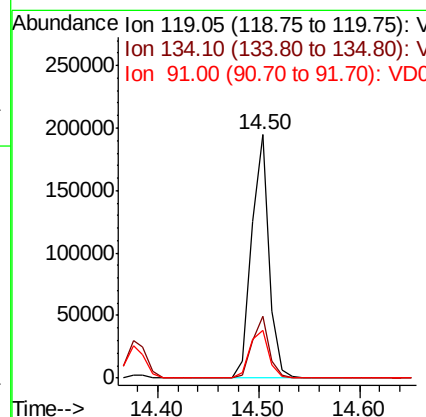
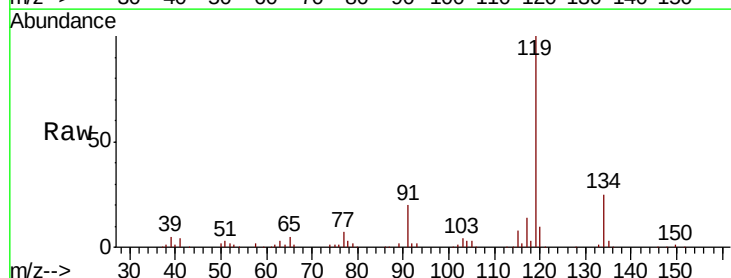
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

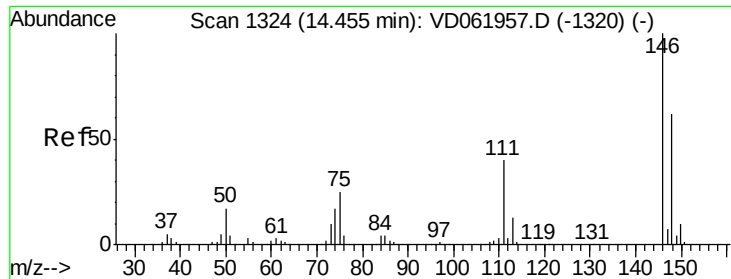
Tgt Ion:105 Resp: 231713
 Ion Ratio Lower Upper
 105 100
 134 17.6 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 10.724 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Tgt Ion:119 Resp: 234521
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 19.7 10.7 32.1

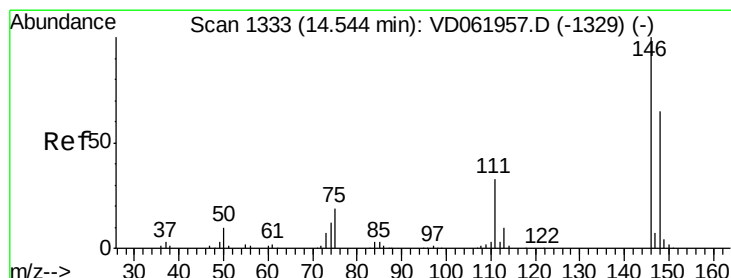
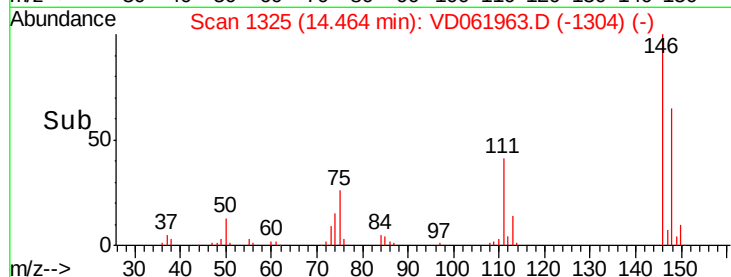
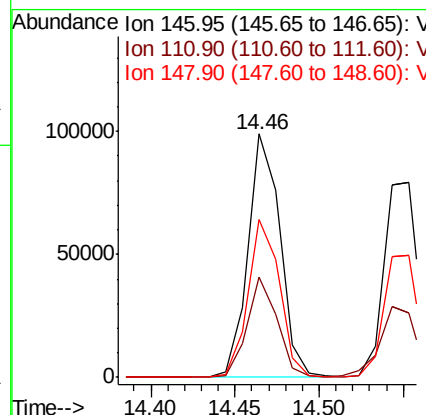
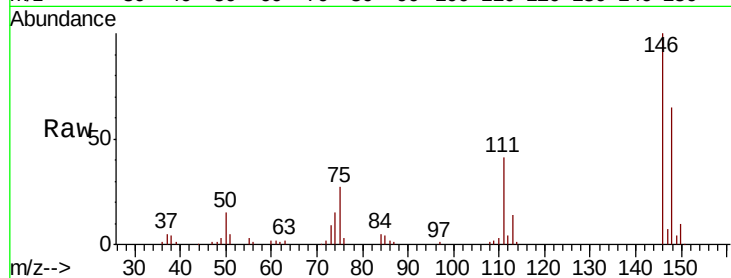




#87
 1,3-Dichlorobenzene
 Concen: 10.513 ug/l
 RT: 14.46 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

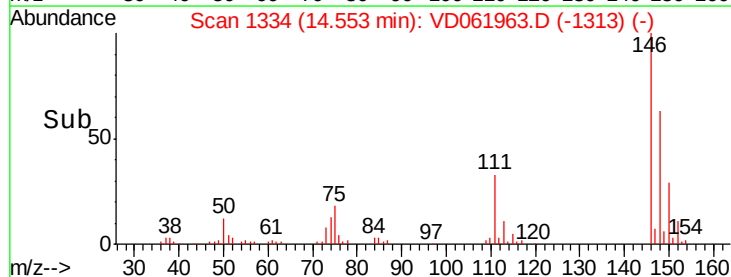
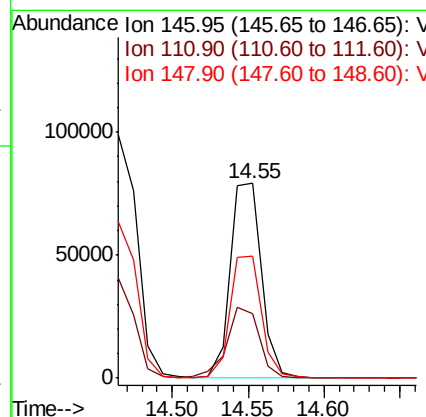
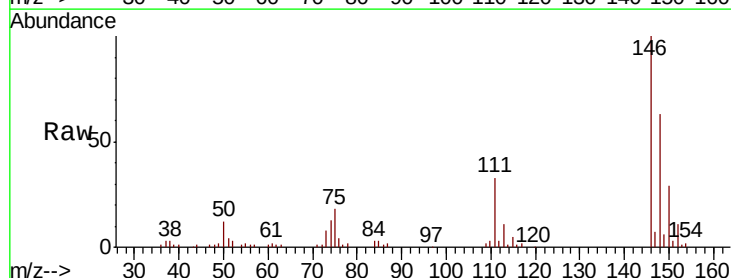
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

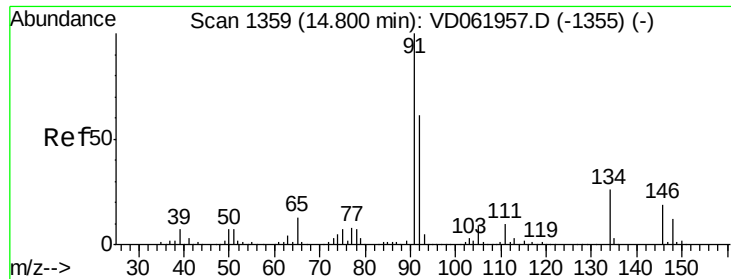
Tgt Ion:146 Resp: 130735
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 64.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 9.666 ug/l
 RT: 14.55 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Tgt Ion:146 Resp: 113328
 Ion Ratio Lower Upper
 146 100
 111 32.9 20.2 60.5
 148 62.7 32.0 96.2

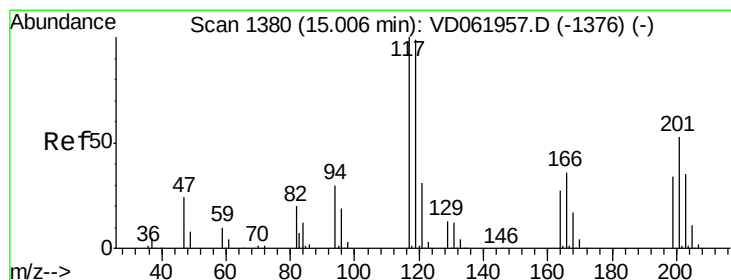
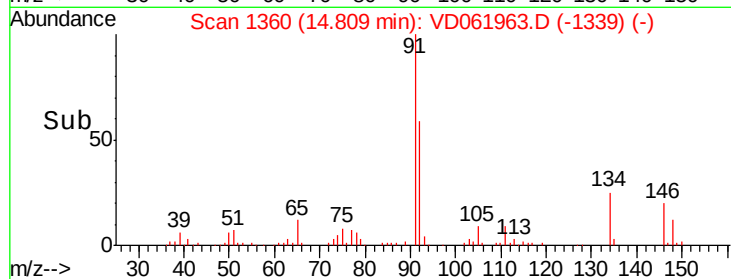
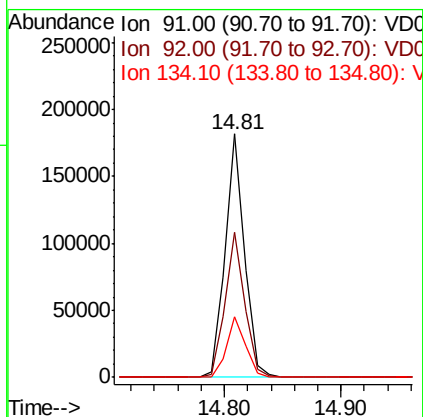
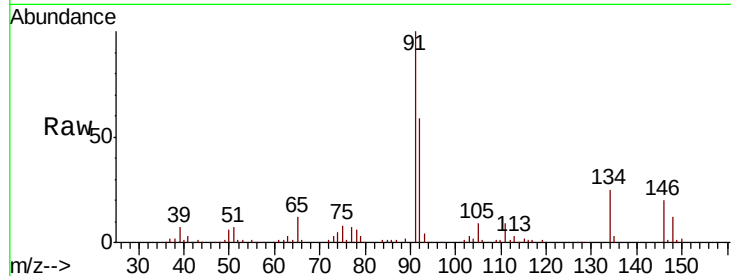




#89
n-Butylbenzene
Concen: 10.509 ug/l
RT: 14.81 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

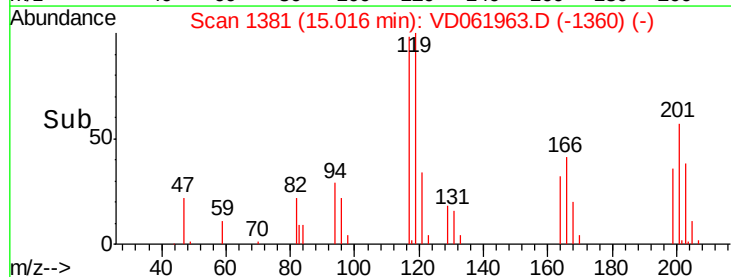
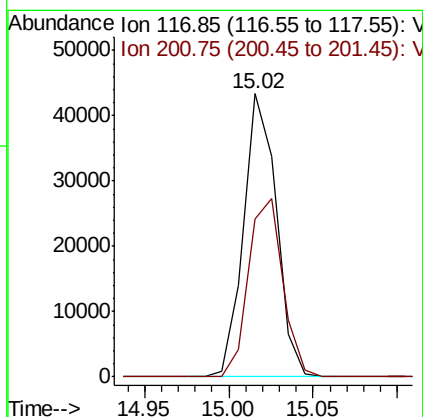
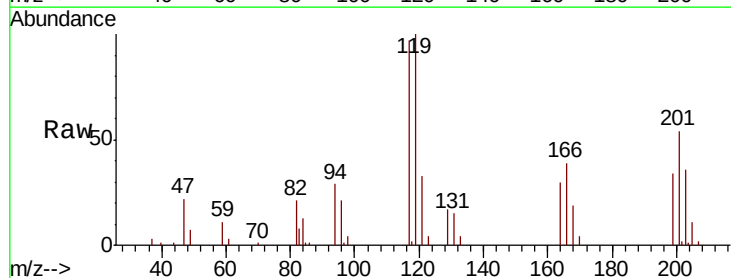
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

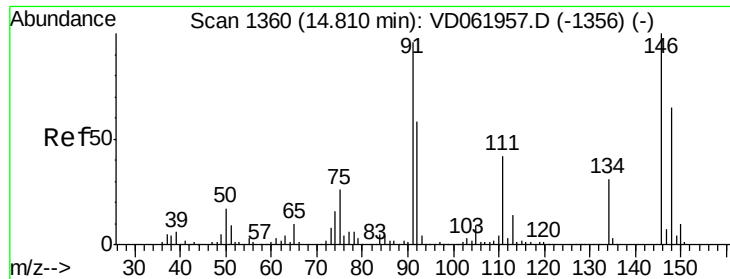
Tgt Ion: 91 Resp: 209118
Ion Ratio Lower Upper
91 100
92 59.3 30.3 91.0
134 25.1 14.5 43.6



#90
Hexachloroethane
Concen: 9.605 ug/l
RT: 15.02 min Scan# 1381
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion: 117 Resp: 58664
Ion Ratio Lower Upper
117 100
201 56.0 30.2 90.6

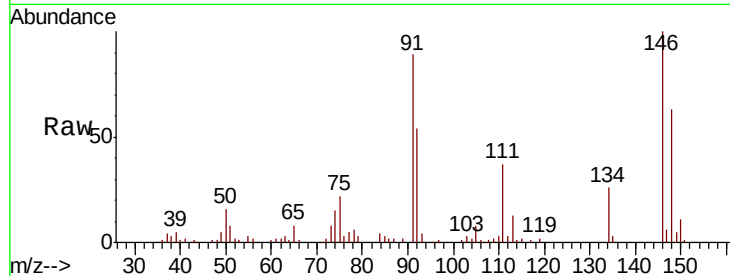




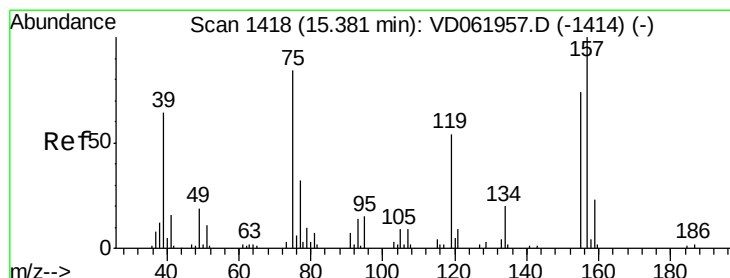
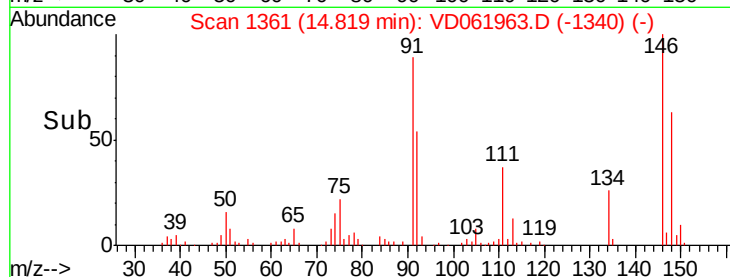
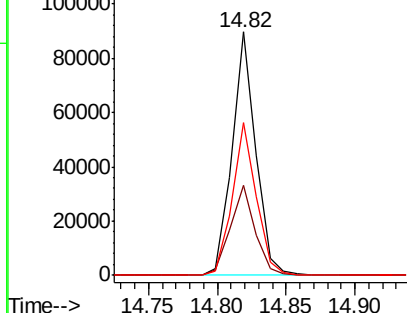
#91
 1,2-Dichlorobenzene
 Concen: 10.017 ug/l
 RT: 14.82 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 146 Resp: 106808
 Ion Ratio Lower Upper
 146 100
 111 37.2 20.0 59.9
 148 62.8 32.3 96.8

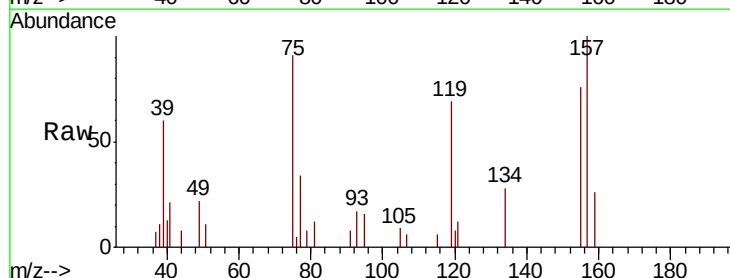


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

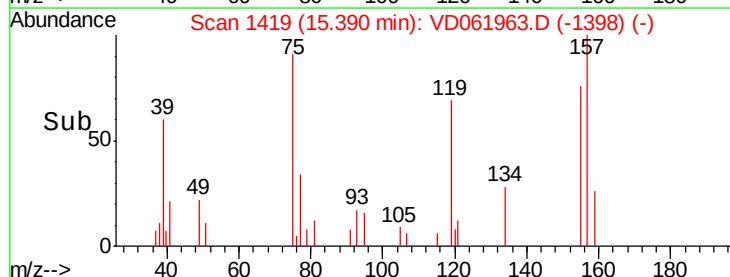
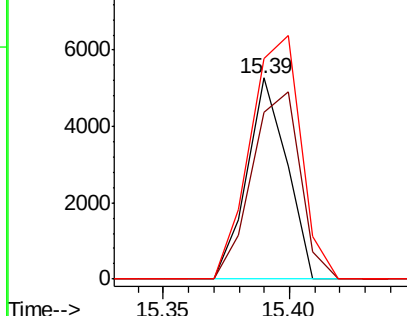


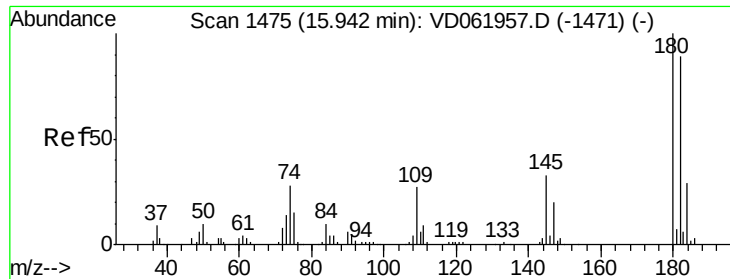
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.606 ug/l
 RT: 15.39 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Tgt Ion: 75 Resp: 5774
 Ion Ratio Lower Upper
 75 100
 155 82.7 55.3 165.8
 157 109.5 67.8 203.2



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

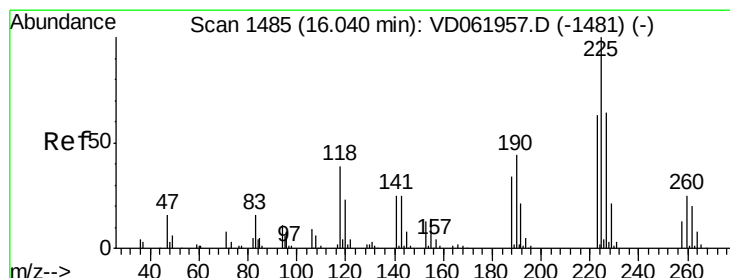
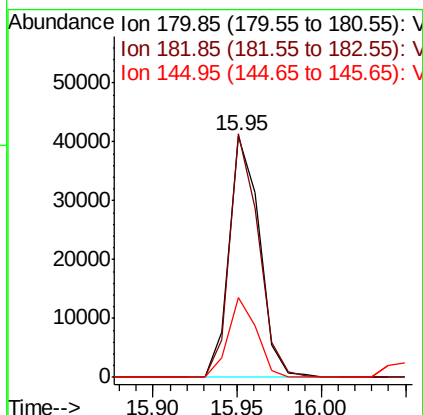
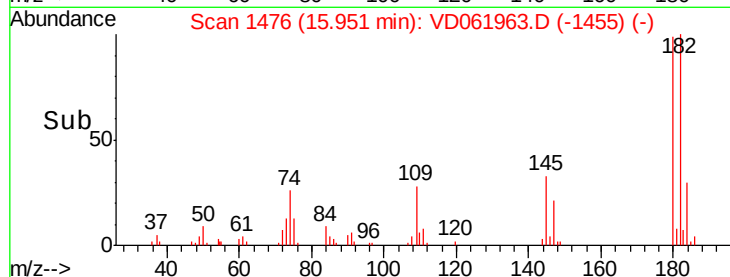
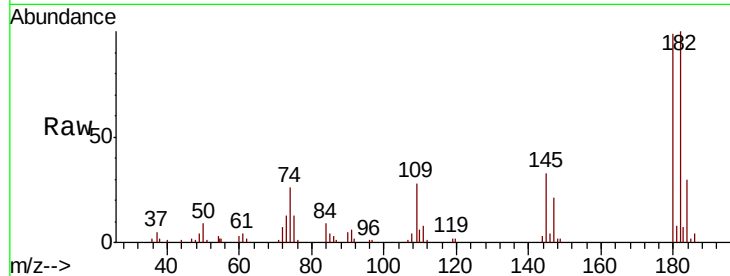




#93
 1,2,4-Trichlorobenzene
 Concen: 9.589 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

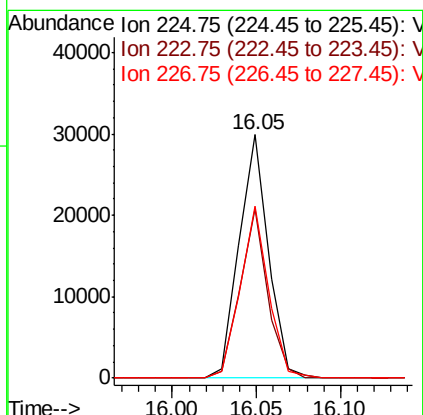
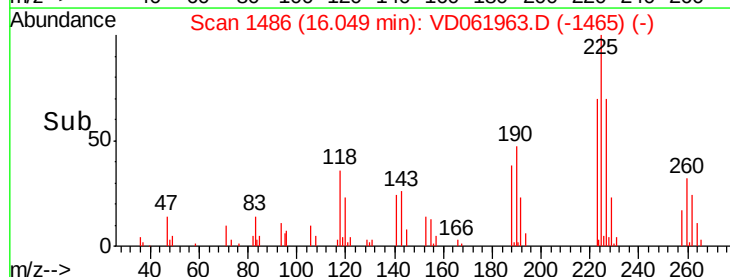
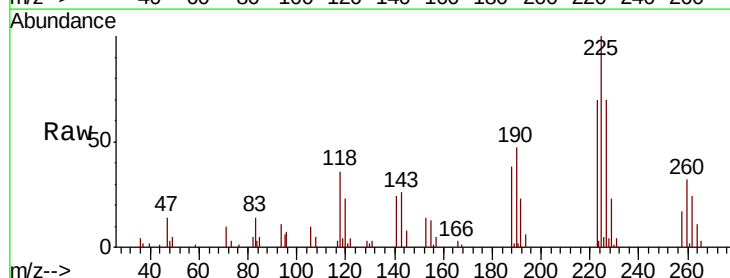
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

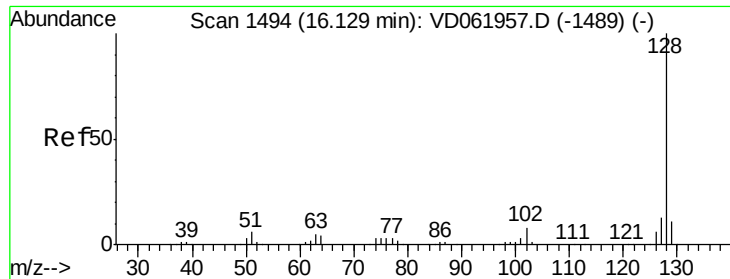
Tgt Ion:180 Resp: 51264
 Ion Ratio Lower Upper
 180 100
 182 100.9 49.3 147.8
 145 33.0 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 9.265 ug/l
 RT: 16.05 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD061963.D
 Acq: 23 Apr 2019 11:00

Tgt Ion:225 Resp: 36061
 Ion Ratio Lower Upper
 225 100
 223 69.6 30.6 92.0
 227 70.4 32.0 96.2

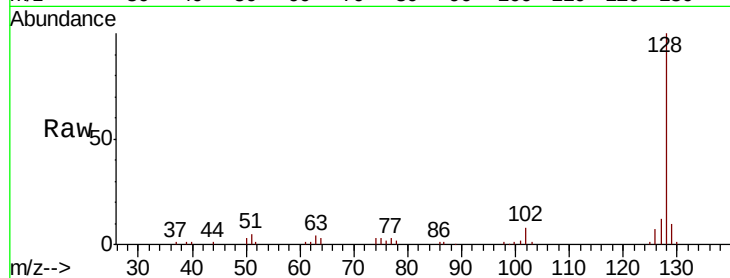




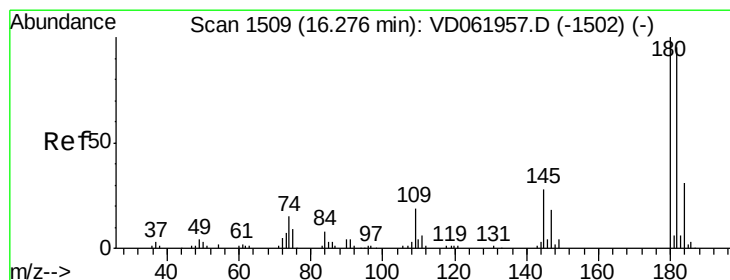
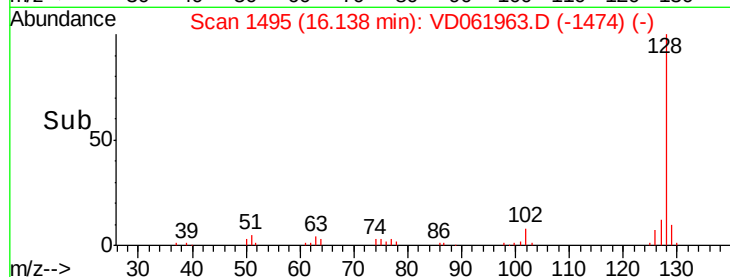
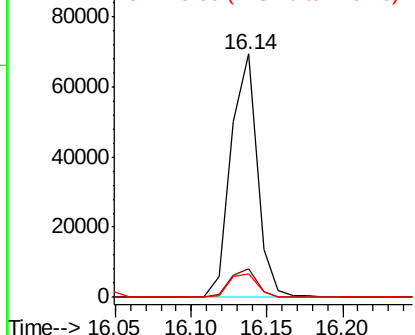
#95
Naphthalene
Concen: 9.766 ug/l
RT: 16.14 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 83839
Ion Ratio Lower Upper
128 100
127 11.6 9.8 14.8
129 9.9 8.8 13.2

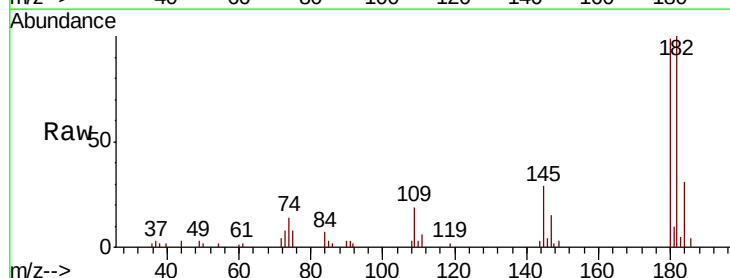


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 9.347 ug/l
RT: 16.29 min Scan# 1510
Delta R.T. 0.02 min
Lab File: VD061963.D
Acq: 23 Apr 2019 11:00

Tgt Ion:180 Resp: 27798
Ion Ratio Lower Upper
180 100
182 100.8 47.0 141.0
145 29.3 17.0 51.0



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

