

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042319\
 Data File : VD061955.D
 Acq On : 23 Apr 2019 00:17
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 23 08:58:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 08:54:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	465262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	904737	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	797645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	342611	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	46041	11.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.60%	
35) Dibromofluoromethane	6.93	113	62384	8.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.86%	
50) Toluene-d8	10.41	98	152914	9.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.76%	
62) 4-Bromofluorobenzene	13.56	95	70877	10.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	46747	10.289	ug/l	100
3) Chloromethane	1.75	50	37850	10.384	ug/l	91
4) Vinyl Chloride	1.85	62	33256	9.503	ug/l	95
5) Bromomethane	2.17	94	12299	12.986	ug/l #	91
6) Chloroethane	2.27	64	14458	11.991	ug/l	93
7) Trichlorofluoromethane	2.54	101	54231	9.373	ug/l	100
8) Diethyl Ether	2.88	74	14367	9.660	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.16	101	52318	10.280	ug/l	96
10) Methyl Iodide	3.32	142	60957	8.765	ug/l	96
11) Tert butyl alcohol	4.07	59	11461	49.037	ug/l	95
12) 1,1-Dichloroethene	3.14	96	41608	9.765	ug/l	95
13) Acrolein	3.04	56	5819	25.519	ug/l	86
14) Allyl chloride	3.63	41	56606	9.684	ug/l	92
15) Acrylonitrile	4.19	53	34897	47.601	ug/l	93
16) Acetone	3.23	43	46872	50.143	ug/l	99
17) Carbon Disulfide	3.39	76	112613	8.274	ug/l	97
18) Methyl Acetate	3.64	43	19606	10.129	ug/l #	85
19) Methyl tert-butyl Ether	4.24	73	87716	10.500	ug/l	93
20) Methylene Chloride	3.82	84	59636	10.299	ug/l	96
21) trans-1,2-Dichloroethene	4.23	96	48472	10.062	ug/l	92
22) Diisopropyl ether	5.12	45	134849	10.380	ug/l	98
23) Vinyl Acetate	5.06	43	348806	49.892	ug/l	99
24) 1,1-Dichloroethane	4.99	63	81156	10.269	ug/l	99
25) 2-Butanone	6.07	43	54555	48.732	ug/l	96
26) 2,2-Dichloropropane	6.03	77	72459	10.837	ug/l	93
27) cis-1,2-Dichloroethene	6.04	96	57208	10.878	ug/l	96
28) Bromochloromethane	6.44	49	31506	10.374	ug/l	93
29) Tetrahydrofuran	6.46	42	28658	51.735	ug/l	97
30) Chloroform	6.67	83	92735	10.500	ug/l	98
31) Cyclohexane	6.96	56	56300	9.635	ug/l	94
32) 1,1,1-Trichloroethane	6.87	97	82129	10.610	ug/l	95
36) 1,1-Dichloropropene	7.15	75	66789	8.947	ug/l	98
37) Ethyl Acetate	6.18	43	26704	8.275	ug/l	99
38) Carbon Tetrachloride	7.12	117	89527	9.495	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	70466	9.213	ug/l	92
40) Benzene	7.46	78	169333	9.428	ug/l	99
41) Methacrylonitrile	6.45	41	34371	8.915	ug/l	96
42) 1,2-Dichloroethane	7.58	62	65866	10.401	ug/l	93
43) Isopropyl Acetate	9.23	43	45451	10.089	ug/l	97
44) Trichloroethene	8.54	130	65315	9.415	ug/l	90
45) 1,2-Dichloropropane	8.94	63	44368	9.468	ug/l	96
46) Dibromomethane	9.07	93	34833	10.363	ug/l	95
47) Bromodichloromethane	9.38	83	76656	10.021	ug/l	99
48) Methyl methacrylate	9.13	41	27611	10.511	ug/l	95
49) 1,4-Dioxane	9.09	88	5462	190.268	ug/l #	88
51) 4-Methyl-2-Pentanone	10.30	43	136035	48.418	ug/l	97
52) Toluene	10.51	92	117936	10.190	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	67273	9.774	ug/l	96
54) cis-1,3-Dichloropropene	10.04	75	82206	10.147	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	41670	10.676	ug/l	96
56) Ethyl methacrylate	11.04	69	41207	9.560	ug/l	89
57) 1,3-Dichloropropane	11.41	76	59091	10.006	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.85	63	118846	57.093	ug/l	95
59) 2-Hexanone	11.54	43	106563	52.101	ug/l	94
60) Dibromochloromethane	11.68	129	64090	10.161	ug/l	96
61) 1,2-Dibromoethane	11.80	107	47752	9.898	ug/l	98
64) Tetrachloroethene	11.26	164	54724	9.153	ug/l	96
65) Chlorobenzene	12.40	112	158997	10.515	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	61327	9.701	ug/l	99
67) Ethyl Benzene	12.52	91	235732	9.786	ug/l	99
68) m/p-Xylenes	12.67	106	189267	21.199	ug/l	94
69) o-Xylene	13.05	106	80285	9.445	ug/l	96
70) Styrene	13.07	104	148775	10.244	ug/l	99
71) Bromoform	13.24	173	35695	9.513	ug/l #	97
73) Isopropylbenzene	13.41	105	237007	10.826	ug/l	99
74) N-amyl acetate	13.27	43	57979	9.749	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	46028	10.496	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	46785	10.413	ug/l	97
77) Bromobenzene	13.67	156	63971	10.181	ug/l	98
78) n-propylbenzene	13.77	91	277163	10.892	ug/l	99
79) 2-Chlorotoluene	13.84	91	156883	10.493	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	211157	11.897	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	12403	9.628	ug/l	98
82) 4-Chlorotoluene	13.95	91	196586	11.434	ug/l	99
83) tert-Butylbenzene	14.19	119	206752	10.041	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	201900	11.690	ug/l	97
85) sec-Butylbenzene	14.37	105	253097	11.847	ug/l	94
86) p-Isopropyltoluene	14.49	119	225698	11.387	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	121810	11.146	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	120132	11.140	ug/l	98
89) n-Butylbenzene	14.80	91	204955	11.531	ug/l	99
90) Hexachloroethane	15.01	117	56311	10.358	ug/l	66
91) 1,2-Dichlorobenzene	14.81	146	107499	11.584	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	6014	9.919	ug/l	79

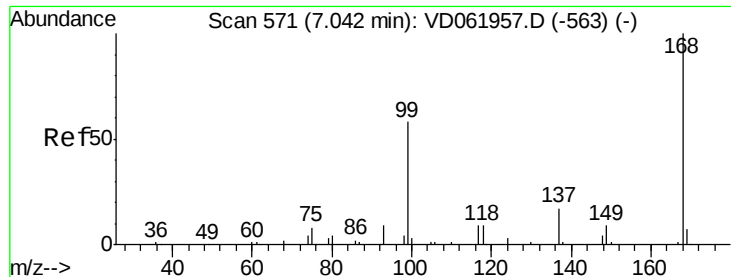
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042319\
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Quant Title : SW846 8260
QLast Update : Tue Apr 23 08:54:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	49859	9.866	ug/l	95
94) Hexachlorobutadiene	16.04	225	36917	10.129	ug/l	94
95) Naphthalene	16.12	128	76022	9.853	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	27497	9.605	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

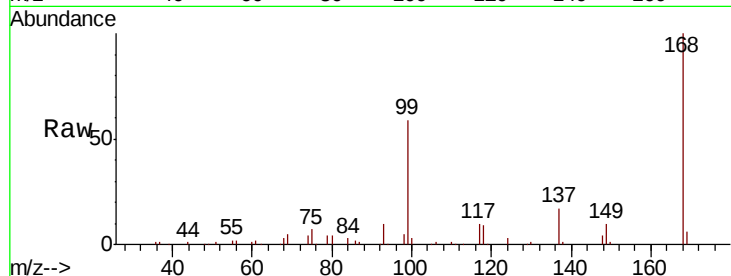
VSTDIC010

Tgt Ion:168 Resp: 465262

Ion Ratio Lower Upper

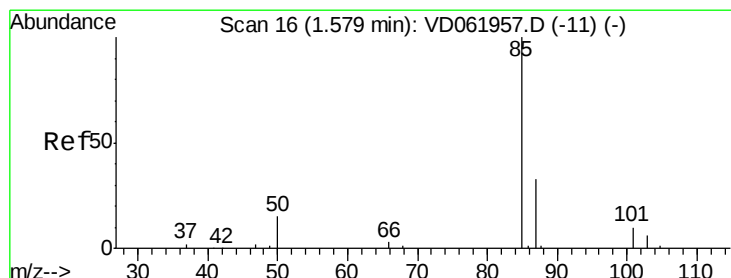
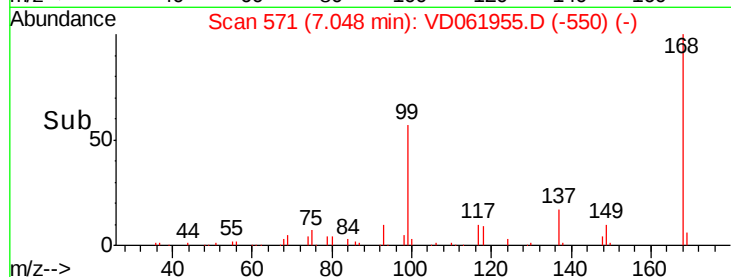
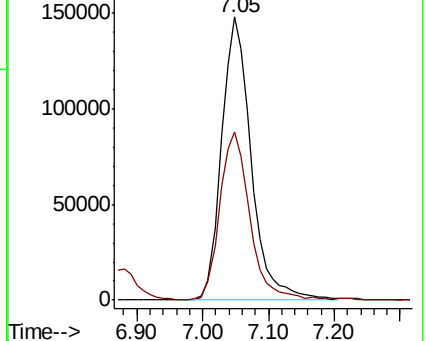
168 100

99 59.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 10.289 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.01 min

Lab File: VD061955.D

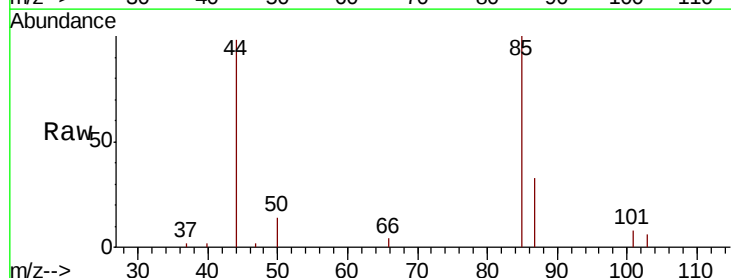
Acq: 23 Apr 2019 00:17

Tgt Ion: 85 Resp: 46747

Ion Ratio Lower Upper

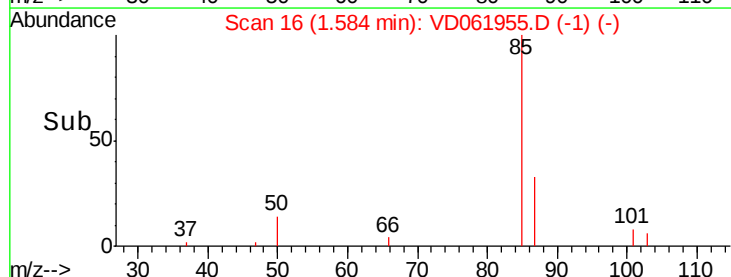
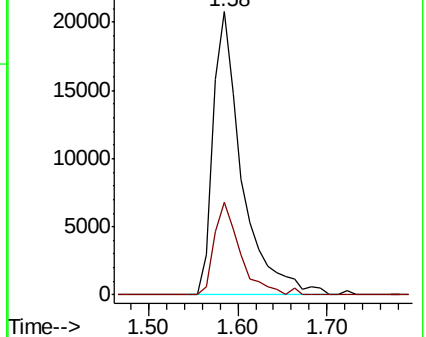
85 100

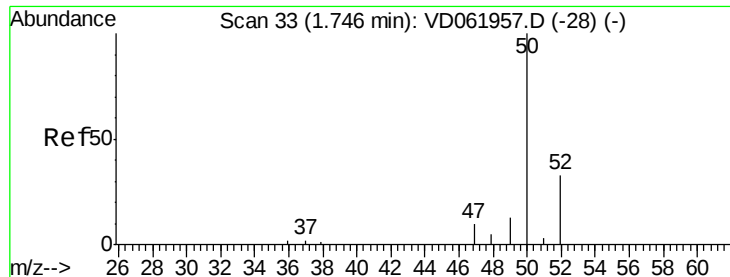
87 32.9 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 10.384 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

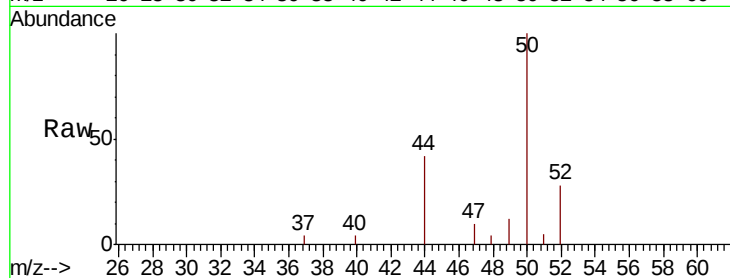
VSTDIC010

Tgt Ion: 50 Resp: 37850

Ion Ratio Lower Upper

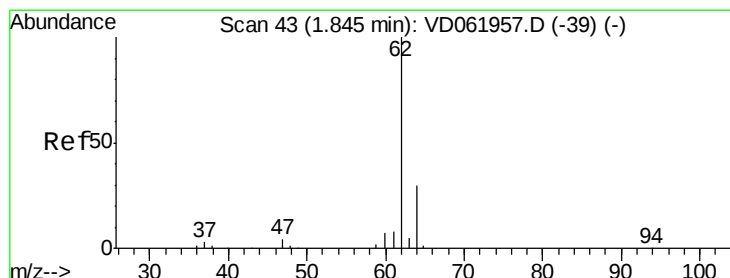
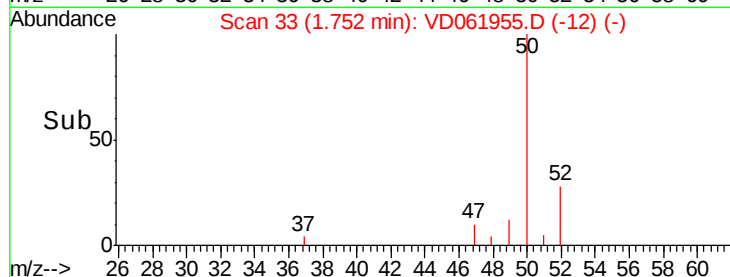
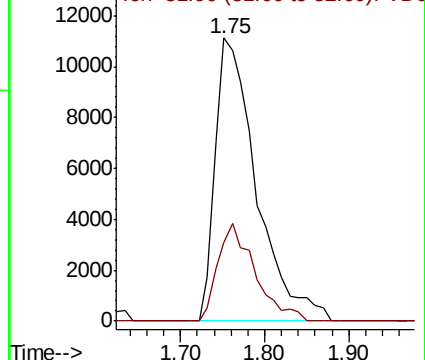
50 100

52 27.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 9.503 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.01 min

Lab File: VD061955.D

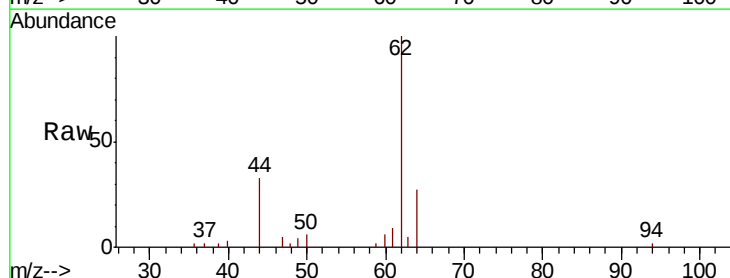
Acq: 23 Apr 2019 00:17

Tgt Ion: 62 Resp: 33256

Ion Ratio Lower Upper

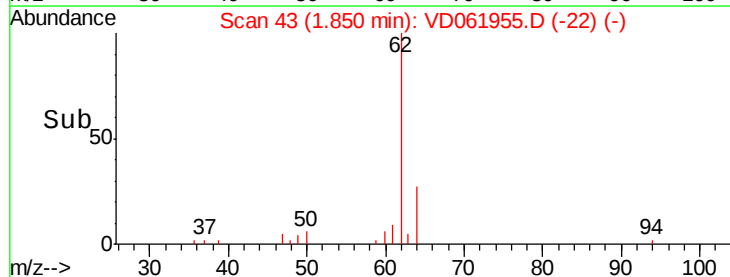
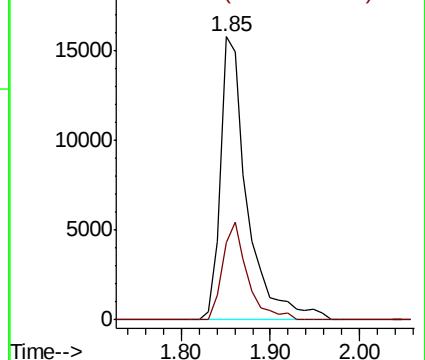
62 100

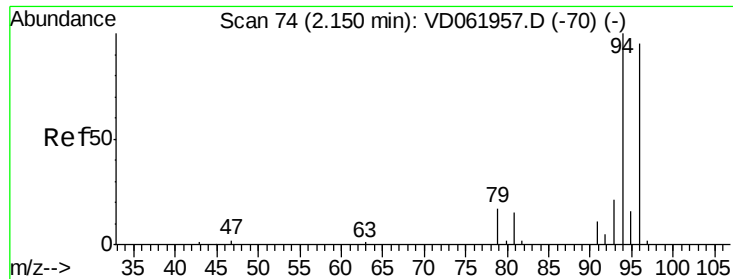
64 27.4 24.2 36.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

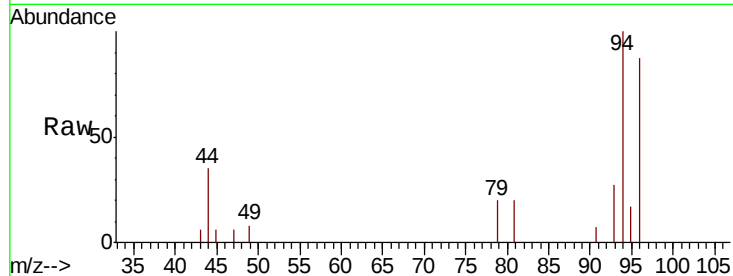




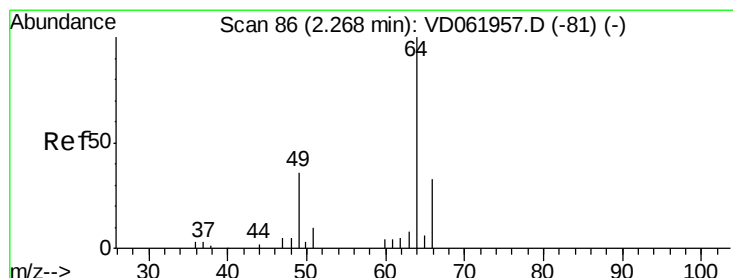
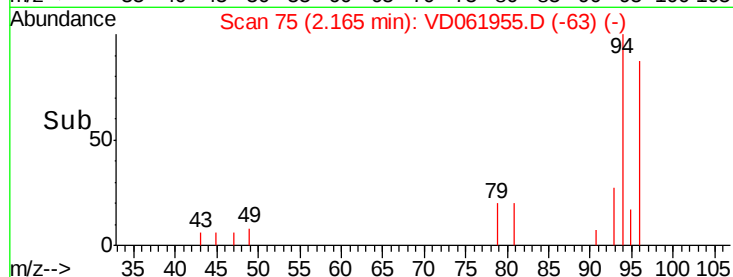
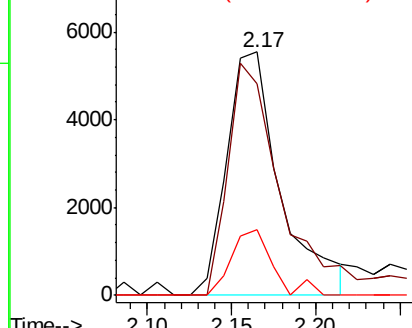
#5
Bromomethane
Concen: 12.986 ug/l
RT: 2.17 min Scan# 75
Delta R.T. 0.02 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 12299
Ion Ratio Lower Upper
94 100
96 87.0 75.7 113.5
93 26.8 16.7 25.1#

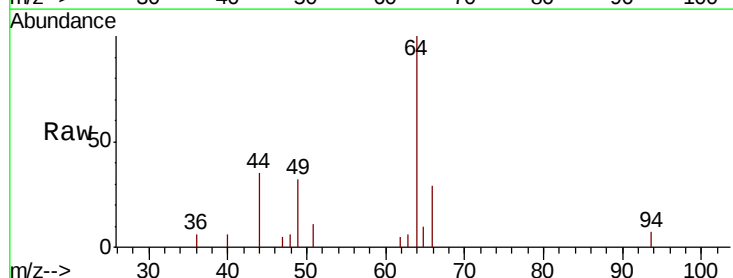


Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC

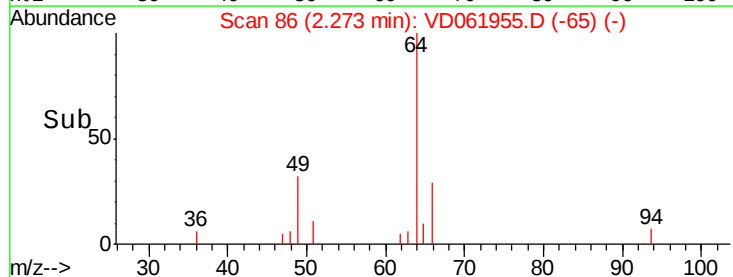
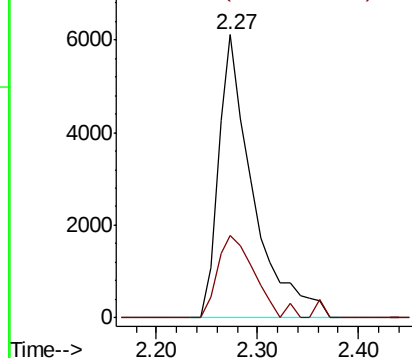


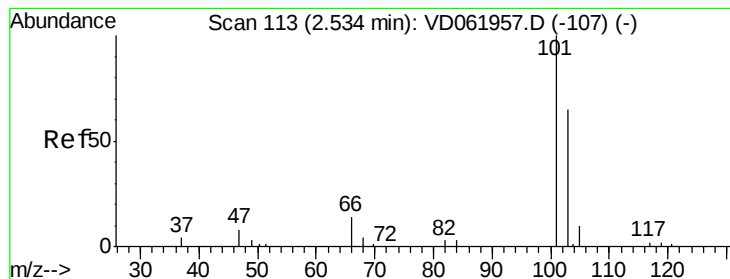
#6
Chloroethane
Concen: 11.991 ug/l
RT: 2.27 min Scan# 86
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 64 Resp: 14458
Ion Ratio Lower Upper
64 100
66 29.0 26.2 39.2



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



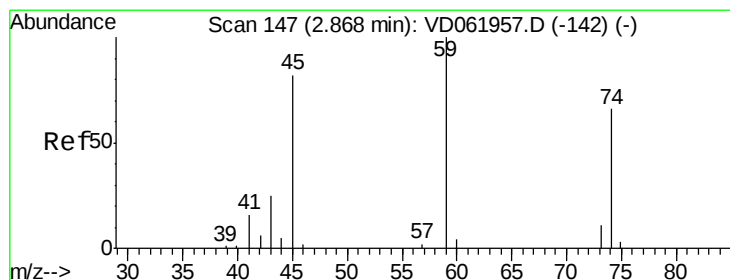
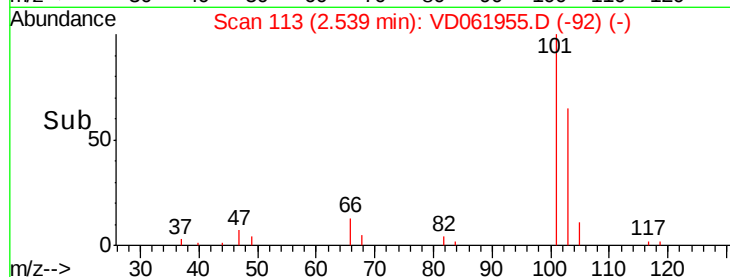
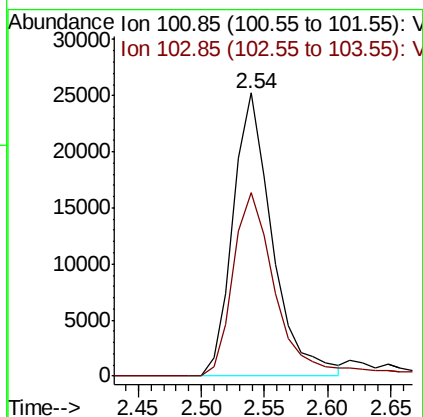
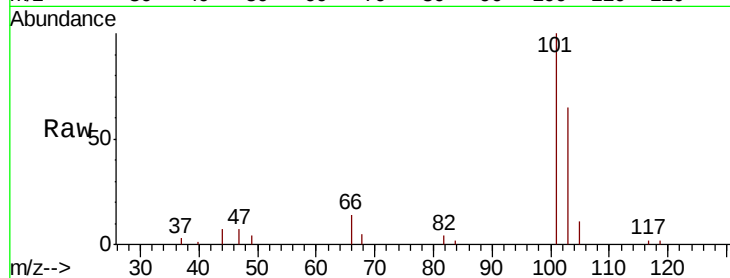


#7

Trichlorofluoromethane
 Concen: 9.373 ug/l
 RT: 2.54 min Scan# 113
 Delta R.T. 0.01 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Instrument :
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 VSTDIC010

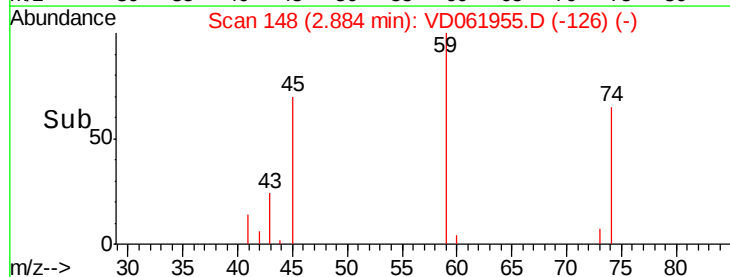
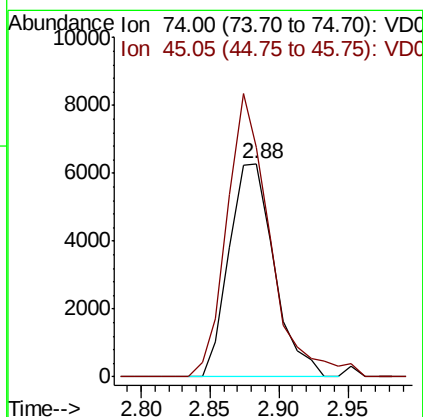
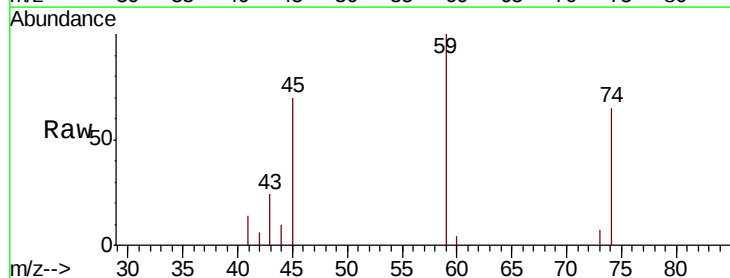
Tgt Ion: 101 Resp: 54231
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.0 78.0

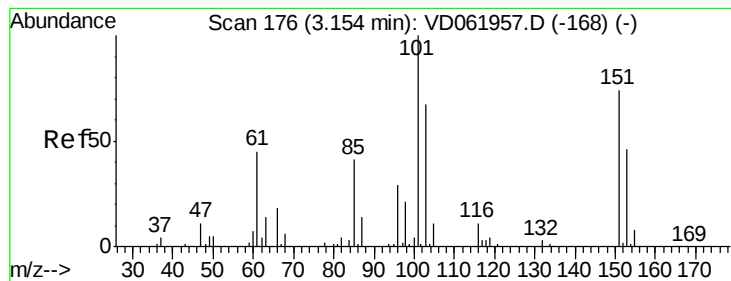


#8

Diethyl Ether
 Concen: 9.660 ug/l
 RT: 2.88 min Scan# 148
 Delta R.T. 0.02 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion: 74 Resp: 14367
 Ion Ratio Lower Upper
 74 100
 45 107.7 62.0 185.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.280 ug/l

RT: 3.16 min Scan# 176

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

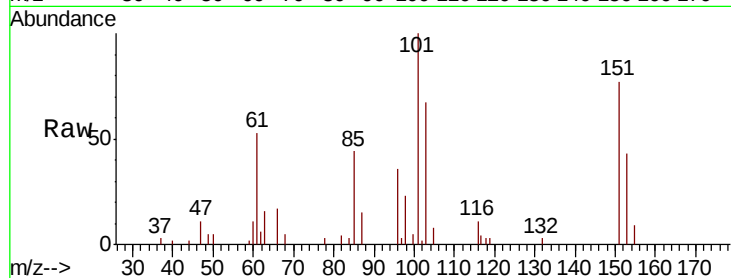
Tgt Ion:101 Resp: 52318

Ion Ratio Lower Upper

101 100

85 43.5 32.8 49.2

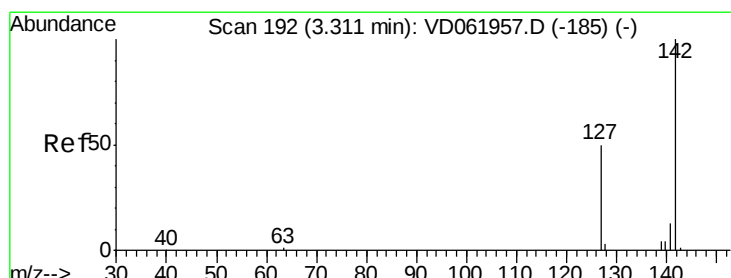
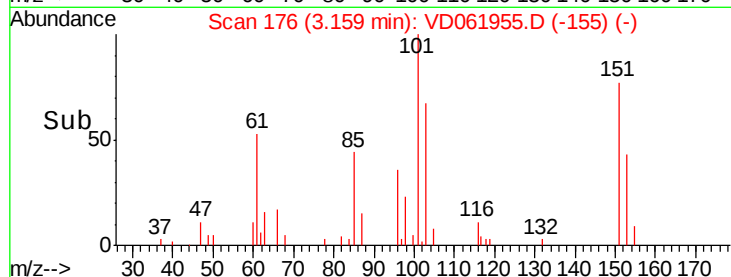
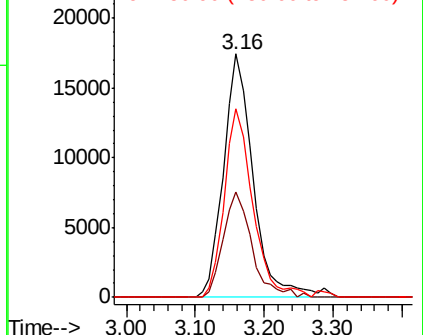
151 77.4 59.1 88.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 8.765 ug/l

RT: 3.32 min Scan# 192

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

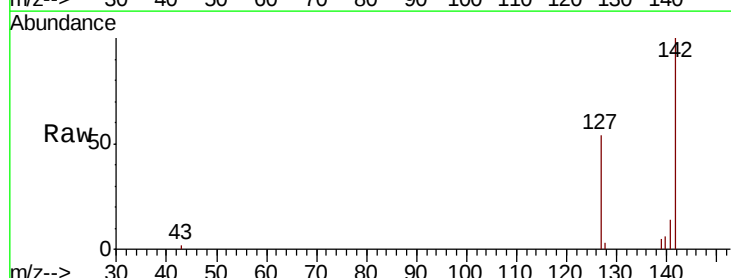
Tgt Ion:142 Resp: 60957

Ion Ratio Lower Upper

142 100

127 53.5 40.3 60.5

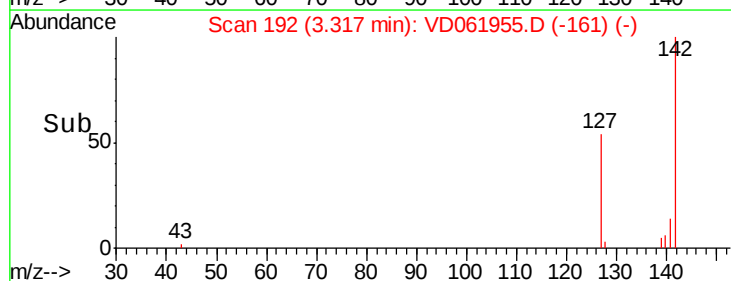
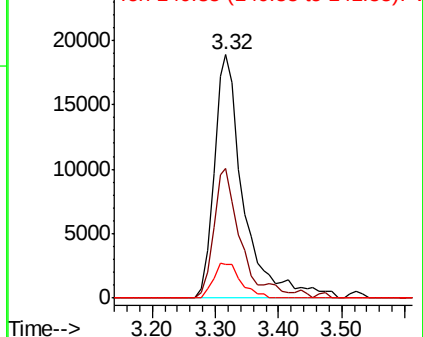
141 13.6 10.3 15.5

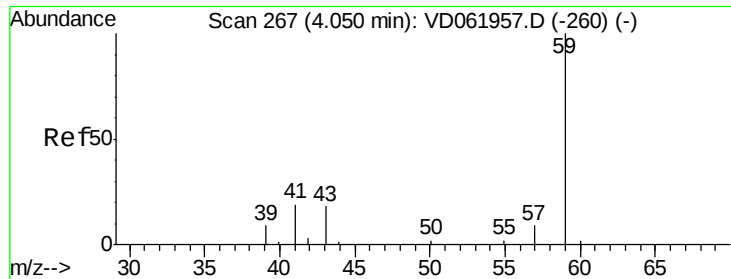


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

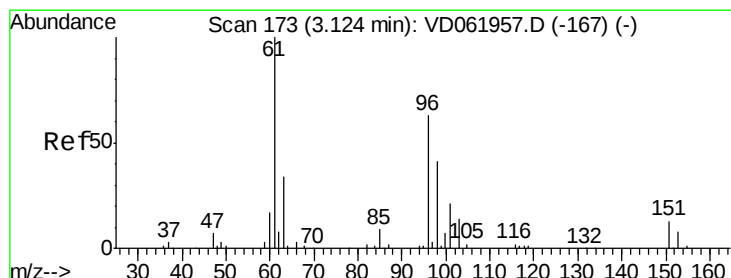
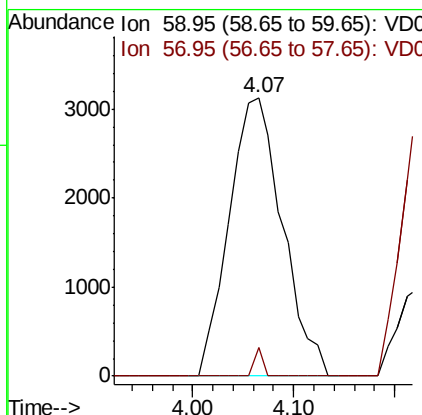
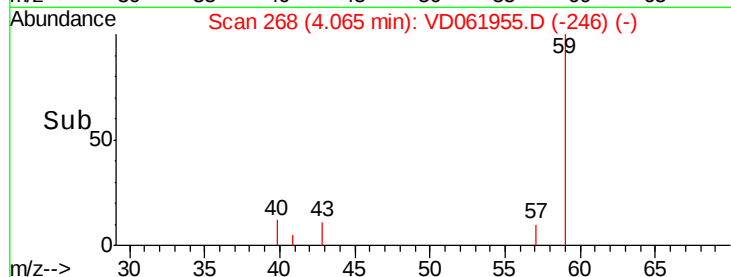
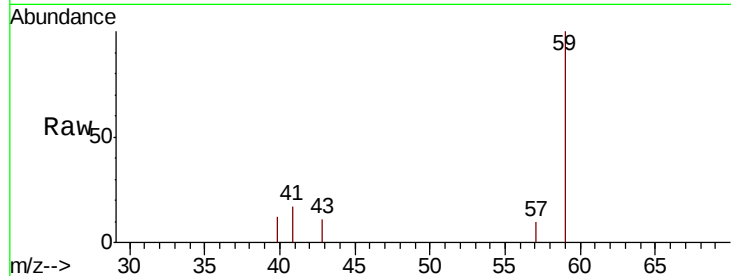




#11
Tert butyl alcohol
Concen: 49.037 ug/l
RT: 4.07 min Scan# 268
Delta R.T. 0.02 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

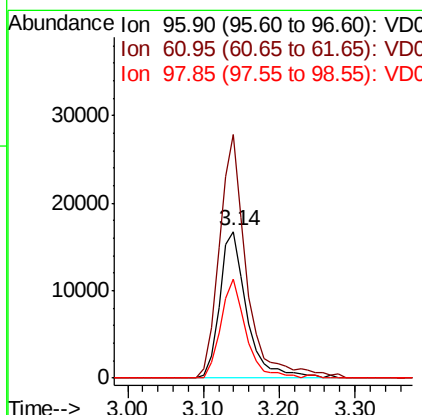
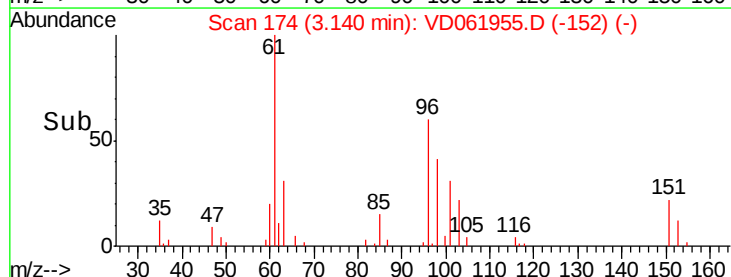
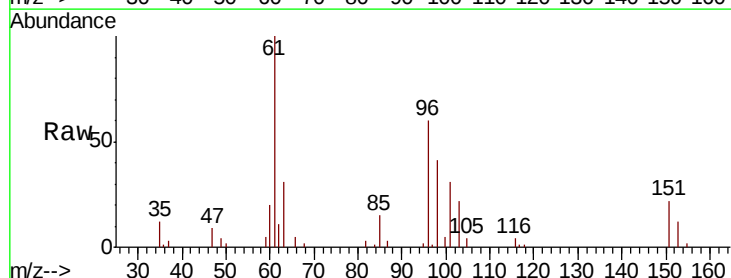
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

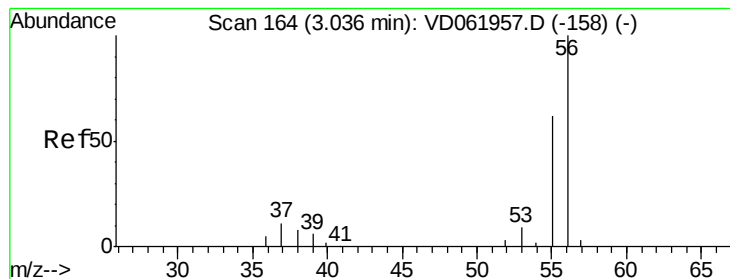
Tgt Ion: 59 Resp: 11461
Ion Ratio Lower Upper
59 100
57 10.5 7.0 10.6



#12
1,1-Dichloroethene
Concen: 9.765 ug/l
RT: 3.14 min Scan# 174
Delta R.T. 0.02 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 96 Resp: 41608
Ion Ratio Lower Upper
96 100
61 165.9 126.7 190.1
98 67.2 51.5 77.3





#13

Acrolein

Concen: 25.519 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

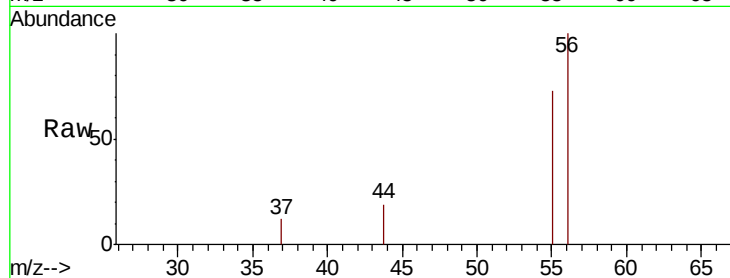
VSTDIC010

Tgt Ion: 56 Resp: 5819

Ion Ratio Lower Upper

56 100

55 73.0 49.9 74.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3000

2500

2000

1500

1000

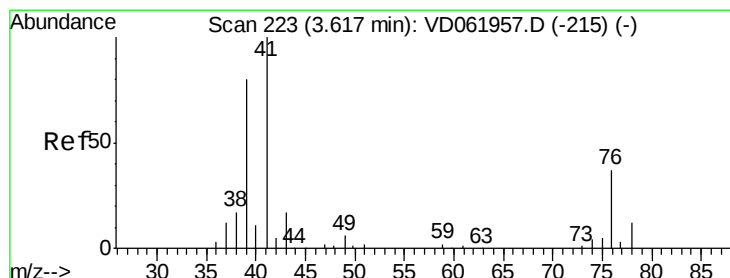
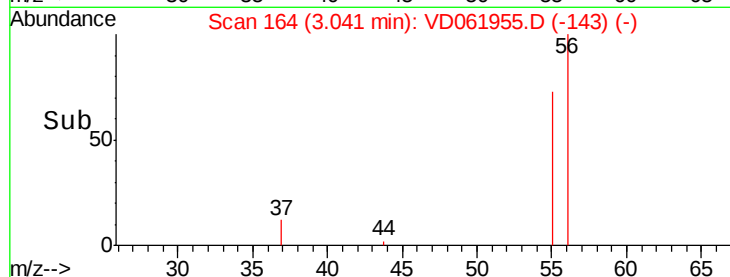
500

0

Time-->

2.95 3.00 3.05 3.10

3.04



#14

Allyl chloride

Concen: 9.684 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.02 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

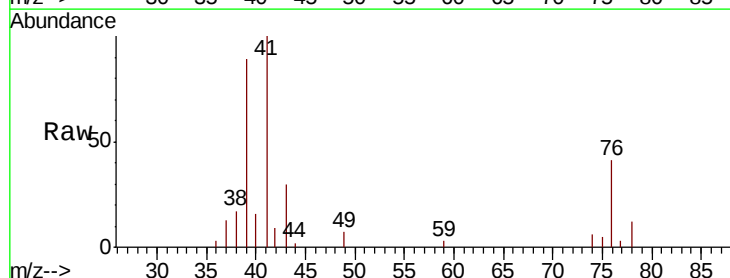
Tgt Ion: 41 Resp: 56606

Ion Ratio Lower Upper

41 100

39 88.7 63.6 95.4

76 40.5 31.4 47.2



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

25000

20000

15000

10000

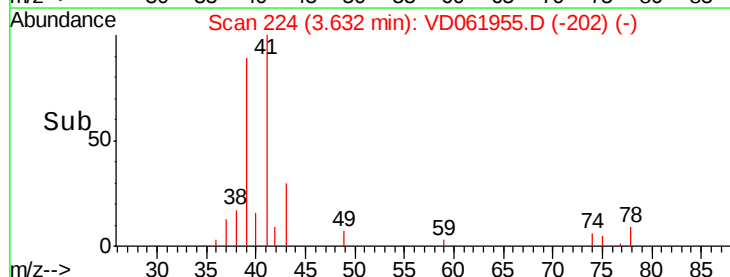
5000

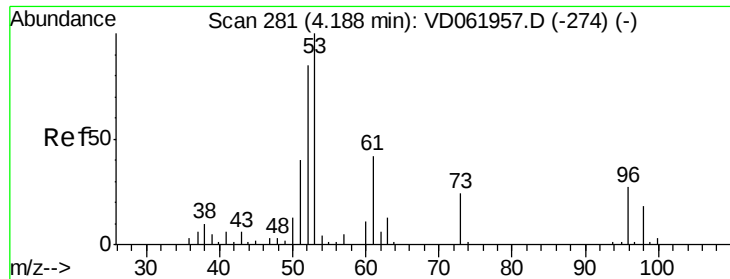
0

Time-->

3.50 3.60 3.70 3.80

3.63

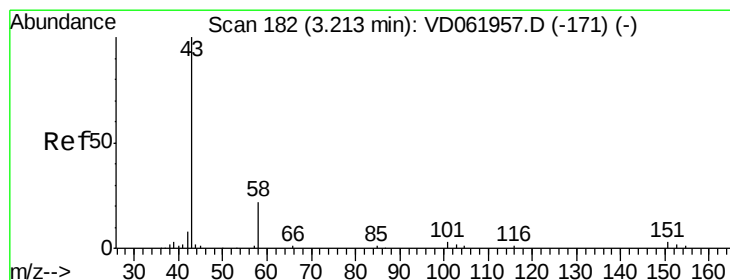
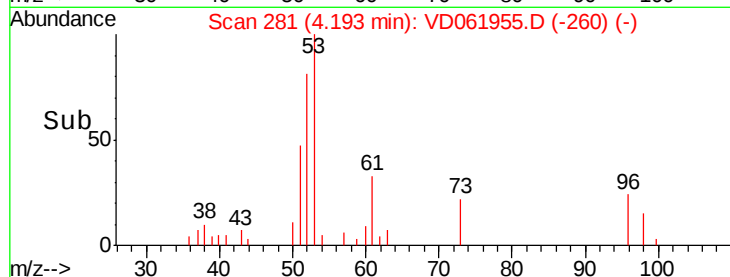
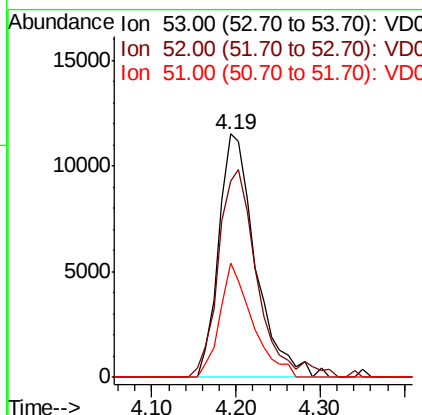
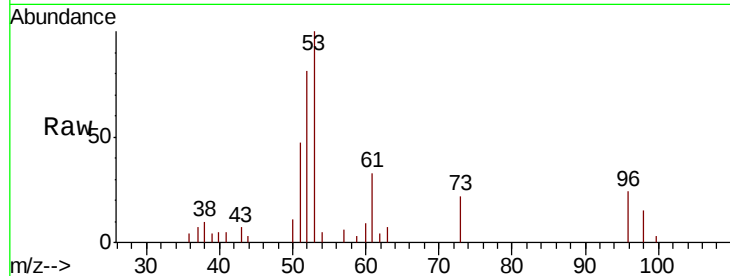




#15
 Acrylonitrile
 Concen: 47.601 ug/l
 RT: 4.19 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

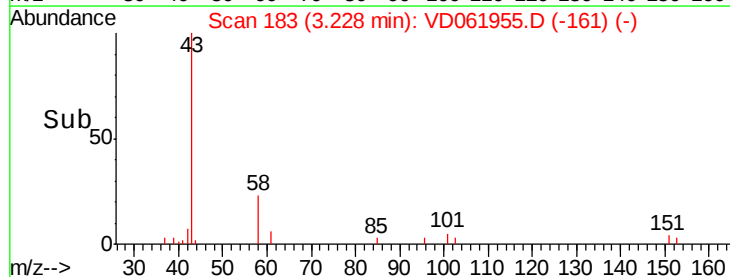
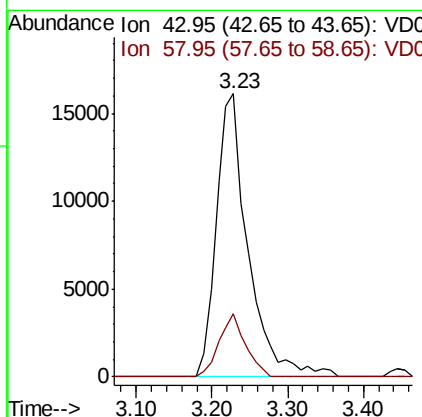
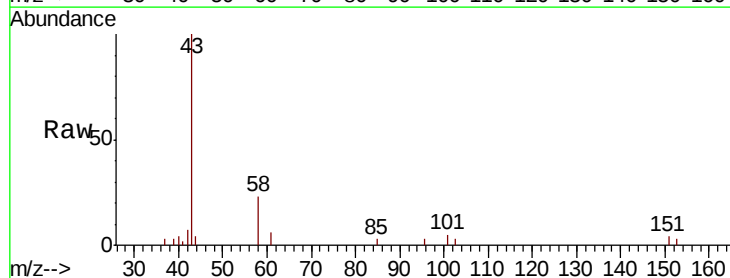
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

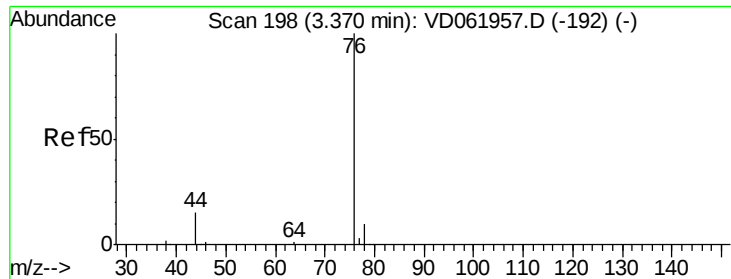
Tgt Ion: 53 Resp: 34897
 Ion Ratio Lower Upper
 53 100
 52 80.6 68.2 102.4
 51 47.1 31.9 47.9



#16
 Acetone
 Concen: 50.143 ug/l
 RT: 3.23 min Scan# 183
 Delta R.T. 0.02 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion: 43 Resp: 46872
 Ion Ratio Lower Upper
 43 100
 58 22.5 17.5 26.3

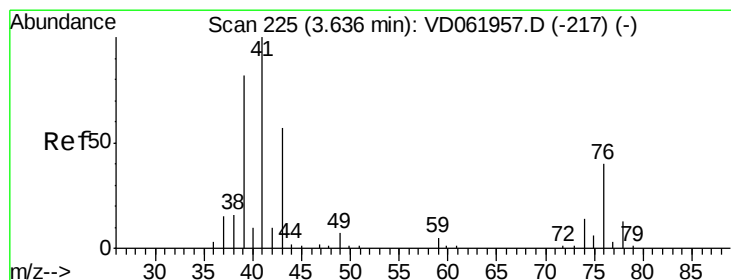
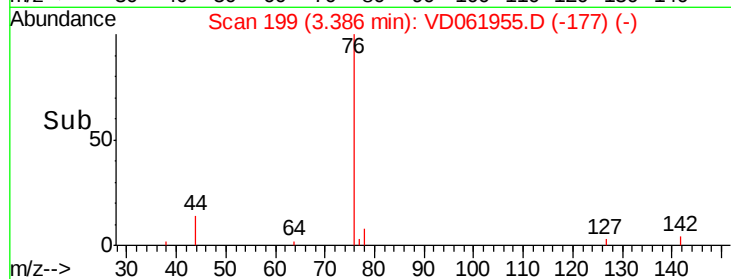
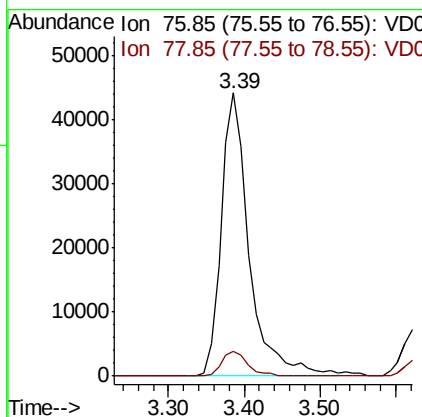
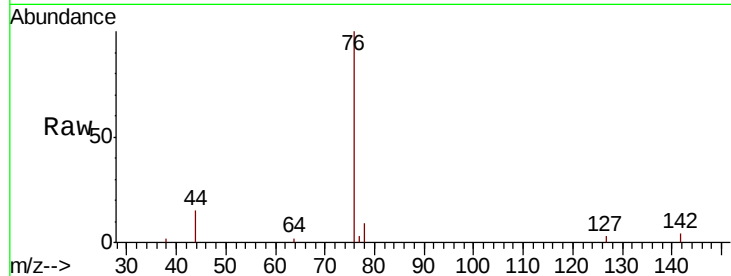




#17
Carbon Disulfide
Concen: 8.274 ug/l
RT: 3.39 min Scan# 199
Delta R.T. 0.02 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

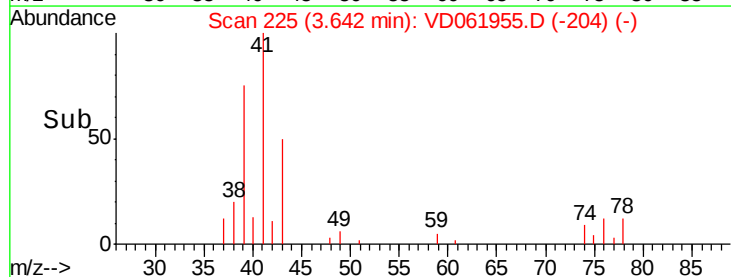
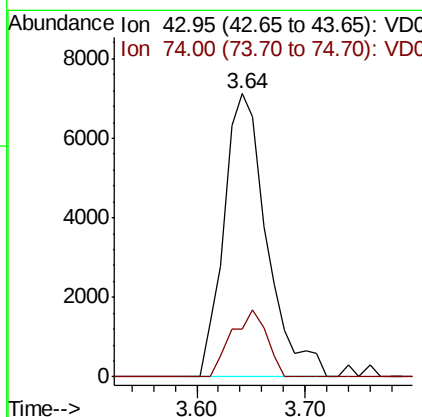
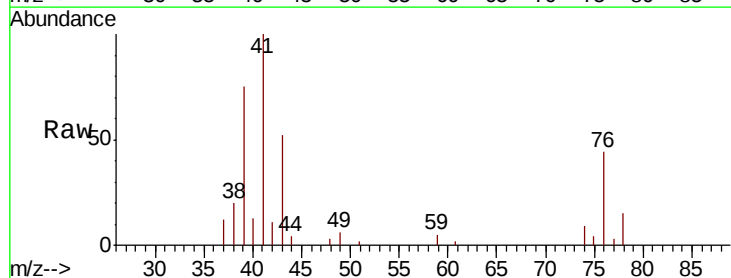
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

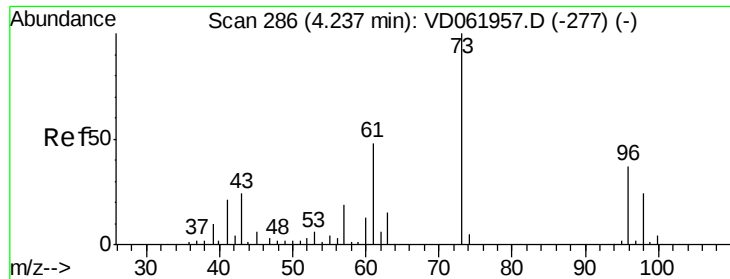
Tgt Ion: 76 Resp: 112613
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5



#18
Methyl Acetate
Concen: 10.129 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 43 Resp: 19606
Ion Ratio Lower Upper
43 100
74 16.7 19.4 29.2#

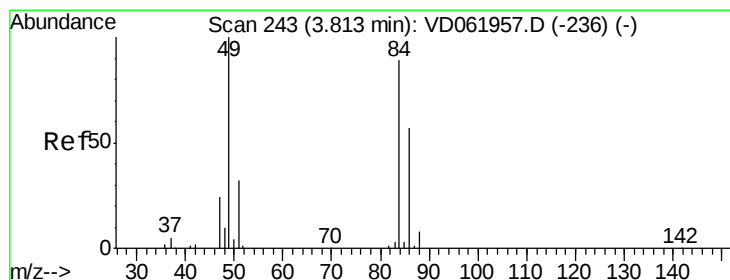
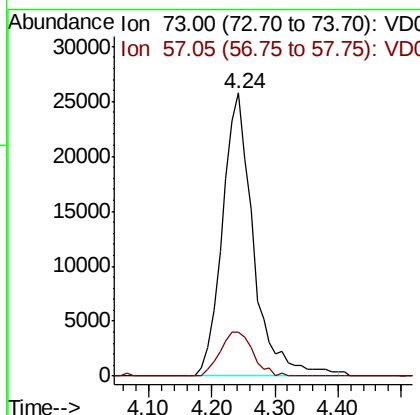
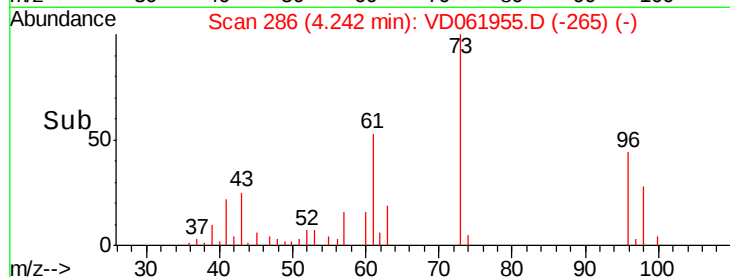
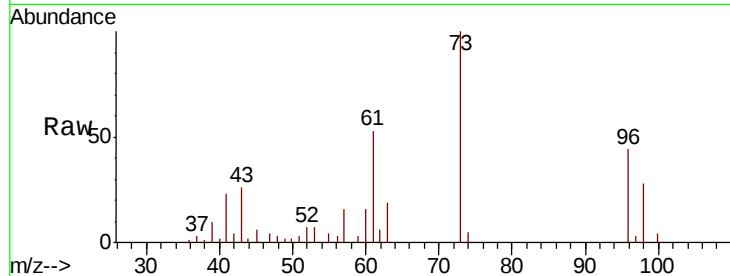




#19
Methyl tert-butyl Ether
Concen: 10.500 ug/l
RT: 4.24 min Scan# 286
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

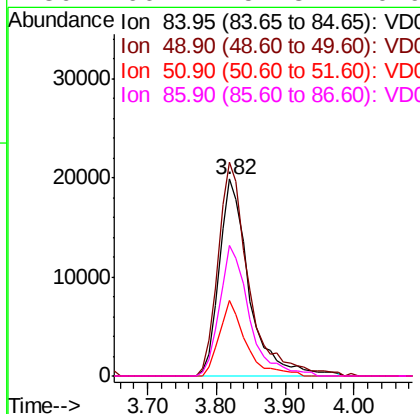
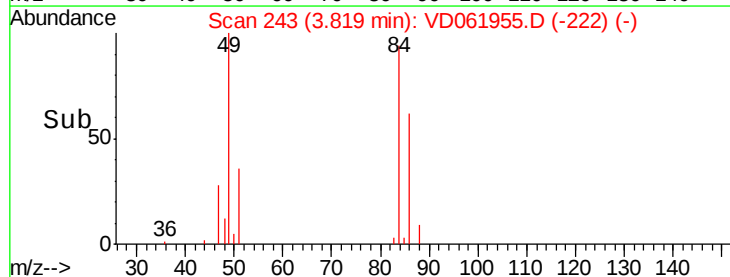
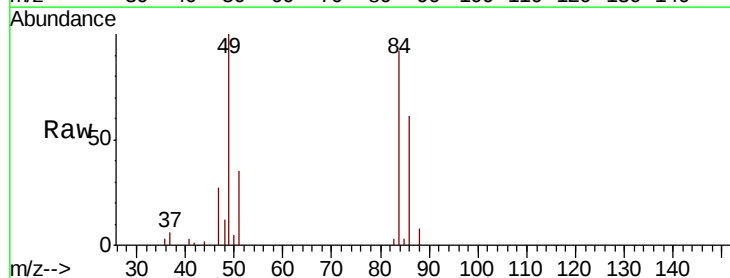
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

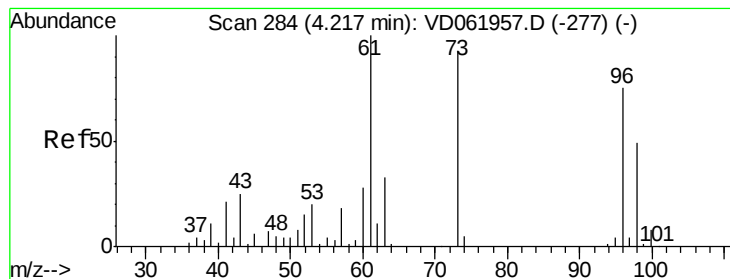
Tgt Ion: 73 Resp: 87716
Ion Ratio Lower Upper
73 100
57 15.5 14.8 22.2



#20
Methylene Chloride
Concen: 10.299 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 84 Resp: 59636
Ion Ratio Lower Upper
84 100
49 108.5 90.2 135.2
51 38.4 29.0 43.4
86 66.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 10.062 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.02 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

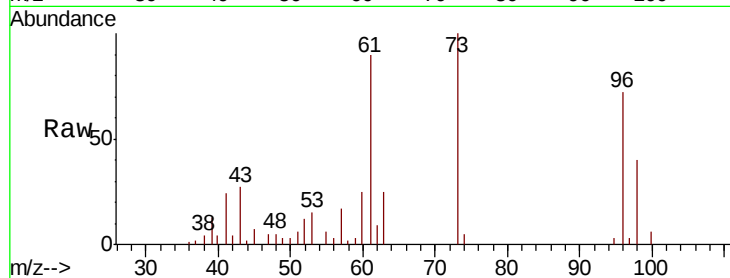
Tgt Ion: 96 Resp: 48472

Ion Ratio Lower Upper

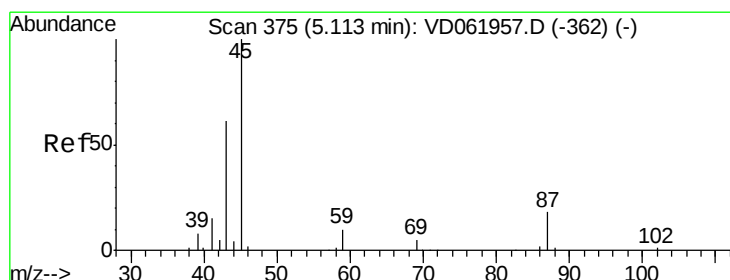
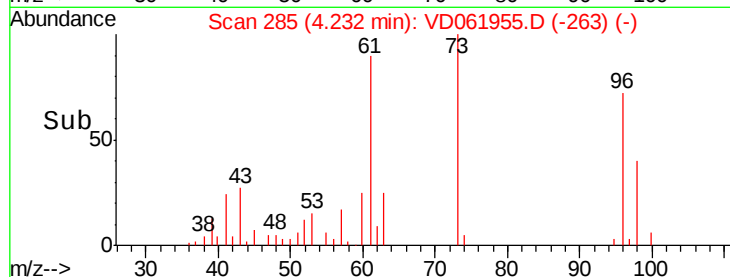
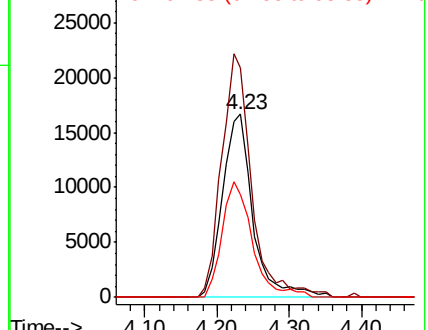
96 100

61 125.5 106.5 159.7

98 56.0 51.9 77.9



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



#22

Diisopropyl ether

Concen: 10.380 ug/l

RT: 5.12 min Scan# 375

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Tgt Ion: 45 Resp: 134849

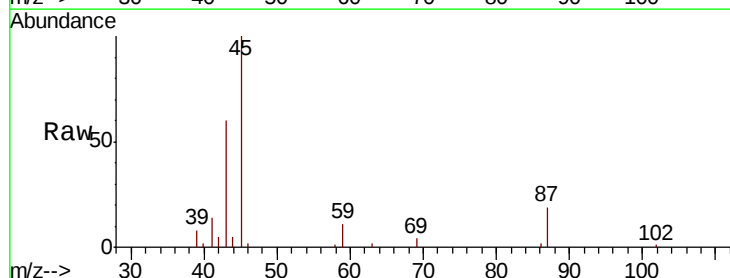
Ion Ratio Lower Upper

45 100

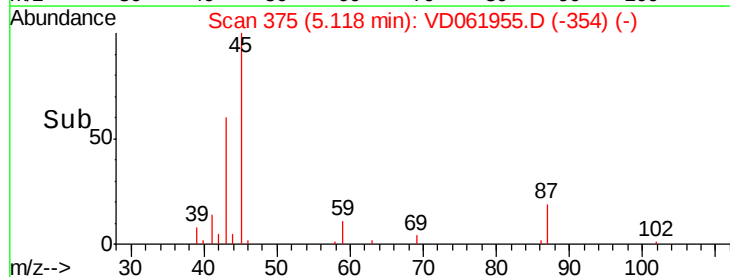
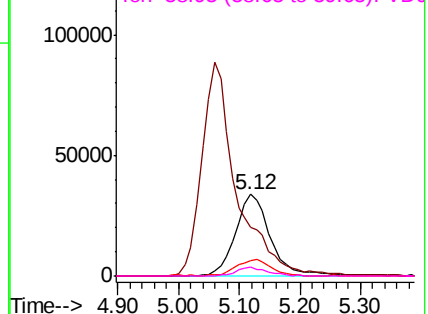
43 59.8 49.2 73.8

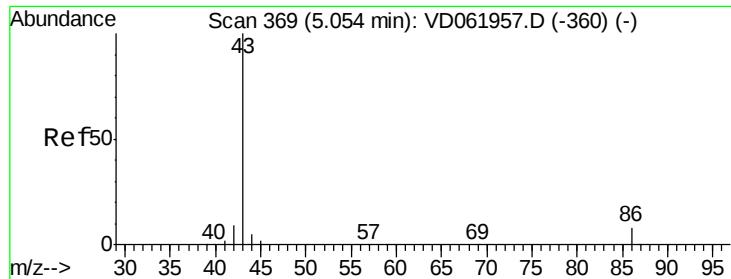
87 18.6 15.4 23.0

59 10.7 8.4 12.6



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 49.892 ug/l

RT: 5.06 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

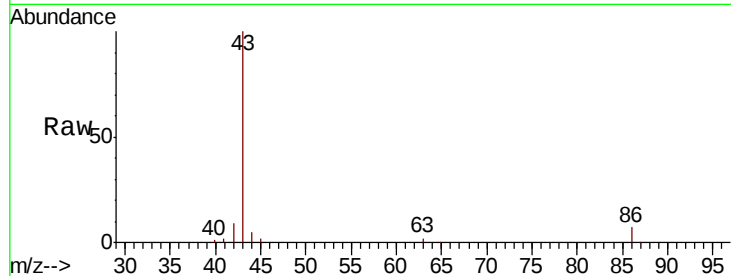
VSTDIC010

Tgt Ion: 43 Resp: 348806

Ion Ratio Lower Upper

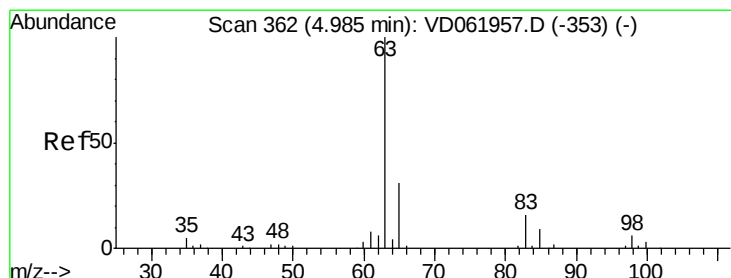
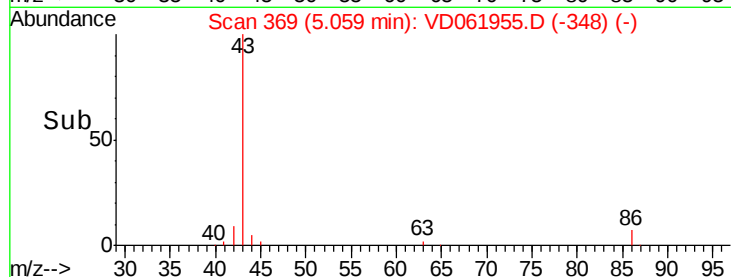
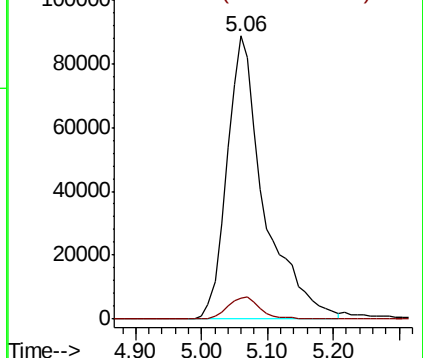
43 100

86 7.5 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: 10.269 ug/l

RT: 4.99 min Scan# 362

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

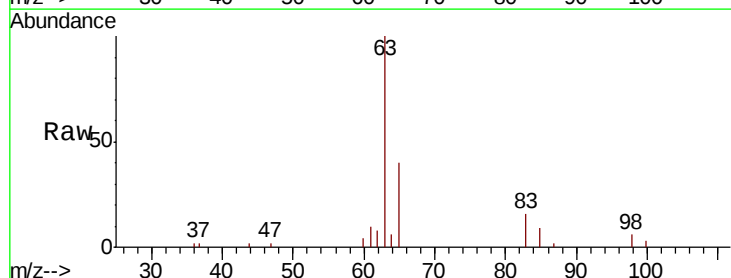
Tgt Ion: 63 Resp: 81156

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

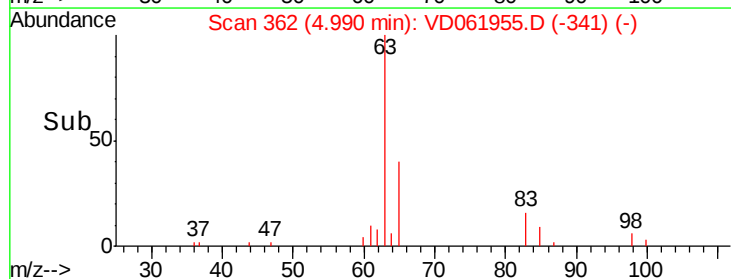
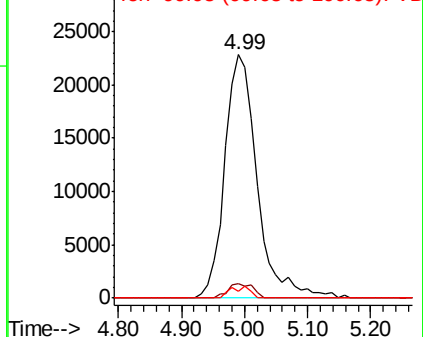
100 2.7 1.7 5.0

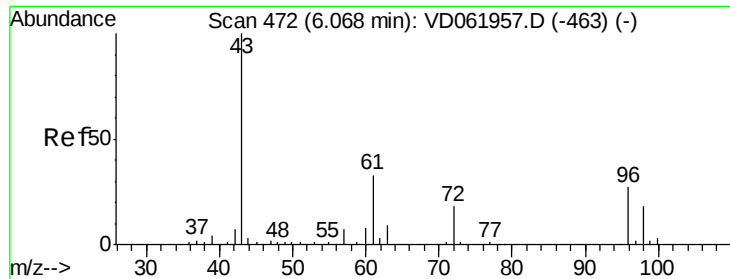


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 48.732 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

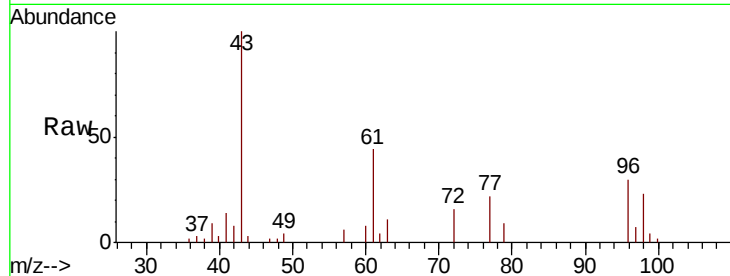
VSTDIC010

Tgt Ion: 43 Resp: 54555

Ion Ratio Lower Upper

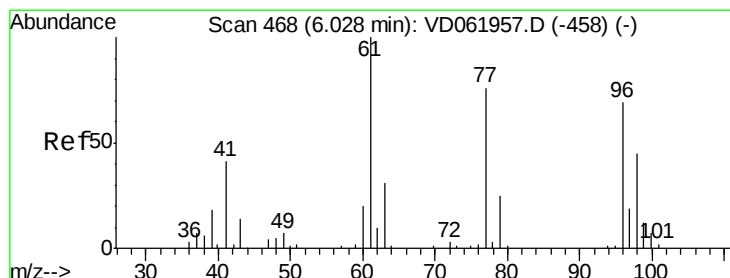
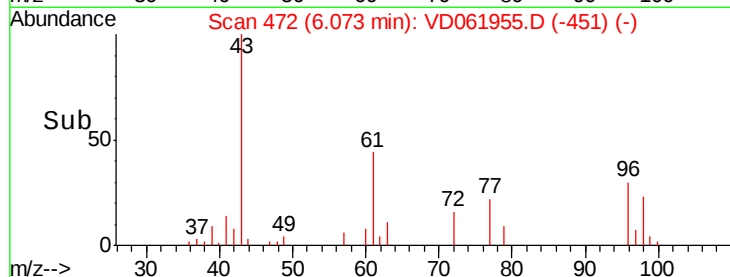
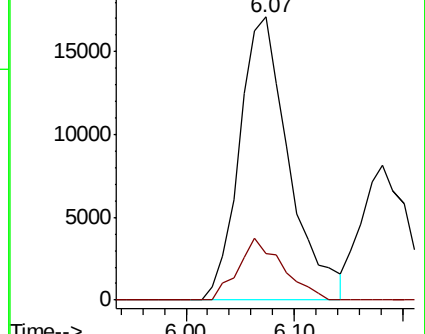
43 100

72 16.4 14.4 21.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 10.837 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD061955.D

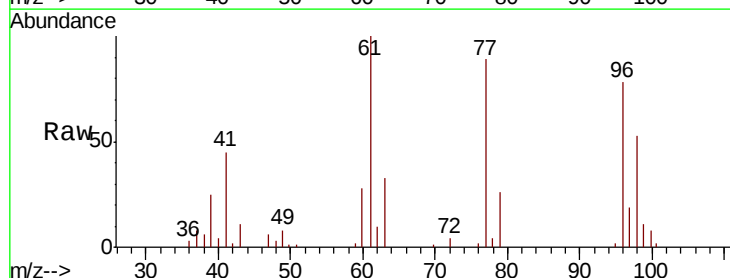
Acq: 23 Apr 2019 00:17

Tgt Ion: 77 Resp: 72459

Ion Ratio Lower Upper

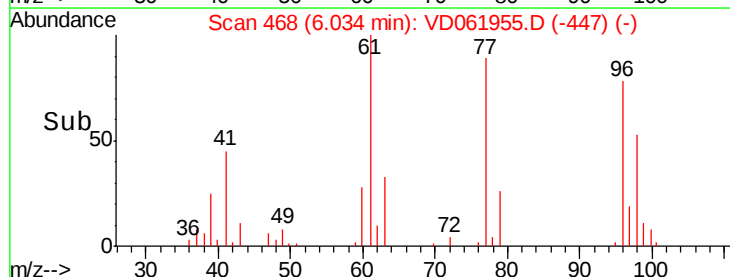
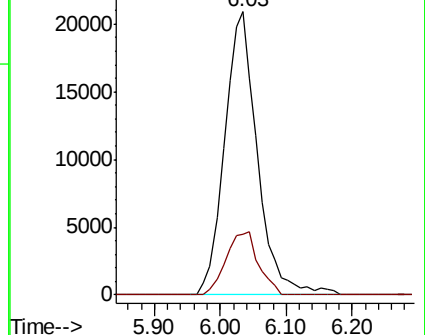
77 100

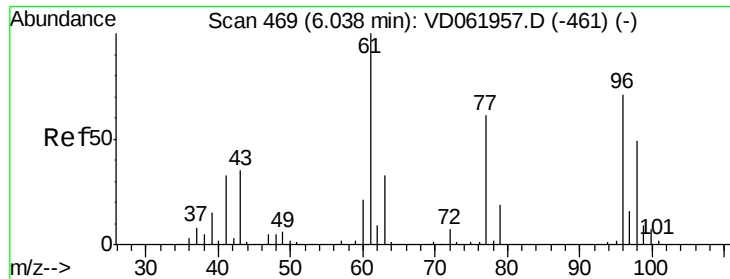
97 21.3 12.4 37.2



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



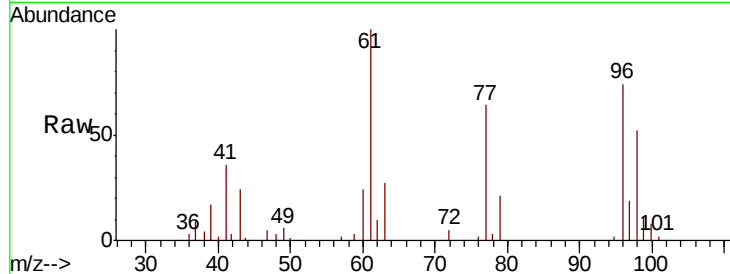


#27

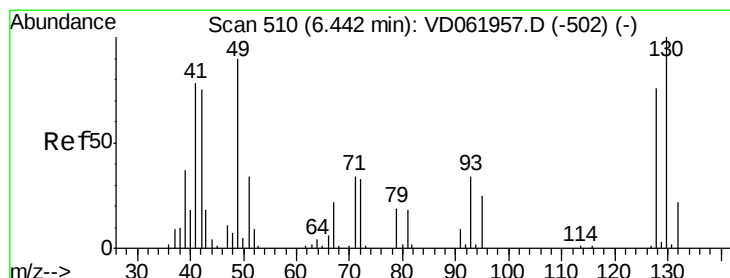
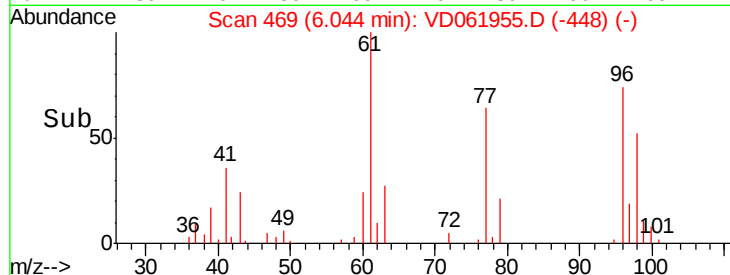
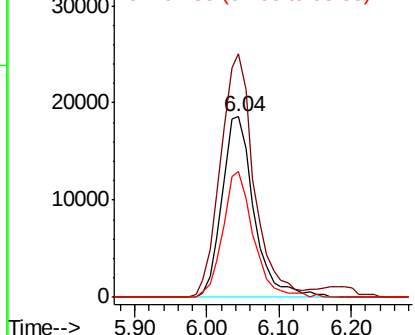
cis-1,2-Dichloroethene
 Concen: 10.878 ug/l
 RT: 6.04 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 57208
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 281.6
 98 69.7 0.0 137.0



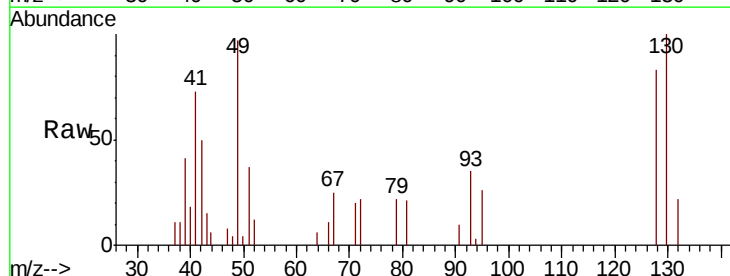
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



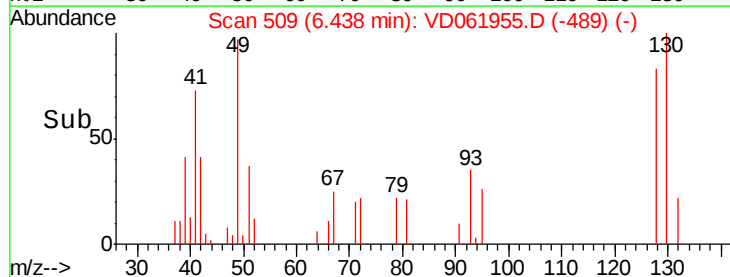
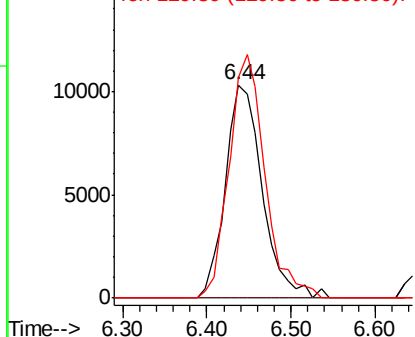
#28

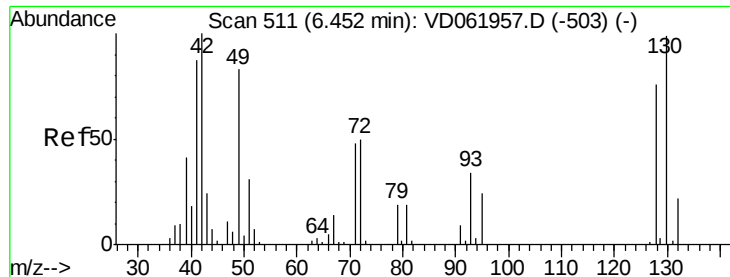
Bromochloromethane
 Concen: 10.374 ug/l
 RT: 6.44 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion: 49 Resp: 31506
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.4
 130 103.6 88.5 132.7



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

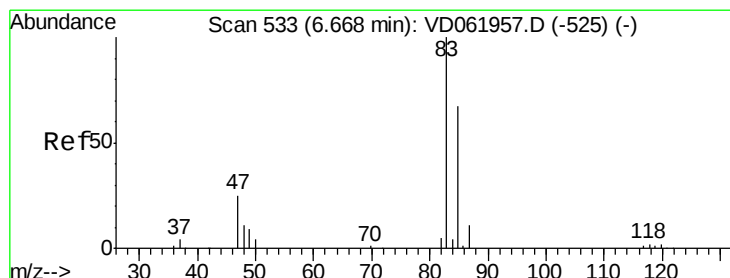
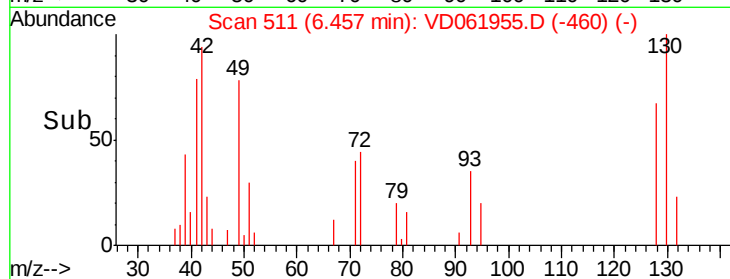
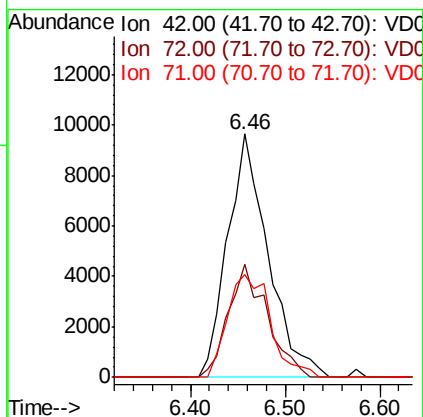
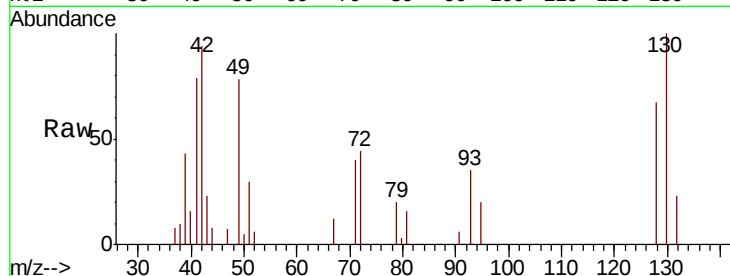




#29
Tetrahydrofuran
Concen: 51.735 ug/l
RT: 6.46 min Scan# 511
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

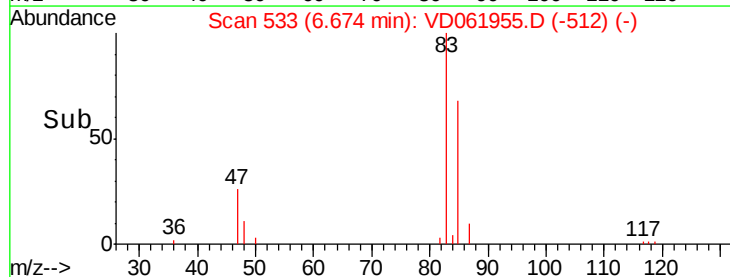
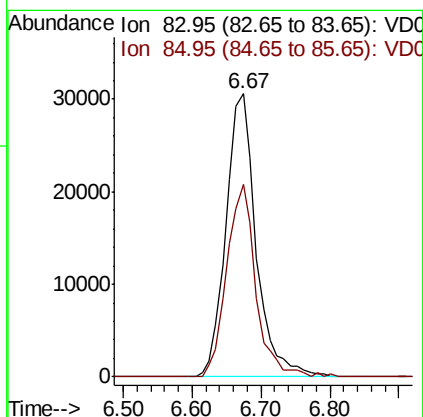
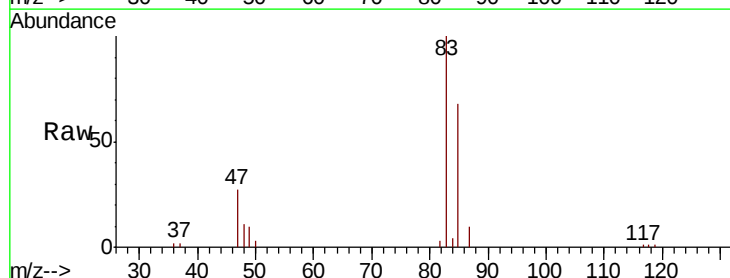
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

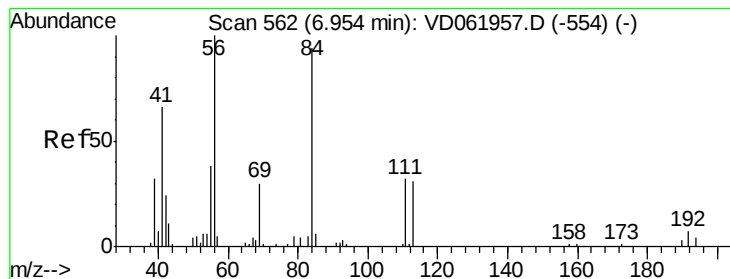
Tgt Ion: 42 Resp: 28658
Ion Ratio Lower Upper
42 100
72 44.4 37.3 55.9
71 45.0 37.4 56.0



#30
Chloroform
Concen: 10.500 ug/l
RT: 6.67 min Scan# 533
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 83 Resp: 92735
Ion Ratio Lower Upper
83 100
85 68.2 53.6 80.4





#31

Cyclohexane

Concen: 9.635 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

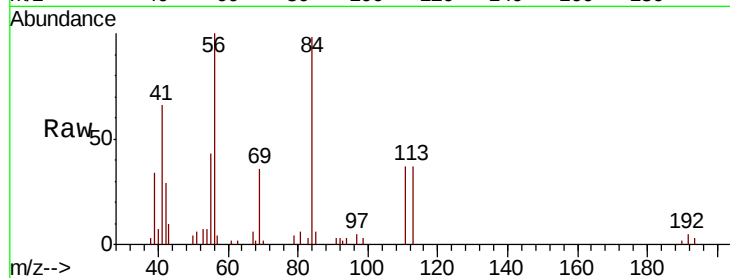
Tgt Ion: 56 Resp: 56300

Ion Ratio Lower Upper

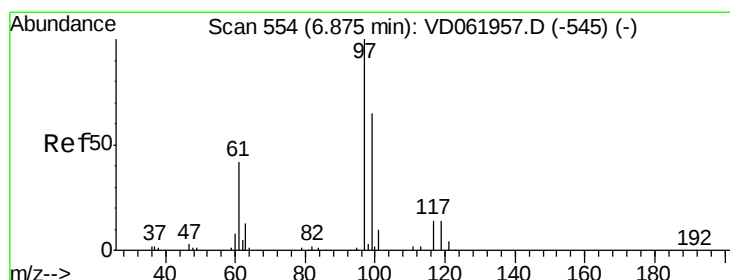
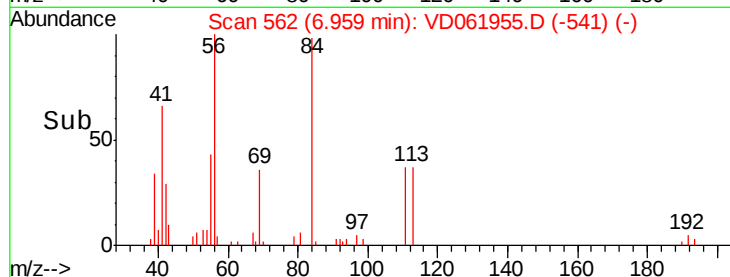
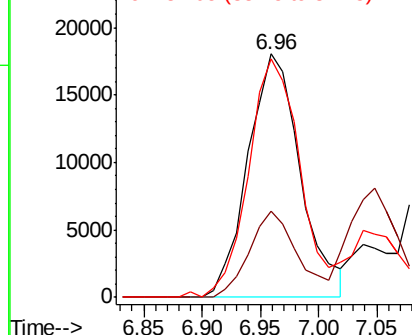
56 100

69 35.5 24.0 36.0

84 98.0 75.3 112.9



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



#32

1,1,1-Trichloroethane

Concen: 10.610 ug/l

RT: 6.87 min Scan# 553

Delta R.T. -0.00 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

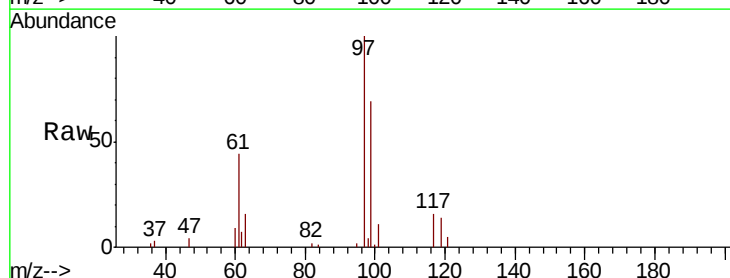
Tgt Ion: 97 Resp: 82129

Ion Ratio Lower Upper

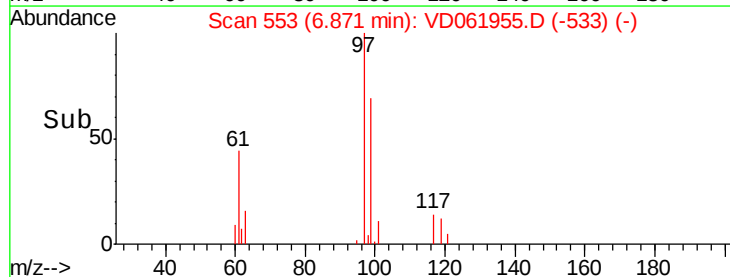
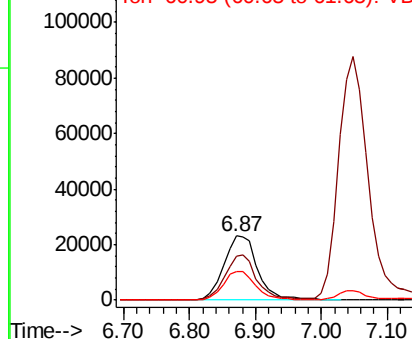
97 100

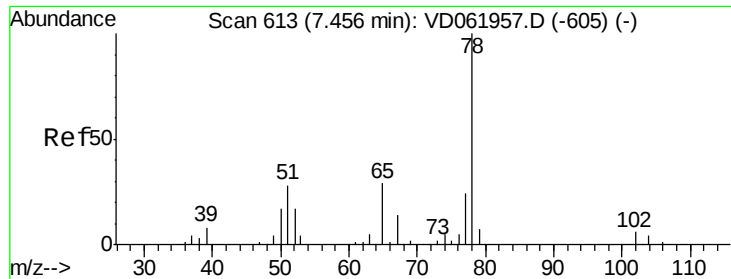
99 69.1 51.6 77.4

61 43.9 33.7 50.5



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





#33

1,2-Dichloroethane-d4

Concen: 10.610 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

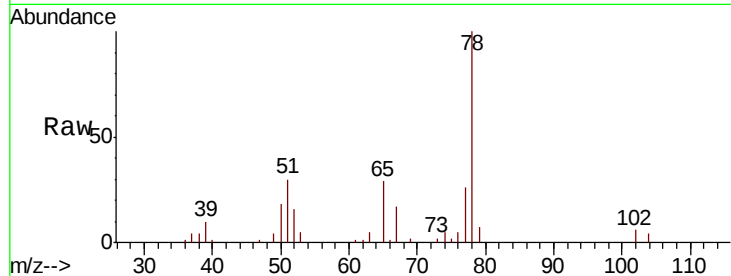
VSTDIC010

Tgt Ion: 65 Resp: 46041

Ion Ratio Lower Upper

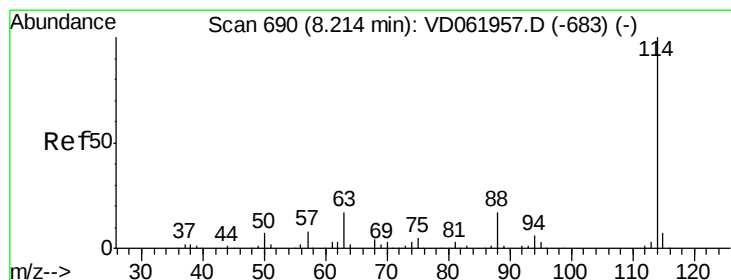
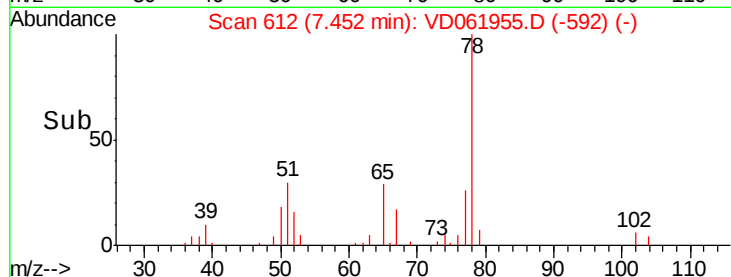
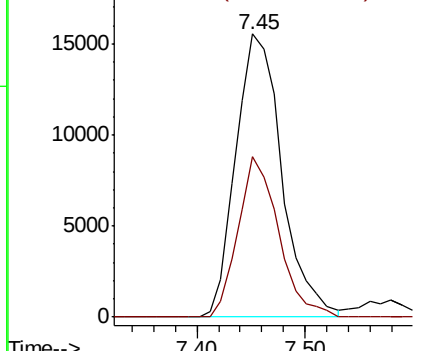
65 100

67 56.8 0.0 95.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

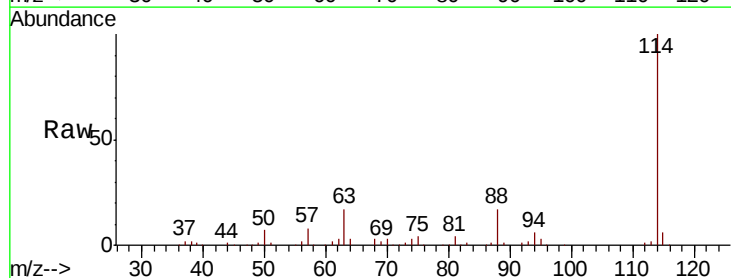
Tgt Ion: 114 Resp: 904737

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

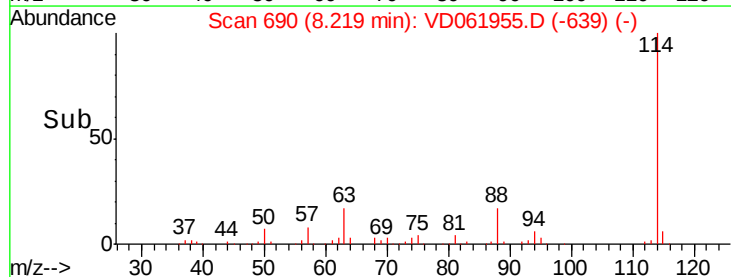
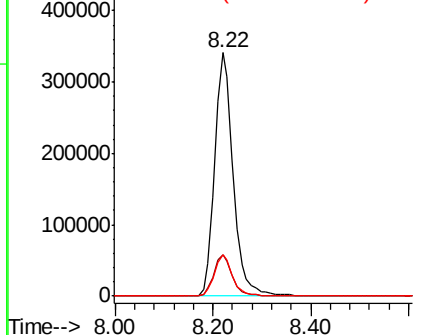
88 17.1 0.0 33.2

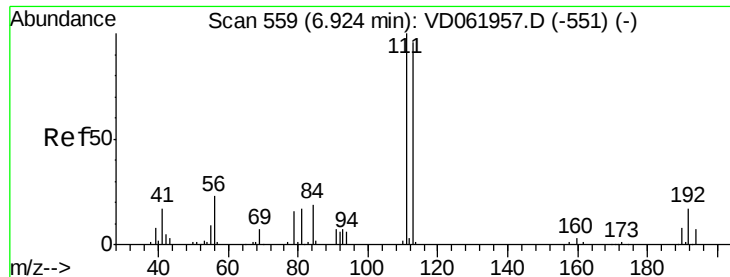


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

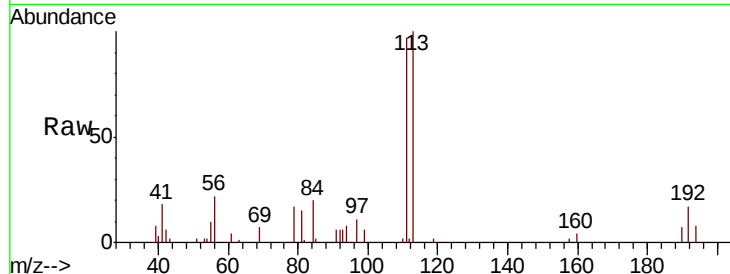




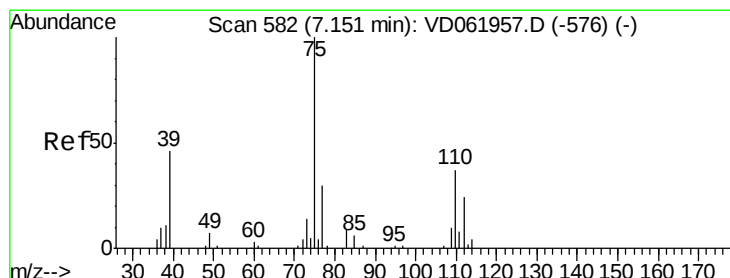
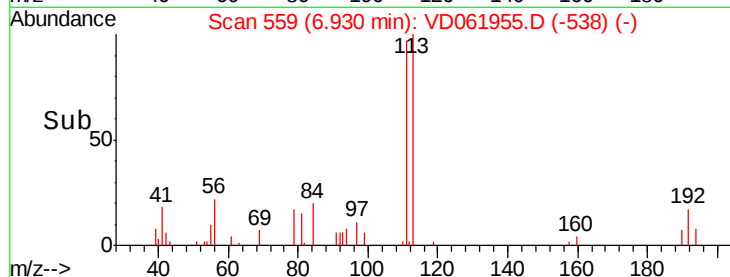
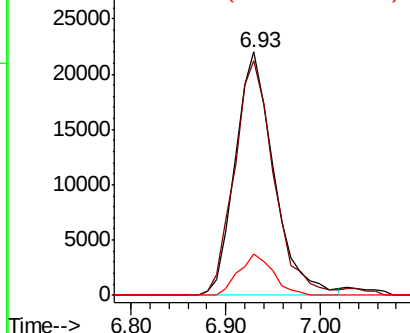
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 113 Resp: 62384
 Ion Ratio Lower Upper
 113 100
 111 96.6 83.1 124.7
 192 16.7 14.1 21.1

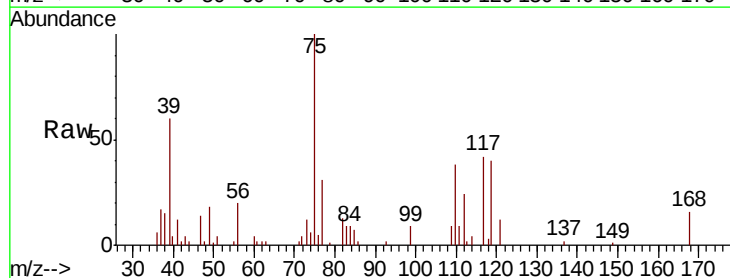


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

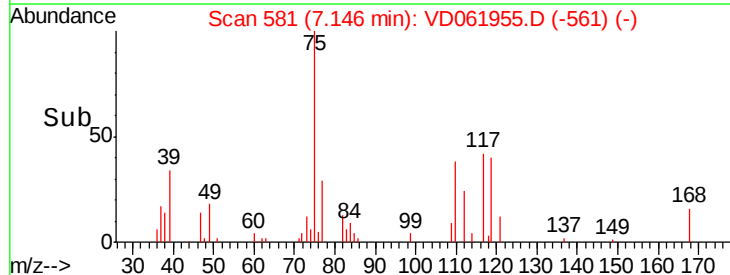
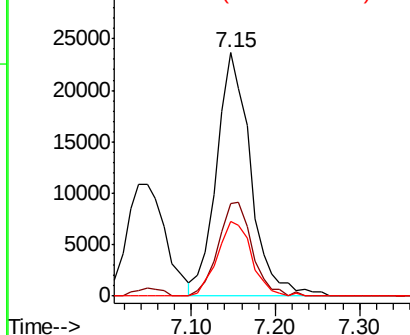


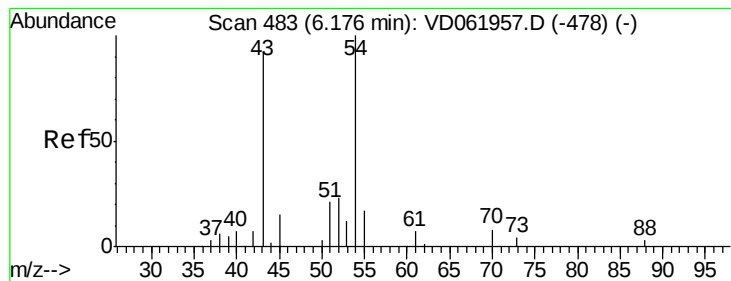
#36
 1,1-Dichloropropene
 Concen: 8.947 ug/l
 RT: 7.15 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion: 75 Resp: 66789
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.1 54.4
 77 30.9 24.0 36.0



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 8.275 ug/l

RT: 6.18 min Scan# 483

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

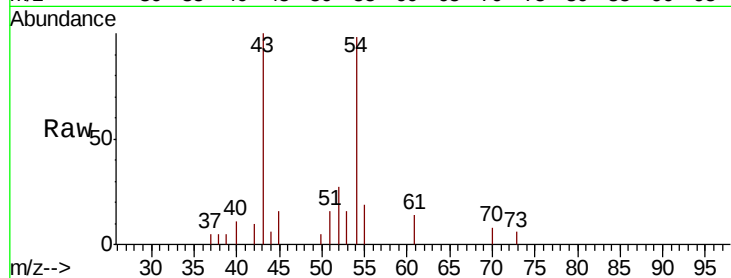
Tgt Ion: 43 Resp: 26704

Ion Ratio Lower Upper

43 100

61 14.2 11.9 17.9

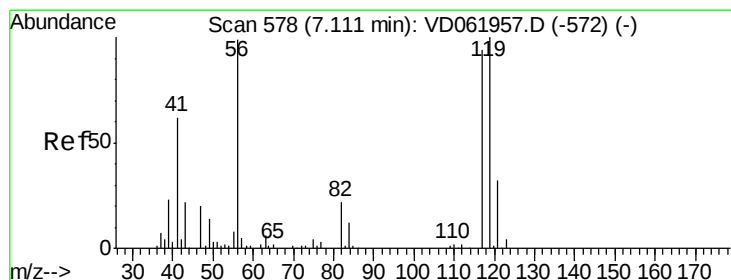
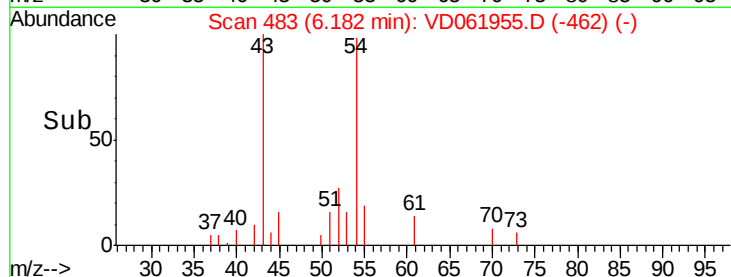
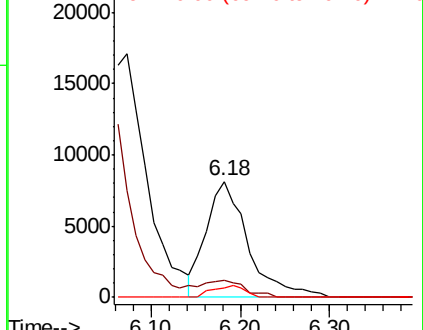
70 8.0 6.2 9.2



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: 9.495 ug/l

RT: 7.12 min Scan# 578

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

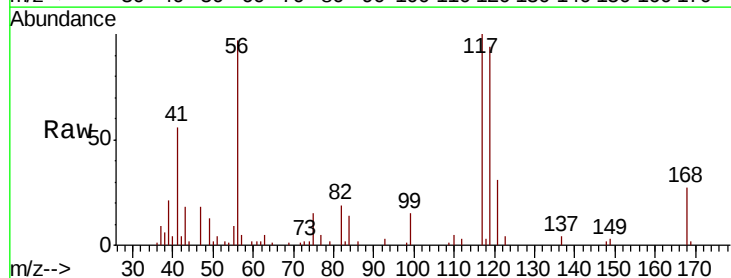
Tgt Ion: 117 Resp: 89527

Ion Ratio Lower Upper

117 100

119 93.6 76.8 115.2

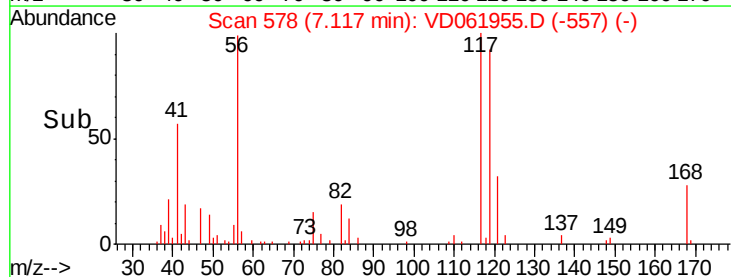
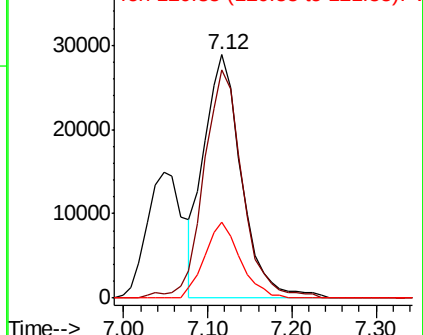
121 31.3 24.1 36.1

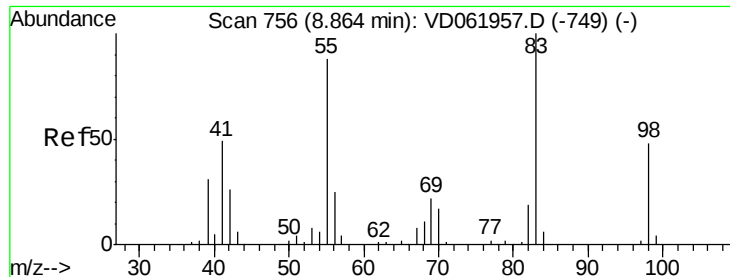


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

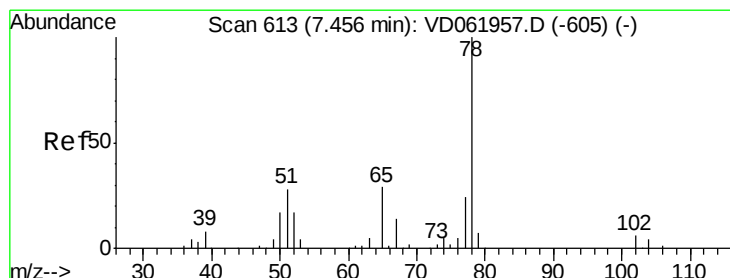
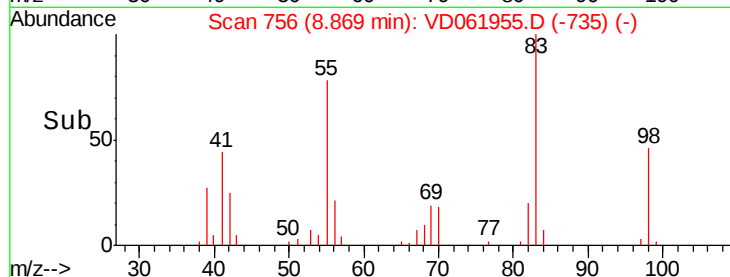
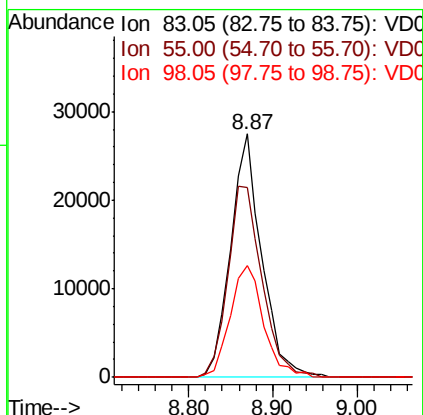
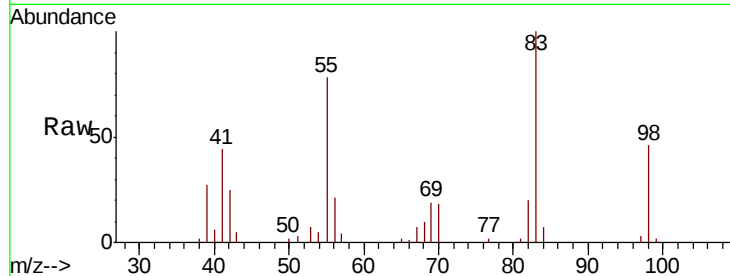




#39
Methylcyclohexane
Concen: 9.213 ug/l
RT: 8.87 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

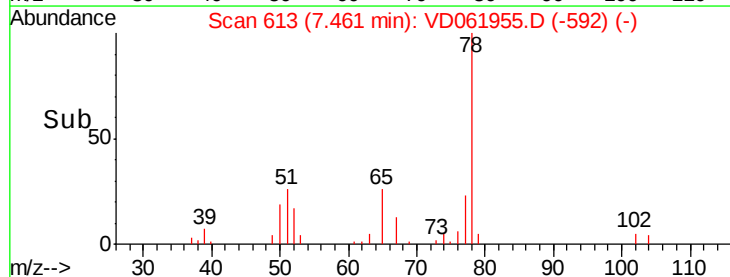
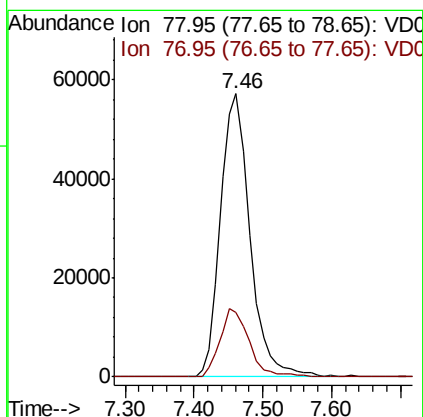
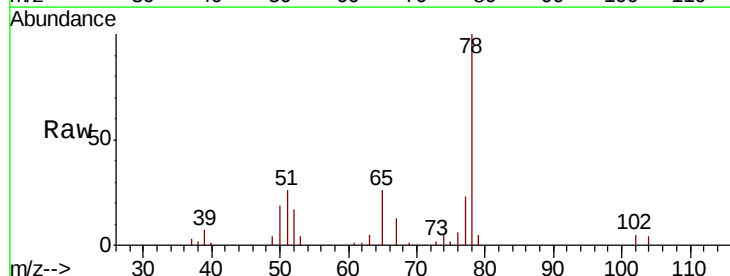
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

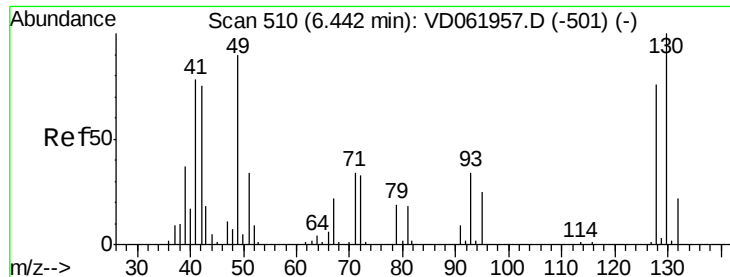
Tgt Ion: 83 Resp: 70466
Ion Ratio Lower Upper
83 100
55 78.1 70.6 106.0
98 46.0 38.5 57.7



#40
Benzene
Concen: 9.428 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 78 Resp: 169333
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2

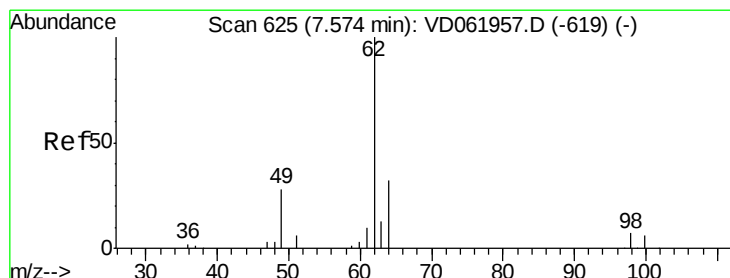
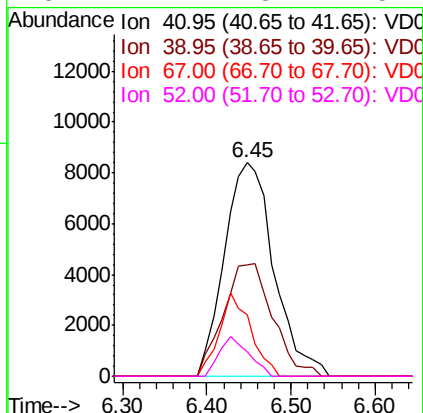
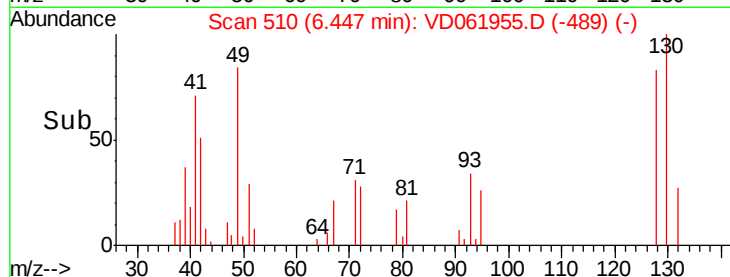
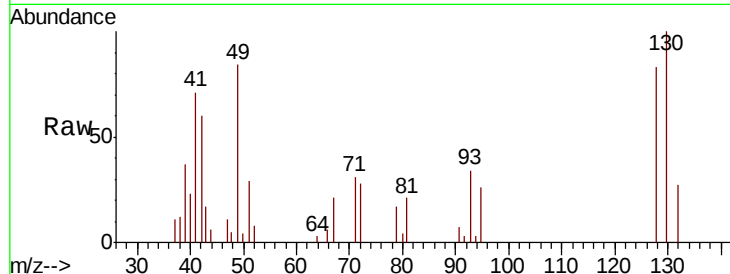




#41
Methacrylonitrile
Concen: 8.915 ug/l
RT: 6.45 min Scan# 510
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

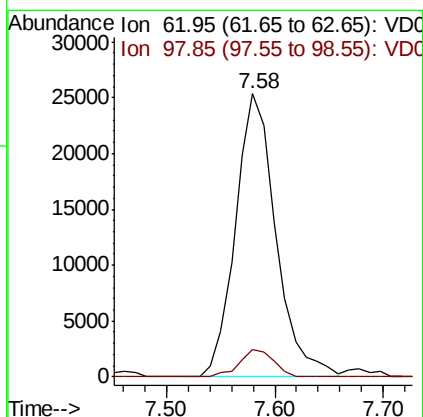
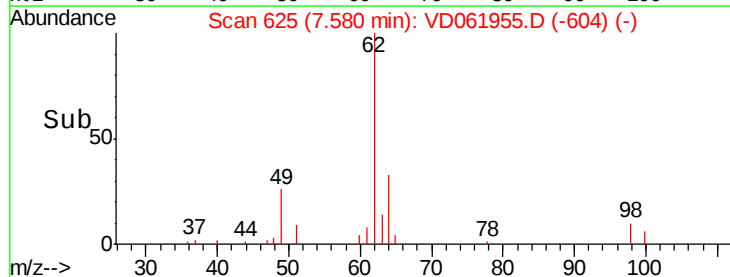
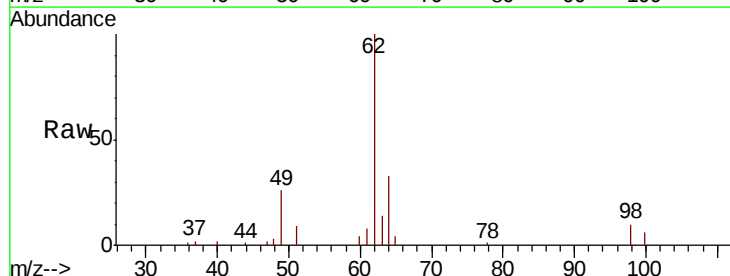
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

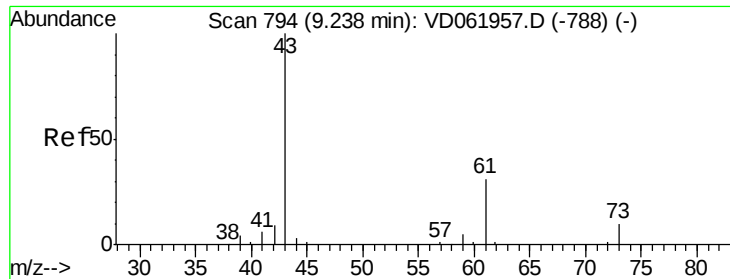
Tgt Ion: 41 Resp: 34371
Ion Ratio Lower Upper
41 100
39 51.9 38.4 57.6
67 28.8 22.8 34.2
52 11.2 8.7 13.1



#42
1,2-Dichloroethane
Concen: 10.401 ug/l
RT: 7.58 min Scan# 625
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 62 Resp: 65866
Ion Ratio Lower Upper
62 100
98 9.7 0.0 14.4

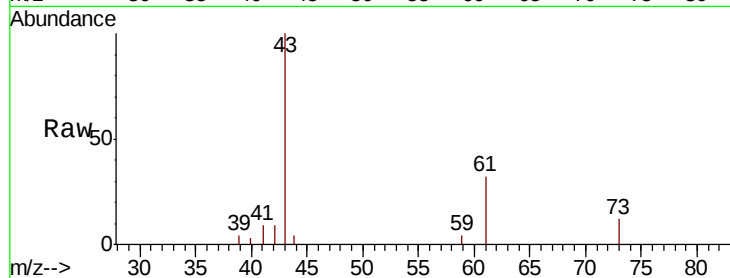




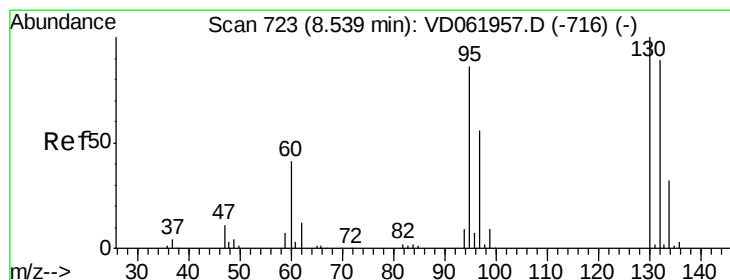
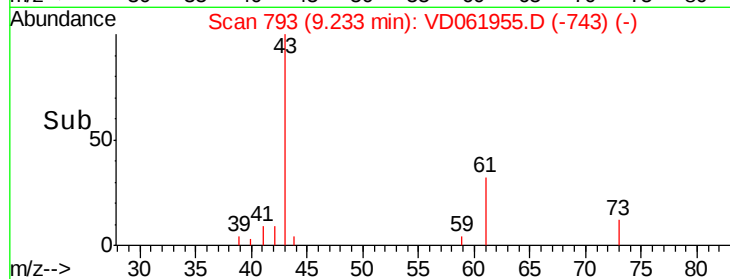
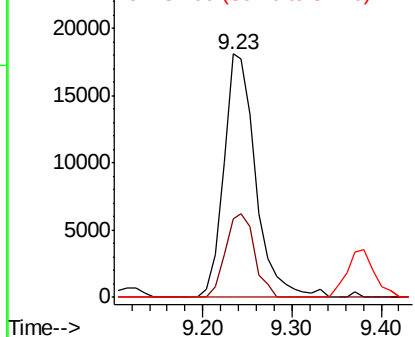
#43
Isopropyl Acetate
Concen: 10.089 ug/l
RT: 9.23 min Scan# 793
Delta R.T. -0.00 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 45451
Ion Ratio Lower Upper
43 100
61 32.5 24.6 36.8
87 0.0 0.0 0.0

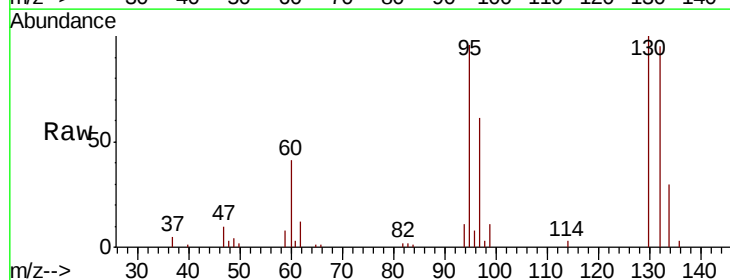


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

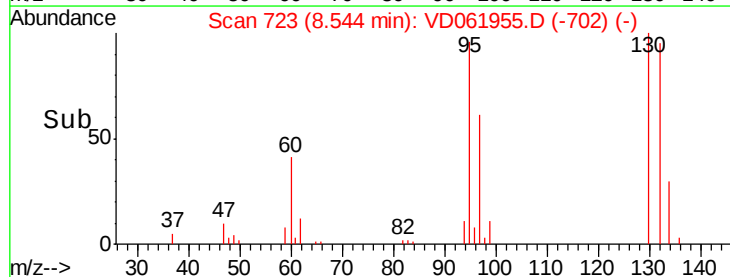
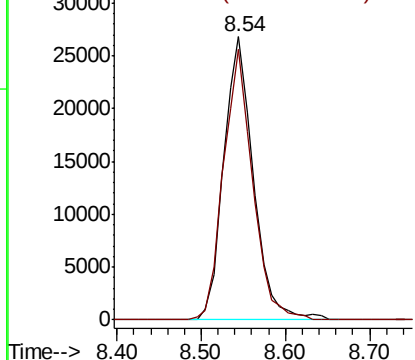


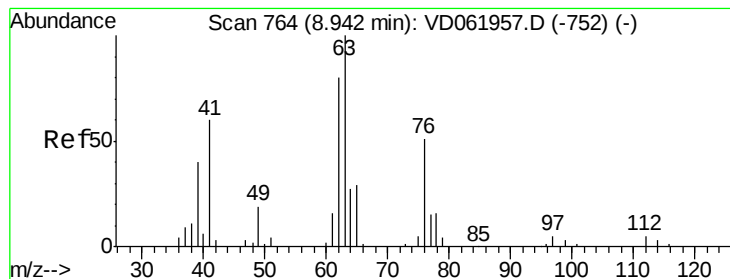
#44
Trichloroethene
Concen: 9.415 ug/l
RT: 8.54 min Scan# 723
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 130 Resp: 65315
Ion Ratio Lower Upper
130 100
95 95.6 0.0 172.2



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





#45

1,2-Dichloropropane

Concen: 9.468 ug/l

RT: 8.94 min Scan# 763

Delta R.T. -0.00 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

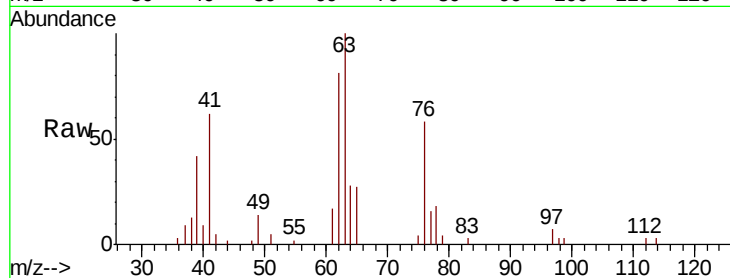
VSTDIC010

Tgt Ion: 63 Resp: 44368

Ion Ratio Lower Upper

63 100

65 27.3 23.5 35.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.94

20000

15000

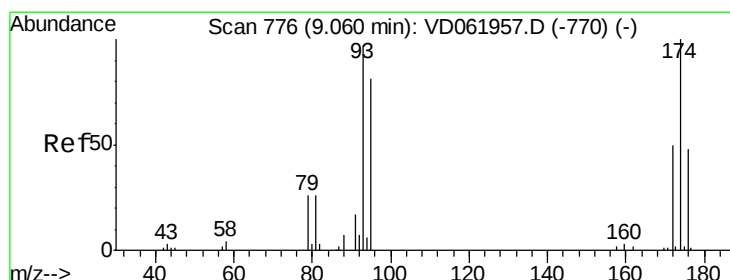
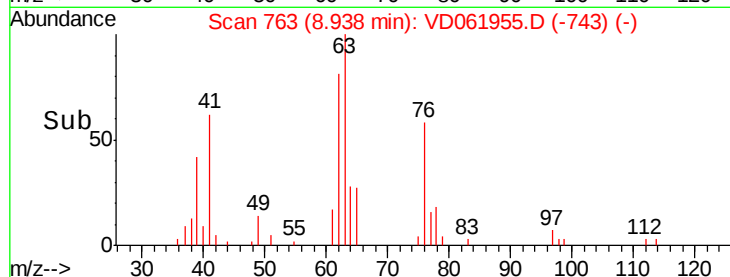
10000

5000

0

8.90 9.00

Time-->



#46

Dibromomethane

Concen: 10.363 ug/l

RT: 9.07 min Scan# 776

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

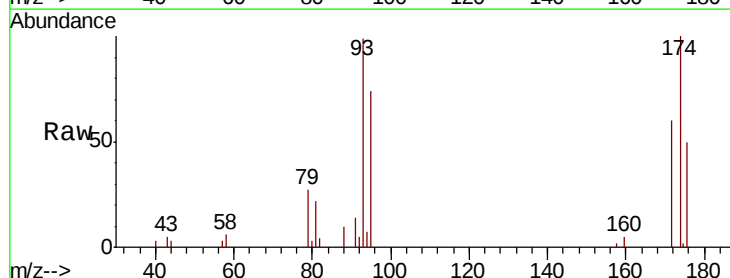
Tgt Ion: 93 Resp: 34833

Ion Ratio Lower Upper

93 100

95 75.1 66.8 100.2

174 101.5 82.8 124.2



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

9.07

20000

15000

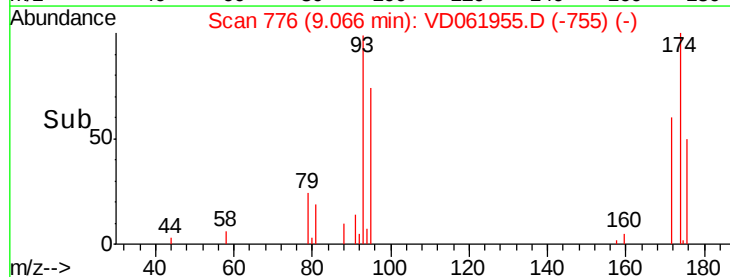
10000

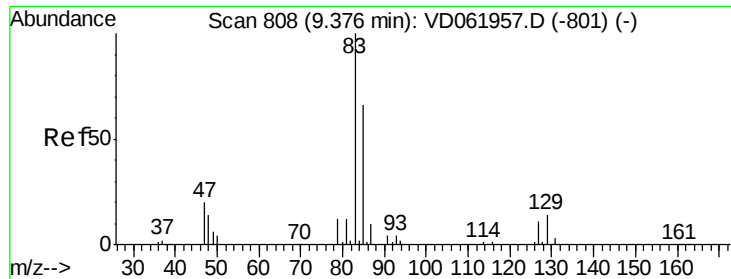
5000

0

9.00 9.10

Time-->





#47

Bromodichloromethane

Concen: 10.021 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

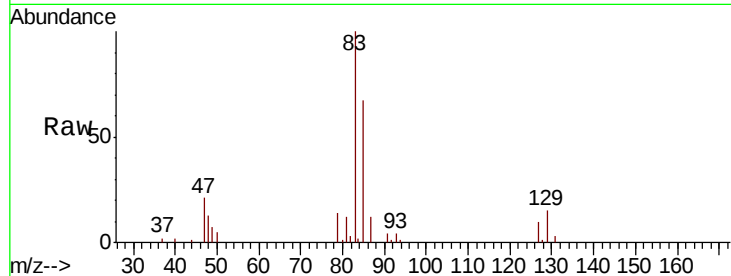
Tgt Ion: 83 Resp: 76656

Ion Ratio Lower Upper

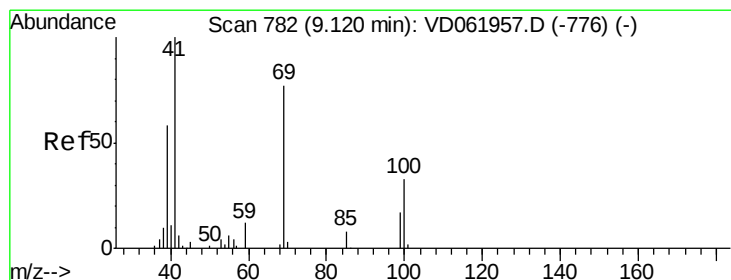
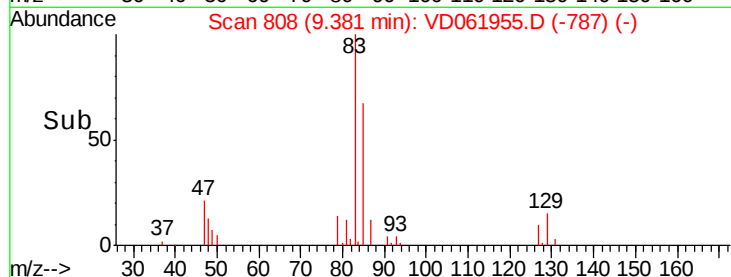
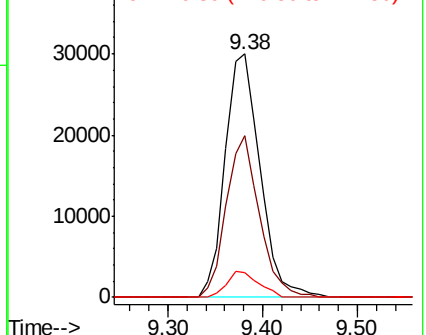
83 100

85 66.6 52.6 78.8

127 9.9 8.8 13.2



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



#48

Methyl methacrylate

Concen: 10.511 ug/l

RT: 9.13 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

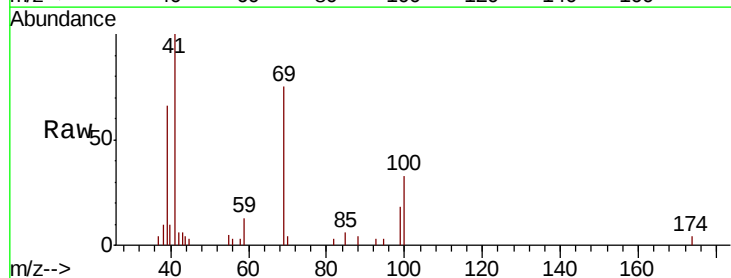
Tgt Ion: 41 Resp: 27611

Ion Ratio Lower Upper

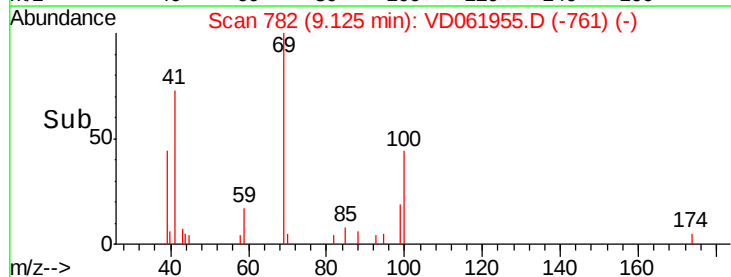
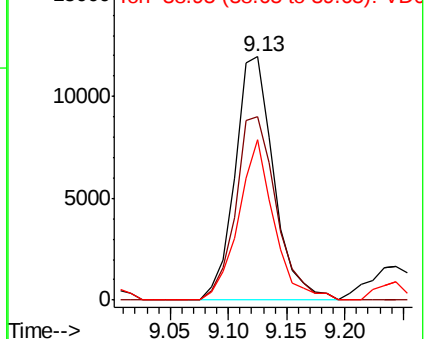
41 100

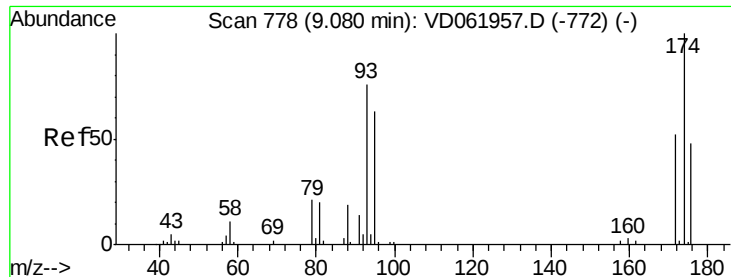
69 75.4 61.4 92.0

39 65.9 46.9 70.3



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

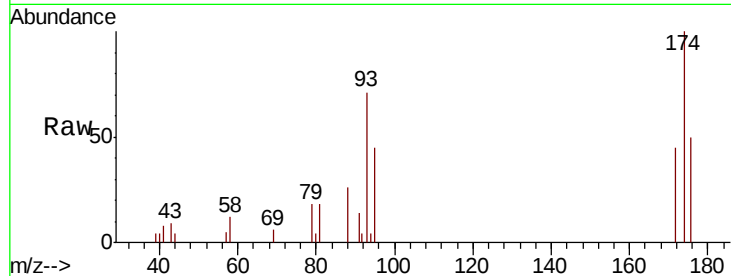




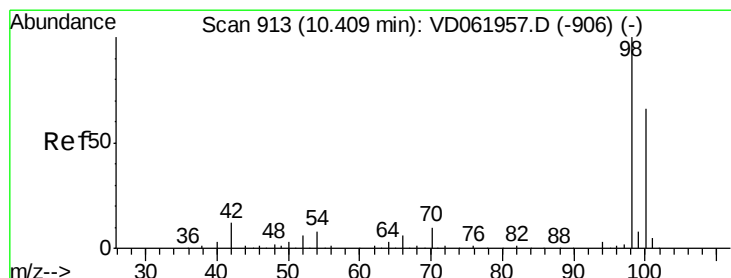
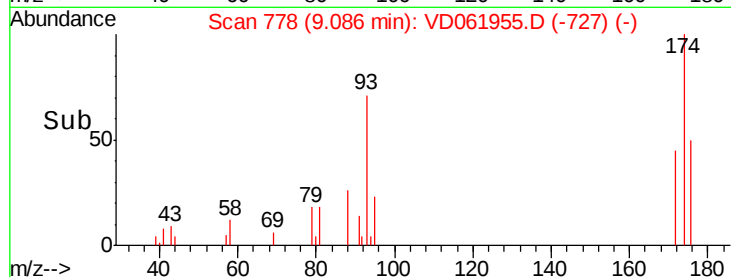
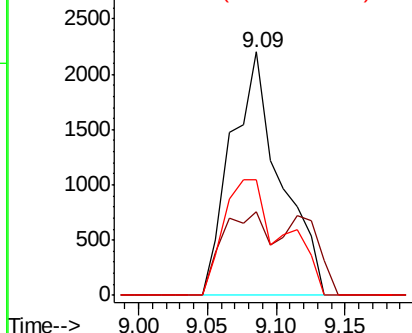
#49
1,4-Dioxane
Concen: 190.268 ug/l
RT: 9.09 min Scan# 778
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 88 Resp: 5462
Ion Ratio Lower Upper
88 100
43 34.6 21.1 31.7#
58 47.7 44.1 66.1

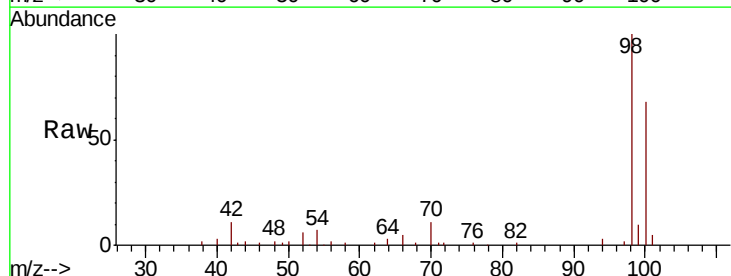


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

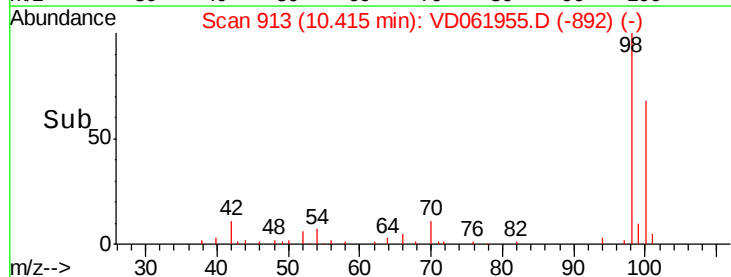
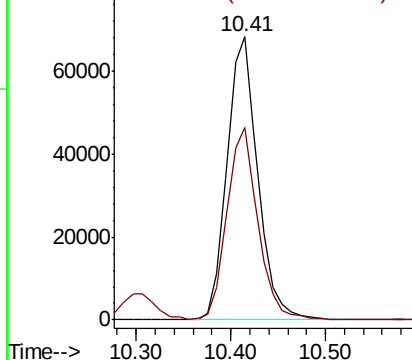


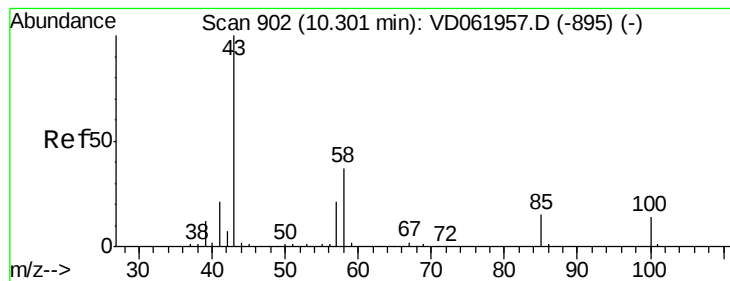
#50
Toluene-d8
Concen: 190.268 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 98 Resp: 152914
Ion Ratio Lower Upper
98 100
100 68.0 54.0 81.0



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





#51

4-Methyl-2-Pentanone

Concen: 48.418 ug/l

RT: 10.30 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

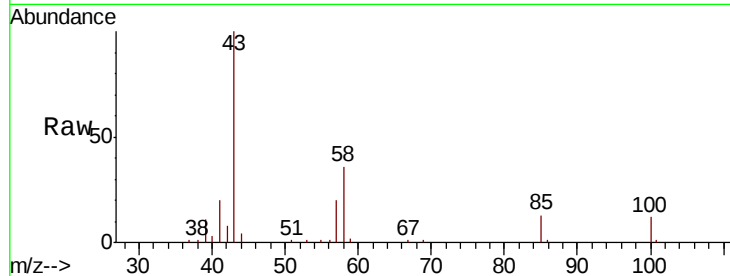
VSTDIC010

Tgt Ion: 43 Resp: 136035

Ion Ratio Lower Upper

43 100

58 35.6 29.9 44.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.30

60000

50000

40000

30000

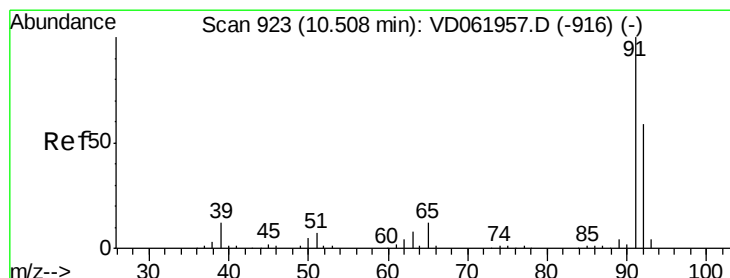
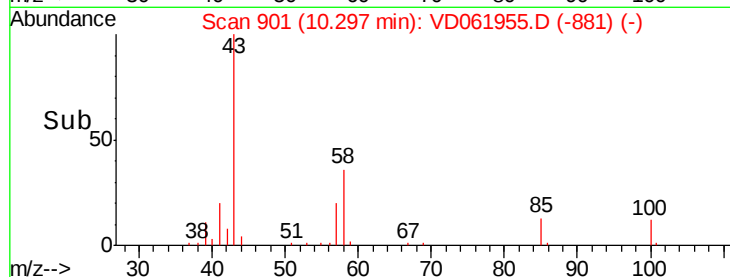
20000

10000

0

Time-->

10.20 10.30 10.40



#52

Toluene

Concen: 10.190 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061955.D

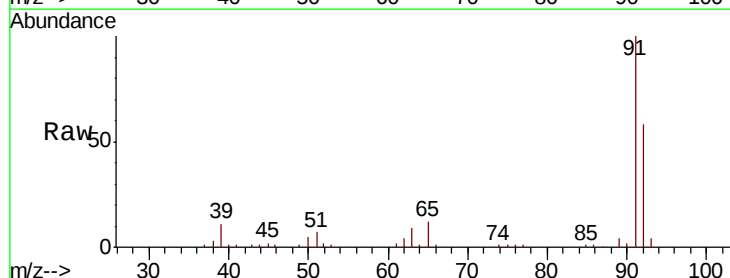
Acq: 23 Apr 2019 00:17

Tgt Ion: 92 Resp: 117936

Ion Ratio Lower Upper

92 100

91 172.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

100000

80000

60000

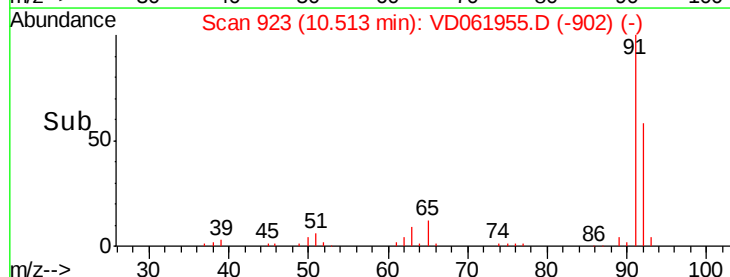
40000

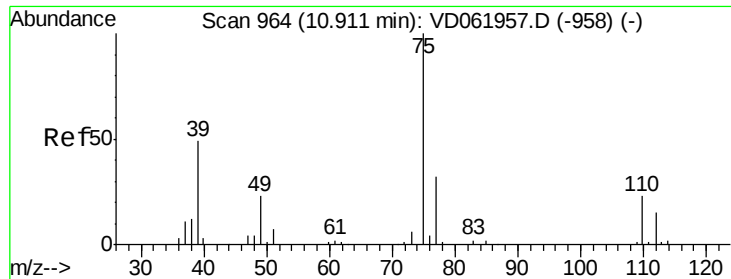
20000

0

Time-->

10.40 10.50 10.60





#53

t-1,3-Dichloropropene

Concen: 9.774 ug/l

RT: 10.92 min Scan# 964

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

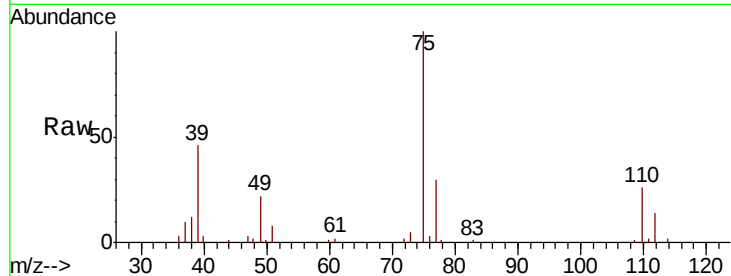
VSTDIC010

Tgt Ion: 75 Resp: 67273

Ion Ratio Lower Upper

75 100

77 29.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

10.92

40000

30000

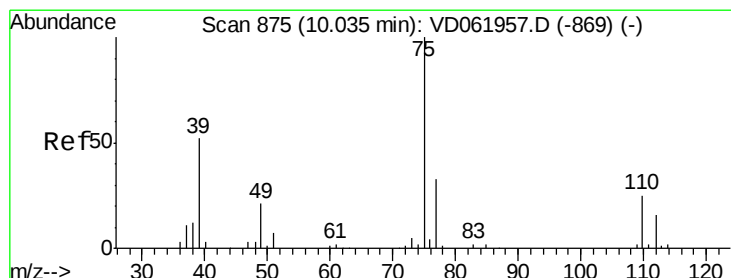
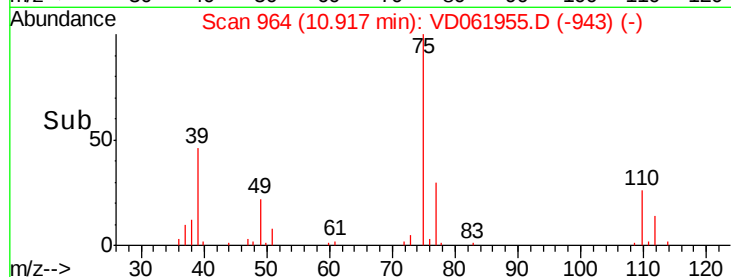
20000

10000

0

Time-->

10.80 10.90 11.00



#54

cis-1,3-Dichloropropene

Concen: 10.147 ug/l

RT: 10.04 min Scan# 875

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

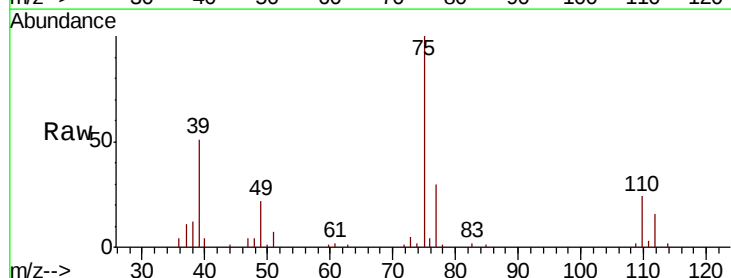
Tgt Ion: 75 Resp: 82206

Ion Ratio Lower Upper

75 100

77 30.1 26.5 39.7

39 51.3 41.8 62.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

10.04

50000

40000

30000

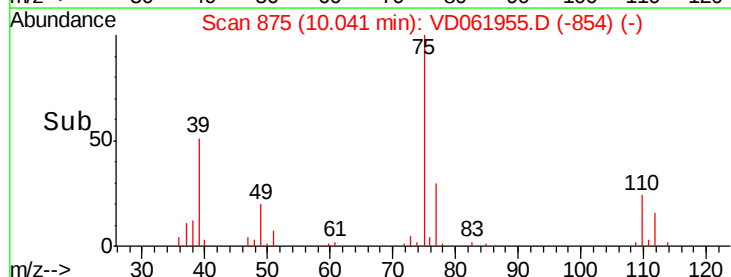
20000

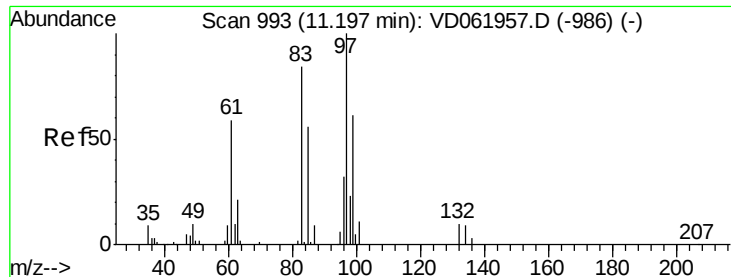
10000

0

Time-->

10.00 10.10

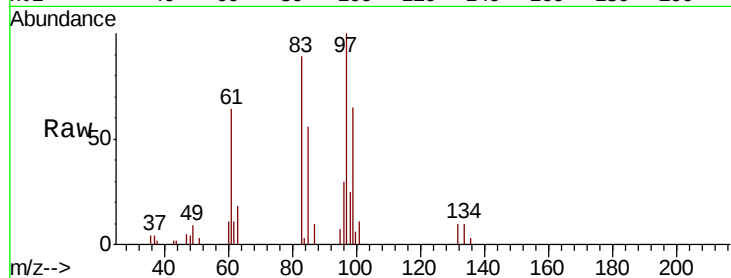




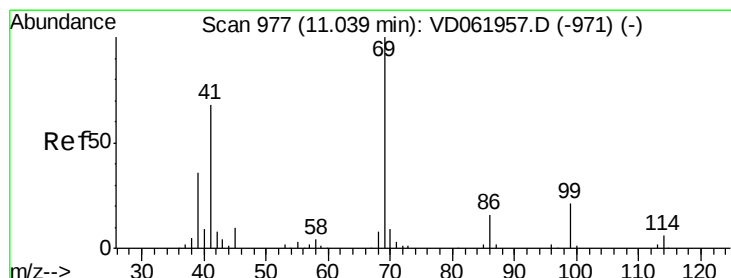
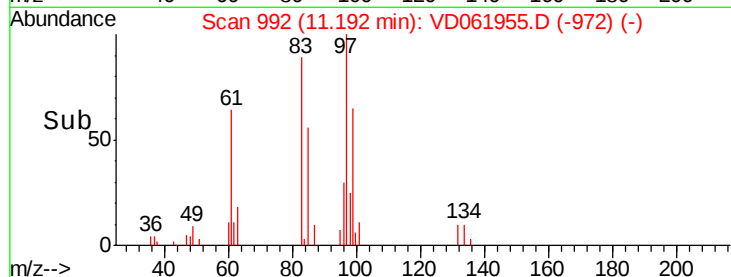
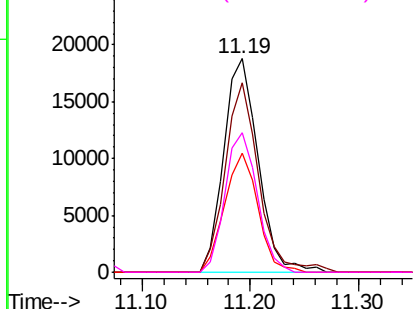
#55
 1,1,2-Trichloroethane
 Concen: 10.676 ug/l
 RT: 11.19 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	41670
Ion	Ratio	Lower	Upper
97	100		
83	88.9	67.0	100.6
85	55.6	45.0	67.4
99	65.4	48.9	73.3

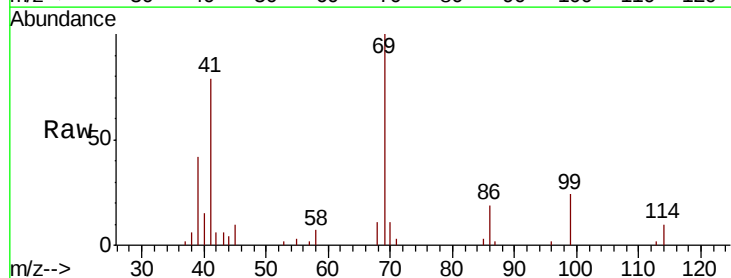


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

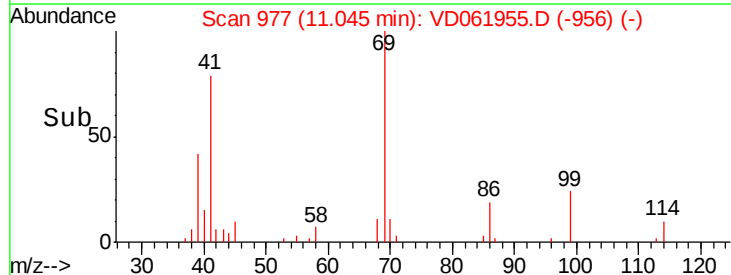
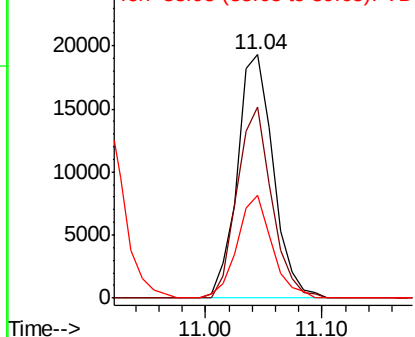


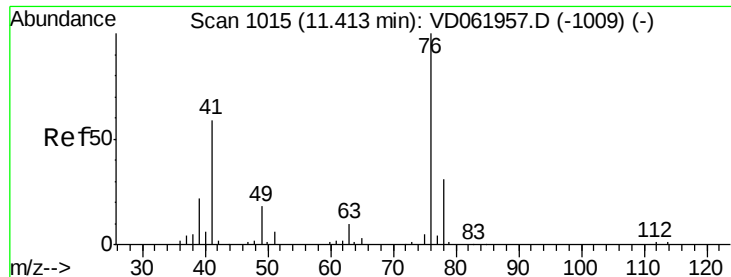
#56
 Ethyl methacrylate
 Concen: 9.560 ug/l
 RT: 11.04 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion:	69	Resp:	41207
Ion	Ratio	Lower	Upper
69	100		
41	78.7	54.6	82.0
39	42.3	29.7	44.5



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

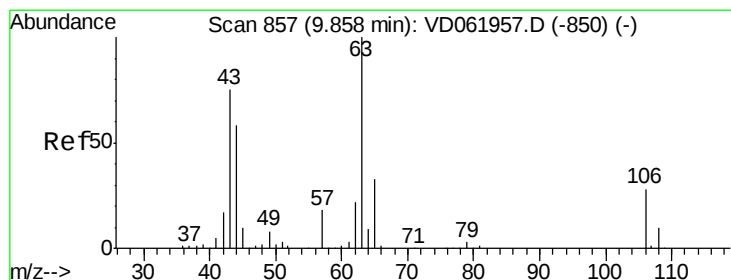
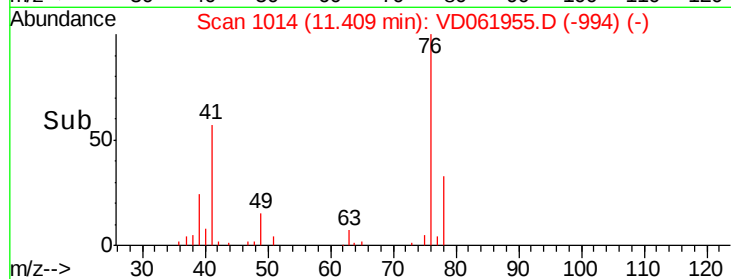
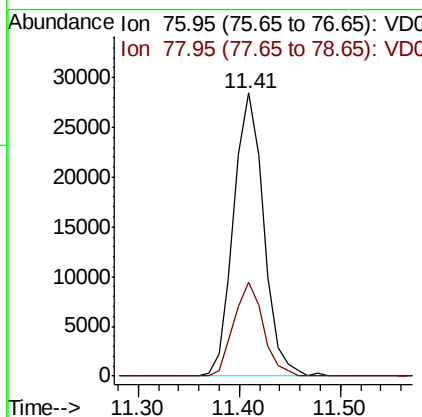
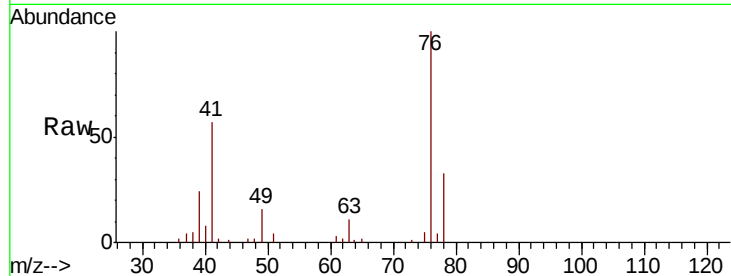




#57
 1,3-Dichloropropane
 Concen: 10.006 ug/l
 RT: 11.41 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

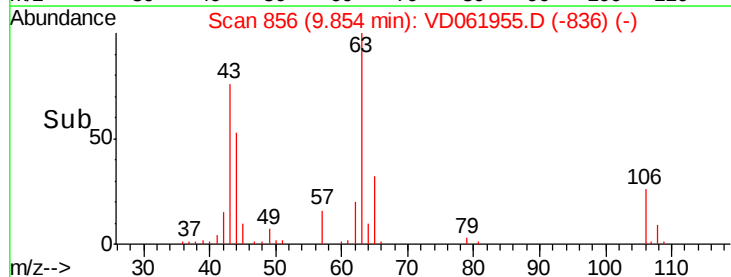
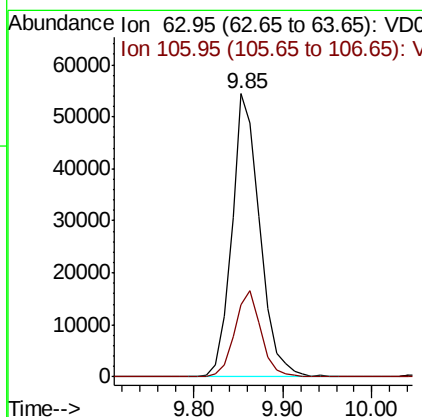
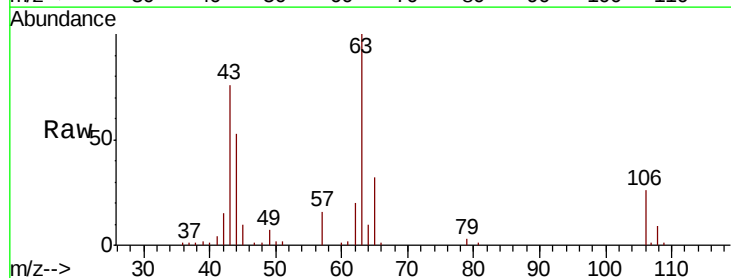
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

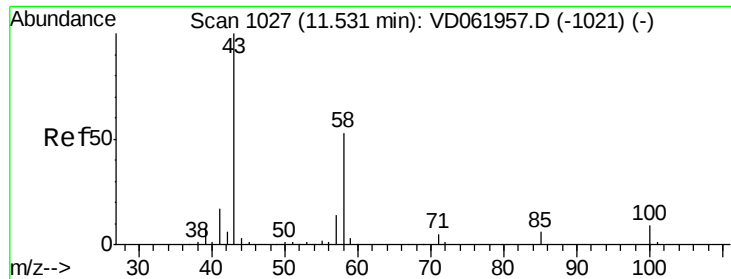
Tgt Ion: 76 Resp: 59091
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.0 37.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 57.093 ug/l
 RT: 9.85 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion: 63 Resp: 118846
 Ion Ratio Lower Upper
 63 100
 106 25.5 22.7 34.1

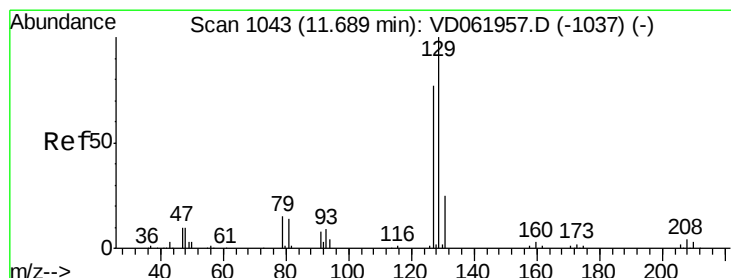
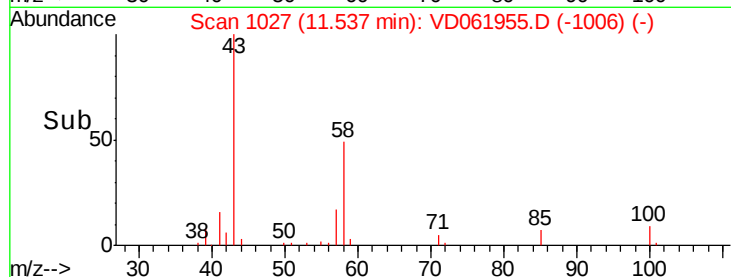
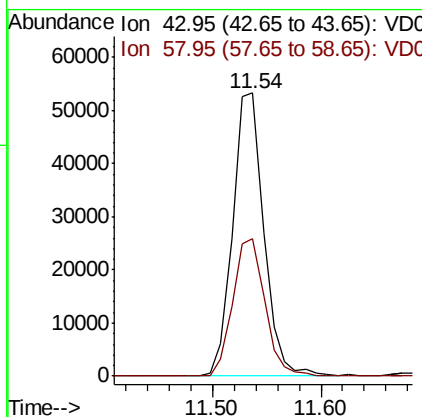
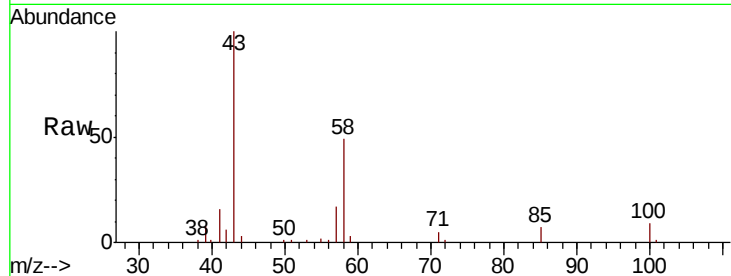




#59
2-Hexanone
Concen: 52.101 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

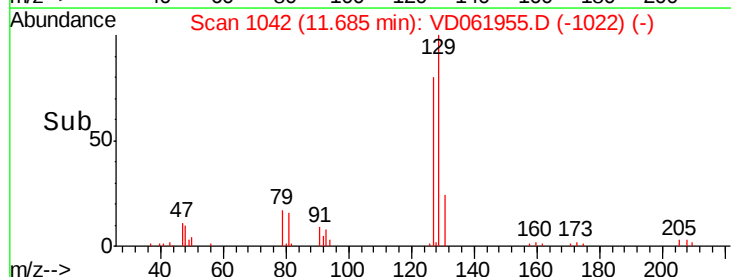
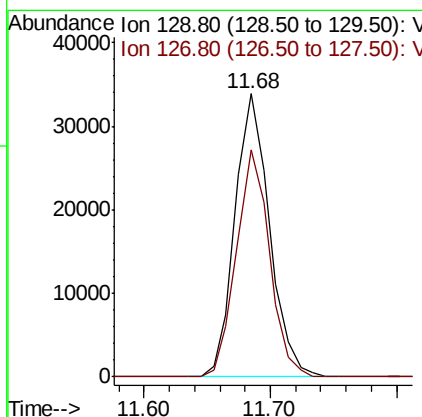
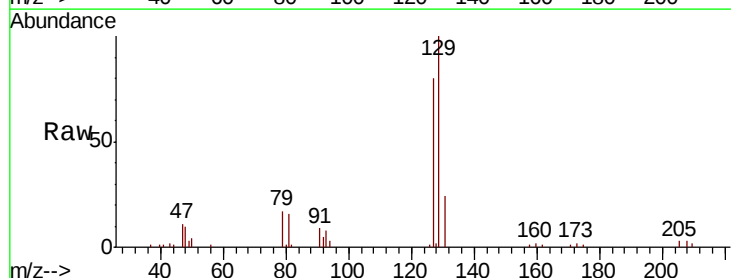
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

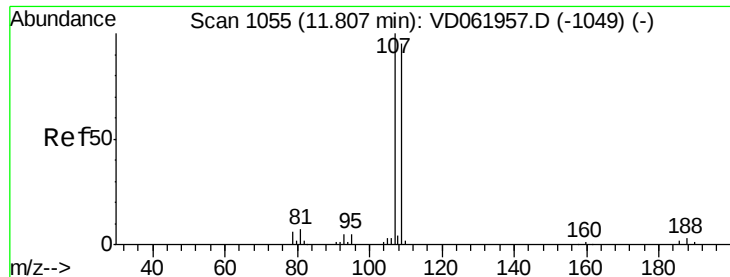
Tgt Ion: 43 Resp: 106563
Ion Ratio Lower Upper
43 100
58 48.6 26.6 79.7



#60
Dibromochloromethane
Concen: 10.161 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 129 Resp: 64090
Ion Ratio Lower Upper
129 100
127 80.2 38.5 115.5

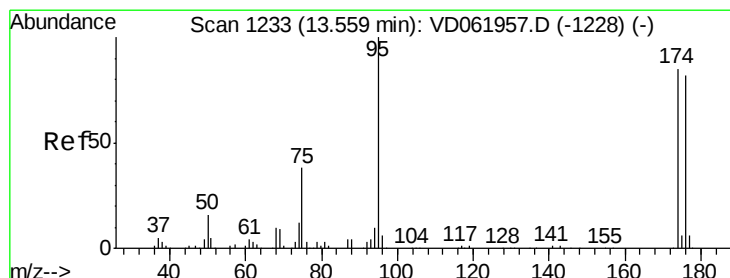
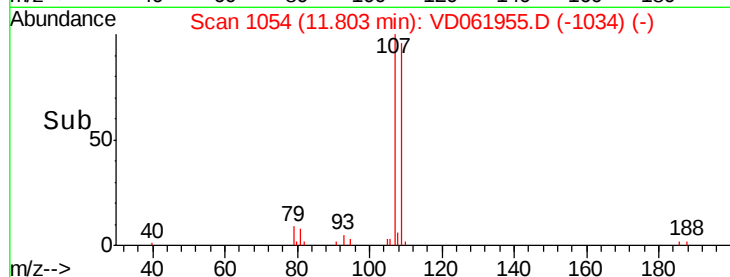
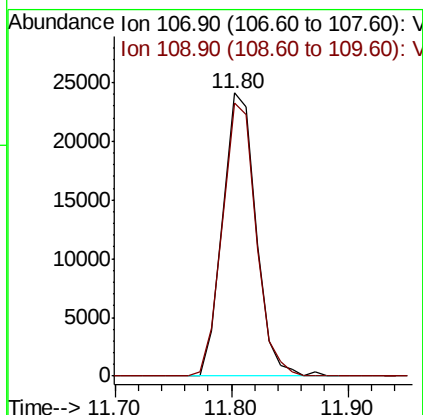
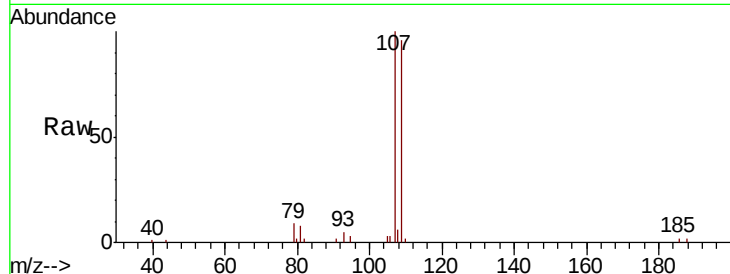




#61
 1,2-Dibromoethane
 Concen: 9.898 ug/l
 RT: 11.80 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

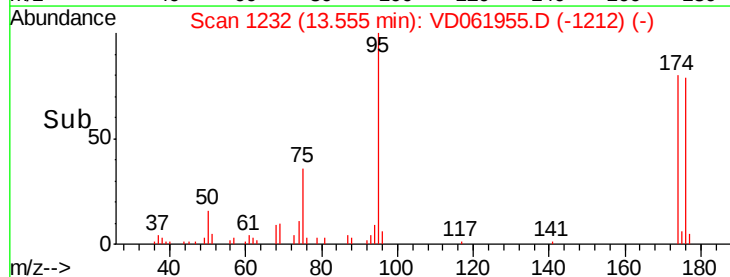
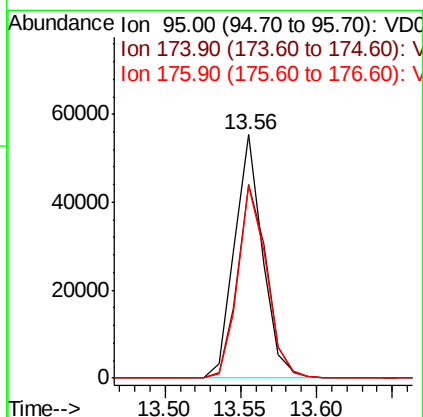
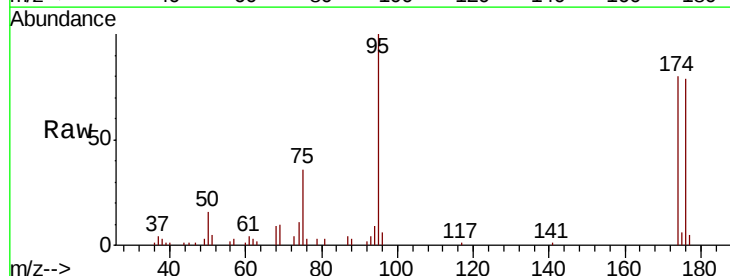
Instrument :
 MSVOA_D
 ClientSampled :
 VSTDIC010

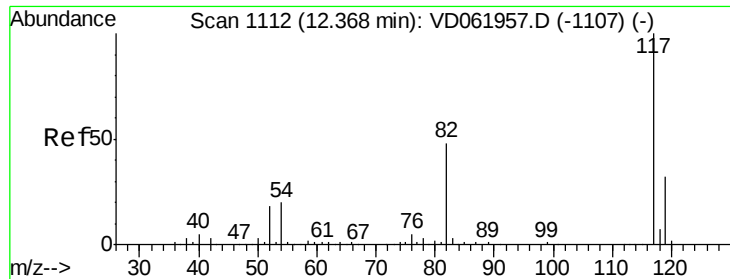
Tgt Ion: 107 Resp: 47752
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 9.898 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion: 95 Resp: 70877
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 170.0
 176 79.1 0.0 163.4

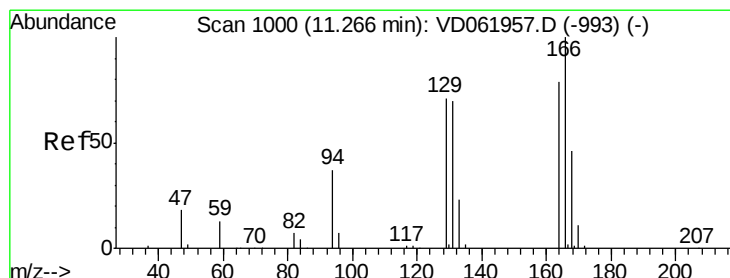
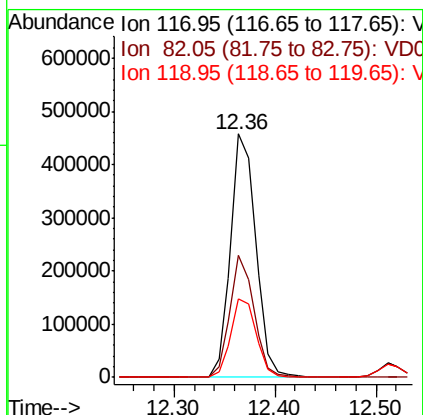
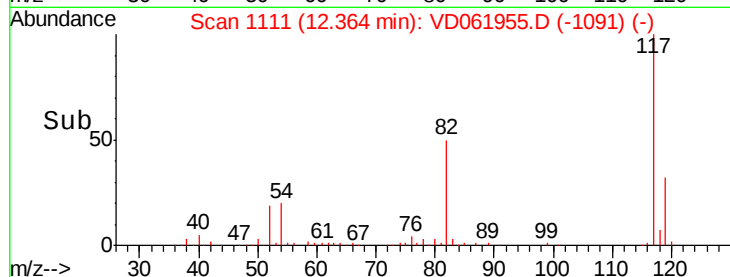
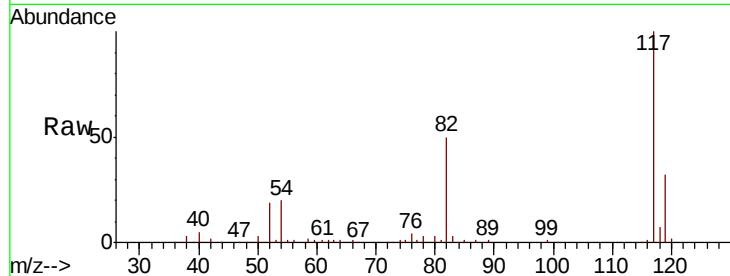




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

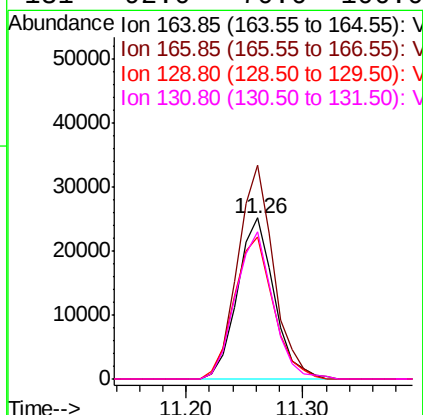
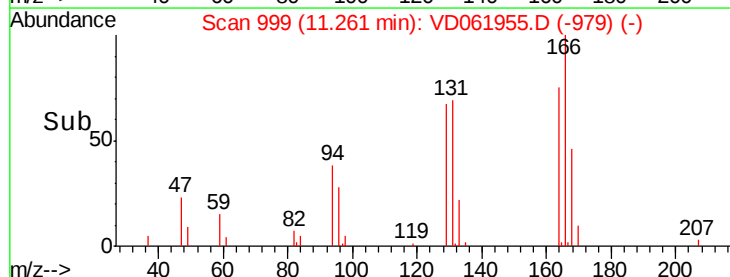
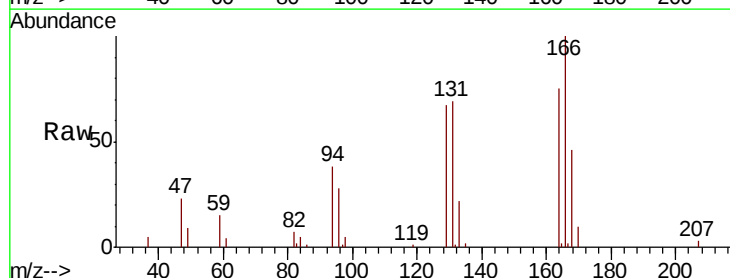
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

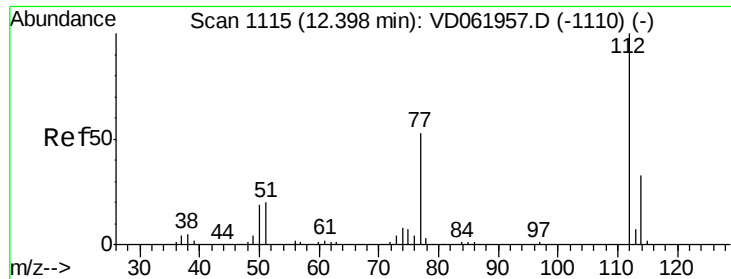
Tgt Ion:117 Resp: 797645
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 9.153 ug/l
RT: 11.26 min Scan# 999
Delta R.T. -0.00 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion:164 Resp: 54724
Ion Ratio Lower Upper
164 100
166 132.9 101.0 151.4
129 88.7 71.8 107.8
131 92.0 70.6 106.0

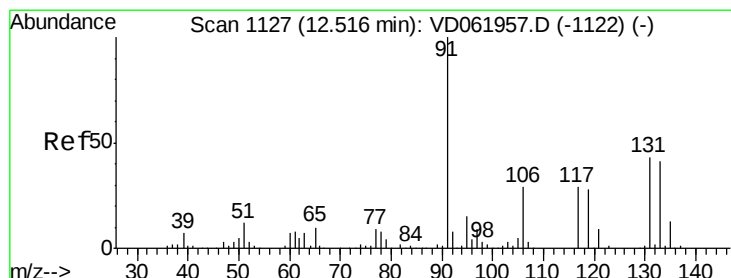
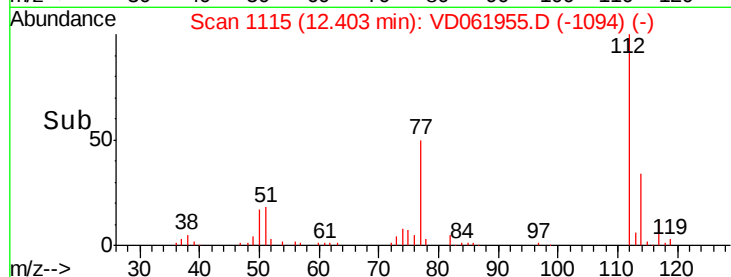
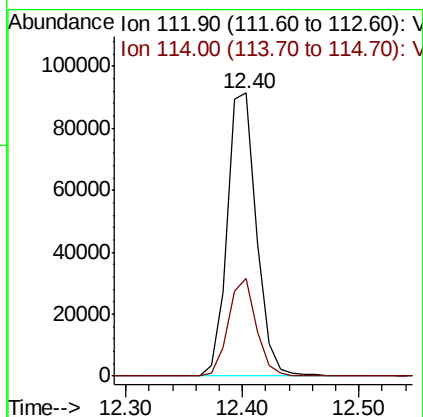
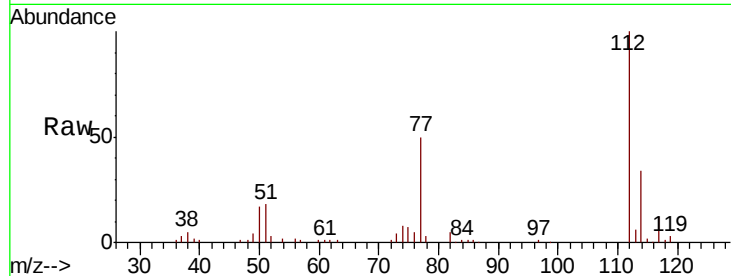




#65
Chlorobenzene
Concen: 10.515 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

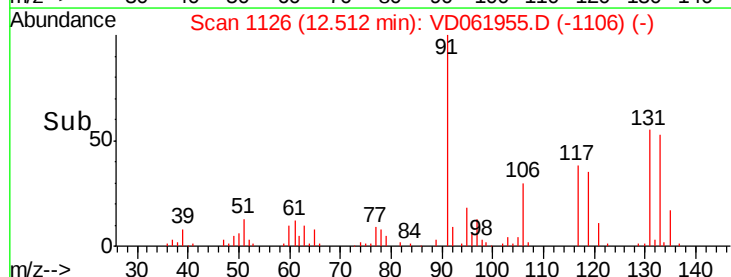
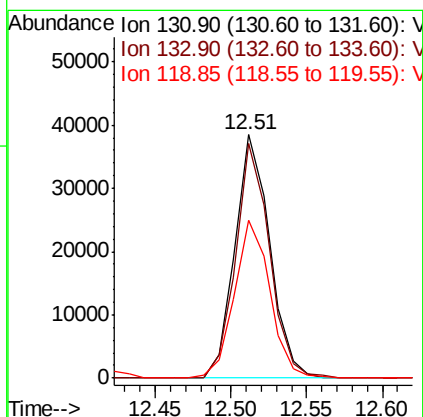
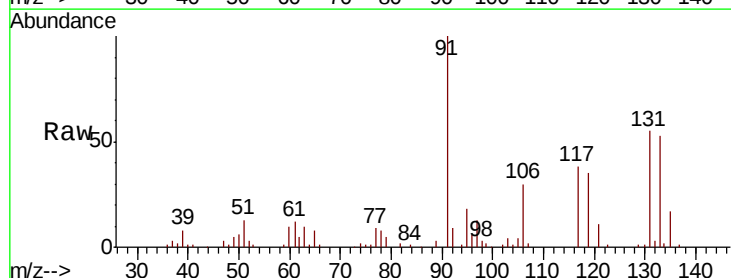
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

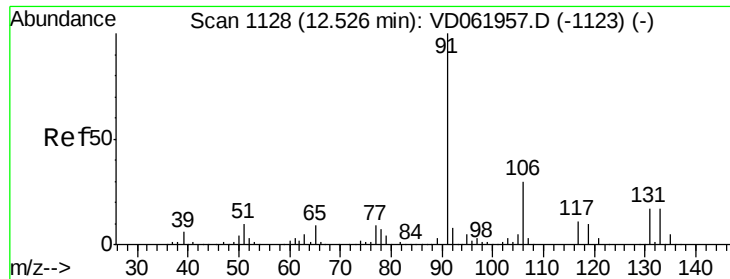
Tgt Ion:112 Resp: 158997
Ion Ratio Lower Upper
112 100
114 34.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 9.701 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion:131 Resp: 61327
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 64.8 32.7 98.1

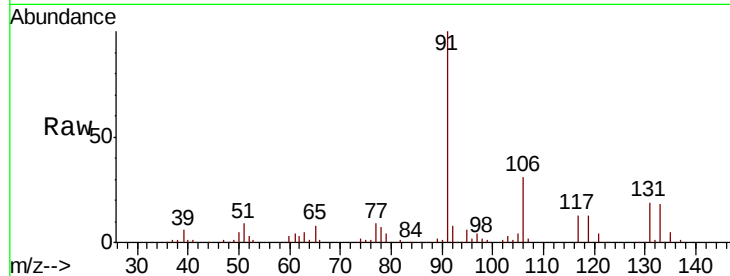




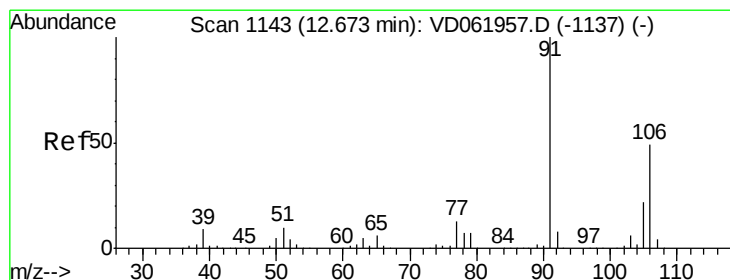
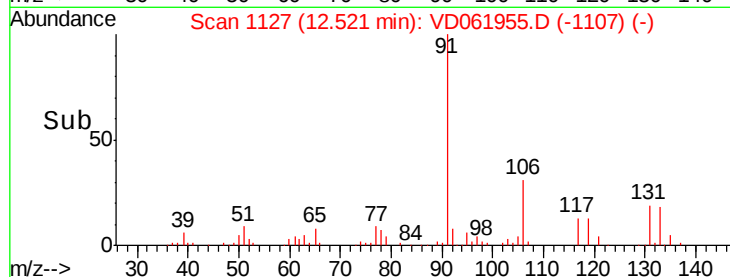
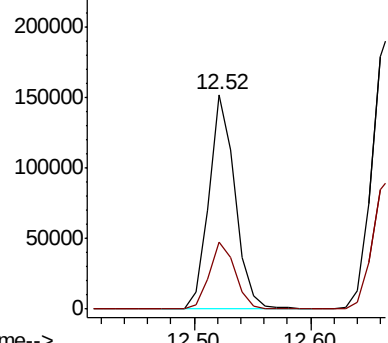
#67
Ethyl Benzene
Concen: 9.786 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 235732
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2

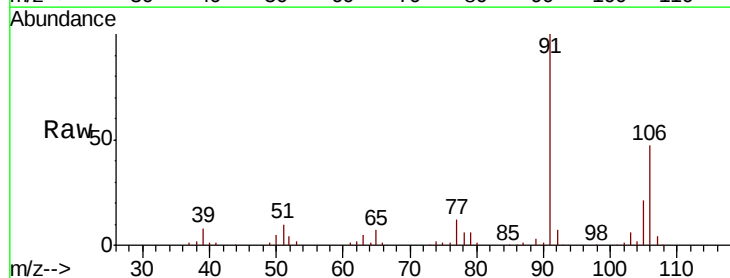


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

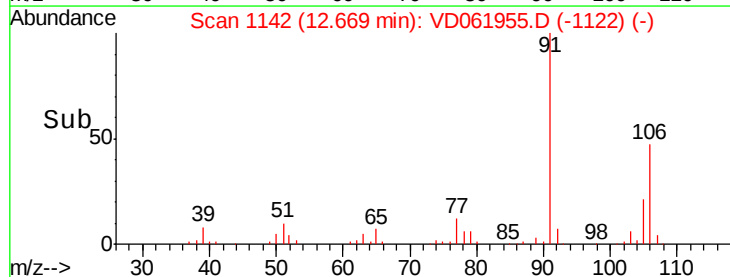
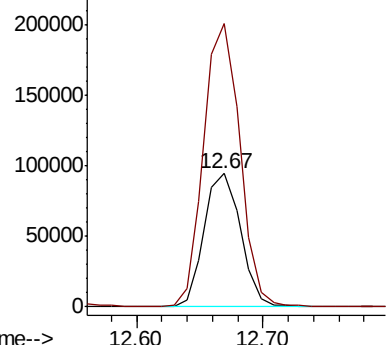


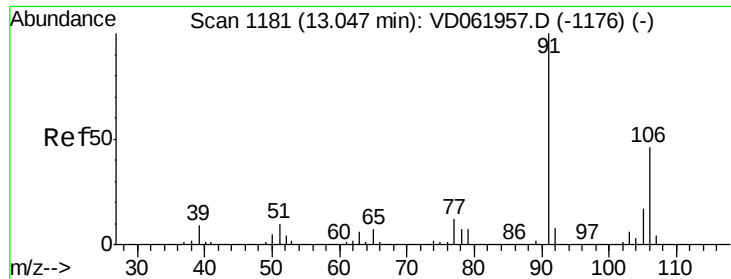
#68
m/p-Xylenes
Concen: 21.199 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion: 106 Resp: 189267
Ion Ratio Lower Upper
106 100
91 212.1 162.7 244.1



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

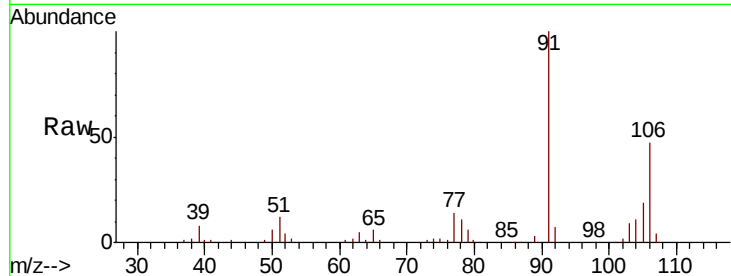




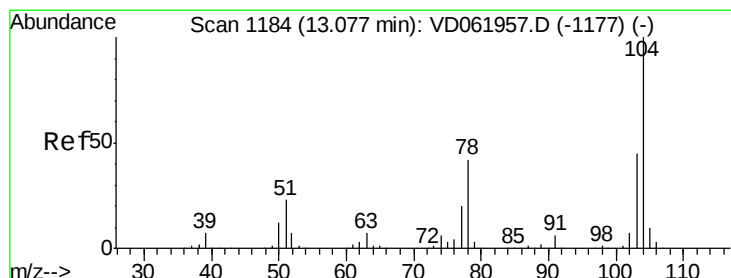
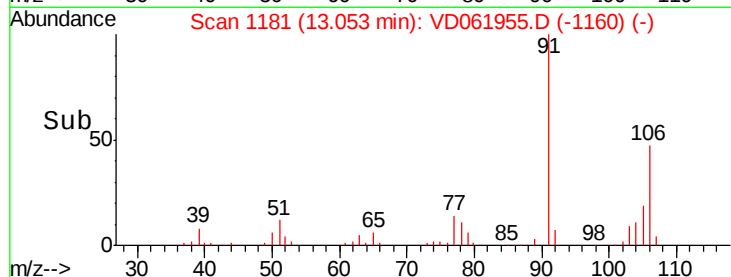
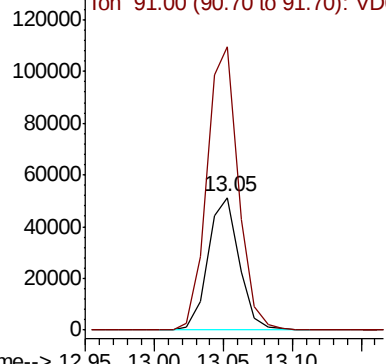
#69
o-Xylene
Concen: 9.445 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 80285
Ion Ratio Lower Upper
106 100
91 213.8 109.9 329.6

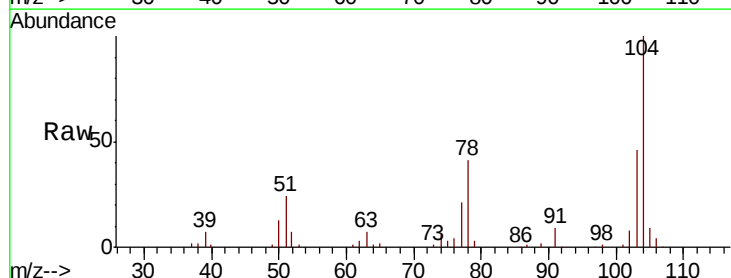


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

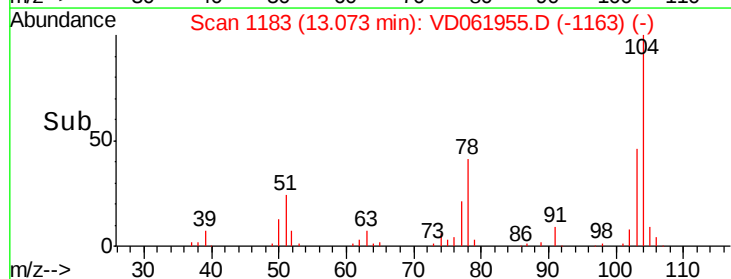
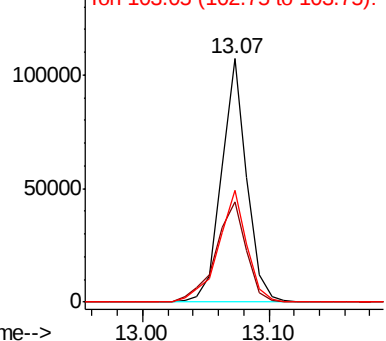


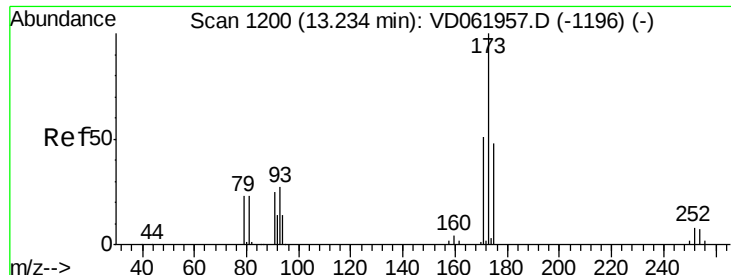
#70
Styrene
Concen: 10.244 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion:104 Resp: 148775
Ion Ratio Lower Upper
104 100
78 41.4 33.8 50.8
103 46.1 36.3 54.5



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





#71

Bromoform

Concen: 9.513 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

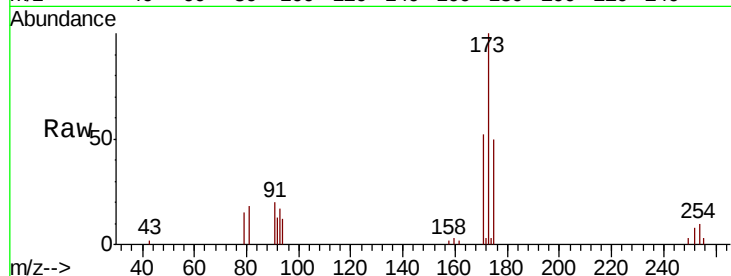
Tgt Ion:173 Resp: 35695

Ion Ratio Lower Upper

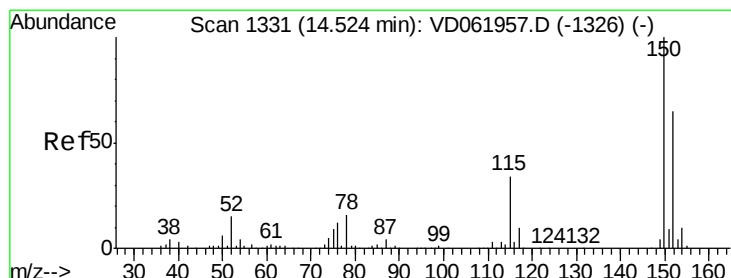
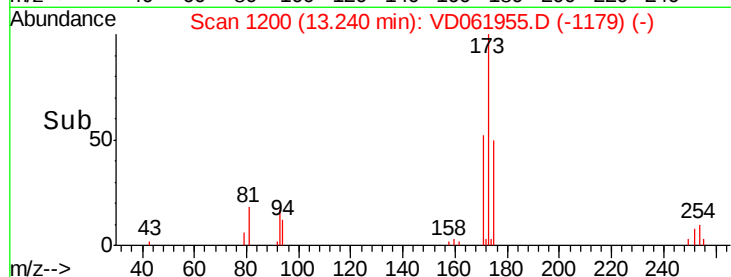
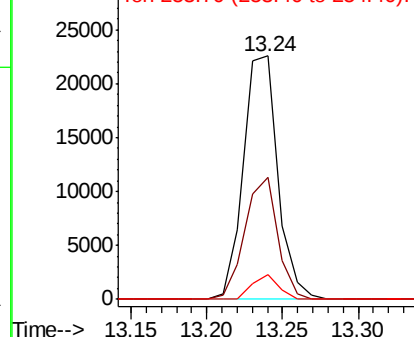
173 100

175 50.1 24.2 72.6

254 10.2 5.3 7.9#



Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

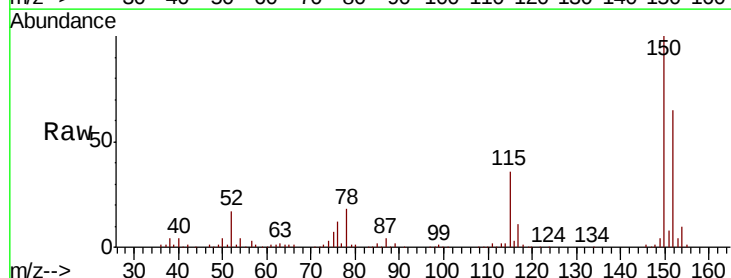
Tgt Ion:152 Resp: 342611

Ion Ratio Lower Upper

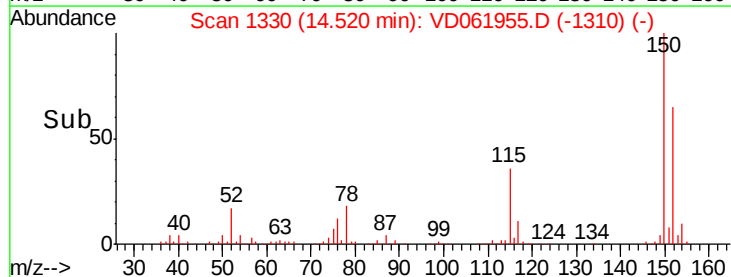
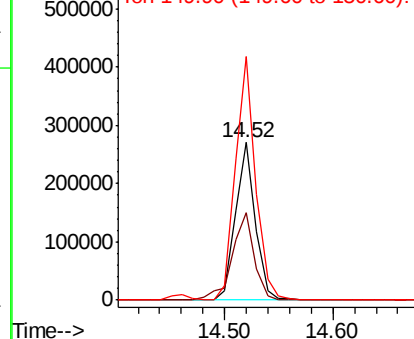
152 100

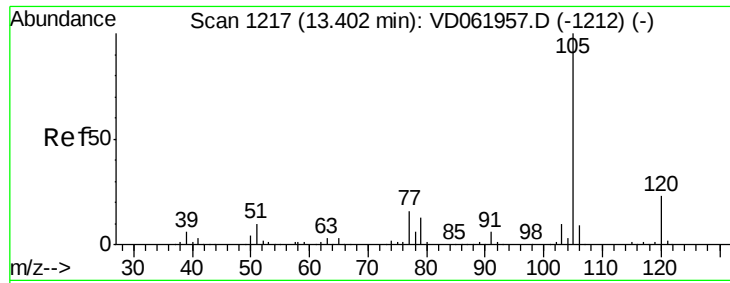
115 55.3 26.7 80.0

150 154.5 0.0 312.6



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: 10.826 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

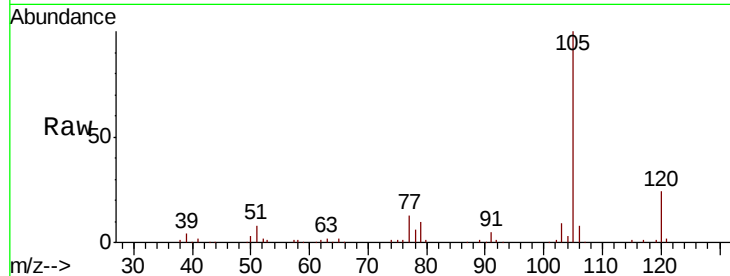
VSTDIC010

Tgt Ion: 105 Resp: 237007

Ion Ratio Lower Upper

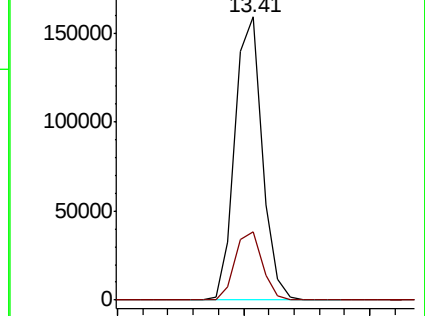
105 100

120 23.9 11.8 35.3

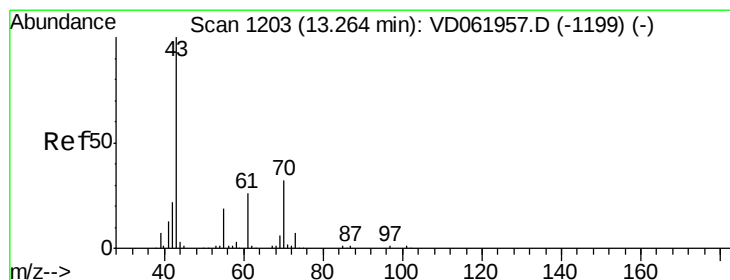
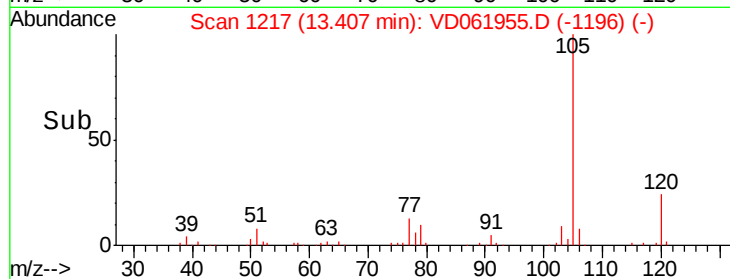


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 9.749 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Tgt Ion: 43 Resp: 57979

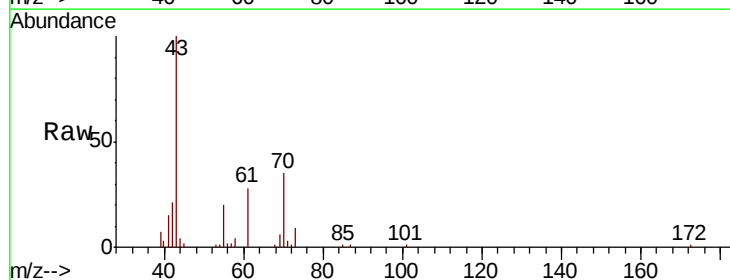
Ion Ratio Lower Upper

43 100

70 34.9 25.4 38.0

55 20.2 15.1 22.7

61 28.0 20.7 31.1

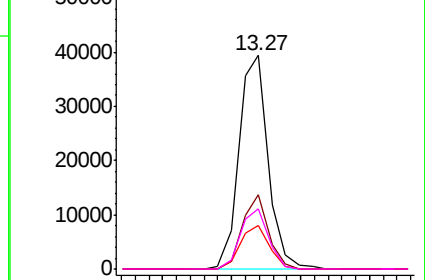


Abundance Ion 42.95 (42.65 to 43.65): VDC

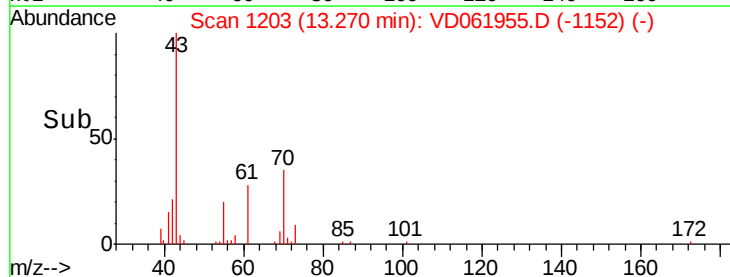
Ion 70.00 (69.70 to 70.70): VDC

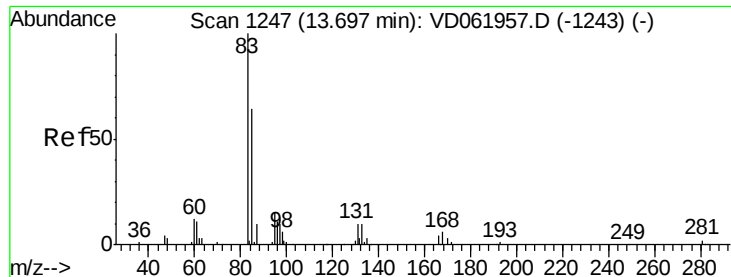
Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



Time--> 13.20 13.25 13.30 13.35





#75

1,1,2,2-Tetrachloroethane

Concen: 10.496 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

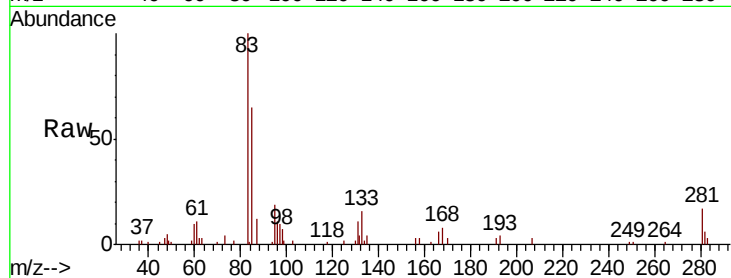
Tgt Ion: 83 Resp: 46028

Ion Ratio Lower Upper

83 100

131 11.3 4.9 14.7

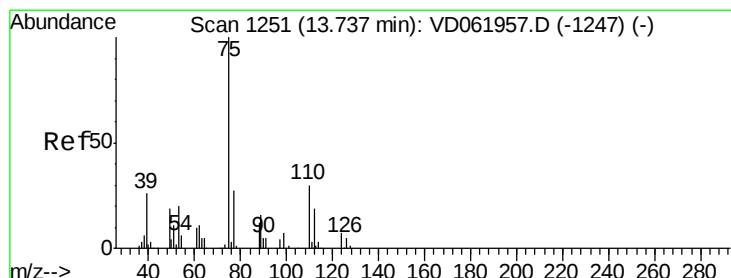
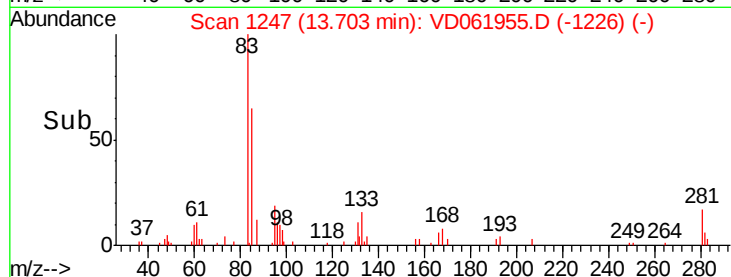
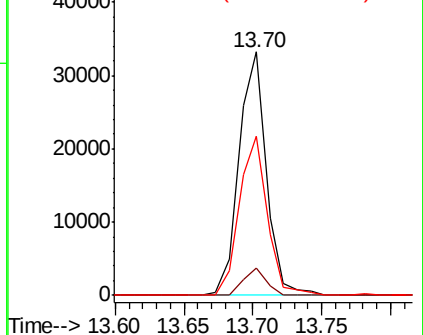
85 65.4 31.9 95.9



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 10.413 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD061955.D

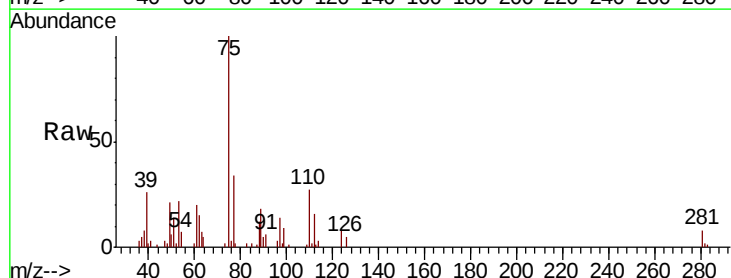
Acq: 23 Apr 2019 00:17

Tgt Ion: 75 Resp: 46785

Ion Ratio Lower Upper

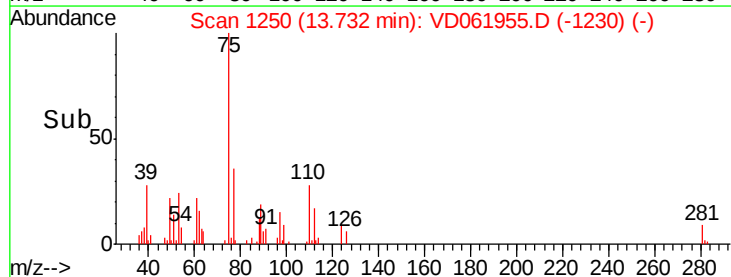
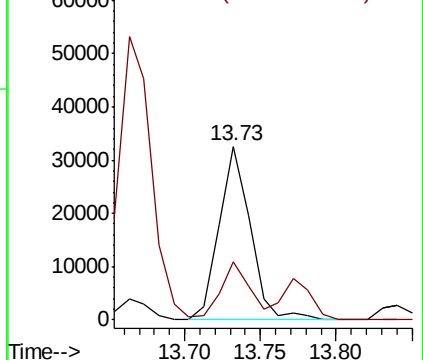
75 100

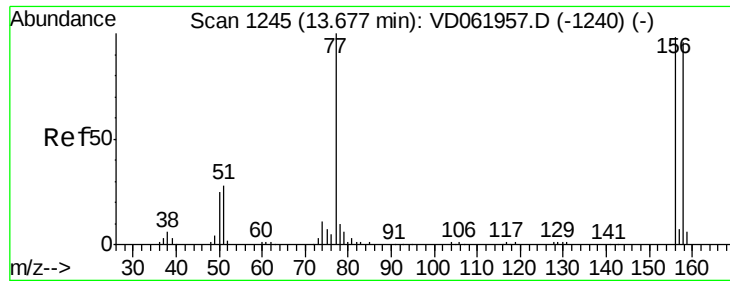
77 33.7 16.0 48.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 10.181 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

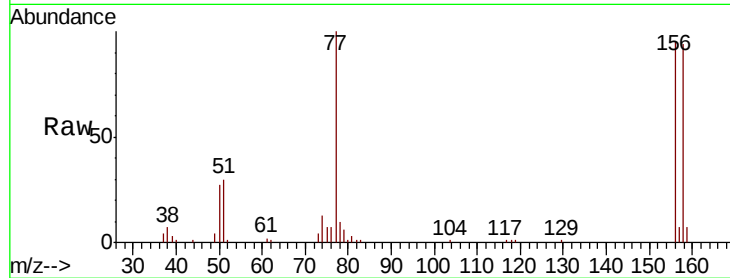
Tgt Ion:156 Resp: 63971

Ion Ratio Lower Upper

156 100

77 105.4 51.2 153.6

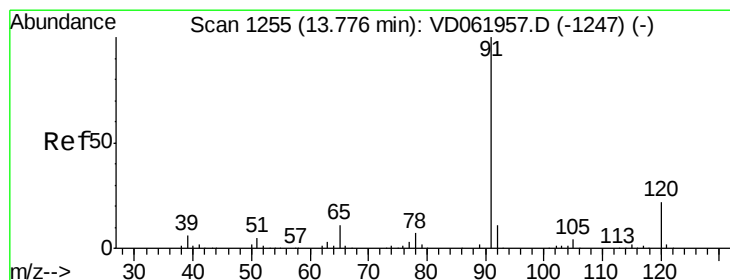
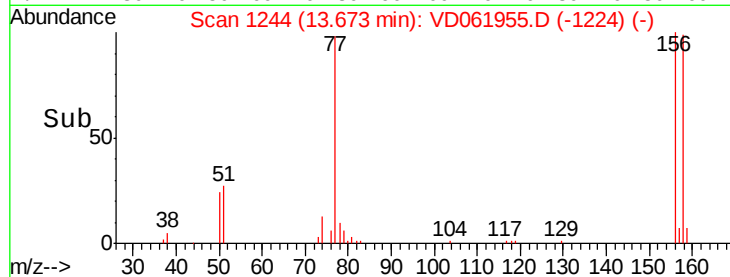
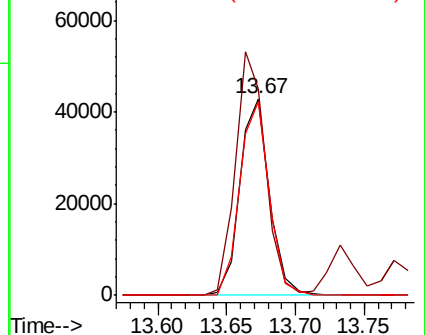
158 98.8 49.0 147.0



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: 10.892 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD061955.D

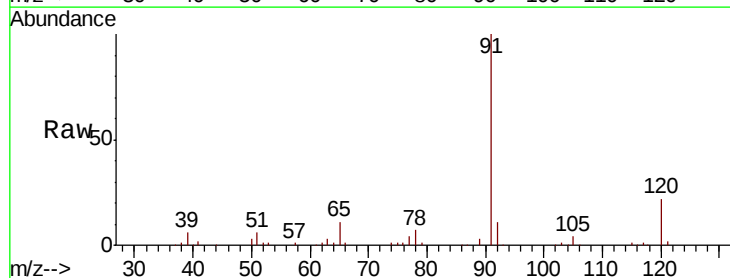
Acq: 23 Apr 2019 00:17

Tgt Ion: 91 Resp: 277163

Ion Ratio Lower Upper

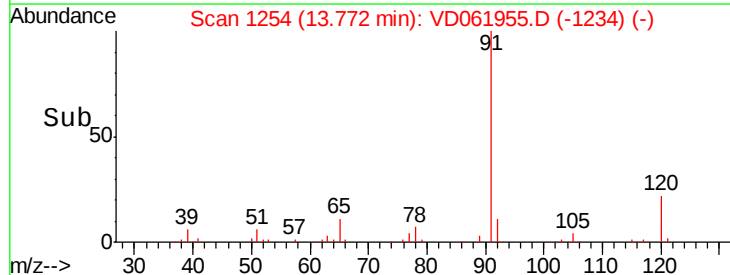
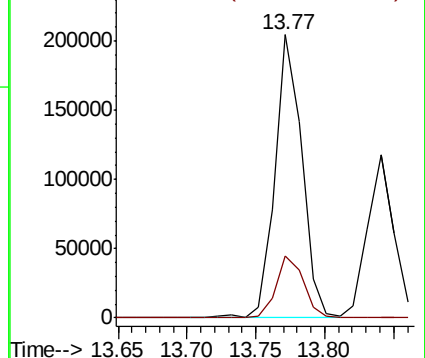
91 100

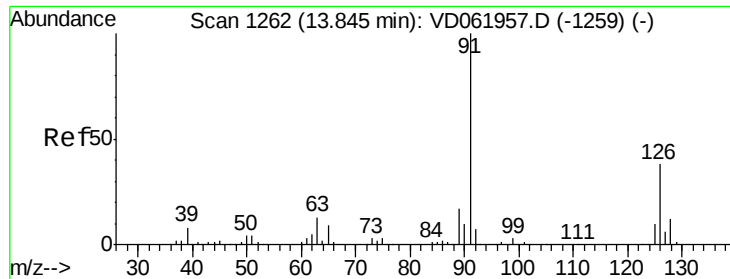
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

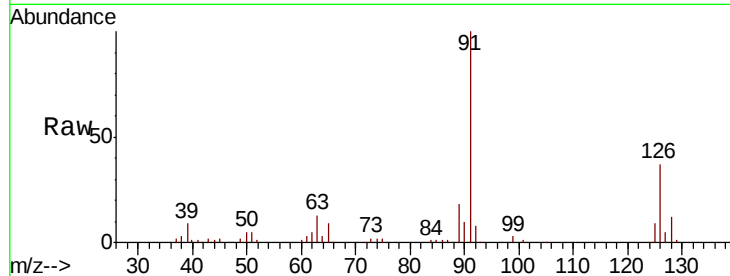




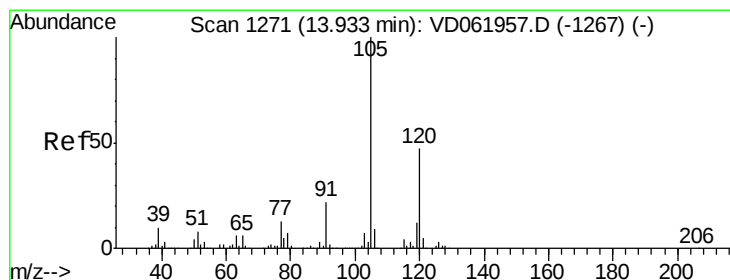
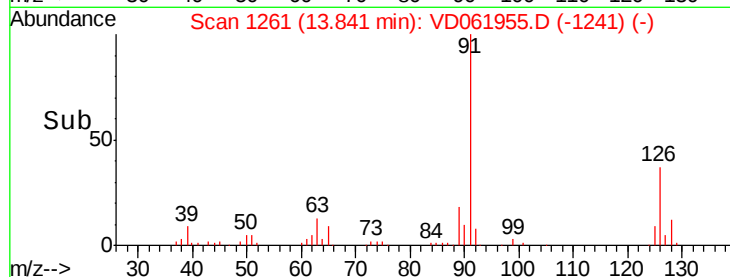
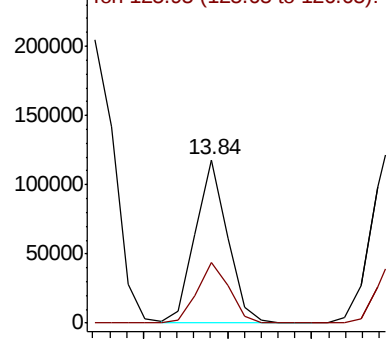
#79
 2-Chlorotoluene
 Concen: 10.493 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 91 Resp: 156883
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.9 56.9

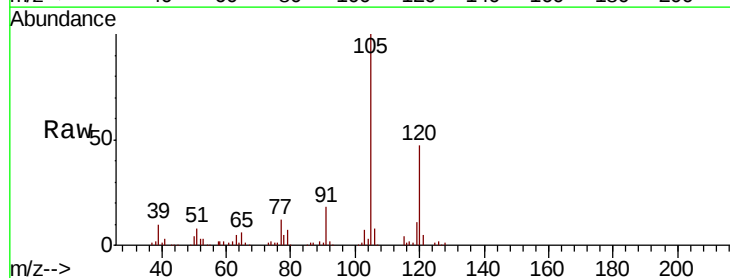


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

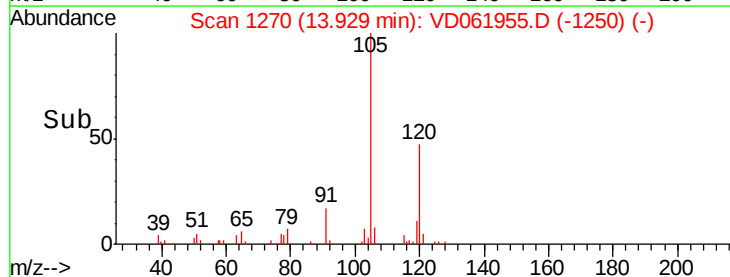
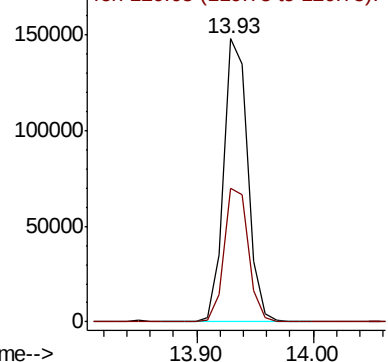


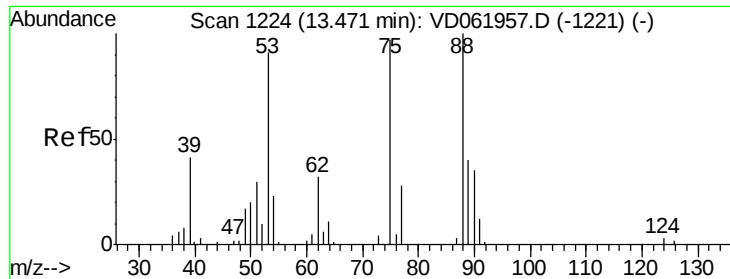
#80
 1,3,5-Trimethylbenzene
 Concen: 11.897 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion: 105 Resp: 211157
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.3 69.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 9.628 ug/l

RT: 13.48 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

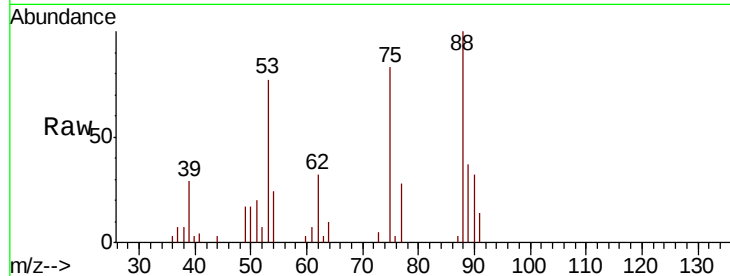
Tgt Ion: 75 Resp: 12403

Ion Ratio Lower Upper

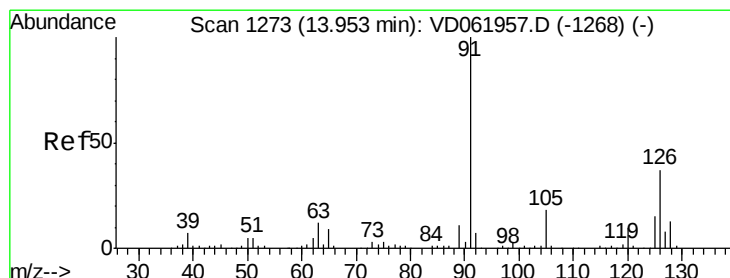
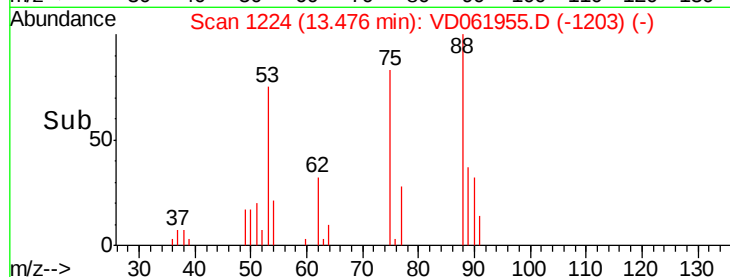
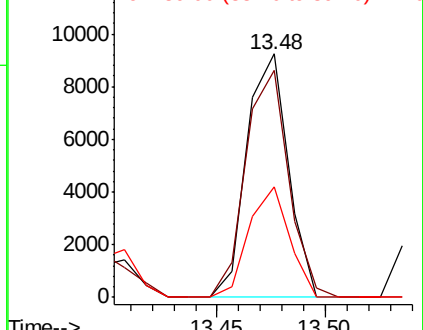
75 100

53 93.2 75.2 112.8

89 45.1 33.0 49.4



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: 11.434 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VD061955.D

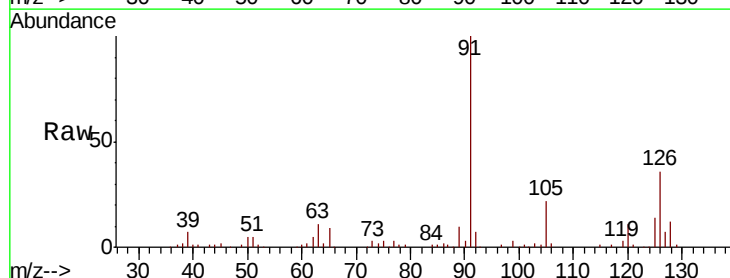
Acq: 23 Apr 2019 00:17

Tgt Ion: 91 Resp: 196586

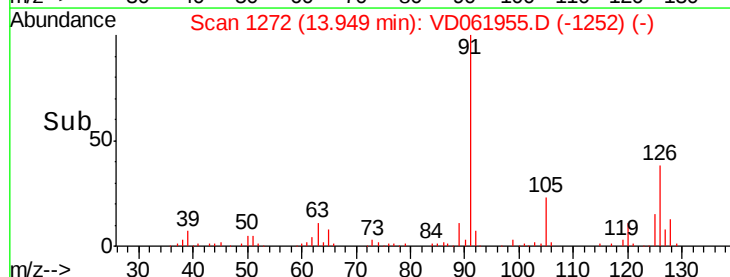
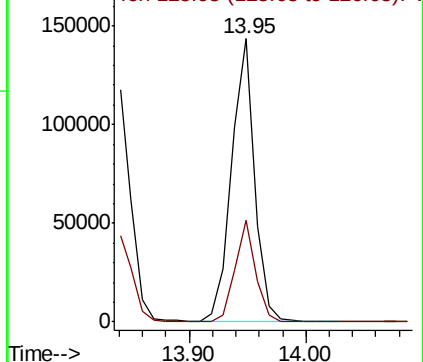
Ion Ratio Lower Upper

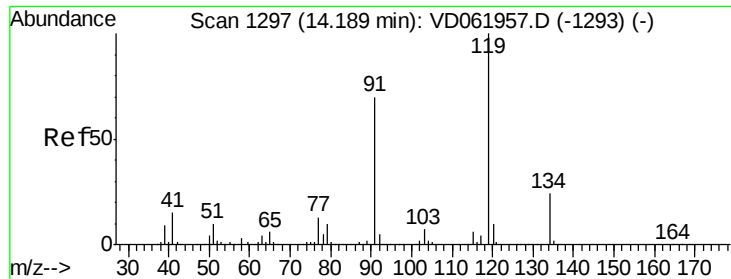
91 100

126 36.1 18.3 54.9



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

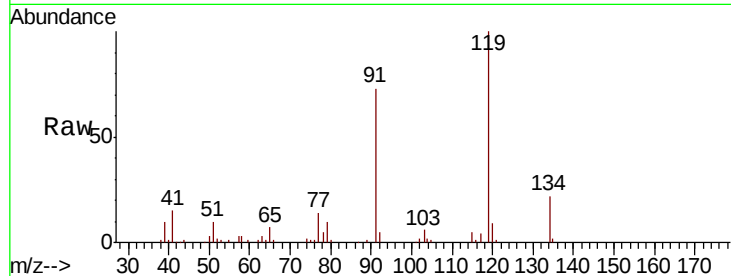




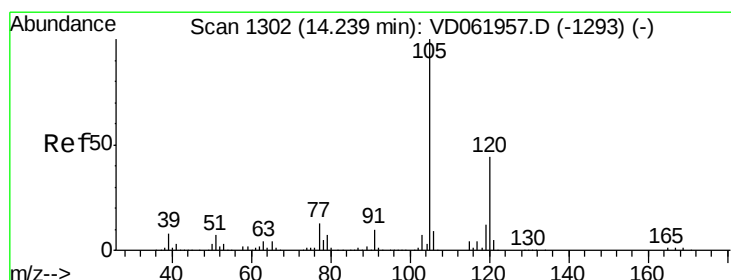
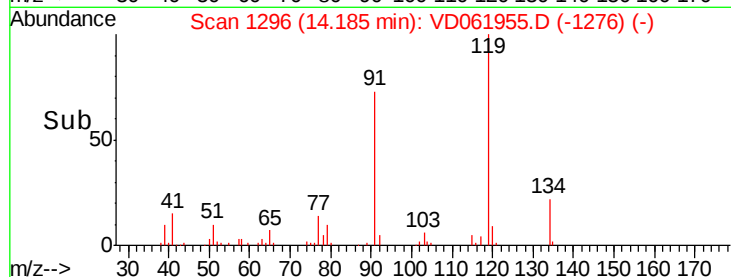
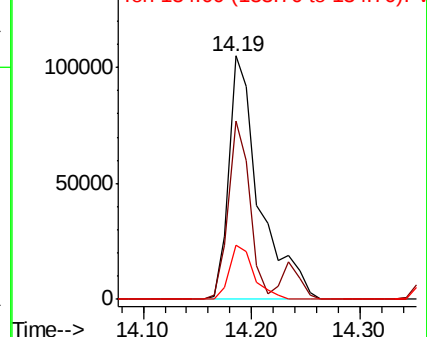
#83
 tert-Butylbenzene
 Concen: 10.041 ug/l
 RT: 14.19 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:119 Resp: 206752
 Ion Ratio Lower Upper
 119 100
 91 73.3 35.3 105.7
 134 22.1 11.9 35.7

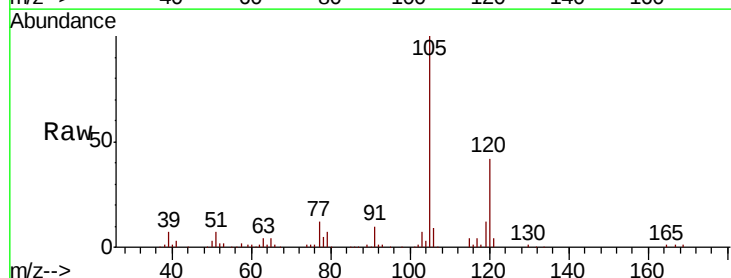


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

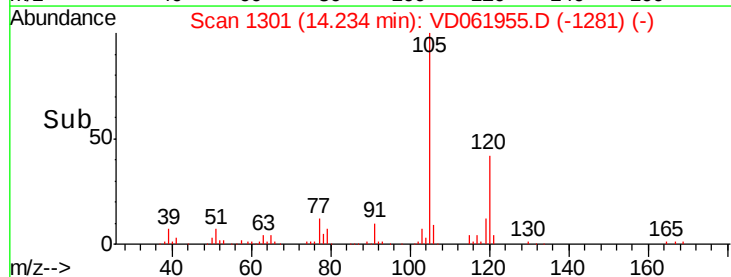
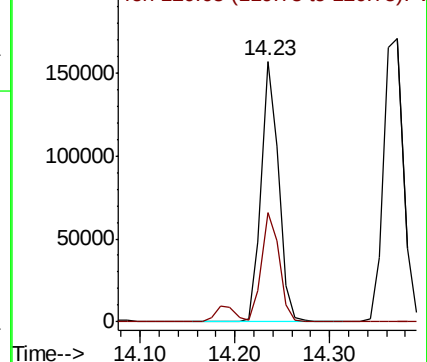


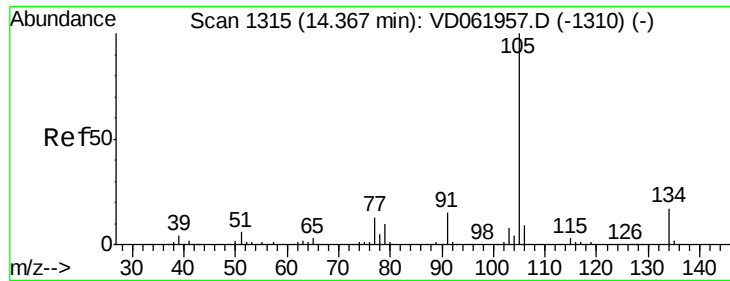
#84
 1,2,4-Trimethylbenzene
 Concen: 11.690 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion:105 Resp: 201900
 Ion Ratio Lower Upper
 105 100
 120 42.0 22.1 66.1



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

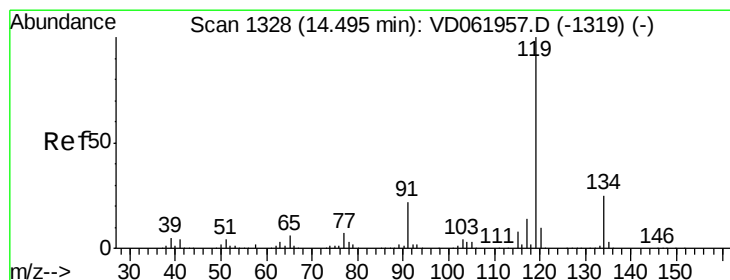
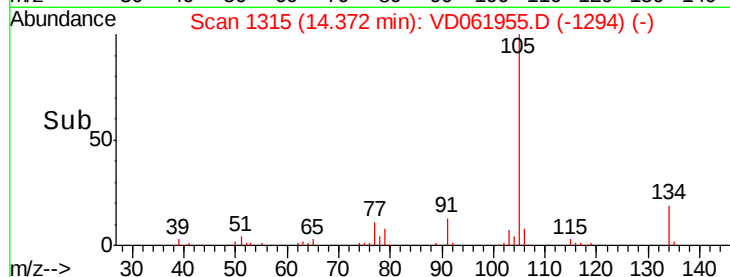
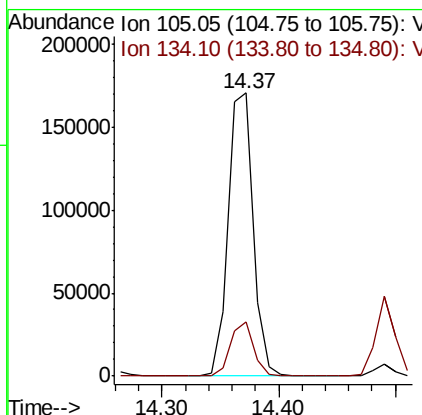
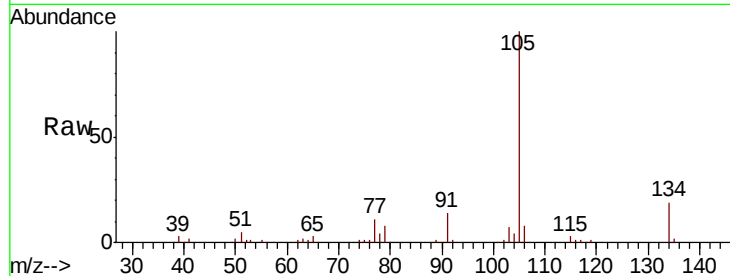




#85
 sec-Butylbenzene
 Concen: 11.847 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

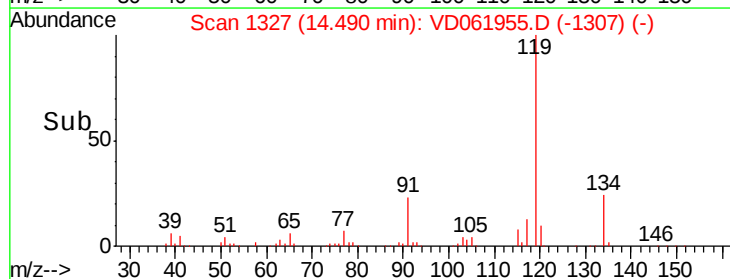
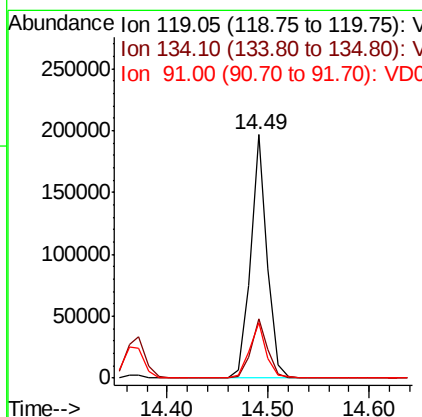
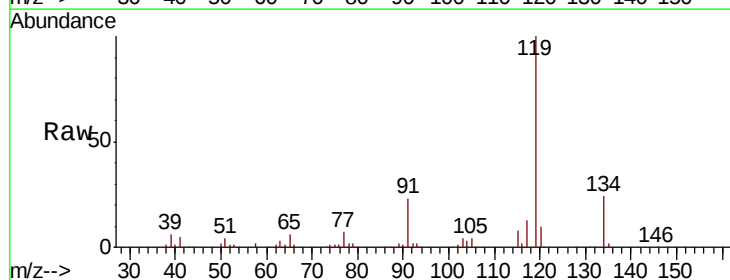
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

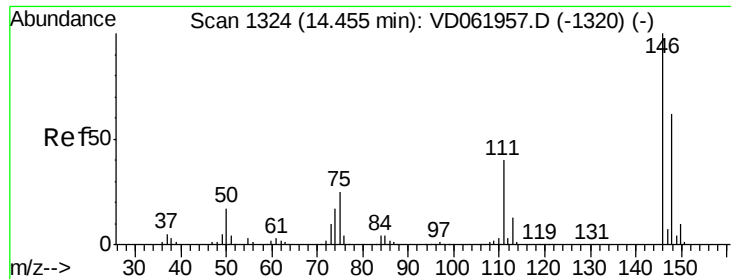
Tgt Ion:105 Resp: 253097
 Ion Ratio Lower Upper
 105 100
 134 19.4 8.4 25.2



#86
 p-Isopropyltoluene
 Concen: 11.387 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion:119 Resp: 225698
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.4 37.2
 91 22.8 11.3 33.9

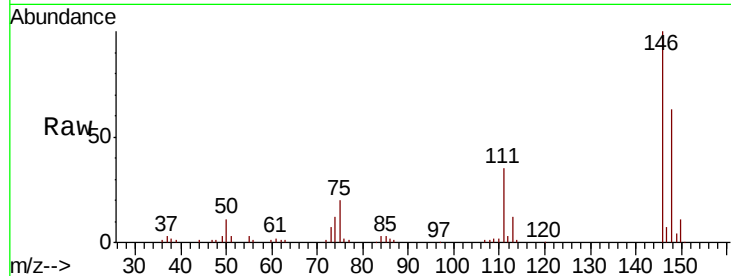




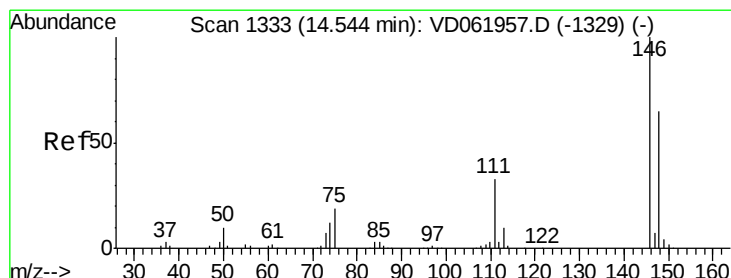
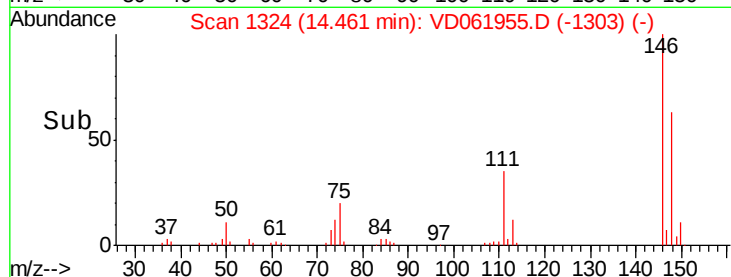
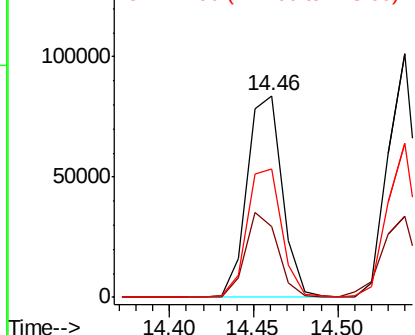
#87
 1,3-Dichlorobenzene
 Concen: 11.146 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

Tgt Ion:146 Resp: 121810
 Ion Ratio Lower Upper
 146 100
 111 35.0 20.1 60.3
 148 63.3 31.1 93.2

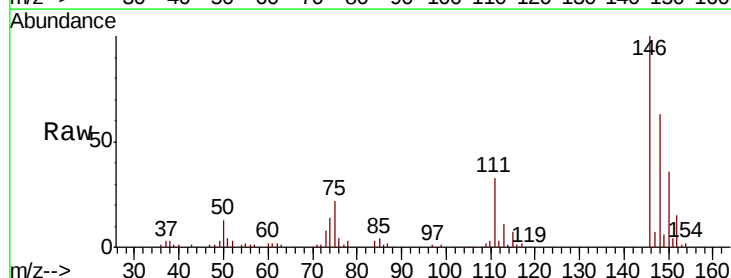


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

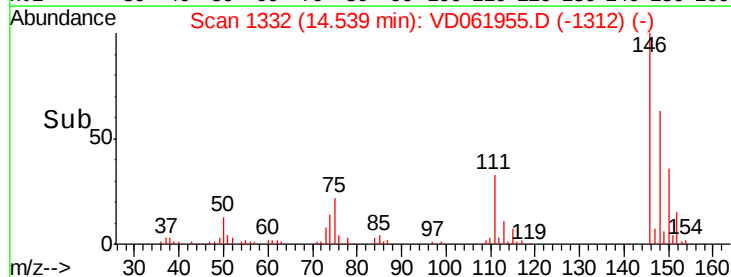
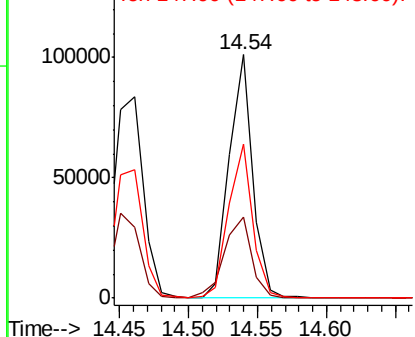


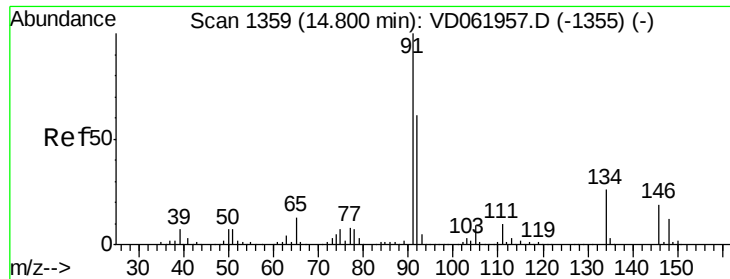
#88
 1,4-Dichlorobenzene
 Concen: 11.140 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion:146 Resp: 120132
 Ion Ratio Lower Upper
 146 100
 111 33.4 16.8 50.3
 148 63.1 32.6 97.8



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





#89

n-Butylbenzene

Concen: 11.531 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

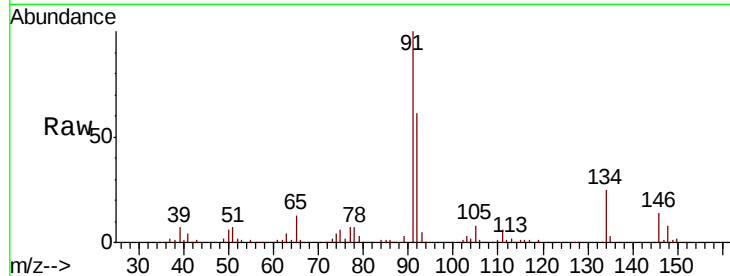
Tgt Ion: 91 Resp: 204955

Ion Ratio Lower Upper

91 100

92 60.7 30.3 91.0

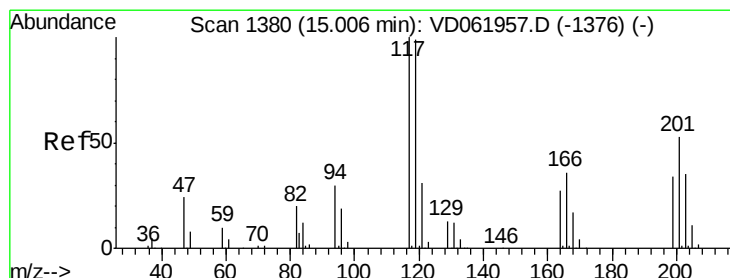
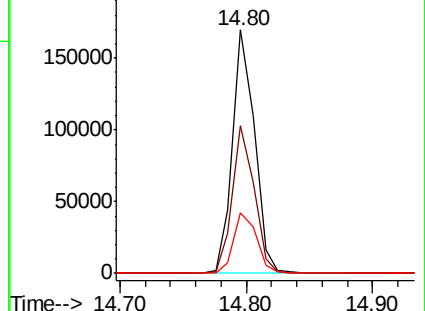
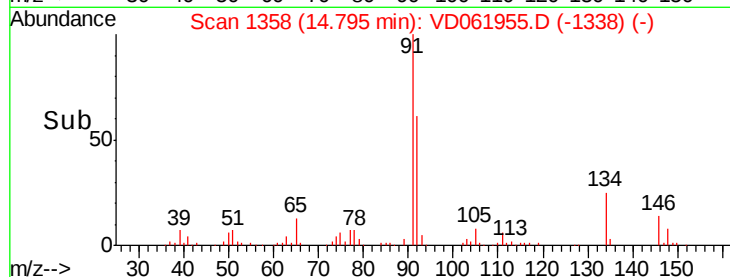
134 25.1 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 10.358 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. 0.01 min

Lab File: VD061955.D

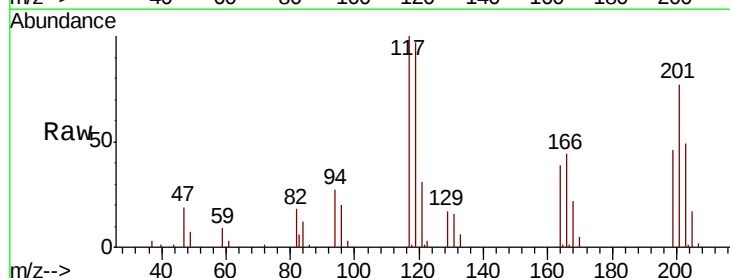
Acq: 23 Apr 2019 00:17

Tgt Ion: 117 Resp: 56311

Ion Ratio Lower Upper

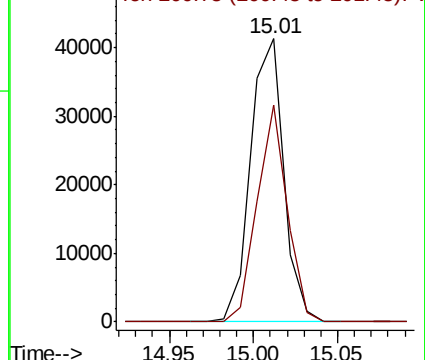
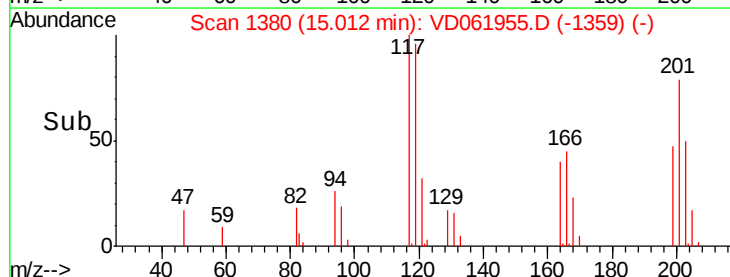
117 100

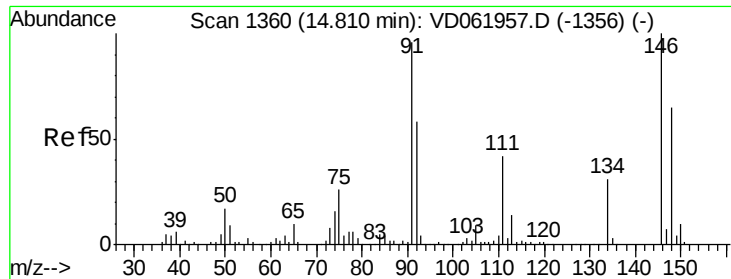
201 76.7 26.4 79.2



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#91

1,2-Dichlorobenzene

Concen: 11.584 ug/l

RT: 14.81 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

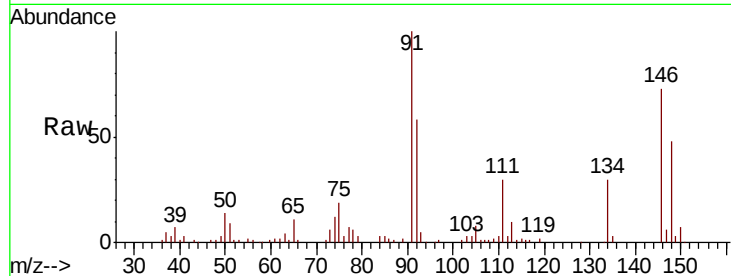
Tgt Ion:146 Resp: 107499

Ion Ratio Lower Upper

146 100

111 40.7 20.9 62.8

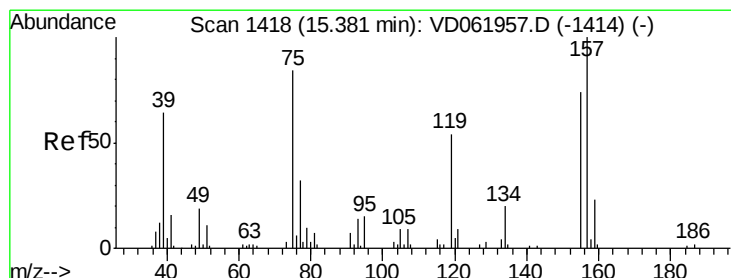
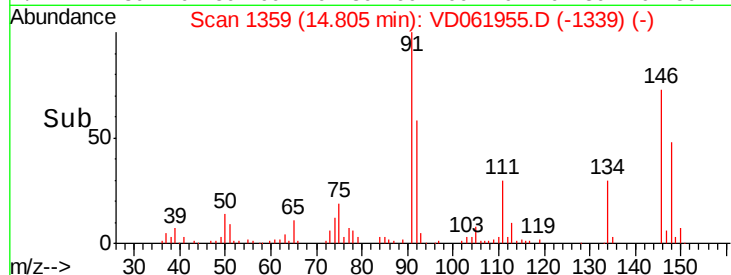
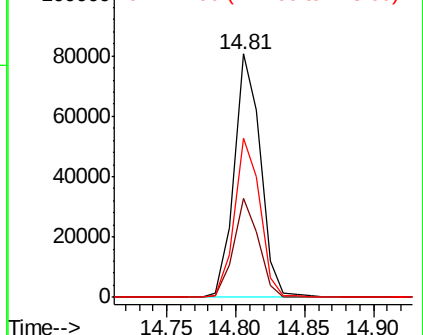
148 65.3 32.3 96.8



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: 9.919 ug/l

RT: 15.38 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VD061955.D

Acq: 23 Apr 2019 00:17

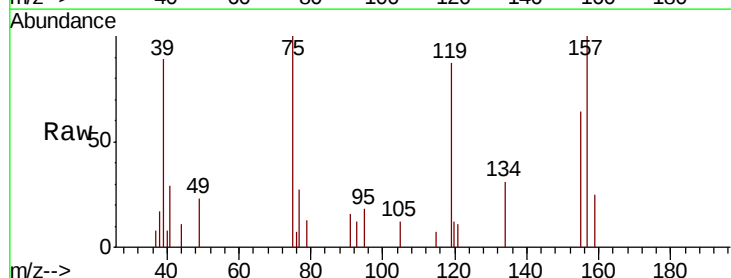
Tgt Ion: 75 Resp: 6014

Ion Ratio Lower Upper

75 100

155 64.4 44.0 131.8

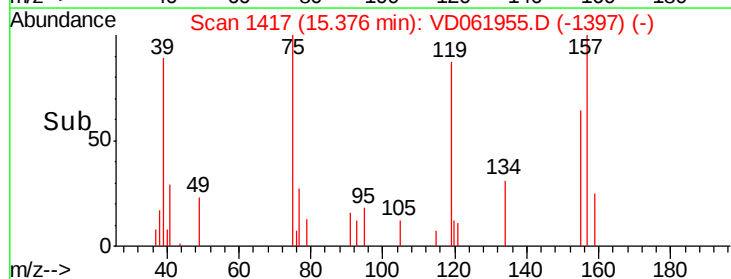
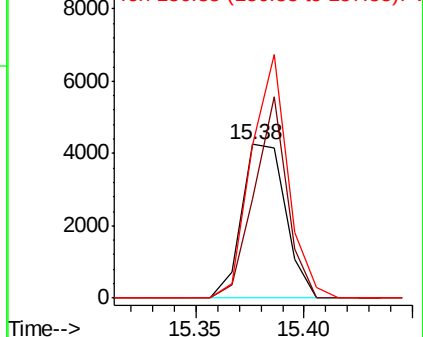
157 99.9 59.8 179.4

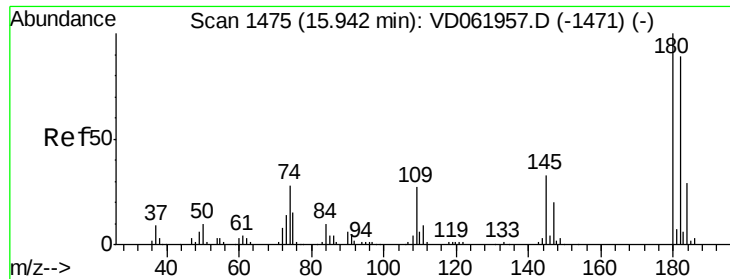


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

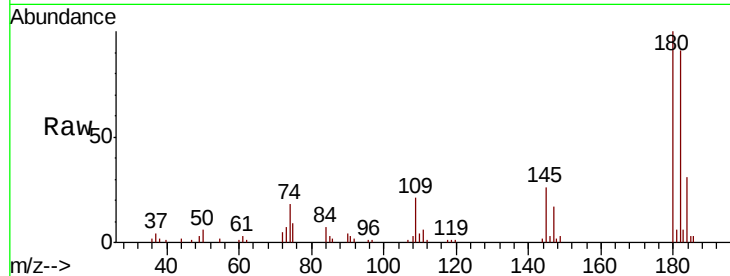




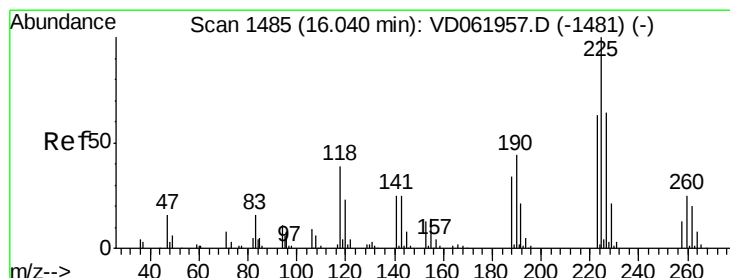
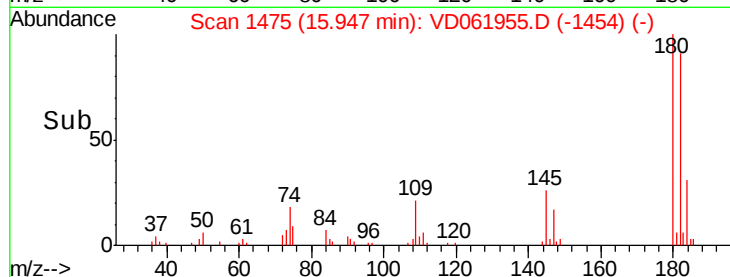
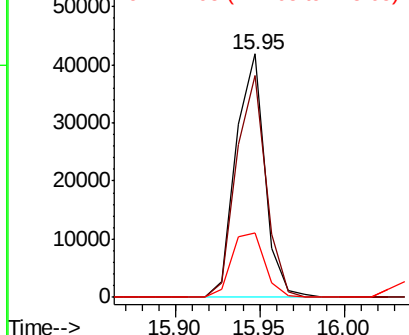
#93
 1,2,4-Trichlorobenzene
 Concen: 9.866 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Instrument :
 MSVOA_D
 ClientSampled :
 VSTDIC010

Tgt Ion:180 Resp: 49859
 Ion Ratio Lower Upper
 180 100
 182 91.3 44.3 132.9
 145 26.5 16.4 49.1

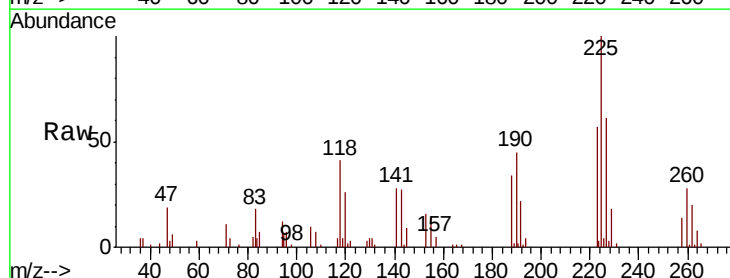


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

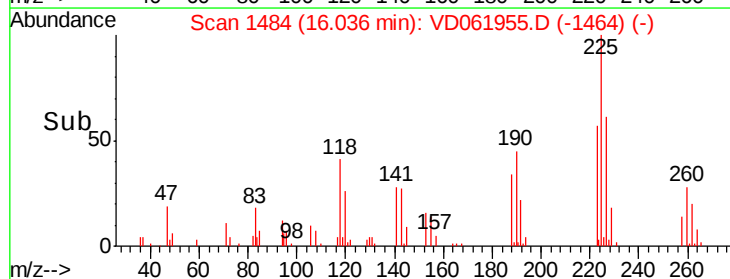
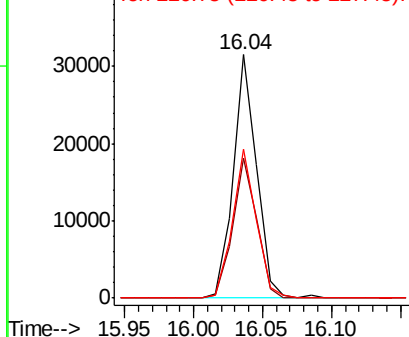


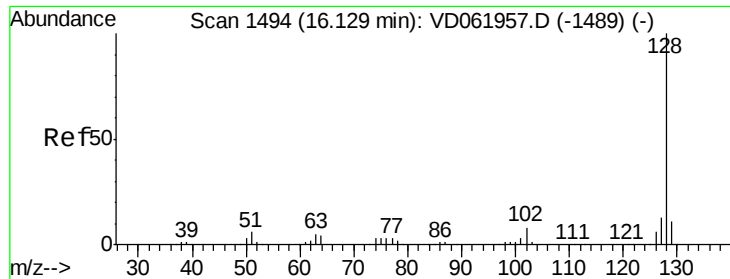
#94
 Hexachlorobutadiene
 Concen: 10.129 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD061955.D
 Acq: 23 Apr 2019 00:17

Tgt Ion:225 Resp: 36917
 Ion Ratio Lower Upper
 225 100
 223 57.3 31.6 94.8
 227 60.9 31.9 95.7



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

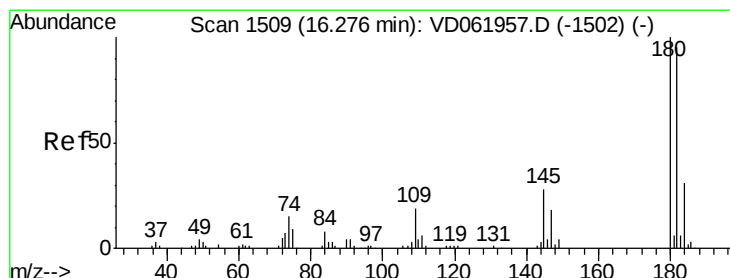
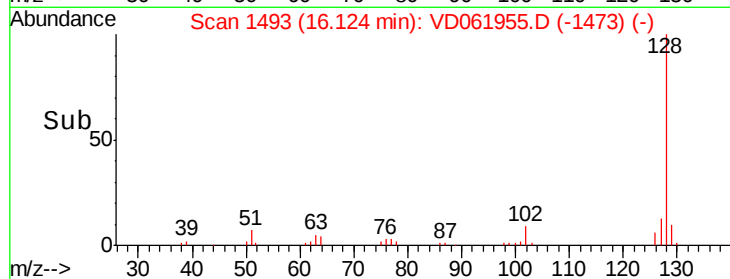
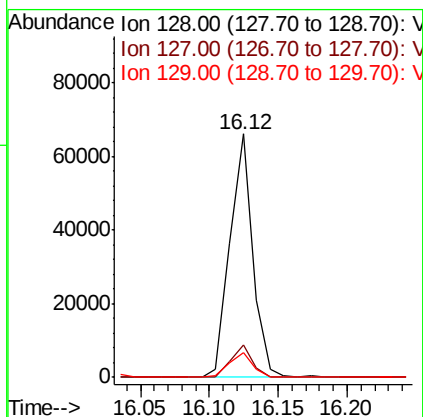
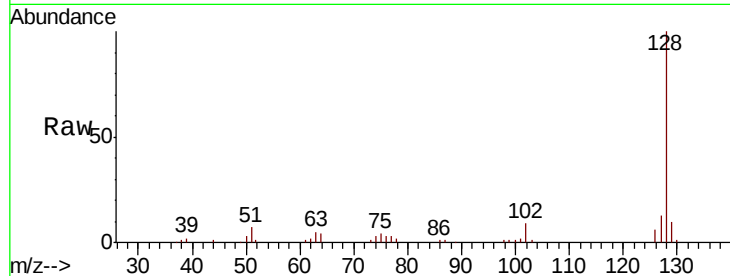




#95
Naphthalene
Concen: 9.853 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 76022
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.605 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD061955.D
Acq: 23 Apr 2019 00:17

Tgt Ion:180 Resp: 27497
Ion Ratio Lower Upper
180 100
182 108.1 47.7 143.1
145 30.3 14.0 42.0

