

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072418\
 Data File : VD059577.D
 Acq On : 24 Jul 2018 18:16
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 25 05:40:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 05:39:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	142028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	184898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	148887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	76757	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	87271	85.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.62%	
35) Dibromofluoromethane	5.51	113	82502	57.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.70%	
50) Toluene-d8	8.68	98	179899	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
62) 4-Bromofluorobenzene	11.91	95	78290	59.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.14%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.31	85	77892	69.194	ug/l 100
3) Chloromethane	1.45	50	38018	66.979	ug/l 100
4) Vinyl Chloride	1.53	62	44899	81.427	ug/l 100
5) Bromomethane	1.75	94	10776	125.150	ug/l 100
6) Chloroethane	1.83	64	23325	113.172	ug/l 100
7) Trichlorofluoromethane	2.04	101	80673	81.454	ug/l 100
8) Diethyl Ether	2.30	74	13863	81.161	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.51	101	41126	76.635	ug/l 100
10) Methyl Iodide	2.65	142	51356	73.010	ug/l 100
11) Tert butyl alcohol	3.23	59	17491	520.209	ug/l 100
12) 1,1-Dichloroethene	2.50	96	31674	74.515	ug/l 100
13) Acrolein	2.43	56	8603	250.000	ug/l 100
14) Allyl chloride	2.87	41	73315	93.840	ug/l 100
15) Acrylonitrile	3.32	53	37776	443.931	ug/l 100
16) Acetone	2.58	43	67007	533.693	ug/l 100
17) Carbon Disulfide	2.72	76	121331	80.975	ug/l 100
18) Methyl Acetate	2.89	43	25330	66.085	ug/l 100
19) Methyl tert-butyl Ether	3.36	73	93708	63.713	ug/l 100
20) Methylene Chloride	3.03	84	34946	57.842	ug/l 100
21) trans-1,2-Dichloroethene	3.34	96	32547	61.717	ug/l 100
22) Diisopropyl ether	4.02	45	179214	69.961	ug/l 100
23) Vinyl Acetate	3.96	43	572309	434.074	ug/l 100
24) 1,1-Dichloroethane	3.92	63	121086	70.834	ug/l 100
25) 2-Butanone	4.79	43	92202	372.969	ug/l 100
26) 2,2-Dichloropropane	4.75	77	119642	104.287	ug/l 100
27) cis-1,2-Dichloroethene	4.76	96	63086	59.567	ug/l 100
28) Bromochloromethane	5.10	49	48545	78.211	ug/l 100
29) Tetrahydrofuran	5.14	42	44075	360.383	ug/l 100
30) Chloroform	5.27	83	135706	69.101	ug/l 100
31) Cyclohexane	5.56	56	36767	31.155	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	139128	79.249	ug/l 100
36) 1,1-Dichloropropene	5.71	75	86079	55.819	ug/l 100
37) Ethyl Acetate	4.88	43	46915	68.932	ug/l 100
38) Carbon Tetrachloride	5.68	117	126725	66.018	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	84200	56.326	ug/l	100
40) Benzene	5.97	78	186541	52.123	ug/l	100
41) Methacrylonitrile	5.08	41	22042	64.542	ug/l	100
42) 1,2-Dichloroethane	6.09	62	115557	75.290	ug/l	100
43) Isopropyl Acetate	7.59	43	65628	69.818	ug/l	100
44) Trichloroethene	6.95	130	70098	44.654	ug/l	100
45) 1,2-Dichloropropane	7.32	63	51698	56.844	ug/l	100
46) Dibromomethane	7.43	93	44172	61.966	ug/l	100
47) Bromodichloromethane	7.71	83	108110	64.600	ug/l	100
48) Methyl methacrylate	7.48	41	44619	70.882	ug/l	100
49) 1,4-Dioxane	7.46	88	7919	1183.449	ug/l	100
51) 4-Methyl-2-Pentanone	8.57	43	208680	330.815	ug/l	100
52) Toluene	8.78	92	122835	53.404	ug/l	100
53) t-1,3-Dichloropropene	9.16	75	92167	68.955	ug/l	100
54) cis-1,3-Dichloropropene	8.33	75	92851	63.188	ug/l	100
55) 1,1,2-Trichloroethane	9.42	97	46465	55.953	ug/l	100
56) Ethyl methacrylate	9.29	69	54049	59.888	ug/l	100
57) 1,3-Dichloropropane	9.64	76	73206	56.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.16	63	131854	322.237	ug/l	100
59) 2-Hexanone	9.76	43	160593	354.665	ug/l	100
60) Dibromochloromethane	9.94	129	77569	52.055	ug/l	100
61) 1,2-Dibromoethane	10.07	107	54647	55.923	ug/l	100
64) Tetrachloroethene	9.48	164	66304	33.204	ug/l	100
65) Chlorobenzene	10.70	112	150015	51.159	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.83	131	64259	51.439	ug/l	100
67) Ethyl Benzene	10.84	91	253982	57.894	ug/l	100
68) m/p-Xylenes	11.00	106	165299	103.258	ug/l	100
69) o-Xylene	11.39	106	81268	52.178	ug/l	100
70) Styrene	11.41	104	132557	51.503	ug/l	100
71) Bromoform	11.58	173	54796	47.550	ug/l	100
73) Isopropylbenzene	11.76	105	236763	57.563	ug/l	100
74) N-amyl acetate	11.63	43	84477	76.806	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.06	83	52475	63.315	ug/l	100
76) 1,2,3-Trichloropropane	12.10	75	60985	71.389	ug/l	100
77) Bromobenzene	12.02	156	75709	47.119	ug/l	100
78) n-propylbenzene	12.14	91	303315	63.720	ug/l	100
79) 2-Chlorotoluene	12.20	91	183250	64.684	ug/l	100
80) 1,3,5-Trimethylbenzene	12.31	105	197587	62.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.82	75	15463	82.793	ug/l	100
82) 4-Chlorotoluene	12.32	91	206048	65.400	ug/l	100
83) tert-Butylbenzene	12.56	119	223521	64.139	ug/l	100
84) 1,2,4-Trimethylbenzene	12.61	105	213058	64.486	ug/l	100
85) sec-Butylbenzene	12.75	105	253133	64.345	ug/l	100
86) p-Isopropyltoluene	12.88	119	213008	59.172	ug/l	100
87) 1,3-Dichlorobenzene	12.83	146	126600	48.665	ug/l	100
88) 1,4-Dichlorobenzene	12.92	146	124598	48.875	ug/l	100
89) n-Butylbenzene	13.18	91	207556	68.999	ug/l	100
90) Hexachloroethane	13.39	117	59326	61.540	ug/l	100
91) 1,2-Dichlorobenzene	13.18	146	102211	47.507	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.76	75	10875	78.238	ug/l	100

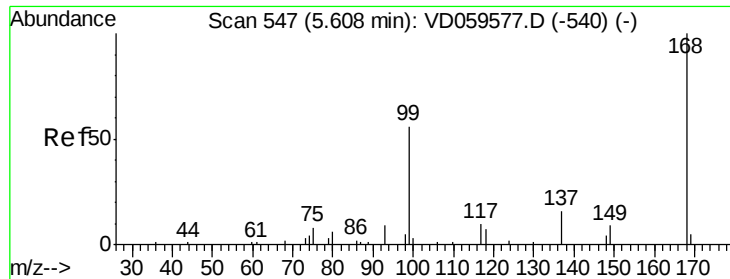
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072418\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.32	180	87434	46.773	ug/l	100
94) Hexachlorobutadiene	14.42	225	70300	51.205	ug/l	100
95) Naphthalene	14.50	128	120462	53.190	ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	77204	46.405	ug/l	100

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

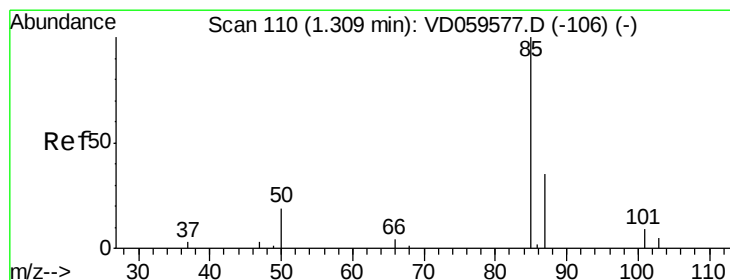
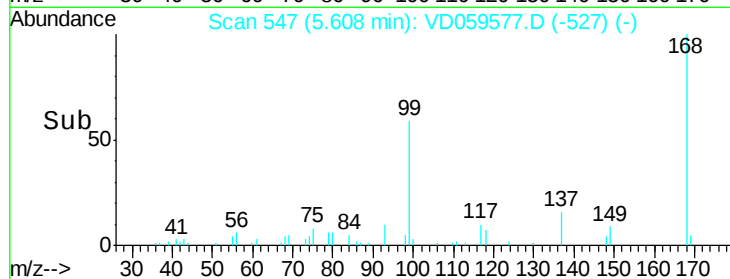
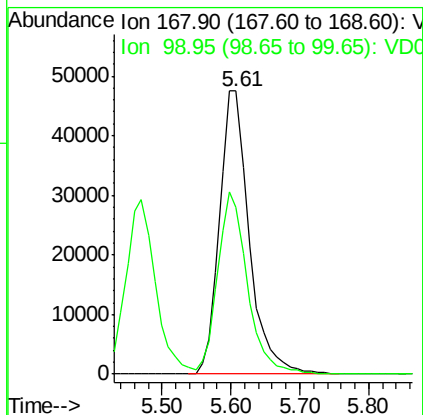
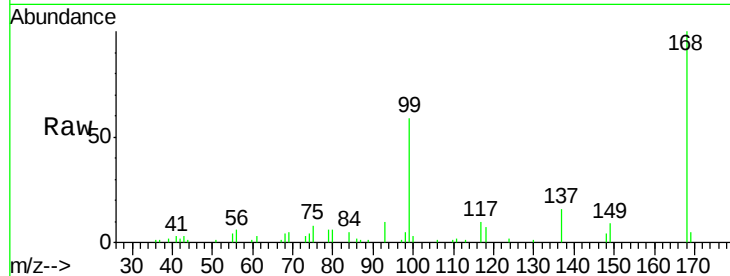


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

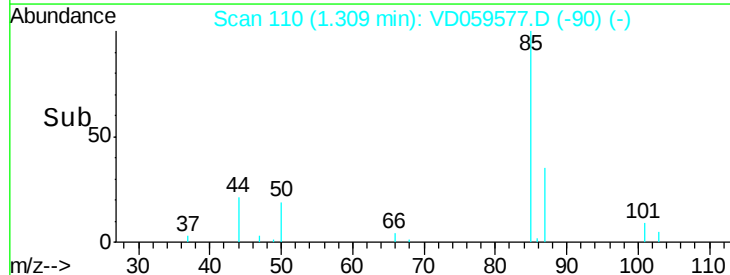
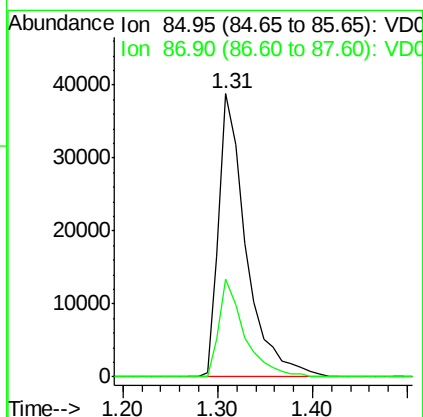
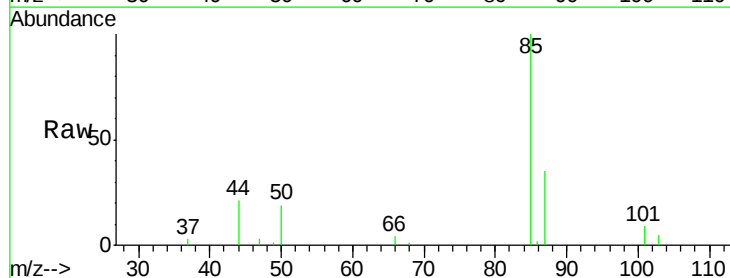
Tgt Ion: 168 Resp: 142028
 Ion Ratio Lower Upper
 168 100
 99 59.1 47.3 70.9

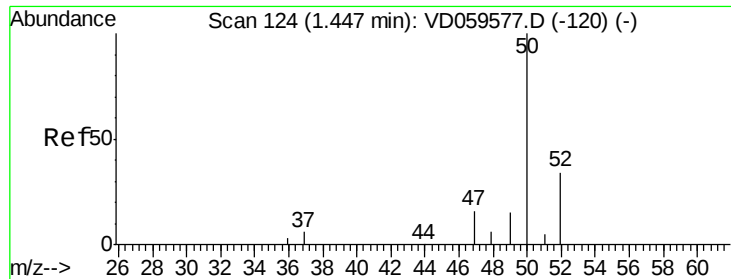


#2

Dichlorodifluoromethane
 Concen: 69.194 ug/l
 RT: 1.31 min Scan# 110
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Tgt Ion: 85 Resp: 77892
 Ion Ratio Lower Upper
 85 100
 87 34.5 17.3 51.7





#3

Chloromethane

Concen: 66.979 ug/l

RT: 1.45 min Scan# 124

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

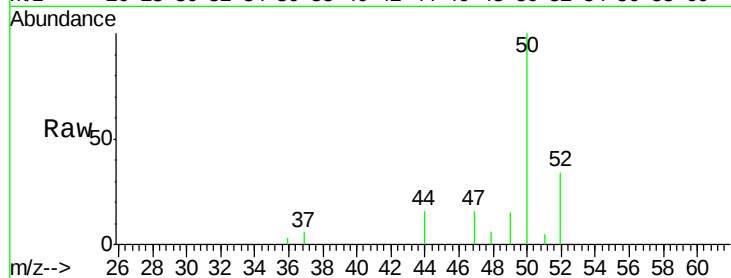
VSTDICCC050

Tgt Ion: 50 Resp: 38018

Ion Ratio Lower Upper

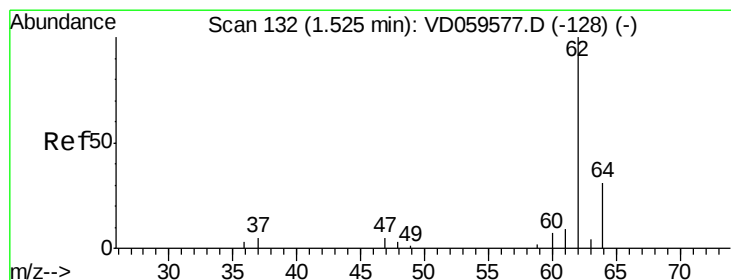
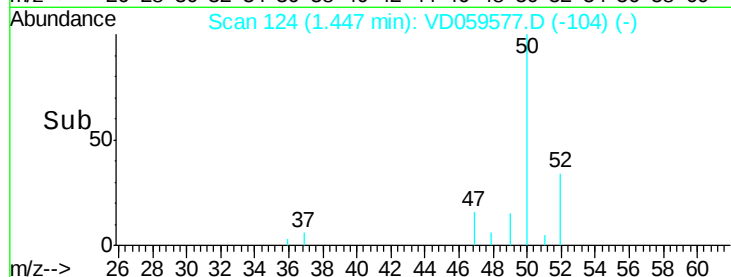
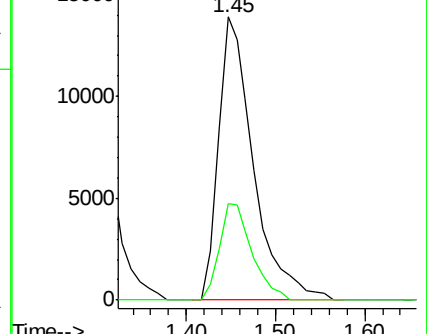
50 100

52 34.1 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 81.427 ug/l

RT: 1.53 min Scan# 132

Delta R.T. 0.00 min

Lab File: VD059577.D

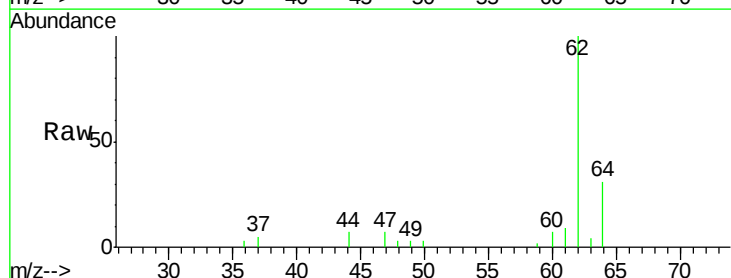
Acq: 24 Jul 2018 18:16

Tgt Ion: 62 Resp: 44899

Ion Ratio Lower Upper

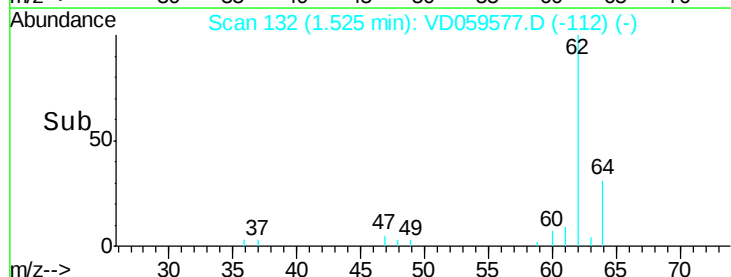
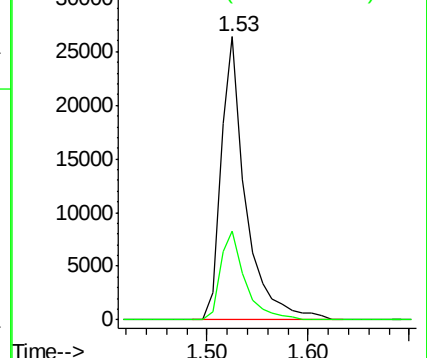
62 100

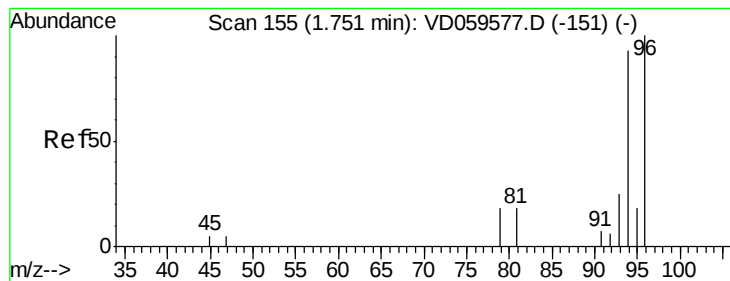
64 31.2 25.0 37.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 125.150 ug/l

RT: 1.75 min Scan# 155

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

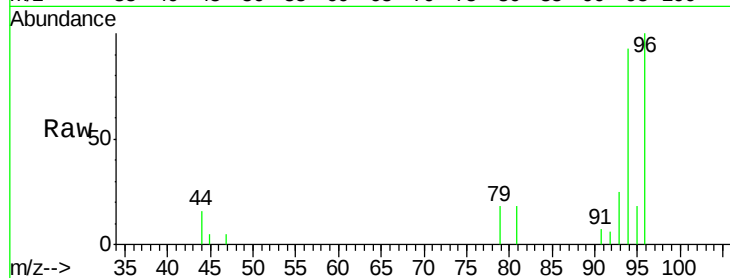
VSTDICCC050

Tgt Ion: 94 Resp: 10776

Ion Ratio Lower Upper

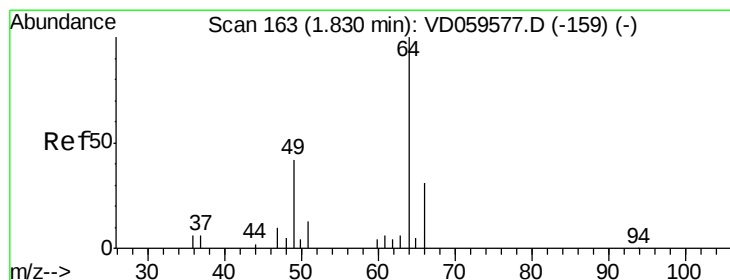
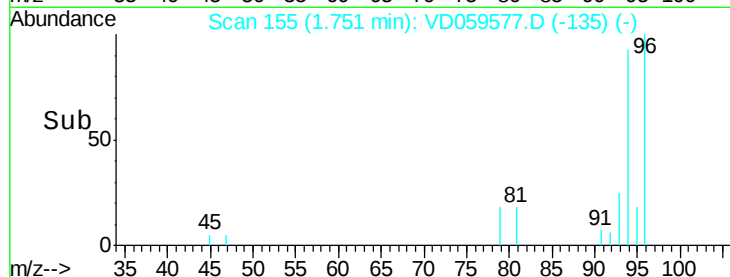
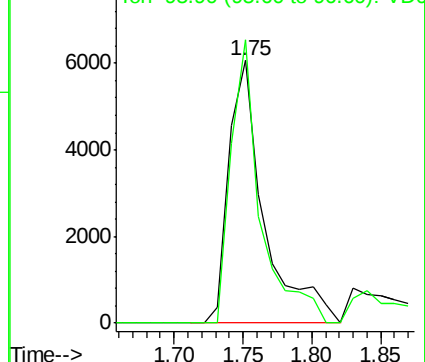
94 100

96 107.7 86.2 129.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 113.172 ug/l

RT: 1.83 min Scan# 163

Delta R.T. 0.00 min

Lab File: VD059577.D

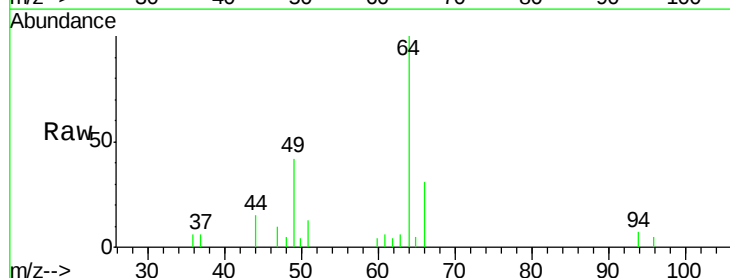
Acq: 24 Jul 2018 18:16

Tgt Ion: 64 Resp: 23325

Ion Ratio Lower Upper

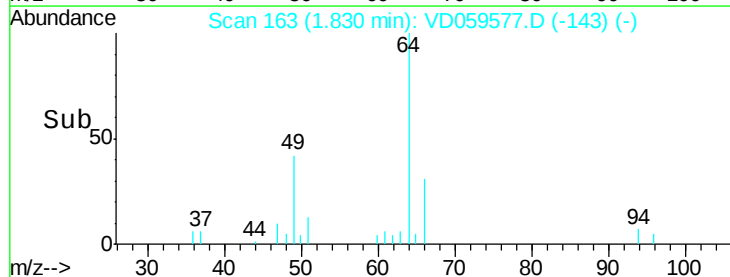
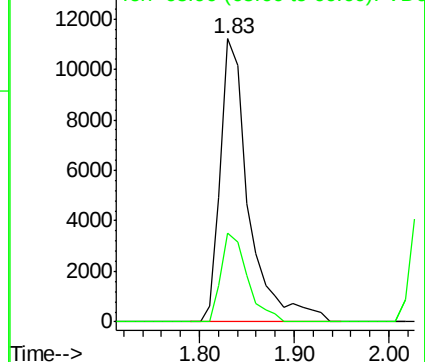
64 100

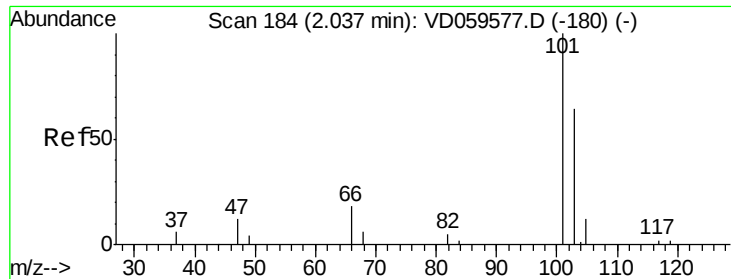
66 31.5 25.2 37.8



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



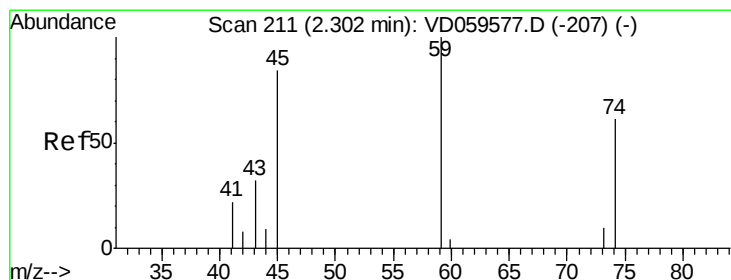
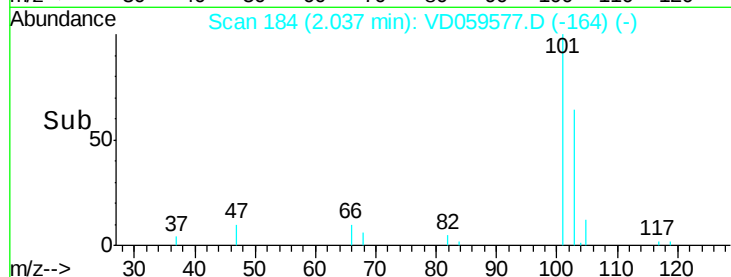
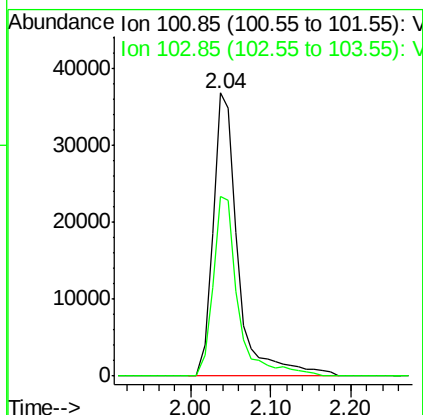
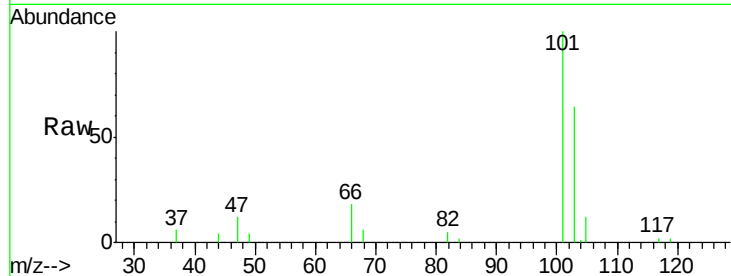


#7

Trichlorofluoromethane
Concen: 81.454 ug/l
RT: 2.04 min Scan# 184
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

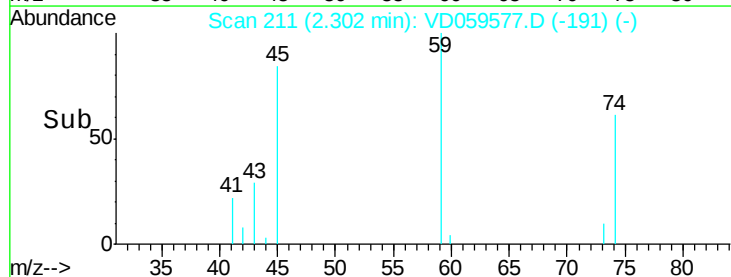
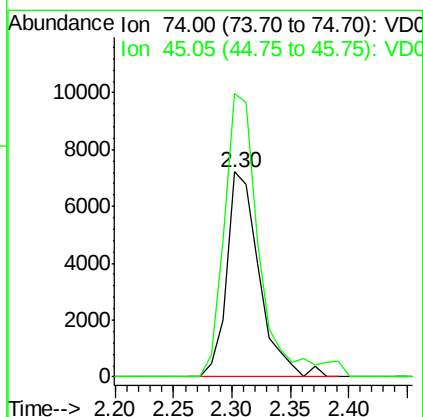
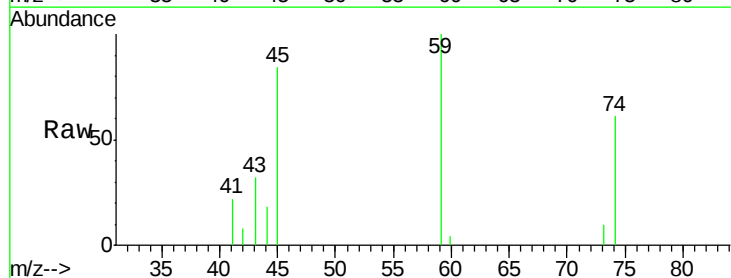
Tgt Ion:101 Resp: 80673
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

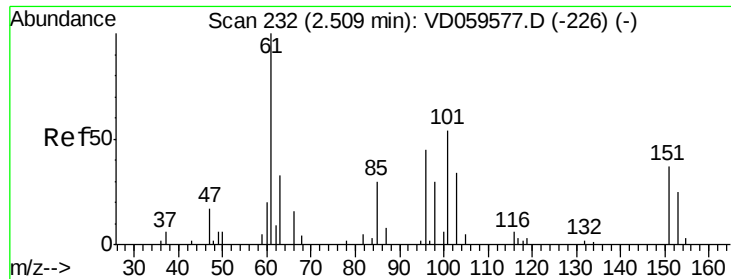


#8

Diethyl Ether
Concen: 81.161 ug/l
RT: 2.30 min Scan# 211
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion: 74 Resp: 13863
Ion Ratio Lower Upper
74 100
45 138.0 69.0 207.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 76.635 ug/l

RT: 2.51 min Scan# 232

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

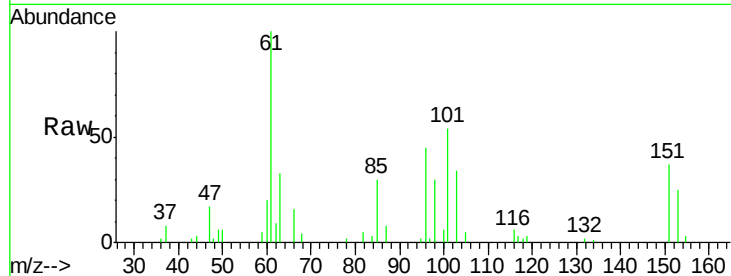
Tgt Ion:101 Resp: 41126

Ion Ratio Lower Upper

101 100

85 55.6 44.5 66.7

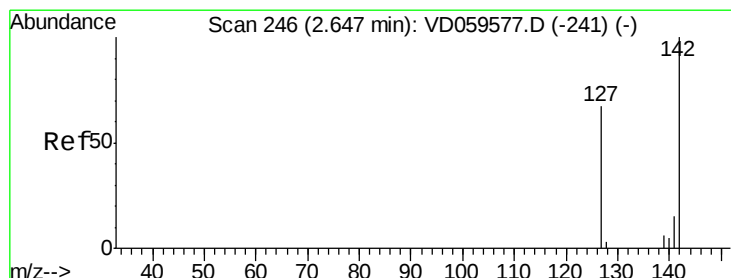
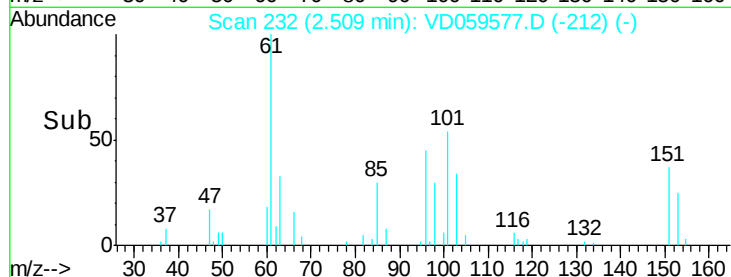
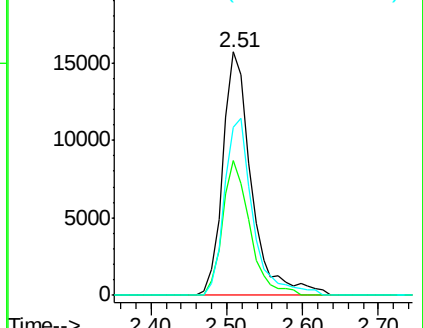
151 69.2 55.4 83.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 73.010 ug/l

RT: 2.65 min Scan# 246

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

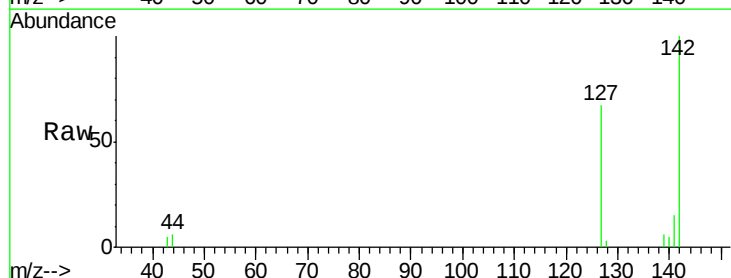
Tgt Ion:142 Resp: 51356

Ion Ratio Lower Upper

142 100

127 67.0 53.6 80.4

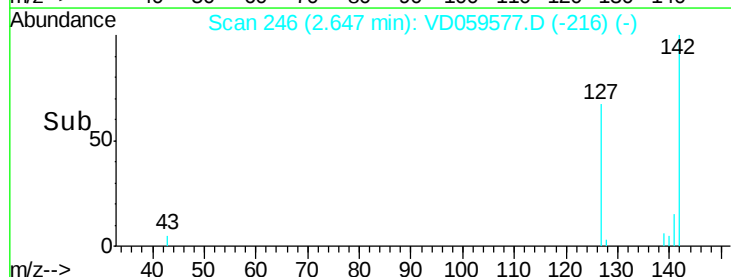
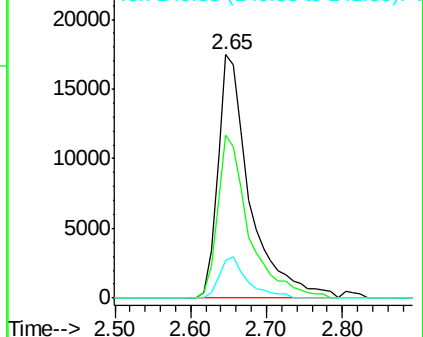
141 15.2 12.2 18.2

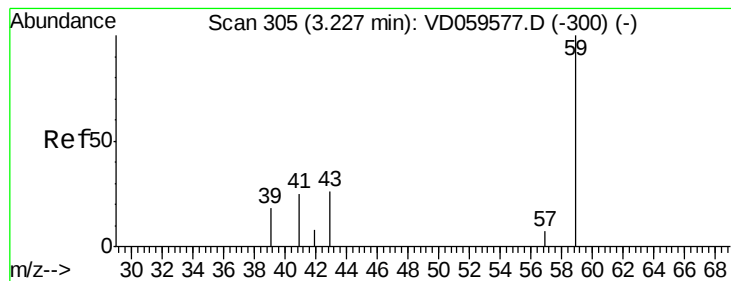


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



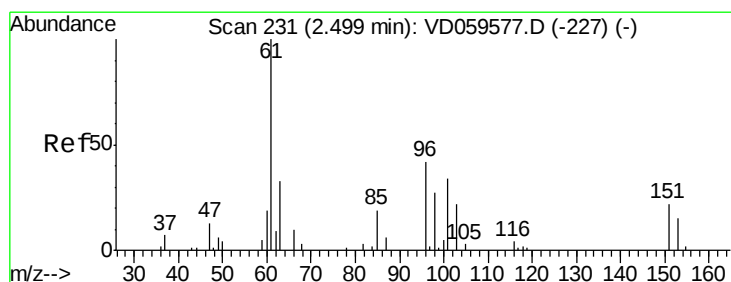
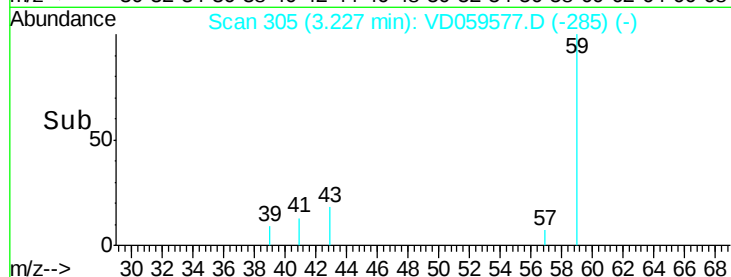
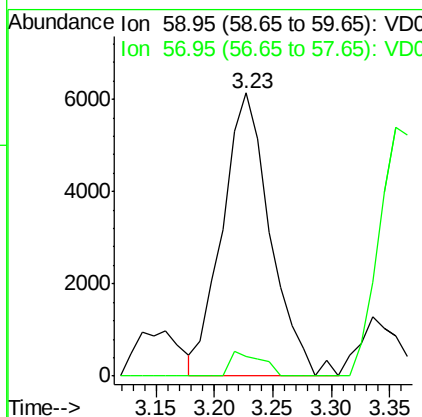
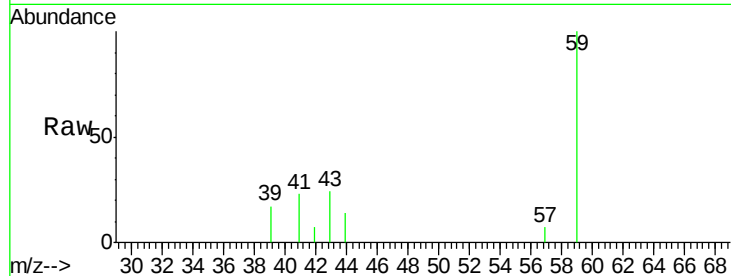


#11

Tert butyl alcohol
 Concen: 520.209 ug/l
 RT: 3.23 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

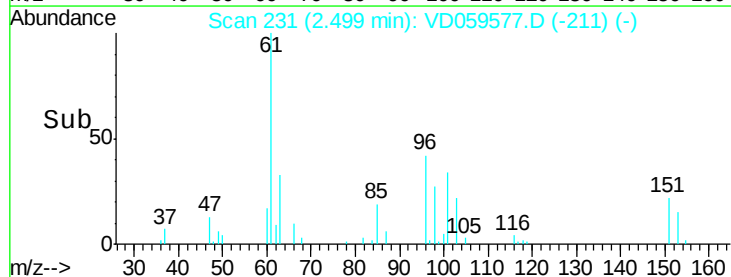
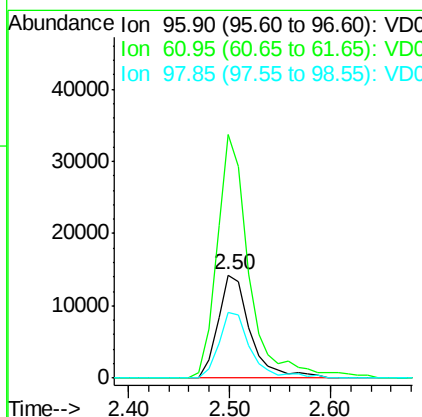
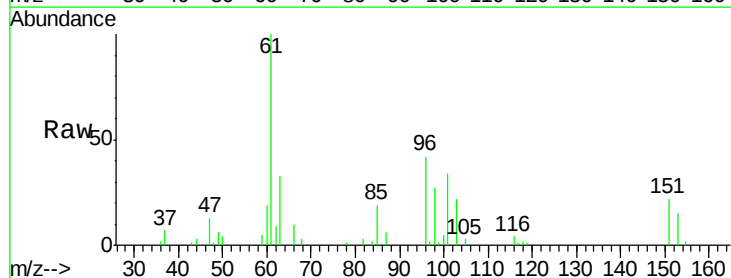
Tgt Ion: 59 Resp: 17491
 Ion Ratio Lower Upper
 59 100
 57 6.9 5.5 8.3

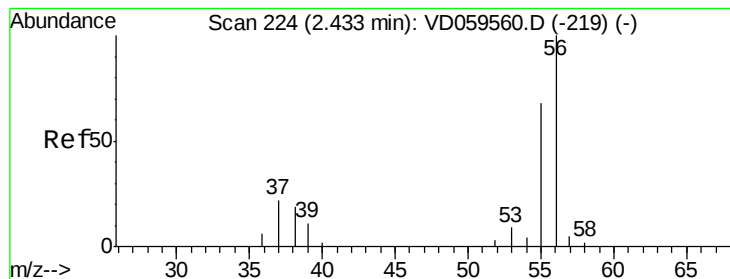


#12

1,1-Dichloroethene
 Concen: 74.515 ug/l
 RT: 2.50 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Tgt Ion: 96 Resp: 31674
 Ion Ratio Lower Upper
 96 100
 61 236.0 188.8 283.2
 98 64.3 51.4 77.2





#13

Acrolein

Concen: 250.000 ug/l

RT: 2.43 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

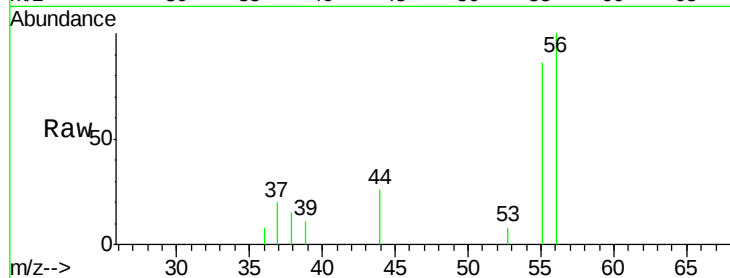
VSTDICCC050

Tgt Ion: 56 Resp: 8603

Ion Ratio Lower Upper

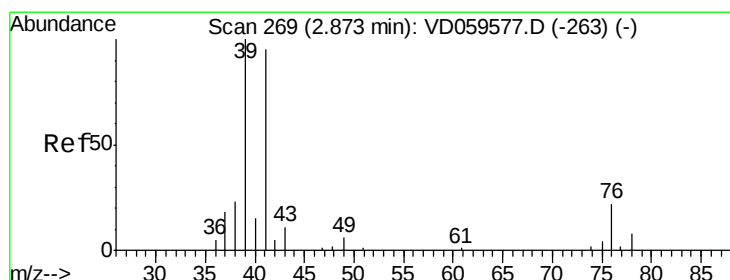
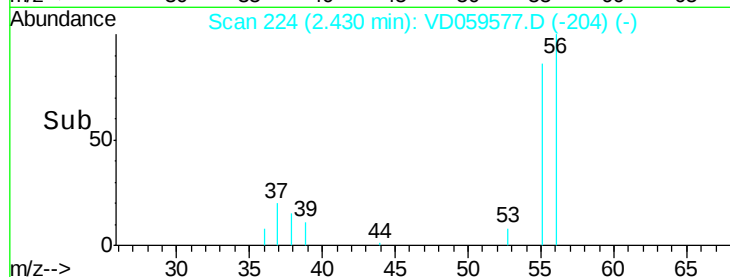
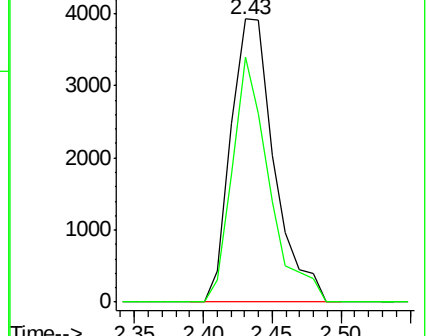
56 100

55 86.4 69.1 103.7



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 93.840 ug/l

RT: 2.87 min Scan# 269

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

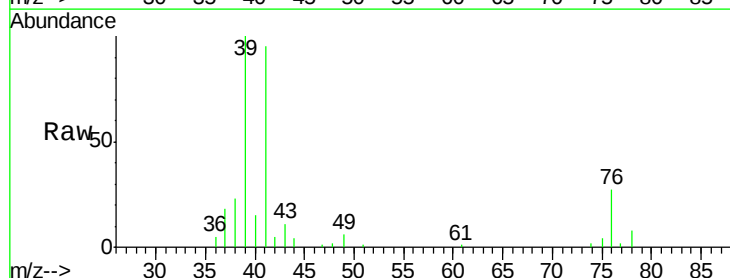
Tgt Ion: 41 Resp: 73315

Ion Ratio Lower Upper

41 100

39 104.8 83.8 125.8

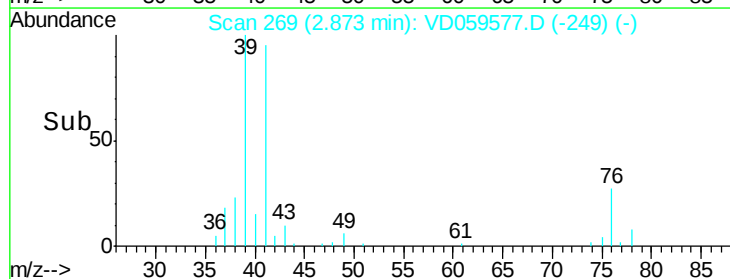
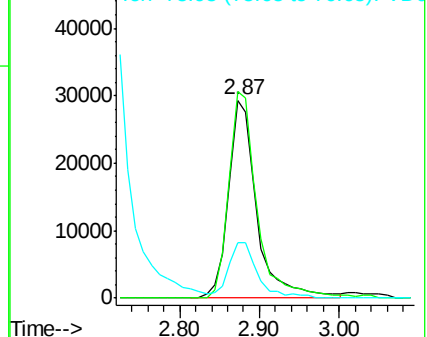
76 27.8 22.2 33.4

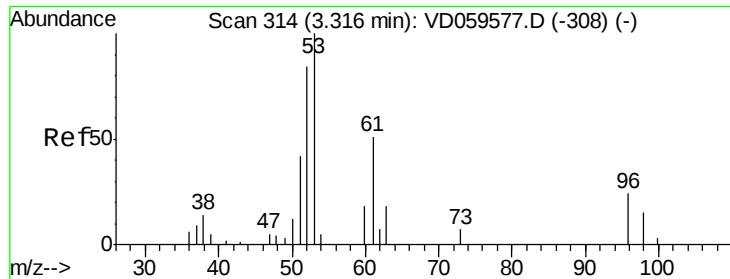


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 443.931 ug/l

RT: 3.32 min Scan# 314

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

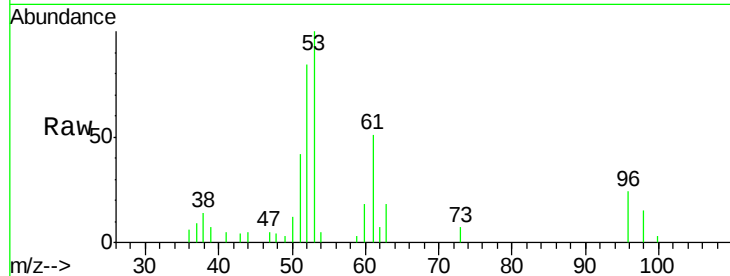
Tgt Ion: 53 Resp: 37776

Ion Ratio Lower Upper

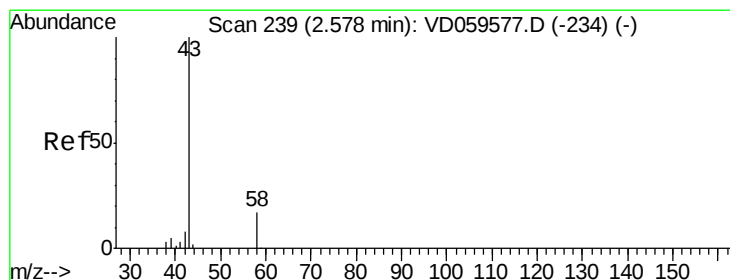
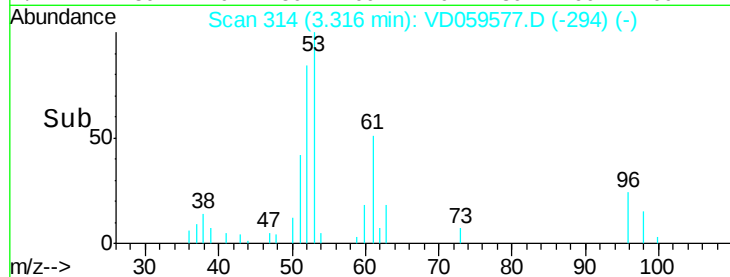
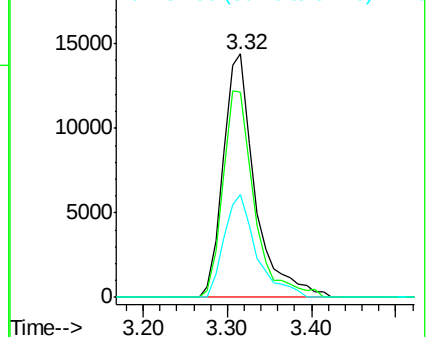
53 100

52 84.5 67.6 101.4

51 42.1 33.7 50.5



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



#16

Acetone

Concen: 533.693 ug/l

RT: 2.58 min Scan# 239

Delta R.T. 0.00 min

Lab File: VD059577.D

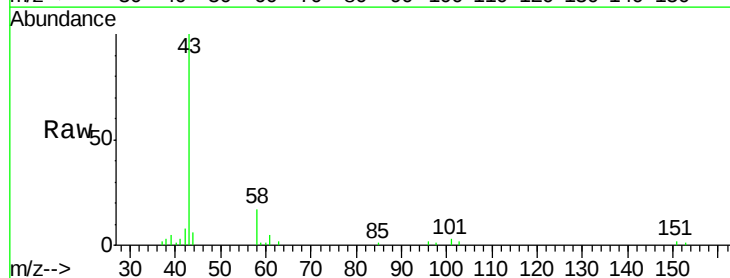
Acq: 24 Jul 2018 18:16

Tgt Ion: 43 Resp: 67007

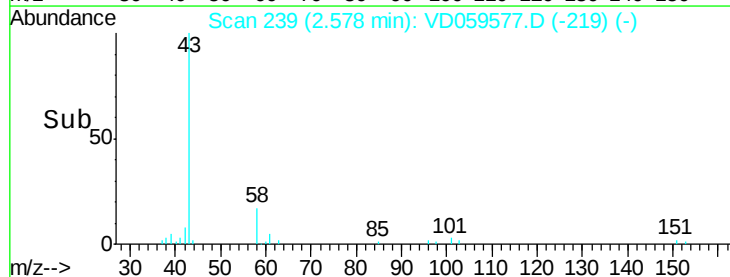
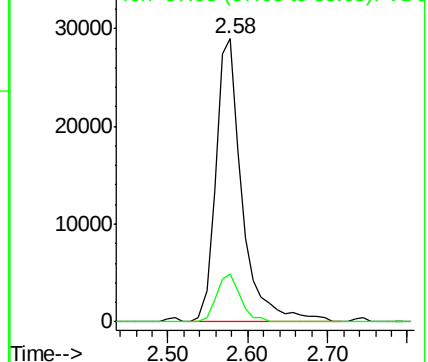
Ion Ratio Lower Upper

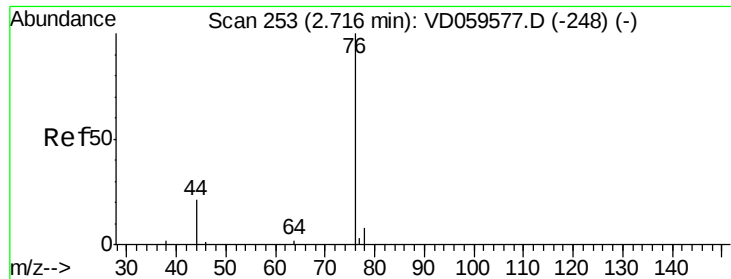
43 100

58 16.7 13.4 20.0



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

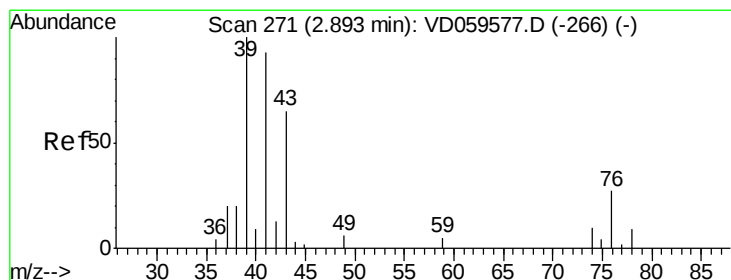
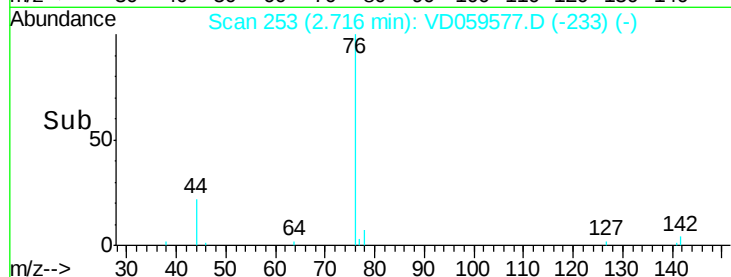
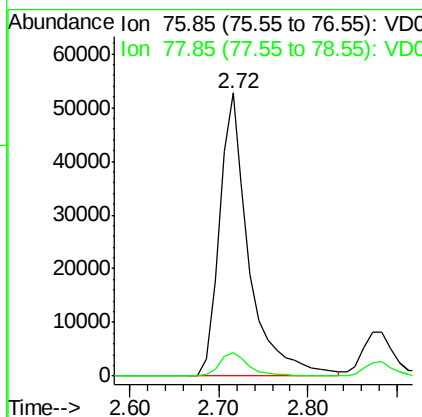
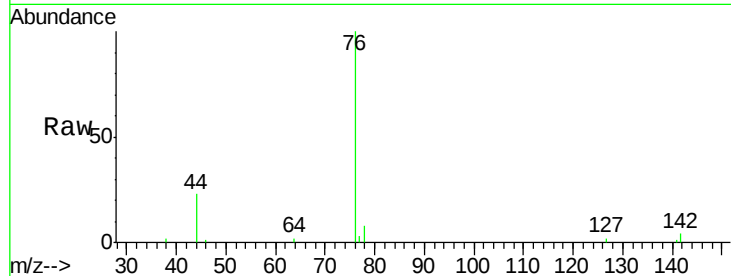




#17
Carbon Disulfide
Concen: 80.975 ug/l
RT: 2.72 min Scan# 253
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

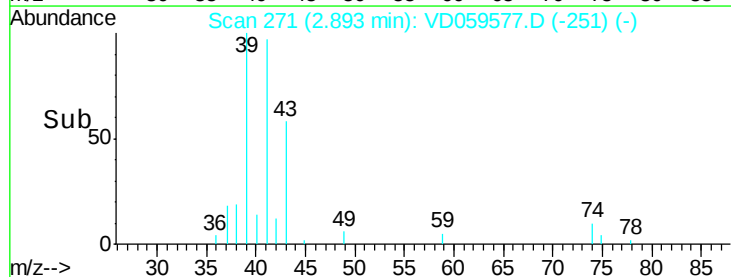
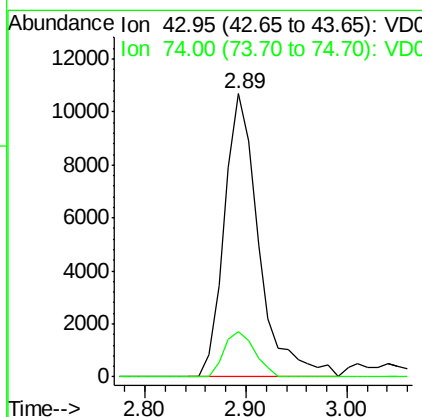
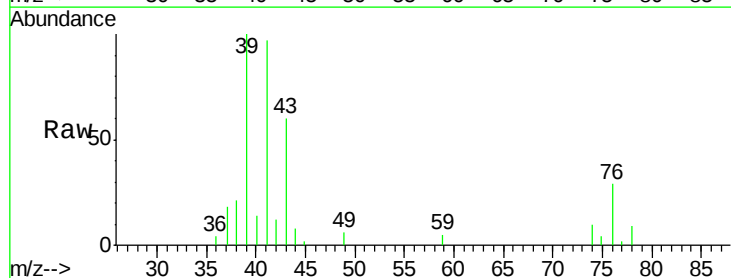
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

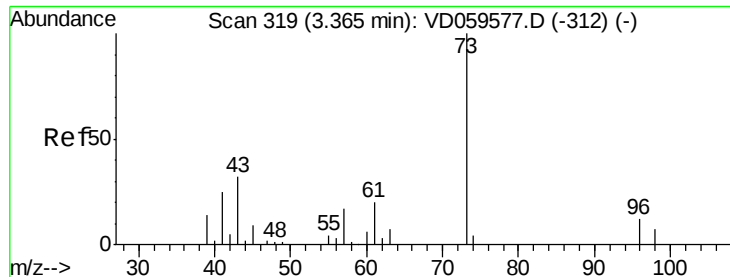
Tgt Ion: 76 Resp: 121331
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 66.085 ug/l
RT: 2.89 min Scan# 271
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion: 43 Resp: 25330
Ion Ratio Lower Upper
43 100
74 16.2 13.0 19.4

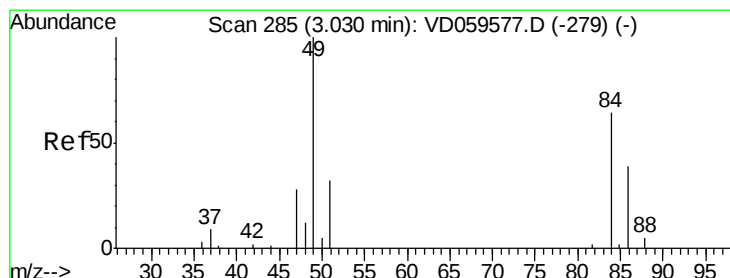
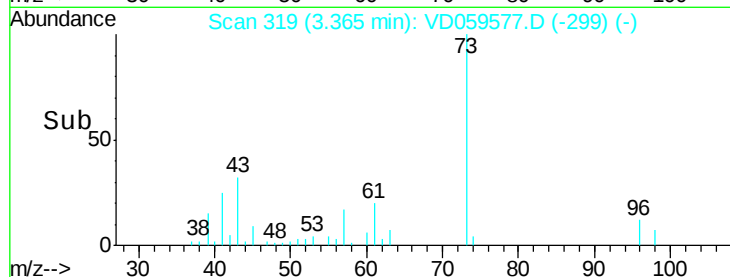
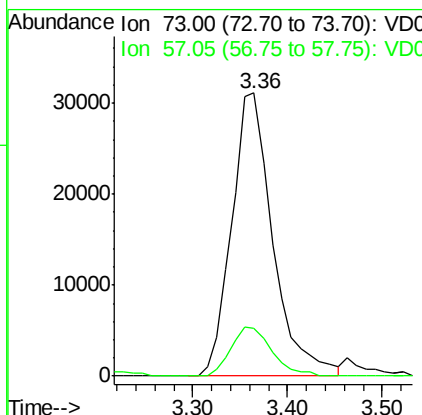
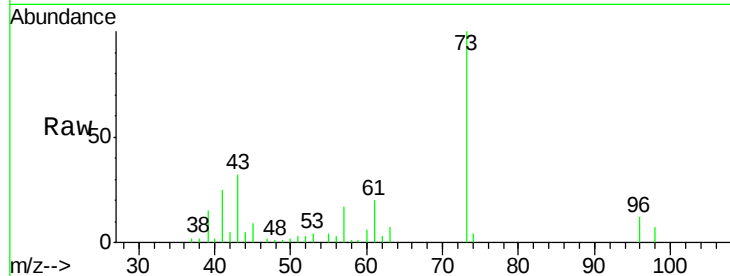




#19
Methyl tert-butyl Ether
Concen: 63.713 ug/l
RT: 3.36 min Scan# 319
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

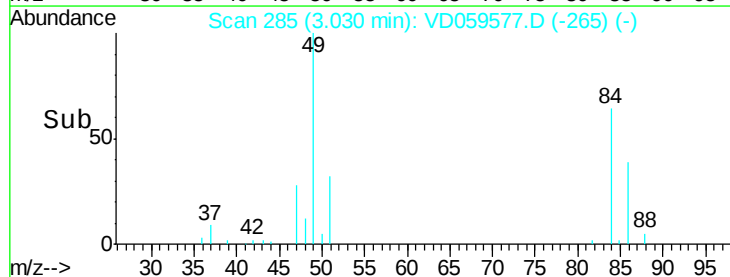
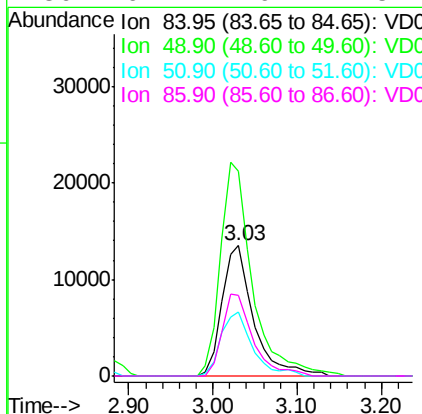
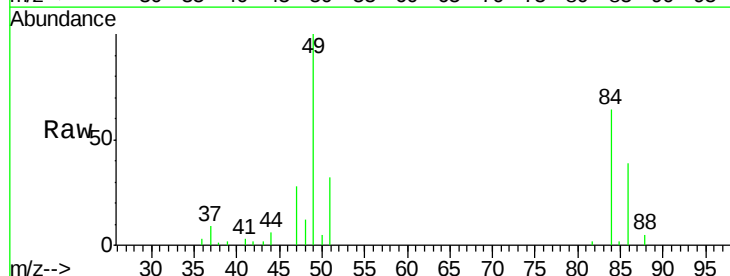
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

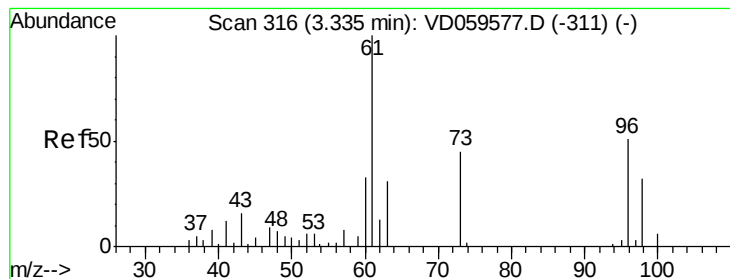
Tgt Ion: 73 Resp: 93708
Ion Ratio Lower Upper
73 100
57 16.8 13.4 20.2



#20
Methylene Chloride
Concen: 57.842 ug/l
RT: 3.03 min Scan# 285
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion: 84 Resp: 34946
Ion Ratio Lower Upper
84 100
49 156.8 125.4 188.2
51 49.6 39.7 59.5
86 61.4 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 61.717 ug/l

RT: 3.34 min Scan# 316

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

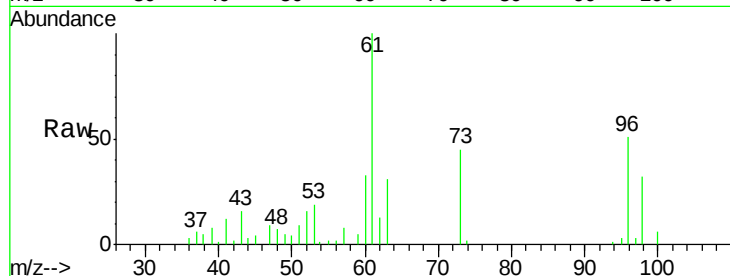
Tgt Ion: 96 Resp: 32547

Ion Ratio Lower Upper

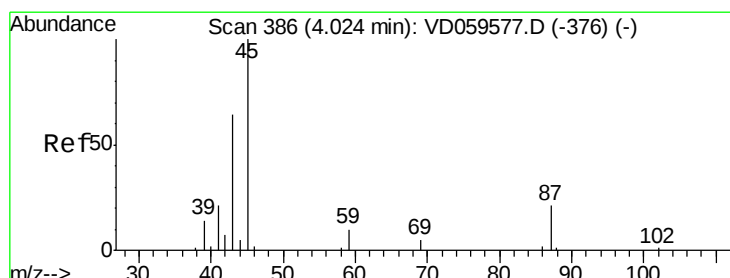
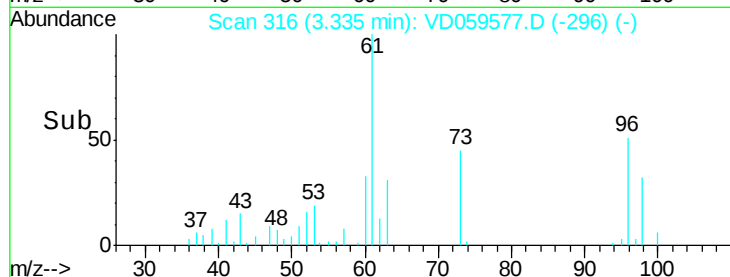
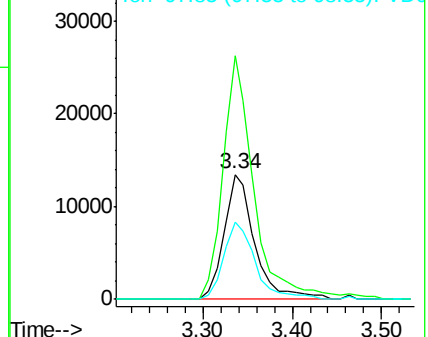
96 100

61 194.7 155.8 233.6

98 61.4 49.1 73.7



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: 69.961 ug/l

RT: 4.02 min Scan# 386

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Tgt Ion: 45 Resp: 179214

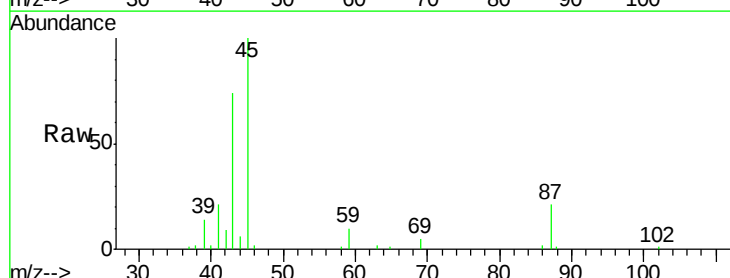
Ion Ratio Lower Upper

45 100

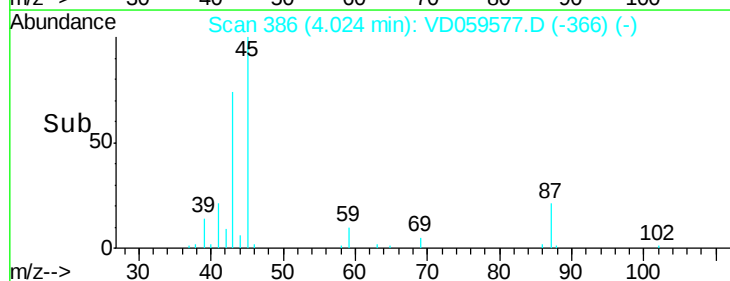
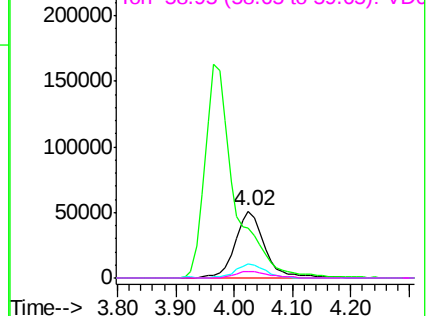
43 74.3 59.4 89.2

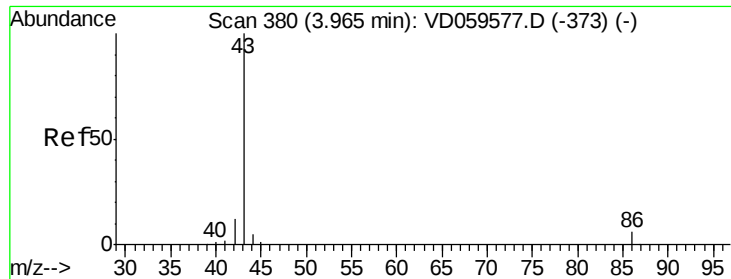
87 20.9 16.7 25.1

59 10.3 8.2 12.4



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: 434.074 ug/l

RT: 3.96 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

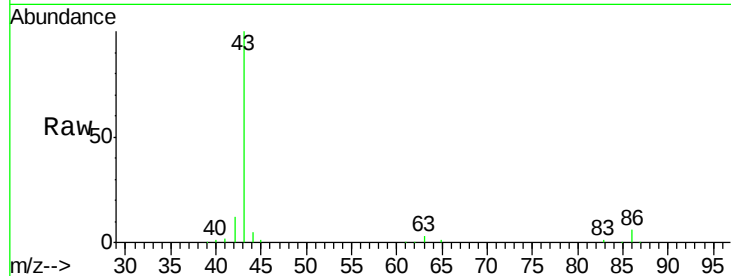
VSTDICCC050

Tgt Ion: 43 Resp: 572309

Ion Ratio Lower Upper

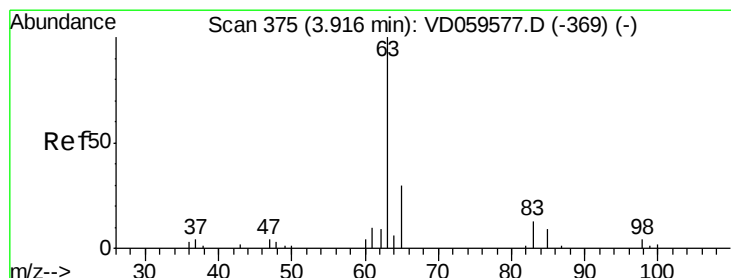
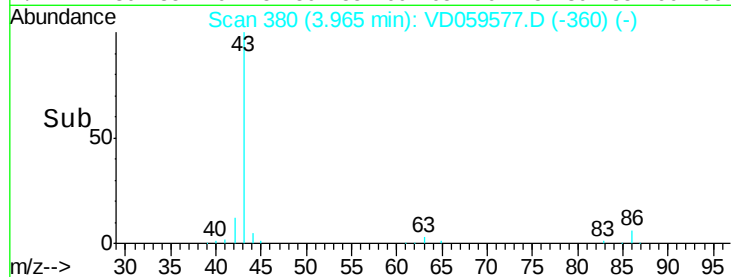
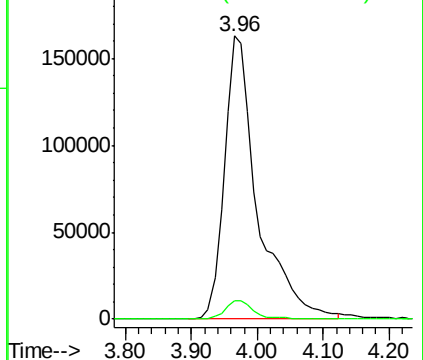
43 100

86 6.4 5.1 7.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 70.834 ug/l

RT: 3.92 min Scan# 375

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

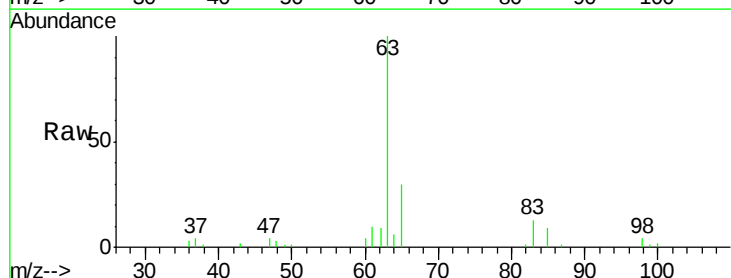
Tgt Ion: 63 Resp: 121086

Ion Ratio Lower Upper

63 100

98 3.7 1.8 5.5

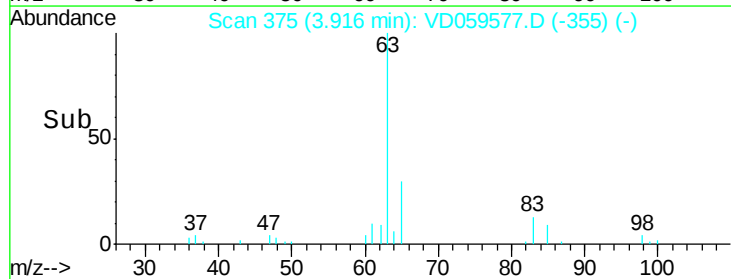
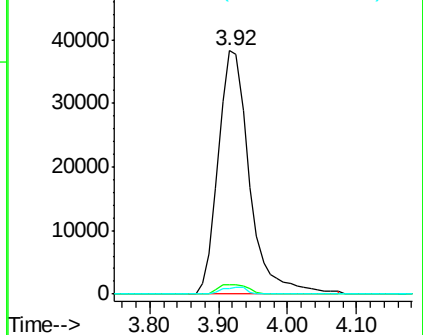
100 2.2 1.1 3.3

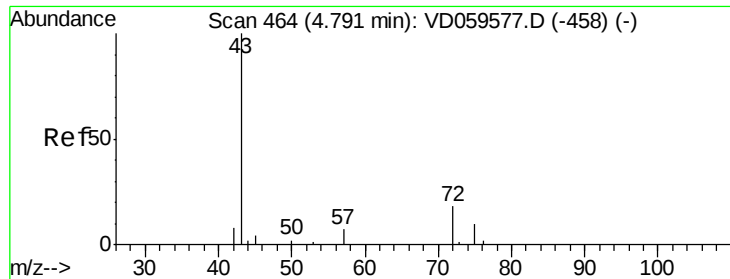


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 372.969 ug/l

RT: 4.79 min Scan# 464

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

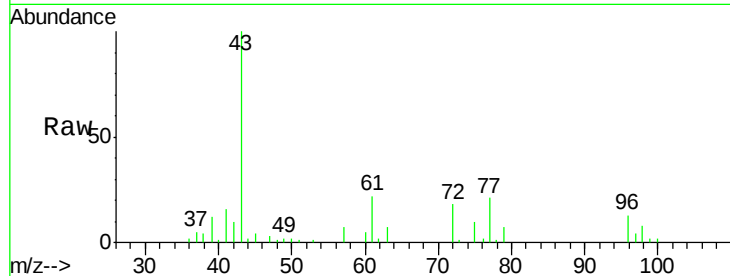
VSTDICCC050

Tgt Ion: 43 Resp: 92202

Ion Ratio Lower Upper

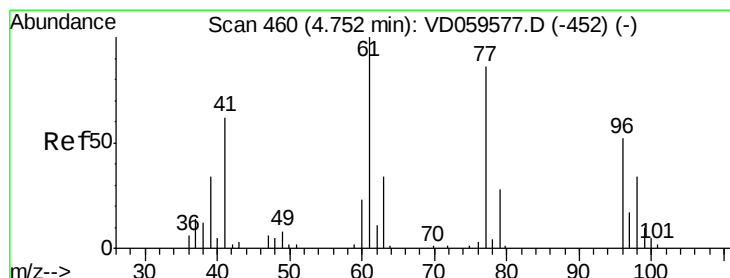
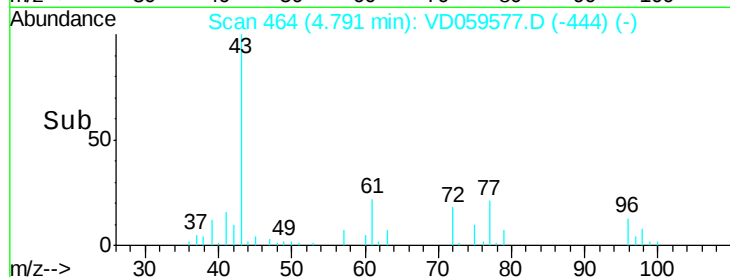
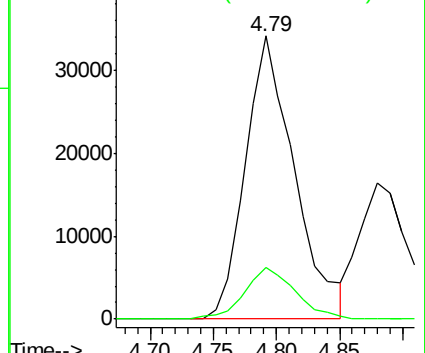
43 100

72 18.4 14.7 22.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 104.287 ug/l

RT: 4.75 min Scan# 460

Delta R.T. 0.00 min

Lab File: VD059577.D

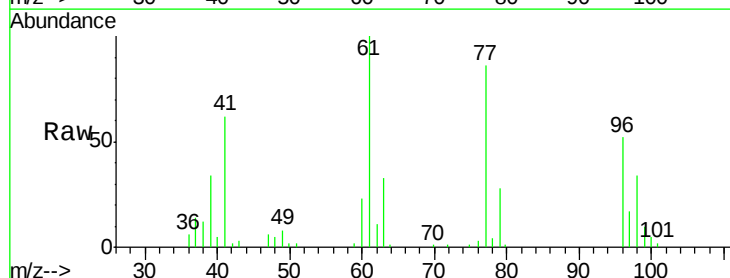
Acq: 24 Jul 2018 18:16

Tgt Ion: 77 Resp: 119642

Ion Ratio Lower Upper

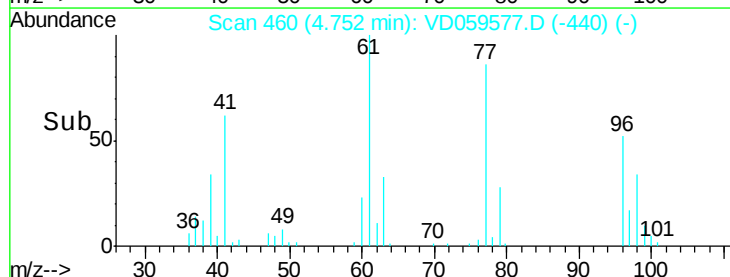
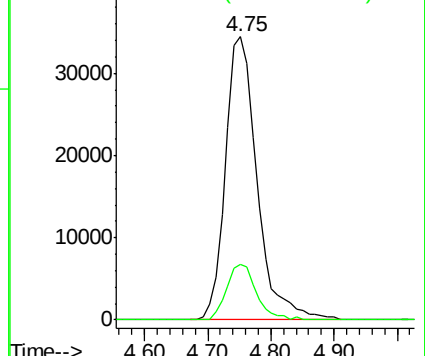
77 100

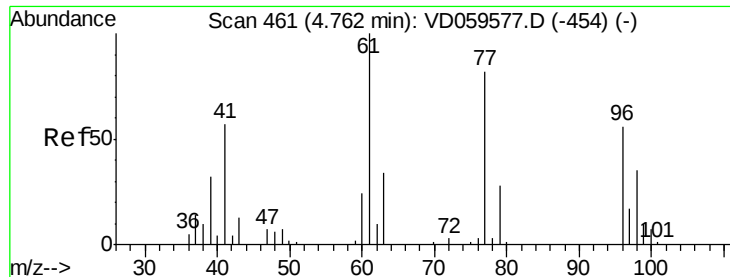
97 19.4 9.7 29.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



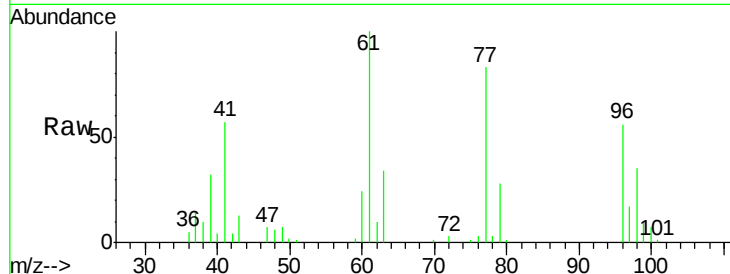


#27

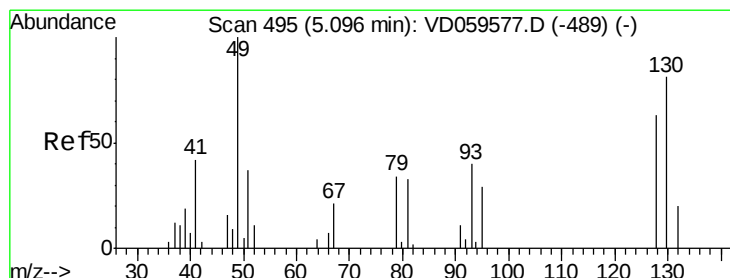
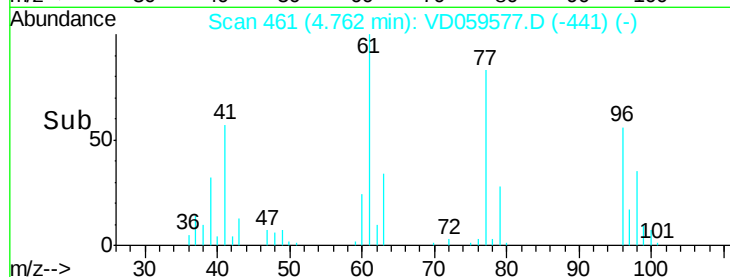
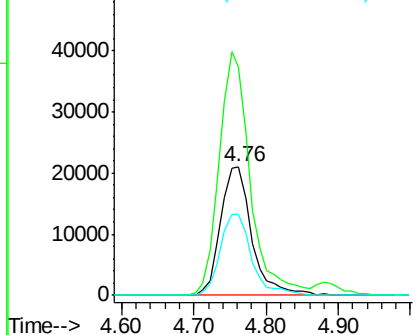
cis-1,2-Dichloroethene
 Concen: 59.567 ug/l
 RT: 4.76 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICCC050

Tgt Ion: 96 Resp: 63086
 Ion Ratio Lower Upper
 96 100
 61 177.5 0.0 355.0
 98 62.9 0.0 125.8



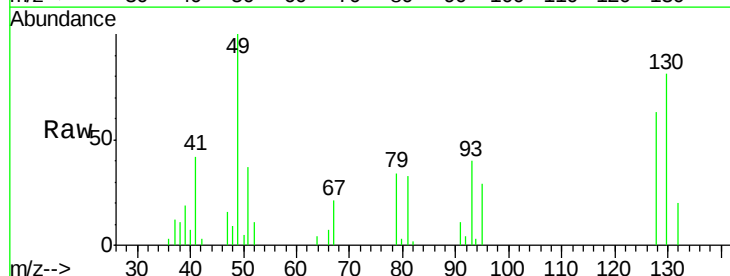
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



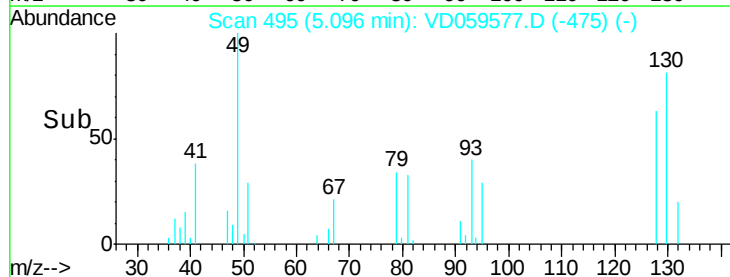
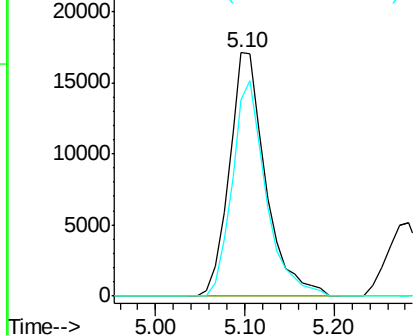
#28

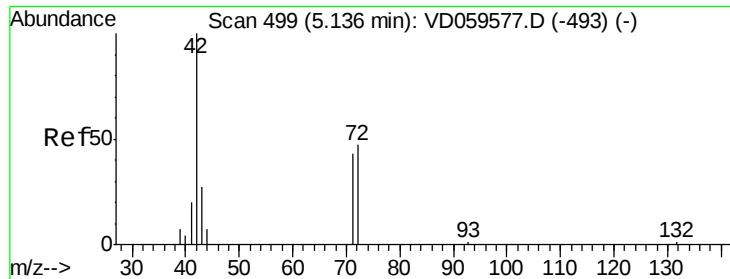
Bromochloromethane
 Concen: 78.211 ug/l
 RT: 5.10 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Tgt Ion: 49 Resp: 48545
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 0.0
 130 80.7 64.6 96.8



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: 360.383 ug/l

RT: 5.14 min Scan# 499

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

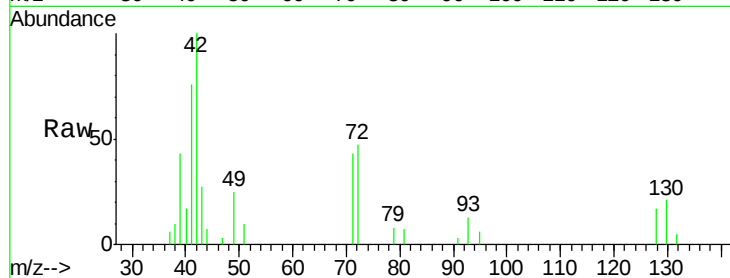
Tgt Ion: 42 Resp: 44075

Ion Ratio Lower Upper

42 100

72 43.7 35.0 52.4

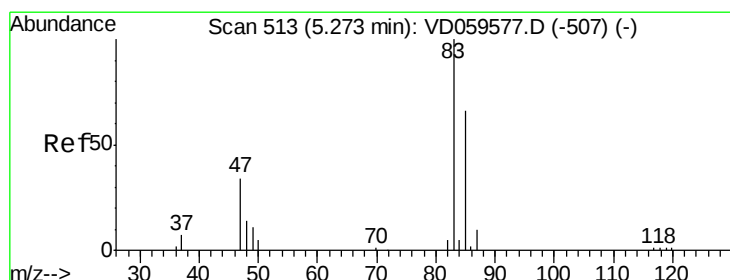
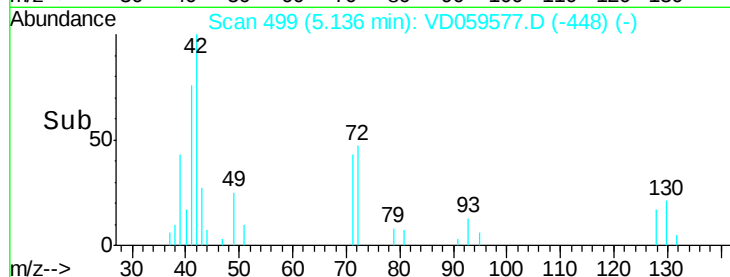
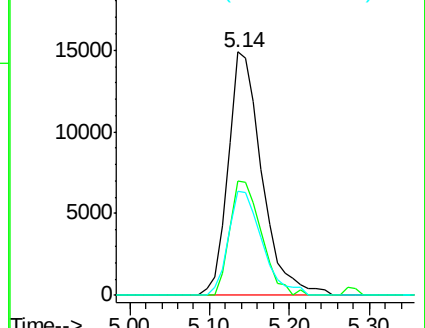
71 42.7 34.2 51.2



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 69.101 ug/l

RT: 5.27 min Scan# 513

Delta R.T. 0.00 min

Lab File: VD059577.D

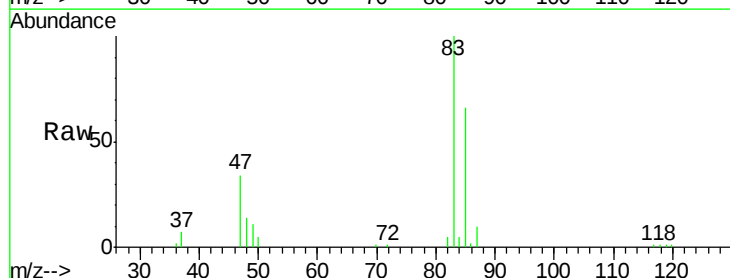
Acq: 24 Jul 2018 18:16

Tgt Ion: 83 Resp: 135706

Ion Ratio Lower Upper

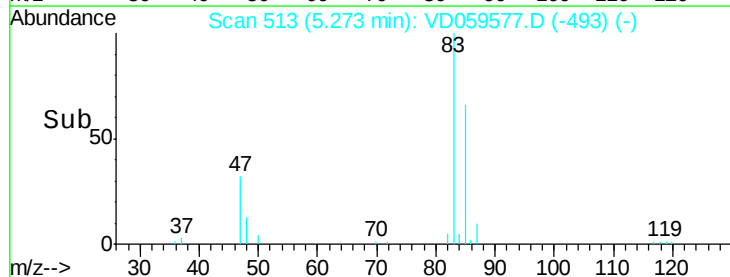
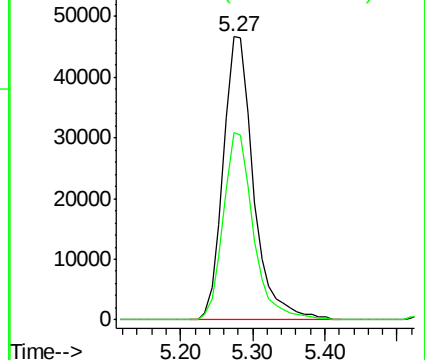
83 100

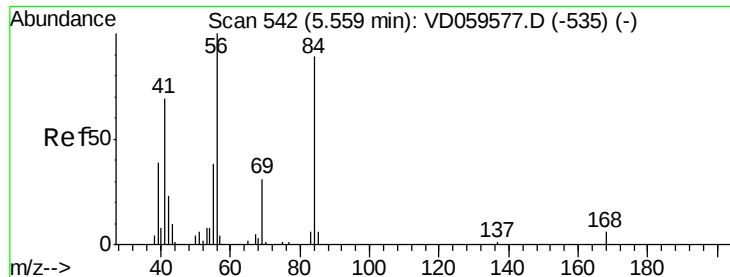
85 66.3 53.0 79.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

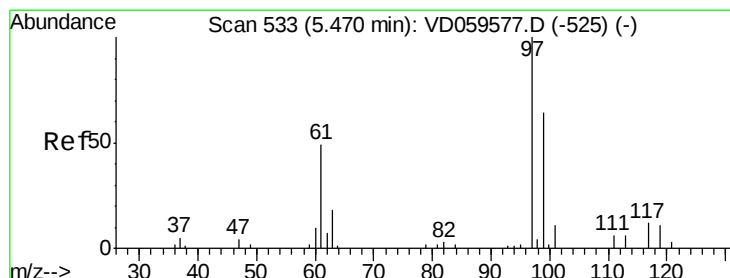
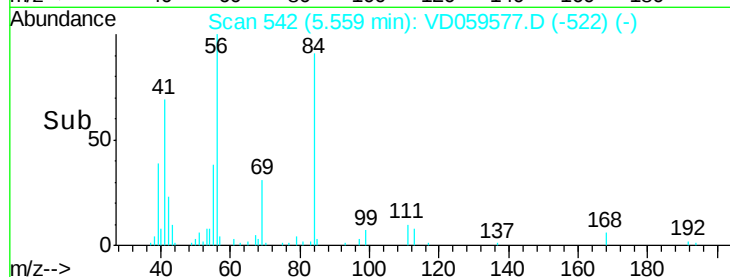
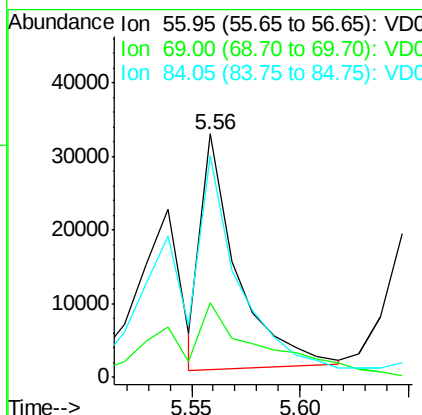
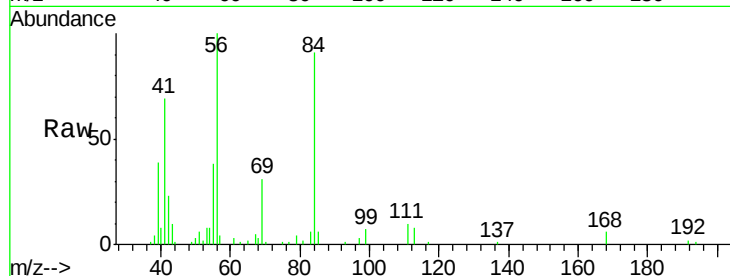




#31
Cyclohexane
Concen: 31.155 ug/l
RT: 5.56 min Scan# 542
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

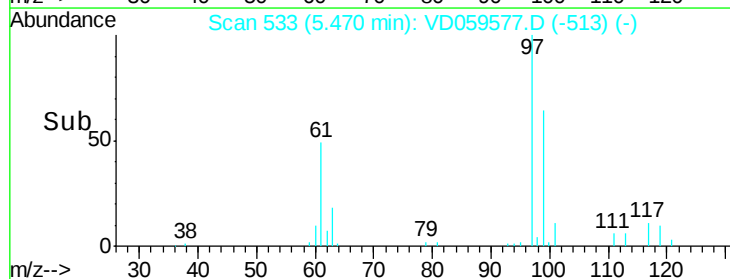
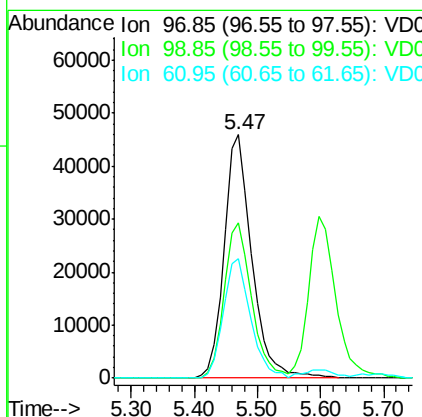
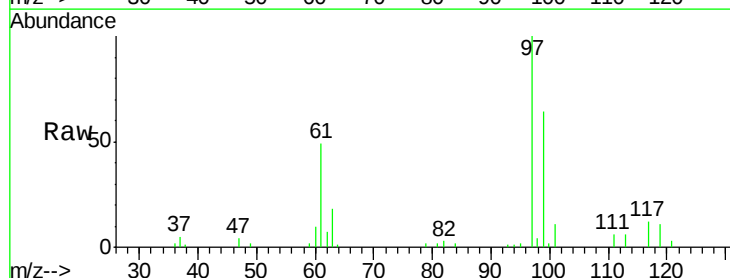
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

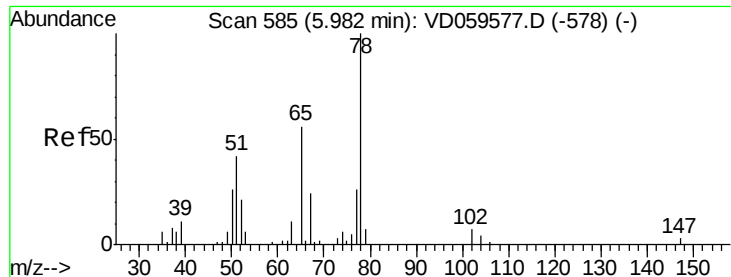
Tgt Ion: 56 Resp: 36767
Ion Ratio Lower Upper
56 100
69 30.8 24.6 37.0
84 90.9 72.7 109.1



#32
1,1,1-Trichloroethane
Concen: 79.249 ug/l
RT: 5.47 min Scan# 533
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion: 97 Resp: 139128
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 49.0 39.2 58.8

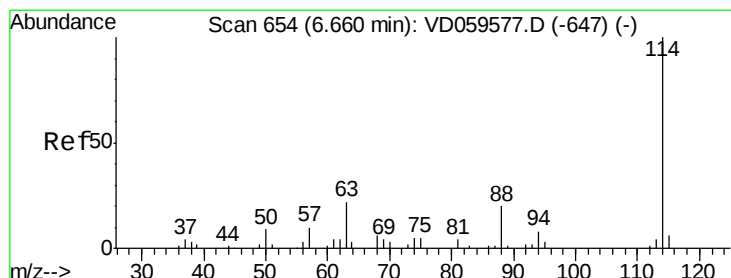
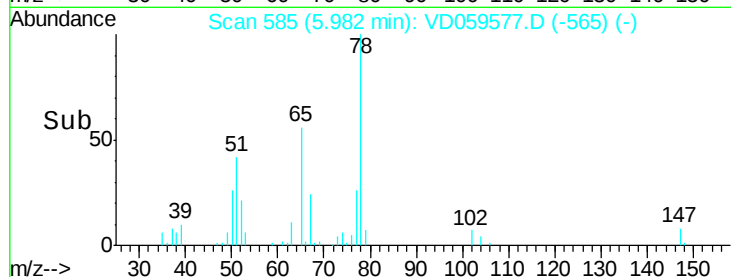
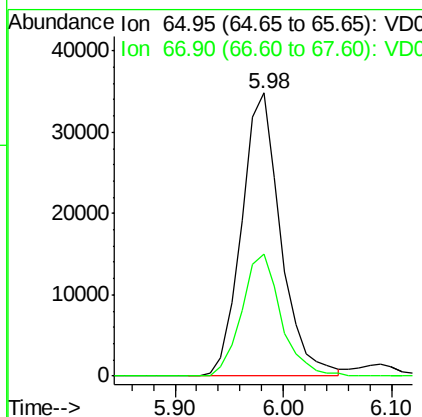
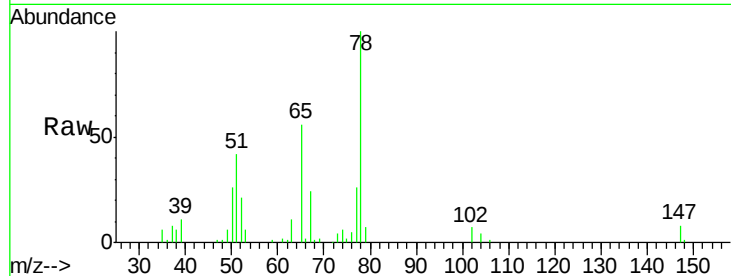




#33
 1,2-Dichloroethane-d4
 Concen: 79.249 ug/l
 RT: 5.98 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

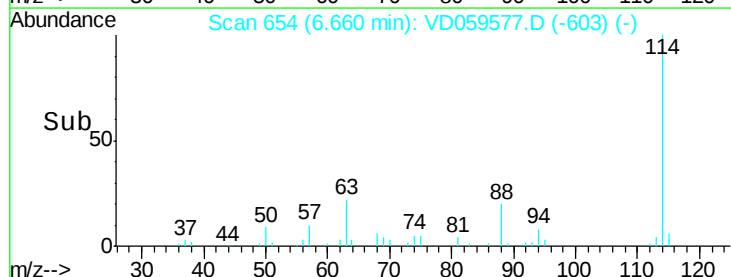
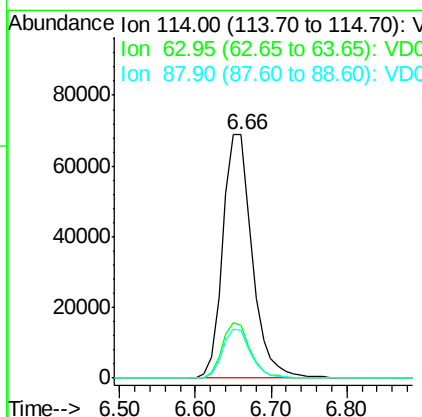
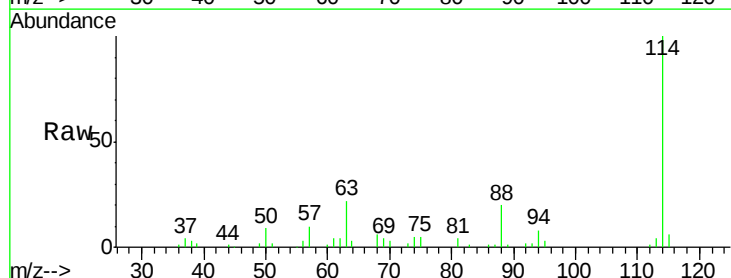
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

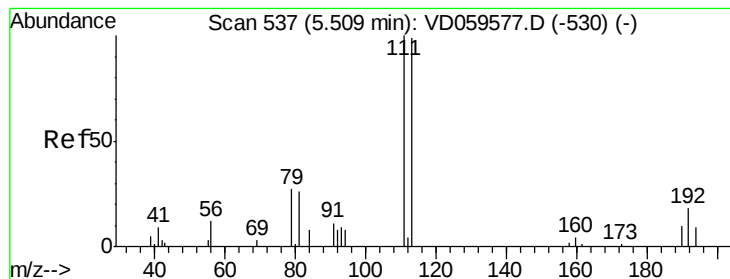
Tgt Ion: 65 Resp: 87271
 Ion Ratio Lower Upper
 65 100
 67 43.2 0.0 86.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Tgt Ion: 114 Resp: 184898
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.8
 88 19.5 0.0 39.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.51 min Scan# 537

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

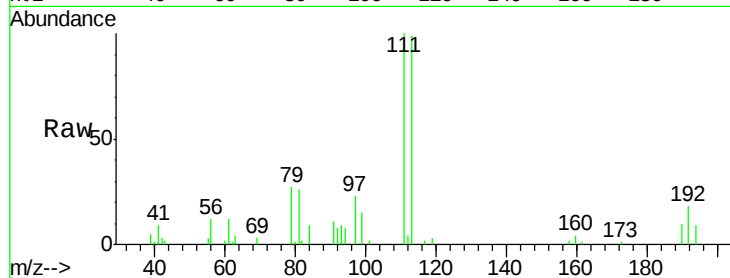
Tgt Ion:113 Resp: 82502

Ion Ratio Lower Upper

113 100

111 100.6 80.5 120.7

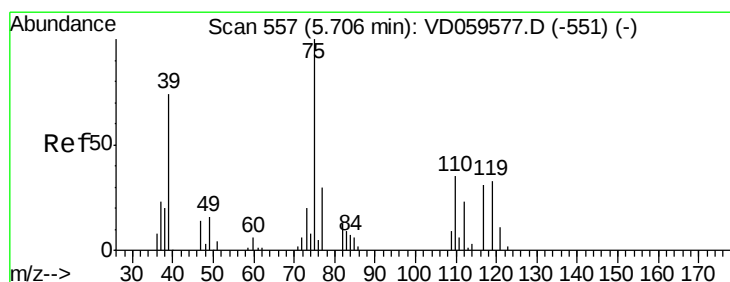
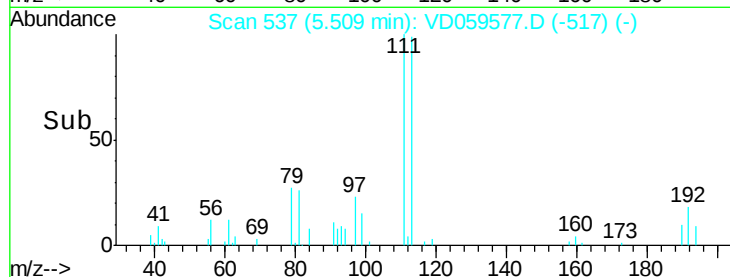
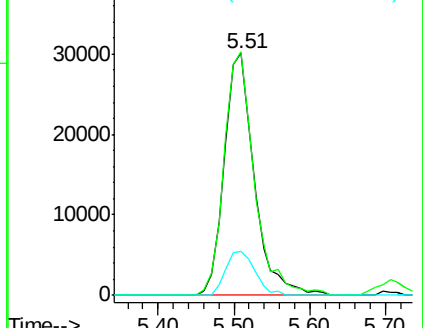
192 18.1 14.5 21.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 55.819 ug/l

RT: 5.71 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

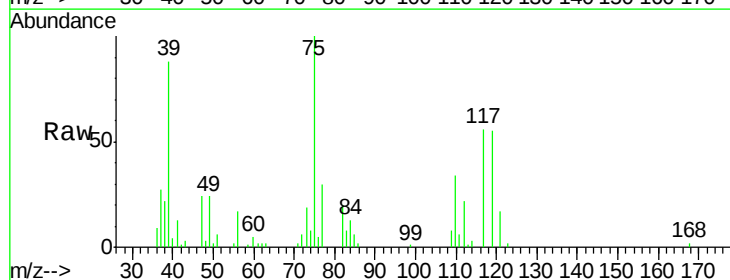
Tgt Ion: 75 Resp: 86079

Ion Ratio Lower Upper

75 100

110 33.9 17.0 50.9

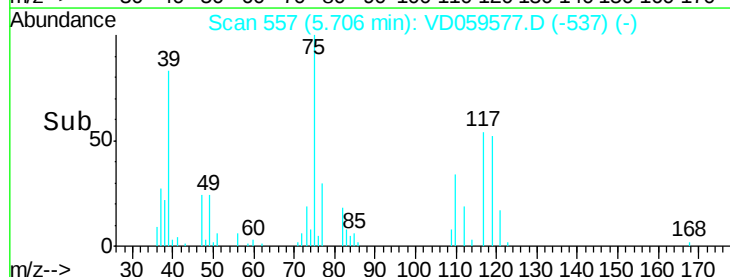
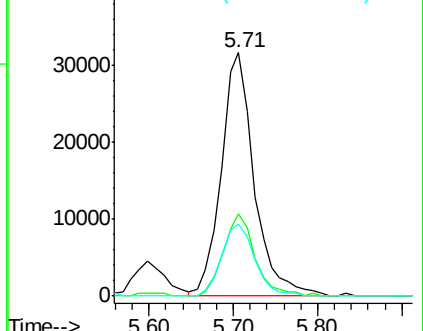
77 29.5 23.6 35.4

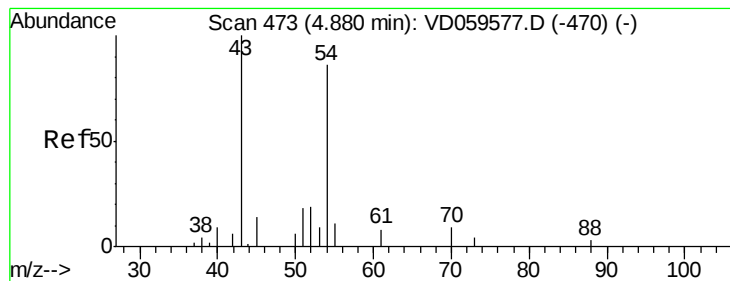


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC





#37

Ethyl Acetate

Concen: 68.932 ug/l

RT: 4.88 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

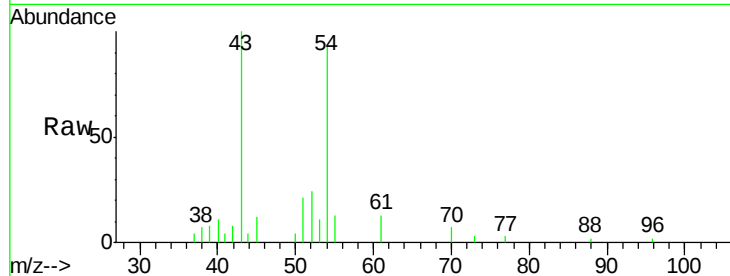
Tgt Ion: 43 Resp: 46915

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

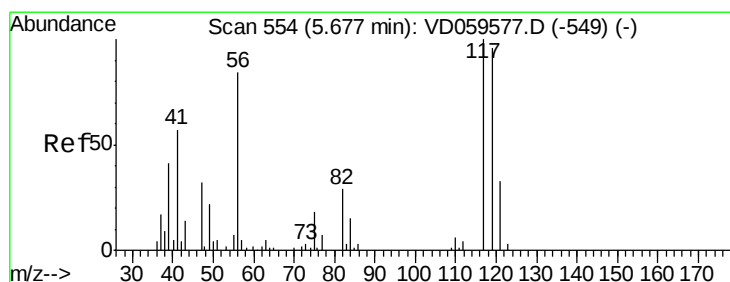
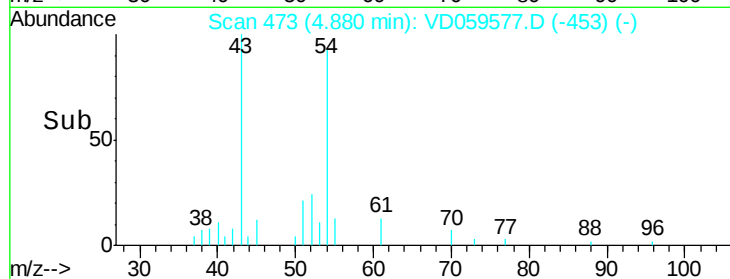
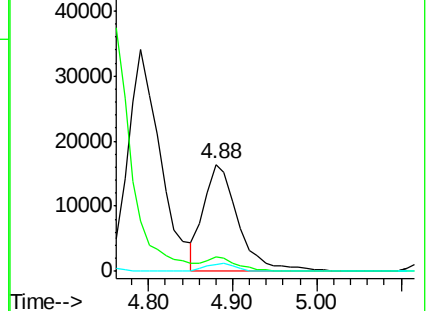
70 6.7 5.4 8.0



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: 66.018 ug/l

RT: 5.68 min Scan# 554

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

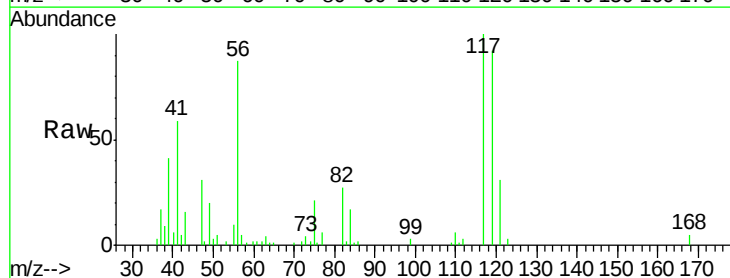
Tgt Ion: 117 Resp: 126725

Ion Ratio Lower Upper

117 100

119 92.0 73.6 110.4

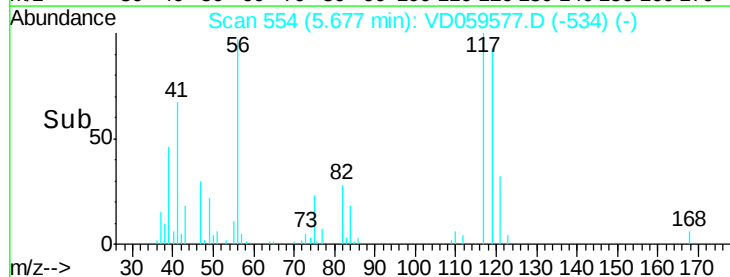
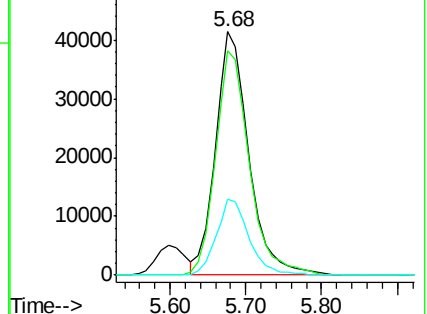
121 31.3 25.0 37.6

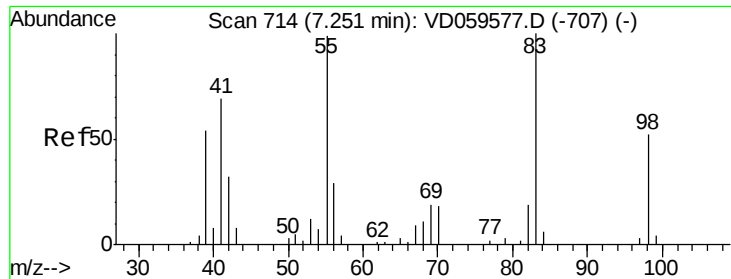


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

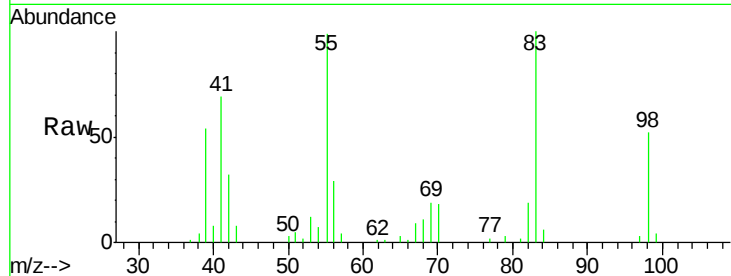




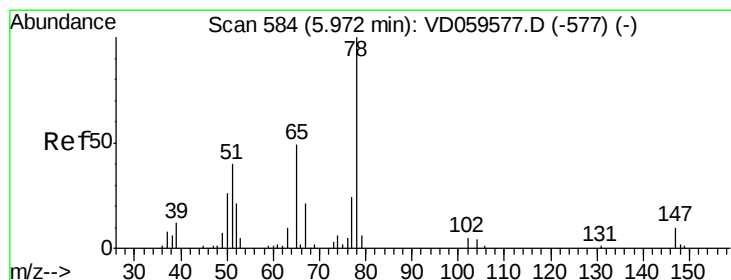
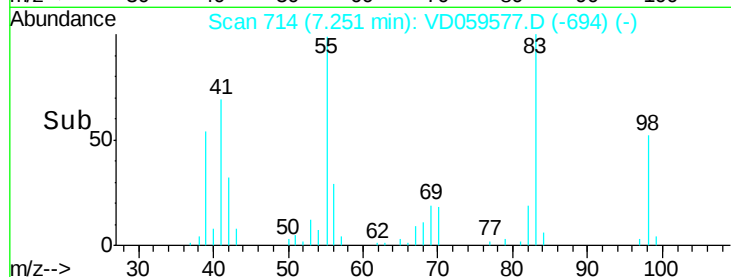
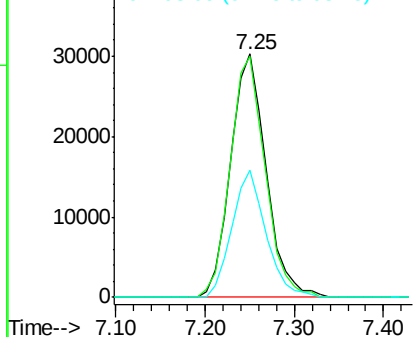
#39
Methylcyclohexane
Concen: 56.326 ug/l
RT: 7.25 min Scan# 714
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 84200
Ion Ratio Lower Upper
83 100
55 99.2 79.4 119.0
98 52.0 41.6 62.4

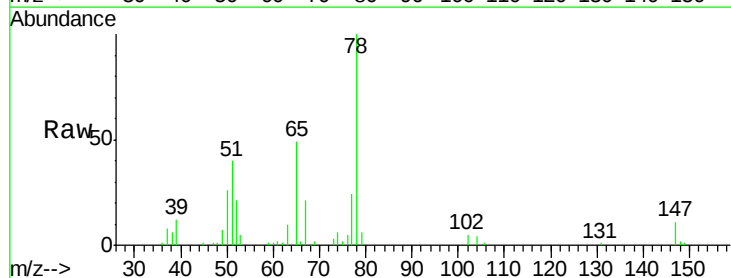


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

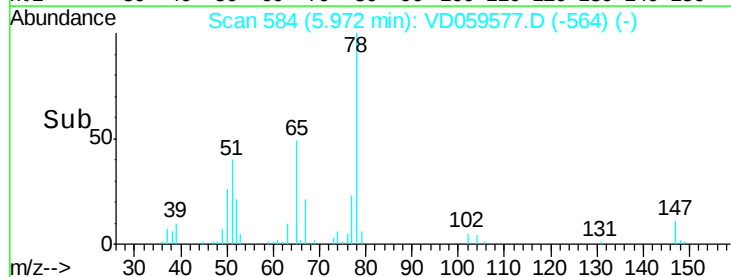
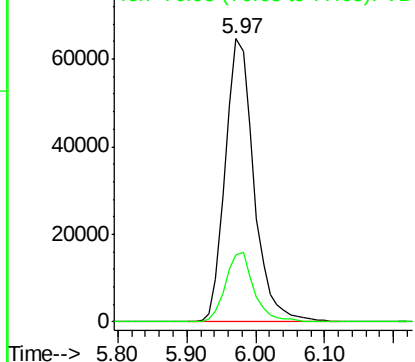


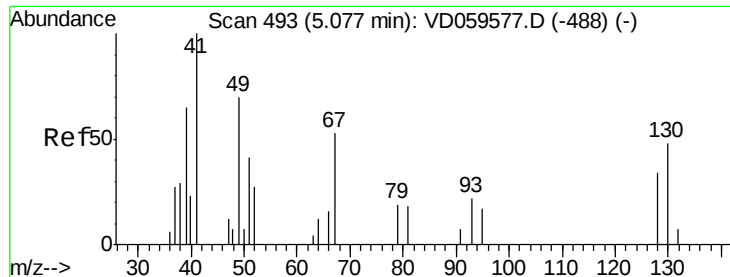
#40
Benzene
Concen: 52.123 ug/l
RT: 5.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion: 78 Resp: 186541
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



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

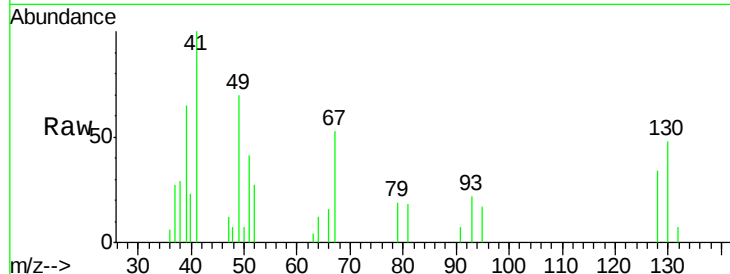




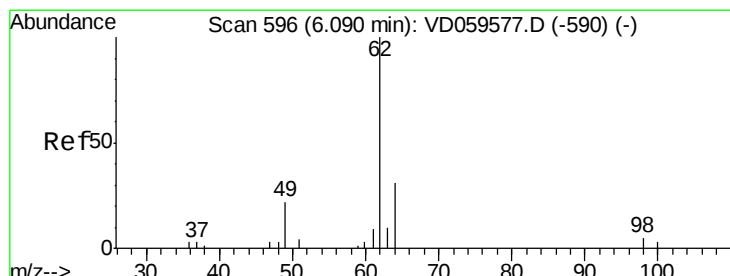
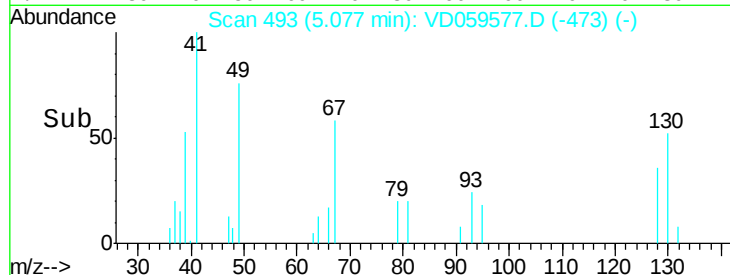
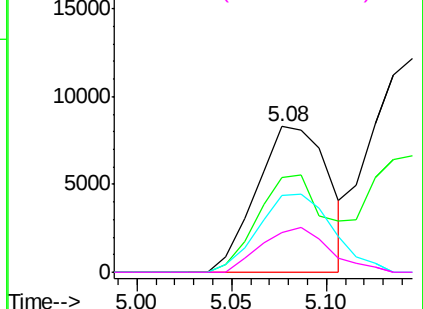
#41
Methacrylonitrile
Concen: 64.542 ug/l
RT: 5.08 min Scan# 493
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	22042
Ion	Ratio	Lower	Upper
41	100		
39	65.1	52.1	78.1
67	53.1	42.5	63.7
52	27.3	21.8	32.8

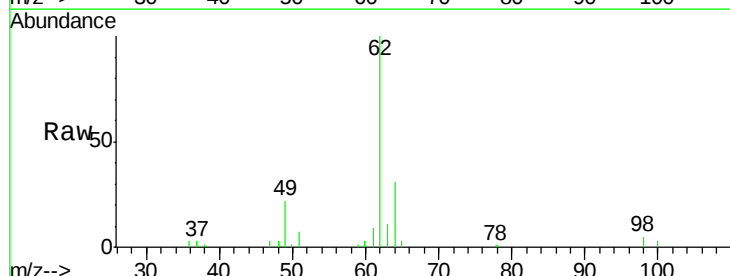


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

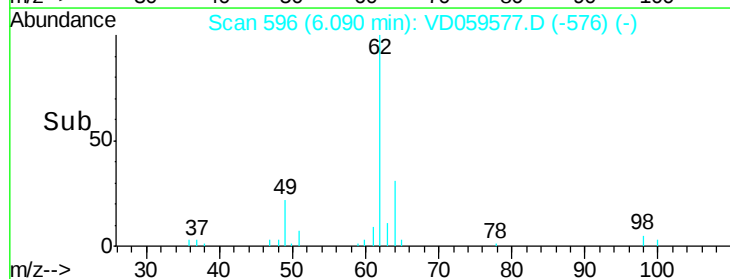
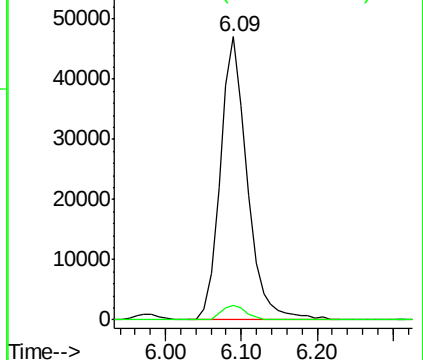


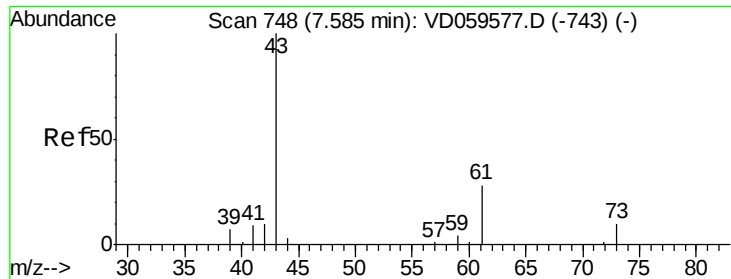
#42
1,2-Dichloroethane
Concen: 75.290 ug/l
RT: 6.09 min Scan# 596
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion:	62	Resp:	115557
Ion	Ratio	Lower	Upper
62	100		
98	5.1	0.0	10.2



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

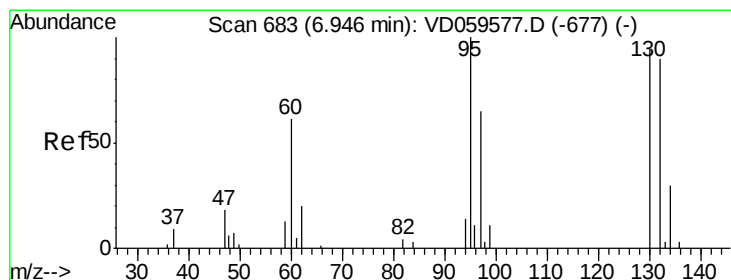
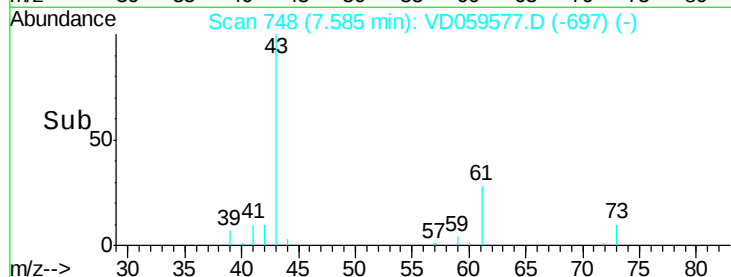
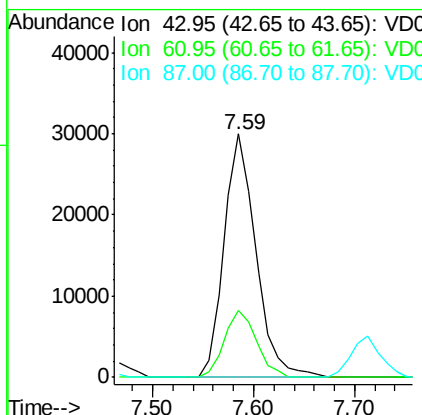
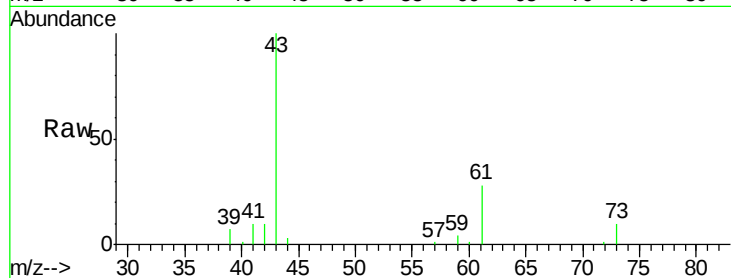




#43
Isopropyl Acetate
Concen: 69.818 ug/l
RT: 7.59 min Scan# 748
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

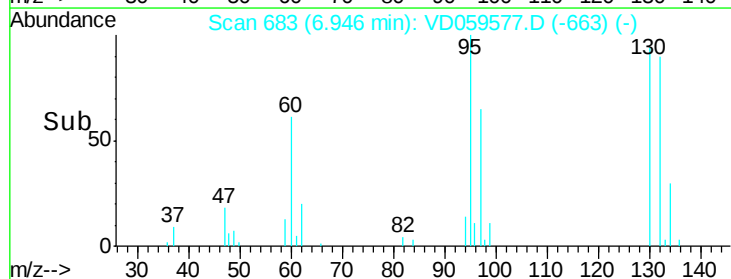
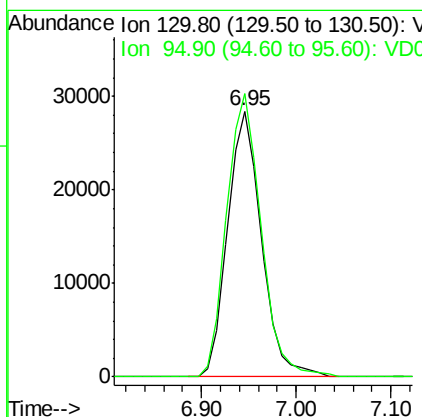
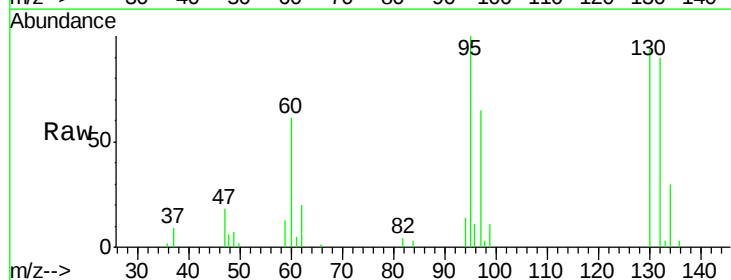
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

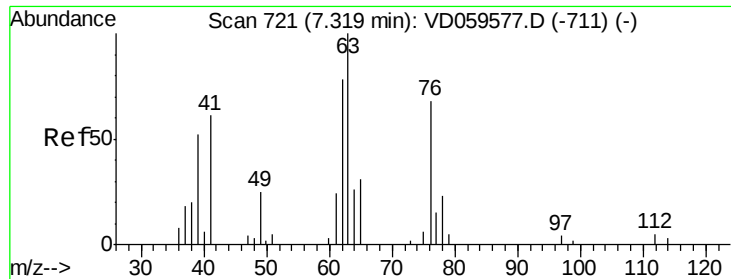
Tgt Ion: 43 Resp: 65628
Ion Ratio Lower Upper
43 100
61 27.5 22.0 33.0
87 0.0 0.0 0.0



#44
Trichloroethene
Concen: 44.654 ug/l
RT: 6.95 min Scan# 683
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion: 130 Resp: 70098
Ion Ratio Lower Upper
130 100
95 106.6 0.0 213.2





#45

1,2-Dichloropropane

Concen: 56.844 ug/l

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

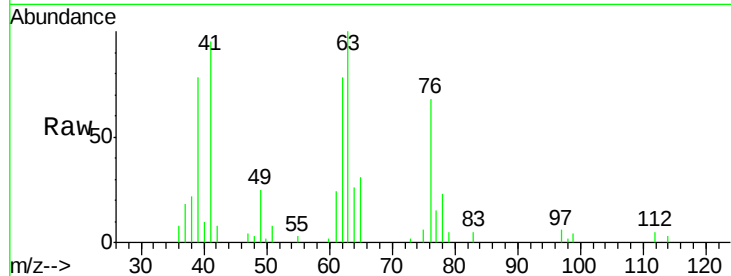
VSTDICCC050

Tgt Ion: 63 Resp: 51698

Ion Ratio Lower Upper

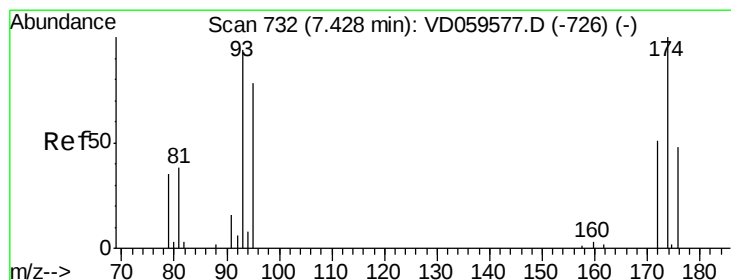
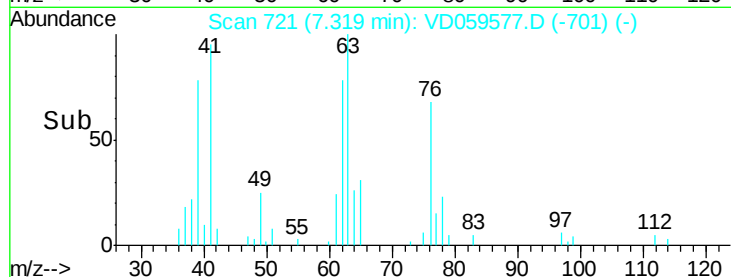
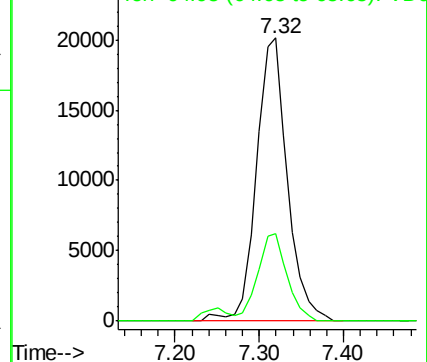
63 100

65 31.1 24.9 37.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 61.966 ug/l

RT: 7.43 min Scan# 732

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

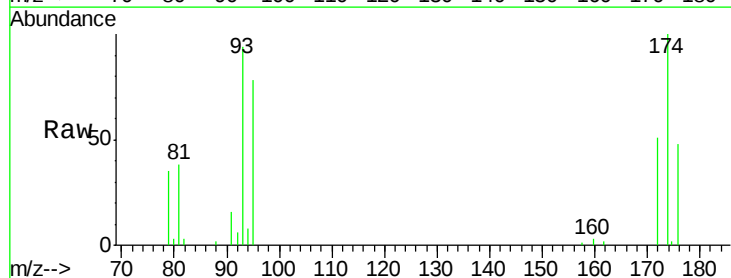
Tgt Ion: 93 Resp: 44172

Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

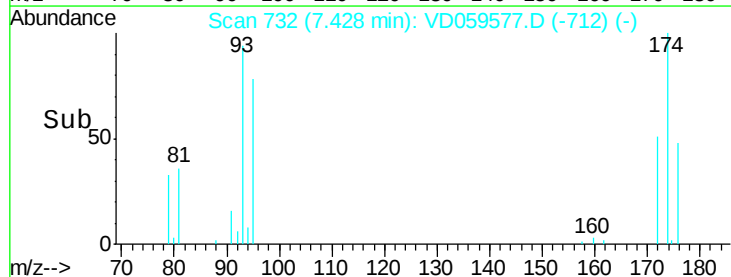
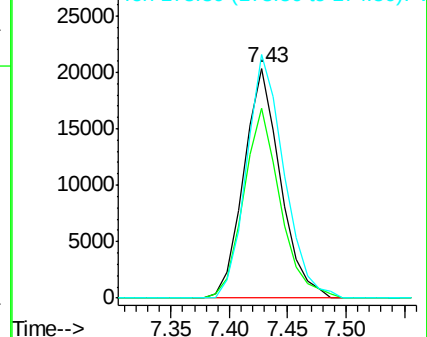
174 105.9 84.7 127.1

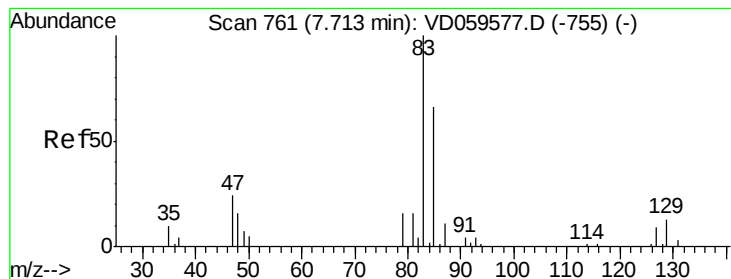


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 64.600 ug/l

RT: 7.71 min Scan# 761

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

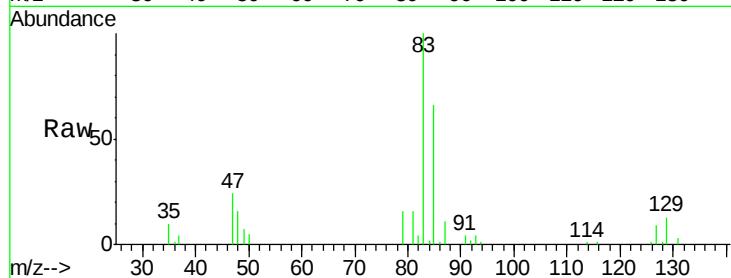
Tgt Ion: 83 Resp: 108110

Ion Ratio Lower Upper

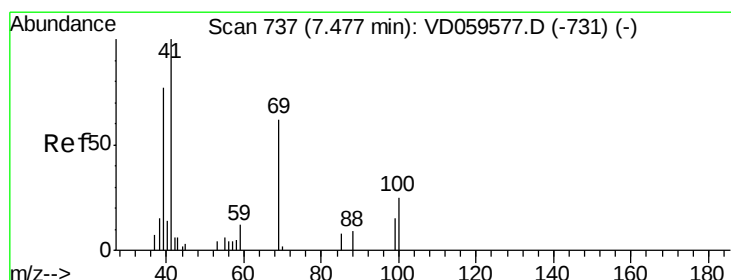
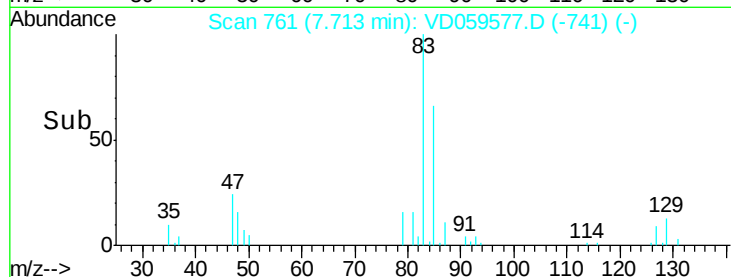
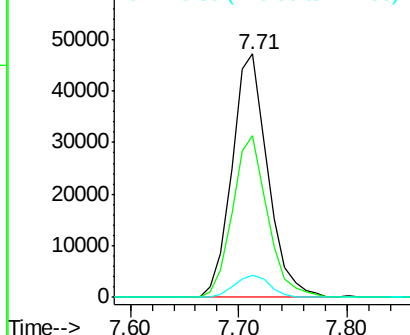
83 100

85 66.4 53.1 79.7

127 9.2 7.4 11.0



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: 70.882 ug/l

RT: 7.48 min Scan# 737

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

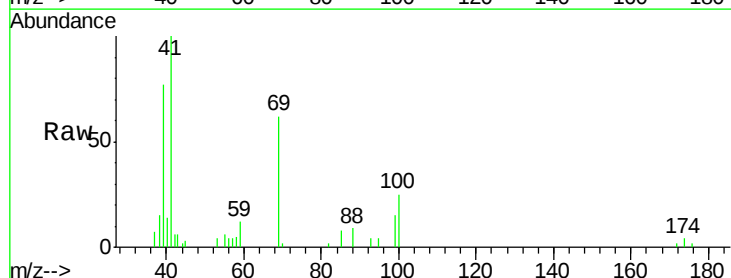
Tgt Ion: 41 Resp: 44619

Ion Ratio Lower Upper

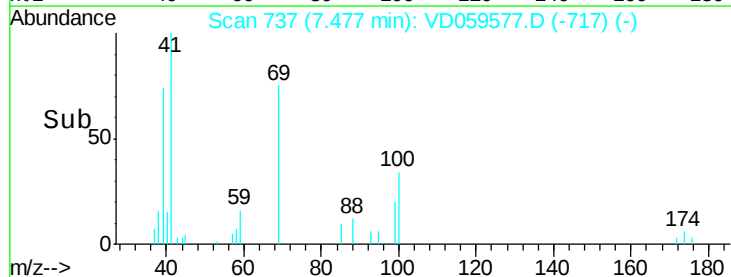
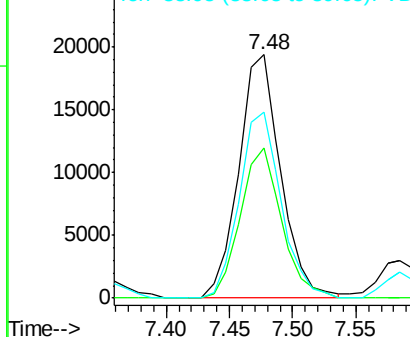
41 100

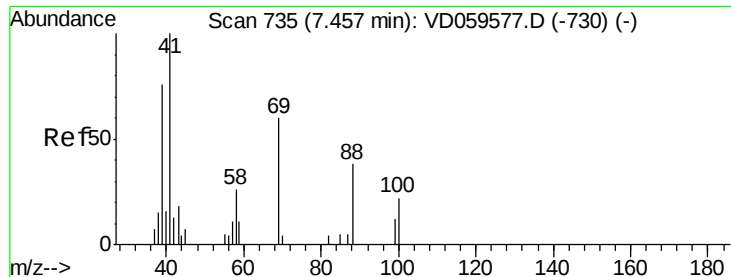
69 61.7 49.4 74.0

39 76.6 61.3 91.9



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: 1183.449 ug/l

RT: 7.46 min Scan# 735

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

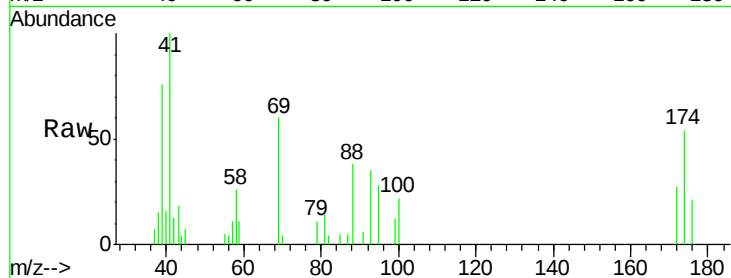
Tgt Ion: 88 Resp: 7919

Ion Ratio Lower Upper

88 100

43 46.8 37.4 56.2

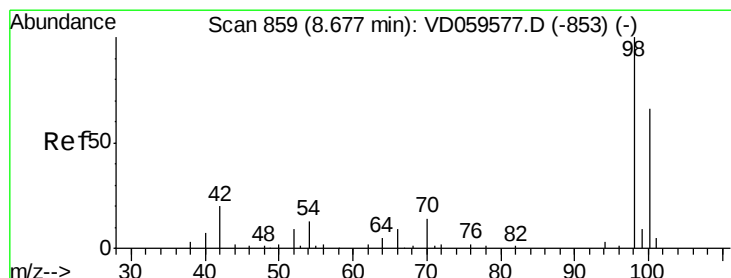
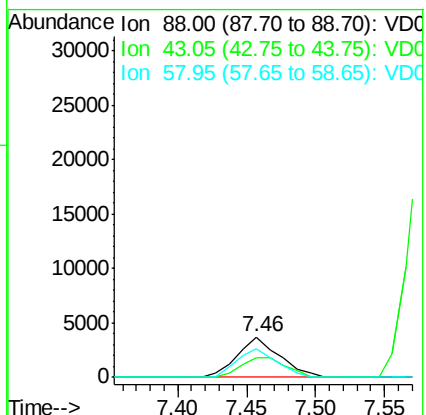
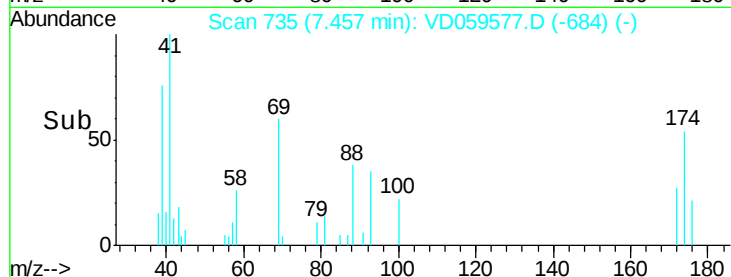
58 69.5 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 1183.449 ug/l

RT: 8.68 min Scan# 859

Delta R.T. 0.00 min

Lab File: VD059577.D

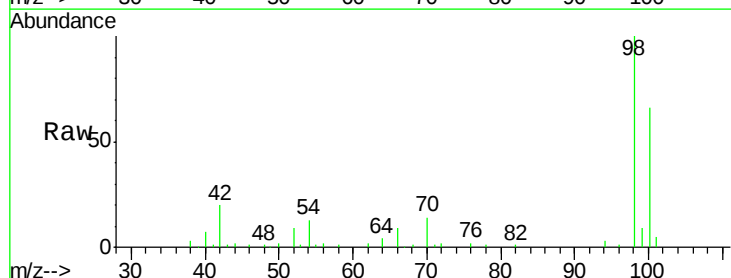
Acq: 24 Jul 2018 18:16

Tgt Ion: 98 Resp: 179899

Ion Ratio Lower Upper

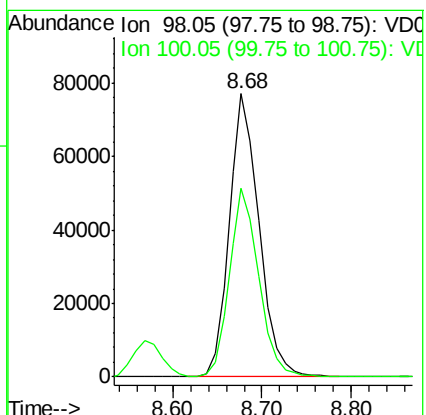
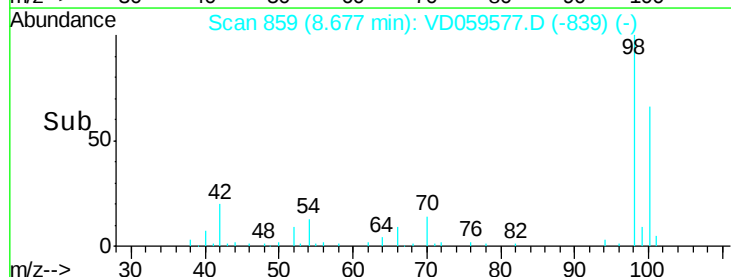
98 100

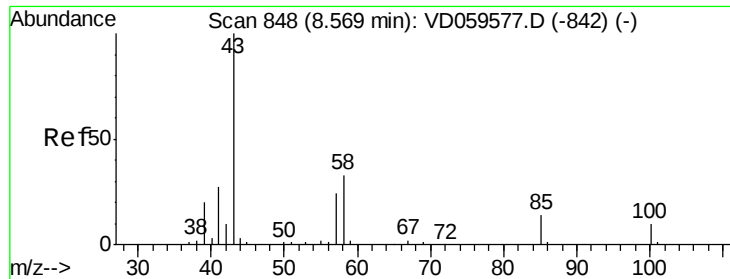
100 66.5 53.2 79.8



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: 330.815 ug/l

RT: 8.57 min Scan# 848

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

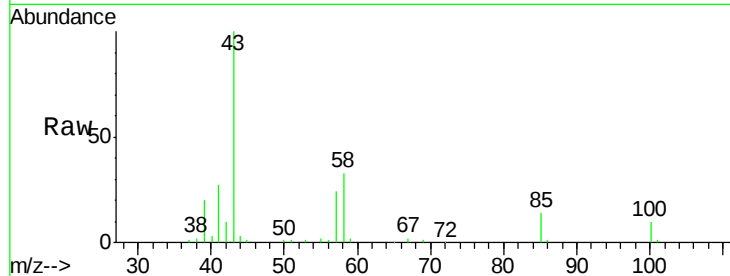
VSTDICCC050

Tgt Ion: 43 Resp: 208680

Ion Ratio Lower Upper

43 100

58 32.9 26.3 39.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8.57

100000

80000

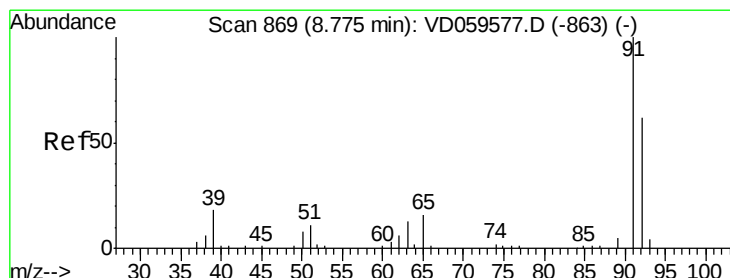
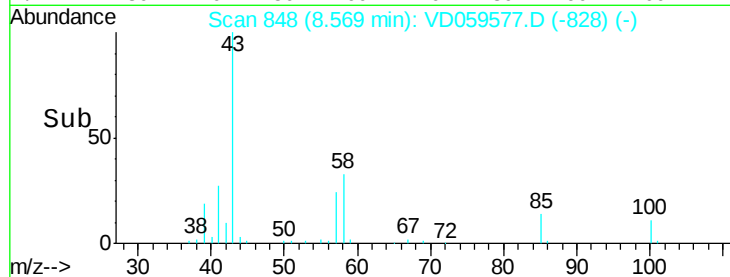
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 53.404 ug/l

RT: 8.78 min Scan# 869

Delta R.T. 0.00 min

Lab File: VD059577.D

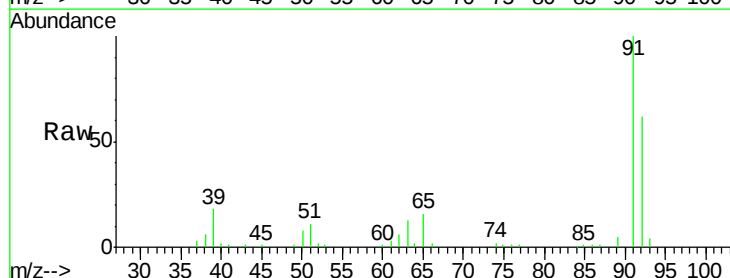
Acq: 24 Jul 2018 18:16

Tgt Ion: 92 Resp: 122835

Ion Ratio Lower Upper

92 100

91 161.8 129.4 194.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

8.78

100000

80000

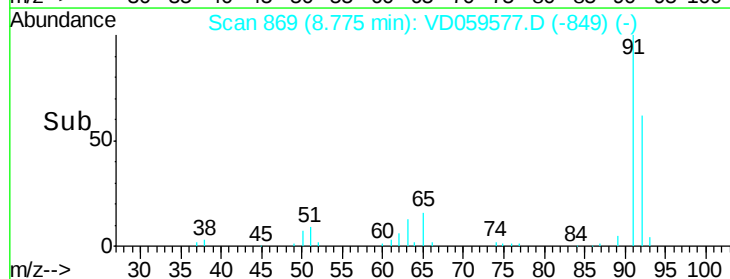
60000

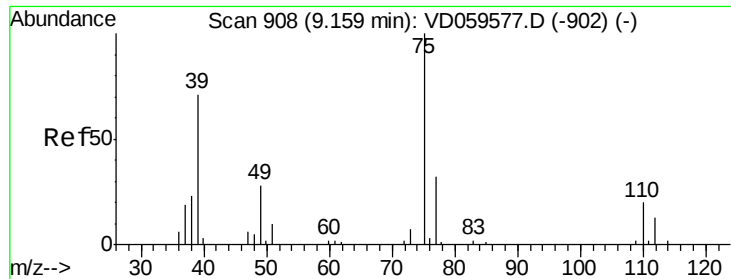
40000

20000

0

Time-->

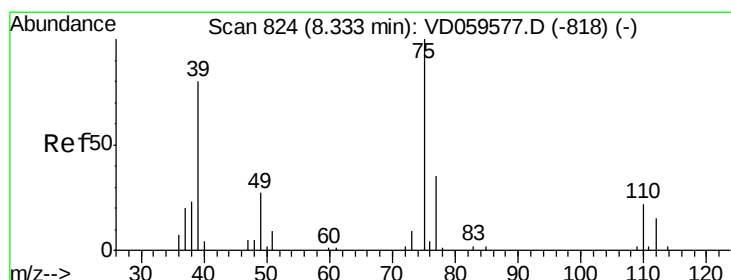
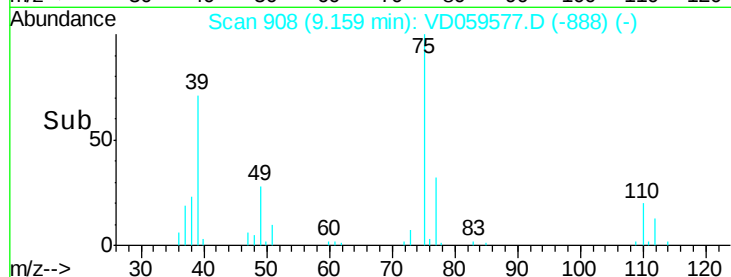
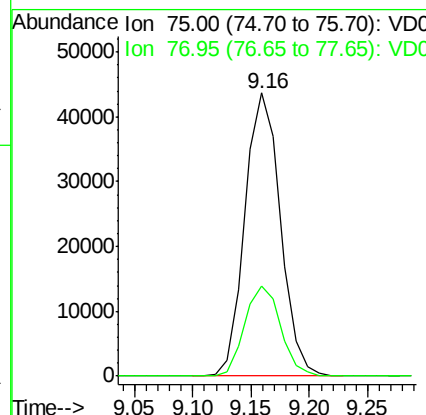
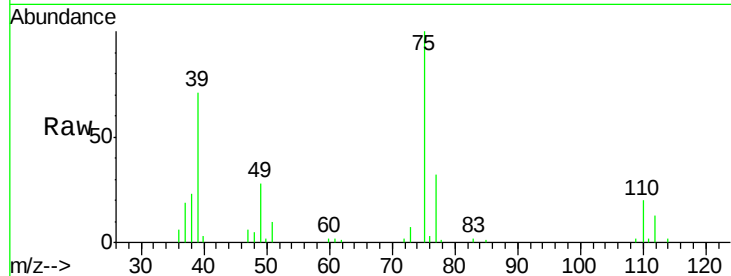




#53
 t-1,3-Dichloropropene
 Concen: 68.955 ug/l
 RT: 9.16 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

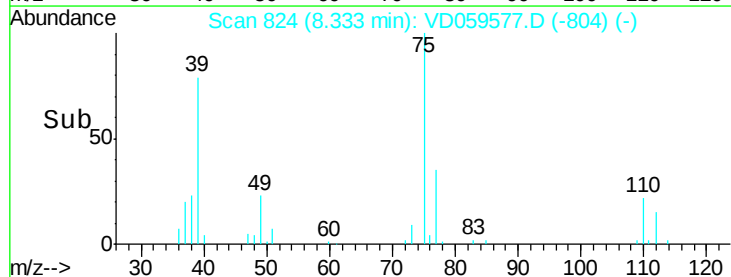
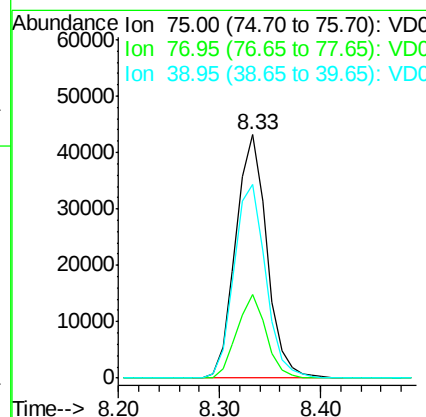
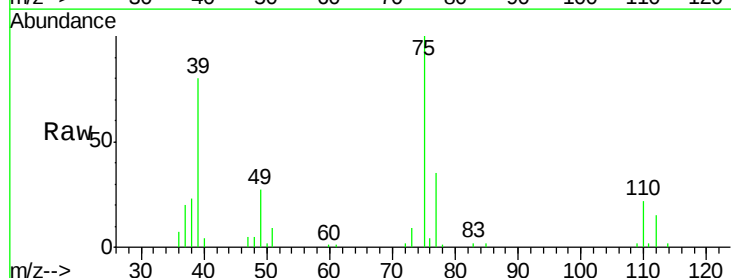
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

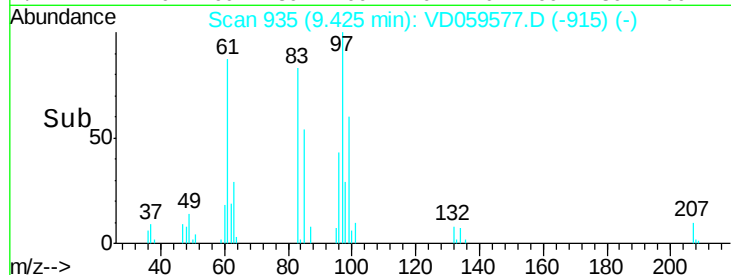
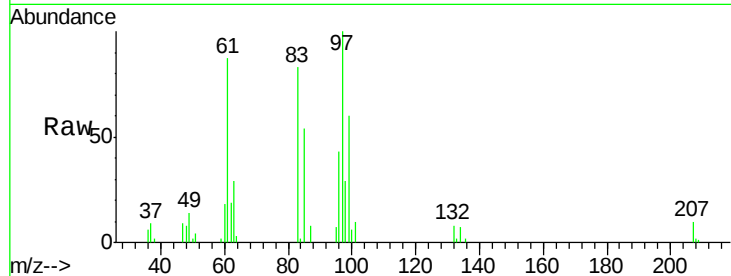
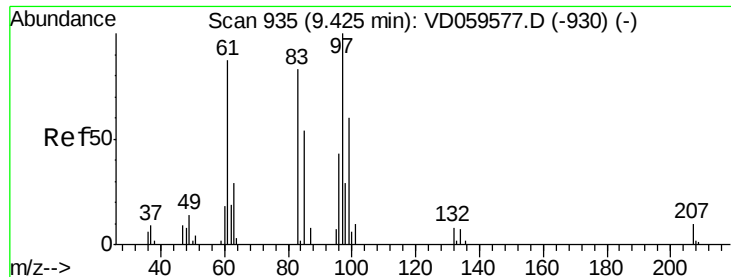
Tgt Ion: 75 Resp: 92167
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 63.188 ug/l
 RT: 8.33 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Tgt Ion: 75 Resp: 92851
 Ion Ratio Lower Upper
 75 100
 77 34.6 27.7 41.5
 39 79.8 63.8 95.8

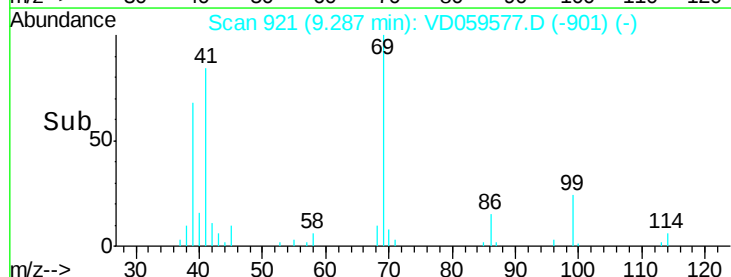
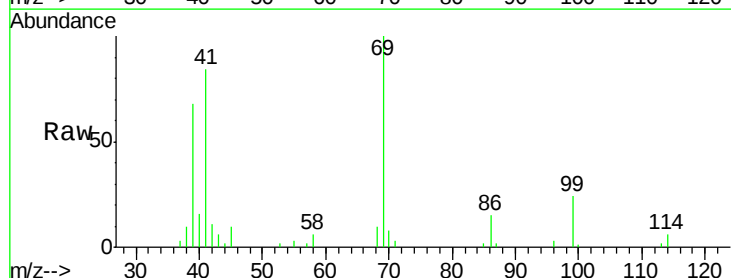
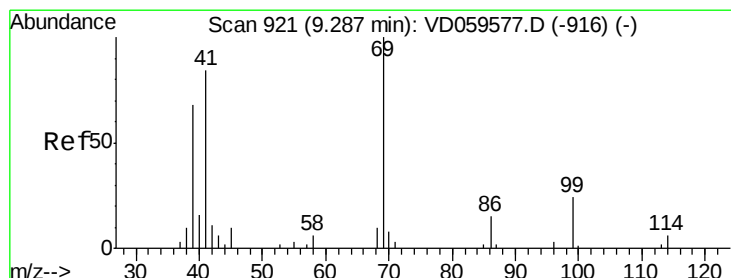
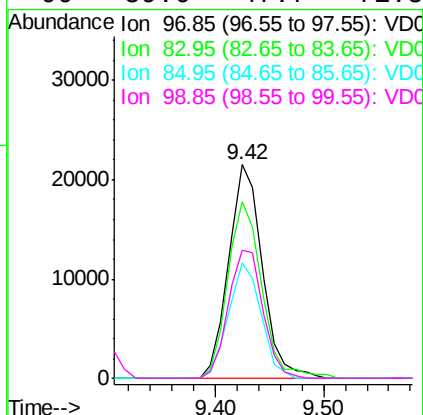




#55
1,1,2-Trichloroethane
Concen: 55.953 ug/l
RT: 9.42 min Scan# 935
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

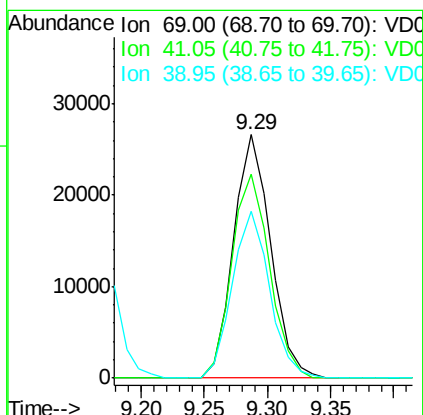
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

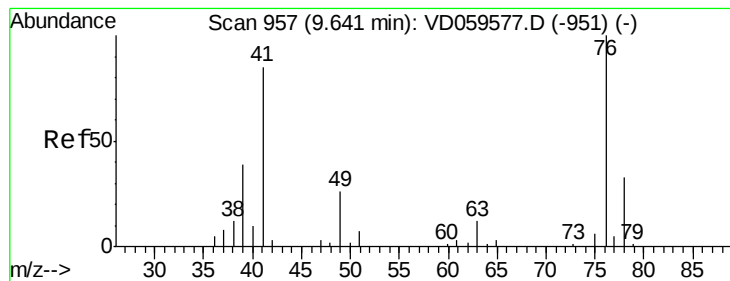
Tgt Ion: 97 Resp: 46465
Ion Ratio Lower Upper
97 100
83 82.9 66.3 99.5
85 53.8 43.0 64.6
99 59.6 47.7 71.5



#56
Ethyl methacrylate
Concen: 59.888 ug/l
RT: 9.29 min Scan# 921
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion: 69 Resp: 54049
Ion Ratio Lower Upper
69 100
41 83.5 66.8 100.2
39 68.4 54.7 82.1





#57

1,3-Dichloropropane

Concen: 56.797 ug/l

RT: 9.64 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

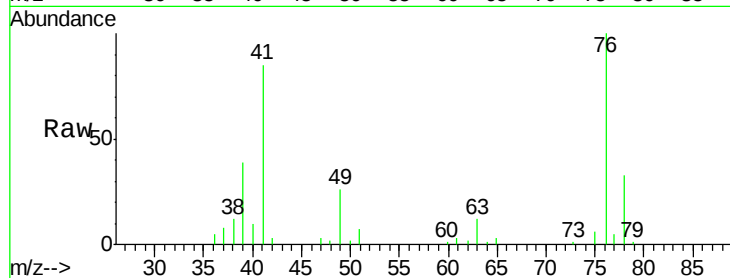
VSTDICCC050

Tgt Ion: 76 Resp: 73206

Ion Ratio Lower Upper

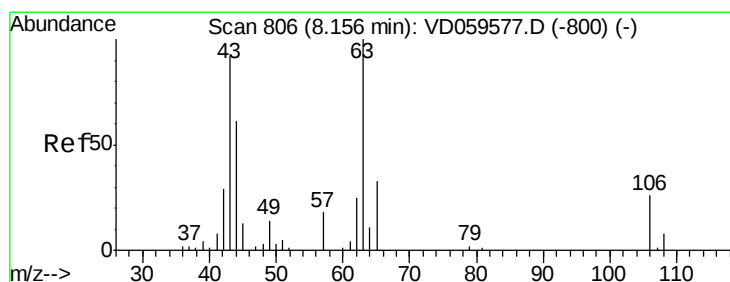
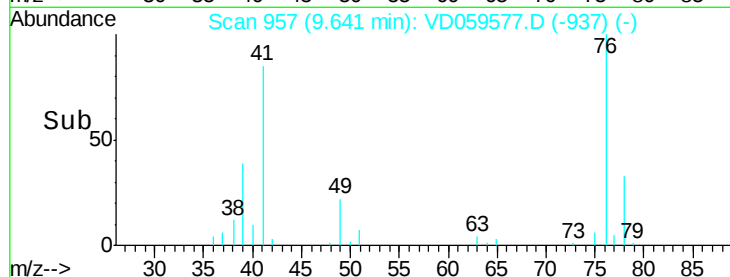
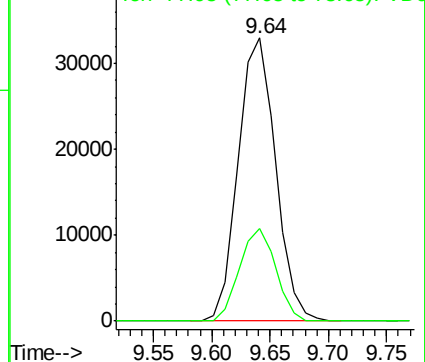
76 100

78 32.5 26.0 39.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 322.237 ug/l

RT: 8.16 min Scan# 806

Delta R.T. 0.00 min

Lab File: VD059577.D

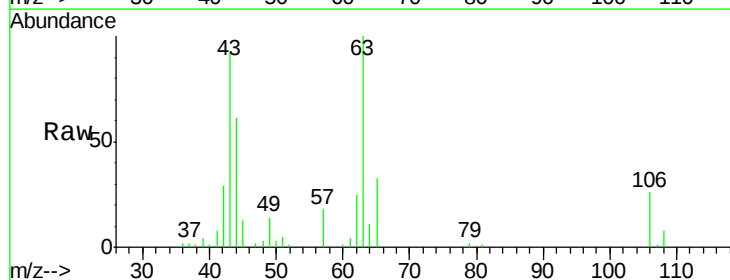
Acq: 24 Jul 2018 18:16

Tgt Ion: 63 Resp: 131854

Ion Ratio Lower Upper

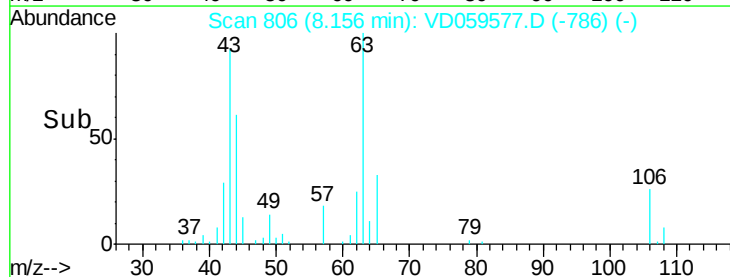
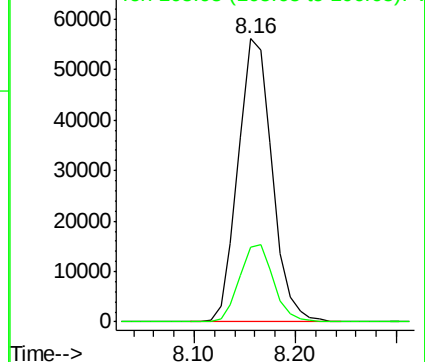
63 100

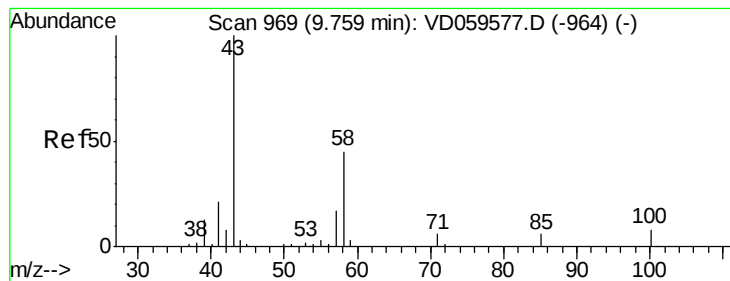
106 26.3 21.0 31.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V





#59

2-Hexanone

Concen: 354.665 ug/l

RT: 9.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

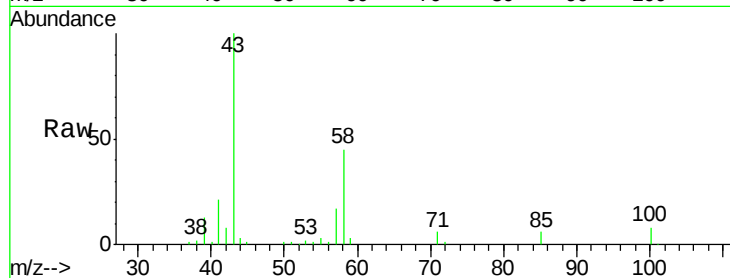
VSTDICCC050

Tgt Ion: 43 Resp: 160593

Ion Ratio Lower Upper

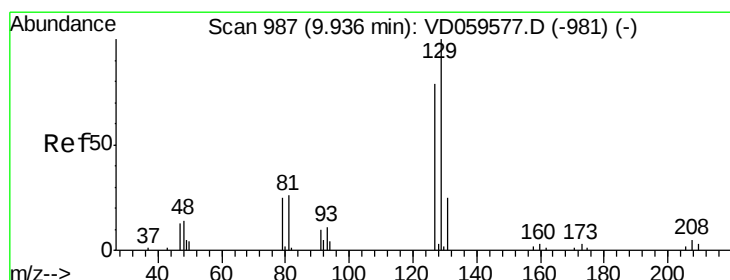
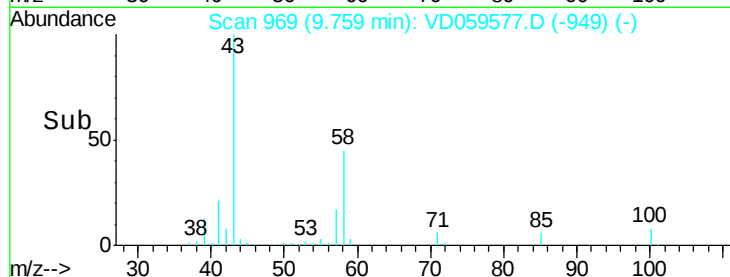
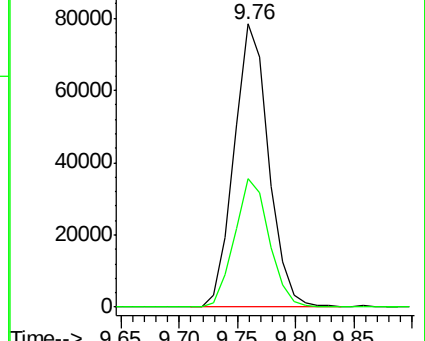
43 100

58 45.4 22.7 68.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#60

Dibromochloromethane

Concen: 52.055 ug/l

RT: 9.94 min Scan# 987

Delta R.T. 0.00 min

Lab File: VD059577.D

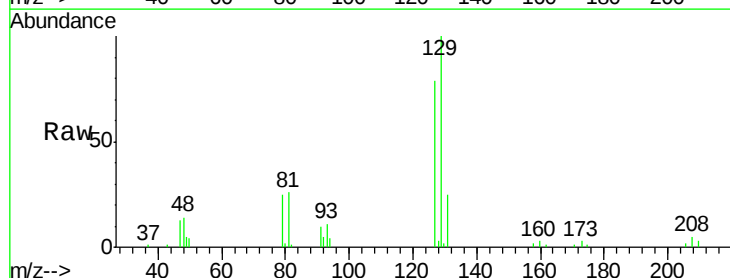
Acq: 24 Jul 2018 18:16

Tgt Ion: 129 Resp: 77569

Ion Ratio Lower Upper

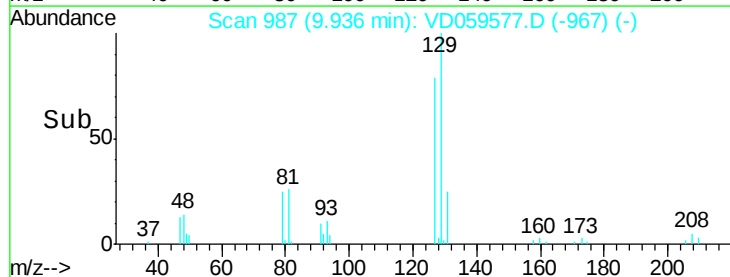
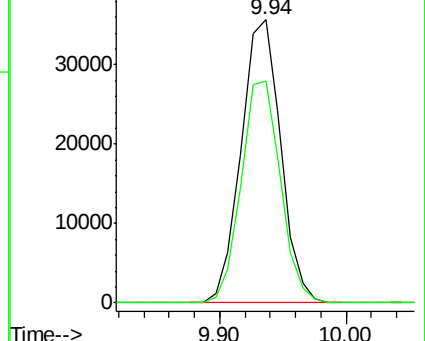
129 100

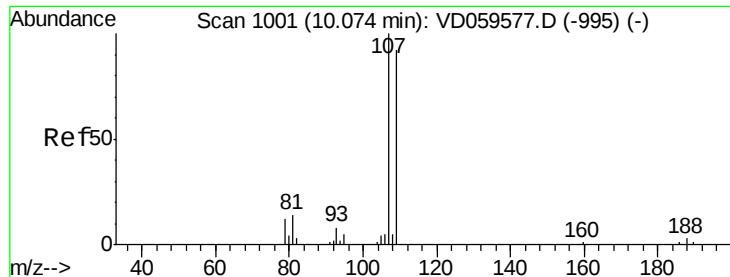
127 78.6 39.3 117.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 55.923 ug/l

RT: 10.07 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

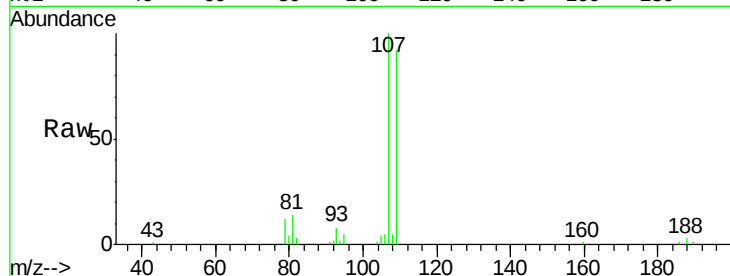
VSTDICCC050

Tgt Ion: 107 Resp: 54647

Ion Ratio Lower Upper

107 100

109 91.7 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

10.07

25000

20000

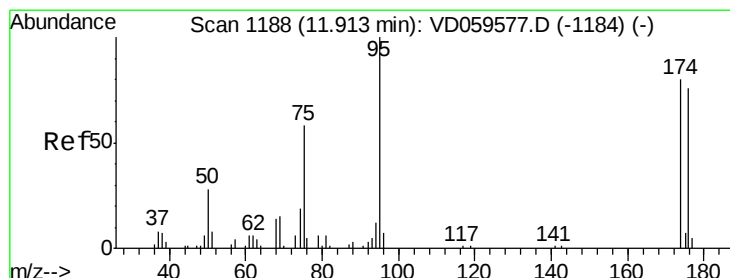
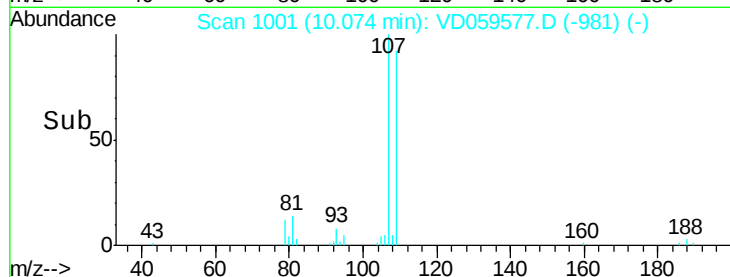
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.923 ug/l

RT: 11.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

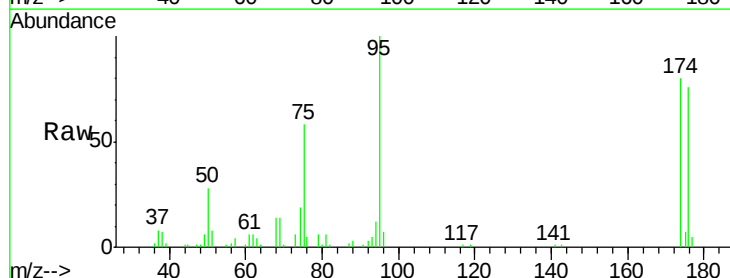
Tgt Ion: 95 Resp: 78290

Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.6

176 76.4 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

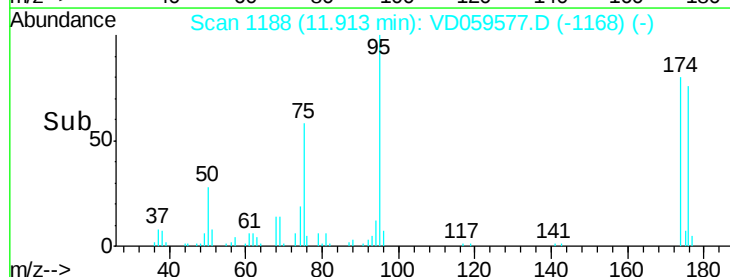
60000

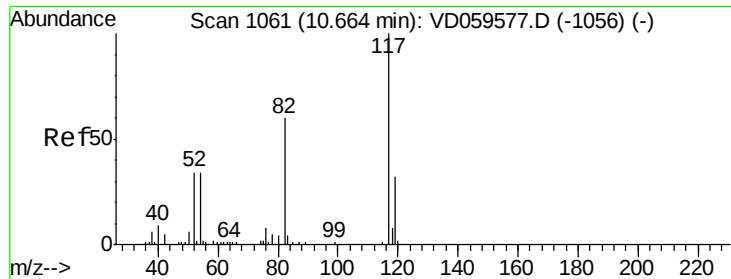
40000

20000

0

Time-->

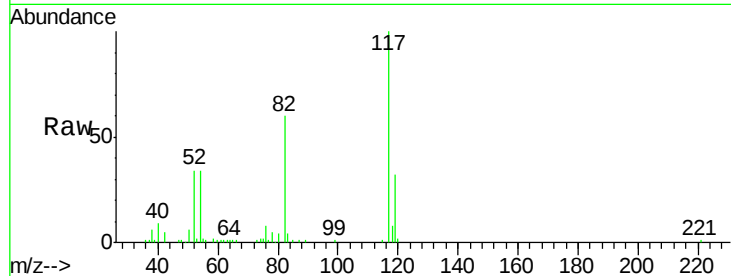




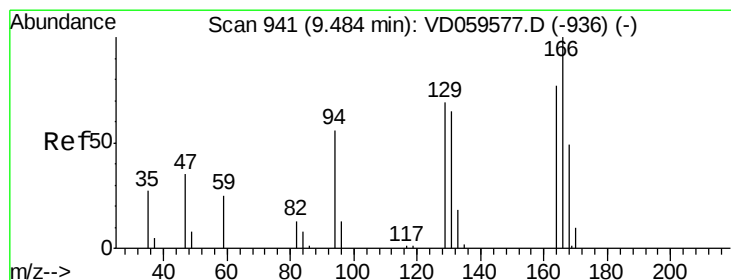
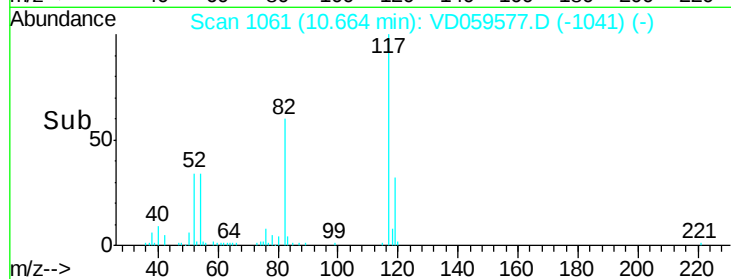
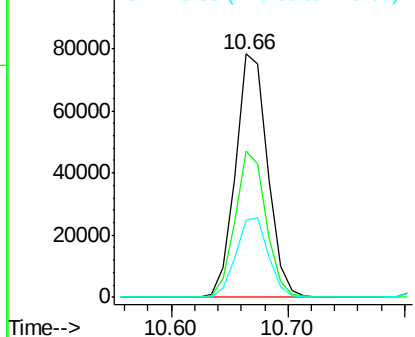
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.66 min Scan# 1061
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 148887
Ion Ratio Lower Upper
117 100
82 60.2 48.2 72.2
119 31.8 25.4 38.2

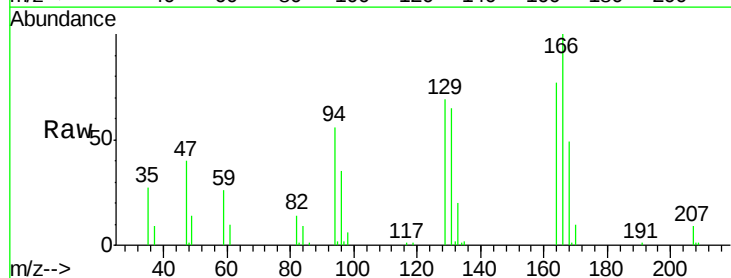


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

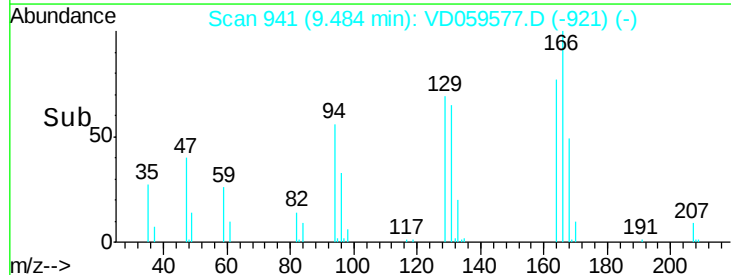
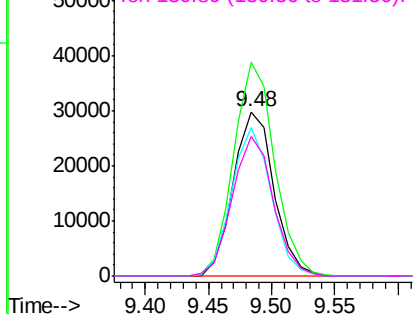


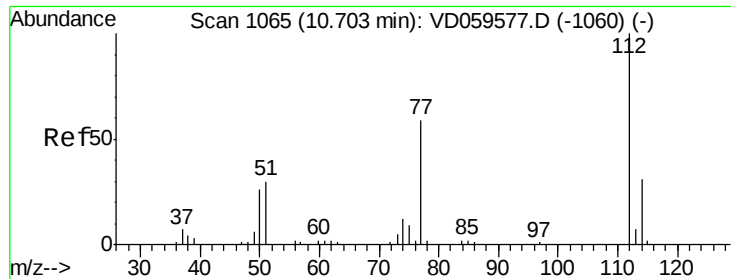
#64
Tetrachloroethene
Concen: 33.204 ug/l
RT: 9.48 min Scan# 941
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion:164 Resp: 66304
Ion Ratio Lower Upper
164 100
166 130.0 104.0 156.0
129 90.3 72.2 108.4
131 84.6 67.7 101.5



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

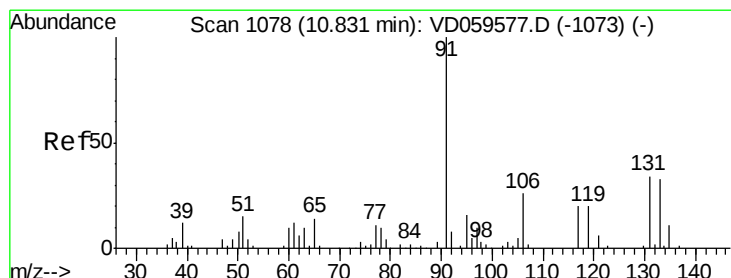
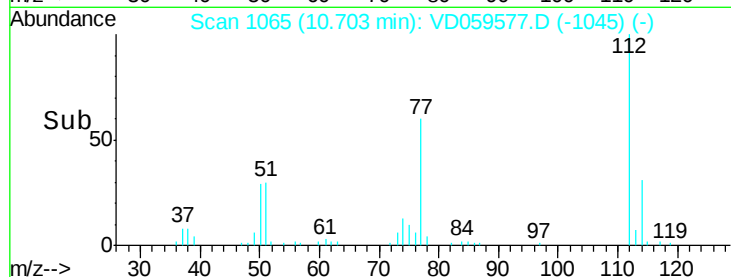
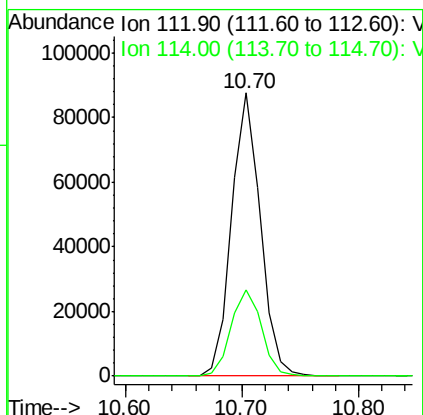
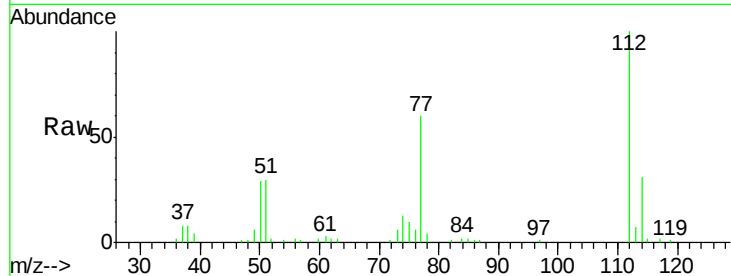




#65
Chlorobenzene
Concen: 51.159 ug/l
RT: 10.70 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

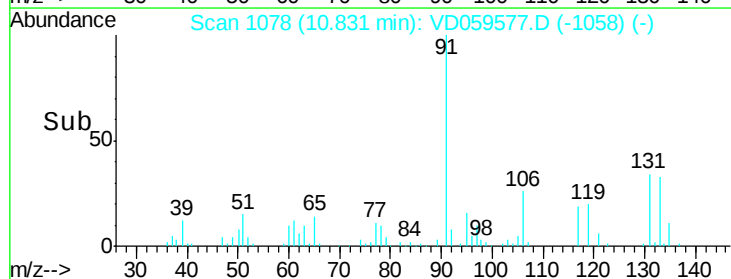
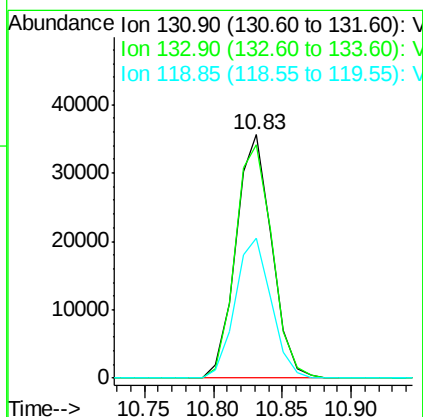
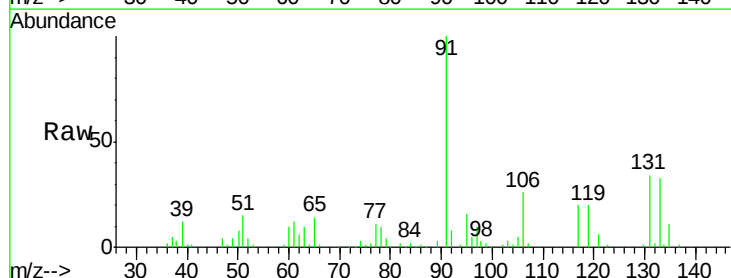
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

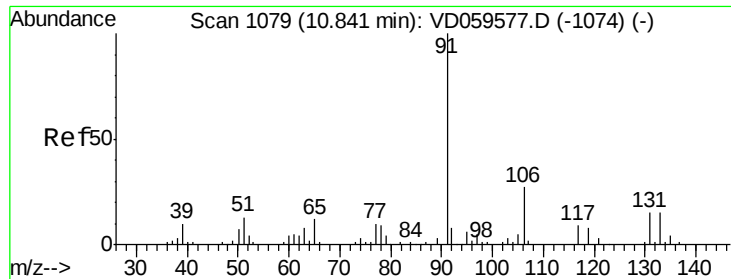
Tgt Ion:112 Resp: 150015
Ion Ratio Lower Upper
112 100
114 30.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.439 ug/l
RT: 10.83 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion:131 Resp: 64259
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 57.4 28.7 86.1

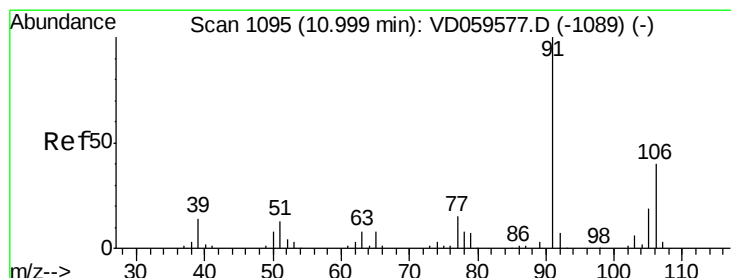
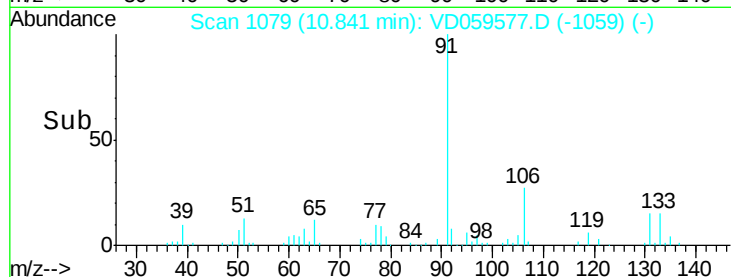
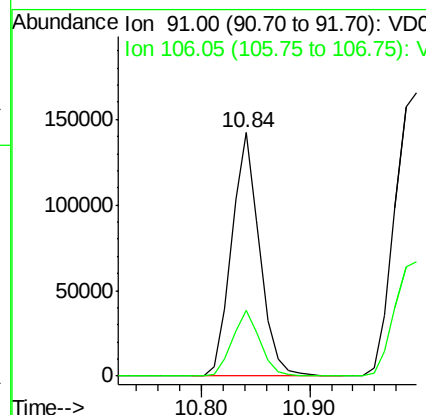
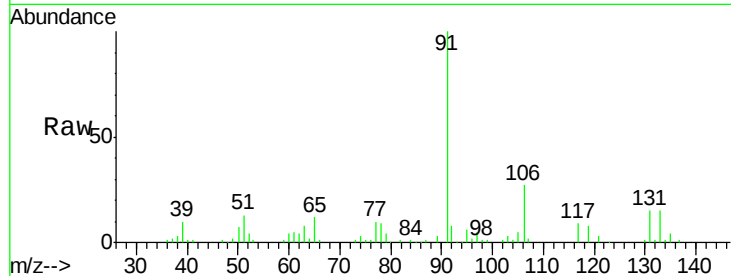




#67
Ethyl Benzene
Concen: 57.894 ug/l
RT: 10.84 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

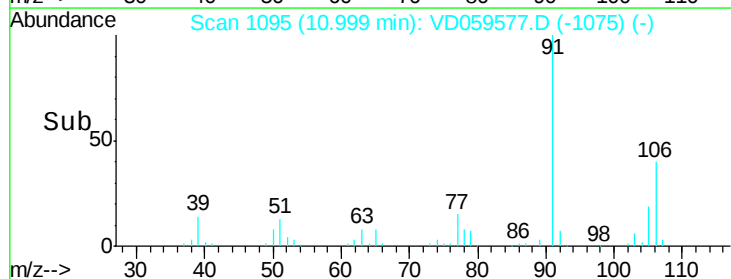
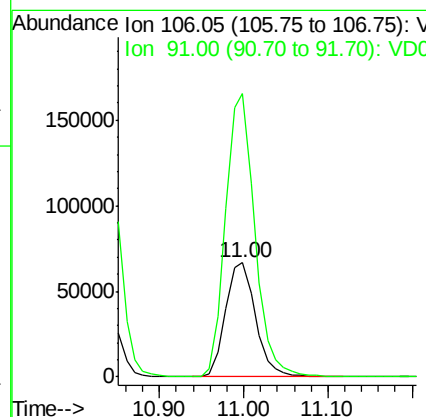
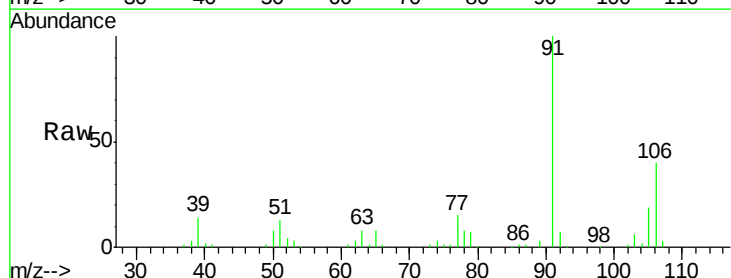
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

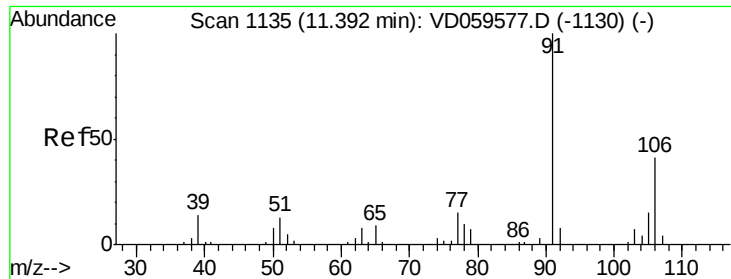
Tgt Ion: 91 Resp: 253982
Ion Ratio Lower Upper
91 100
106 27.0 21.6 32.4



#68
m/p-Xylenes
Concen: 103.258 ug/l
RT: 11.00 min Scan# 1095
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion: 106 Resp: 165299
Ion Ratio Lower Upper
106 100
91 247.8 198.2 297.4

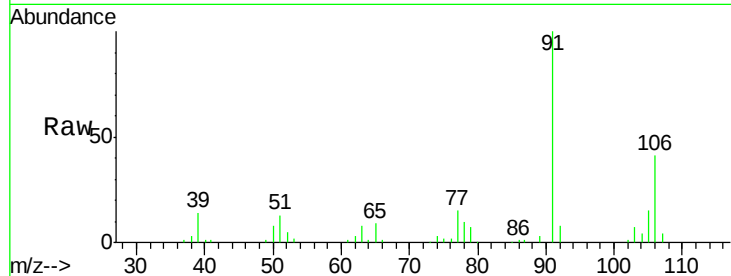




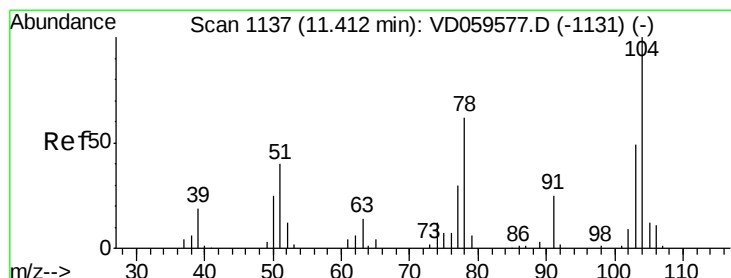
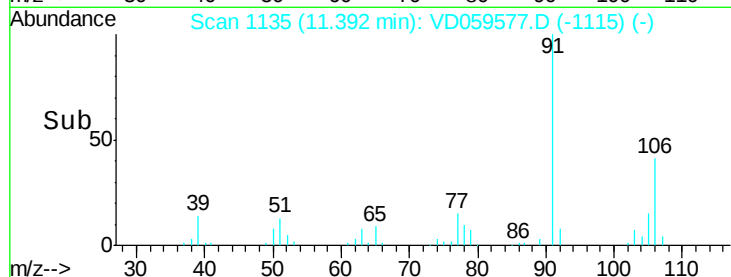
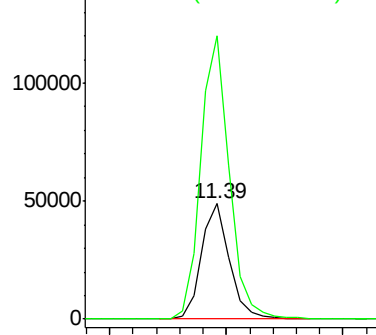
#69
o-Xylene
Concen: 52.178 ug/l
RT: 11.39 min Scan# 1135
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 81268
Ion Ratio Lower Upper
106 100
91 245.4 122.7 368.1

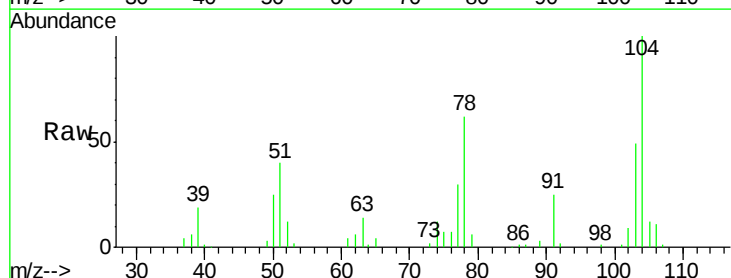


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

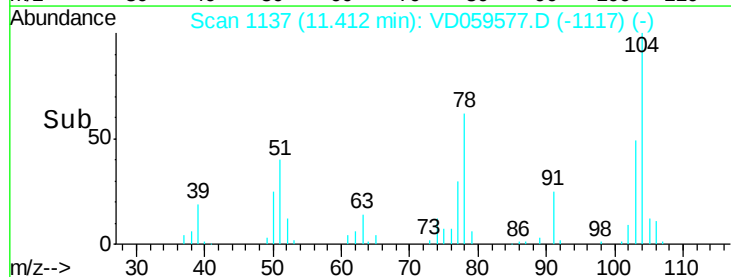
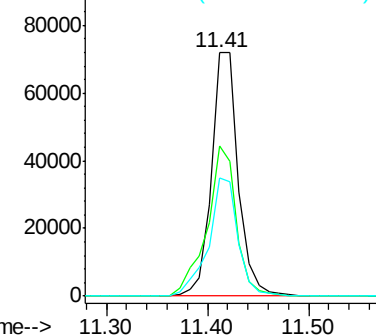


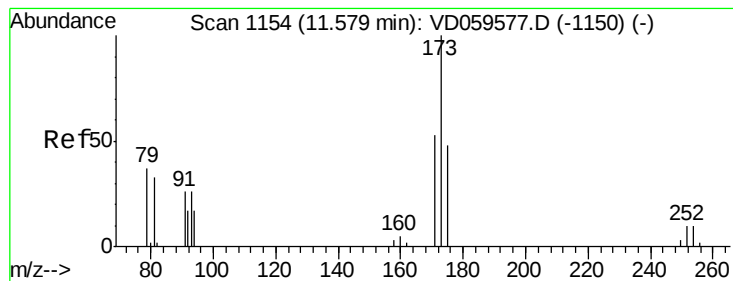
#70
Styrene
Concen: 51.503 ug/l
RT: 11.41 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion:104 Resp: 132557
Ion Ratio Lower Upper
104 100
78 61.7 49.4 74.0
103 48.8 39.0 58.6



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





#71

Bromoform

Concen: 47.550 ug/l

RT: 11.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

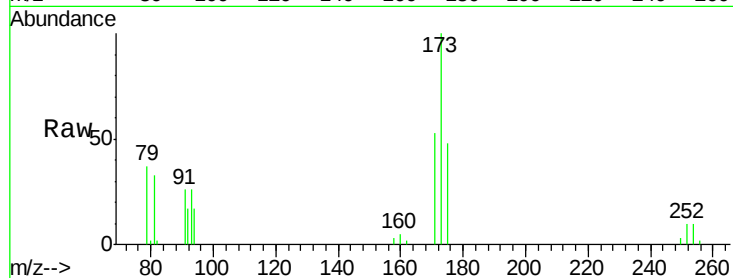
Tgt Ion:173 Resp: 54796

Ion Ratio Lower Upper

173 100

175 47.6 23.8 71.4

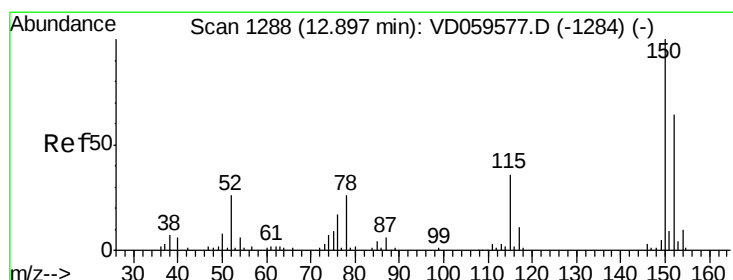
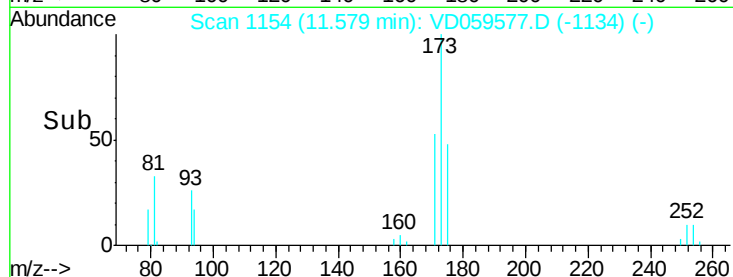
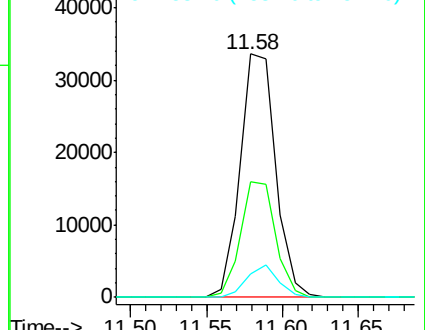
254 9.7 7.8 11.6



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: 12.90 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

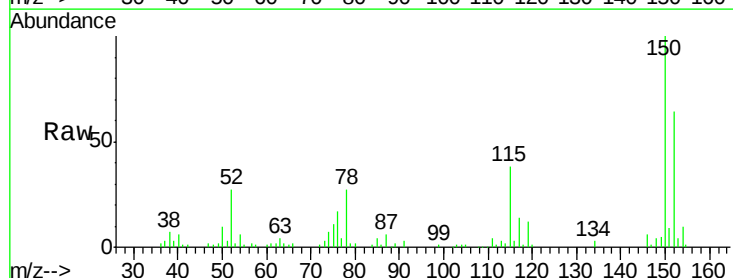
Tgt Ion:152 Resp: 76757

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.6

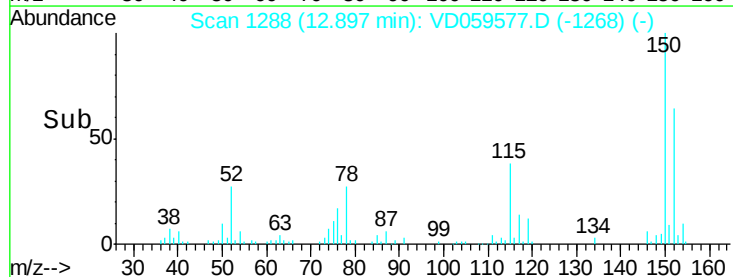
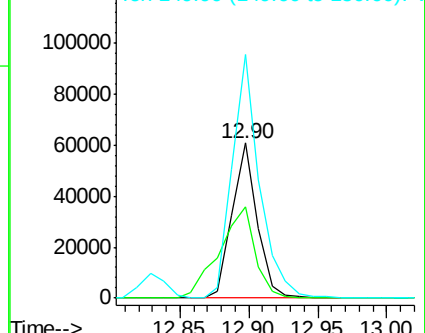
150 157.2 0.0 314.4

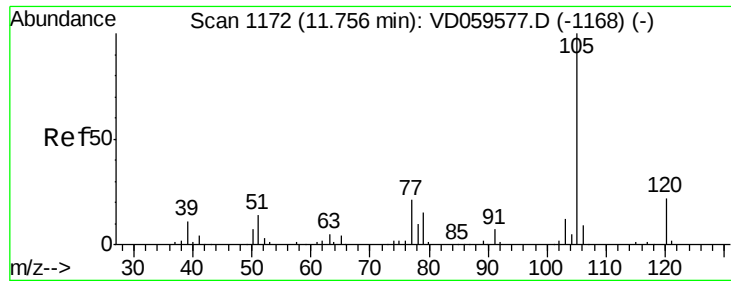


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.563 ug/l

RT: 11.76 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

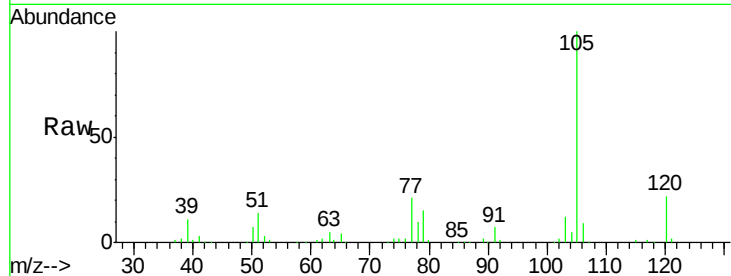
VSTDICCC050

Tgt Ion: 105 Resp: 236763

Ion Ratio Lower Upper

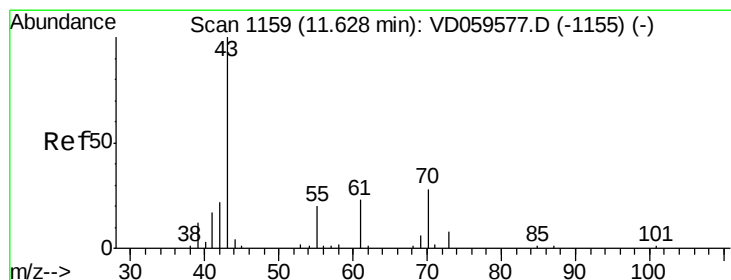
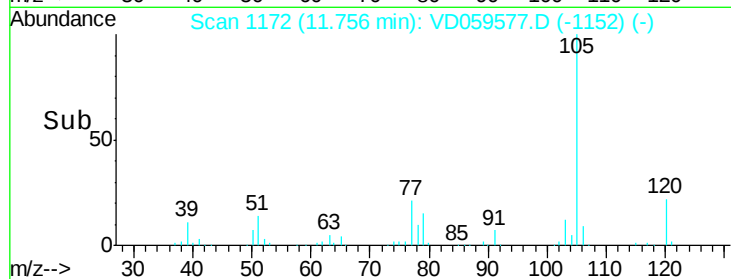
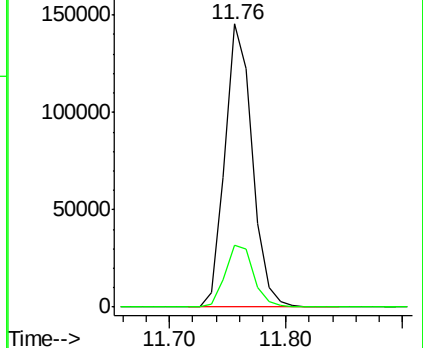
105 100

120 21.8 10.9 32.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 76.806 ug/l

RT: 11.63 min Scan# 1159

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Tgt Ion: 43 Resp: 84477

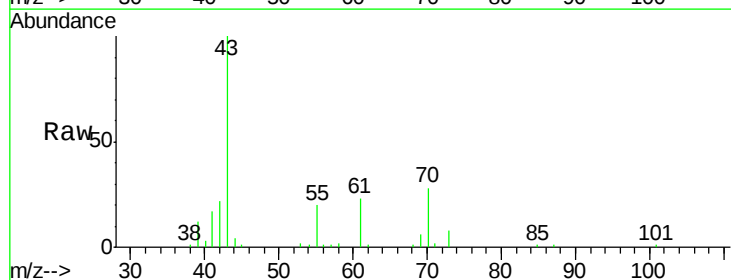
Ion Ratio Lower Upper

43 100

70 27.5 22.0 33.0

55 20.2 16.2 24.2

61 23.2 18.6 27.8

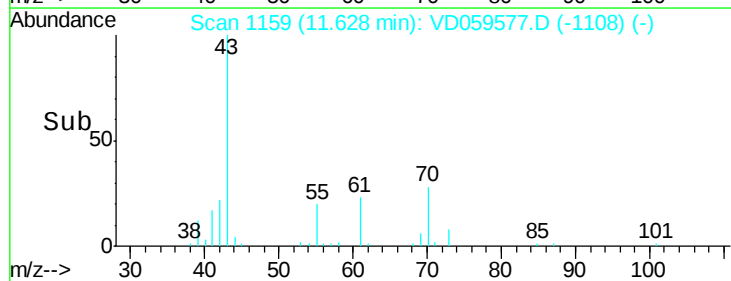
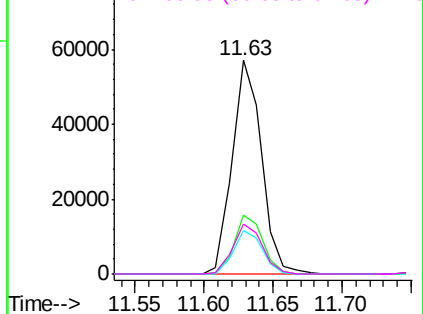


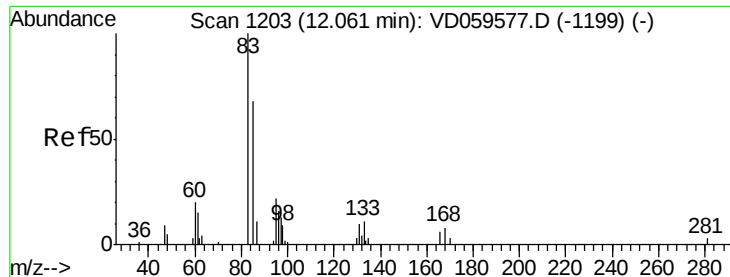
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 63.315 ug/l

RT: 12.06 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

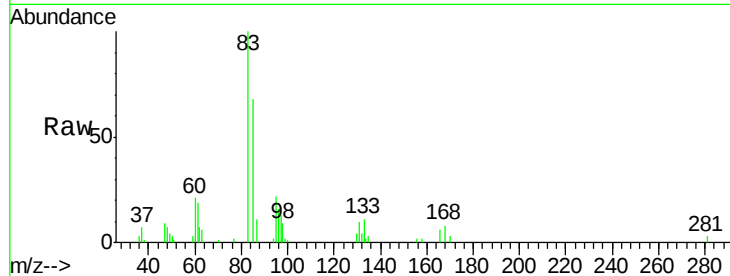
Tgt Ion: 83 Resp: 52475

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

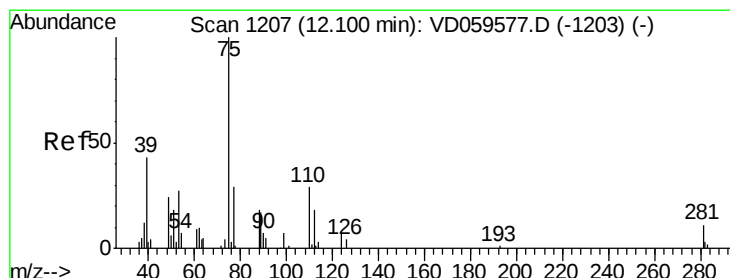
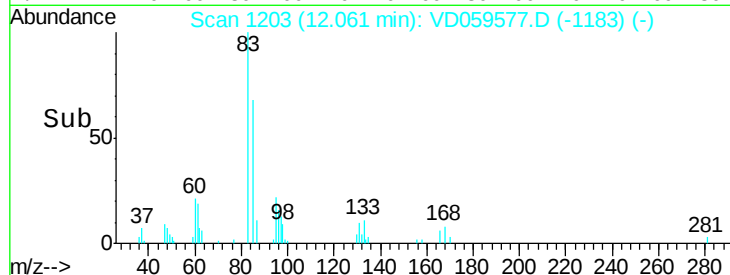
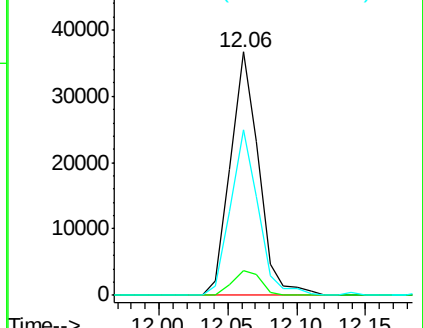
85 68.2 34.1 102.3



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: 71.389 ug/l

RT: 12.10 min Scan# 1207

Delta R.T. 0.00 min

Lab File: VD059577.D

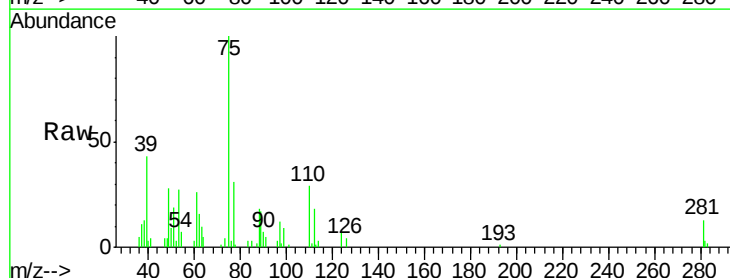
Acq: 24 Jul 2018 18:16

Tgt Ion: 75 Resp: 60985

Ion Ratio Lower Upper

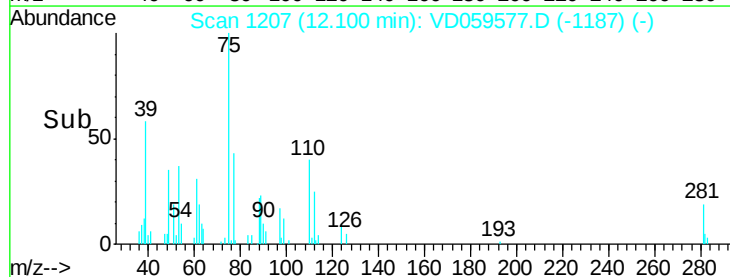
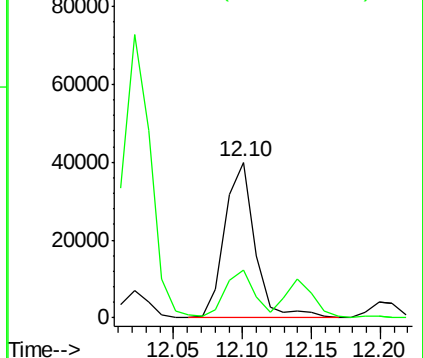
75 100

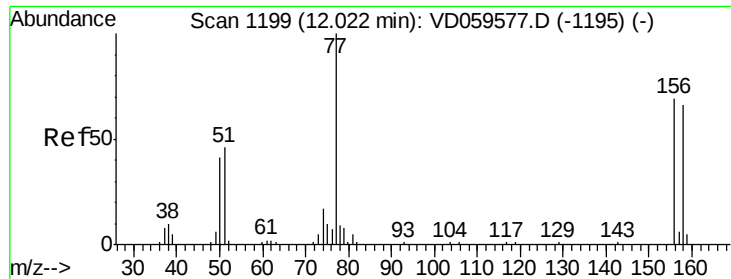
77 31.1 15.6 46.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 47.119 ug/l

RT: 12.02 min Scan# 1199

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

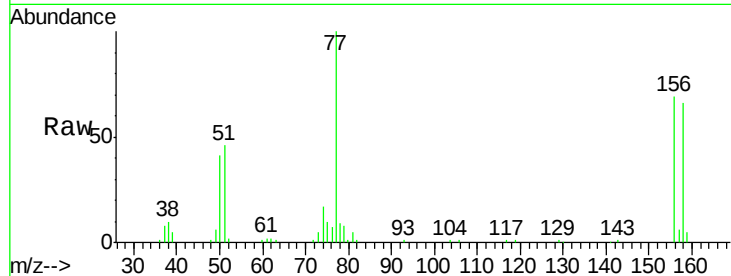
Tgt Ion: 156 Resp: 75709

Ion Ratio Lower Upper

156 100

77 144.8 72.4 217.2

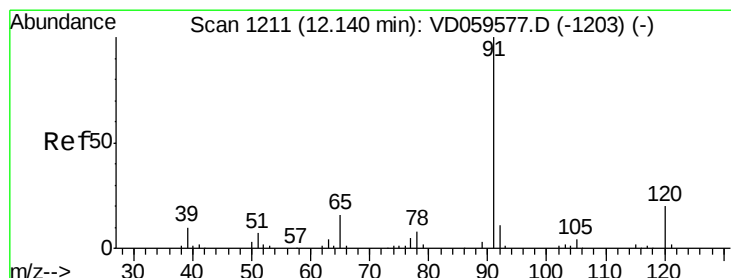
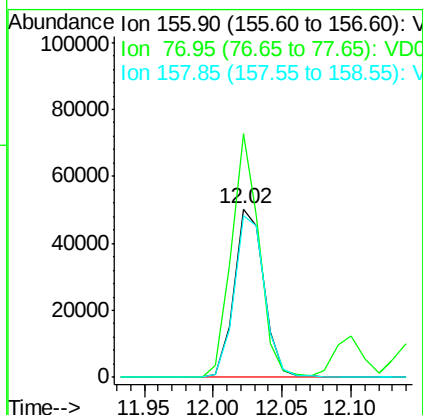
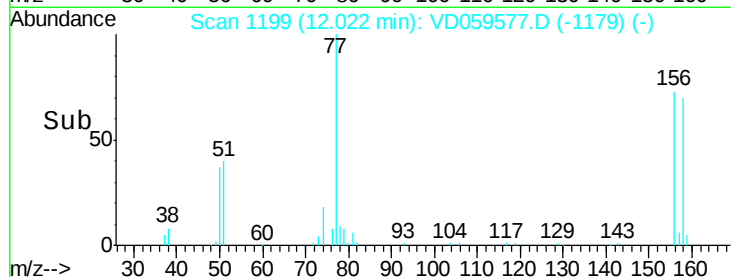
158 96.1 48.0 144.2



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 63.720 ug/l

RT: 12.14 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VD059577.D

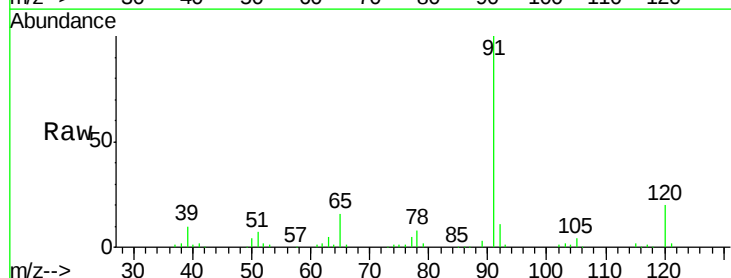
Acq: 24 Jul 2018 18:16

Tgt Ion: 91 Resp: 303315

Ion Ratio Lower Upper

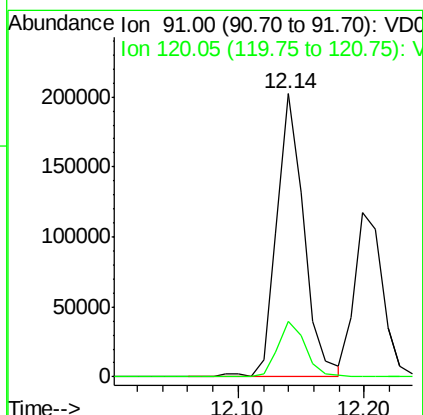
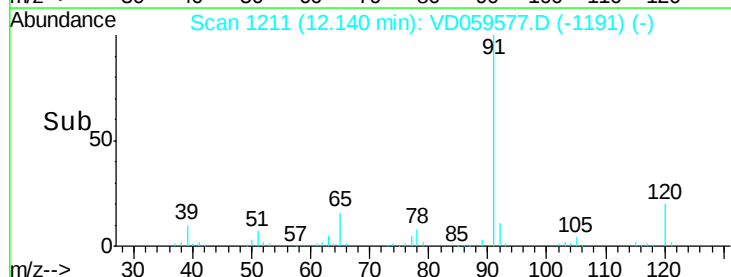
91 100

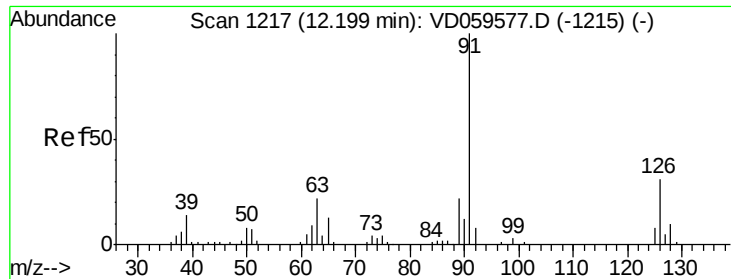
120 19.8 9.9 29.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 64.684 ug/l

RT: 12.20 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD059577.D

Acq: 24 Jul 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

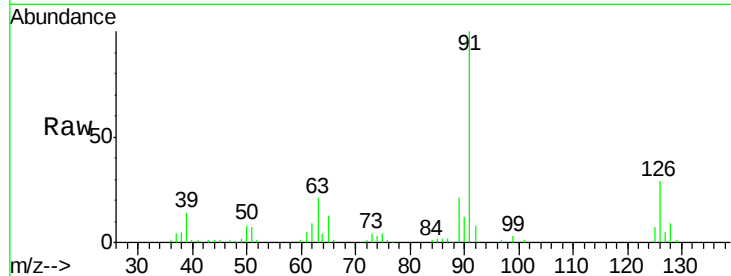
VSTDICCC050

Tgt Ion: 91 Resp: 183250

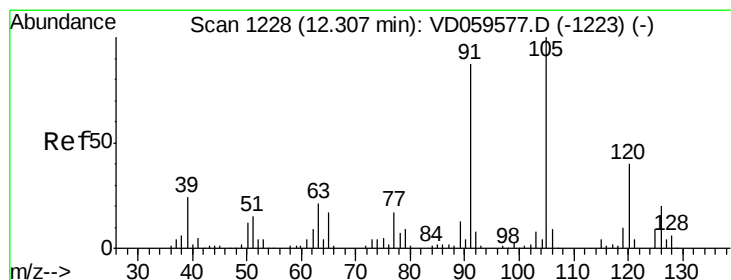
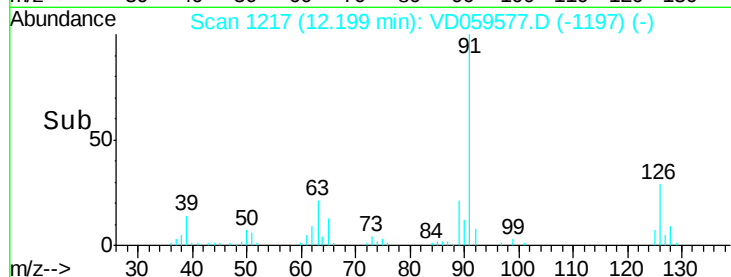
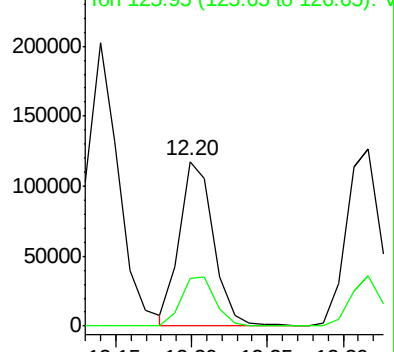
Ion Ratio Lower Upper

91 100

126 29.1 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 62.097 ug/l

RT: 12.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VD059577.D

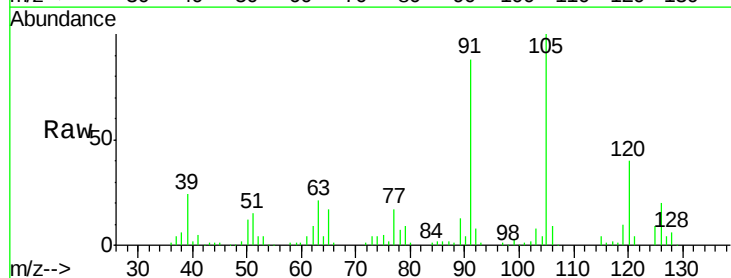
Acq: 24 Jul 2018 18:16

Tgt Ion: 105 Resp: 197587

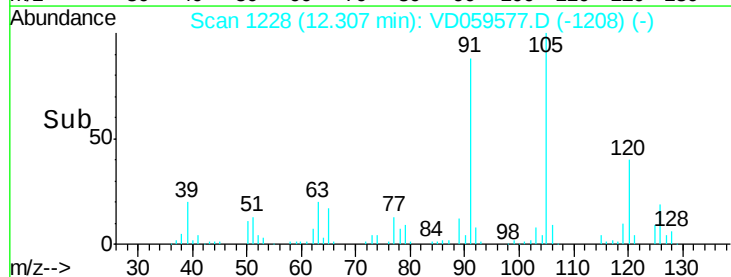
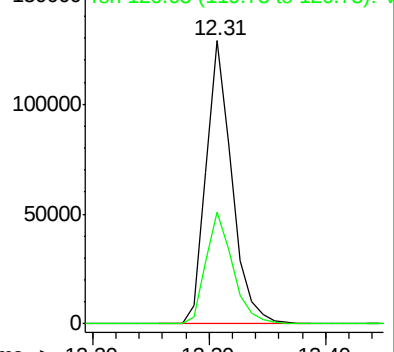
Ion Ratio Lower Upper

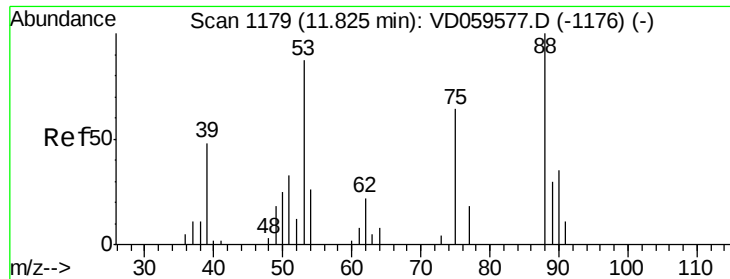
105 100

120 39.7 19.9 59.6



Abundance Ion 105.05 (104.75 to 105.75): V

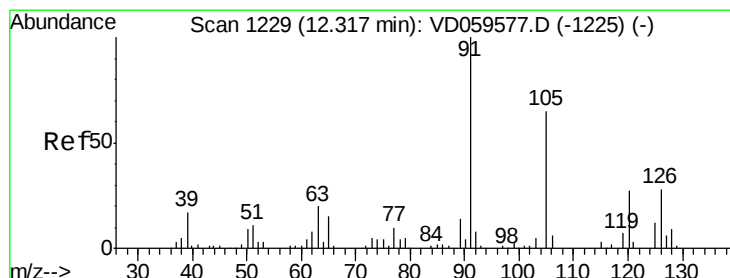
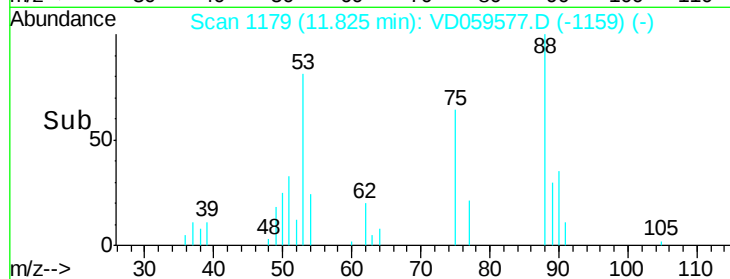
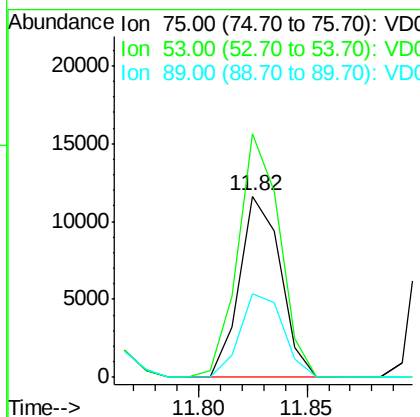
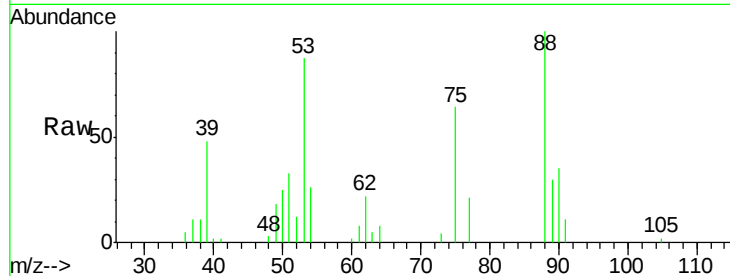




#81
trans-1,4-Dichloro-2-butene
Concen: 82.793 ug/l
RT: 11.82 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

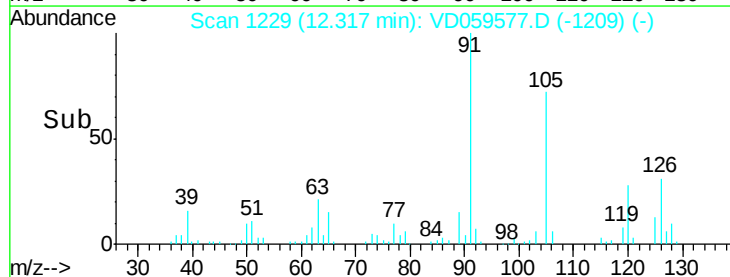
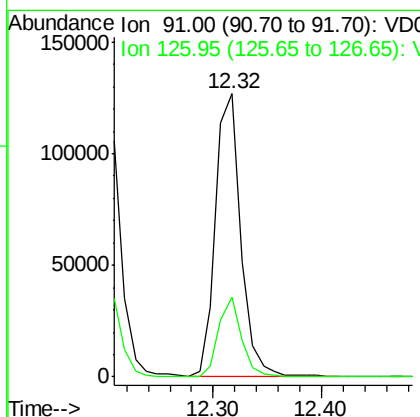
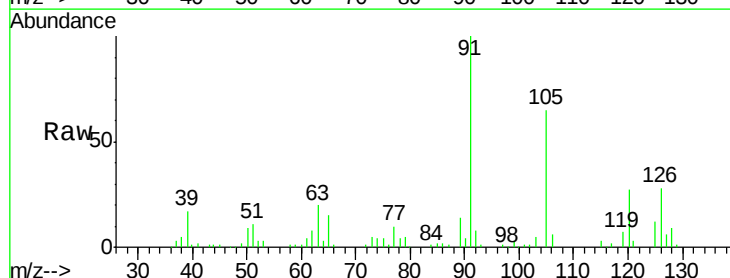
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

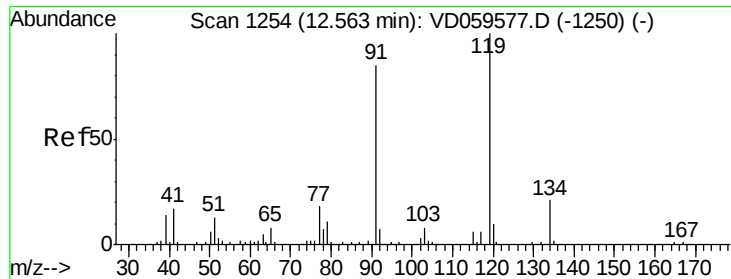
Tgt Ion: 75 Resp: 15463
Ion Ratio Lower Upper
75 100
53 134.6 107.7 161.5
89 46.6 37.3 55.9



#82
4-Chlorotoluene
Concen: 65.400 ug/l
RT: 12.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion: 91 Resp: 206048
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4

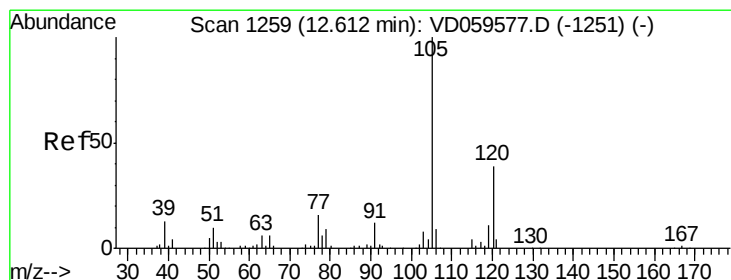
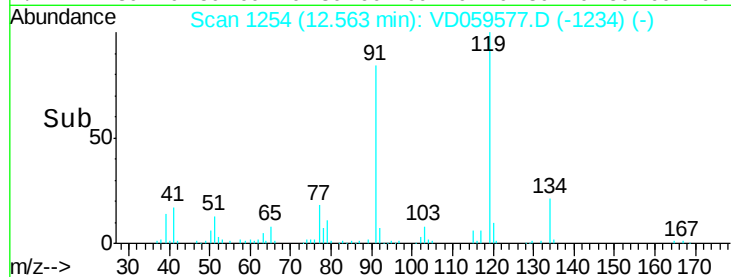
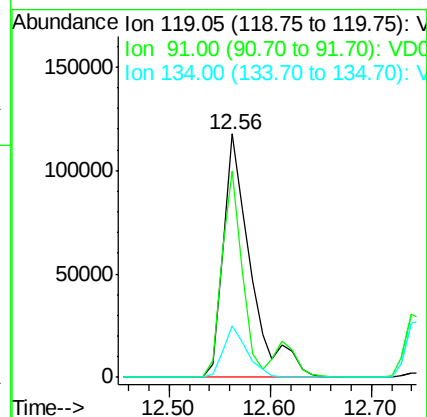
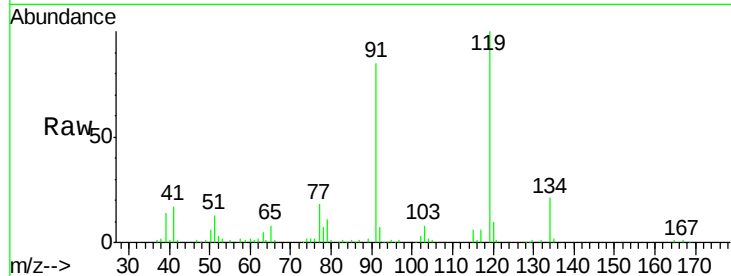




#83
 tert-Butylbenzene
 Concen: 64.139 ug/l
 RT: 12.56 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

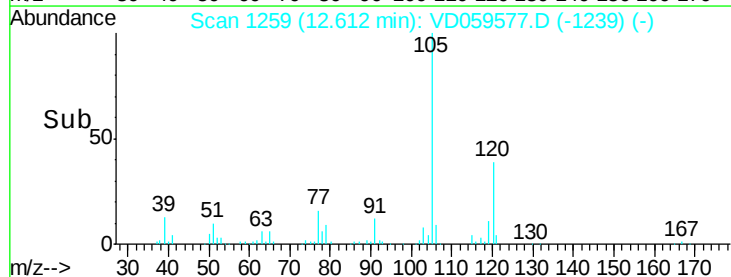
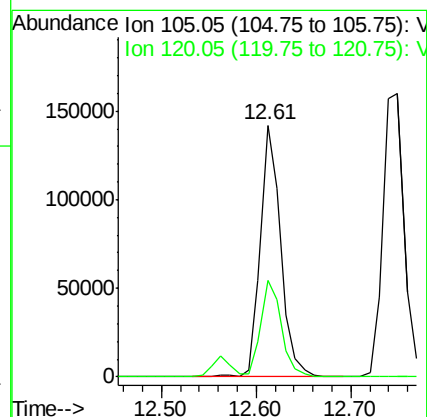
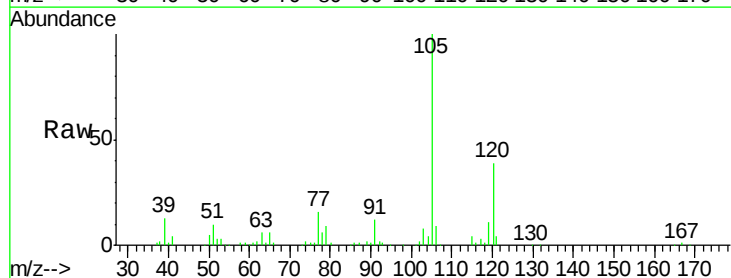
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

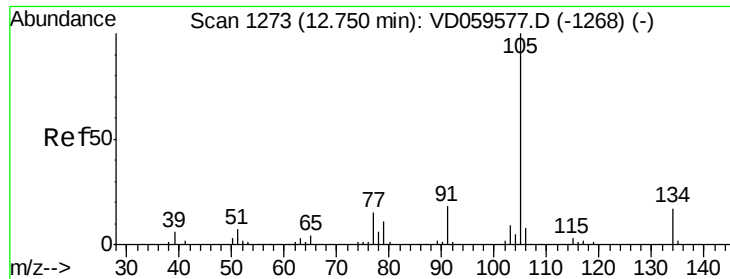
Tgt Ion:119 Resp: 223521
 Ion Ratio Lower Upper
 119 100
 91 85.0 42.5 127.5
 134 21.1 10.5 31.6



#84
 1,2,4-Trimethylbenzene
 Concen: 64.486 ug/l
 RT: 12.61 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Tgt Ion:105 Resp: 213058
 Ion Ratio Lower Upper
 105 100
 120 38.6 19.3 57.9

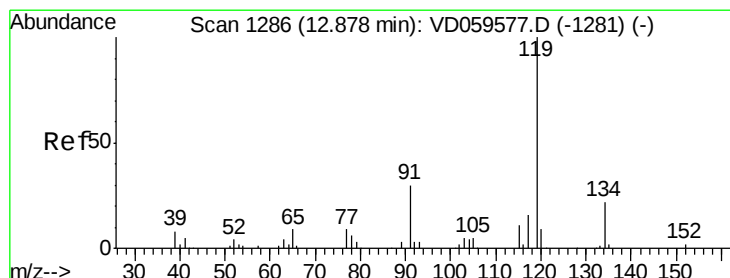
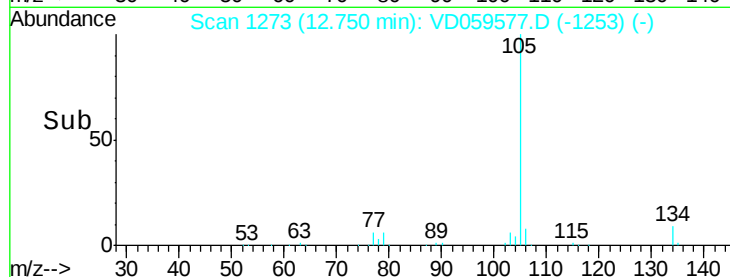
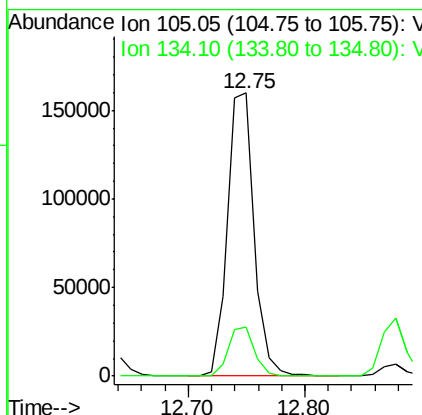
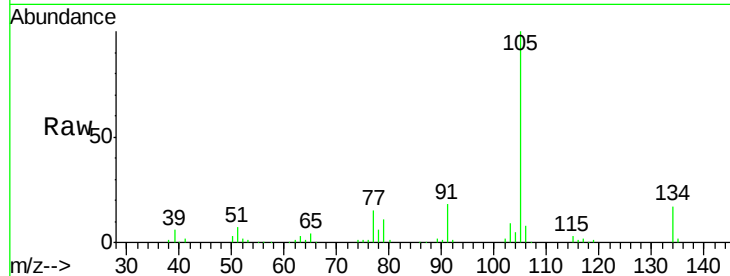




#85
 sec-Butylbenzene
 Concen: 64.345 ug/l
 RT: 12.75 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

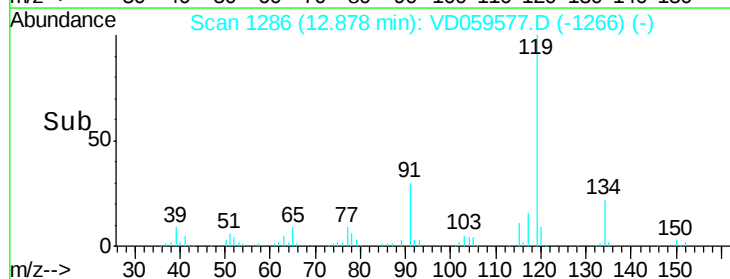
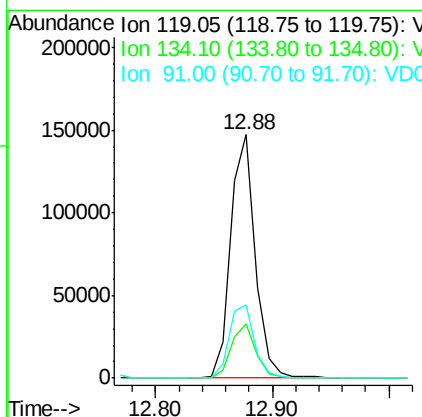
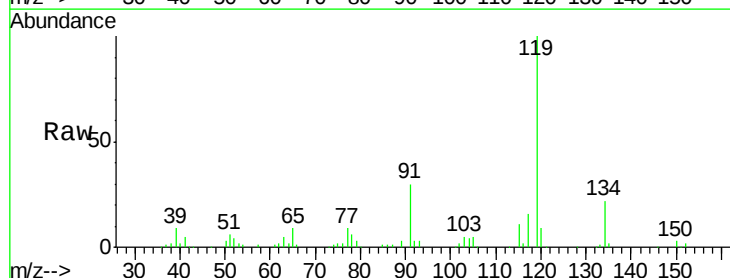
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

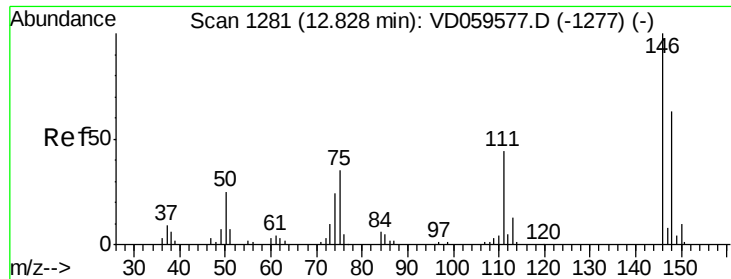
Tgt Ion:105 Resp: 253133
 Ion Ratio Lower Upper
 105 100
 134 17.5 8.8 26.2



#86
 p-Isopropyltoluene
 Concen: 59.172 ug/l
 RT: 12.88 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Tgt Ion:119 Resp: 213008
 Ion Ratio Lower Upper
 119 100
 134 22.4 11.2 33.6
 91 30.1 15.0 45.1

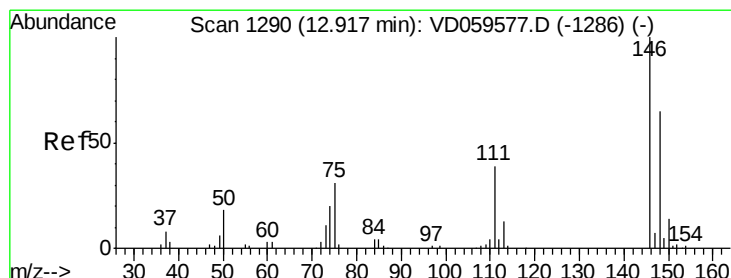
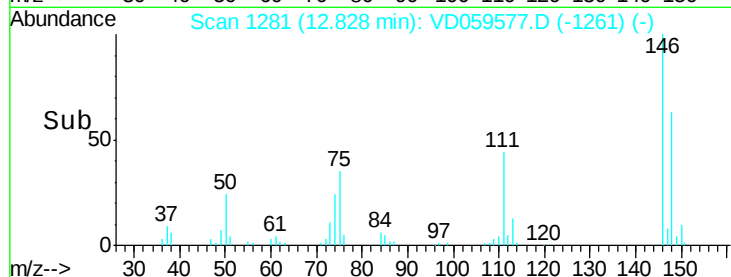
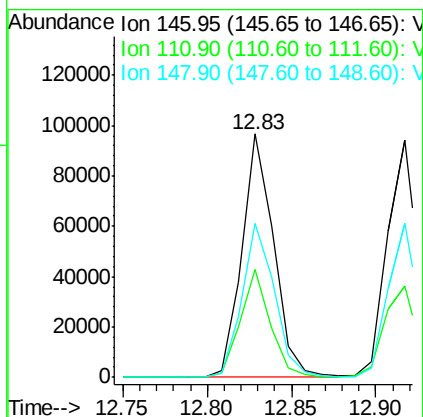
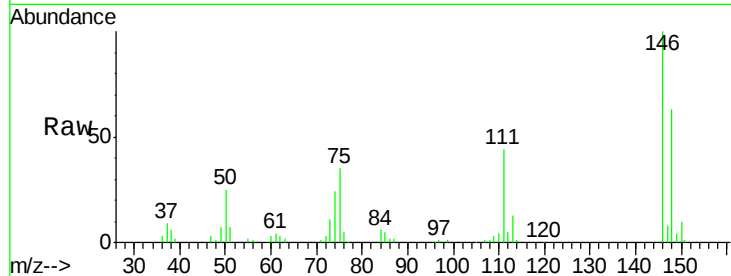




#87
 1,3-Dichlorobenzene
 Concen: 48.665 ug/l
 RT: 12.83 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

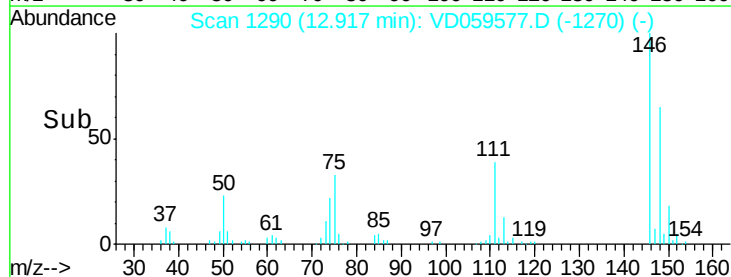
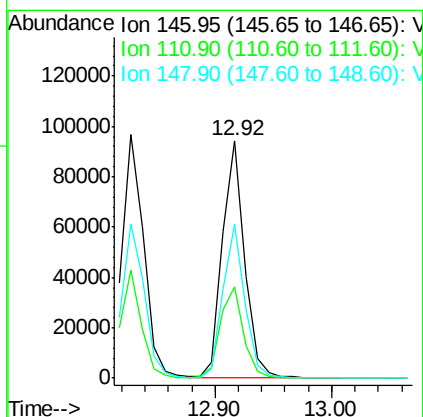
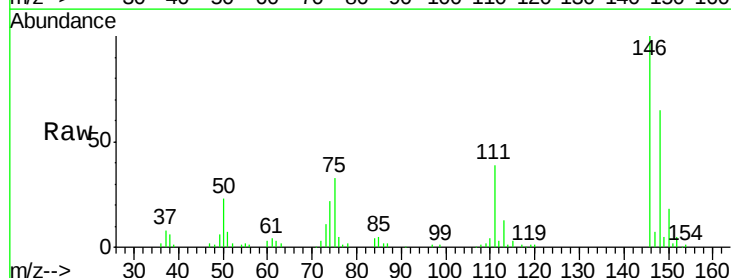
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

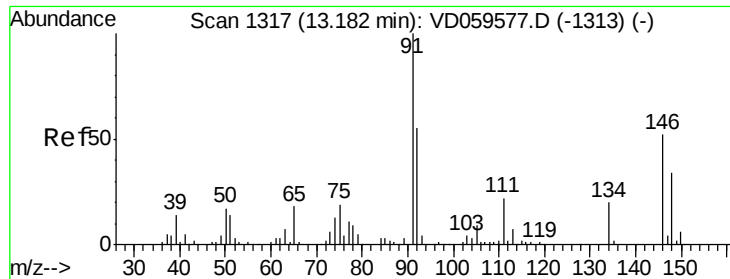
Tgt Ion:146 Resp: 126600
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.2 66.6
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.875 ug/l
 RT: 12.92 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Tgt Ion:146 Resp: 124598
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 64.8 32.4 97.2

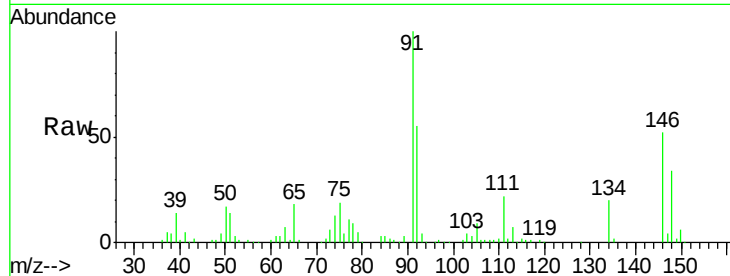




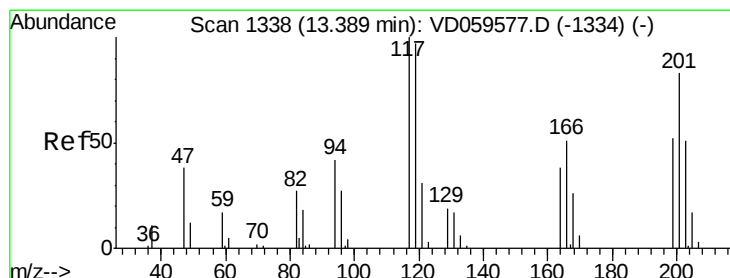
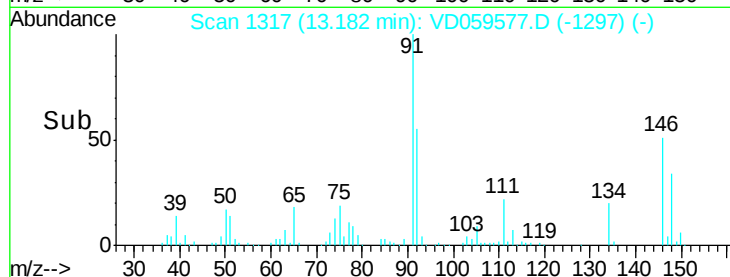
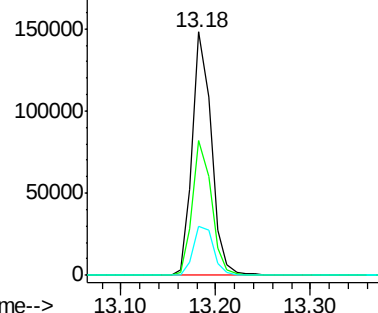
#89
n-Butylbenzene
Concen: 68.999 ug/l
RT: 13.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 207556
Ion Ratio Lower Upper
91 100
92 55.1 27.6 82.7
134 20.2 10.1 30.3

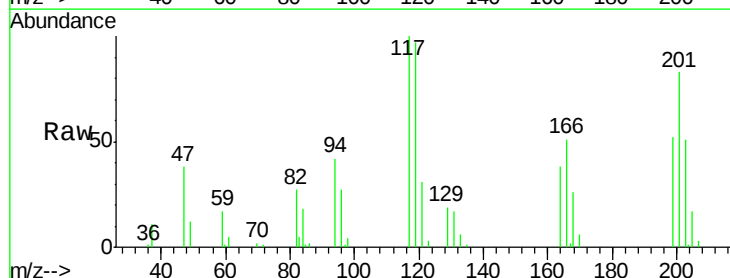


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

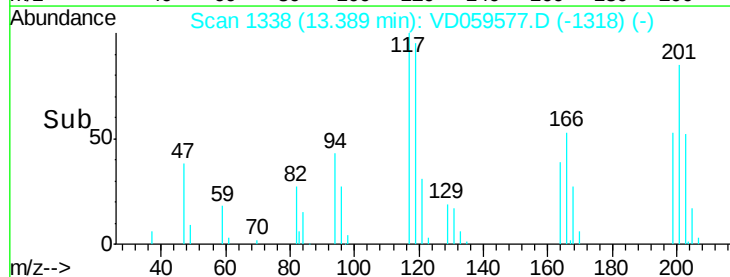
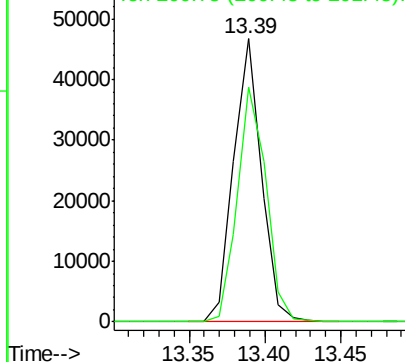


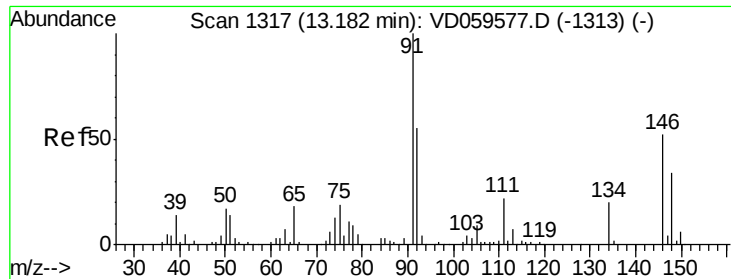
#90
Hexachloroethane
Concen: 61.540 ug/l
RT: 13.39 min Scan# 1338
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion: 117 Resp: 59326
Ion Ratio Lower Upper
117 100
201 83.0 41.5 124.5



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V

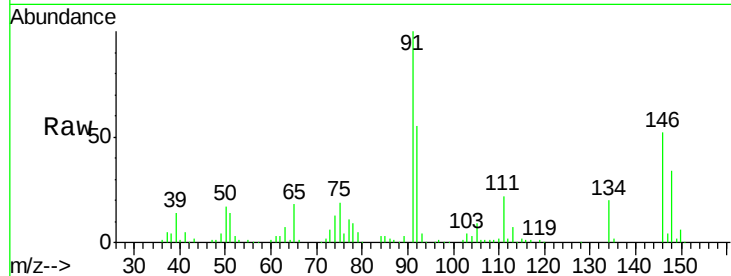




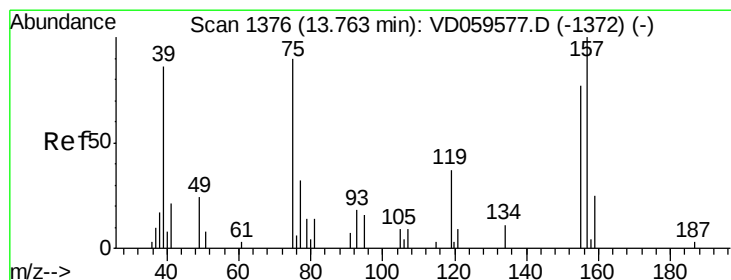
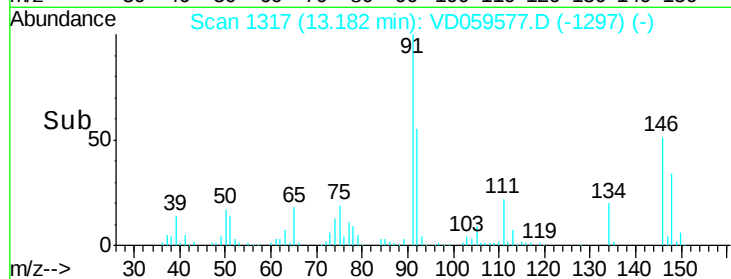
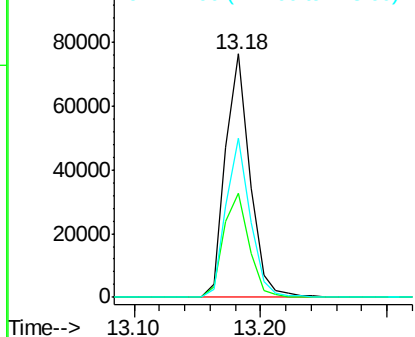
#91
 1,2-Dichlorobenzene
 Concen: 47.507 ug/l
 RT: 13.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 146 Resp: 102211
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 65.3 32.6 98.0

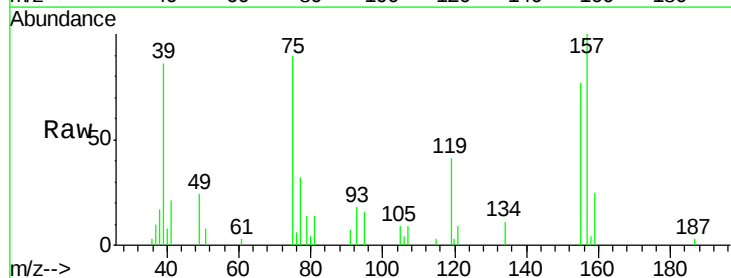


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

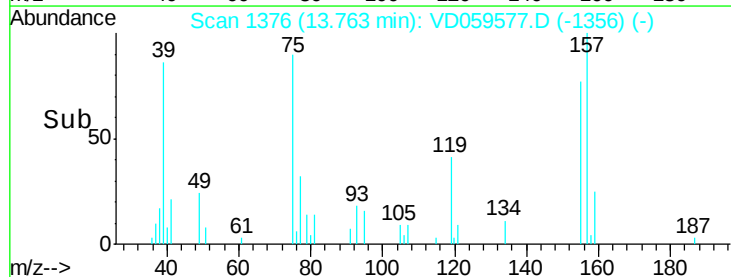
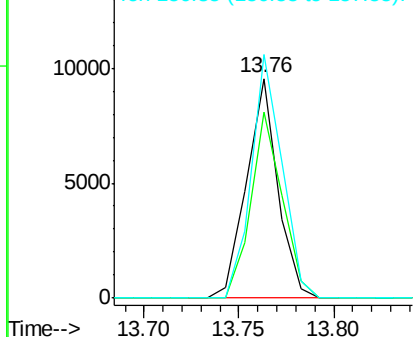


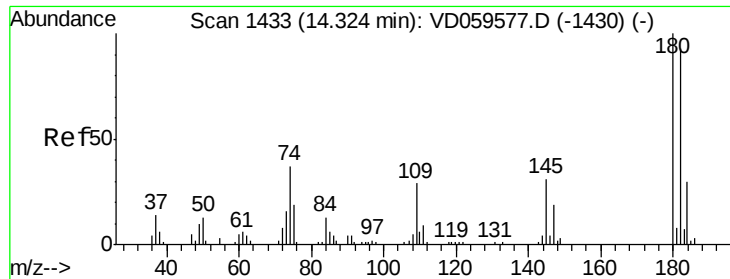
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 78.238 ug/l
 RT: 13.76 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Tgt Ion: 75 Resp: 10875
 Ion Ratio Lower Upper
 75 100
 155 85.0 42.5 127.5
 157 110.9 55.5 166.3



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

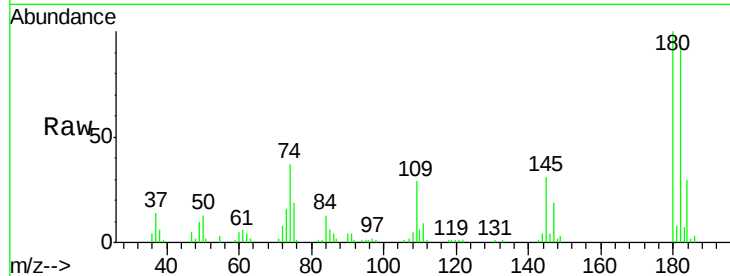




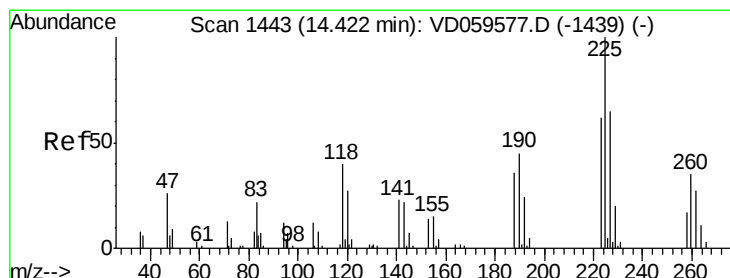
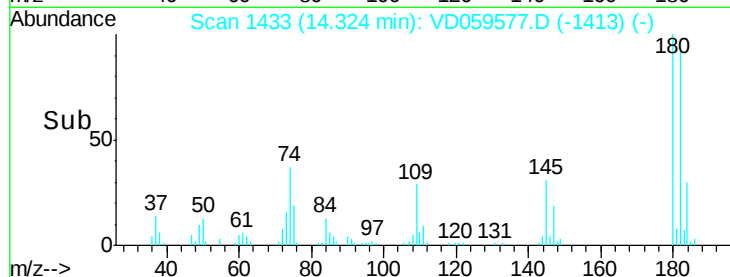
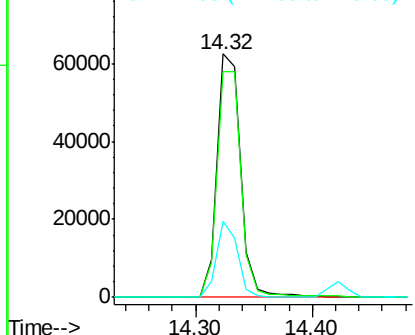
#93
 1,2,4-Trichlorobenzene
 Concen: 46.773 ug/l
 RT: 14.32 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 87434
 Ion Ratio Lower Upper
 180 100
 182 92.8 46.4 139.2
 145 31.3 15.7 47.0

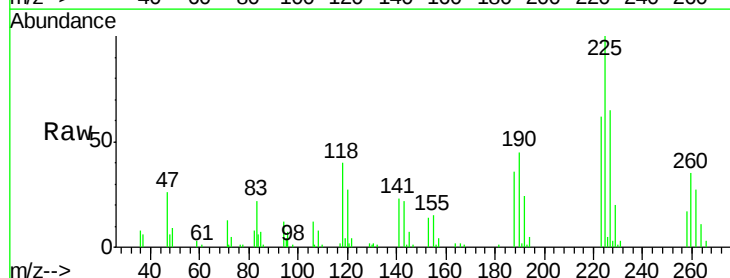


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

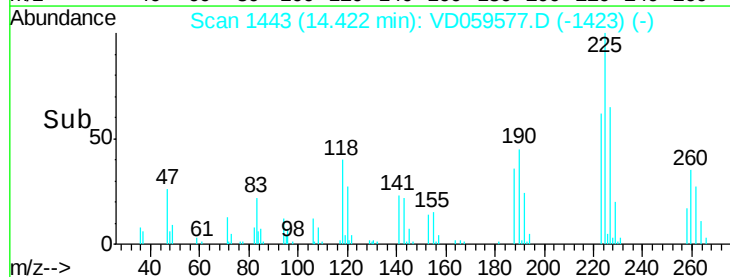
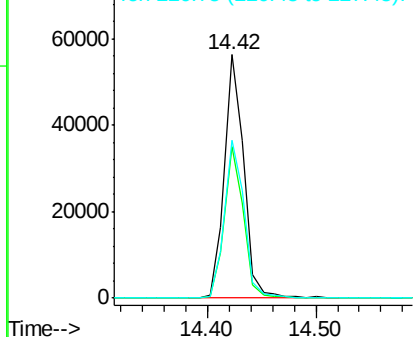


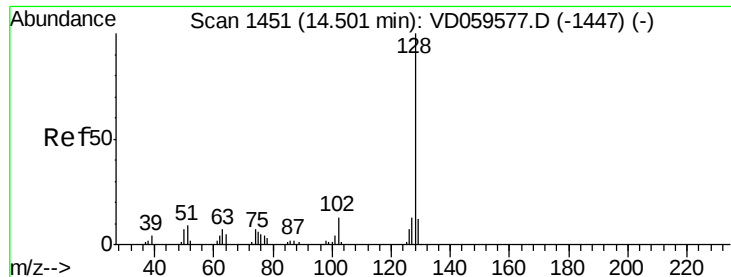
#94
 Hexachlorobutadiene
 Concen: 51.205 ug/l
 RT: 14.42 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD059577.D
 Acq: 24 Jul 2018 18:16

Tgt Ion:225 Resp: 70300
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 64.8 32.4 97.2



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

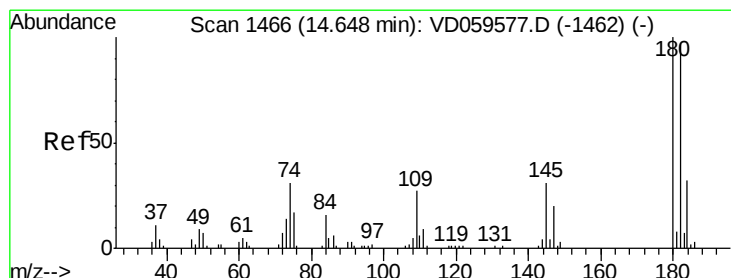
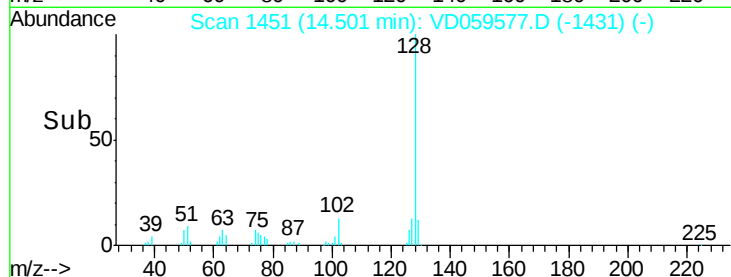
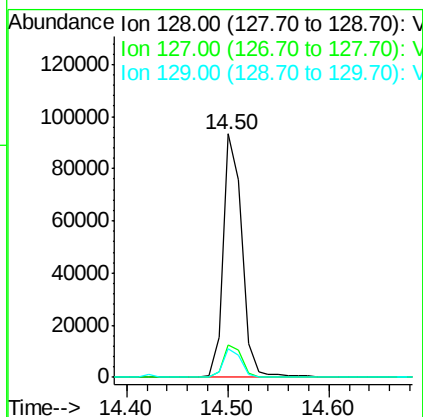
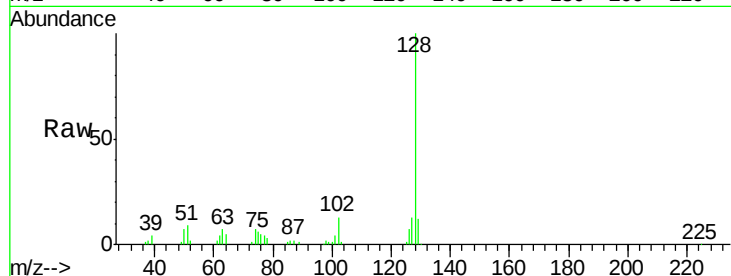




#95
Naphthalene
Concen: 53.190 ug/l
RT: 14.50 min Scan# 1451
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 120462
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.6 9.3 13.9



#96
1,2,3-Trichlorobenzene
Concen: 46.405 ug/l
RT: 14.65 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VD059577.D
Acq: 24 Jul 2018 18:16

Tgt Ion:180 Resp: 77204
Ion Ratio Lower Upper
180 100
182 97.3 48.6 145.9
145 31.1 15.6 46.7

