

Data File : VD058202.D
Acq On : 19 Jun 2018 19:10
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

Quant Time: Jun 20 05:53:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	911155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1204390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	924141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	502743	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	505203	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
35) Dibromofluoromethane	5.54	113	524455	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	8.70	98	1233975	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.93	95	514528	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.33	85	427751	50.231	ug/l	98
3) Chloromethane	1.48	50	215661	54.643	ug/l	93
4) Vinyl Chloride	1.55	62	237645	49.788	ug/l	99
5) Bromomethane	1.79	94	93746	60.926	ug/l	99
6) Chloroethane	1.87	64	98857	57.652	ug/l	98
7) Trichlorofluoromethane	2.08	101	320910	49.034	ug/l	95
8) Diethyl Ether	2.34	74	72719	52.533	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.55	101	209272	50.299	ug/l	98
10) Methyl Iodide	2.69	142	246339	52.053	ug/l	94
11) Tert butyl alcohol	3.19	59	9479	31.228	ug/l	96
12) 1,1-Dichloroethene	2.54	96	157965	50.462	ug/l	93
13) Acrolein	2.46	56	33943	195.885	ug/l	87
14) Allyl chloride	2.92	41	364075	49.971	ug/l	95
15) Acrylonitrile	3.36	53	209421	260.197	ug/l	94
16) Acetone	2.61	43	294845	234.259	ug/l #	89
17) Carbon Disulfide	2.75	76	527101	49.492	ug/l	100
18) Methyl Acetate	2.94	43	130755	48.712	ug/l	100
19) Methyl tert-butyl Ether	3.40	73	459215	55.309	ug/l	98
20) Methylene Chloride	3.06	84	175788	53.868	ug/l	96
21) trans-1,2-Dichloroethene	3.38	96	173059	50.585	ug/l	89
22) Diisopropyl ether	4.07	45	1459686	50.444	ug/l	97
23) Vinyl Acetate	4.02	43	4134692	266.553	ug/l	100
24) 1,1-Dichloroethane	3.97	63	779088	49.976	ug/l	97
25) 2-Butanone	4.84	43	659014	240.234	ug/l	97
26) 2,2-Dichloropropane	4.80	77	623738	47.783	ug/l	96
27) cis-1,2-Dichloroethene	4.80	96	423802	49.572	ug/l	99
28) Bromochloromethane	5.14	49	363075	51.954	ug/l	95
29) Tetrahydrofuran	5.19	42	365366	250.225	ug/l	99
30) Chloroform	5.32	83	810566	49.251	ug/l	96
31) Cyclohexane	5.58	56	583020	51.686	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	693352	50.989	ug/l	97
36) 1,1-Dichloropropene	5.74	75	559748	46.980	ug/l	96
37) Ethyl Acetate	4.92	43	352878	51.982	ug/l	99
38) Carbon Tetrachloride	5.72	117	592907	50.083	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	543342	46.820	ug/l	97
40) Benzene	6.01	78	1297410	45.713	ug/l	98
41) Methacrylonitrile	5.12	41	168914	51.529	ug/l	98
42) 1,2-Dichloroethane	6.13	62	572232	50.003	ug/l	99
43) Isopropyl Acetate	7.62	43	455220	50.298	ug/l	98
44) Trichloroethene	6.98	130	404516	47.465	ug/l	97
45) 1,2-Dichloropropane	7.35	63	368101	48.158	ug/l	96
46) Dibromomethane	7.46	93	253533	48.589	ug/l	96
47) Bromodichloromethane	7.74	83	603484	50.718	ug/l	98
48) Methyl methacrylate	7.50	41	266194	48.394	ug/l	96
49) 1,4-Dioxane	7.48	88	51812	1043.491	ug/l	94
51) 4-Methyl-2-Pentanone	8.60	43	1454454	246.378	ug/l	98
52) Toluene	8.80	92	751401	46.495	ug/l	100
53) t-1,3-Dichloropropene	9.19	75	520695	50.332	ug/l	97
54) cis-1,3-Dichloropropene	8.36	75	586373	48.348	ug/l	93
55) 1,1,2-Trichloroethane	9.45	97	270255	47.266	ug/l	99
56) Ethyl methacrylate	9.31	69	336648	49.231	ug/l	96
57) 1,3-Dichloropropane	9.67	76	462945	48.066	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.19	63	862716	254.849	ug/l	95
59) 2-Hexanone	9.79	43	1078254	252.777	ug/l	98
60) Dibromochloromethane	9.96	129	402858	51.917	ug/l	94
61) 1,2-Dibromoethane	10.09	107	315299	50.383	ug/l	99
64) Tetrachloroethene	9.51	164	395632	50.879	ug/l	94
65) Chlorobenzene	10.72	112	856938	49.573	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.85	131	353393	52.974	ug/l	99
67) Ethyl Benzene	10.86	91	1524267	49.946	ug/l	100
68) m/p-Xylenes	11.02	106	981670	96.458	ug/l	99
69) o-Xylene	11.41	106	477690	49.144	ug/l	95
70) Styrene	11.43	104	834815	50.330	ug/l	96
71) Bromoform	11.60	173	298427	56.078	ug/l	94
73) Isopropylbenzene	11.78	105	1456062	48.420	ug/l	98
74) N-amyl acetate	11.65	43	565242	48.613	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	331594	47.384	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	345560	47.078	ug/l	97
77) Bromobenzene	12.04	156	441720	49.054	ug/l	89
78) n-propylbenzene	12.16	91	1821443	46.903	ug/l	99
79) 2-Chlorotoluene	12.22	91	1050915	47.291	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	1081238	46.099	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.84	75	93746	52.366	ug/l	90
82) 4-Chlorotoluene	12.33	91	1110646	51.440	ug/l	94
83) tert-Butylbenzene	12.57	119	1282969	47.577	ug/l	94
84) 1,2,4-Trimethylbenzene	12.62	105	1201811	47.138	ug/l	98
85) sec-Butylbenzene	12.76	105	1479123	46.796	ug/l	98
86) p-Isopropyltoluene	12.89	119	1229741	48.010	ug/l	96
87) 1,3-Dichlorobenzene	12.84	146	745595	47.638	ug/l	95
88) 1,4-Dichlorobenzene	12.93	146	714140	46.725	ug/l	96
89) n-Butylbenzene	13.19	91	1179221	43.805	ug/l	98
90) Hexachloroethane	13.40	117	335016	50.392	ug/l	82
91) 1,2-Dichlorobenzene	13.19	146	588337	44.172	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	61948	55.623	ug/l	68

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061918\
Quantitation Report (Not Reviewed)

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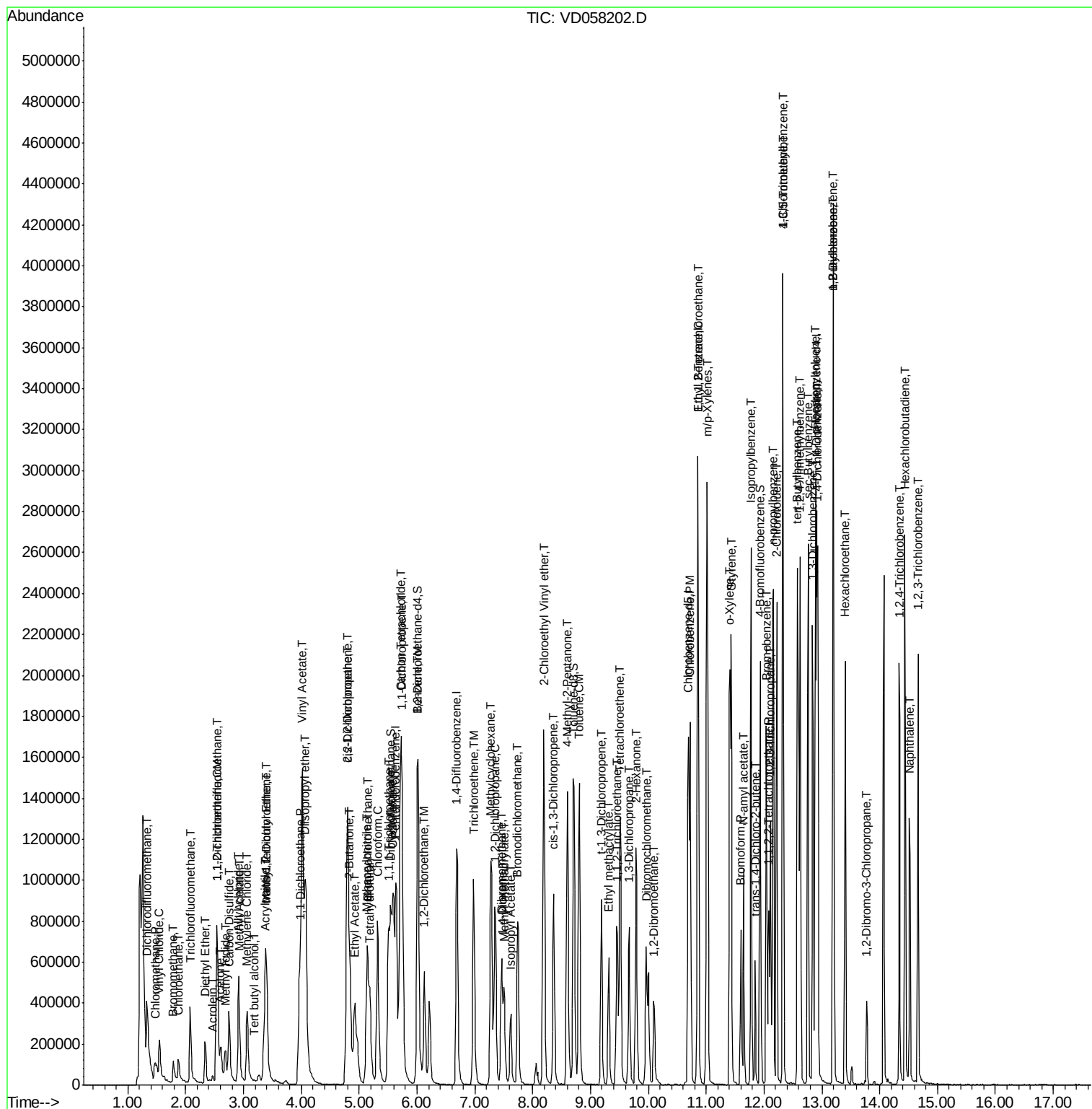
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	598436	46.978	ug/l	98
94) Hexachlorobutadiene	14.43	225	473331	47.506	ug/l	97
95) Naphthalene	14.52	128	804633	47.952	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	524458	47.028	ug/l	97

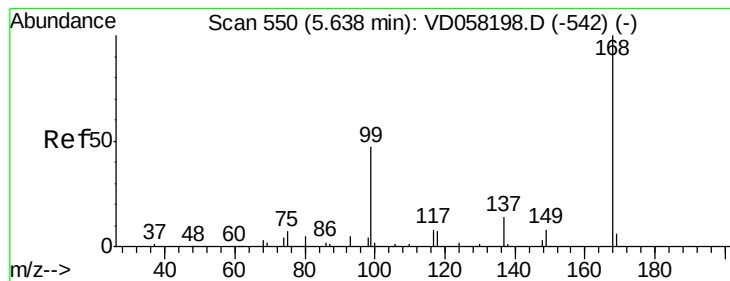
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

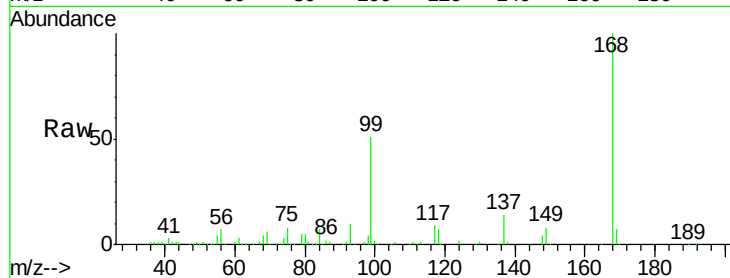
ICVVD061918

Tgt Ion:168 Resp: 911155

Ion Ratio Lower Upper

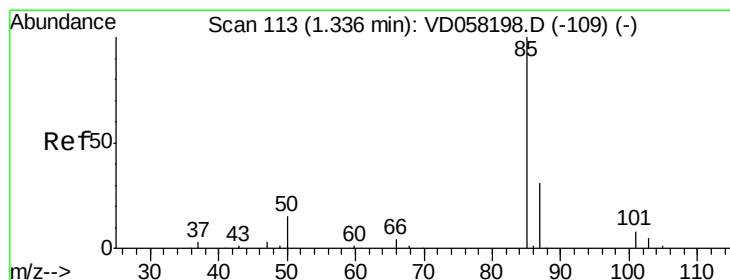
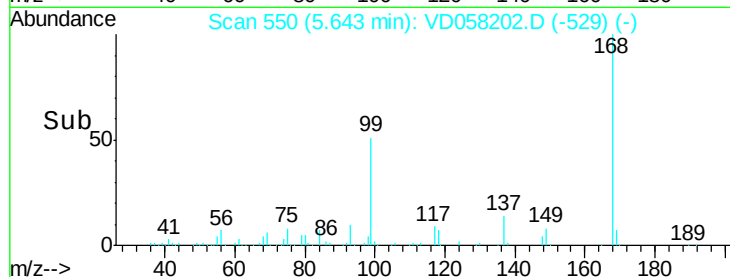
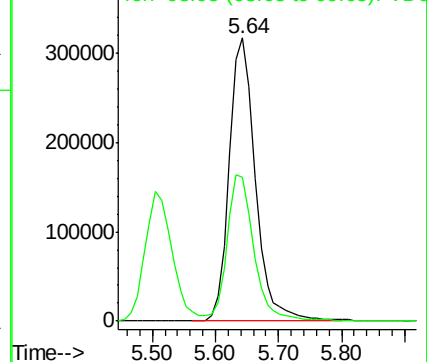
168 100

99 50.7 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 50.231 ug/l

RT: 1.33 min Scan# 112

Delta R.T. -0.00 min

Lab File: VD058202.D

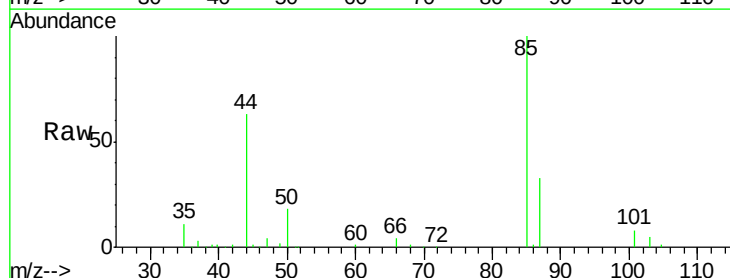
Acq: 19 Jun 2018 19:10

Tgt Ion: 85 Resp: 427751

Ion Ratio Lower Upper

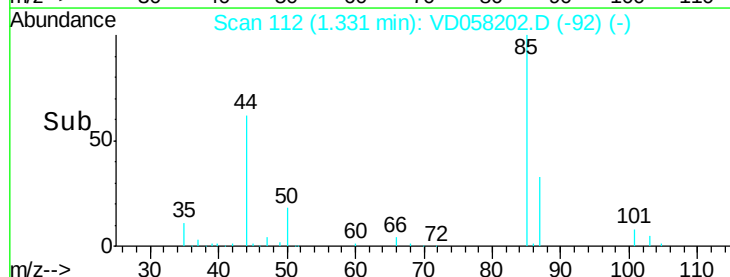
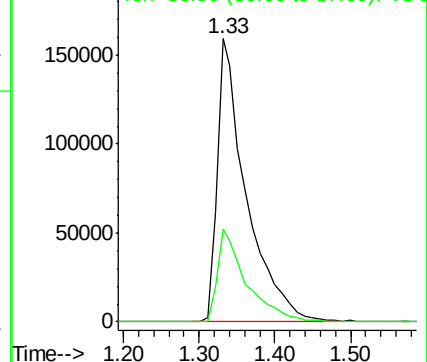
85 100

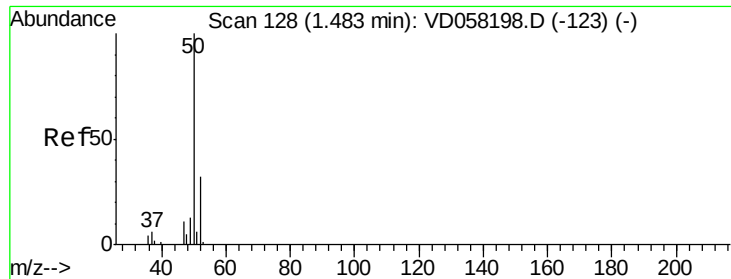
87 32.5 15.7 47.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 54.643 ug/l

RT: 1.48 min Scan# 127

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

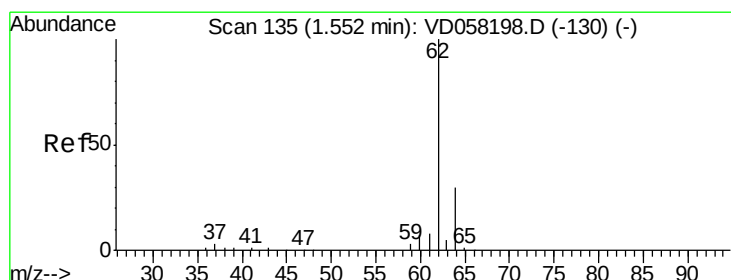
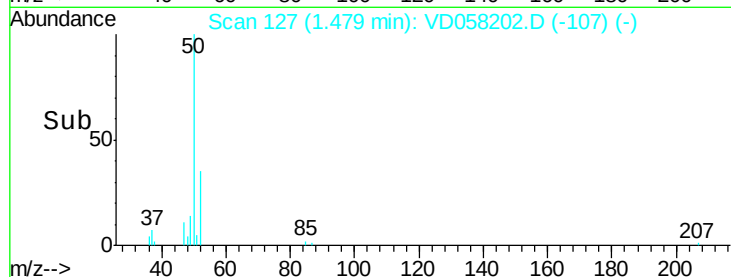
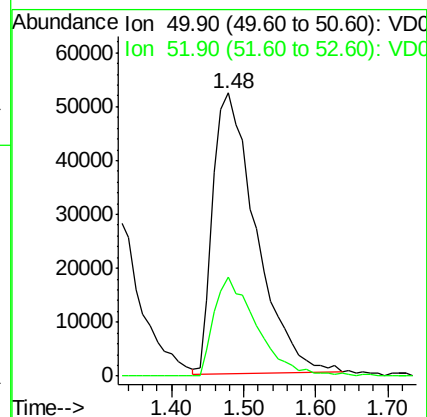
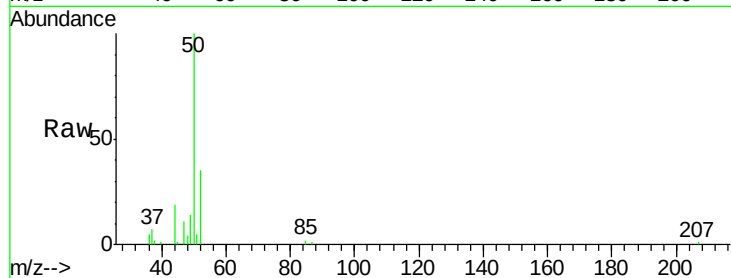
ICVVD061918

Tgt Ion: 50 Resp: 215661

Ion Ratio Lower Upper

50 100

52 35.2 25.0 37.4



#4

Vinyl Chloride

Concen: 49.788 ug/l

RT: 1.55 min Scan# 134

Delta R.T. -0.00 min

Lab File: VD058202.D

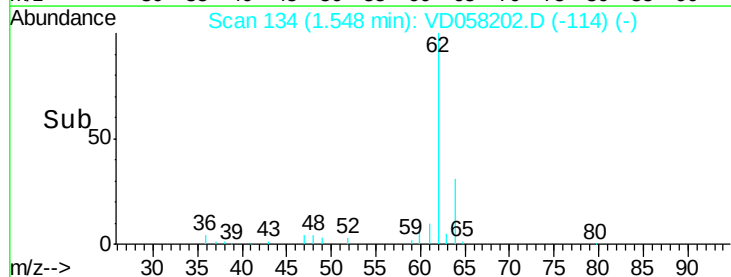
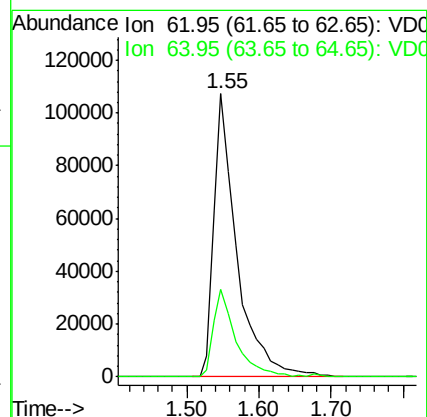
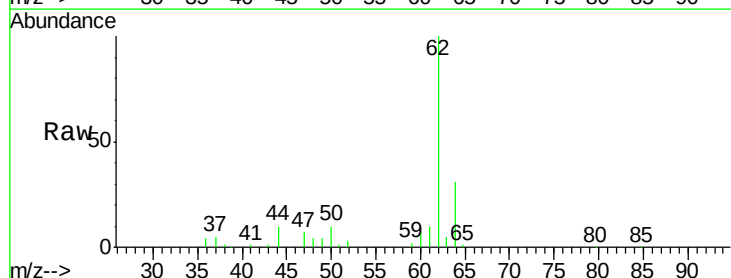
Acq: 19 Jun 2018 19:10

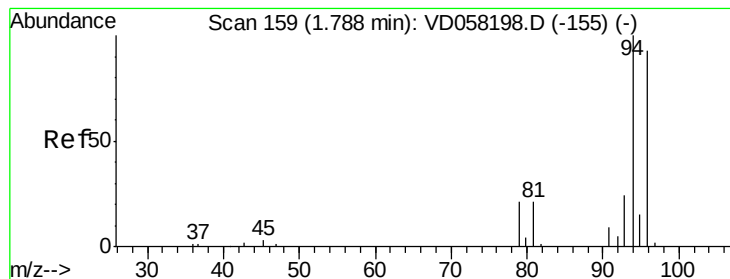
Tgt Ion: 62 Resp: 237645

Ion Ratio Lower Upper

62 100

64 31.1 24.4 36.6





#5

Bromomethane

Concen: 60.926 ug/l

RT: 1.79 min Scan# 159

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

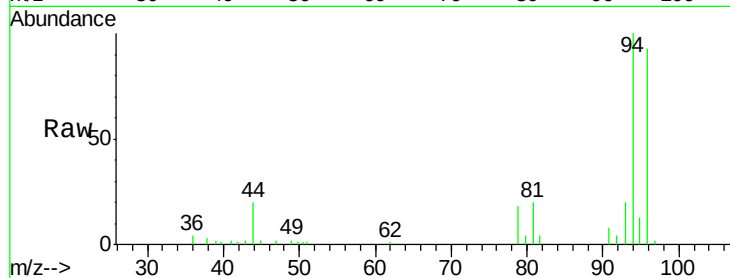
ICVVD061918

Tgt Ion: 94 Resp: 93746

Ion Ratio Lower Upper

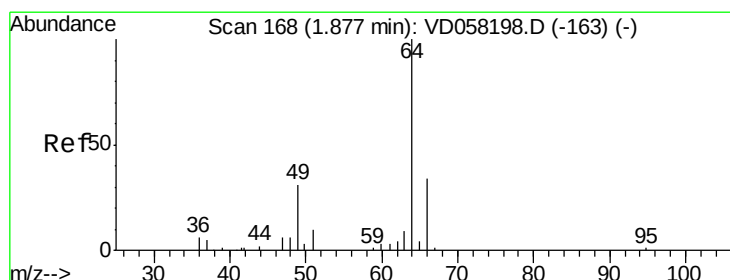
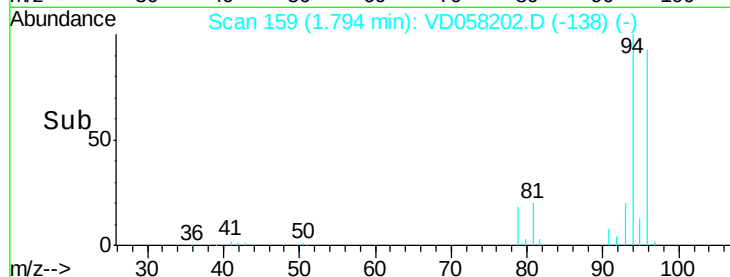
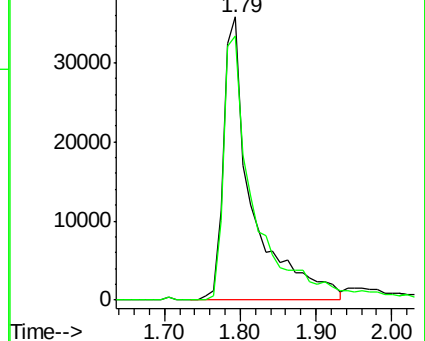
94 100

96 93.4 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 57.652 ug/l

RT: 1.87 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD058202.D

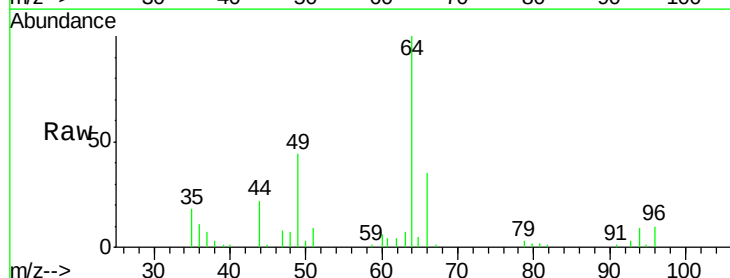
Acq: 19 Jun 2018 19:10

Tgt Ion: 64 Resp: 98857

Ion Ratio Lower Upper

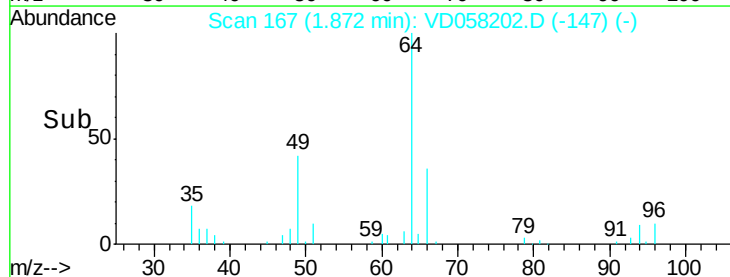
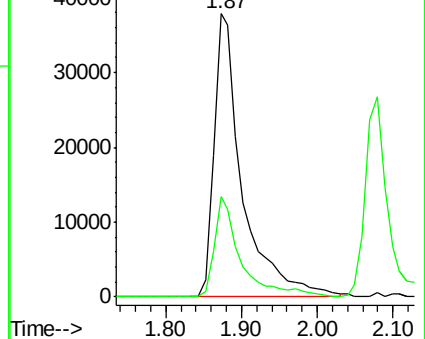
64 100

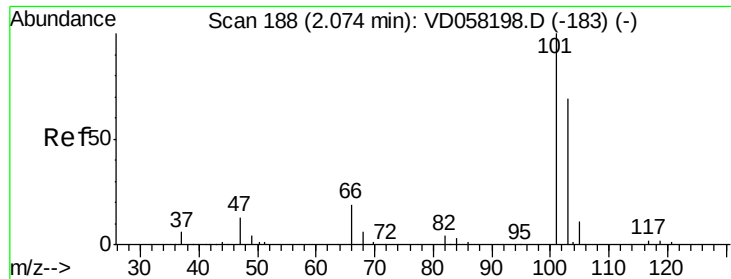
66 35.5 27.3 40.9



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



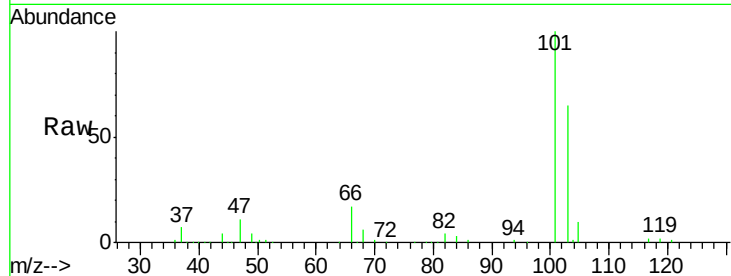


#7

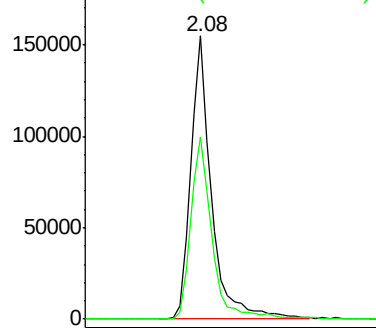
Trichlorofluoromethane
Concen: 49.034 ug/l
RT: 2.08 min Scan# 188
Delta R.T. 0.01 min
Lab File: VD058202.D
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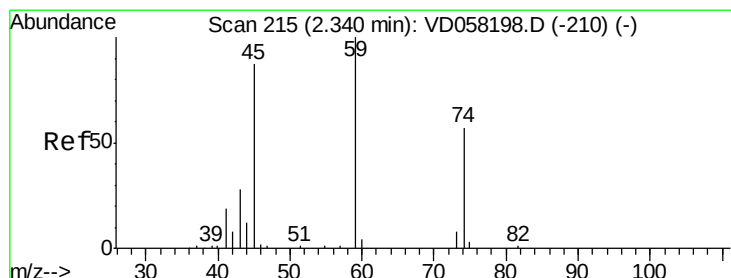
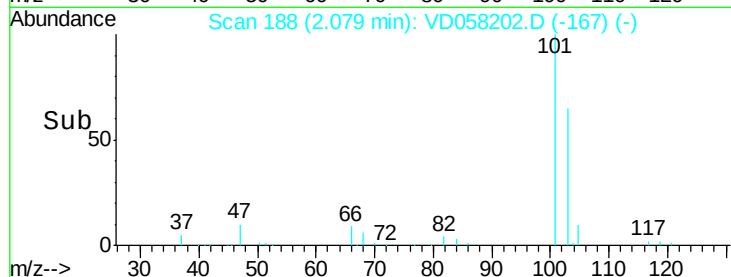
Tgt Ion: 101 Resp: 320910
Ion Ratio Lower Upper
101 100
103 64.6 55.1 82.7



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



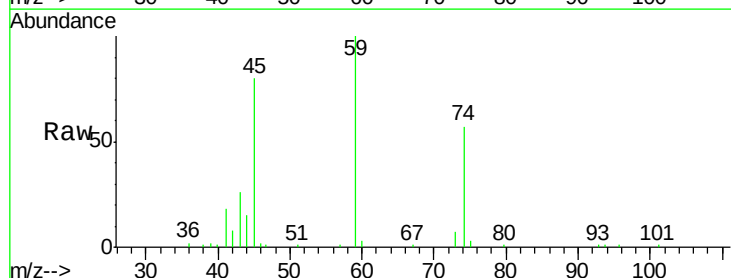
Time-->



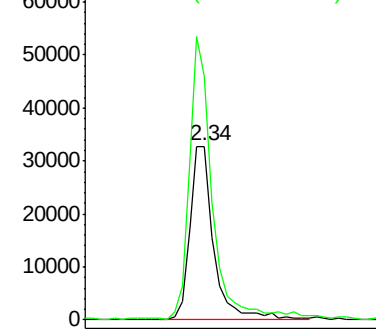
#8

Diethyl Ether
Concen: 52.533 ug/l
RT: 2.34 min Scan# 215
Delta R.T. 0.01 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

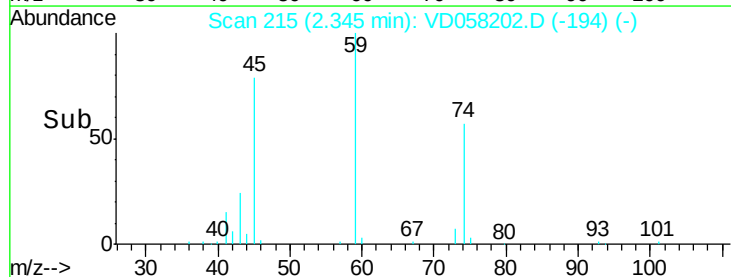
Tgt Ion: 74 Resp: 72719
Ion Ratio Lower Upper
74 100
45 140.3 77.5 232.6

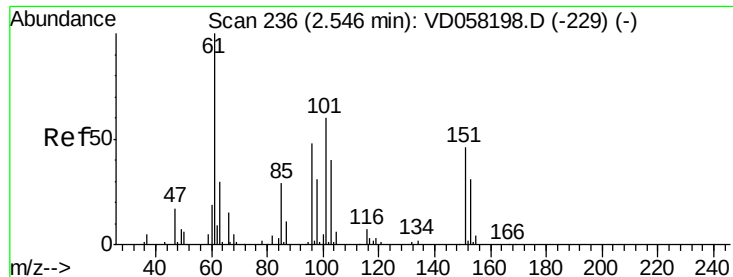


Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.299 ug/l

RT: 2.55 min Scan# 236

Delta R.T. 0.01 min

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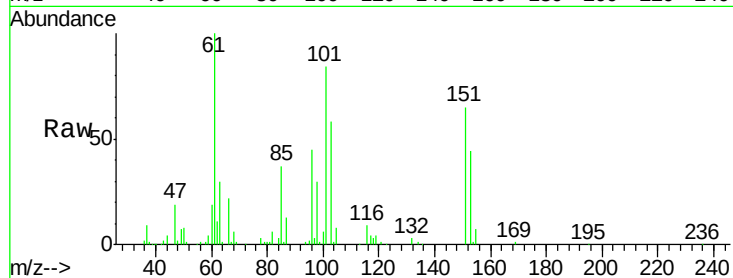
Tgt Ion:101 Resp: 209272

Ion Ratio Lower Upper

101 100

85 44.8 39.0 58.4

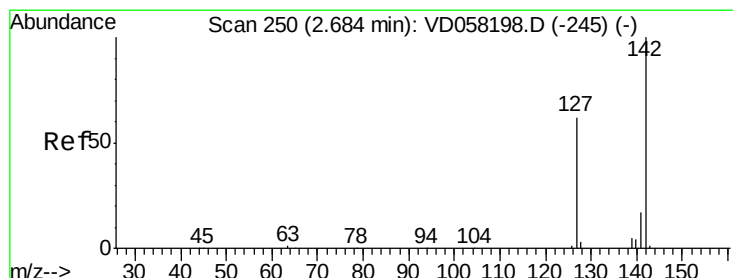
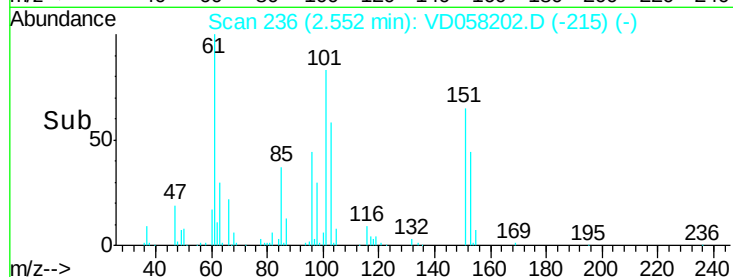
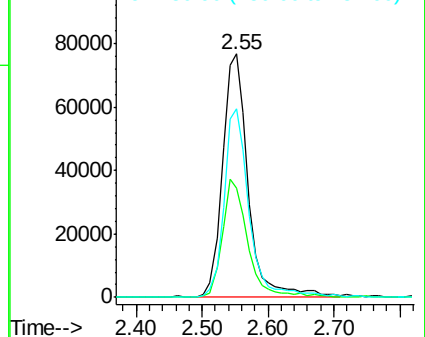
151 77.3 61.8 92.8



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: 52.053 ug/l

RT: 2.69 min Scan# 250

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

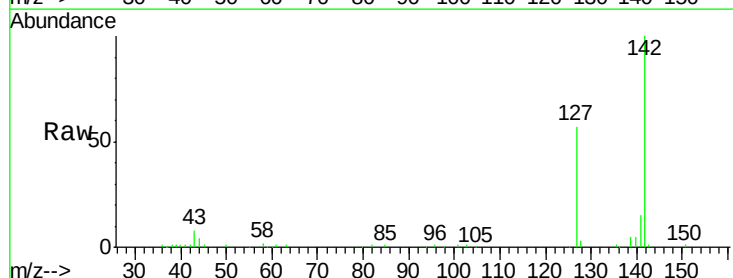
Tgt Ion:142 Resp: 246339

Ion Ratio Lower Upper

142 100

127 56.8 49.4 74.0

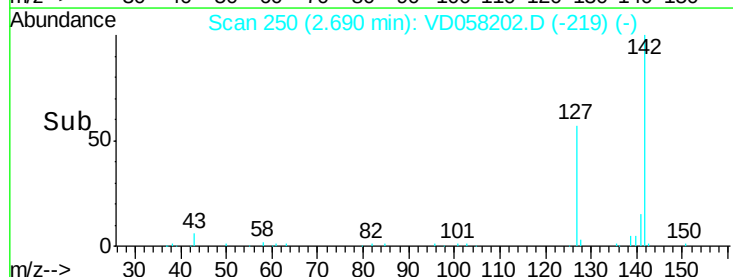
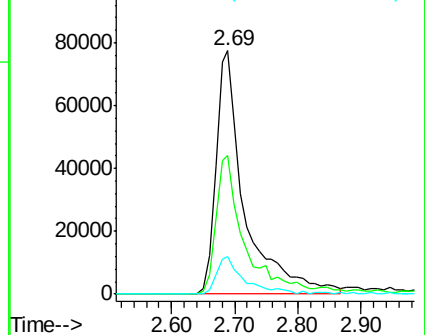
141 15.3 13.5 20.3

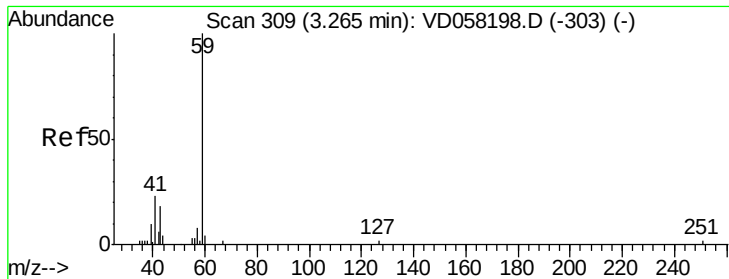


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

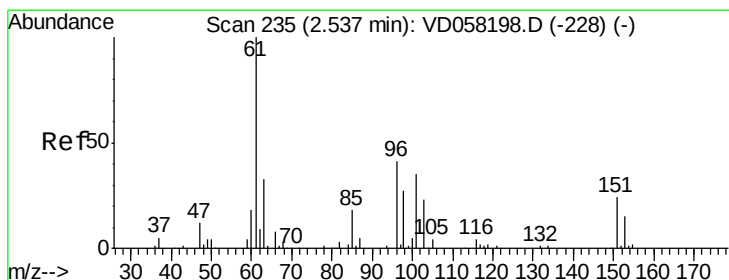
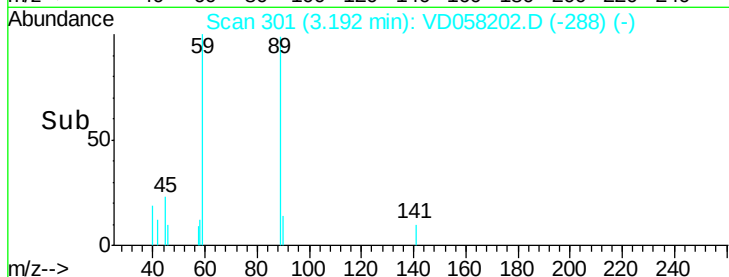
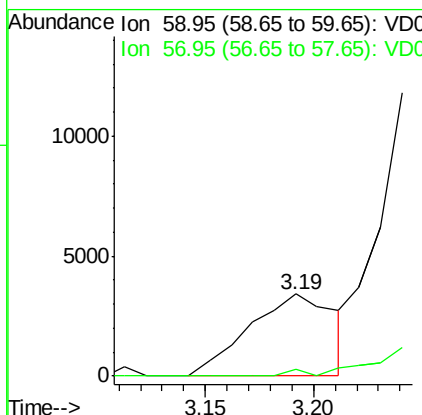
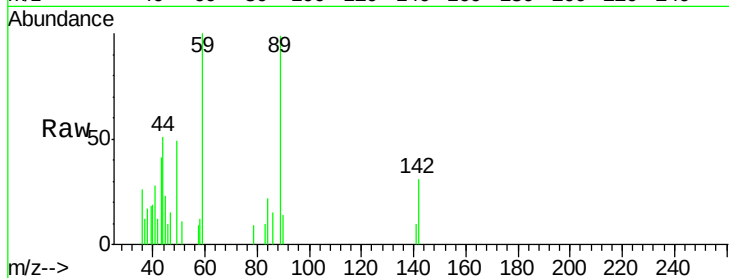




#11
Tert butyl alcohol
Concen: 31.228 ug/l
RT: 3.19 min Scan# 301
Delta R.T. -0.07 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

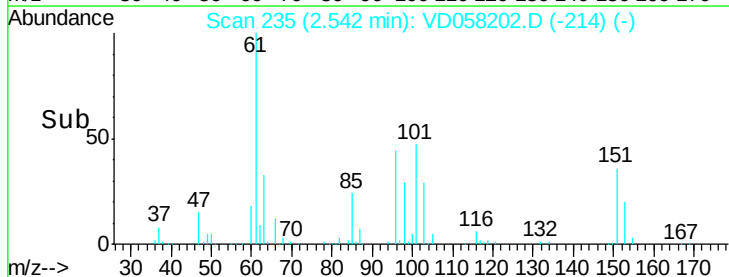
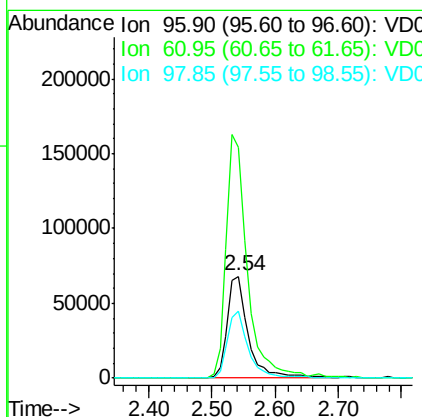
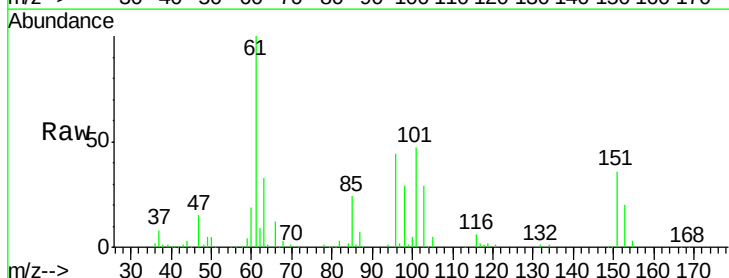
Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

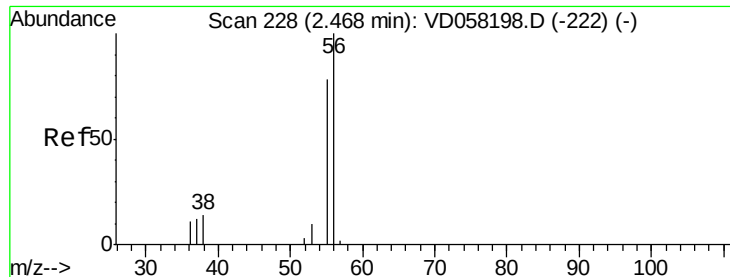
Tgt Ion: 59 Resp: 9479
Ion Ratio Lower Upper
59 100
57 9.1 6.2 9.4



#12
1,1-Dichloroethene
Concen: 50.462 ug/l
RT: 2.54 min Scan# 235
Delta R.T. 0.01 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion: 96 Resp: 157965
Ion Ratio Lower Upper
96 100
61 227.0 193.9 290.9
98 65.7 51.7 77.5





#13

Acrolein

Concen: 195.885 ug/l

RT: 2.46 min Scan# 227

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

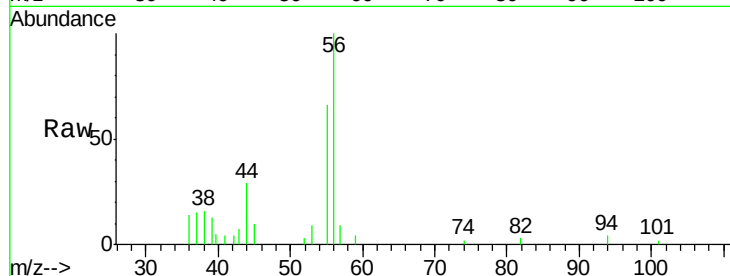
ICVVD061918

Tgt Ion: 56 Resp: 33943

Ion Ratio Lower Upper

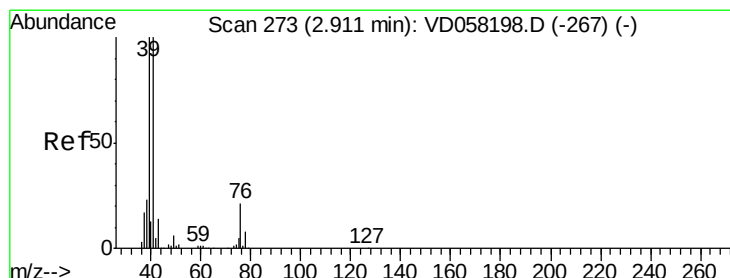
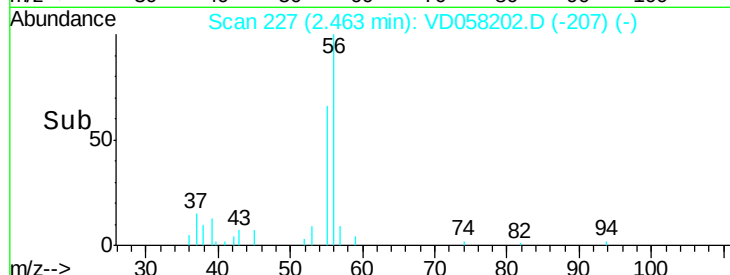
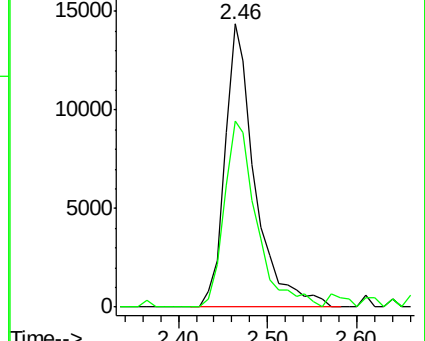
56 100

55 65.9 62.1 93.1



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.971 ug/l

RT: 2.92 min Scan# 273

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

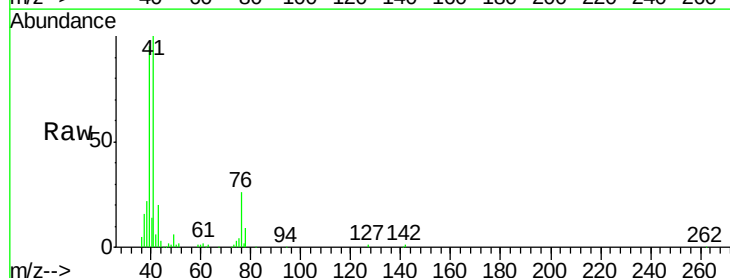
Tgt Ion: 41 Resp: 364075

Ion Ratio Lower Upper

41 100

39 95.4 80.1 120.1

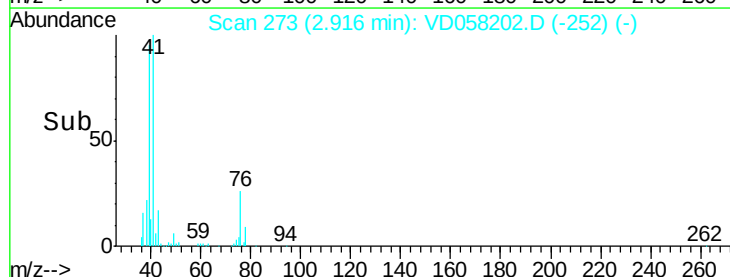
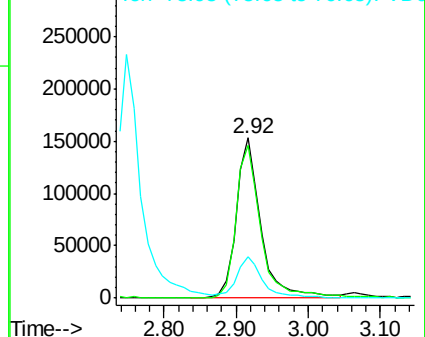
76 26.2 19.4 29.2

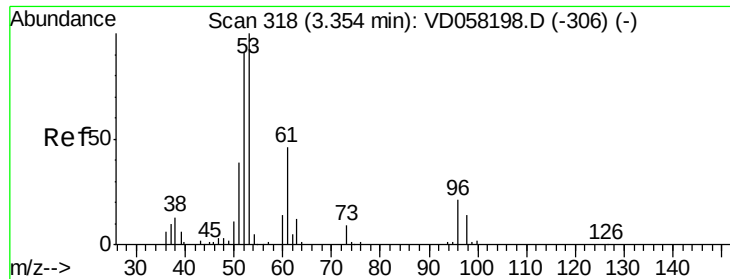


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 260.197 ug/l

RT: 3.36 min Scan# 318

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

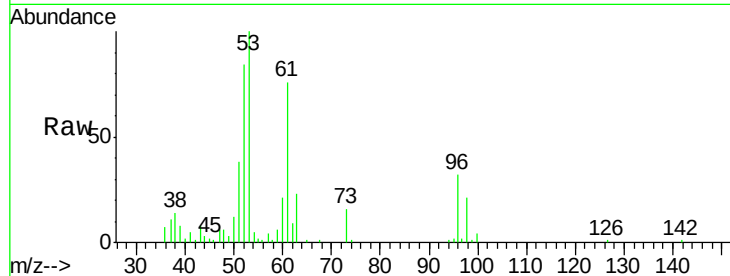
Tgt Ion: 53 Resp: 209421

Ion Ratio Lower Upper

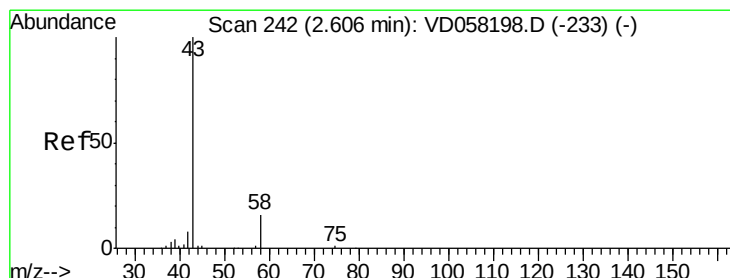
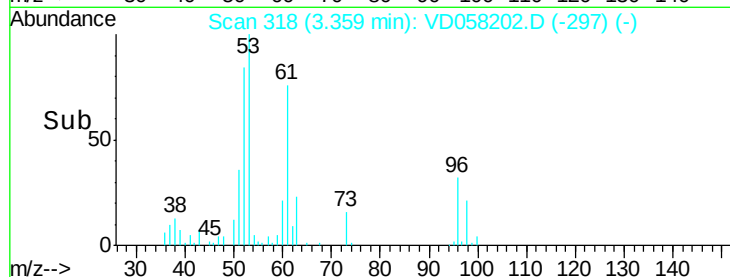
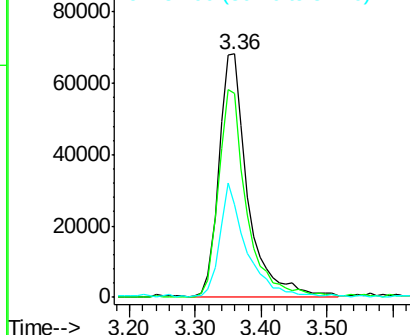
53 100

52 83.7 72.6 108.8

51 38.0 32.2 48.4



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: 234.259 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD058202.D

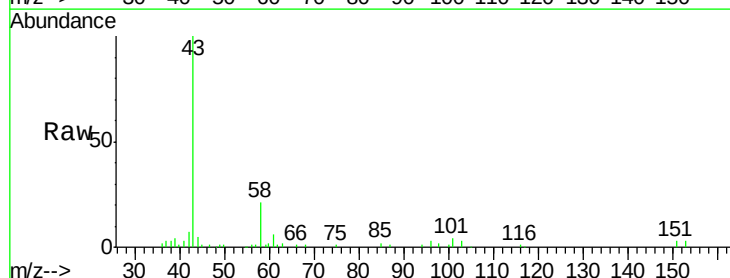
Acq: 19 Jun 2018 19:10

Tgt Ion: 43 Resp: 294845

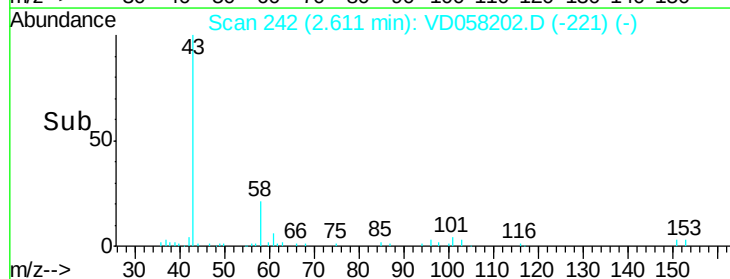
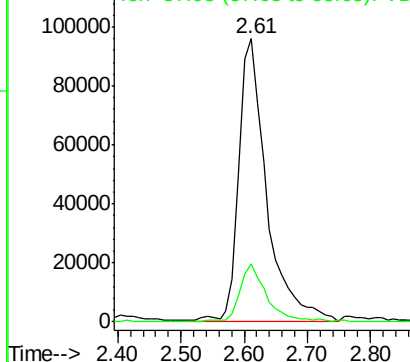
Ion Ratio Lower Upper

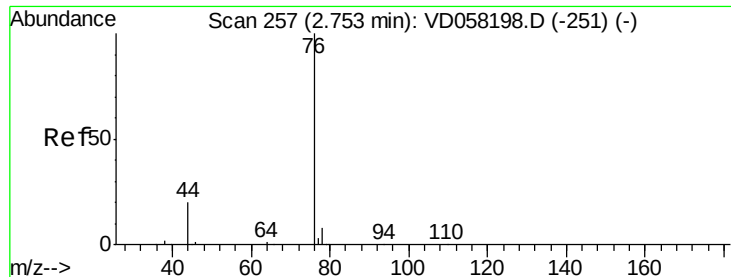
43 100

58 20.5 12.7 19.1#



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





#17

Carbon Disulfide

Concen: 49.492 ug/l

RT: 2.75 min Scan# 256

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

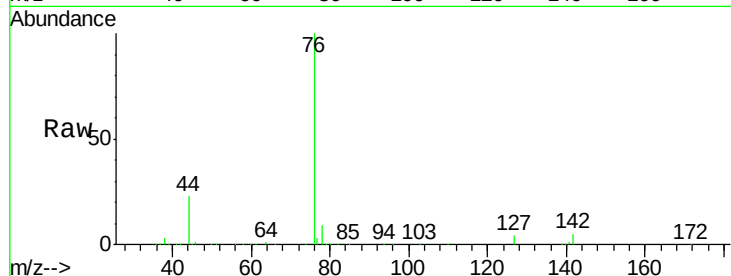
ICVVD061918

Tgt Ion: 76 Resp: 527101

Ion Ratio Lower Upper

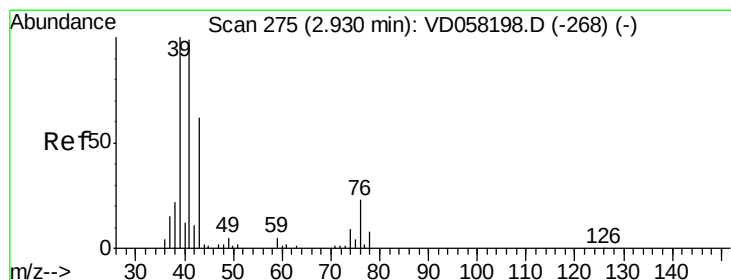
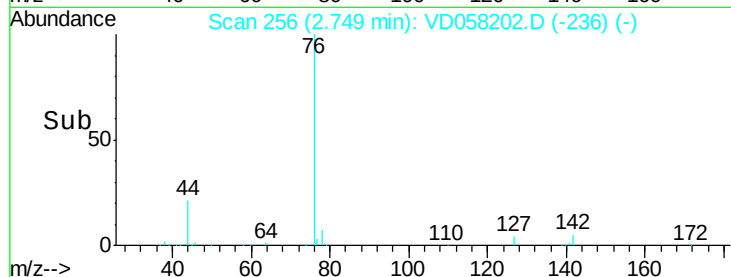
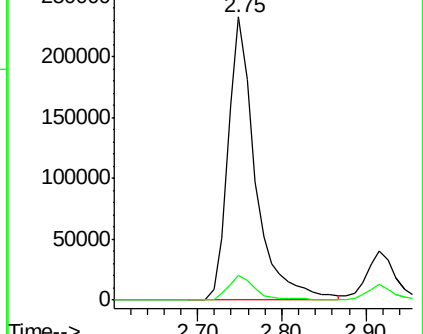
76 100

78 8.6 6.8 10.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 48.712 ug/l

RT: 2.94 min Scan# 275

Delta R.T. 0.01 min

Lab File: VD058202.D

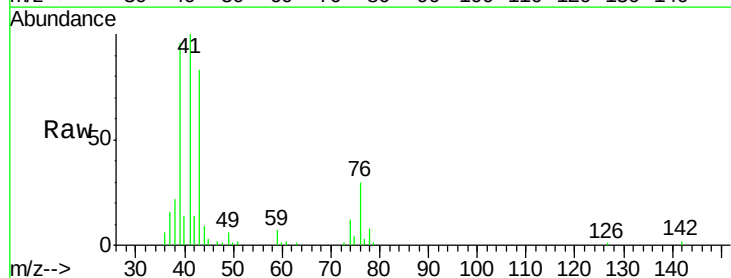
Acq: 19 Jun 2018 19:10

Tgt Ion: 43 Resp: 130755

Ion Ratio Lower Upper

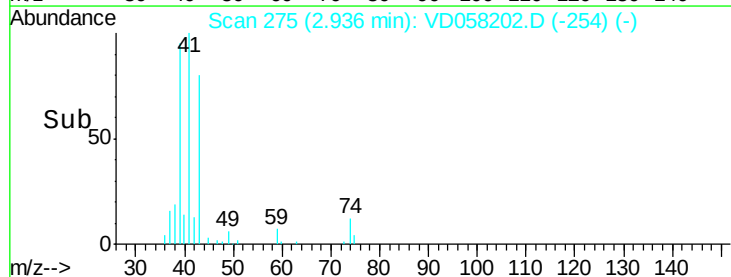
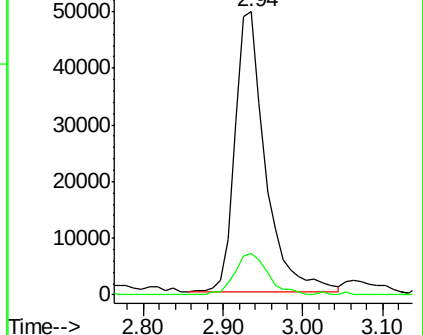
43 100

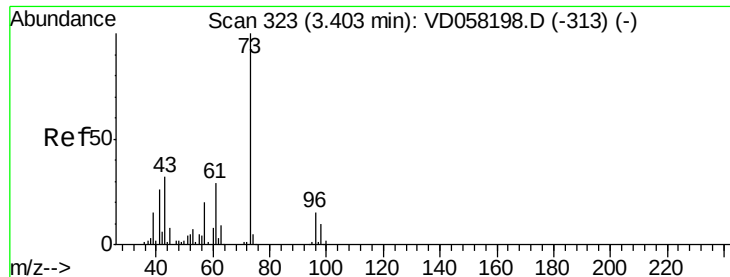
74 14.8 11.7 17.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

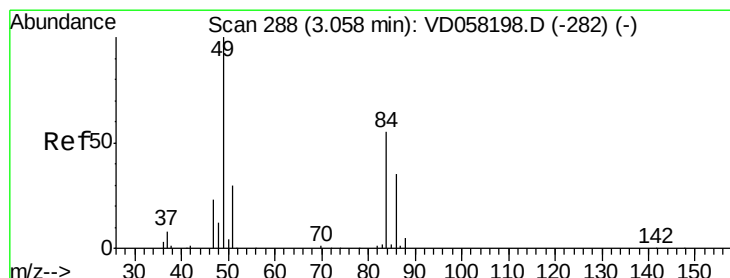
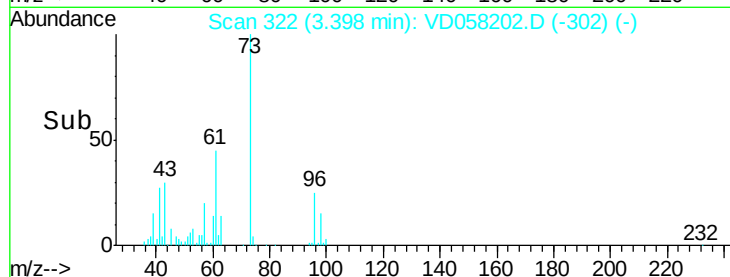
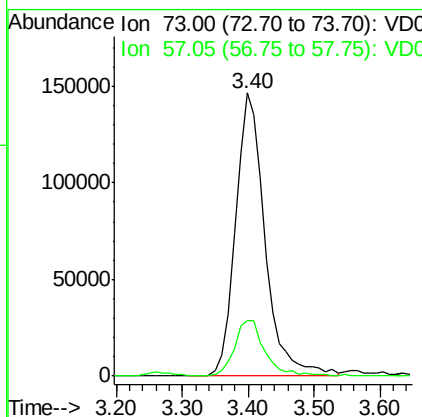
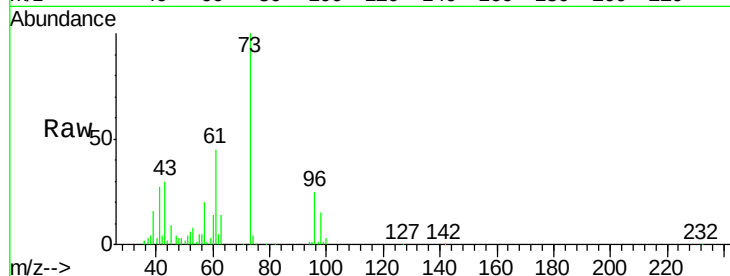




#19
Methyl tert-butyl Ether
Concen: 55.309 ug/l
RT: 3.40 min Scan# 322
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

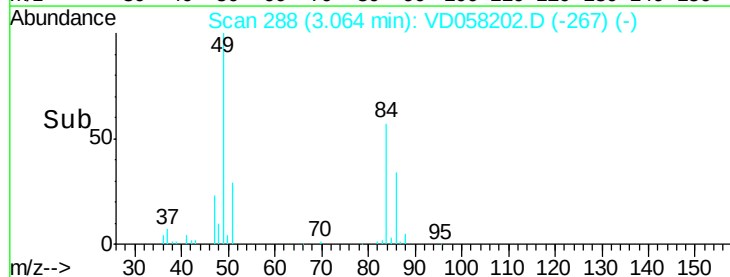
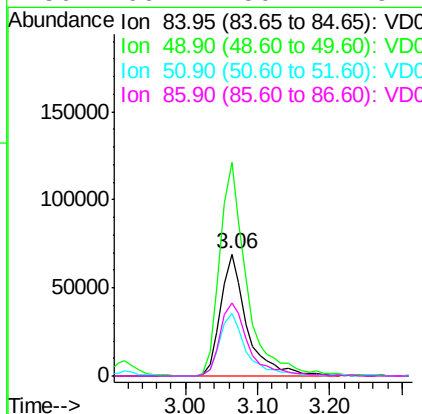
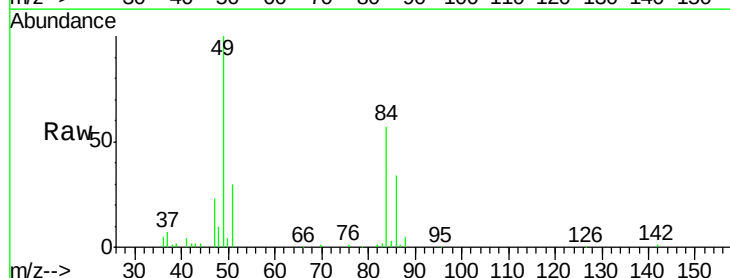
Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

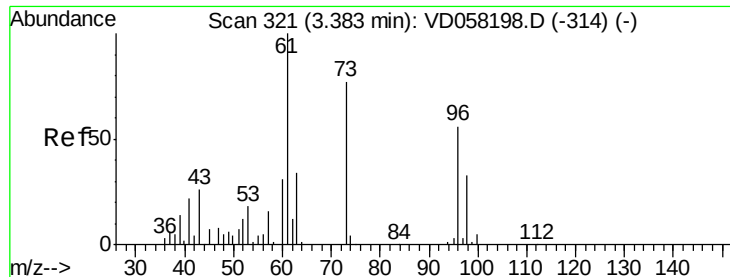
Tgt Ion: 73 Resp: 459215
Ion Ratio Lower Upper
73 100
57 19.8 16.6 24.8



#20
Methylene Chloride
Concen: 53.868 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.01 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion: 84 Resp: 175788
Ion Ratio Lower Upper
84 100
49 175.6 145.0 217.6
51 52.0 42.9 64.3
86 60.2 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 50.585 ug/l

RT: 3.38 min Scan# 320

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

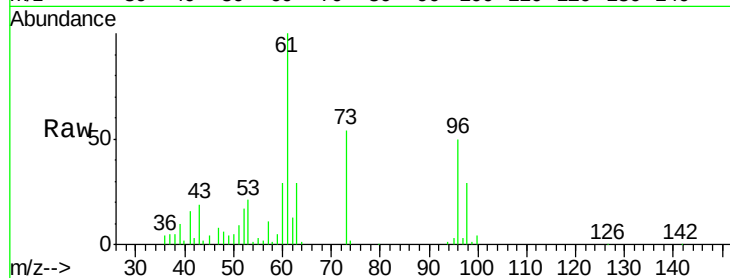
Tgt Ion: 96 Resp: 173059

Ion Ratio Lower Upper

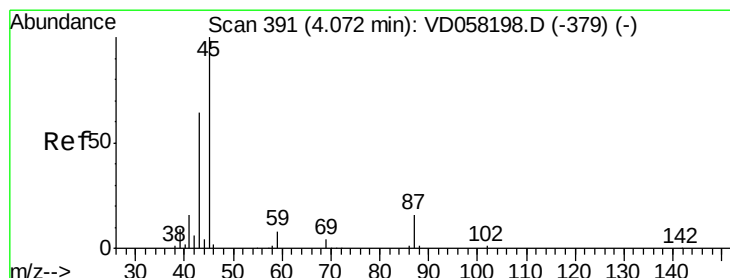
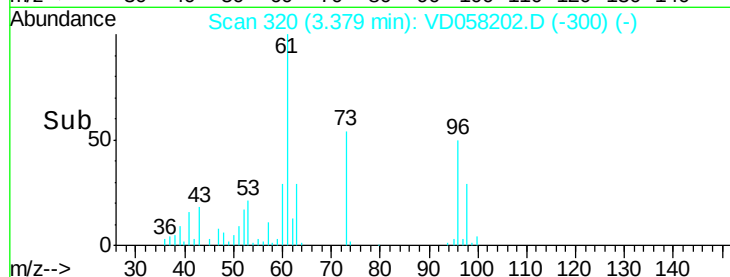
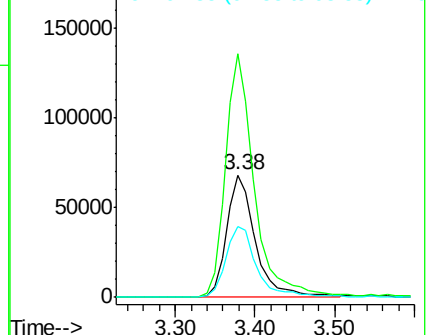
96 100

61 199.3 143.8 215.6

98 57.5 48.0 72.0



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



#22

Diisopropyl ether

Concen: 50.444 ug/l

RT: 4.07 min Scan# 390

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Tgt Ion: 45 Resp: 1459686

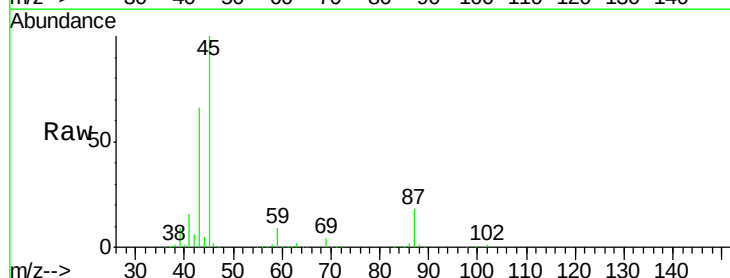
Ion Ratio Lower Upper

45 100

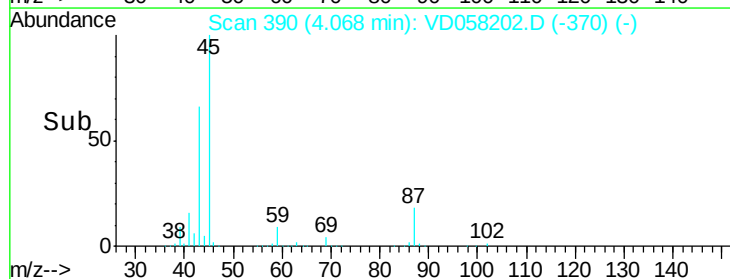
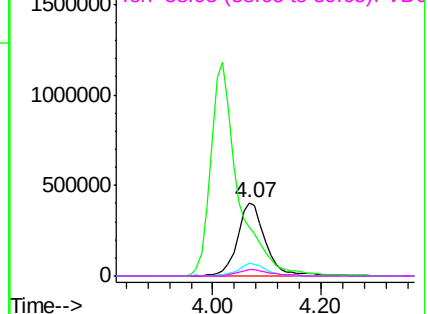
43 66.5 51.4 77.0

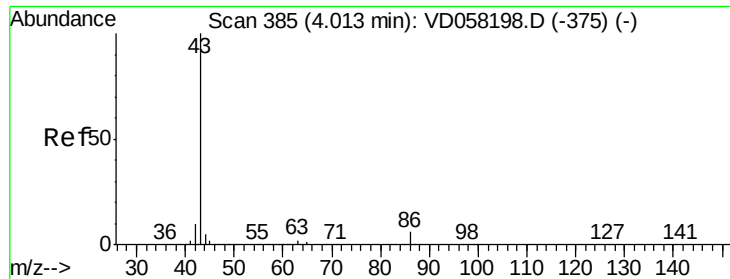
87 17.7 13.0 19.4

59 8.8 6.9 10.3



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: 266.553 ug/l

RT: 4.02 min Scan# 385

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

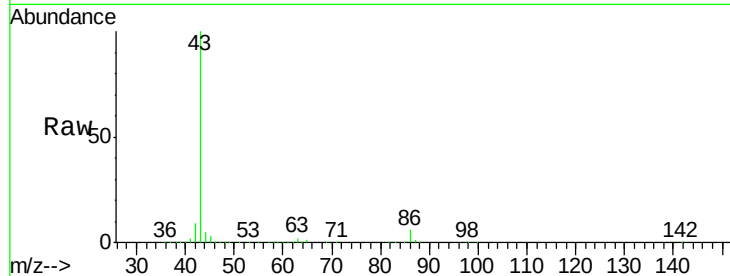
ICVVD061918

Tgt Ion: 43 Resp: 4134692

Ion Ratio Lower Upper

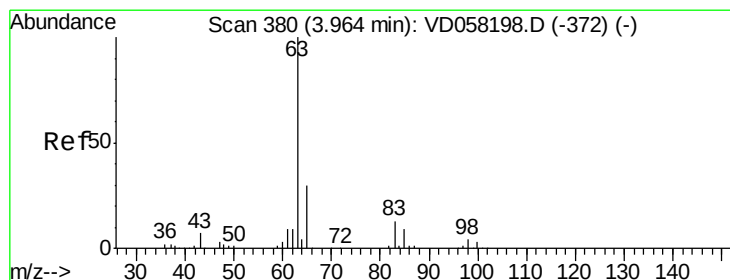
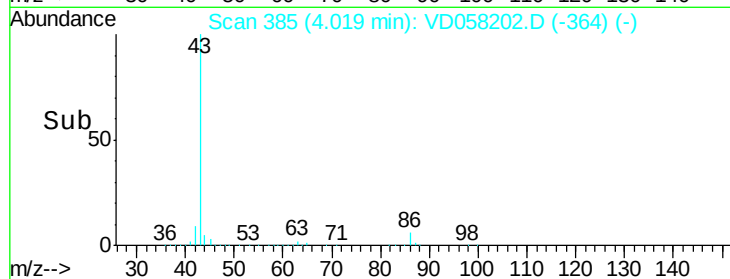
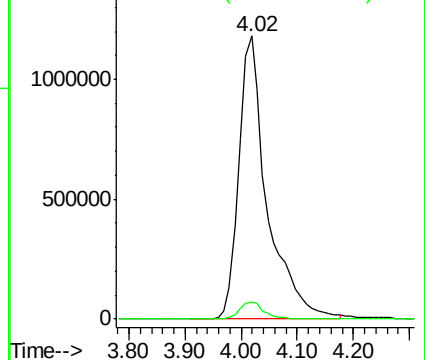
43 100

86 6.1 5.0 7.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.976 ug/l

RT: 3.97 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

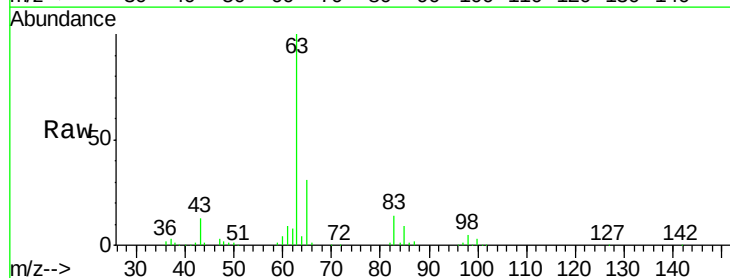
Tgt Ion: 63 Resp: 779088

Ion Ratio Lower Upper

63 100

98 4.8 1.9 5.7

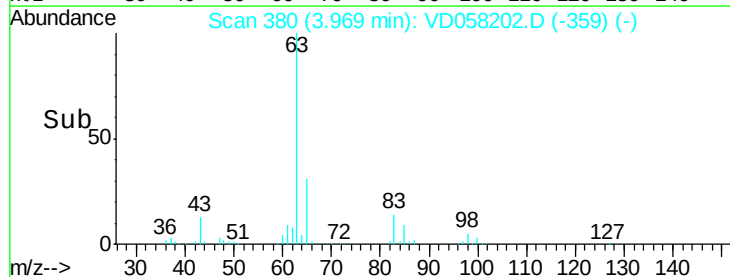
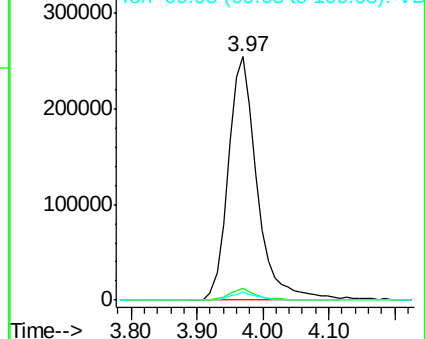
100 3.2 1.3 3.9

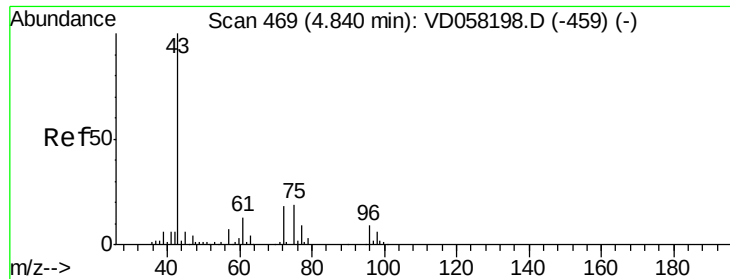


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 240.234 ug/l

RT: 4.84 min Scan# 468

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

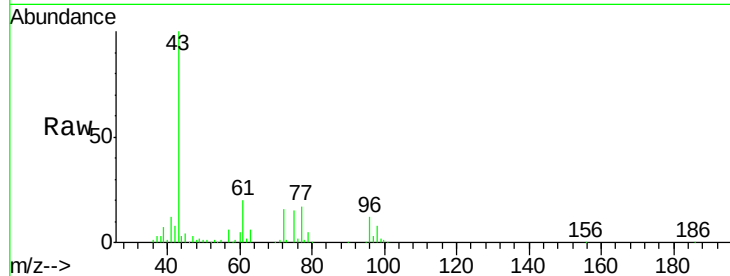
ICVVD061918

Tgt Ion: 43 Resp: 659014

Ion Ratio Lower Upper

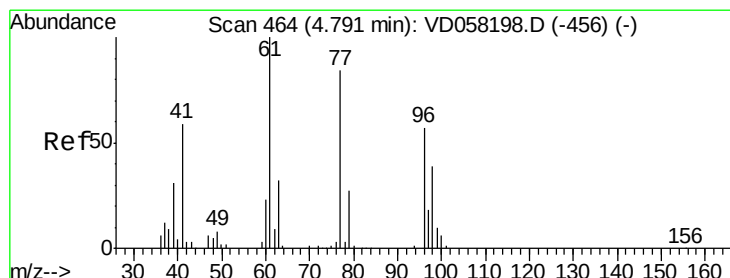
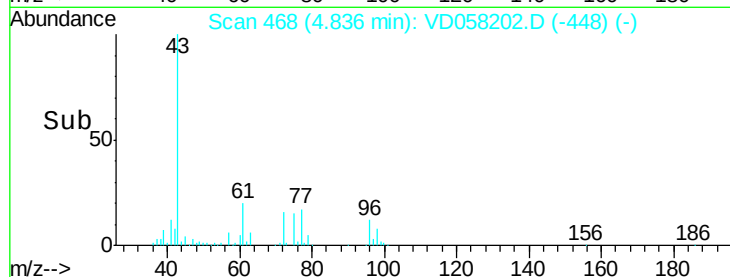
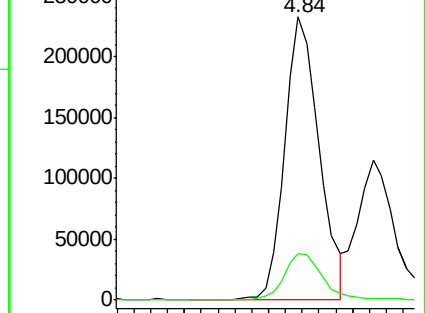
43 100

72 16.3 14.1 21.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 47.783 ug/l

RT: 4.80 min Scan# 464

Delta R.T. 0.01 min

Lab File: VD058202.D

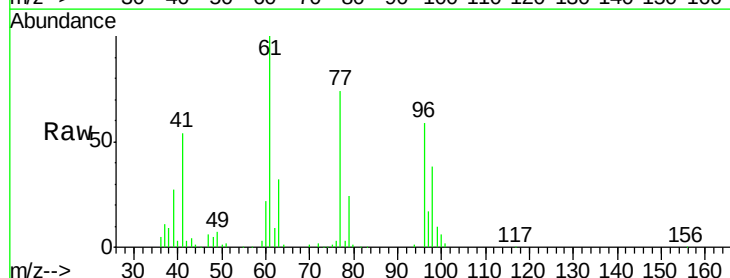
Acq: 19 Jun 2018 19:10

Tgt Ion: 77 Resp: 623738

Ion Ratio Lower Upper

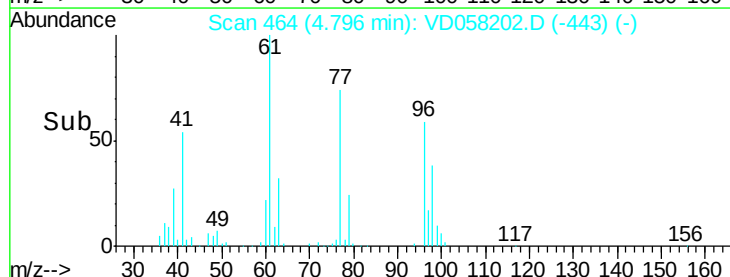
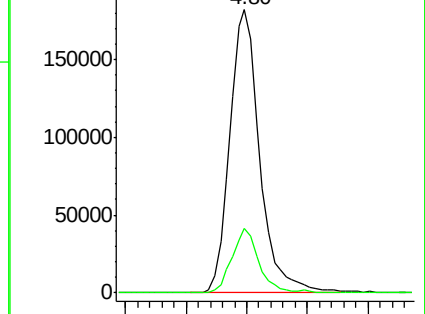
77 100

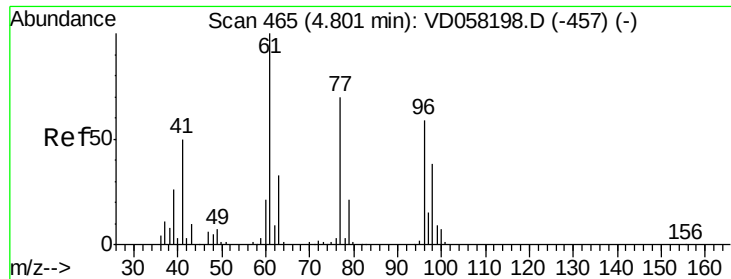
97 22.9 10.5 31.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



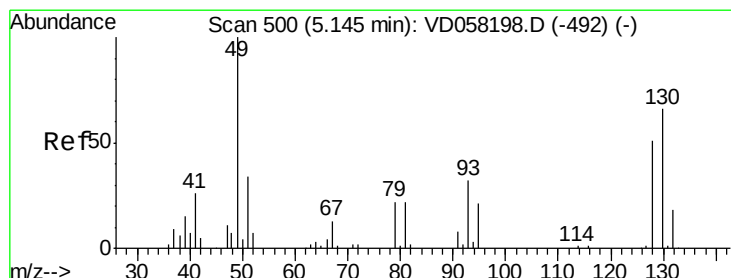
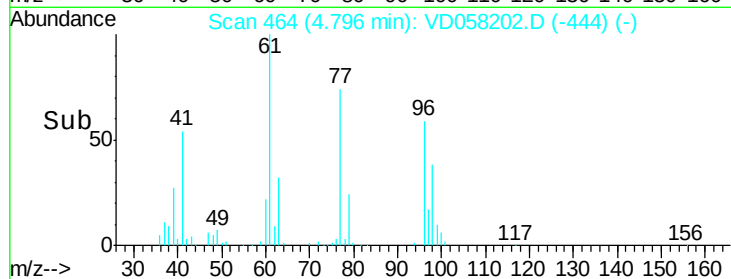
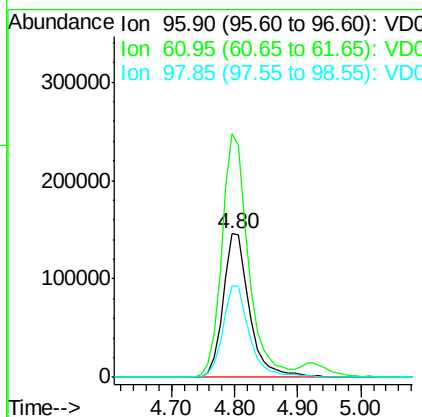
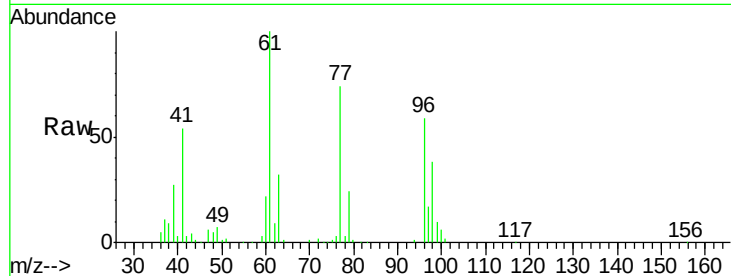


#27

cis-1,2-Dichloroethene
Concen: 49.572 ug/l
RT: 4.80 min Scan# 464
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

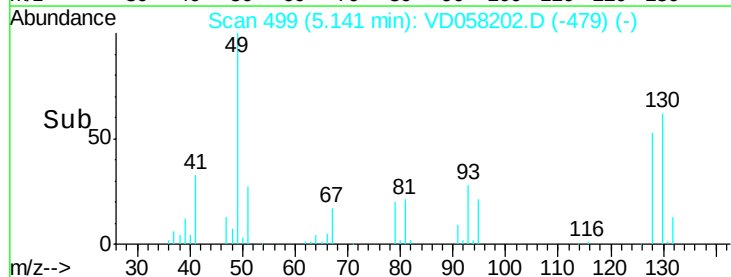
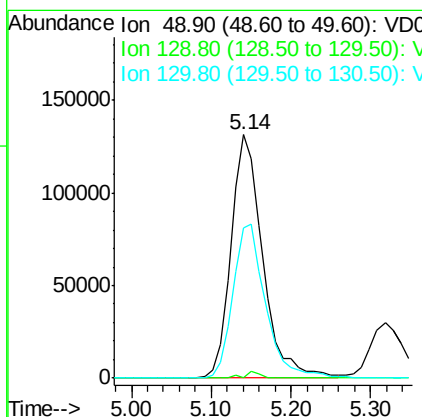
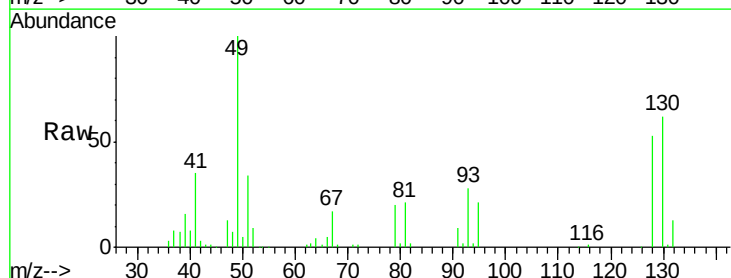
Tgt Ion: 96 Resp: 423802
Ion Ratio Lower Upper
96 100
61 169.6 0.0 338.6
98 63.8 0.0 130.2

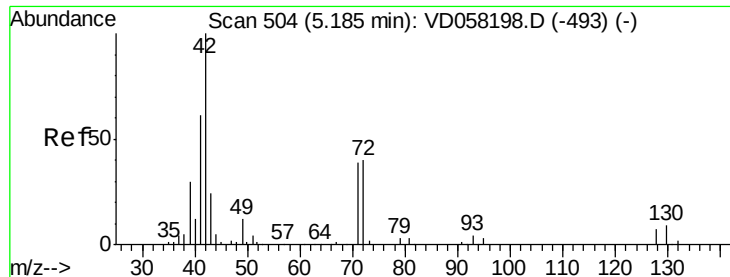


#28

Bromochloromethane
Concen: 51.954 ug/l
RT: 5.14 min Scan# 499
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion: 49 Resp: 363075
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 61.6 52.6 79.0

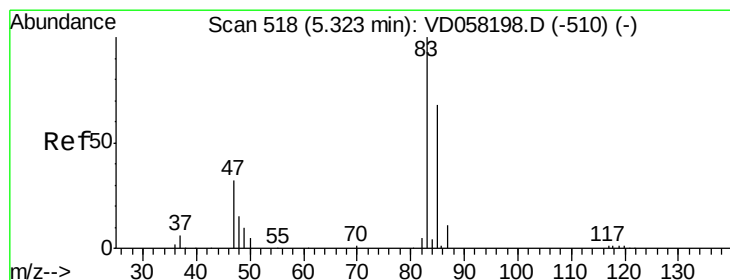
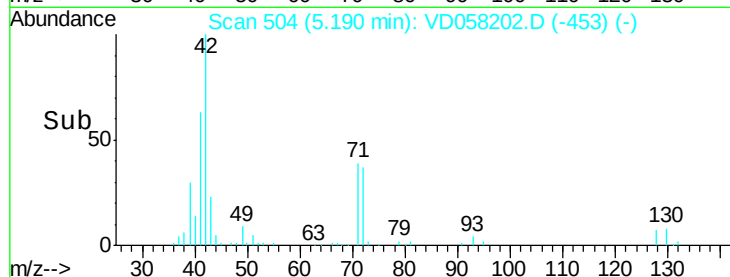
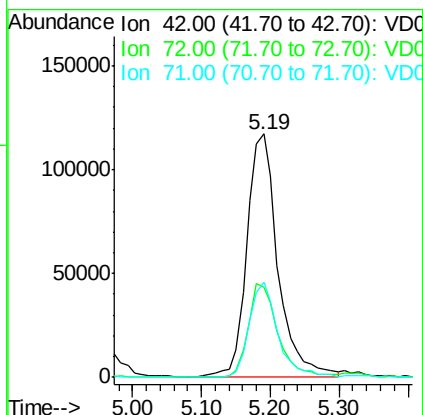
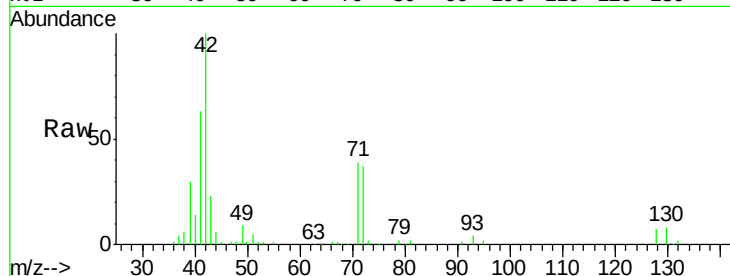




#29
Tetrahydrofuran
Concen: 250.225 ug/l
RT: 5.19 min Scan# 504
Delta R.T. 0.01 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

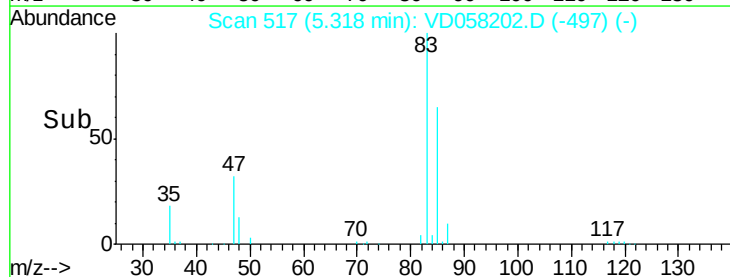
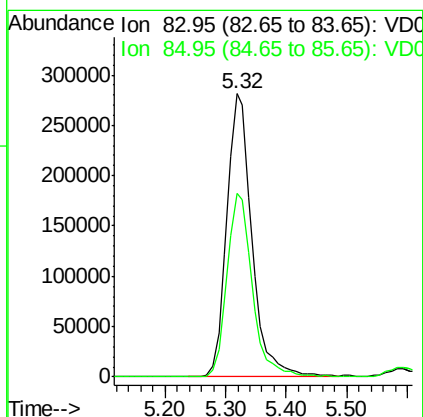
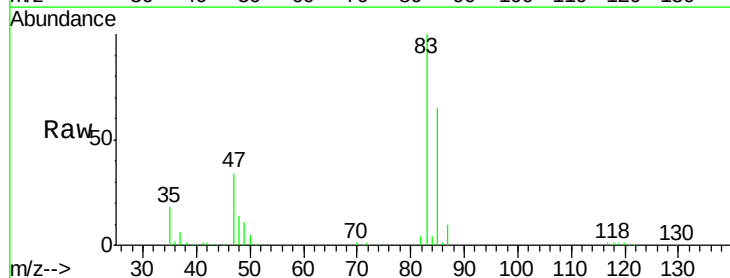
Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

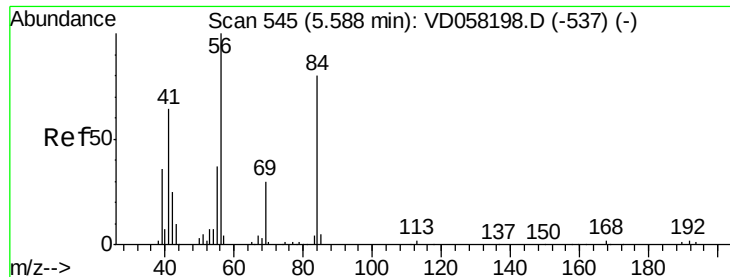
Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.0	30.2	45.2
71	36.6	30.1	45.1



#30
Chloroform
Concen: 49.251 ug/l
RT: 5.32 min Scan# 517
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	54.8	82.2

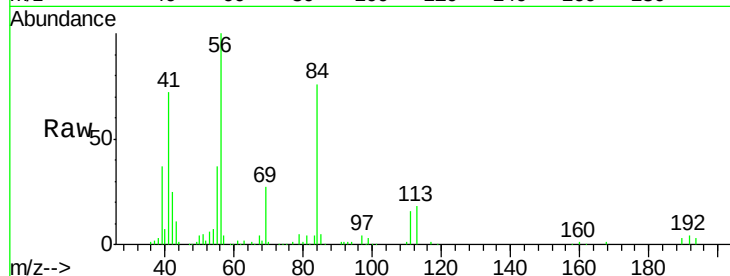




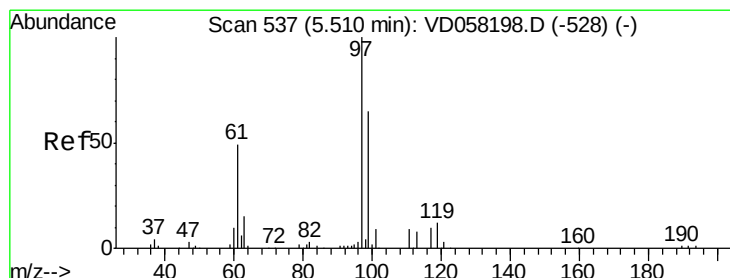
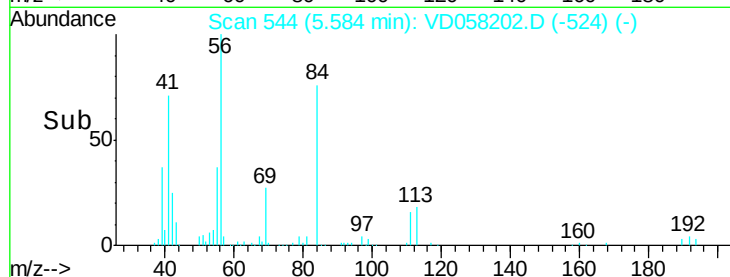
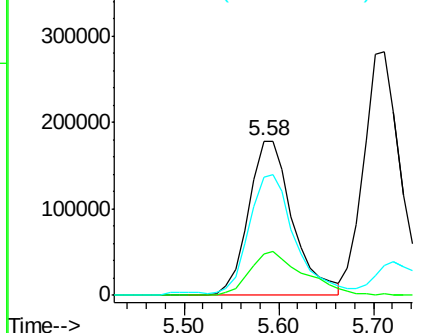
#31
Cyclohexane
Concen: 51.686 ug/l
RT: 5.58 min Scan# 544
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

Tgt Ion: 56 Resp: 583020
Ion Ratio Lower Upper
56 100
69 26.8 23.6 35.4
84 76.2 65.2 97.8

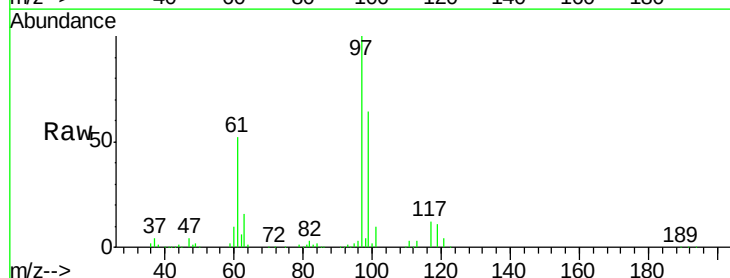


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

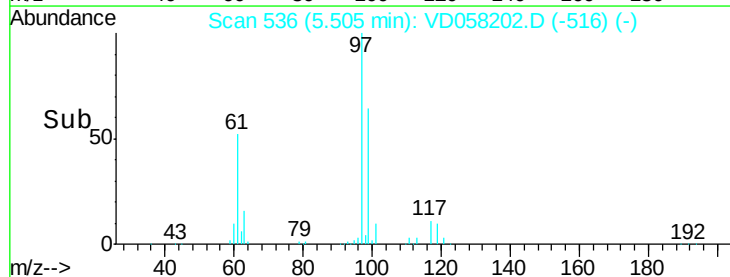
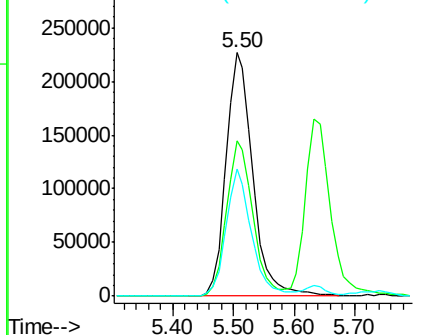


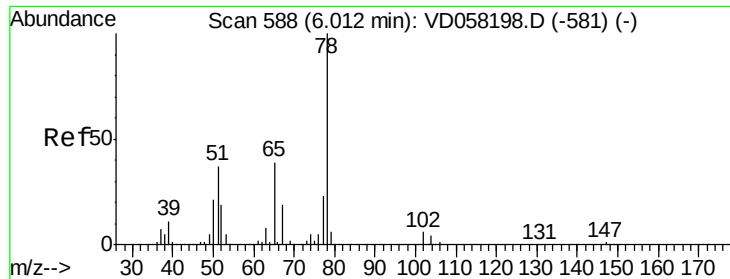
#32
1,1,1-Trichloroethane
Concen: 50.989 ug/l
RT: 5.50 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion: 97 Resp: 693352
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.4
61 52.3 39.0 58.4



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

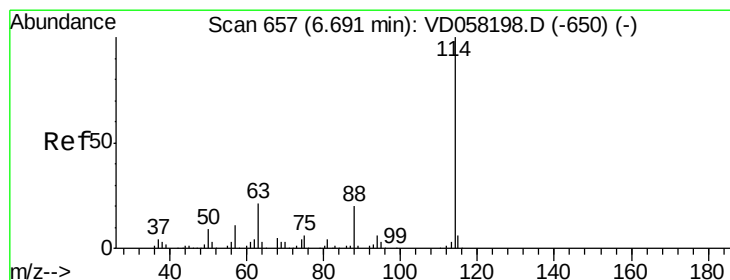
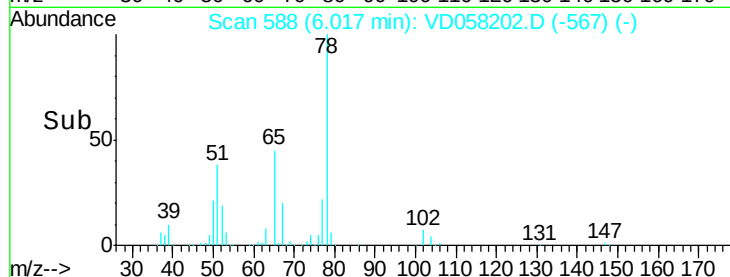
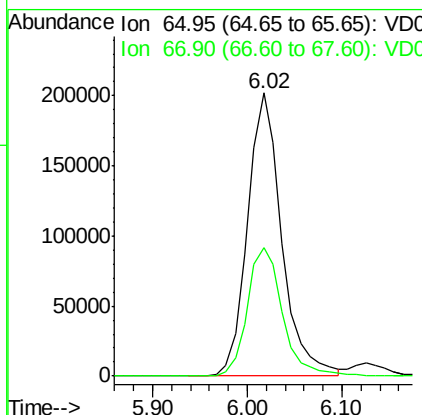
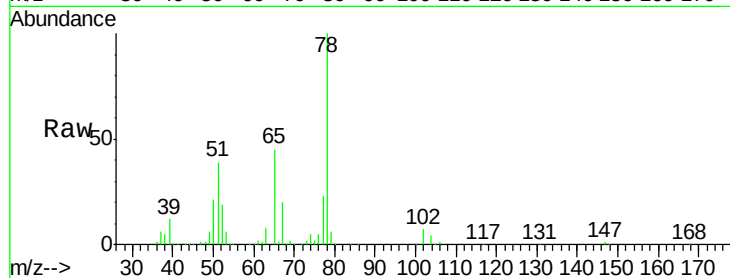




#33
 1,2-Dichloroethane-d4
 Concen: 50.989 ug/l
 RT: 6.02 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

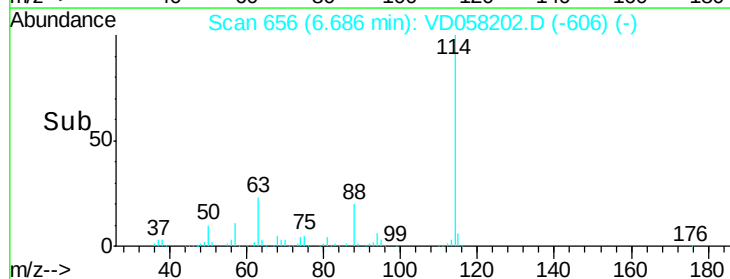
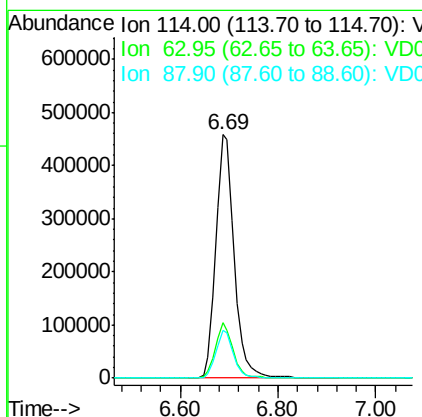
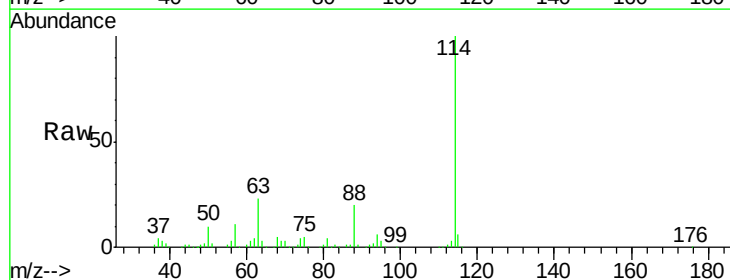
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

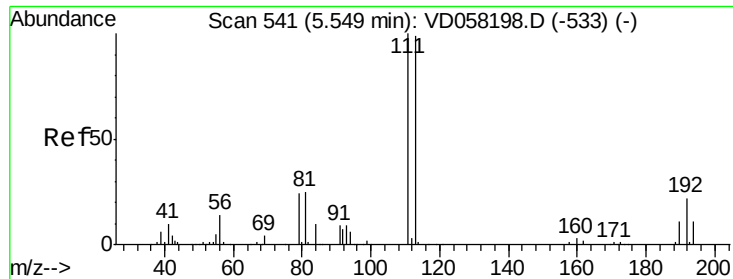
Tgt Ion: 65 Resp: 505203
 Ion Ratio Lower Upper
 65 100
 67 45.2 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion: 114 Resp: 1204390
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 42.6
 88 19.5 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

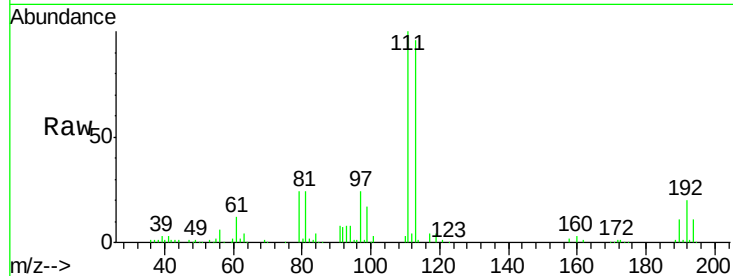
Tgt Ion:113 Resp: 524455

Ion Ratio Lower Upper

113 100

111 104.6 80.6 121.0

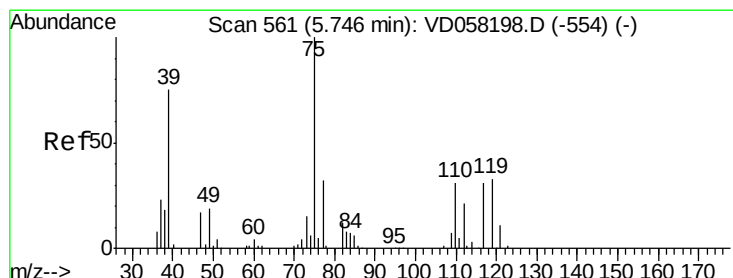
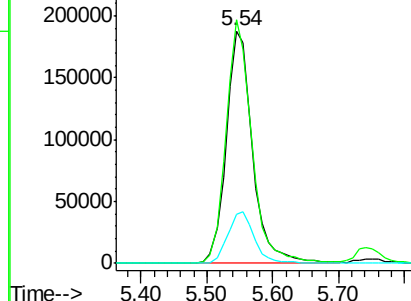
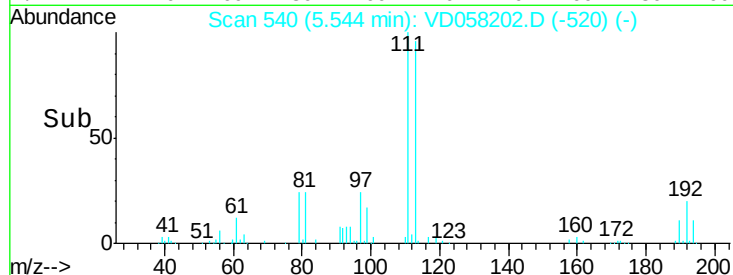
192 21.3 17.8 26.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 46.980 ug/l

RT: 5.74 min Scan# 560

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

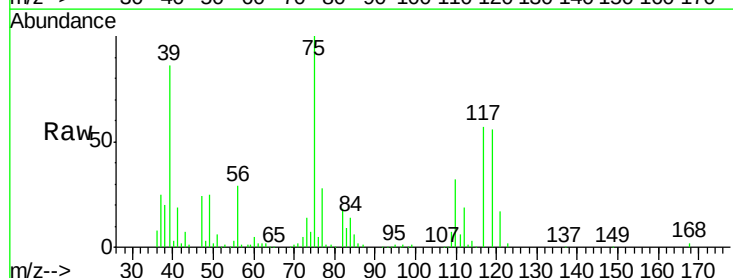
Tgt Ion: 75 Resp: 559748

Ion Ratio Lower Upper

75 100

110 31.7 15.4 46.4

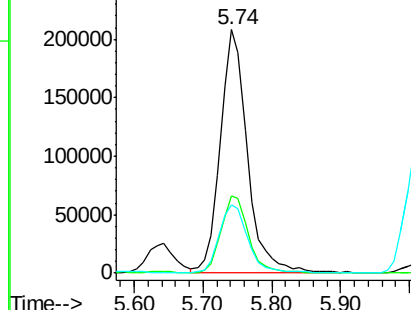
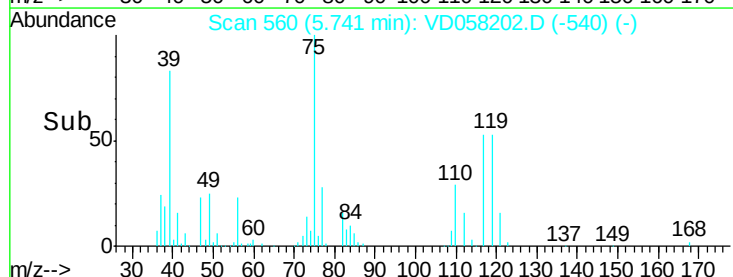
77 28.2 25.4 38.2

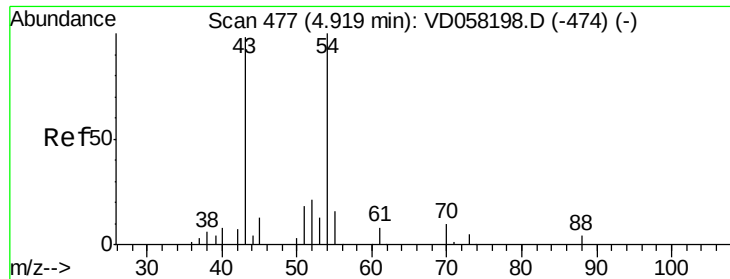


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

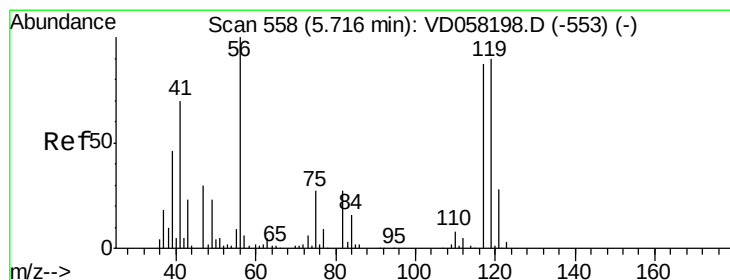
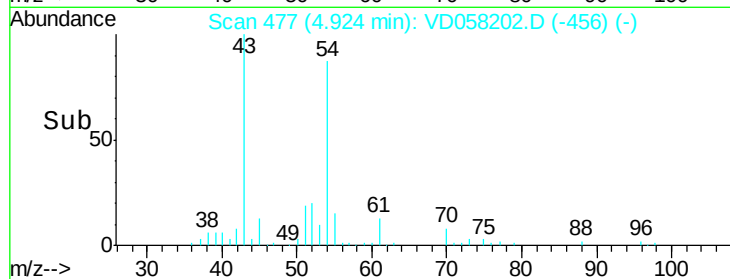
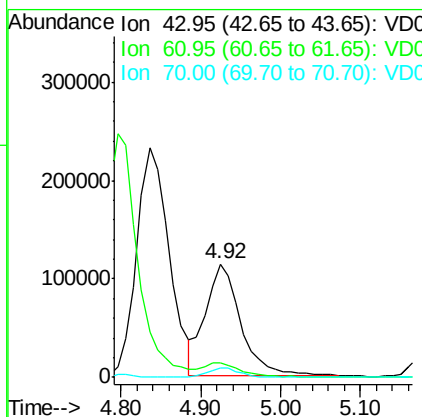
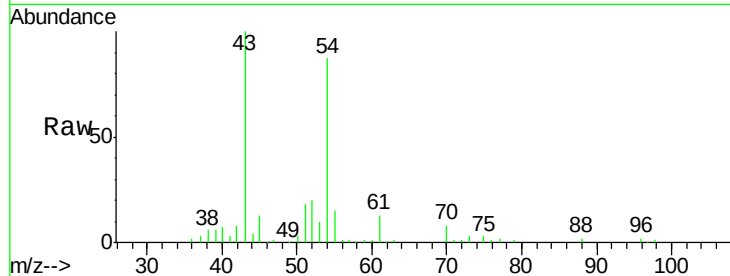




#37
 Ethyl Acetate
 Concen: 51.982 ug/l
 RT: 4.92 min Scan# 477
 Delta R.T. 0.01 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

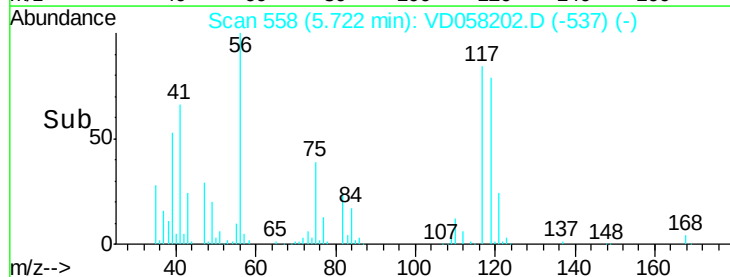
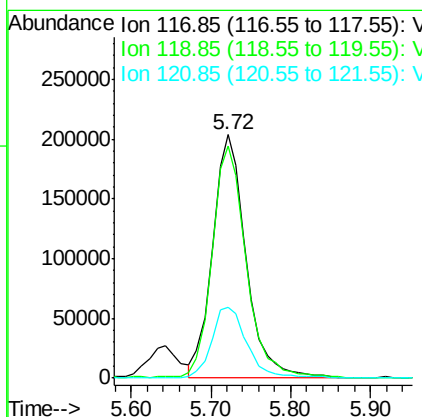
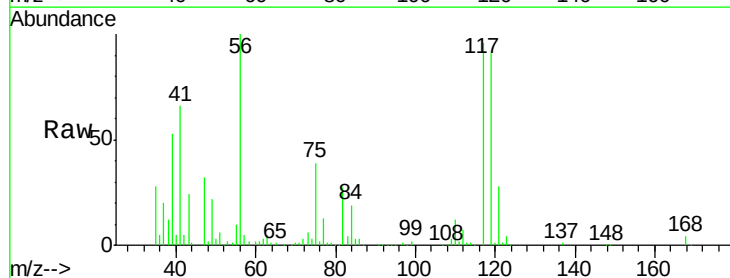
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

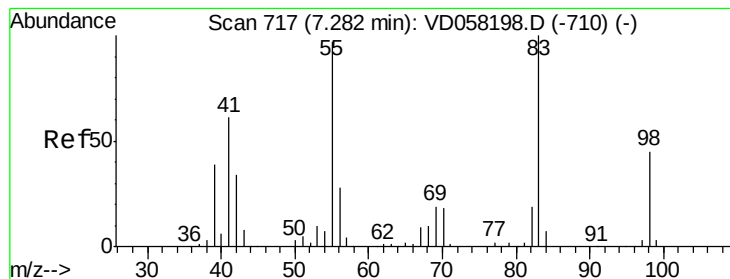
Tgt Ion: 43 Resp: 352878
 Ion Ratio Lower Upper
 43 100
 61 12.9 10.3 15.5
 70 8.1 5.7 8.5



#38
 Carbon Tetrachloride
 Concen: 50.083 ug/l
 RT: 5.72 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion: 117 Resp: 592907
 Ion Ratio Lower Upper
 117 100
 119 95.1 78.8 118.2
 121 29.1 25.0 37.6





#39

Methylcyclohexane

Concen: 46.820 ug/l

RT: 7.28 min Scan# 716

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

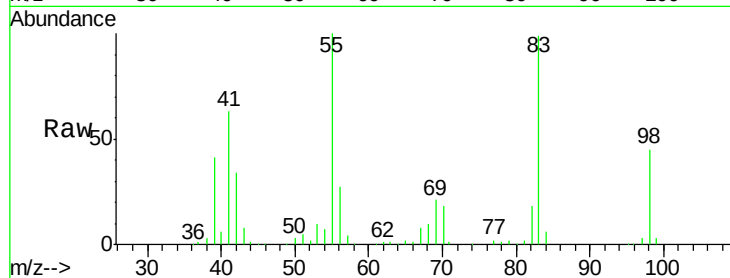
Tgt Ion: 83 Resp: 543342

Ion Ratio Lower Upper

83 100

55 101.5 77.4 116.2

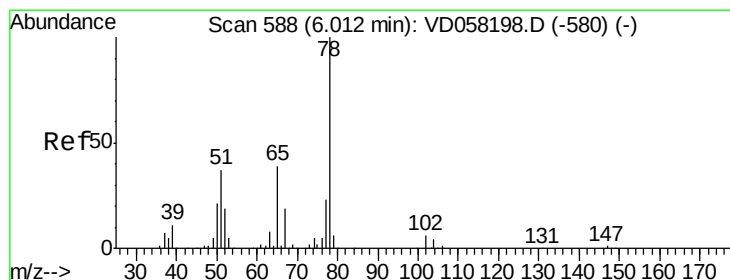
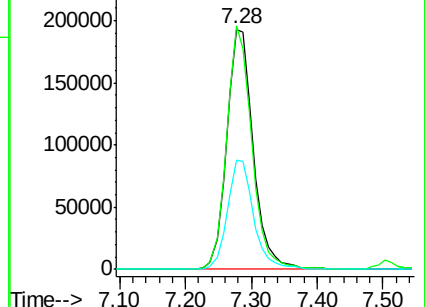
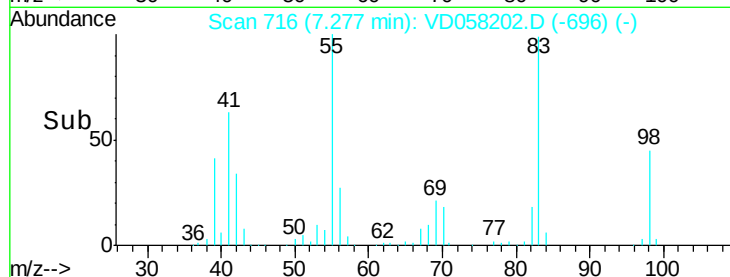
98 45.3 35.9 53.9



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: 45.713 ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.00 min

Lab File: VD058202.D

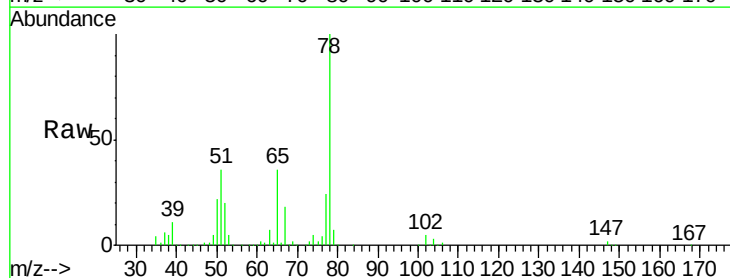
Acq: 19 Jun 2018 19:10

Tgt Ion: 78 Resp: 1297410

Ion Ratio Lower Upper

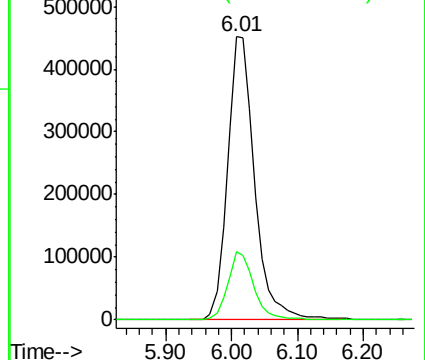
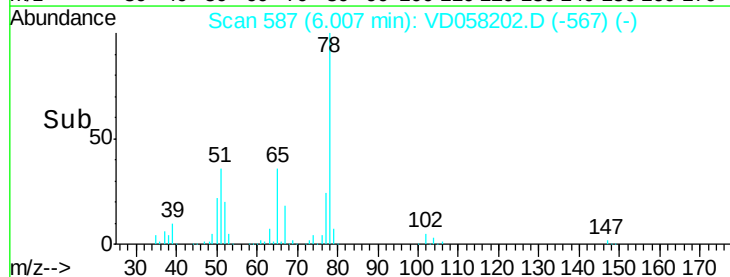
78 100

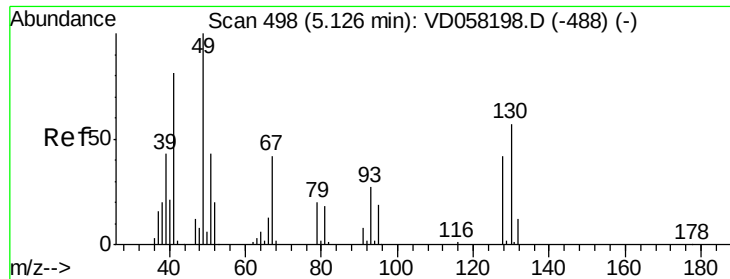
77 24.1 18.5 27.7



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

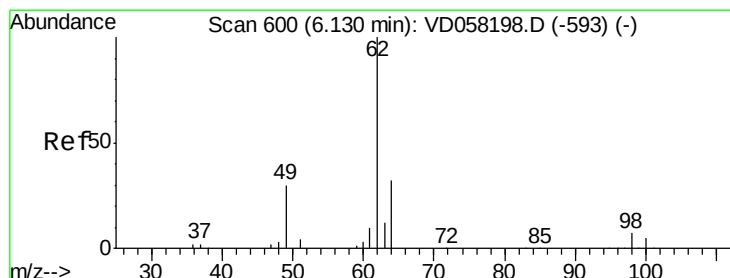
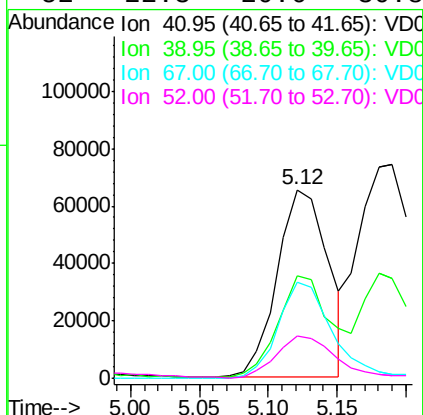
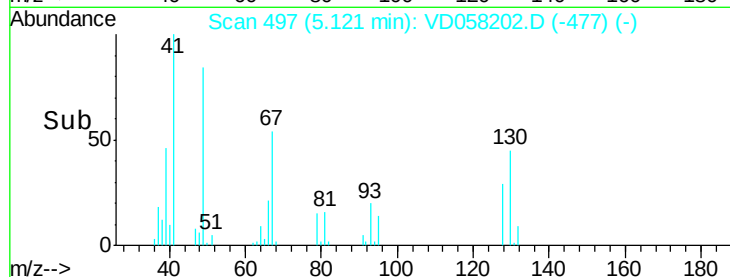
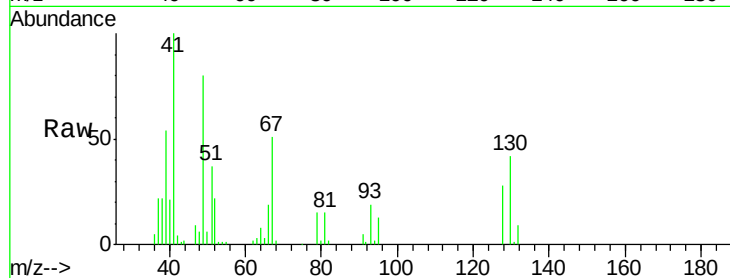




#41
Methacrylonitrile
Concen: 51.529 ug/l
RT: 5.12 min Scan# 497
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

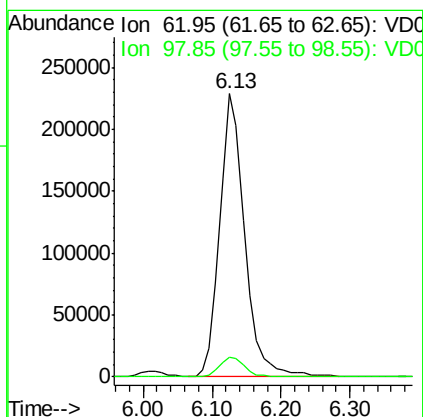
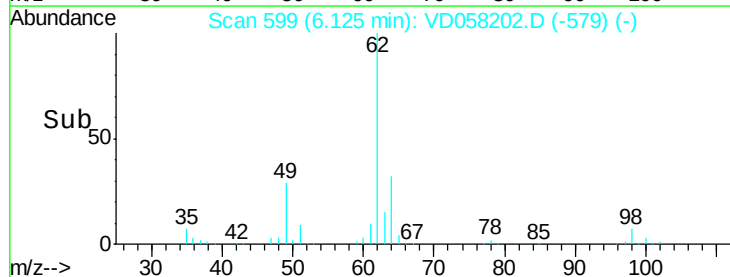
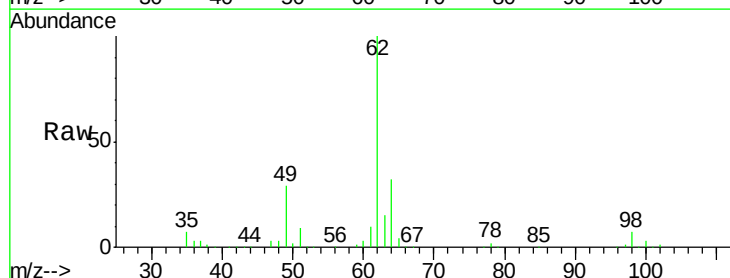
Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

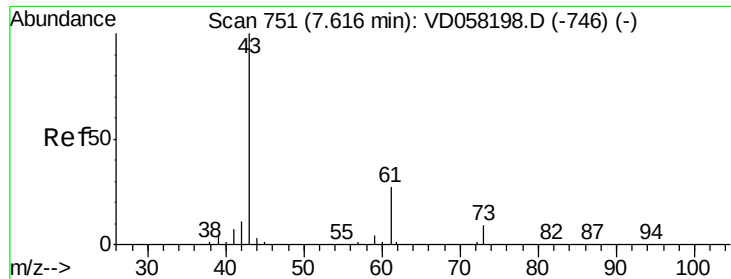
Tgt Ion: 41 Resp: 168914
Ion Ratio Lower Upper
41 100
39 54.1 43.4 65.2
67 51.0 41.7 62.5
52 22.3 20.6 30.8



#42
1,2-Dichloroethane
Concen: 50.003 ug/l
RT: 6.13 min Scan# 599
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion: 62 Resp: 572232
Ion Ratio Lower Upper
62 100
98 6.8 0.0 13.2





#43

Isopropyl Acetate

Concen: 50.298 ug/l

RT: 7.62 min Scan# 751

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

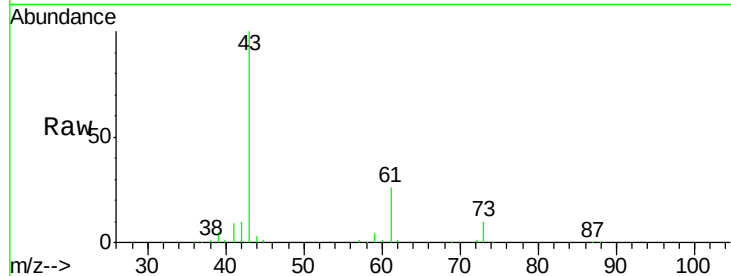
Tgt Ion: 43 Resp: 455220

Ion Ratio Lower Upper

43 100

61 26.1 21.8 32.6

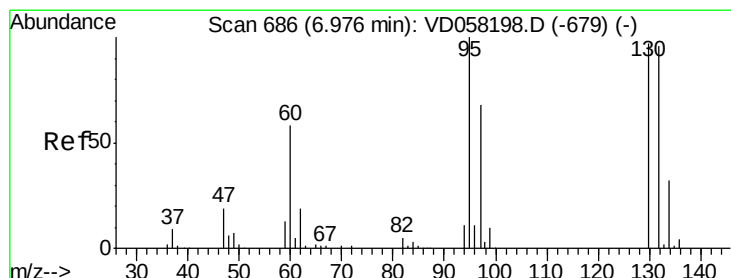
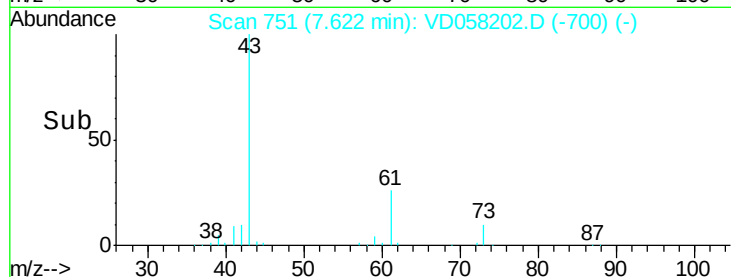
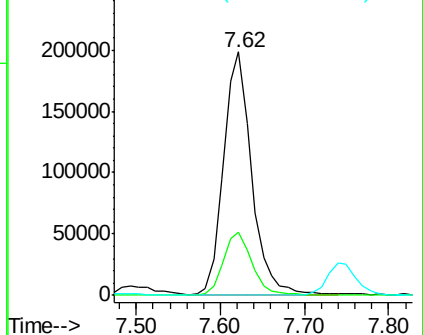
87 0.4 0.3 0.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 47.465 ug/l

RT: 6.98 min Scan# 686

Delta R.T. 0.01 min

Lab File: VD058202.D

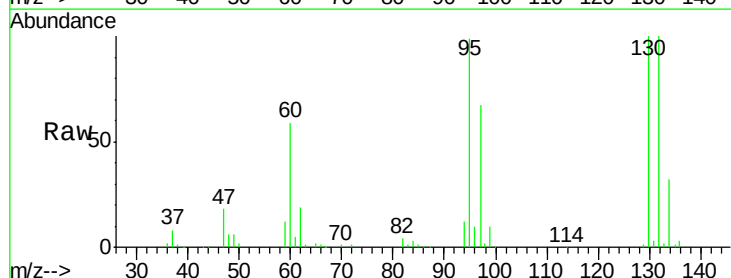
Acq: 19 Jun 2018 19:10

Tgt Ion:130 Resp: 404516

Ion Ratio Lower Upper

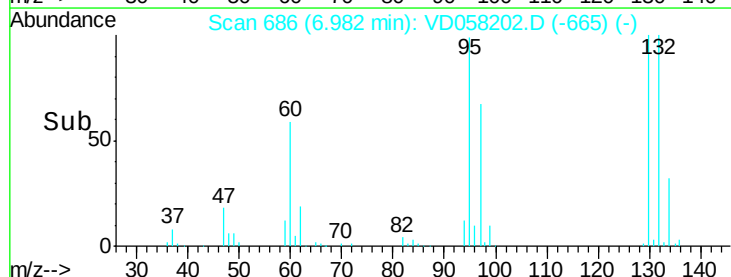
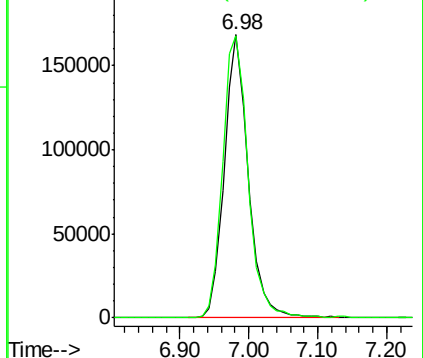
130 100

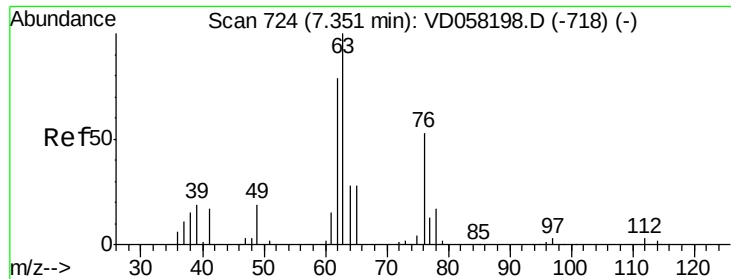
95 99.5 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

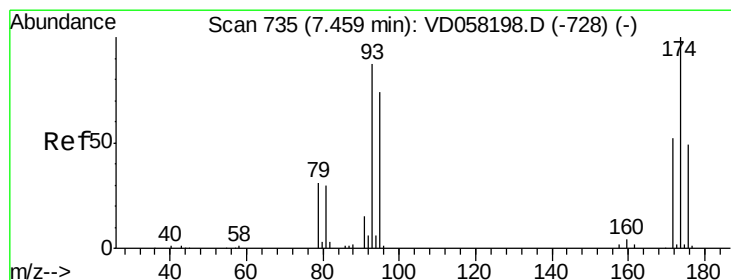
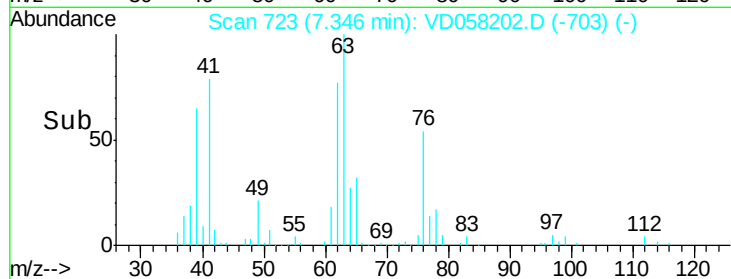
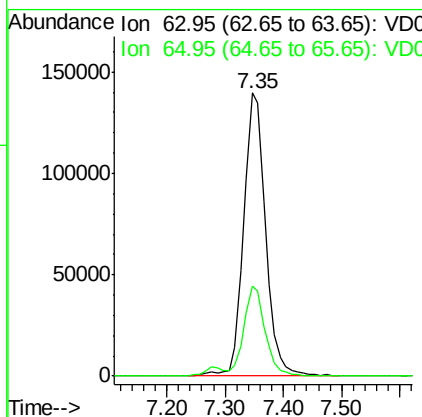
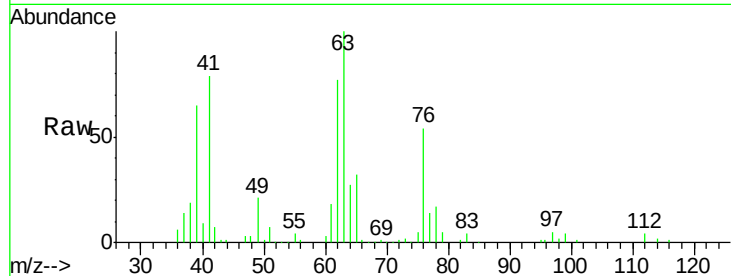




#45
 1,2-Dichloropropane
 Concen: 48.158 ug/l
 RT: 7.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

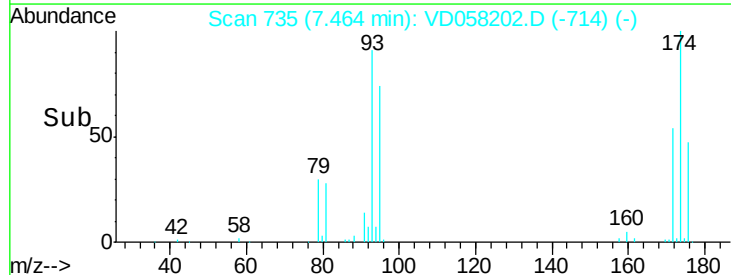
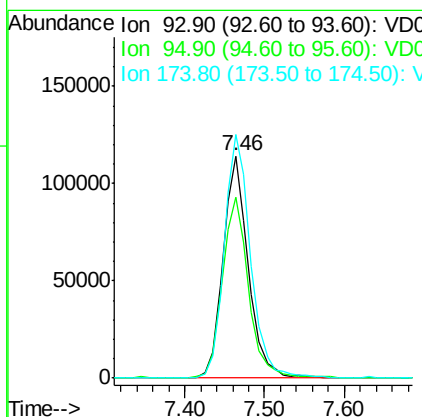
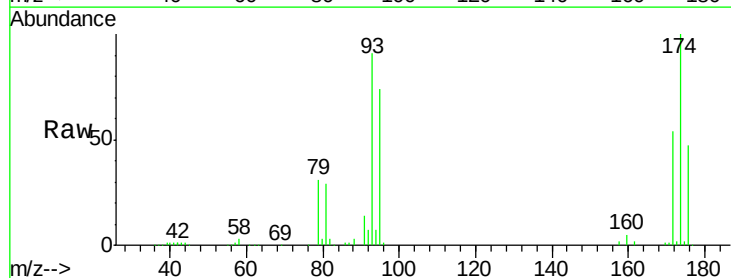
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

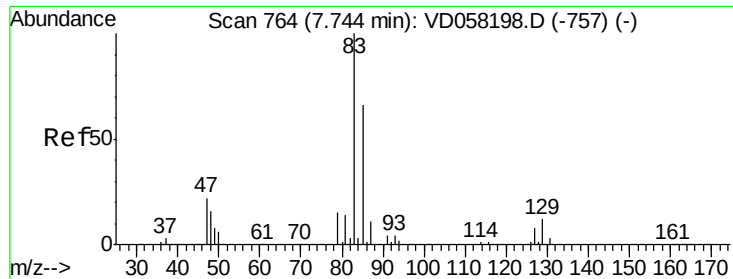
Tgt Ion: 63 Resp: 368101
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.0 36.0



#46
 Dibromomethane
 Concen: 48.589 ug/l
 RT: 7.46 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion: 93 Resp: 253533
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.8 101.6
 174 109.7 92.2 138.2





#47

Bromodichloromethane

Concen: 50.718 ug/l

RT: 7.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

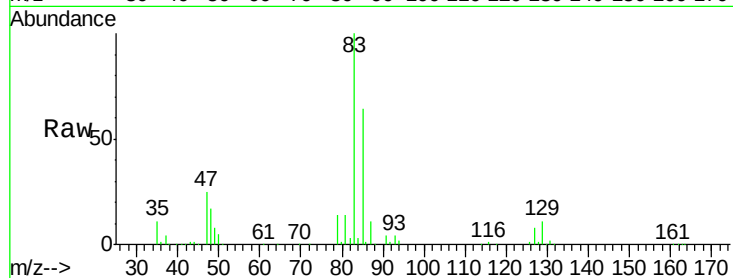
Tgt Ion: 83 Resp: 603484

Ion Ratio Lower Upper

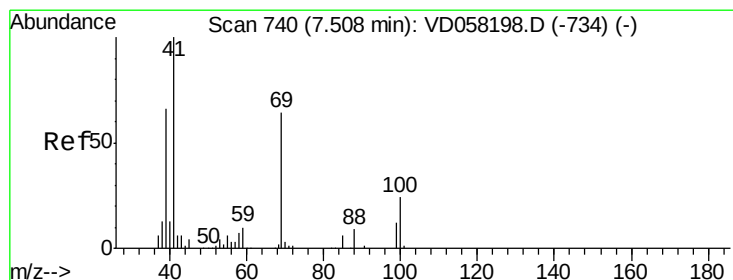
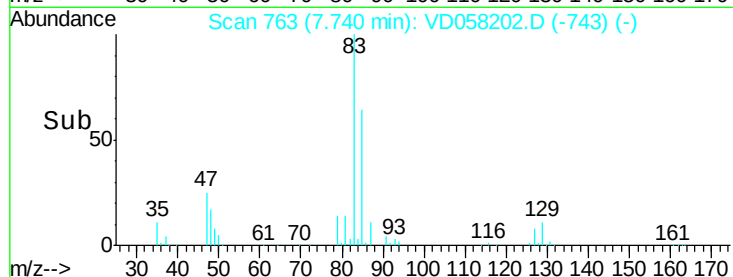
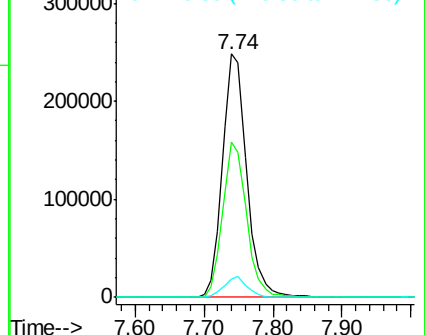
83 100

85 64.0 52.6 78.8

127 7.8 6.2 9.4



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: 48.394 ug/l

RT: 7.50 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

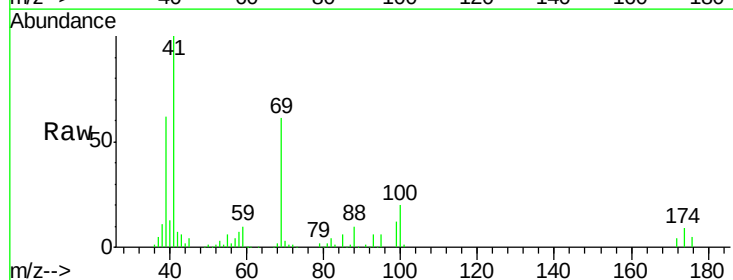
Tgt Ion: 41 Resp: 266194

Ion Ratio Lower Upper

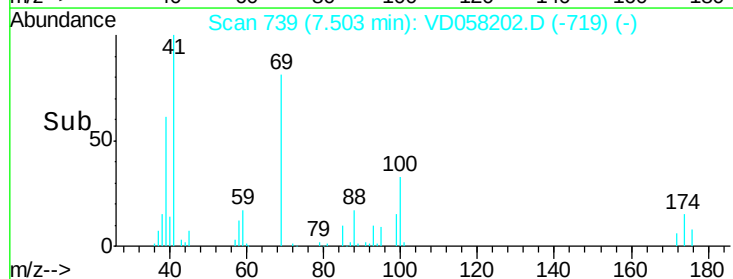
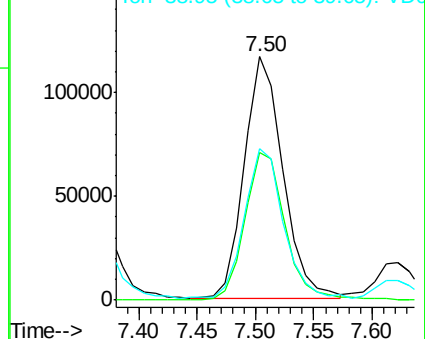
41 100

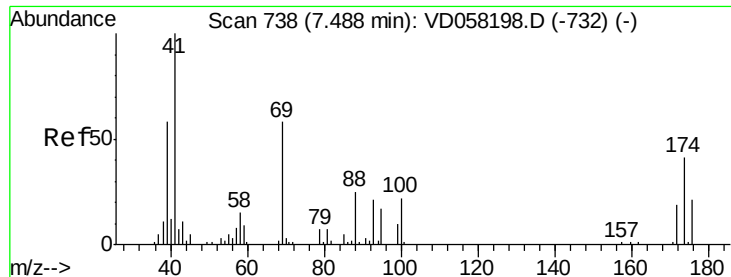
69 60.8 50.7 76.1

39 62.3 52.6 78.8



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

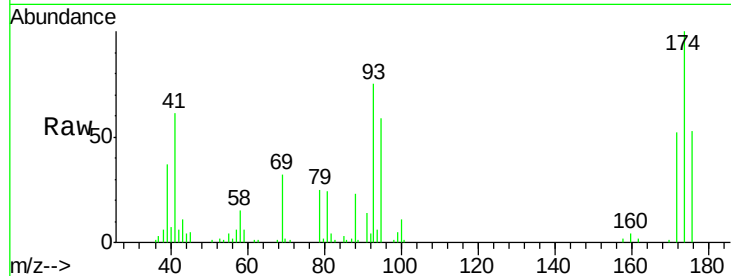




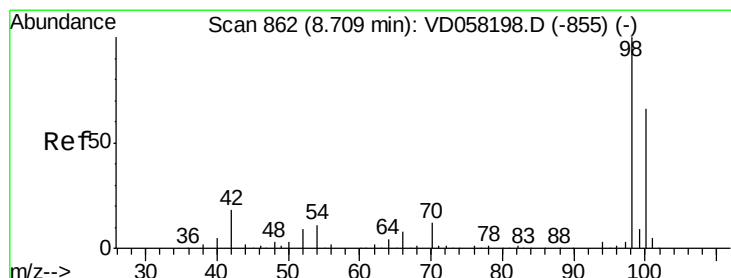
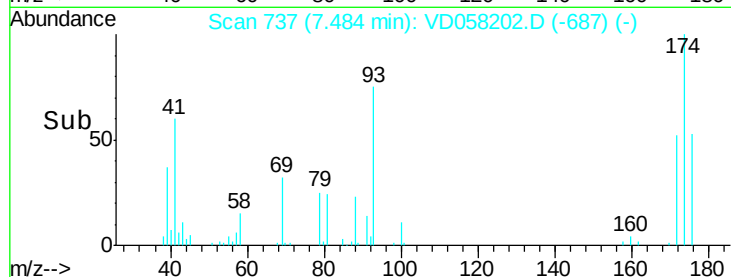
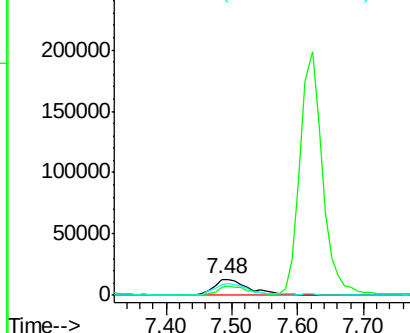
#49
1,4-Dioxane
Concen: 1043.491 ug/l
RT: 7.48 min Scan# 737
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

Tgt Ion: 88 Resp: 51812
Ion Ratio Lower Upper
88 100
43 46.6 34.2 51.2
58 64.1 47.9 71.9

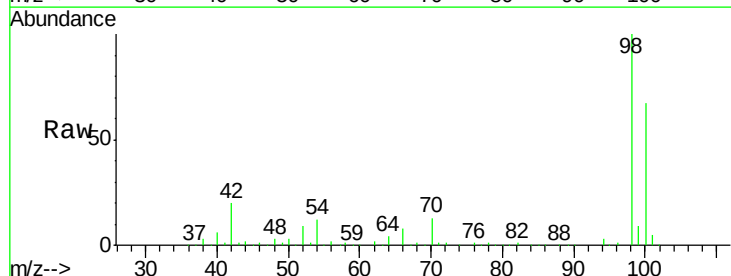


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

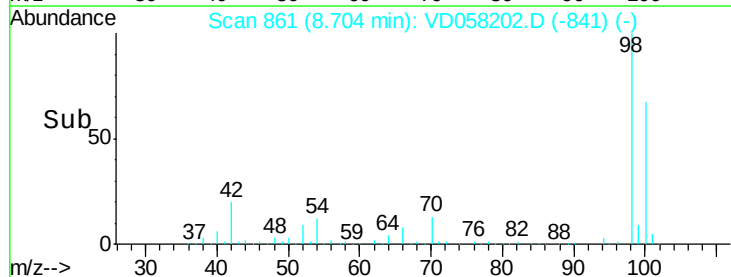
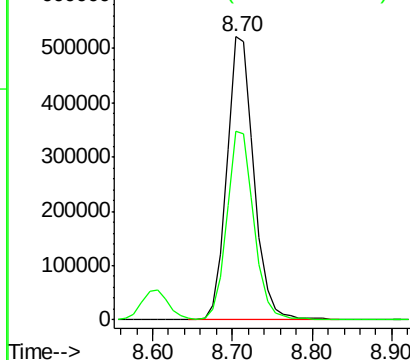


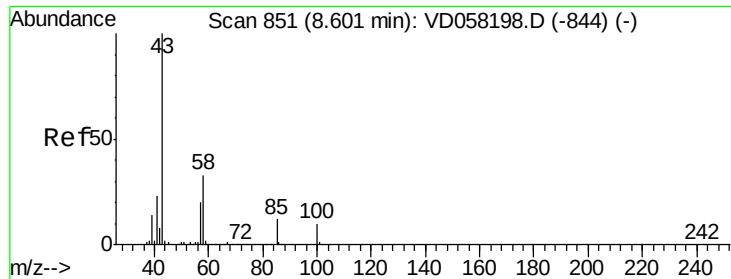
#50
Toluene-d8
Concen: 1043.491 ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion: 98 Resp: 1233975
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4



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

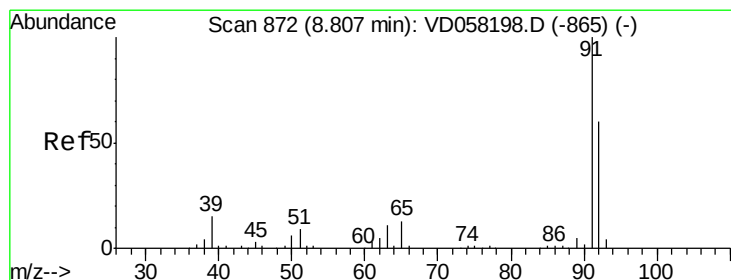
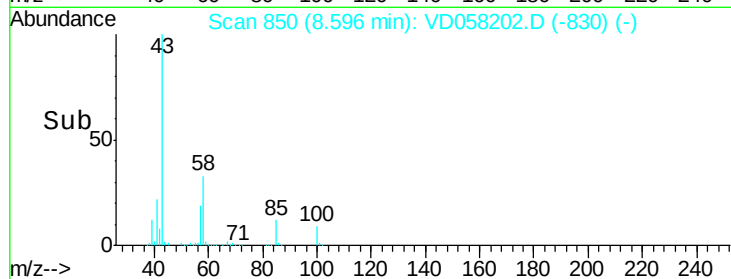
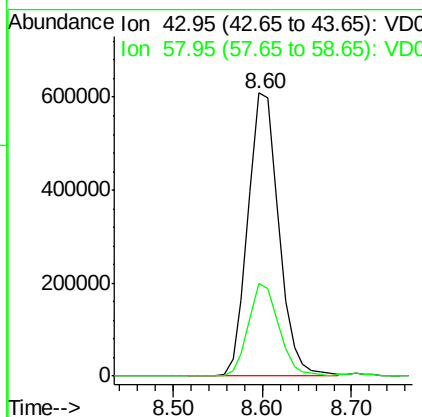
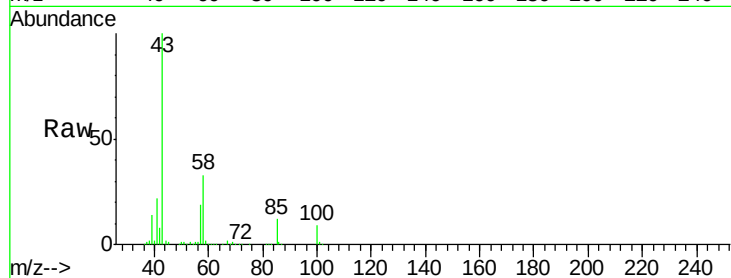




#51
 4-Methyl-2-Pentanone
 Concen: 246.378 ug/l
 RT: 8.60 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

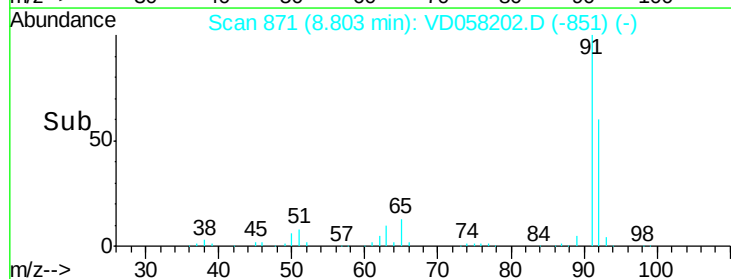
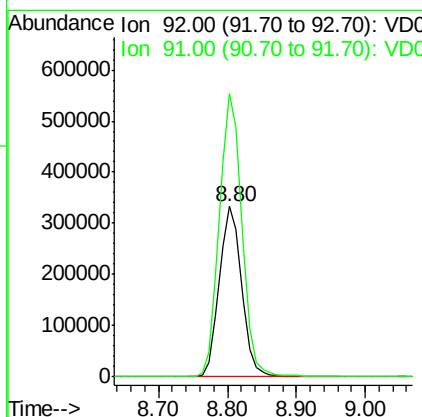
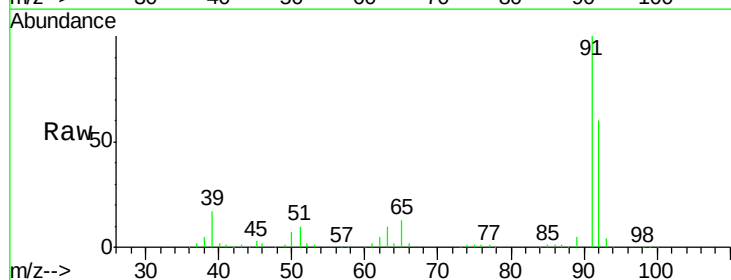
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

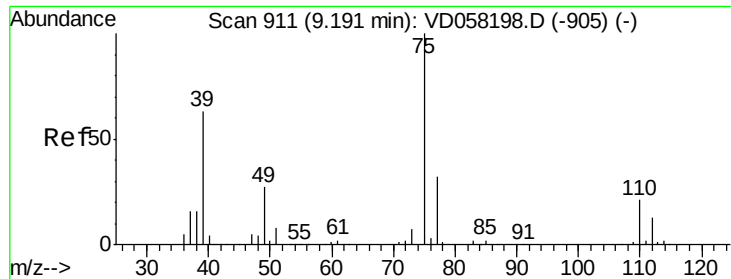
Tgt Ion: 43 Resp: 1454454
 Ion Ratio Lower Upper
 43 100
 58 32.5 26.7 40.1



#52
 Toluene
 Concen: 46.495 ug/l
 RT: 8.80 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion: 92 Resp: 751401
 Ion Ratio Lower Upper
 92 100
 91 166.2 133.2 199.8

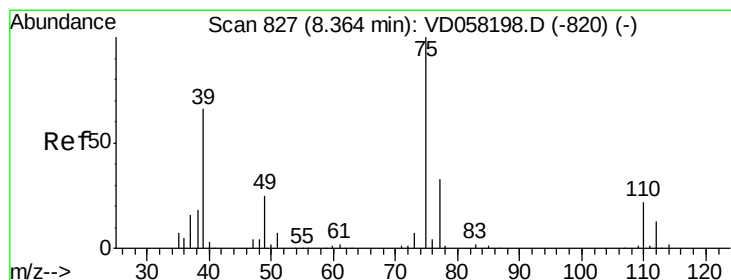
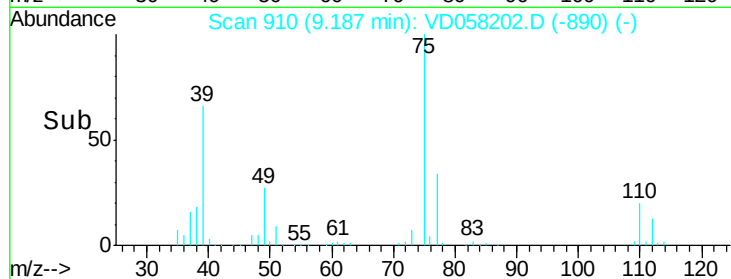
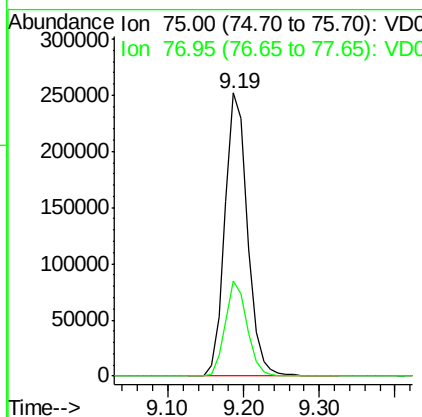
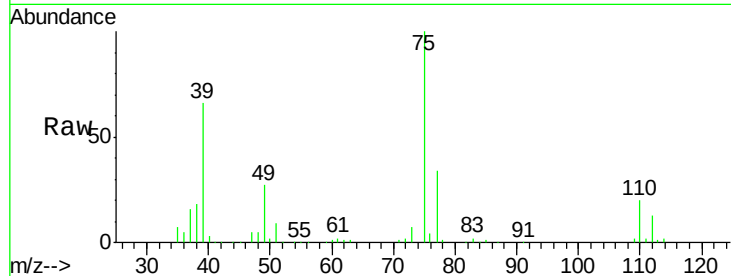




#53
 t-1,3-Dichloropropene
 Concen: 50.332 ug/l
 RT: 9.19 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

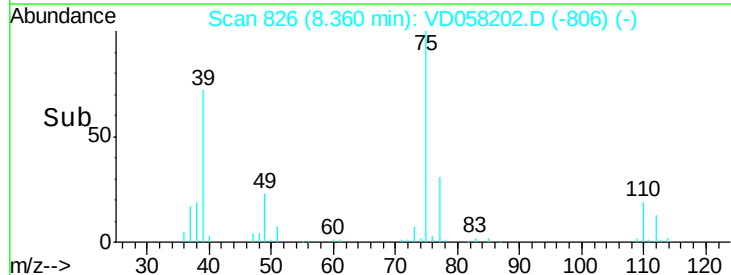
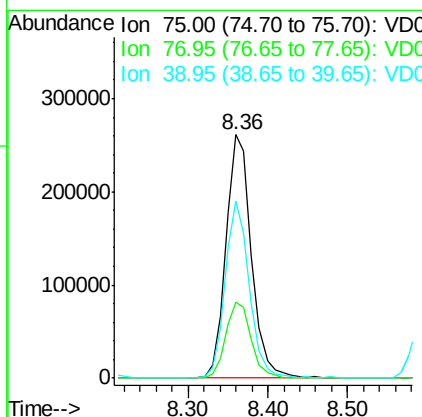
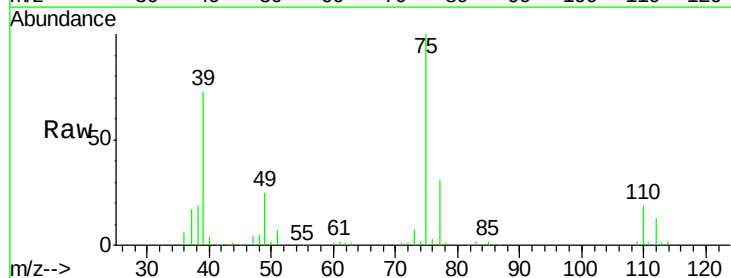
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

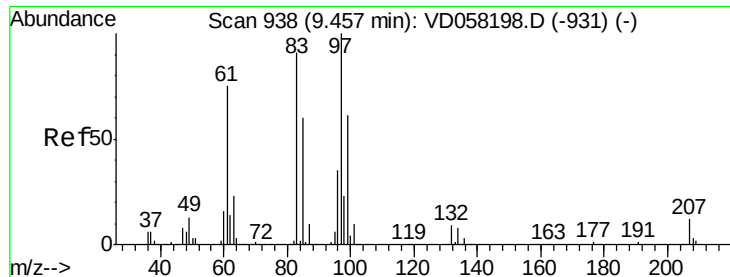
Tgt Ion: 75 Resp: 520695
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.348 ug/l
 RT: 8.36 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion: 75 Resp: 586373
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.5 39.7
 39 72.5 52.9 79.3





#55

1,1,2-Trichloroethane

Concen: 47.266 ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

Tgt Ion: 97 Resp: 270255

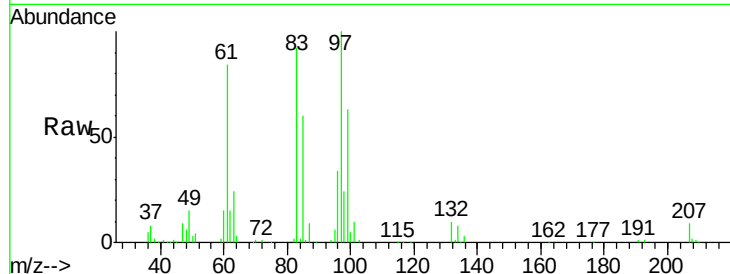
Ion Ratio Lower Upper

97 100

83 91.6 72.9 109.3

85 59.8 48.2 72.4

99 63.2 48.9 73.3

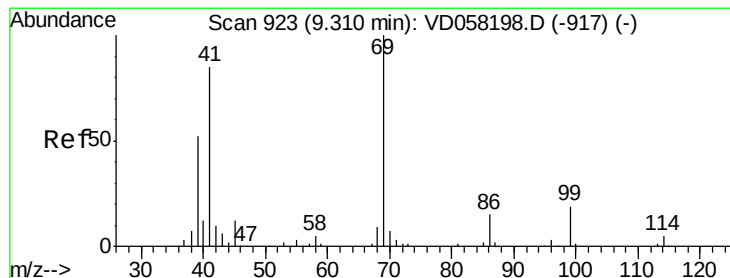
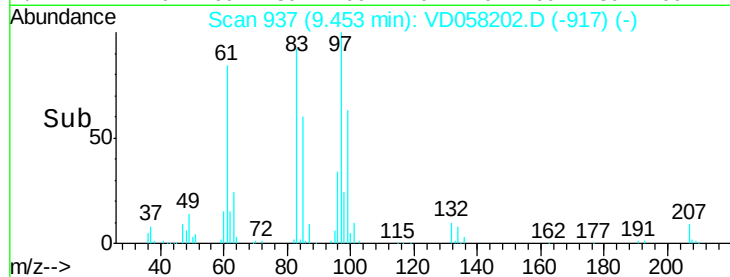
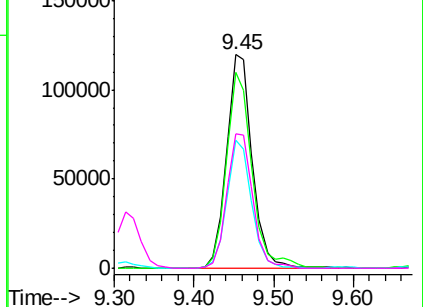


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 49.231 ug/l

RT: 9.31 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

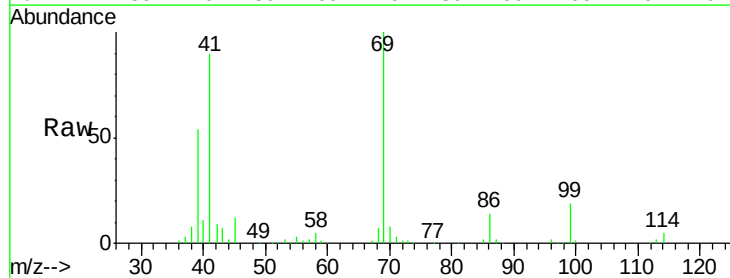
Tgt Ion: 69 Resp: 336648

Ion Ratio Lower Upper

69 100

41 89.8 67.6 101.4

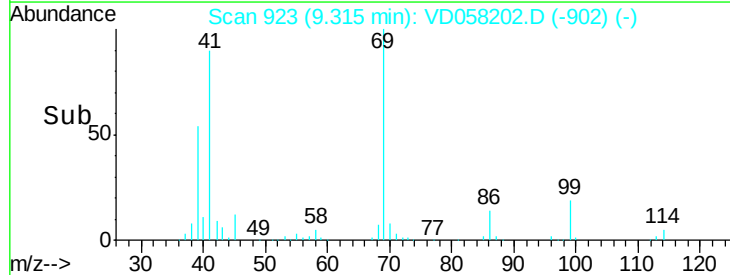
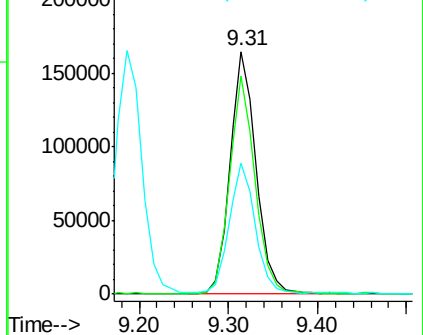
39 53.9 42.2 63.2

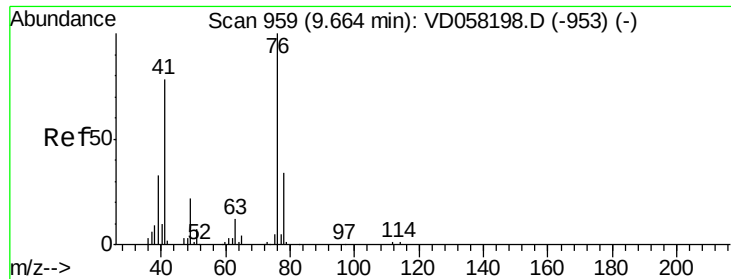


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

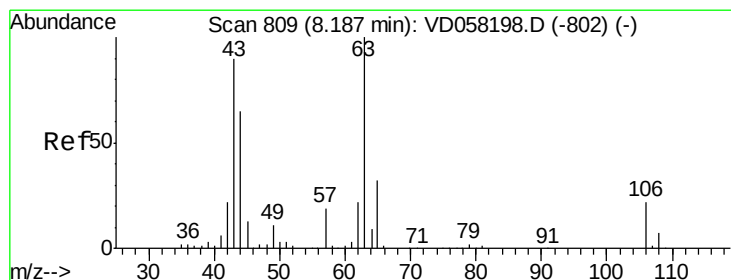
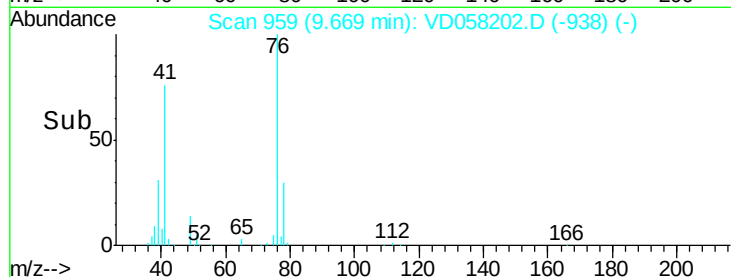
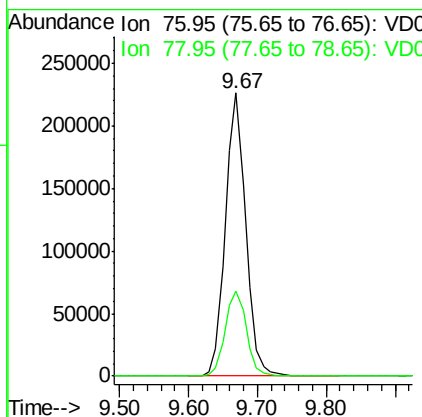
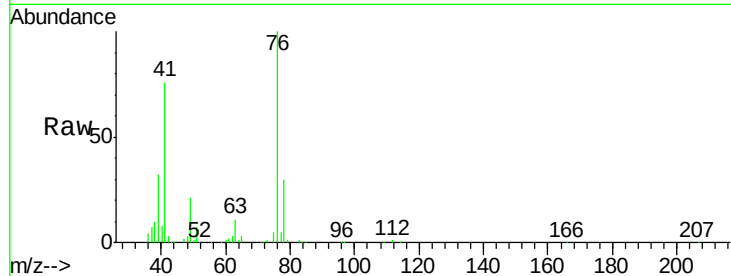




#57
 1,3-Dichloropropane
 Concen: 48.066 ug/l
 RT: 9.67 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

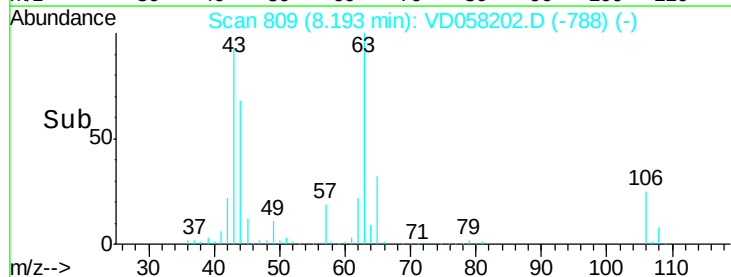
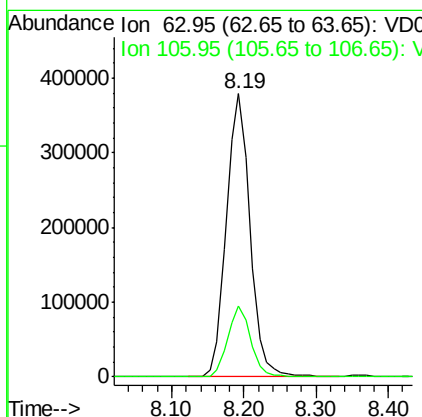
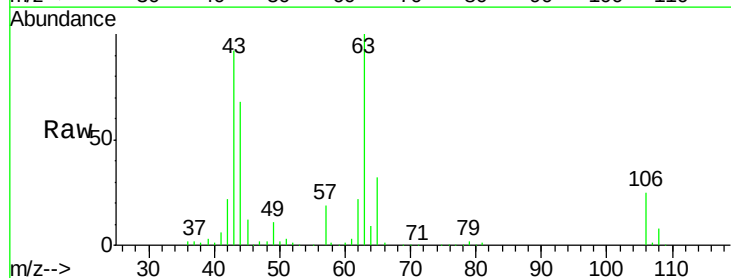
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

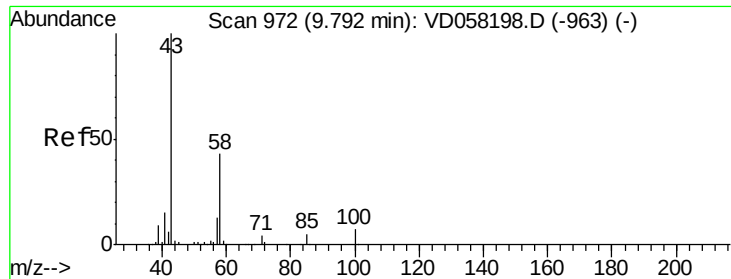
Tgt Ion: 76 Resp: 462945
 Ion Ratio Lower Upper
 76 100
 78 30.1 27.0 40.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.849 ug/l
 RT: 8.19 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion: 63 Resp: 862716
 Ion Ratio Lower Upper
 63 100
 106 25.1 18.0 27.0

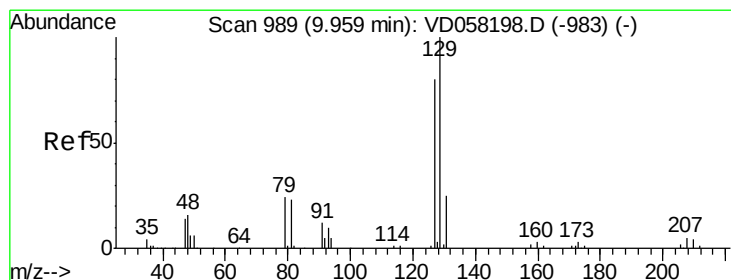
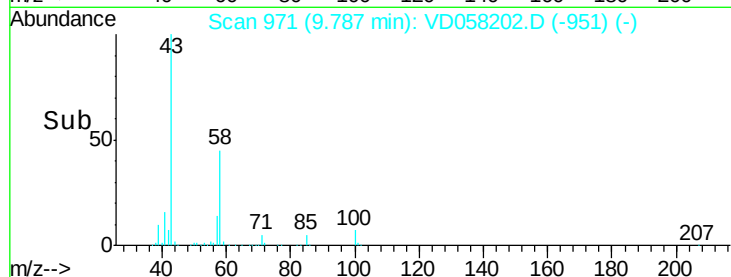
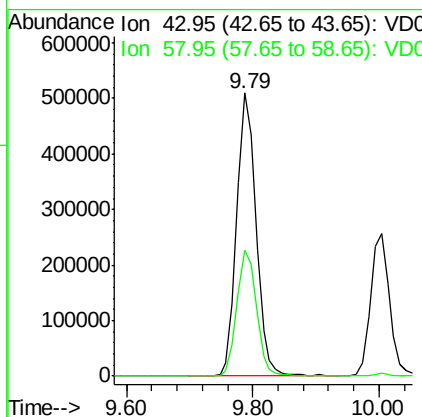
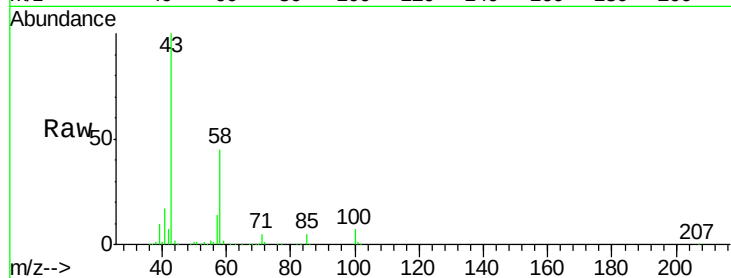




#59
2-Hexanone
Concen: 252.777 ug/l
RT: 9.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

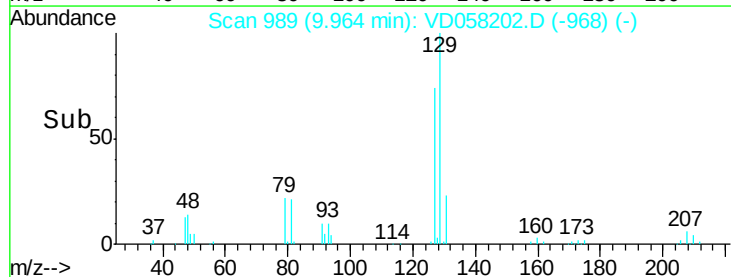
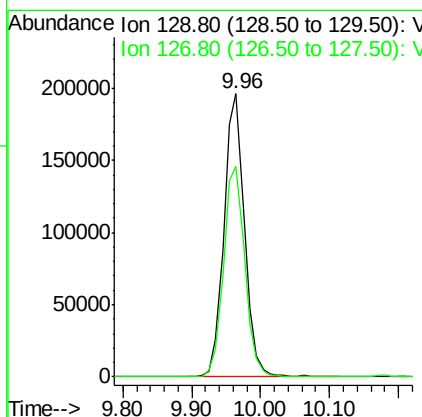
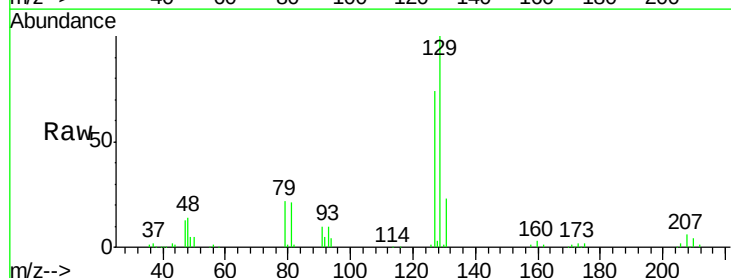
Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

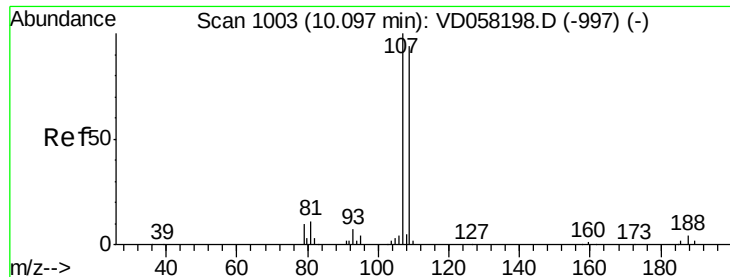
Tgt Ion: 43 Resp: 1078254
Ion Ratio Lower Upper
43 100
58 44.6 21.7 65.1



#60
Dibromochloromethane
Concen: 51.917 ug/l
RT: 9.96 min Scan# 989
Delta R.T. 0.01 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion: 129 Resp: 402858
Ion Ratio Lower Upper
129 100
127 74.3 39.8 119.4





#61

1,2-Dibromoethane

Concen: 50.383 ug/l

RT: 10.09 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

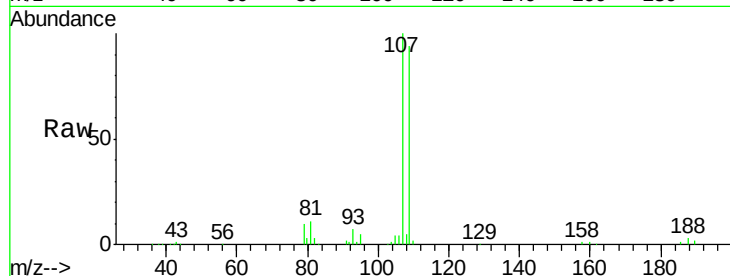
ICVVD061918

Tgt Ion: 107 Resp: 315299

Ion Ratio Lower Upper

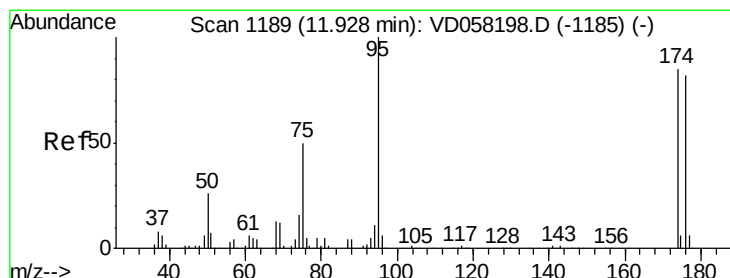
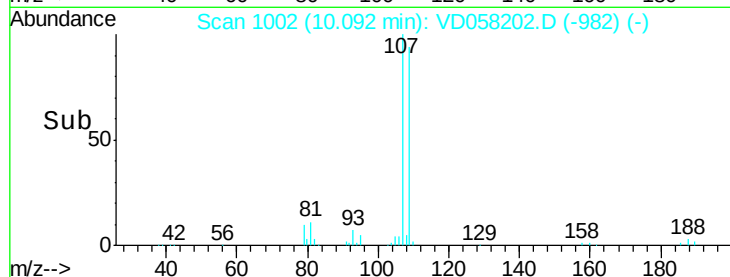
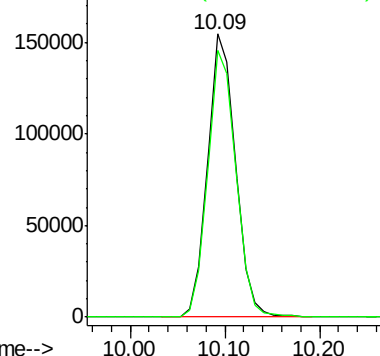
107 100

109 94.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 50.383 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

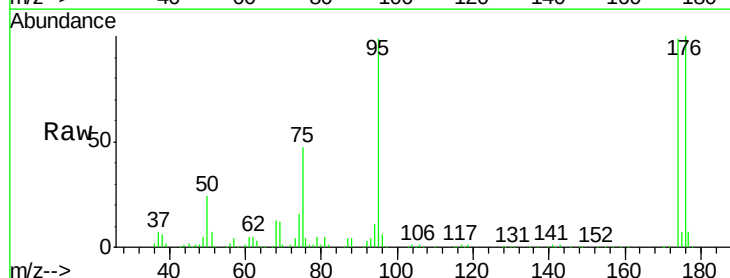
Tgt Ion: 95 Resp: 514528

Ion Ratio Lower Upper

95 100

174 100.6 0.0 170.2

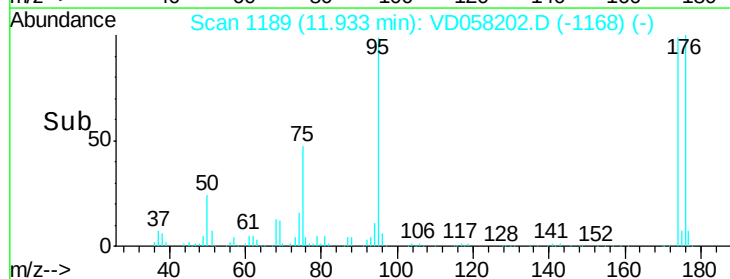
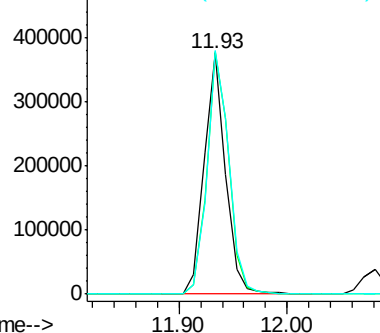
176 101.3 0.0 164.6

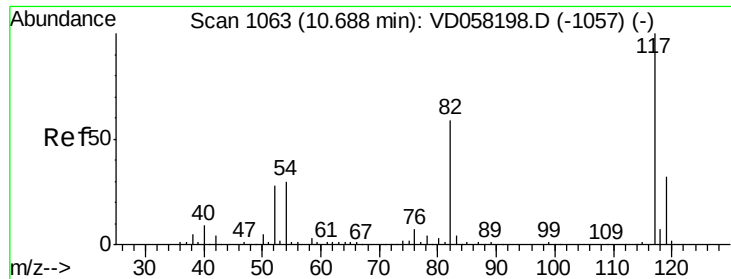


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

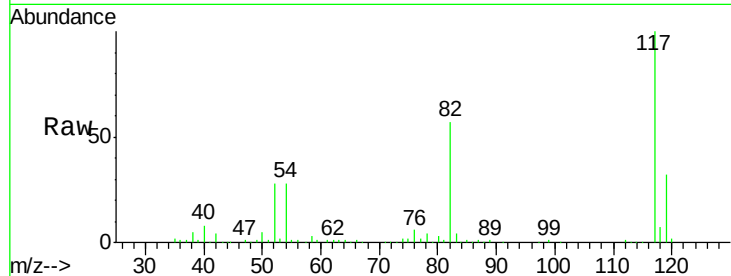




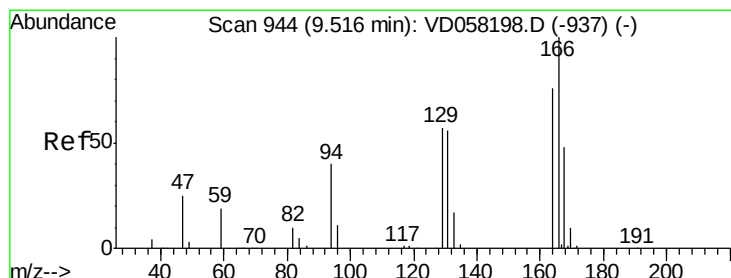
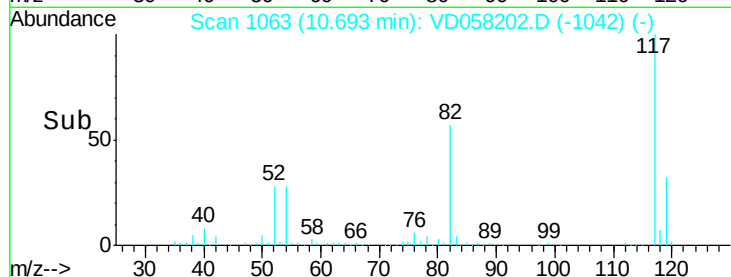
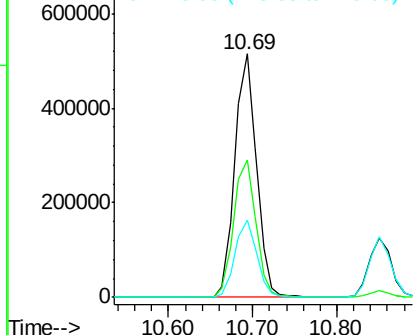
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

Tgt Ion:117 Resp: 924141
Ion Ratio Lower Upper
117 100
82 56.7 47.0 70.6
119 31.9 25.3 37.9

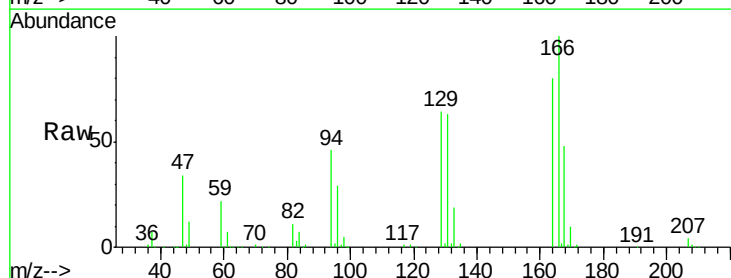


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

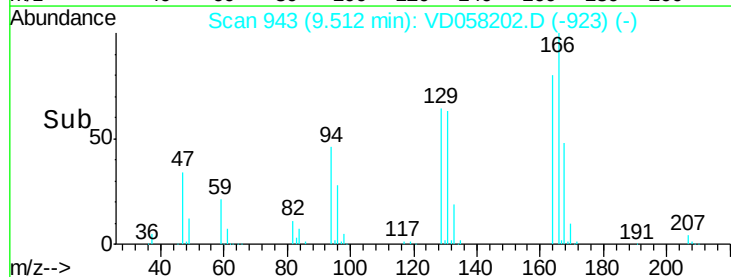
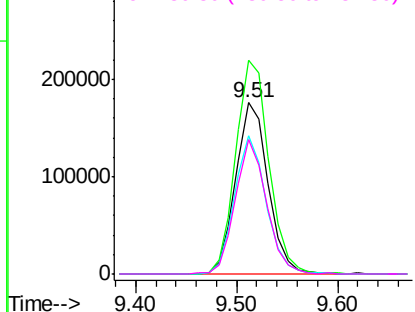


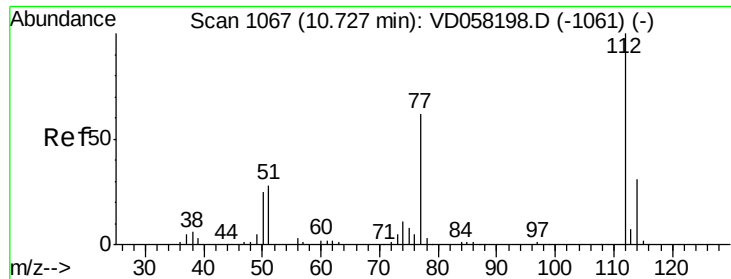
#64
Tetrachloroethene
Concen: 50.879 ug/l
RT: 9.51 min Scan# 943
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion:164 Resp: 395632
Ion Ratio Lower Upper
164 100
166 124.6 105.4 158.0
129 80.3 59.6 89.4
131 78.4 59.4 89.2



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

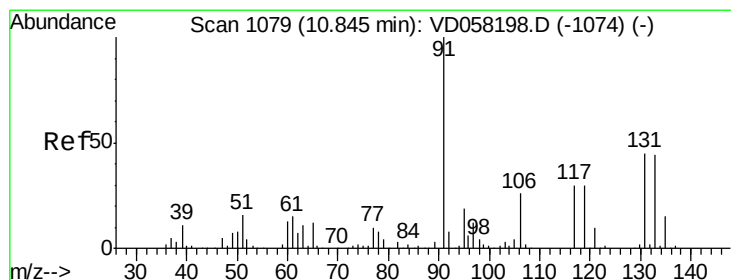
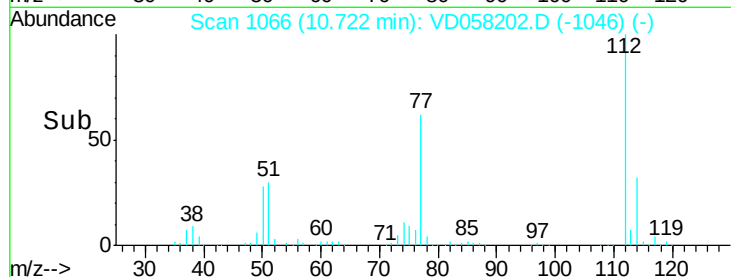
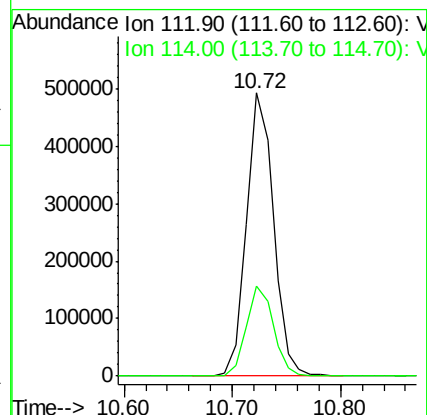
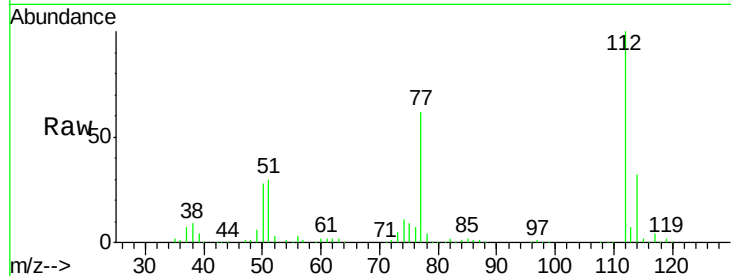




#65
Chlorobenzene
Concen: 49.573 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

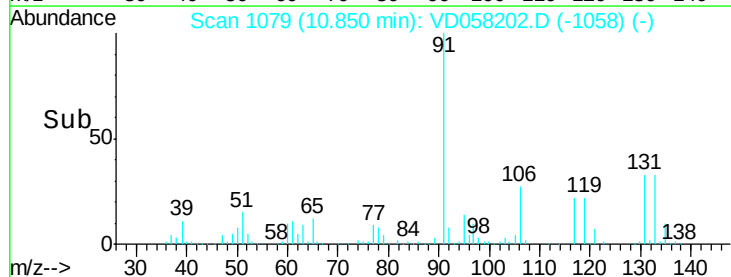
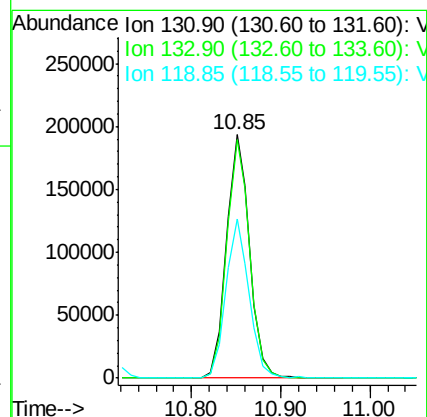
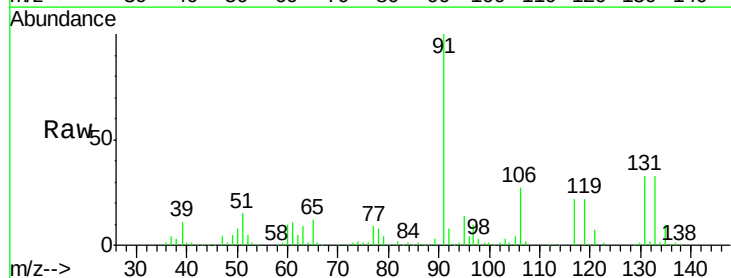
Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

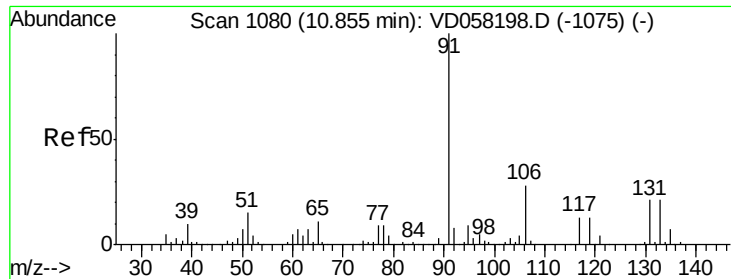
Tgt Ion:112 Resp: 856938
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.974 ug/l
RT: 10.85 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion:131 Resp: 353393
Ion Ratio Lower Upper
131 100
133 98.1 48.6 145.9
119 65.5 33.0 99.0

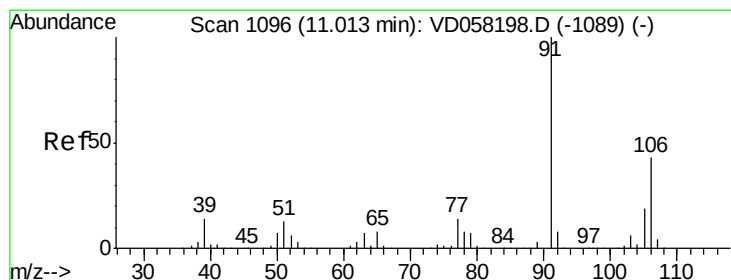
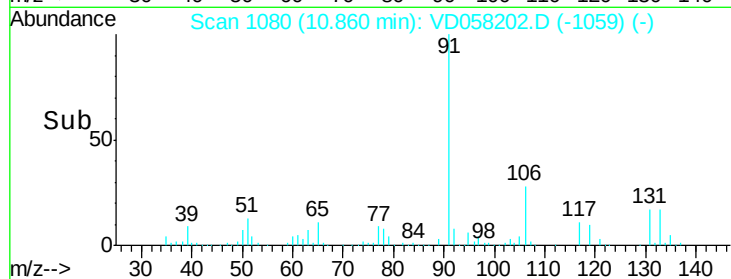
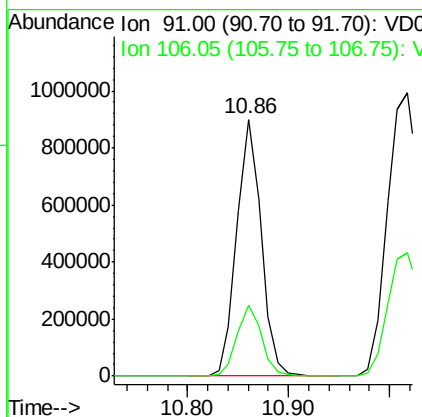
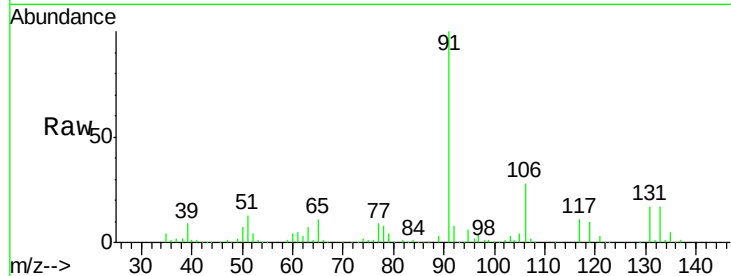




#67
 Ethyl Benzene
 Concen: 49.946 ug/l
 RT: 10.86 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

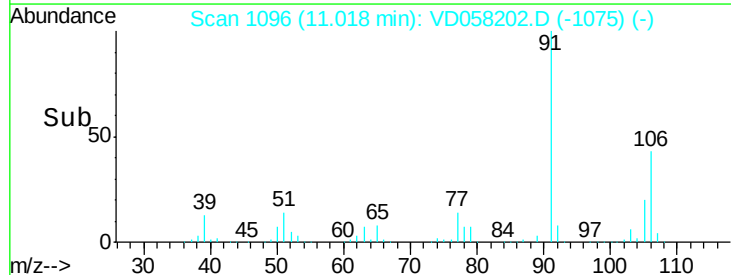
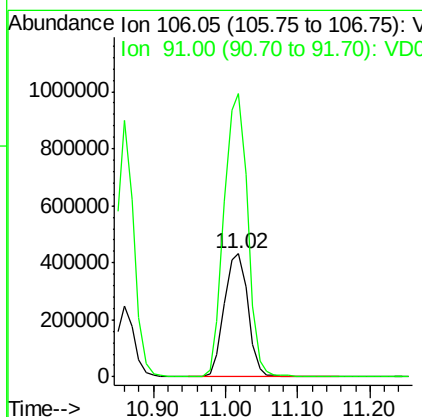
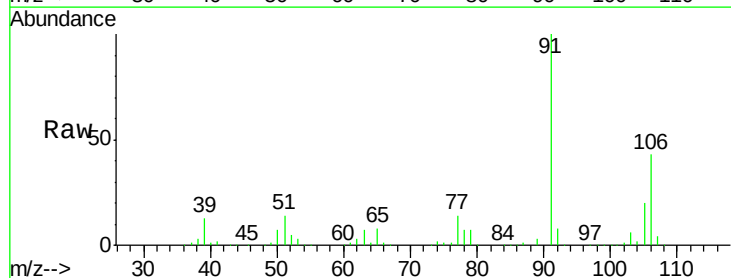
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

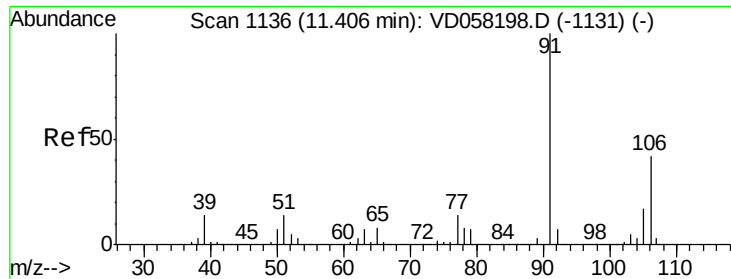
Tgt Ion: 91 Resp: 1524267
 Ion Ratio Lower Upper
 91 100
 106 27.7 22.0 33.0



#68
 m/p-Xylenes
 Concen: 96.458 ug/l
 RT: 11.02 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion: 106 Resp: 981670
 Ion Ratio Lower Upper
 106 100
 91 229.9 185.0 277.6

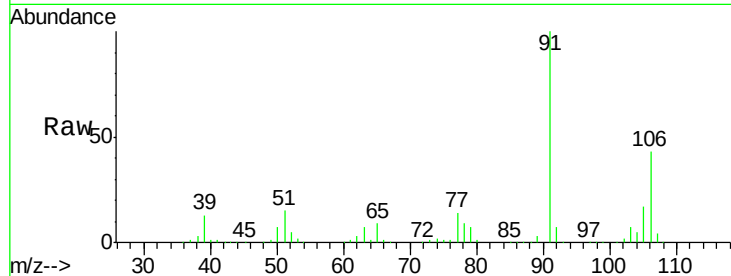




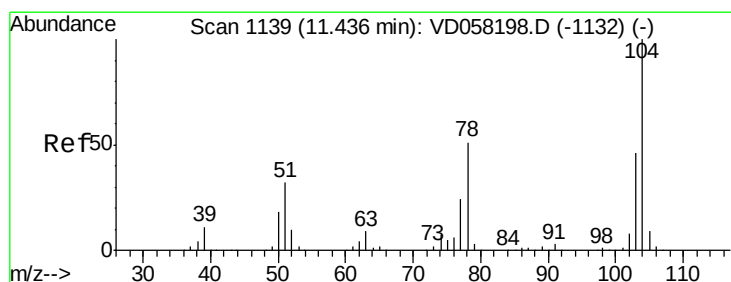
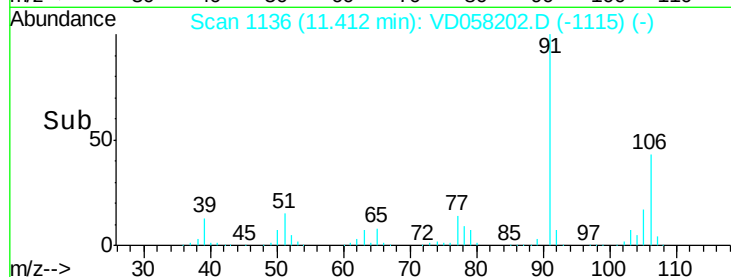
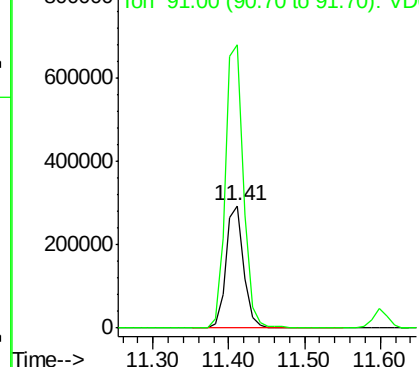
#69
o-Xylene
Concen: 49.144 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

Tgt Ion:106 Resp: 477690
Ion Ratio Lower Upper
106 100
91 231.6 120.2 360.6

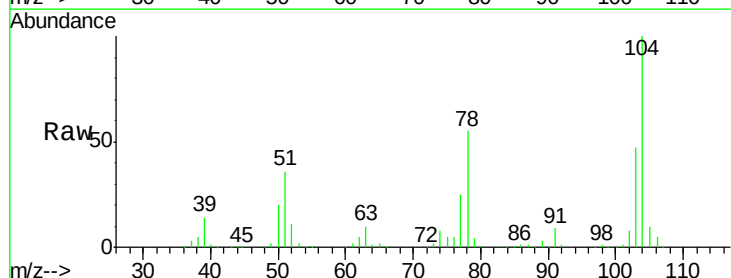


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

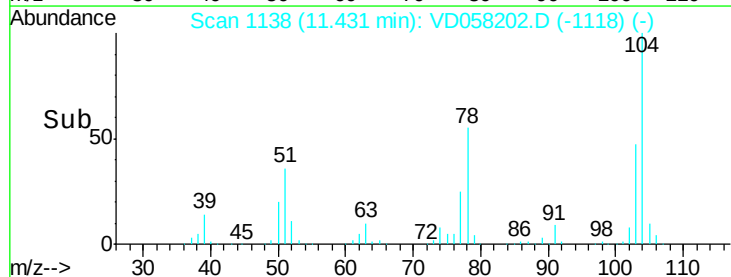
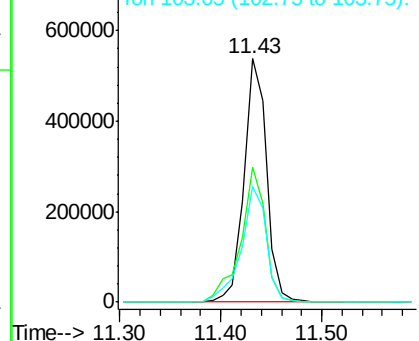


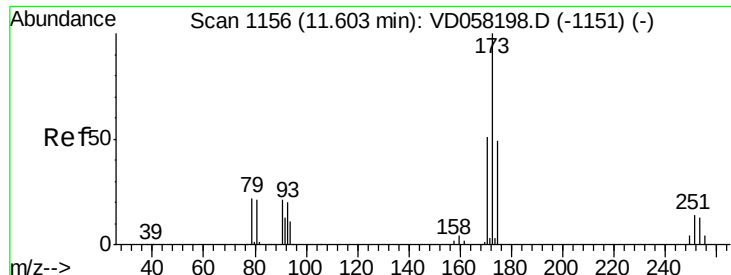
#70
Styrene
Concen: 50.330 ug/l
RT: 11.43 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion:104 Resp: 834815
Ion Ratio Lower Upper
104 100
78 55.2 40.8 61.2
103 47.4 37.0 55.6



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

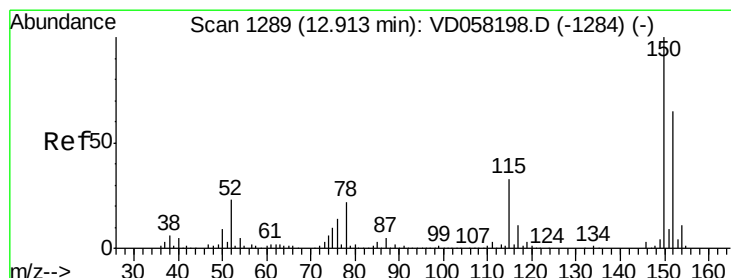
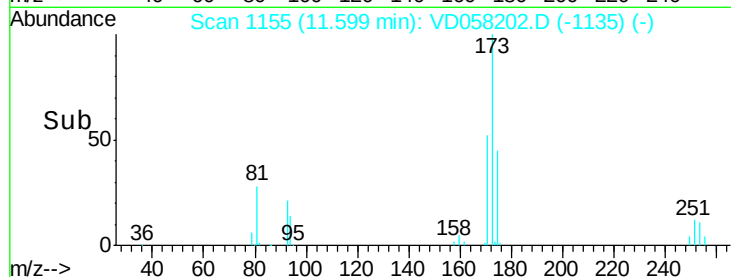
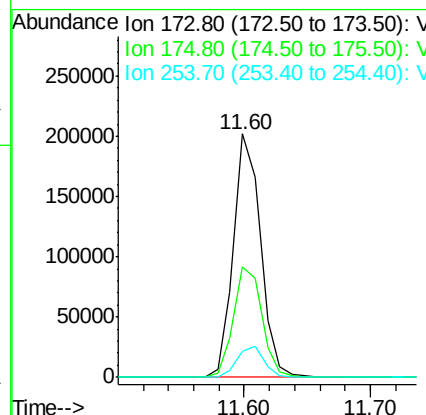
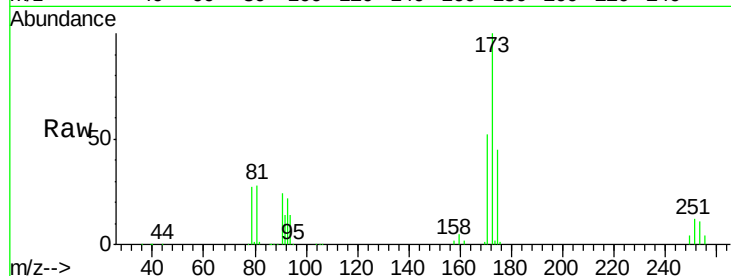




#71
Bromoform
Concen: 56.078 ug/l
RT: 11.60 min Scan# 1155
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

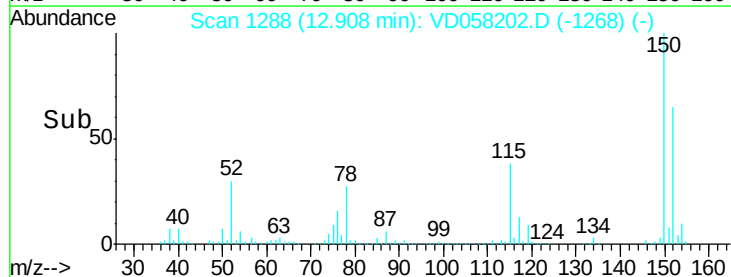
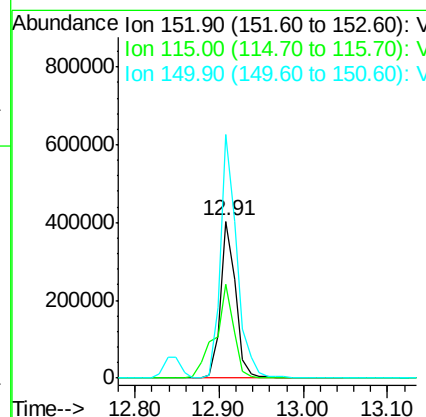
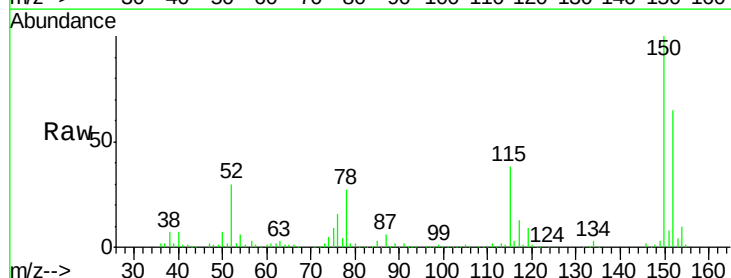
Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

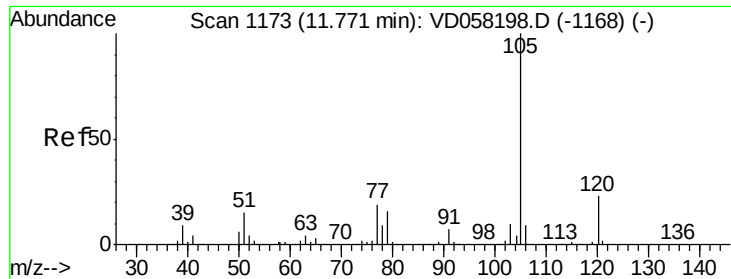
Tgt Ion:173 Resp: 298427
Ion Ratio Lower Upper
173 100
175 45.3 24.6 74.0
254 10.5 10.3 15.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion:152 Resp: 502743
Ion Ratio Lower Upper
152 100
115 59.4 25.1 75.3
150 154.9 0.0 308.8





#73

Isopropylbenzene

Concen: 48.420 ug/l

RT: 11.78 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

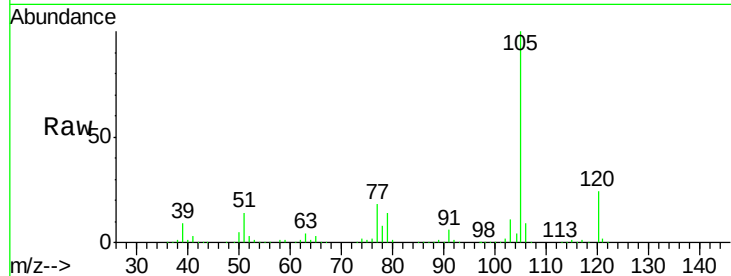
ICVVD061918

Tgt Ion:105 Resp: 1456062

Ion Ratio Lower Upper

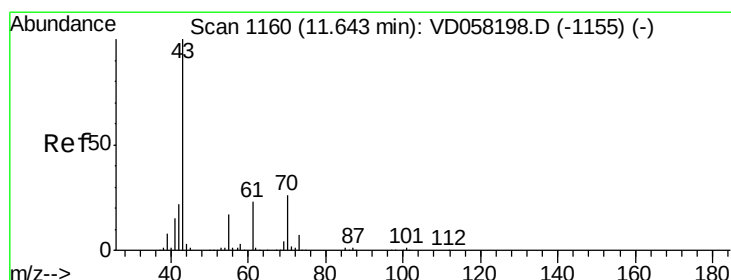
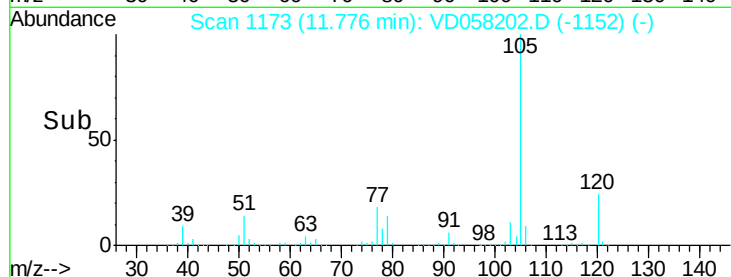
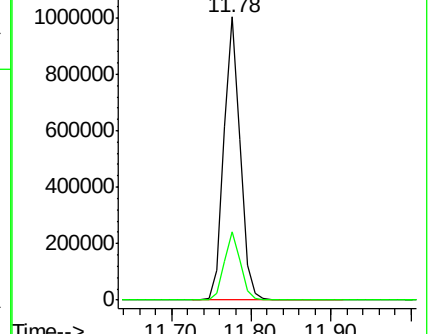
105 100

120 24.3 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 48.613 ug/l

RT: 11.65 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Tgt Ion: 43 Resp: 565242

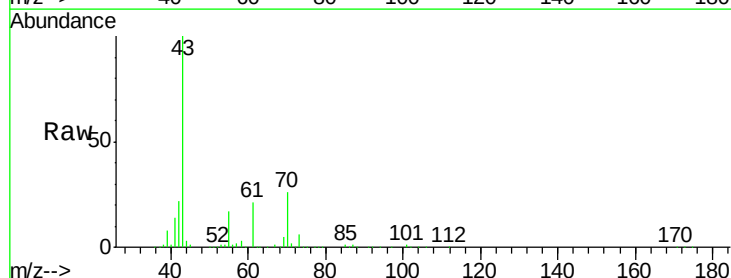
Ion Ratio Lower Upper

43 100

70 26.0 20.9 31.3

55 16.5 13.5 20.3

61 21.0 18.2 27.2

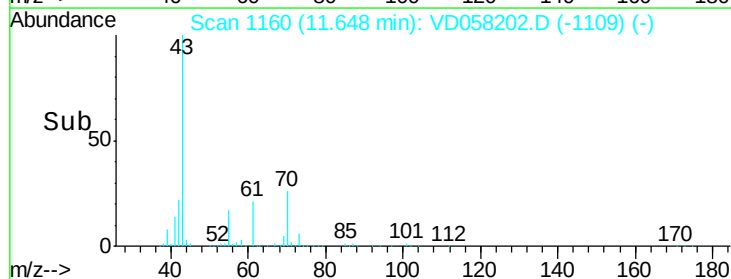
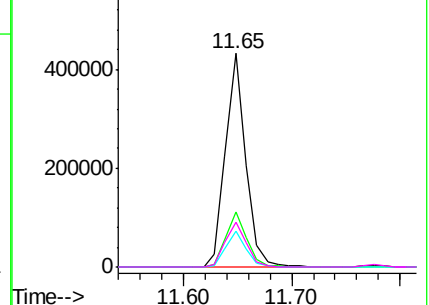


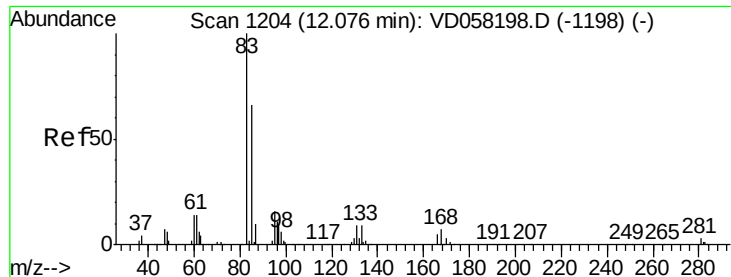
Abundance Ion 42.95 (42.65 to 43.65): V

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: 47.384 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

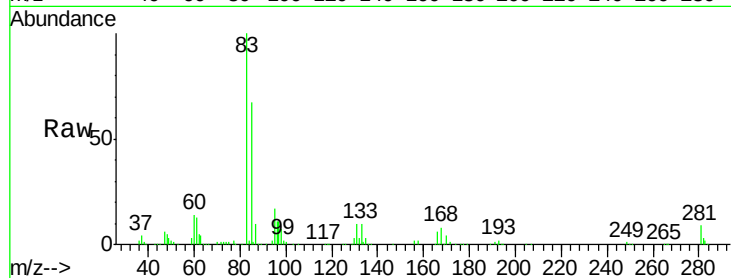
Tgt Ion: 83 Resp: 331594

Ion Ratio Lower Upper

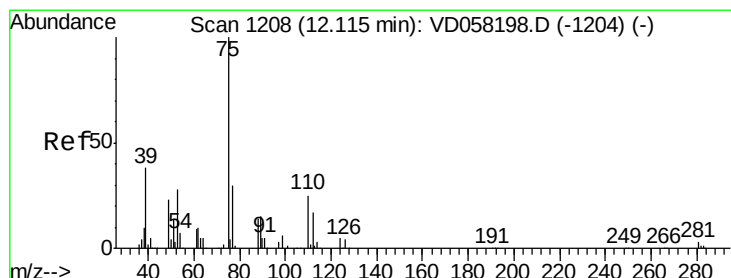
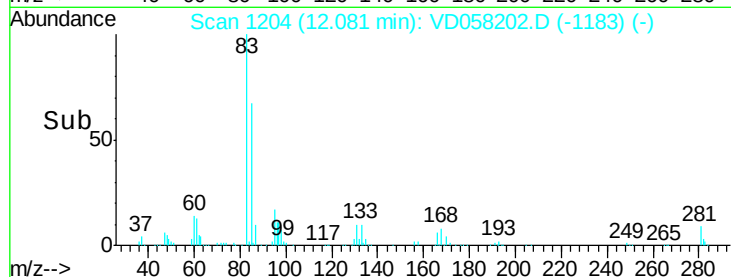
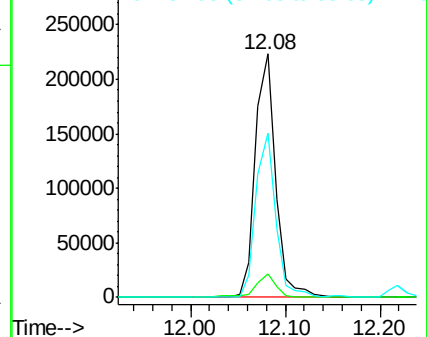
83 100

131 9.7 4.8 14.3

85 67.3 33.1 99.5



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: 47.078 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VD058202.D

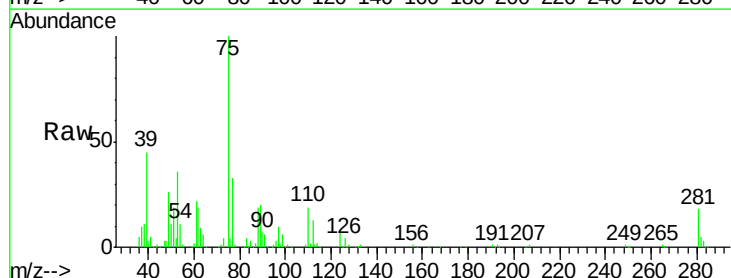
Acq: 19 Jun 2018 19:10

Tgt Ion: 75 Resp: 345560

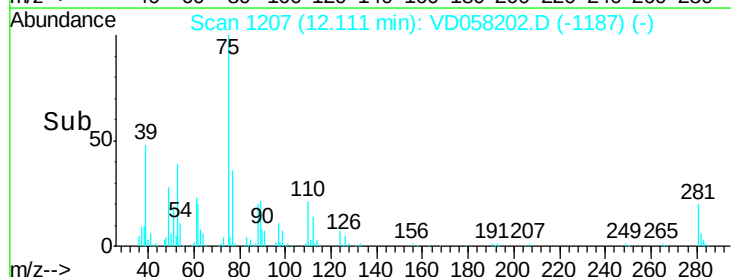
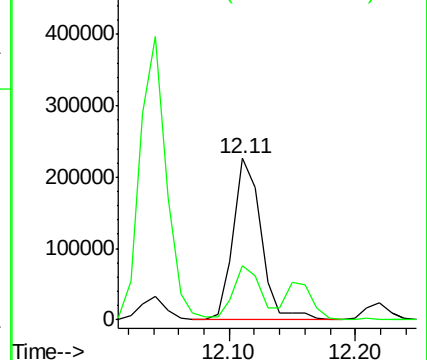
Ion Ratio Lower Upper

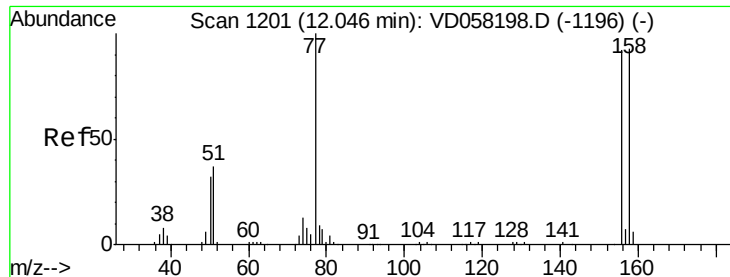
75 100

77 33.4 16.0 47.9



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 49.054 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

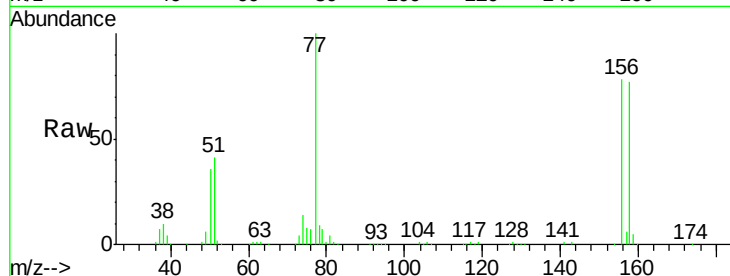
Tgt Ion:156 Resp: 441720

Ion Ratio Lower Upper

156 100

77 128.3 54.5 163.6

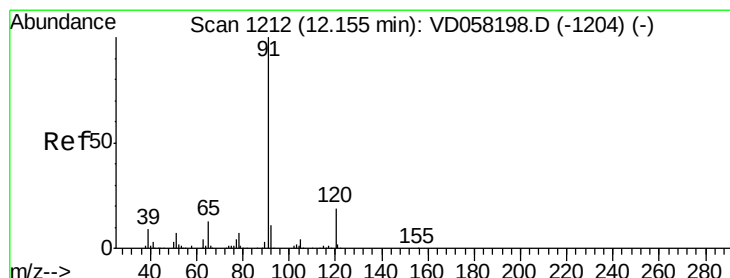
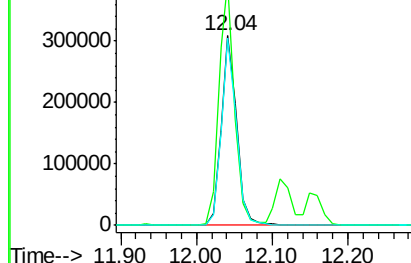
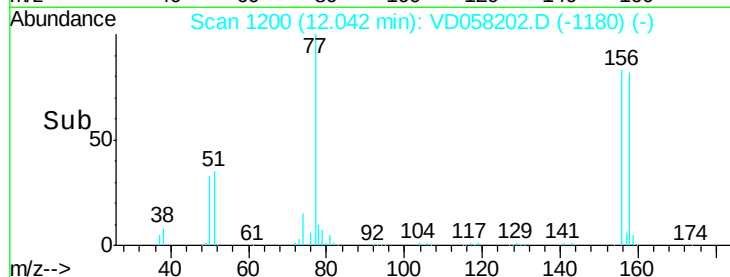
158 98.4 50.8 152.5



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: 46.903 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.01 min

Lab File: VD058202.D

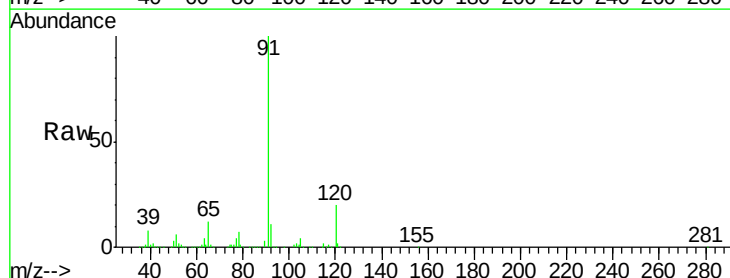
Acq: 19 Jun 2018 19:10

Tgt Ion: 91 Resp: 1821443

Ion Ratio Lower Upper

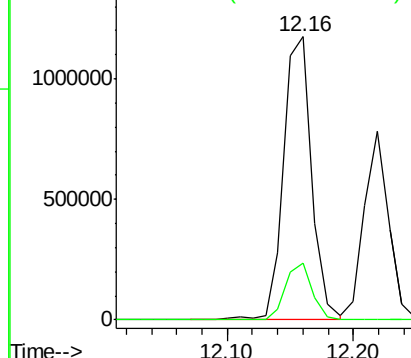
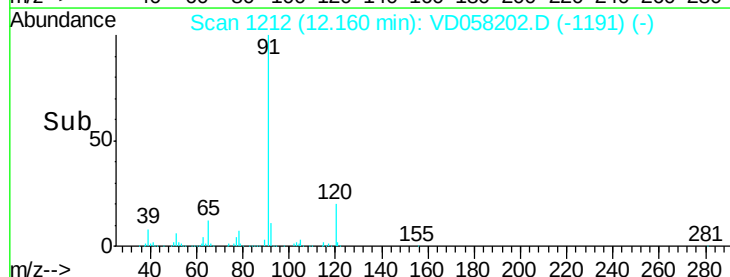
91 100

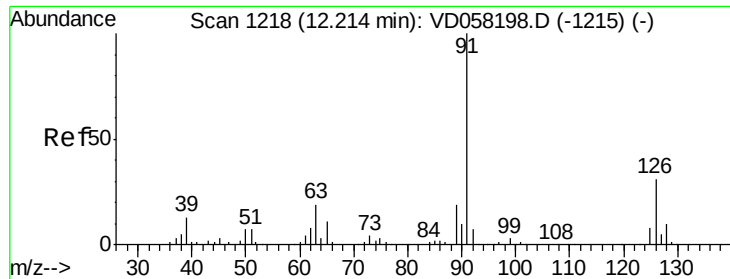
120 19.9 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

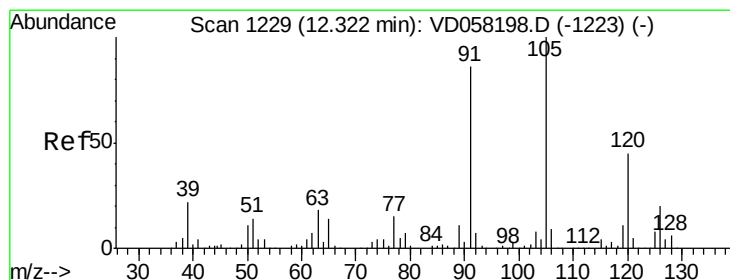
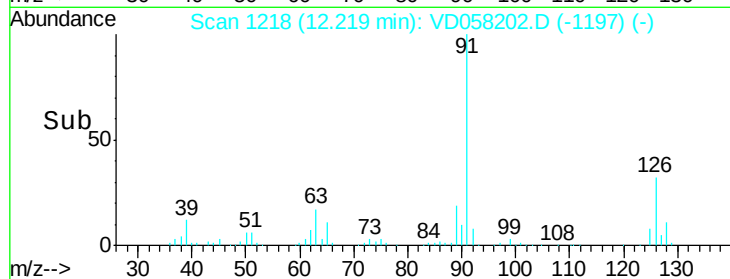
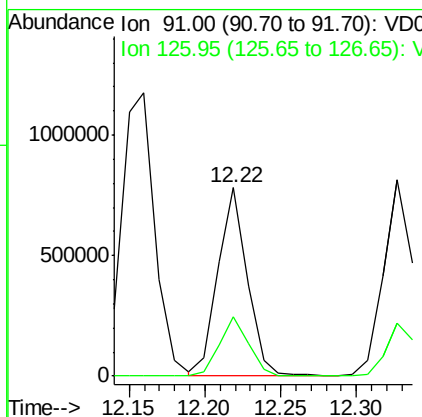
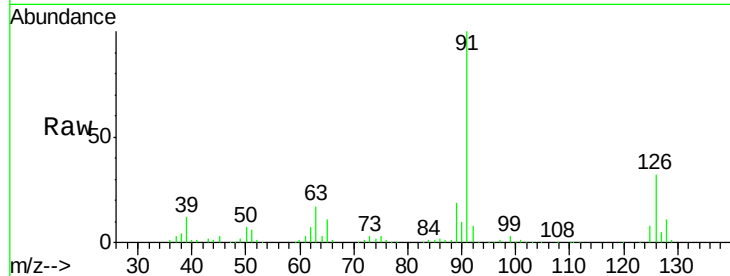




#79
 2-Chlorotoluene
 Concen: 47.291 ug/l
 RT: 12.22 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

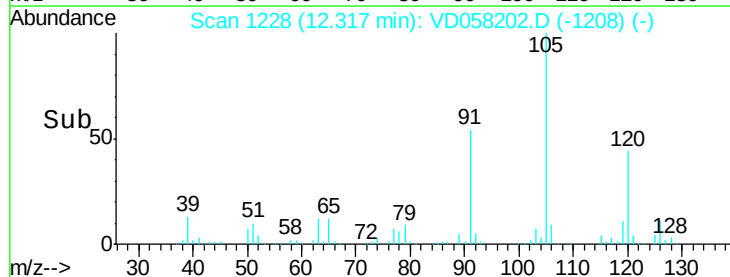
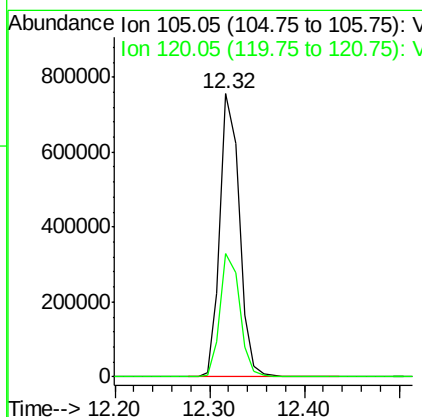
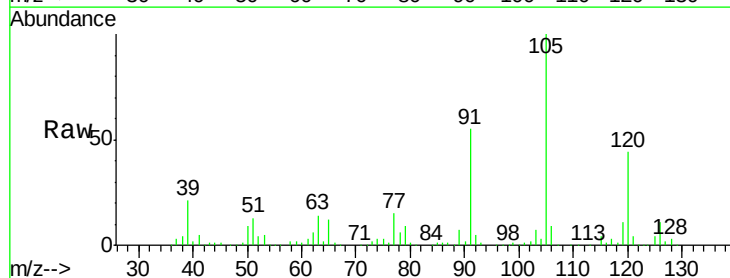
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

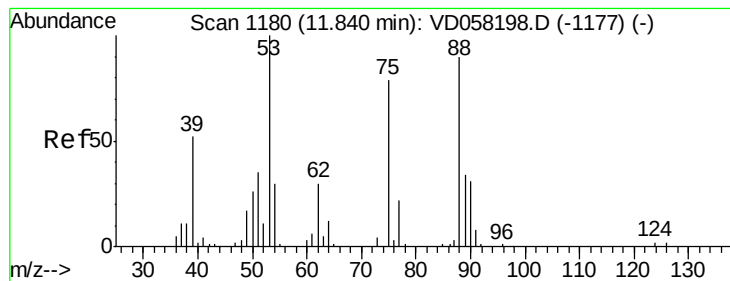
Tgt Ion: 91 Resp: 1050915
 Ion Ratio Lower Upper
 91 100
 126 31.8 14.9 44.5



#80
 1,3,5-Trimethylbenzene
 Concen: 46.099 ug/l
 RT: 12.32 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion: 105 Resp: 1081238
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.5 67.5





#81

trans-1,4-Dichloro-2-butene

Concen: 52.366 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

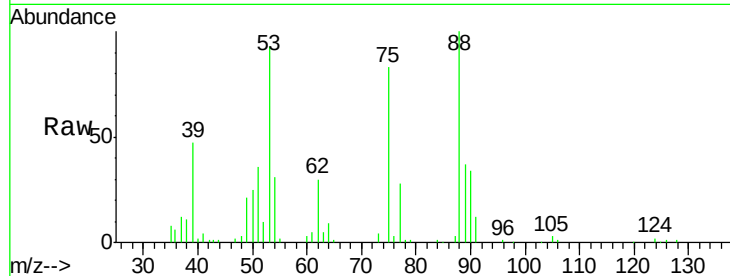
Tgt Ion: 75 Resp: 93746

Ion Ratio Lower Upper

75 100

53 112.0 100.8 151.2

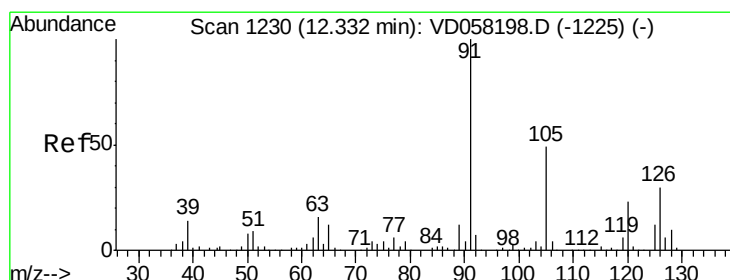
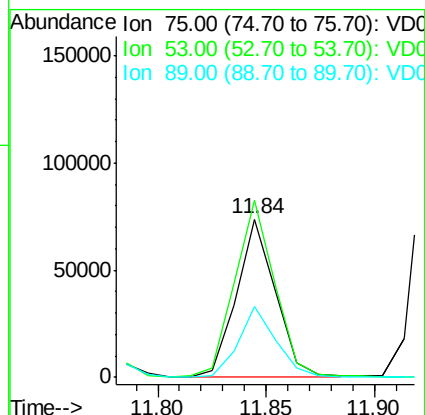
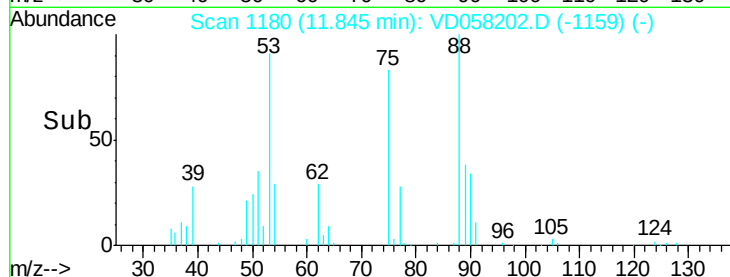
89 44.9 34.6 52.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 51.440 ug/l

RT: 12.33 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VD058202.D

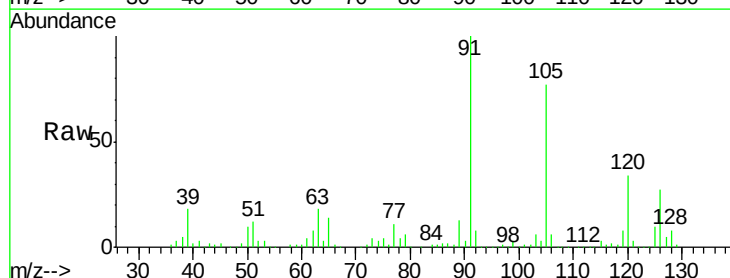
Acq: 19 Jun 2018 19:10

Tgt Ion: 91 Resp: 1110646

Ion Ratio Lower Upper

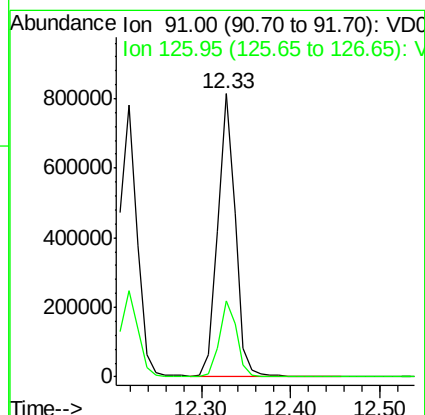
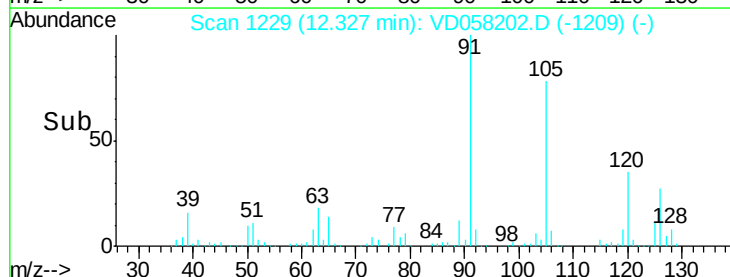
91 100

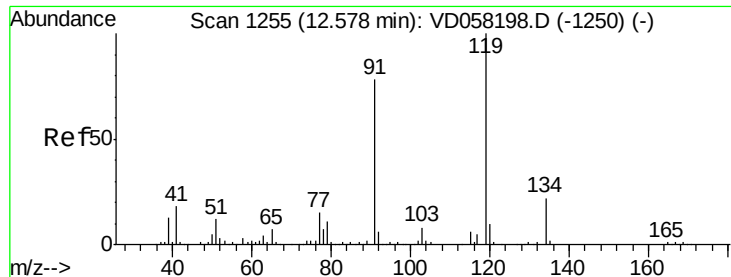
126 26.8 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

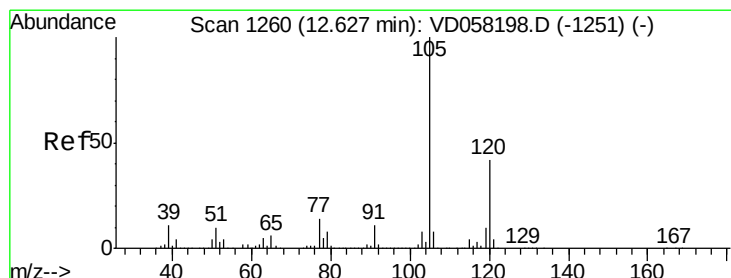
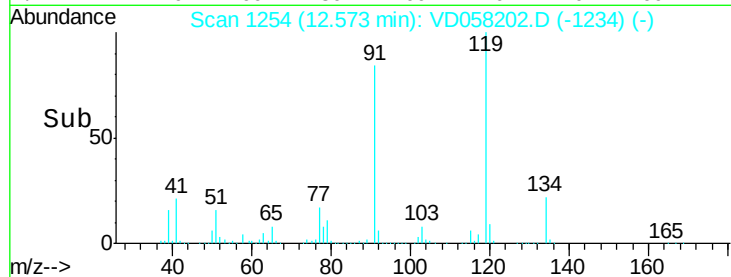
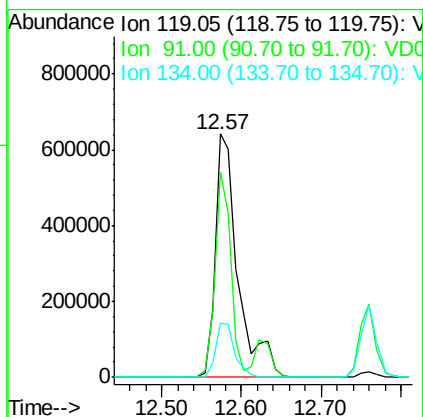
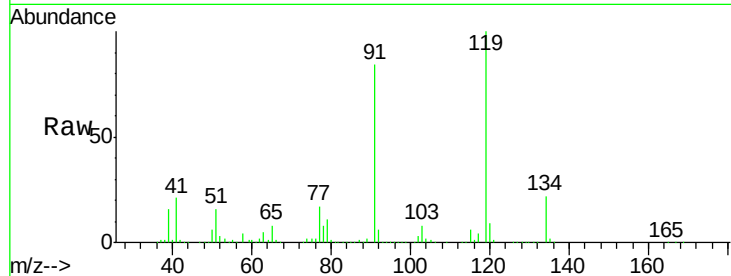




#83
 tert-Butylbenzene
 Concen: 47.577 ug/l
 RT: 12.57 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

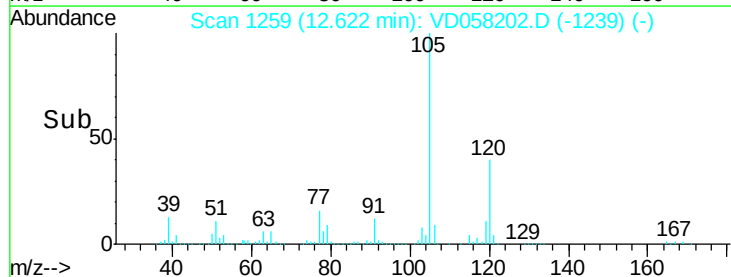
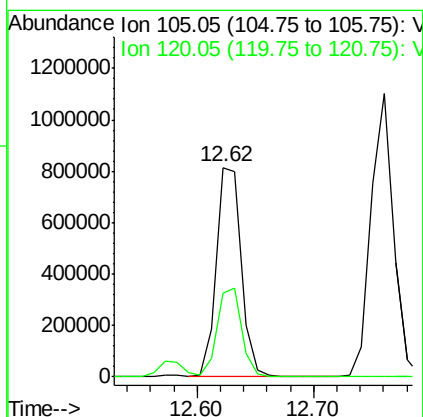
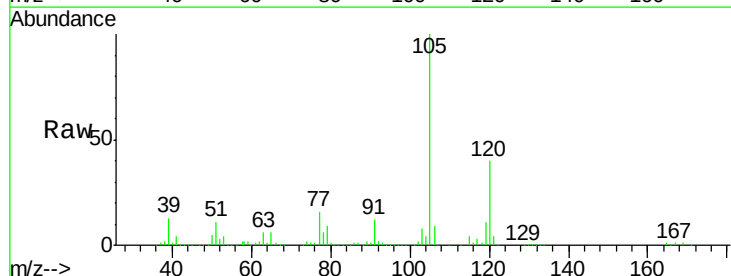
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

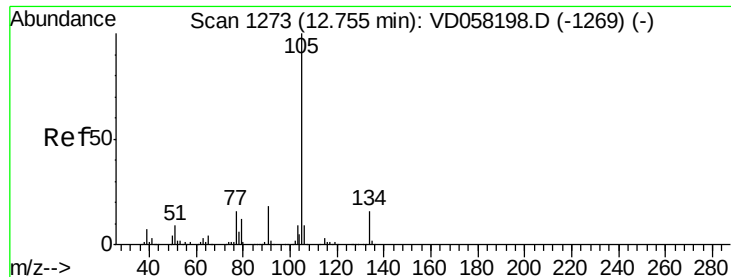
Tgt Ion:119 Resp: 1282969
 Ion Ratio Lower Upper
 119 100
 91 84.3 38.9 116.6
 134 22.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.138 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion:105 Resp: 1201811
 Ion Ratio Lower Upper
 105 100
 120 40.1 20.8 62.4





#85

sec-Butylbenzene

Concen: 46.796 ug/l

RT: 12.76 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

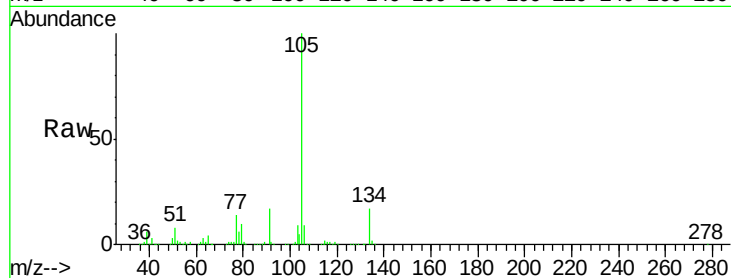
ICVVD061918

Tgt Ion:105 Resp: 1479123

Ion Ratio Lower Upper

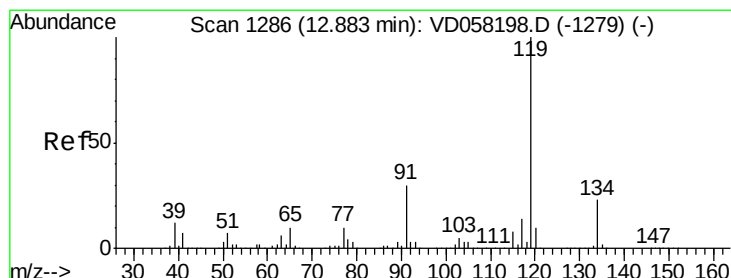
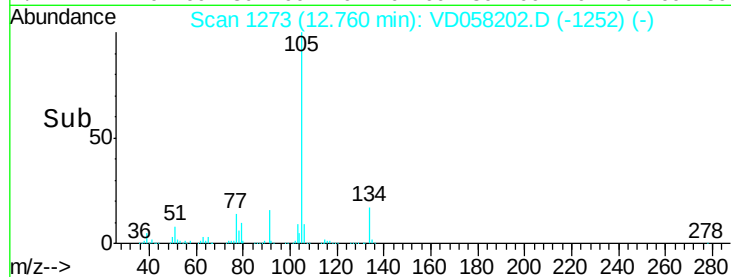
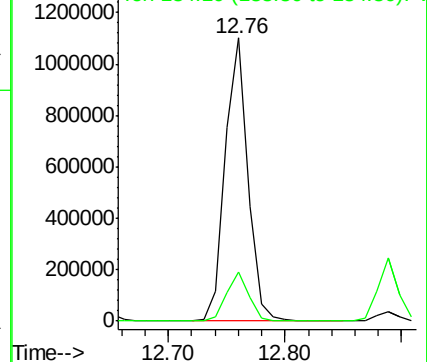
105 100

134 17.2 8.1 24.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 48.010 ug/l

RT: 12.89 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

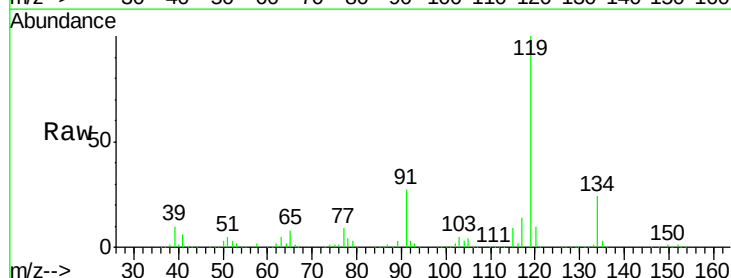
Tgt Ion:119 Resp: 1229741

Ion Ratio Lower Upper

119 100

134 24.1 11.6 34.8

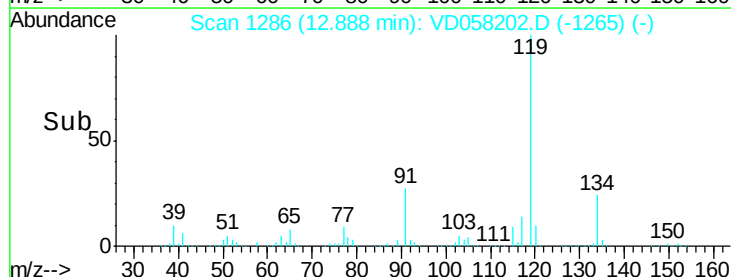
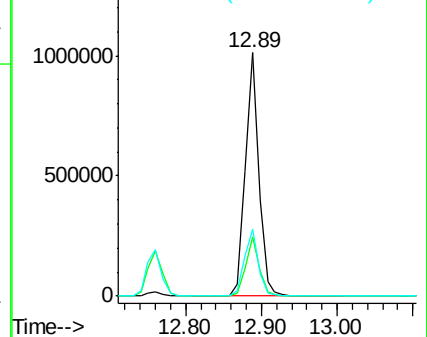
91 27.5 15.0 45.1

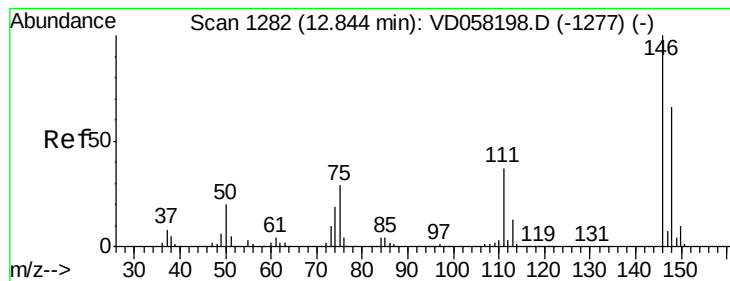


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.638 ug/l

RT: 12.84 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_D

ClientSampleId :

ICVVD061918

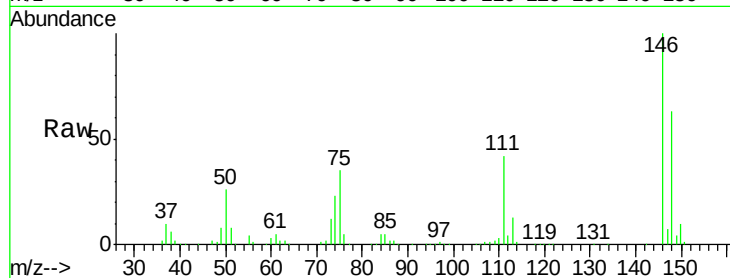
Tgt Ion:146 Resp: 745595

Ion Ratio Lower Upper

146 100

111 42.1 18.4 55.0

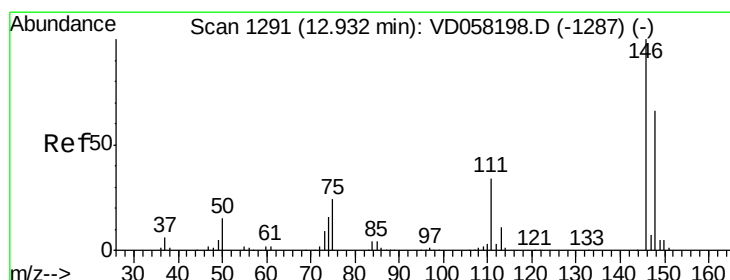
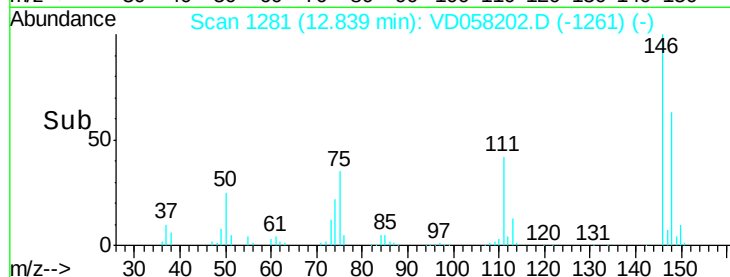
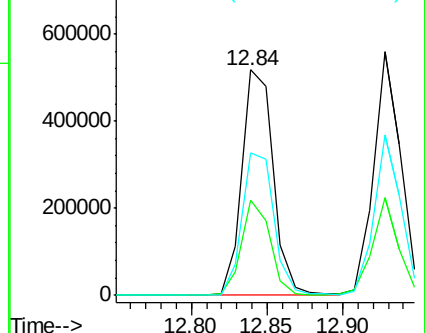
148 63.2 32.8 98.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.725 ug/l

RT: 12.93 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VD058202.D

Acq: 19 Jun 2018 19:10

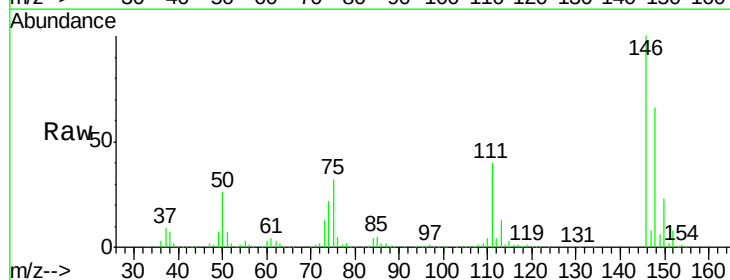
Tgt Ion:146 Resp: 714140

Ion Ratio Lower Upper

146 100

111 40.1 17.2 51.5

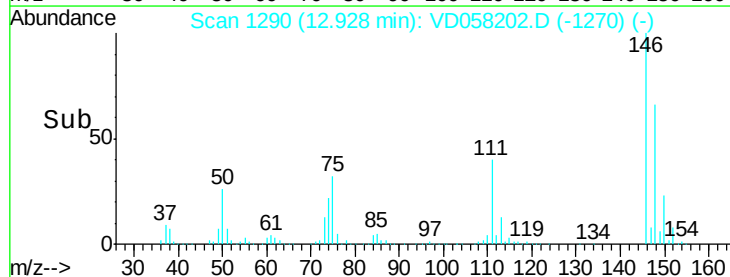
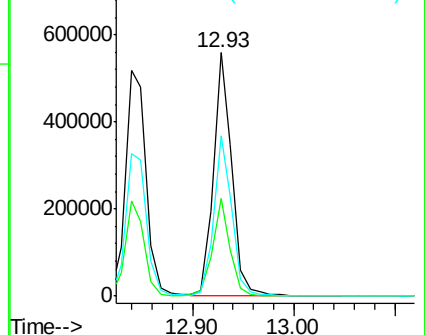
148 65.9 33.1 99.3

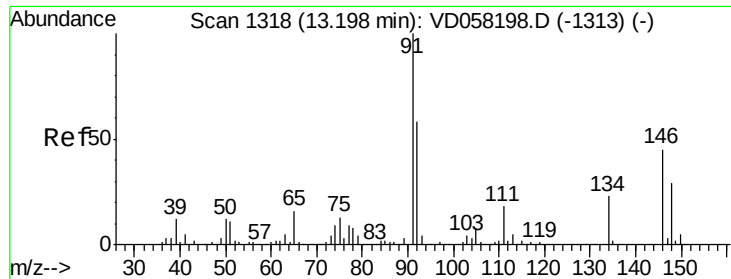


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

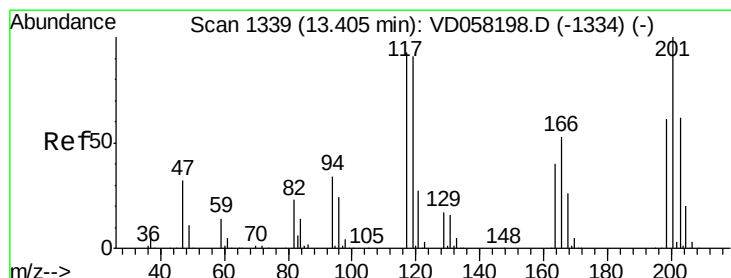
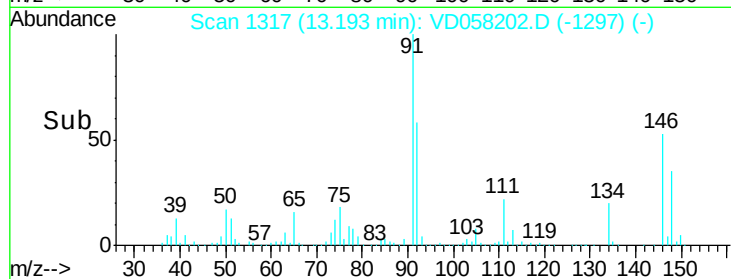
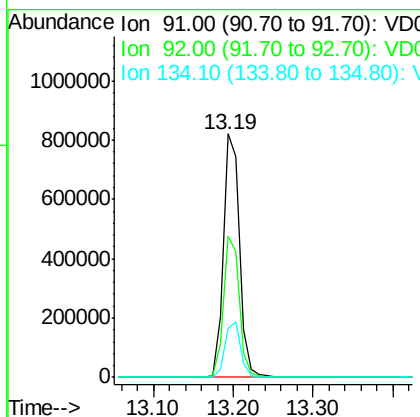
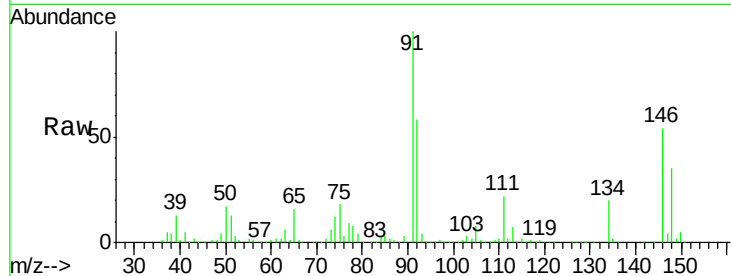




#89
n-Butylbenzene
Concen: 43.805 ug/l
RT: 13.19 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

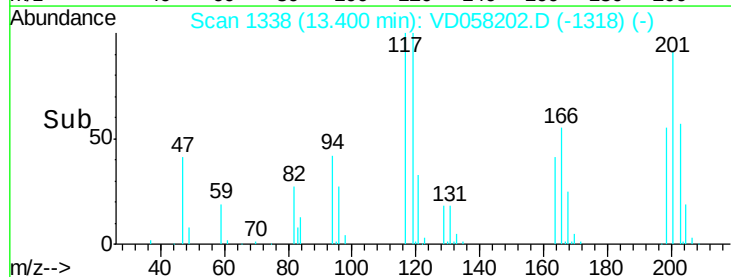
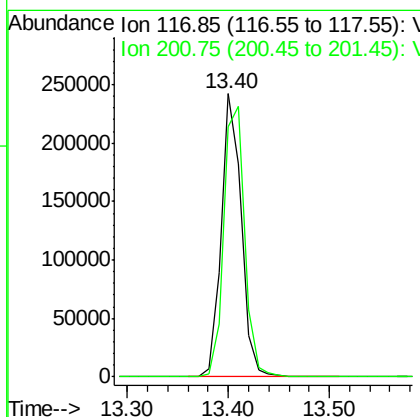
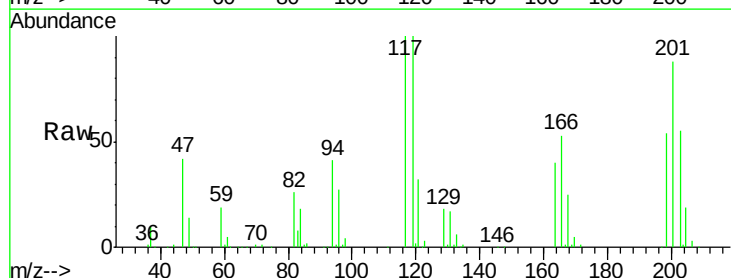
Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

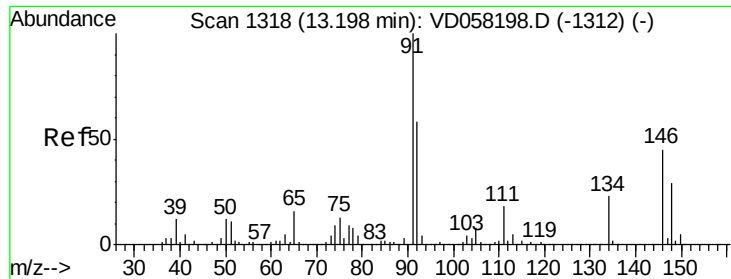
Tgt Ion: 91 Resp: 1179221
Ion Ratio Lower Upper
91 100
92 57.8 29.2 87.6
134 20.0 11.3 33.8



#90
Hexachloroethane
Concen: 50.392 ug/l
RT: 13.40 min Scan# 1338
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion: 117 Resp: 335016
Ion Ratio Lower Upper
117 100
201 88.4 53.8 161.4

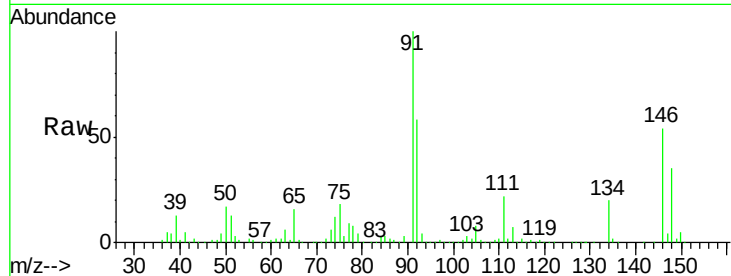




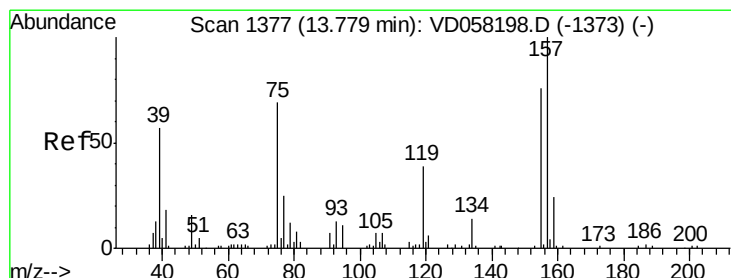
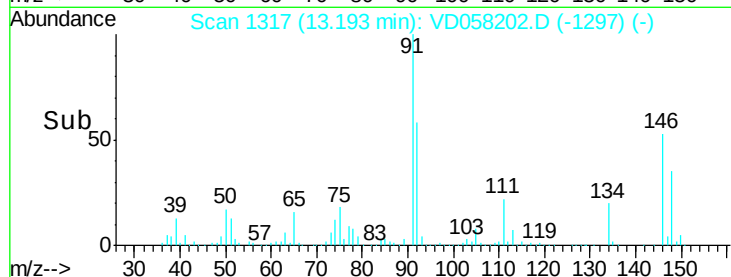
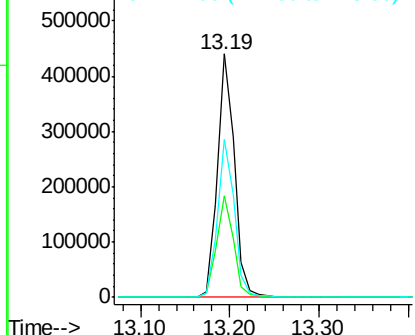
#91
 1,2-Dichlorobenzene
 Concen: 44.172 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

Tgt Ion: 146 Resp: 588337
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.6 58.7
 148 64.8 32.0 96.2

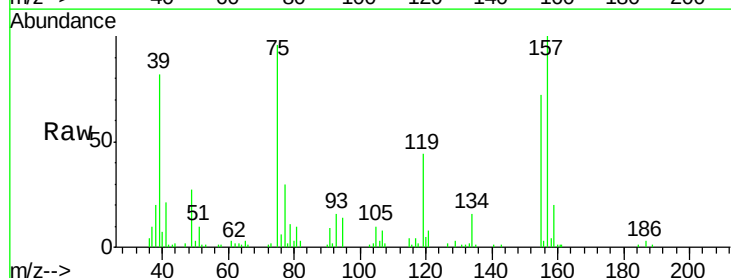


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

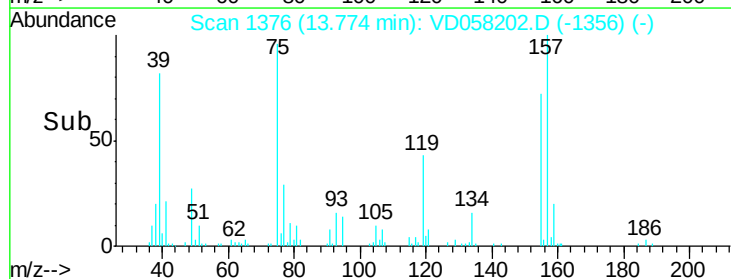
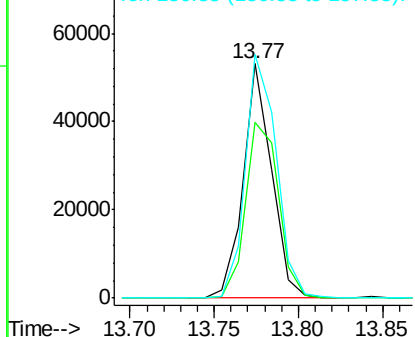


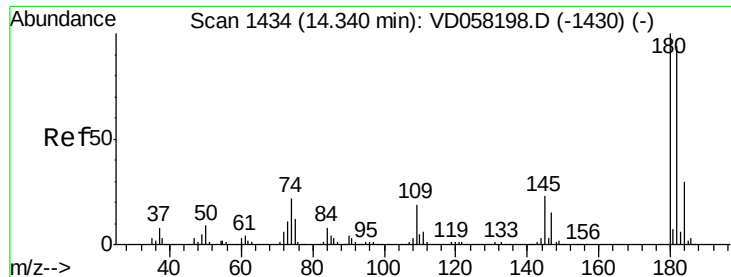
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.623 ug/l
 RT: 13.77 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion: 75 Resp: 61948
 Ion Ratio Lower Upper
 75 100
 155 74.9 54.5 163.5
 157 103.8 72.0 215.9



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

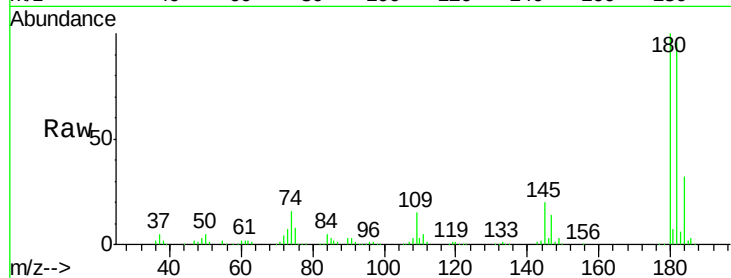




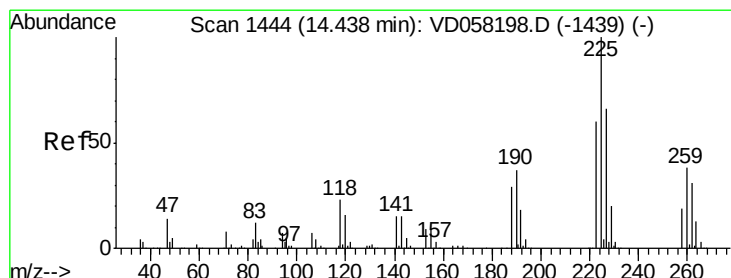
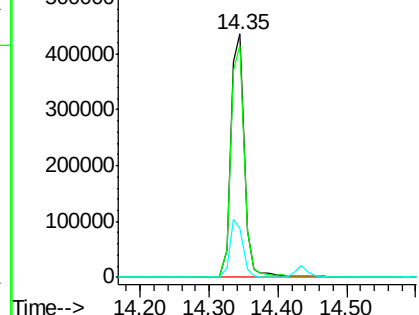
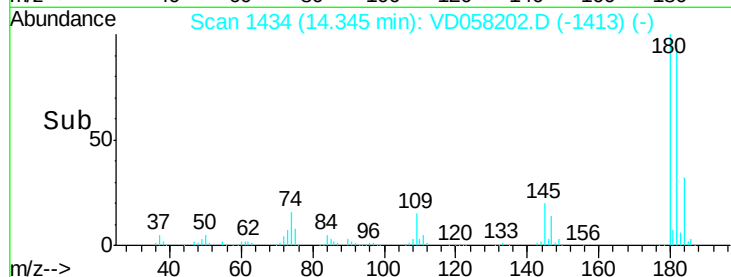
#93
 1,2,4-Trichlorobenzene
 Concen: 46.978 ug/l
 RT: 14.35 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

Tgt Ion:180 Resp: 598436
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.3
 145 20.3 11.7 35.0

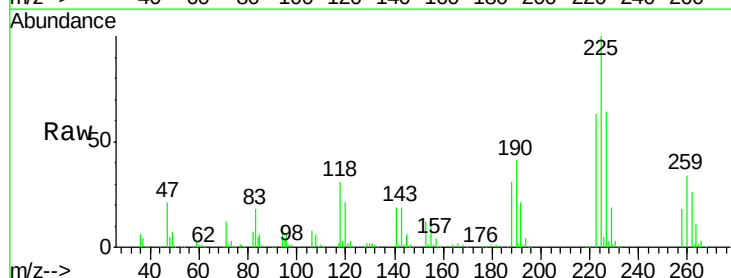


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

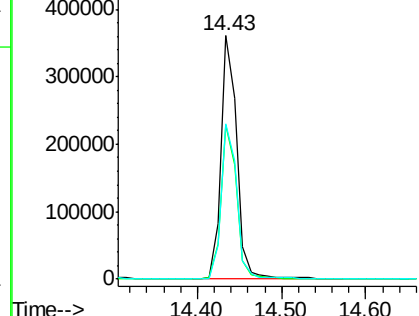
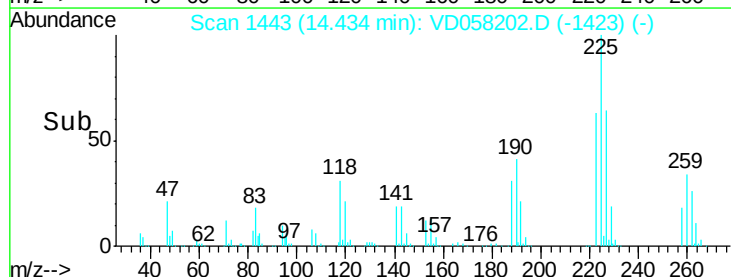


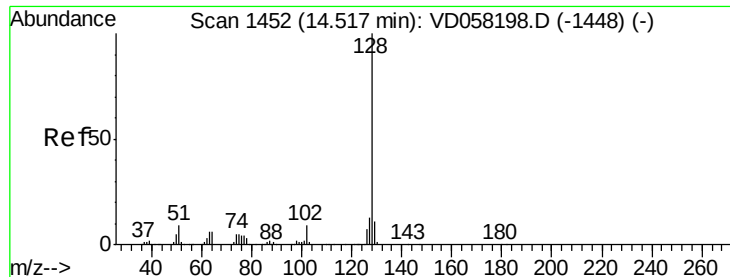
#94
 Hexachlorobutadiene
 Concen: 47.506 ug/l
 RT: 14.43 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD058202.D
 Acq: 19 Jun 2018 19:10

Tgt Ion:225 Resp: 473331
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.1 90.3
 227 64.0 33.0 98.9



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

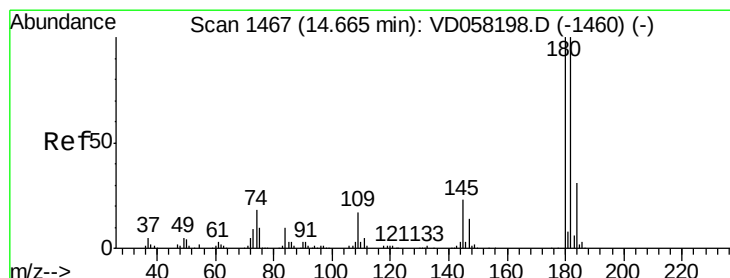
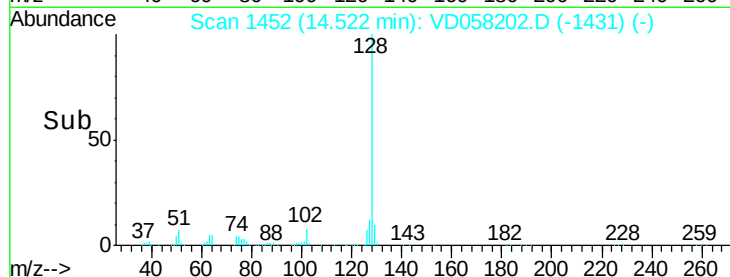
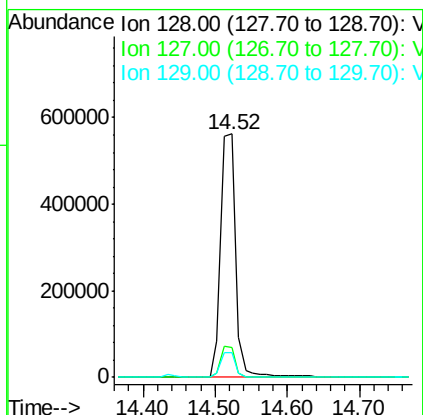
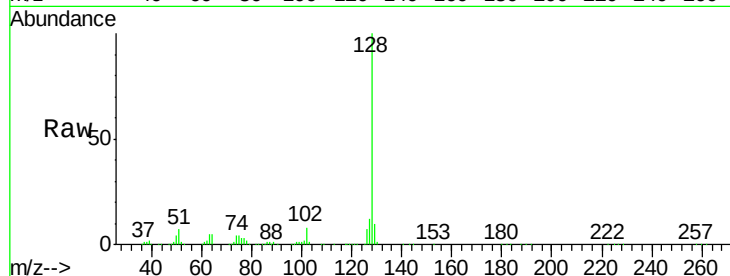




#95
Naphthalene
Concen: 47.952 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. 0.01 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Instrument :
MSVOA_D
ClientSampleId :
ICVVD061918

Tgt Ion:128 Resp: 804633
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.028 ug/l
RT: 14.66 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VD058202.D
Acq: 19 Jun 2018 19:10

Tgt Ion:180 Resp: 524458
Ion Ratio Lower Upper
180 100
182 97.7 49.9 149.6
145 27.4 11.7 35.1

