

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110918\
 Data File : VN052227.D
 Acq On : 9 Nov 2018 14:59
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 11 23:48:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Sun Nov 11 23:43:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	278251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	473157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	418980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192833	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184978	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.59	113	150952	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.09	98	588948	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	191770	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	148893	49.220	ug/l	100
3) Chloromethane	2.06	50	203085	48.086	ug/l	100
4) Vinyl Chloride	2.19	62	171159	48.641	ug/l	100
5) Bromomethane	2.57	94	103757	46.474	ug/l	100
6) Chloroethane	2.71	64	95551	45.727	ug/l	100
7) Trichlorofluoromethane	3.02	101	231101	47.179	ug/l	100
8) Diethyl Ether	3.41	74	90373	46.898	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144990	45.961	ug/l	100
10) Methyl Iodide	3.96	142	202457	49.651	ug/l	100
11) Tert butyl alcohol	4.78	59	53582	281.949	ug/l	100
12) 1,1-Dichloroethene	3.74	96	137392	47.230	ug/l	100
13) Acrolein	3.61	56	66141	251.684	ug/l	100
14) Allyl chloride	4.33	41	290370	47.677	ug/l	100
15) Acrylonitrile	4.99	53	305689	254.979	ug/l	100
16) Acetone	3.81	43	248421	212.792	ug/l	100
17) Carbon Disulfide	4.06	76	404263	47.907	ug/l	100
18) Methyl Acetate	4.33	43	152269	50.759	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	404834	48.711	ug/l	100
20) Methylene Chloride	4.56	84	163330	50.682	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	150188	47.505	ug/l	100
22) Diisopropyl ether	5.95	45	589119	48.017	ug/l	100
23) Vinyl Acetate	5.90	43	2118643	252.897	ug/l	100
24) 1,1-Dichloroethane	5.85	63	302498	46.910	ug/l	100
25) 2-Butanone	6.84	43	390119	240.321	ug/l	100
26) 2,2-Dichloropropane	6.83	77	221590	47.048	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	171929	48.582	ug/l	100
28) Bromochloromethane	7.20	49	157304	49.367	ug/l	100
29) Tetrahydrofuran	7.21	42	258577	247.831	ug/l	100
30) Chloroform	7.37	83	289771	47.481	ug/l	100
31) Cyclohexane	7.66	56	290456	38.807	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	240075	48.262	ug/l	100
36) 1,1-Dichloropropene	7.79	75	230519	48.268	ug/l	100
37) Ethyl Acetate	6.93	43	172960	49.084	ug/l	100
38) Carbon Tetrachloride	7.78	117	211667	48.907	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	269076	49.396	ug/l	100
40) Benzene	8.04	78	662698	48.465	ug/l	100
41) Methacrylonitrile	7.18	41	96442	51.882	ug/l	100
42) 1,2-Dichloroethane	8.13	62	224586	46.813	ug/l	100
43) Isopropyl Acetate	8.16	43	309203	49.385	ug/l	100
44) Trichloroethene	8.84	130	164833	48.106	ug/l	100
45) 1,2-Dichloropropane	9.12	63	185059	48.445	ug/l	100
46) Dibromomethane	9.21	93	106048	48.331	ug/l	100
47) Bromodichloromethane	9.40	83	218820	48.133	ug/l	100
48) Methyl methacrylate	9.20	41	160992	48.801	ug/l	100
49) 1,4-Dioxane	9.20	88	29972	1130.184	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	864151	249.921	ug/l	100
52) Toluene	10.16	92	401350	48.658	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	227911	50.803	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	263919	49.835	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	143905	48.269	ug/l	100
56) Ethyl methacrylate	10.43	69	201486	50.005	ug/l	100
57) 1,3-Dichloropropane	10.71	76	255644	47.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	579222	259.615	ug/l	100
59) 2-Hexanone	10.75	43	600588	247.430	ug/l	100
60) Dibromochloromethane	10.90	129	154965	51.244	ug/l	100
61) 1,2-Dibromoethane	11.01	107	143190	48.870	ug/l	100
64) Tetrachloroethene	10.63	164	142301	48.510	ug/l	100
65) Chlorobenzene	11.43	112	427584	48.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	149902	49.847	ug/l	100
67) Ethyl Benzene	11.51	91	769828	49.299	ug/l	100
68) m/p-Xylenes	11.62	106	574058	98.713	ug/l	100
69) o-Xylene	11.95	106	281599	50.684	ug/l	100
70) Styrene	11.96	104	458442	51.072	ug/l	100
71) Bromoform	12.13	173	93993	52.392	ug/l #	100
73) Isopropylbenzene	12.25	105	750588	47.616	ug/l	100
74) N-amyl acetate	12.07	43	287215	50.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	179352	46.411	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	234251	75.721	ug/l #	100
77) Bromobenzene	12.53	156	174114	47.187	ug/l	100
78) n-propylbenzene	12.59	91	886792	48.033	ug/l	100
79) 2-Chlorotoluene	12.67	91	505440	47.257	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	605576	48.306	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52558	52.585	ug/l	100
82) 4-Chlorotoluene	12.77	91	512912	47.794	ug/l	100
83) tert-Butylbenzene	12.99	119	522096	47.703	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	613841	48.564	ug/l	100
85) sec-Butylbenzene	13.17	105	736361	49.061	ug/l	100
86) p-Isopropyltoluene	13.29	119	619313	49.323	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	315553	49.126	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	308025	47.900	ug/l	100
89) n-Butylbenzene	13.61	91	564814	50.517	ug/l	100
90) Hexachloroethane	13.87	117	105957	48.077	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	301527	48.100	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28277	51.469	ug/l	100

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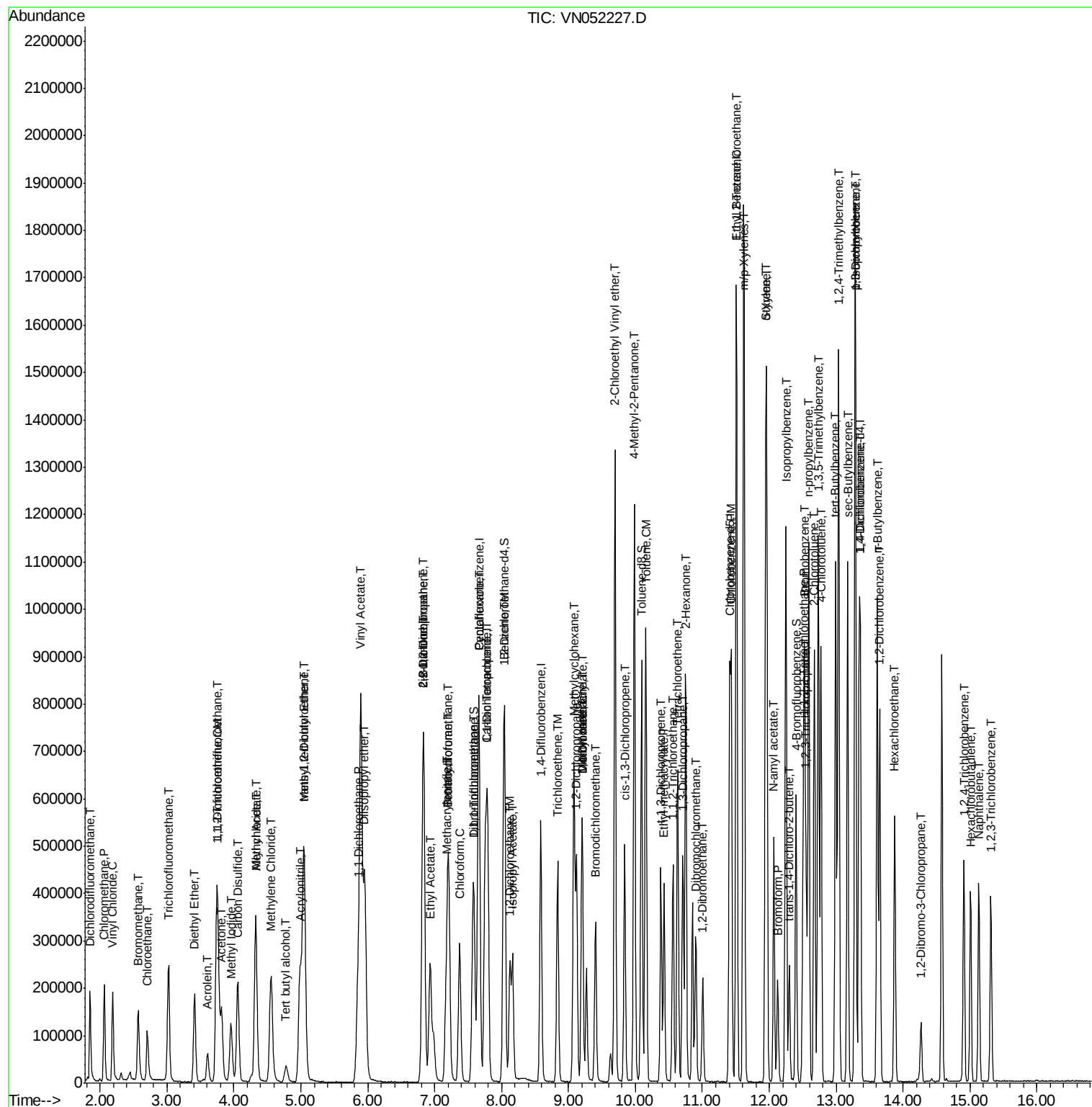
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	136147	54.924	ug/l	100
94) Hexachlorobutadiene	15.01	225	65039	48.285	ug/l	100
95) Naphthalene	15.13	128	341080	55.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	122642	52.330	ug/l	100

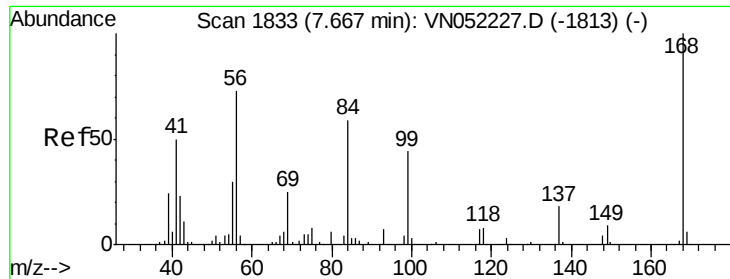
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN110918\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

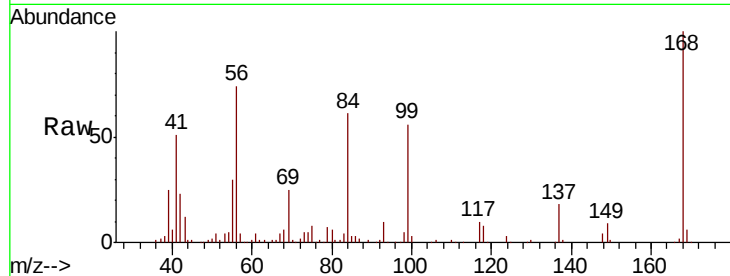
VSTDICCC050

Tgt Ion:168 Resp: 278251

Ion Ratio Lower Upper

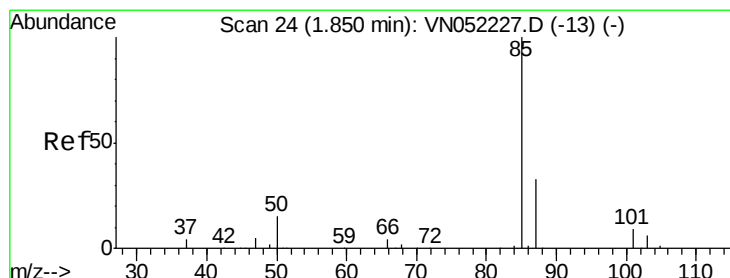
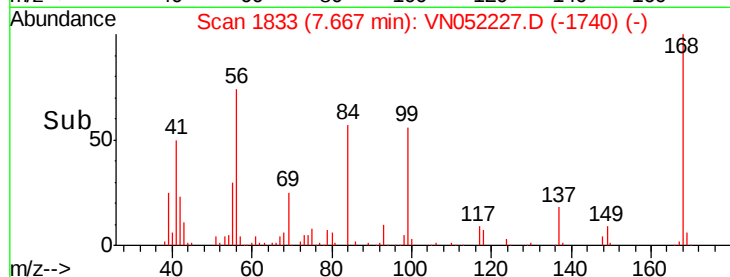
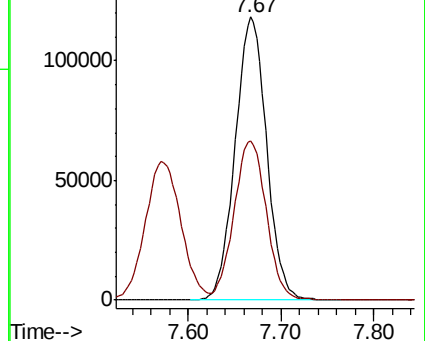
168 100

99 55.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.220 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052227.D

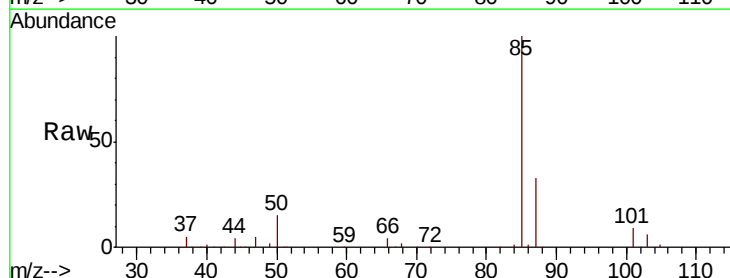
Acq: 9 Nov 2018 14:59

Tgt Ion: 85 Resp: 148893

Ion Ratio Lower Upper

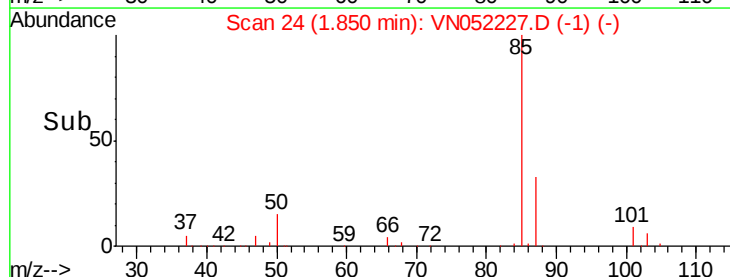
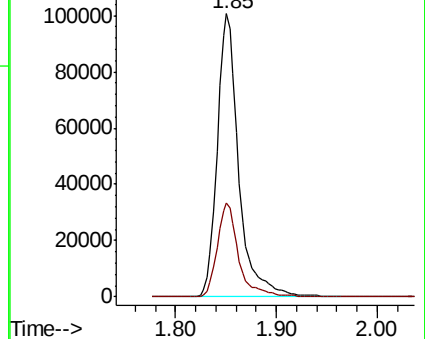
85 100

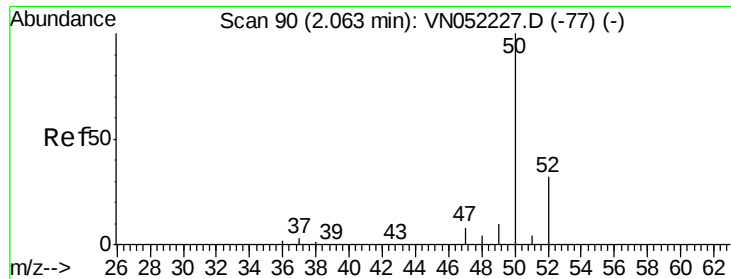
87 33.3 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

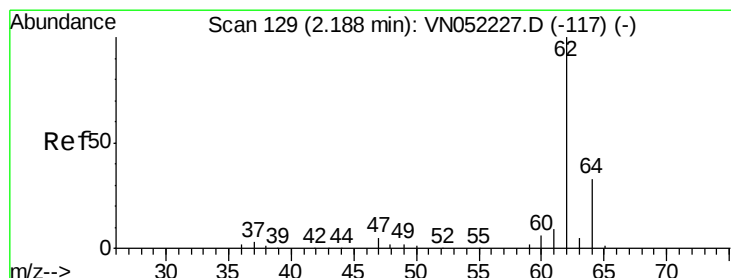
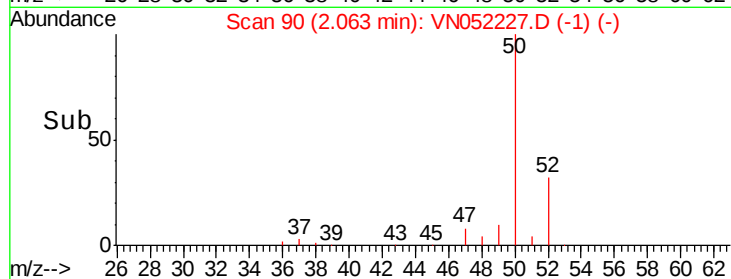
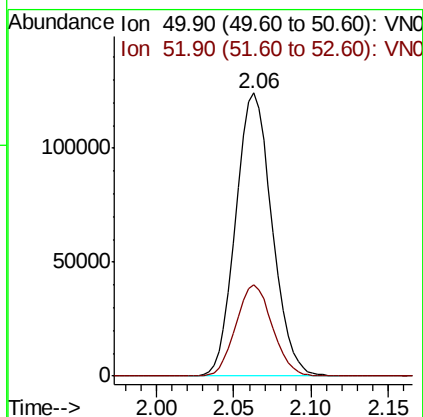
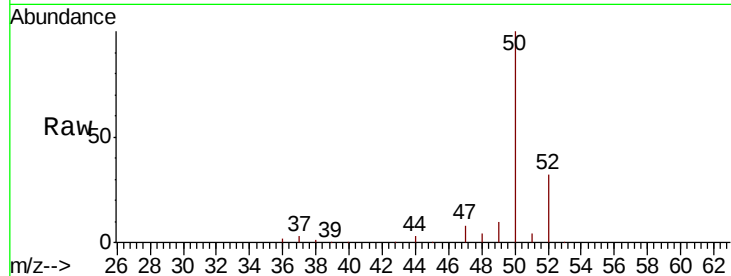




#3
Chloromethane
Concen: 48.086 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

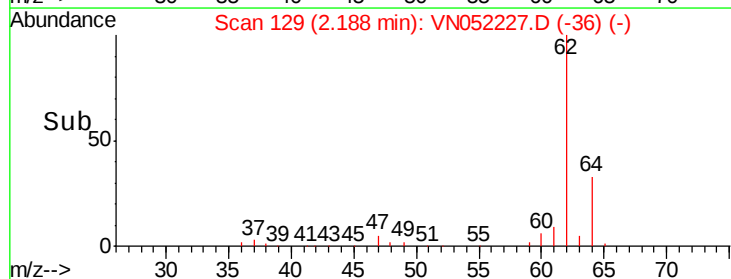
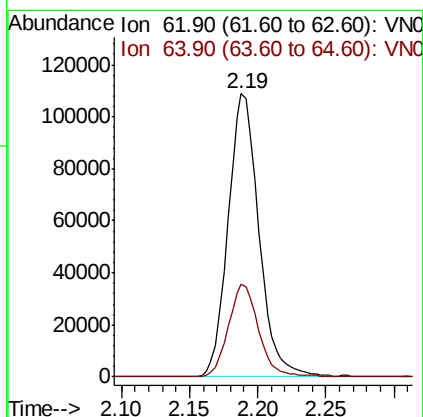
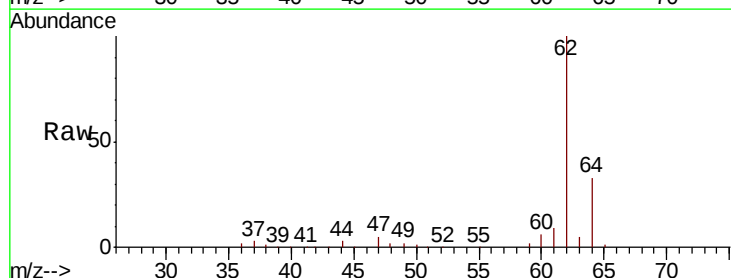
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

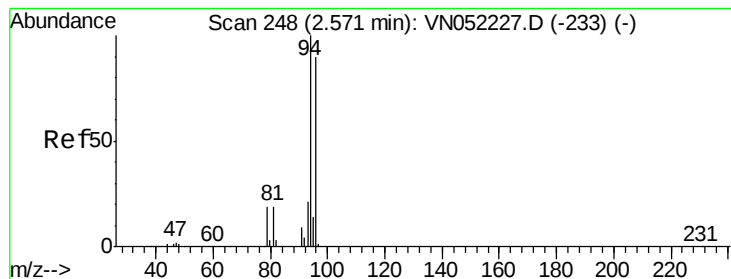
Tgt Ion: 50 Resp: 203085
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5



#4
Vinyl Chloride
Concen: 48.641 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 62 Resp: 171159
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1





#5

Bromomethane

Concen: 46.474 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

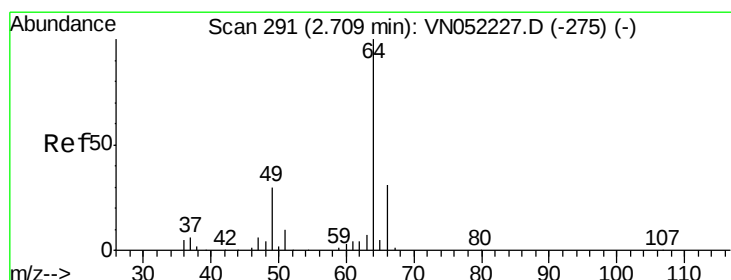
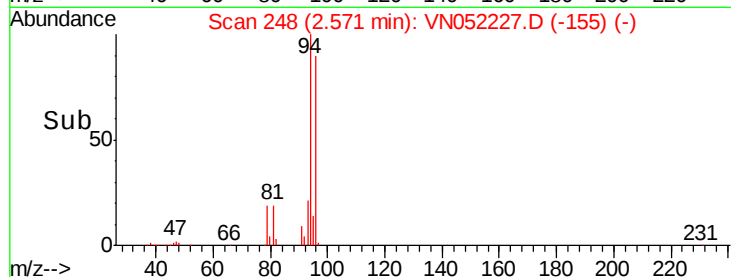
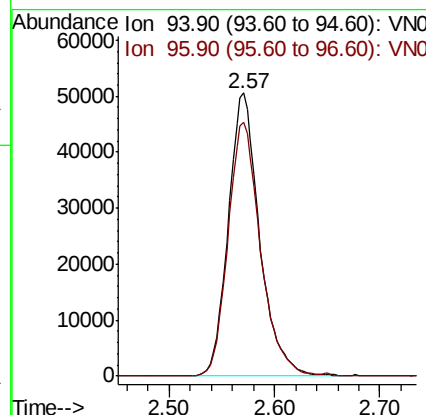
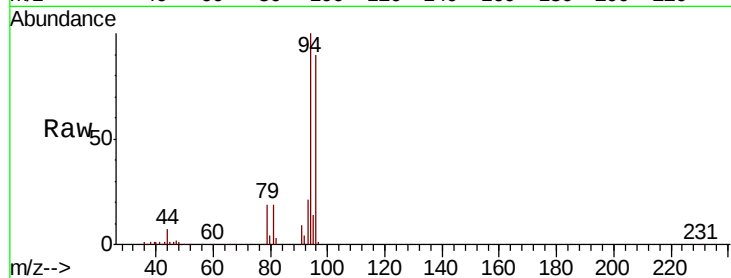
VSTDICCC050

Tgt Ion: 94 Resp: 103757

Ion Ratio Lower Upper

94 100

96 89.8 71.8 107.8



#6

Chloroethane

Concen: 45.727 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052227.D

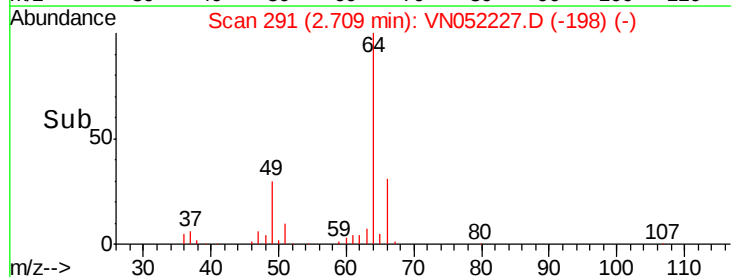
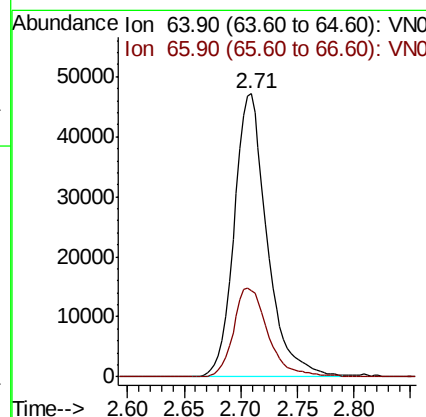
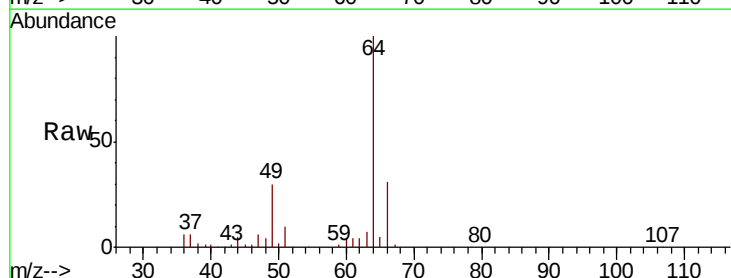
Acq: 9 Nov 2018 14:59

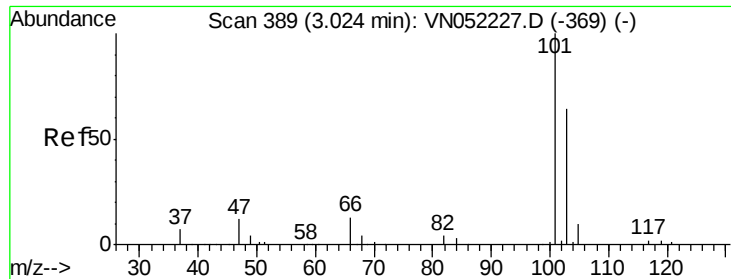
Tgt Ion: 64 Resp: 95551

Ion Ratio Lower Upper

64 100

66 30.7 24.6 36.8



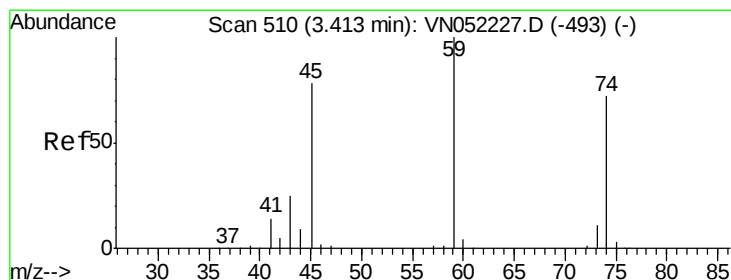
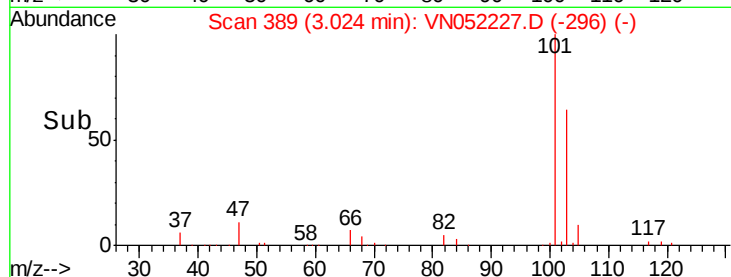
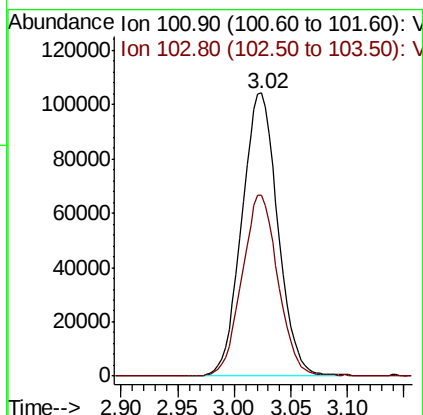
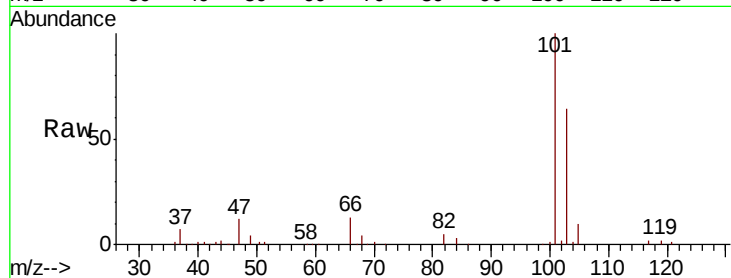


#7

Trichlorofluoromethane
 Concen: 47.179 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
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 VSTDICCC050

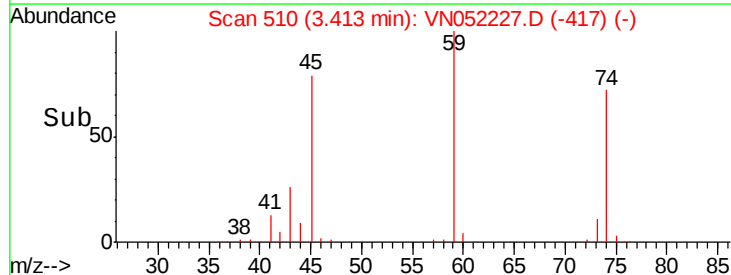
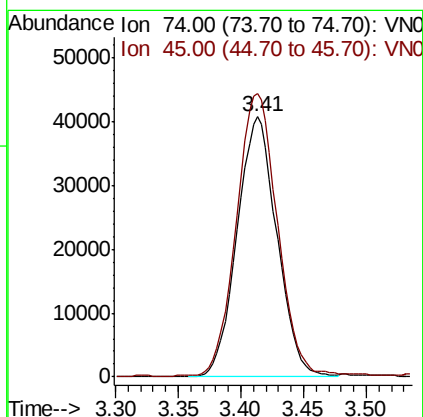
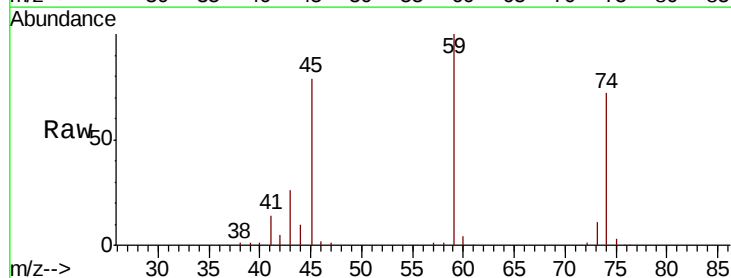
Tgt Ion: 101 Resp: 231101
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8

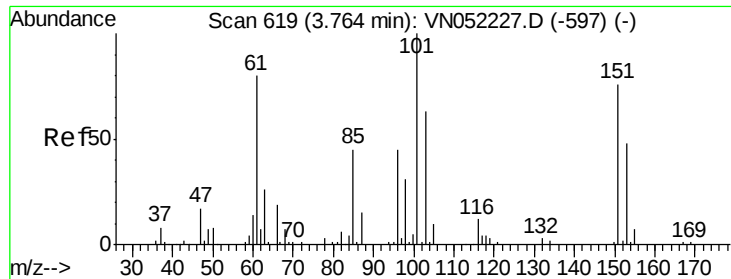


#8

Diethyl Ether
 Concen: 46.898 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 74 Resp: 90373
 Ion Ratio Lower Upper
 74 100
 45 111.1 55.5 166.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.961 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

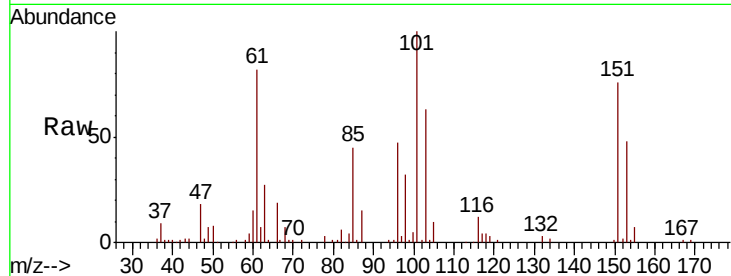
Tgt Ion:101 Resp: 144990

Ion Ratio Lower Upper

101 100

85 45.3 36.2 54.4

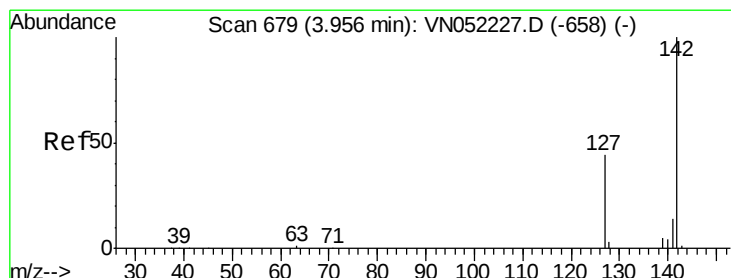
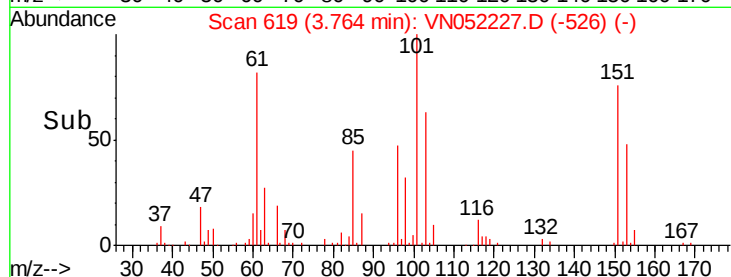
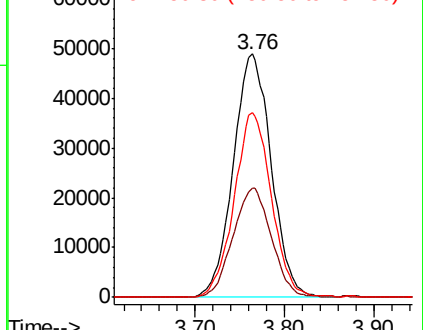
151 74.0 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.651 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

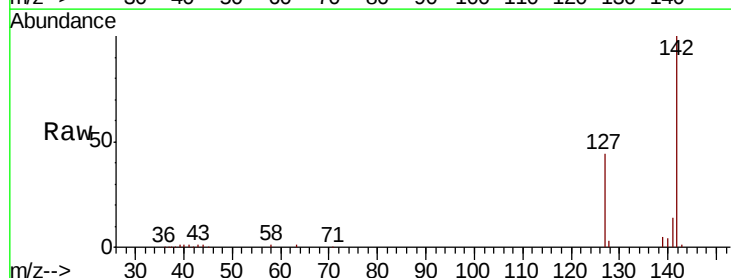
Tgt Ion:142 Resp: 202457

Ion Ratio Lower Upper

142 100

127 44.1 35.3 52.9

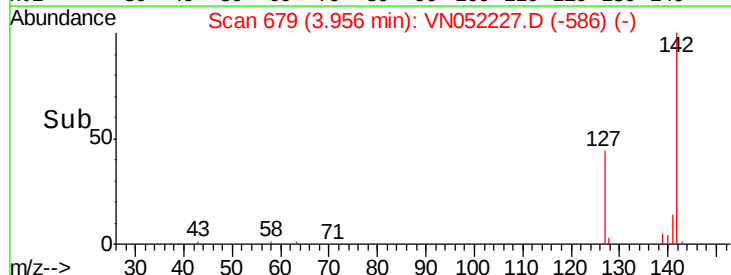
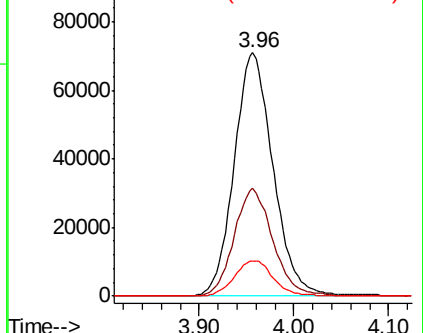
141 14.7 11.8 17.6

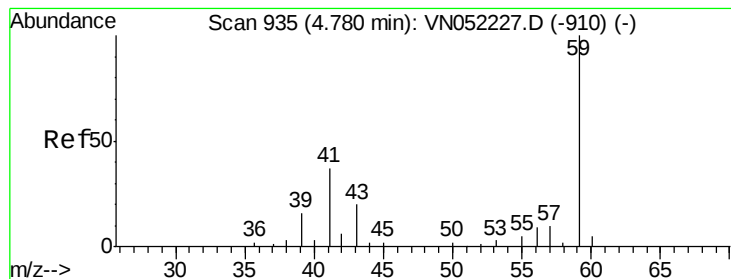


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



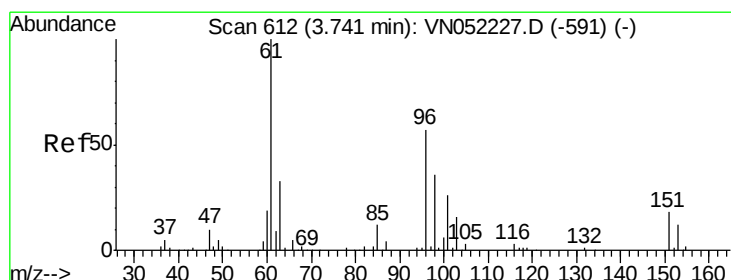
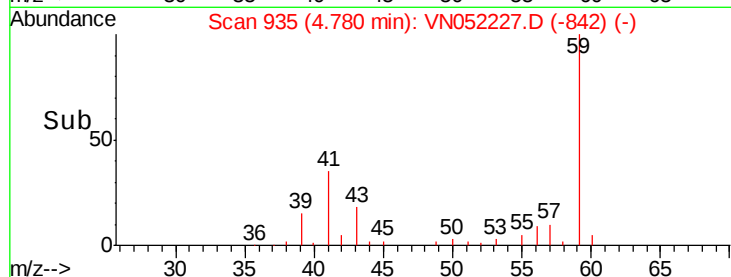
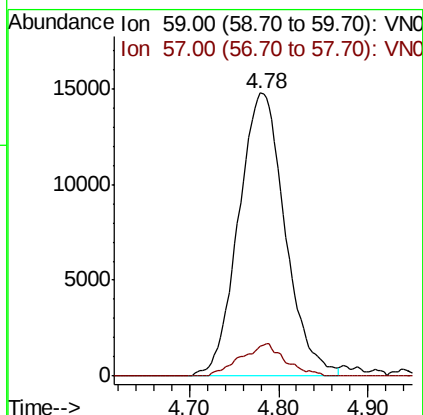
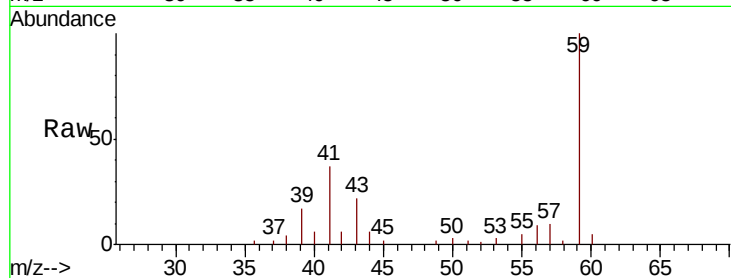


#11

Tert butyl alcohol
 Concen: 281.949 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

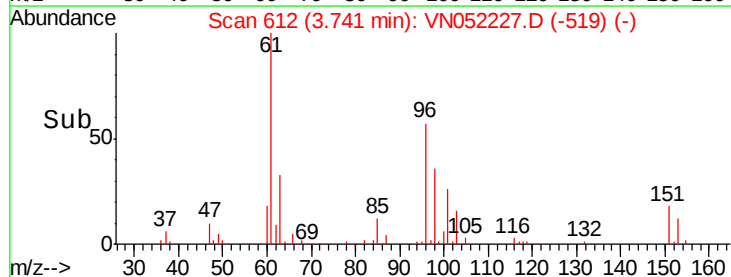
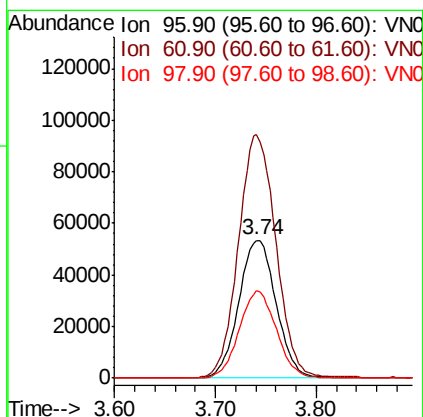
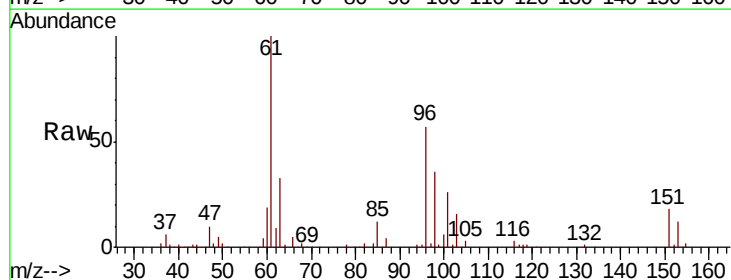
Tgt Ion: 59 Resp: 53582
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.8 13.2

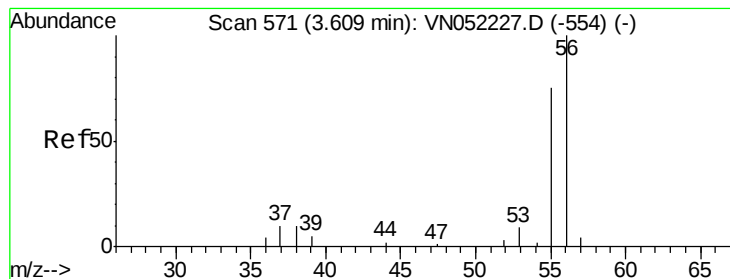


#12

1,1-Dichloroethene
 Concen: 47.230 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 96 Resp: 137392
 Ion Ratio Lower Upper
 96 100
 61 176.4 141.1 211.7
 98 62.9 50.3 75.5





#13

Acrolein

Concen: 251.684 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

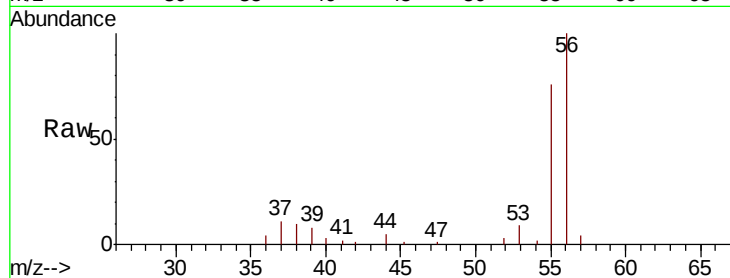
VSTDICCC050

Tgt Ion: 56 Resp: 66141

Ion Ratio Lower Upper

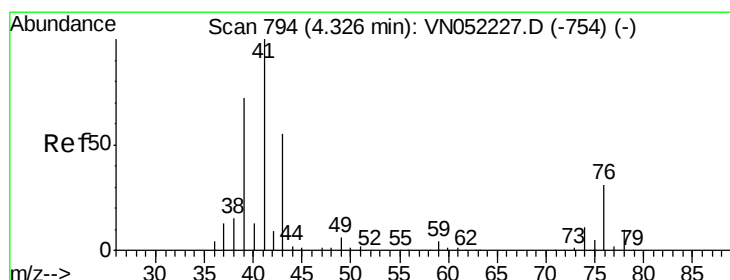
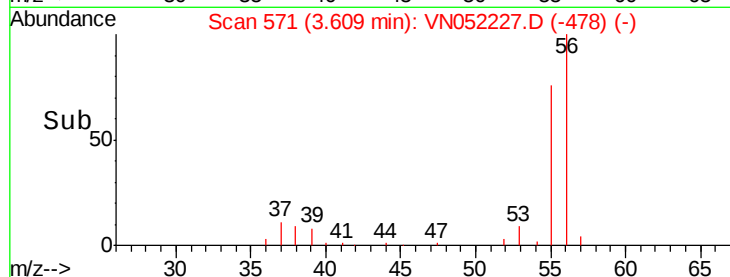
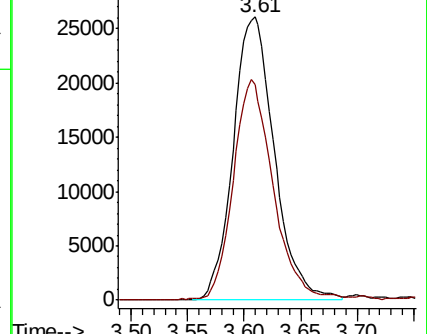
56 100

55 74.9 59.9 89.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.677 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

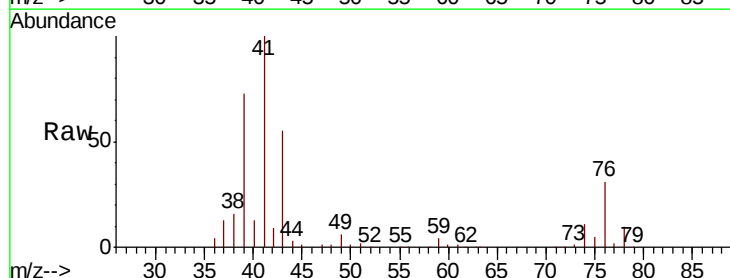
Tgt Ion: 41 Resp: 290370

Ion Ratio Lower Upper

41 100

39 68.9 55.1 82.7

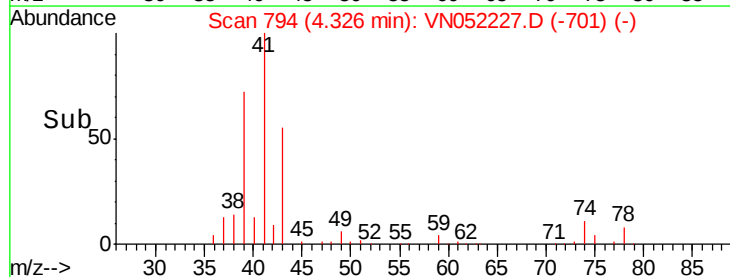
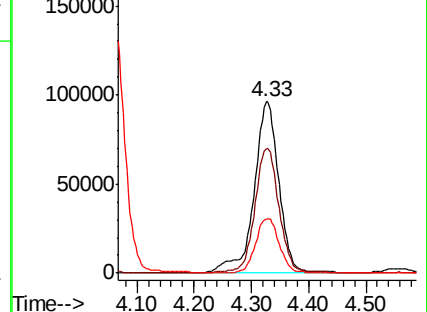
76 29.5 23.6 35.4

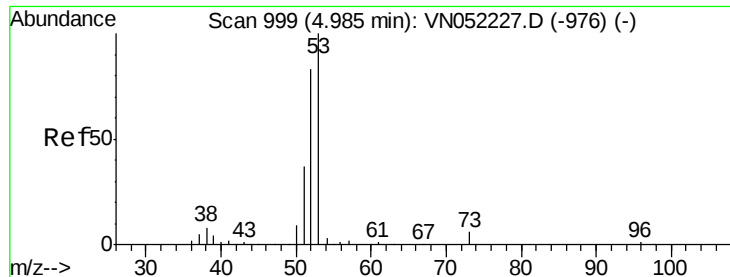


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 254.979 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

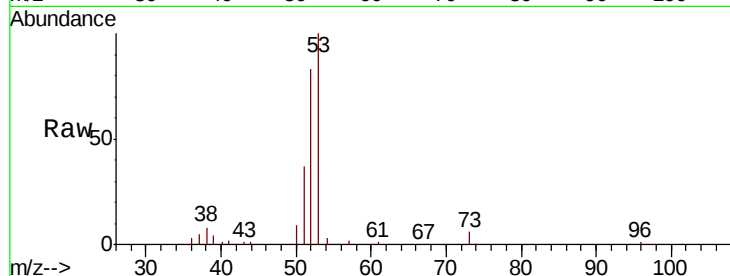
Tgt Ion: 53 Resp: 305689

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

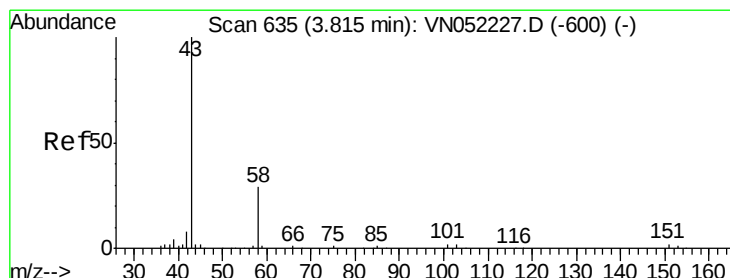
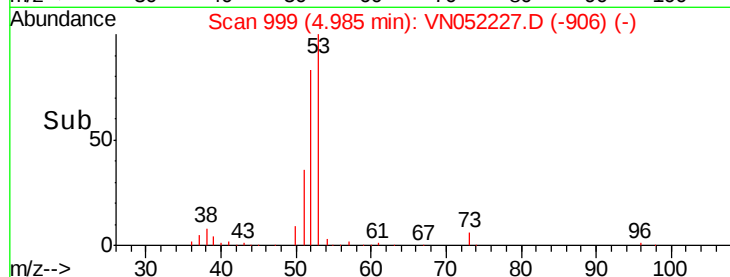
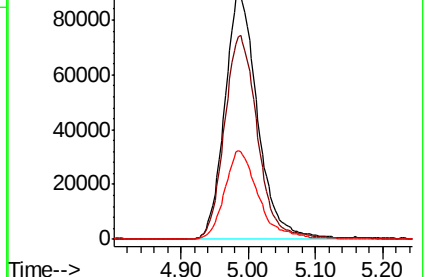
51 36.7 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN052227.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN052227.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN052227.D (-976) (-)



#16

Acetone

Concen: 212.792 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052227.D

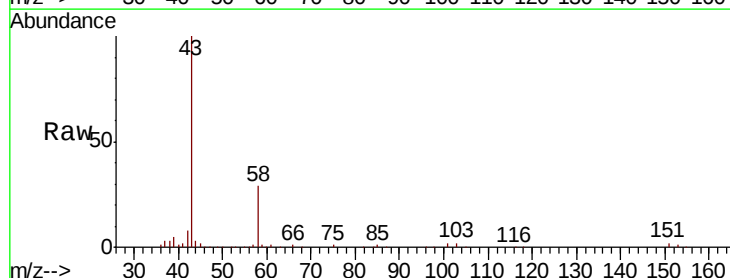
Acq: 9 Nov 2018 14:59

Tgt Ion: 43 Resp: 248421

Ion Ratio Lower Upper

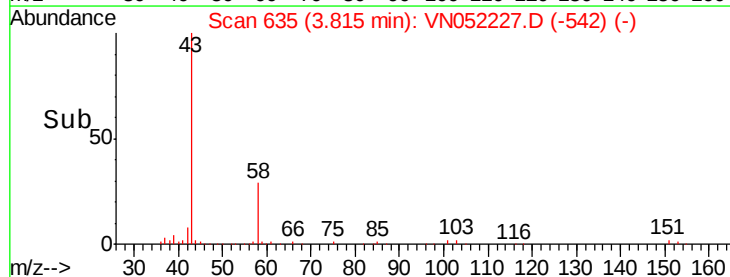
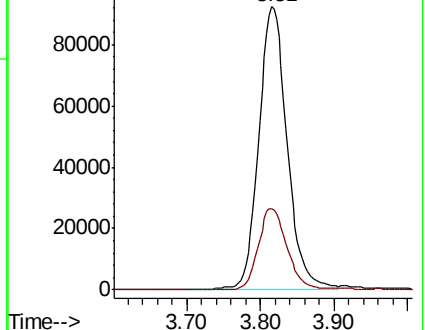
43 100

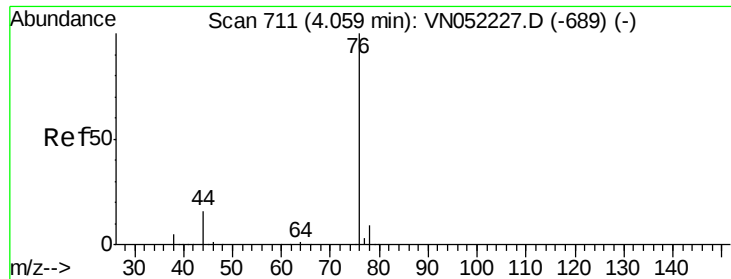
58 28.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN052227.D (-600) (-)

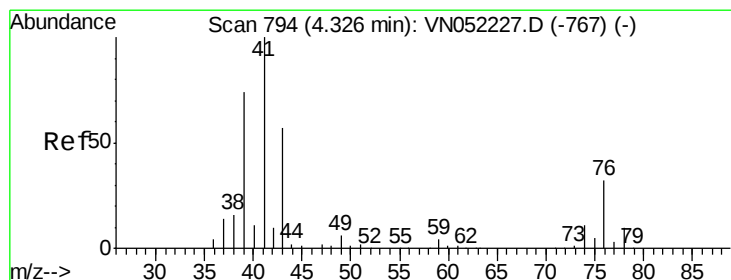
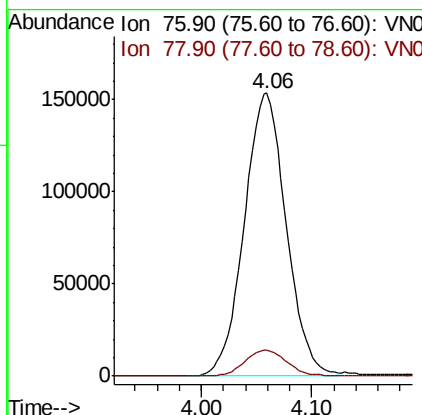
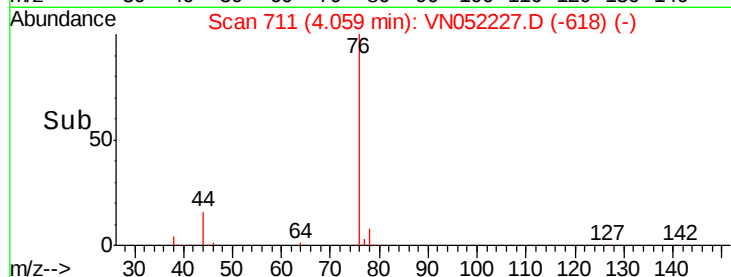
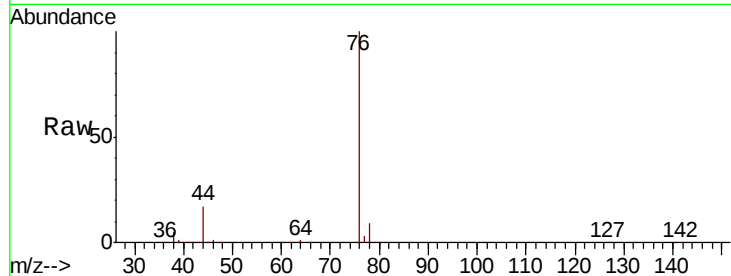




#17
Carbon Disulfide
Concen: 47.907 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

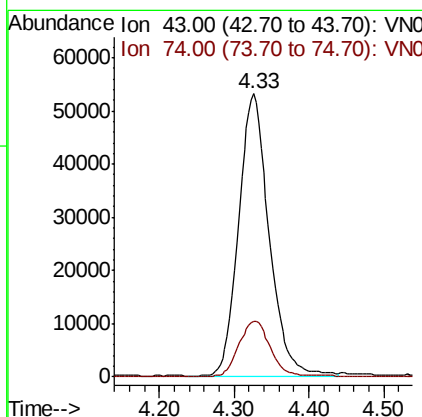
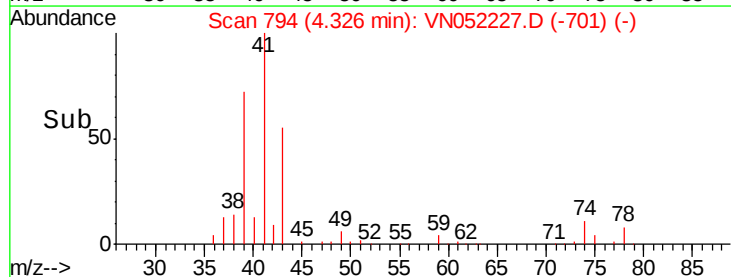
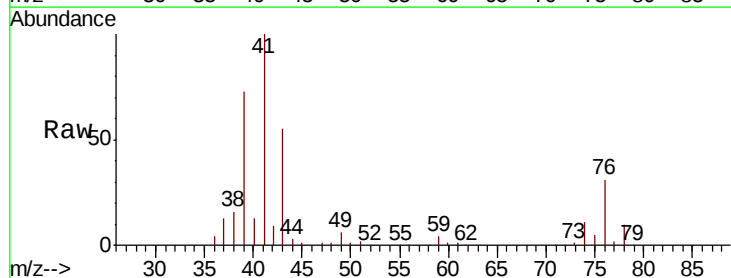
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

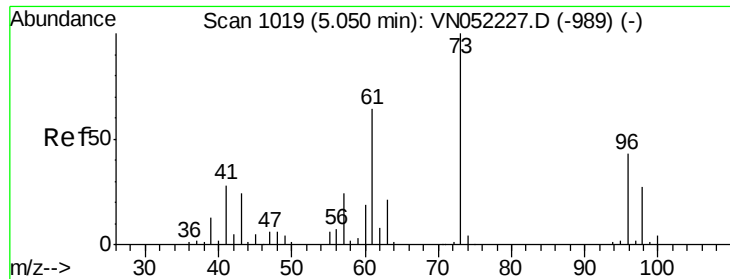
Tgt Ion: 76 Resp: 404263
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 50.759 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 43 Resp: 152269
Ion Ratio Lower Upper
43 100
74 20.2 16.2 24.2

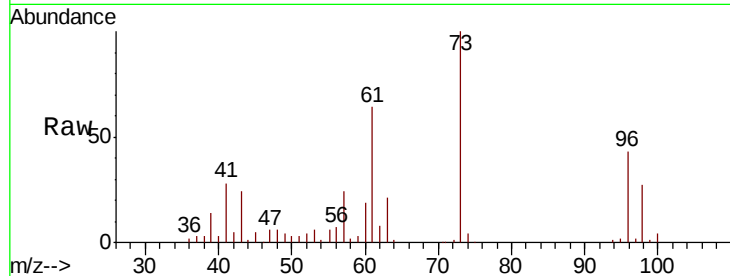




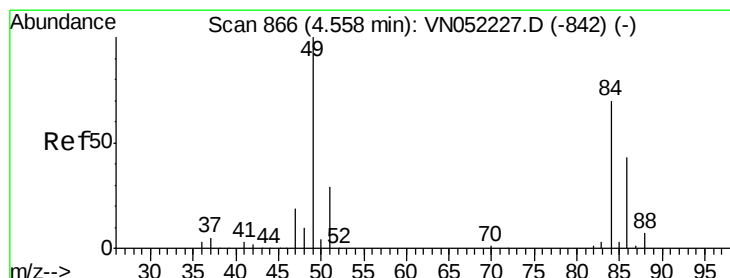
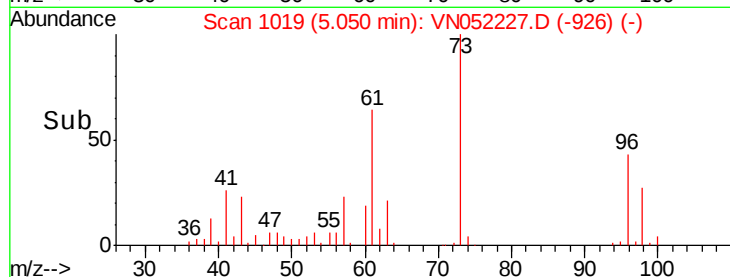
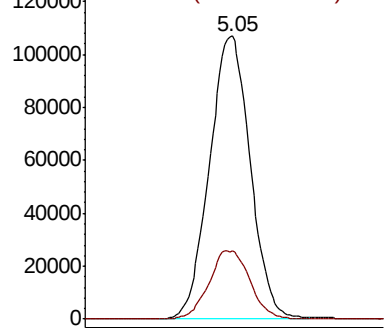
#19
Methyl tert-butyl Ether
Concen: 48.711 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 404834
Ion Ratio Lower Upper
73 100
57 23.9 19.1 28.7

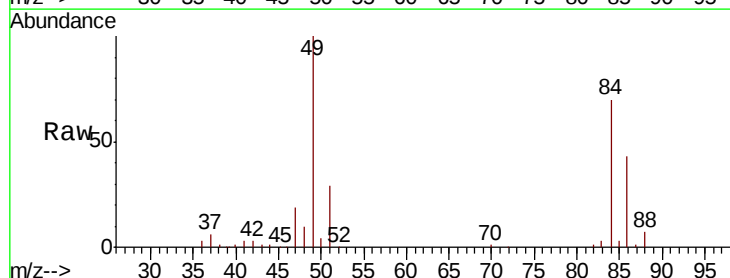


Abundance Ion 73.00 (72.70 to 73.70): VN052227.D (-989) (-)
Ion 57.00 (56.70 to 57.70): VN052227.D (-989) (-)

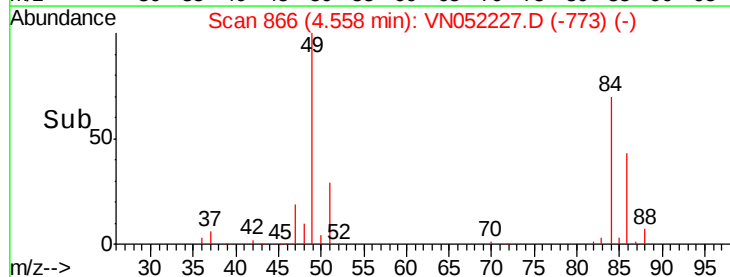
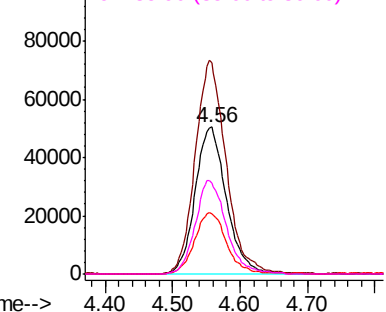


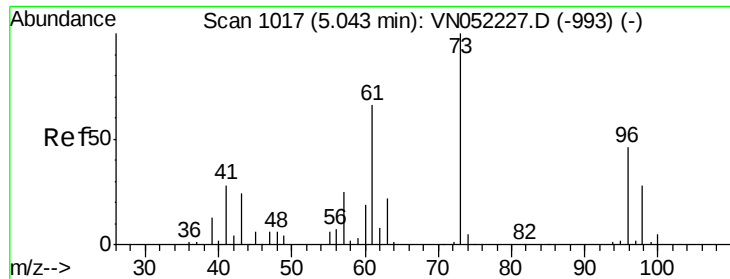
#20
Methylene Chloride
Concen: 50.682 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 84 Resp: 163330
Ion Ratio Lower Upper
84 100
49 143.5 114.8 172.2
51 41.4 33.1 49.7
86 62.1 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VN052227.D (-842) (-)
Ion 48.90 (48.60 to 49.60): VN052227.D (-842) (-)
Ion 50.90 (50.60 to 51.60): VN052227.D (-842) (-)
Ion 85.90 (85.60 to 86.60): VN052227.D (-842) (-)





#21

trans-1,2-Dichloroethene

Concen: 47.505 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

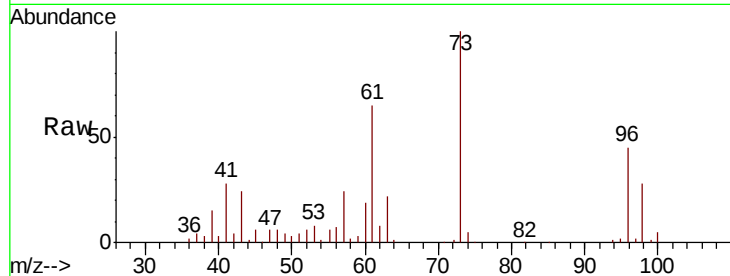
Tgt Ion: 96 Resp: 150188

Ion Ratio Lower Upper

96 100

61 144.1 115.3 172.9

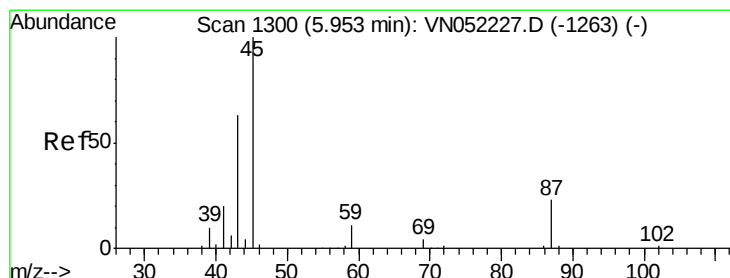
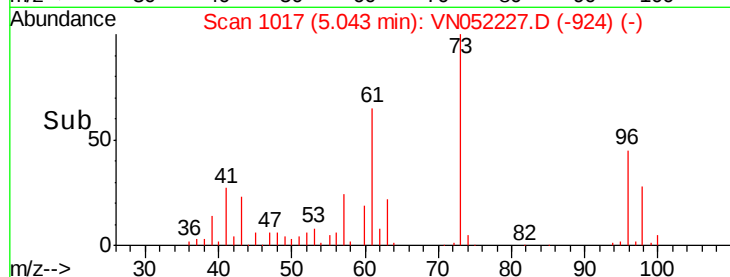
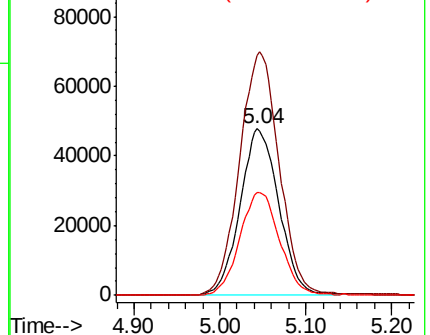
98 61.9 49.5 74.3



Abundance Ion 95.90 (95.60 to 96.60): VN052227.D (-993) (-)

Ion 60.90 (60.60 to 61.60): VN052227.D (-993) (-)

Ion 97.90 (97.60 to 98.60): VN052227.D (-993) (-)



#22

Diisopropyl ether

Concen: 48.017 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Tgt Ion: 45 Resp: 589119

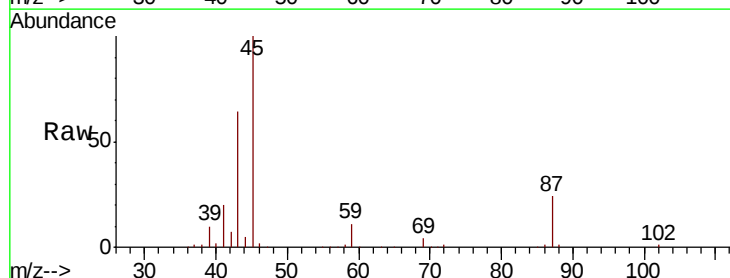
Ion Ratio Lower Upper

45 100

43 63.3 50.6 76.0

87 23.7 19.0 28.4

59 10.8 8.6 13.0

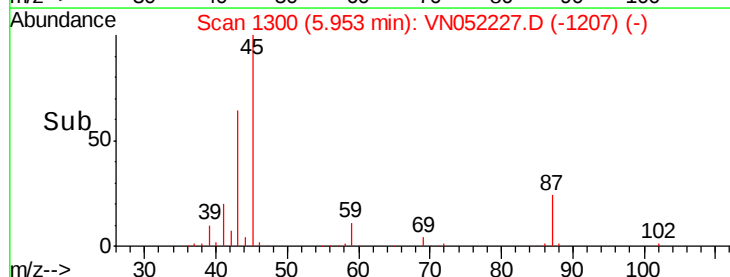
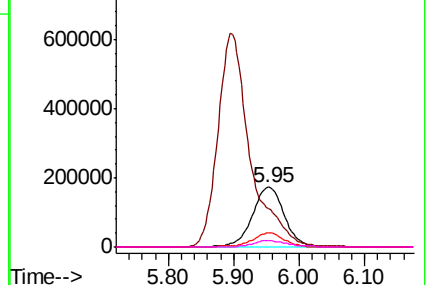


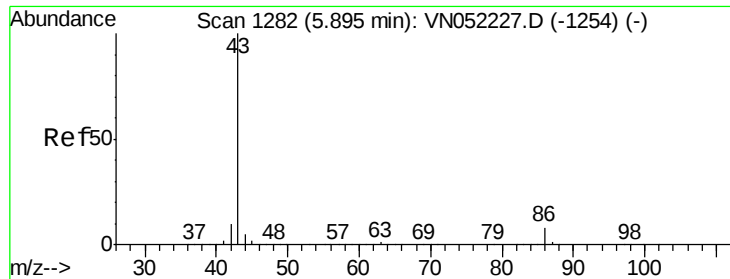
Abundance Ion 45.00 (44.70 to 45.70): VN052227.D (-1263) (-)

Ion 43.00 (42.70 to 43.70): VN052227.D (-1263) (-)

Ion 87.00 (86.70 to 87.70): VN052227.D (-1263) (-)

Ion 59.00 (58.70 to 59.70): VN052227.D (-1263) (-)

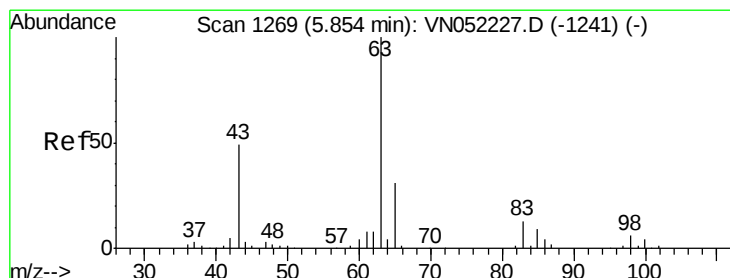
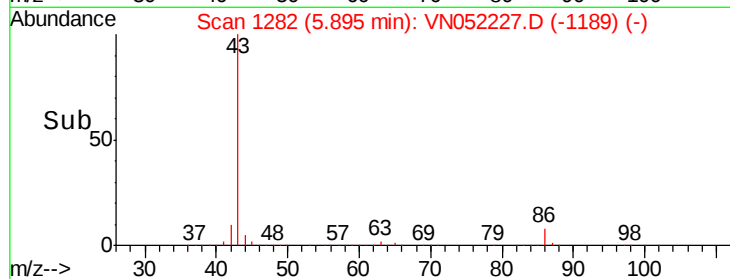
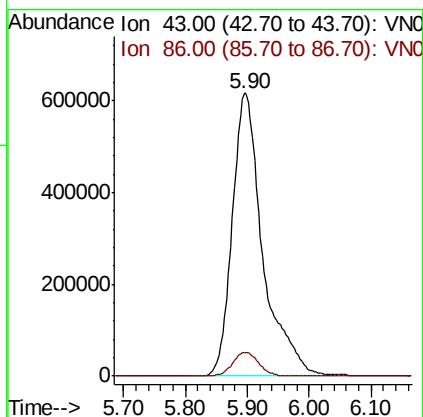
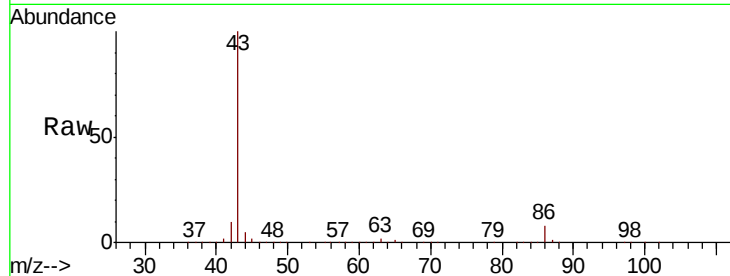




#23
 Vinyl Acetate
 Concen: 252.897 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

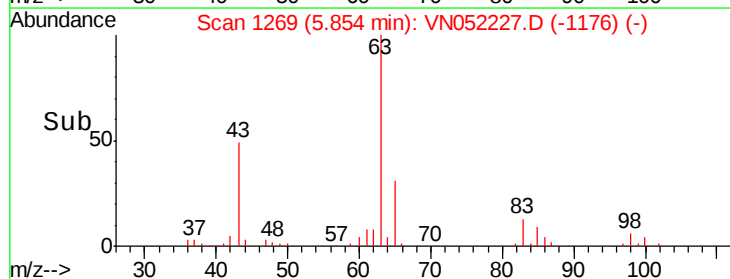
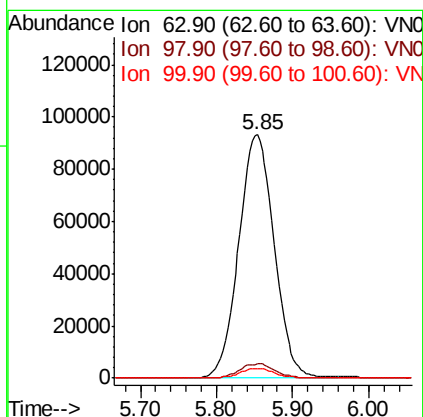
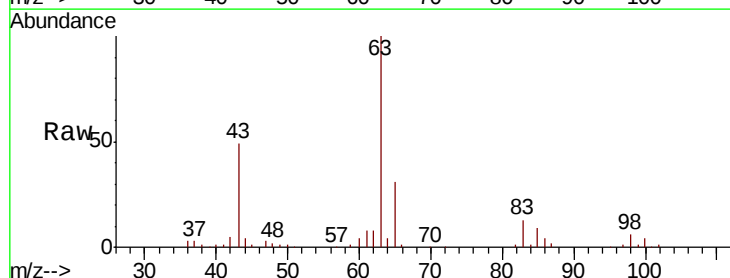
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

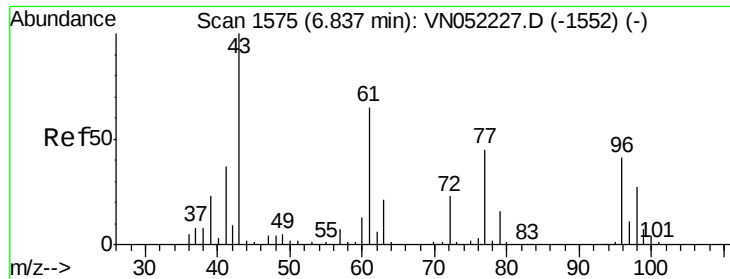
Tgt Ion: 43 Resp: 2118643
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 46.910 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 63 Resp: 302498
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 240.321 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

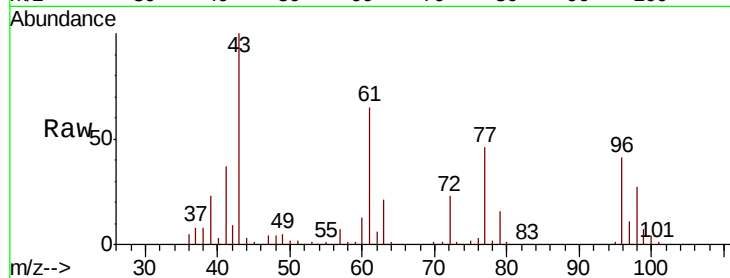
VSTDICCC050

Tgt Ion: 43 Resp: 390119

Ion Ratio Lower Upper

43 100

72 23.2 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-1552) (-)

Ion 72.00 (71.70 to 72.70): VN052227.D (-1552) (-)

6.84

150000

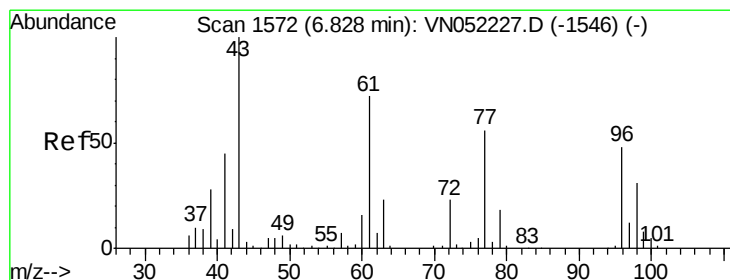
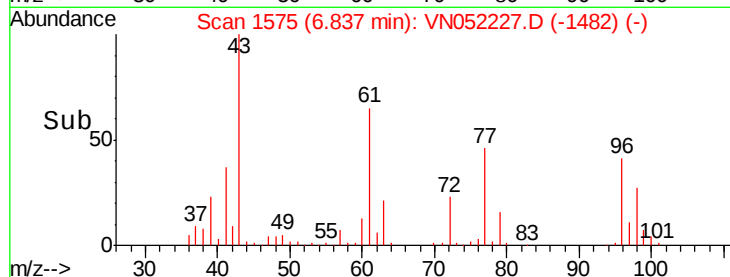
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 47.048 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052227.D

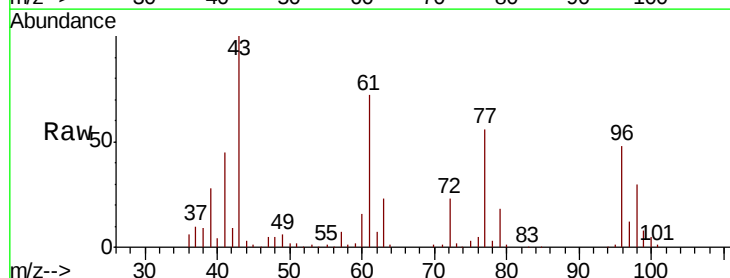
Acq: 9 Nov 2018 14:59

Tgt Ion: 77 Resp: 221590

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VN052227.D (-1546) (-)

Ion 96.90 (96.60 to 97.60): VN052227.D (-1546) (-)

6.83

80000

60000

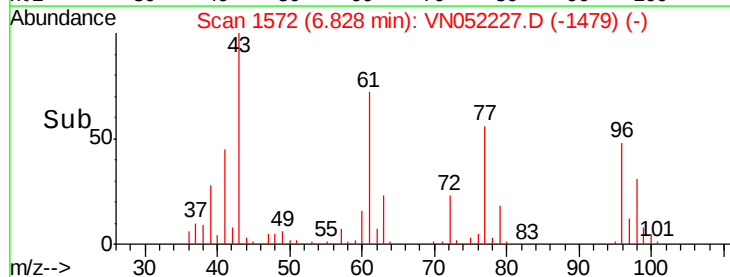
40000

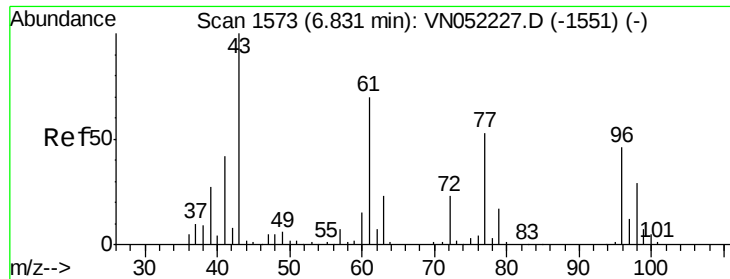
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.582 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

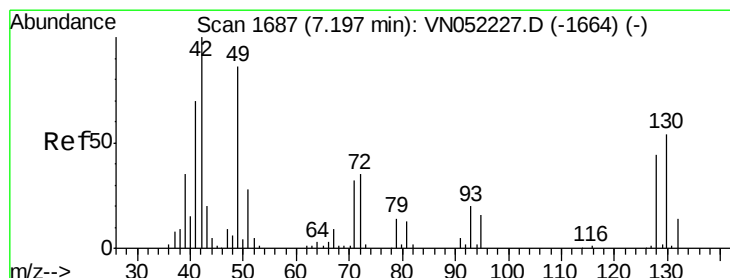
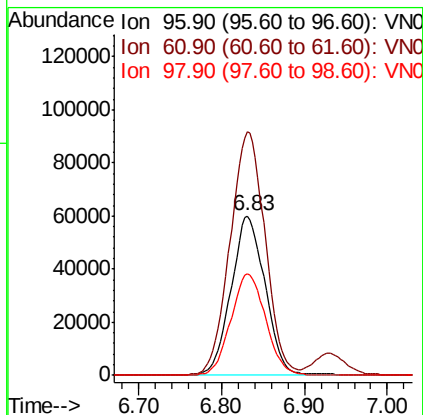
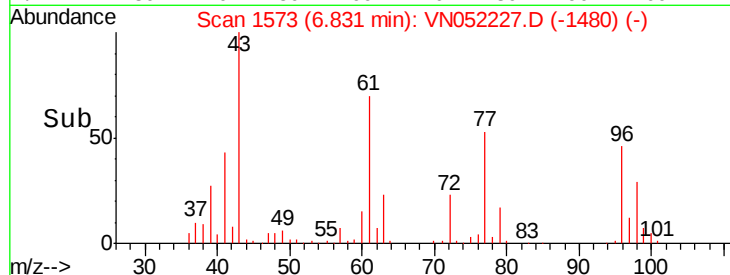
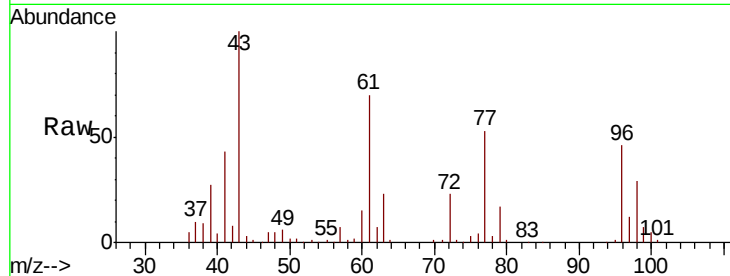
Tgt Ion: 96 Resp: 171929

Ion Ratio Lower Upper

96 100

61 156.7 0.0 313.4

98 64.9 0.0 129.8



#28

Bromochloromethane

Concen: 49.367 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

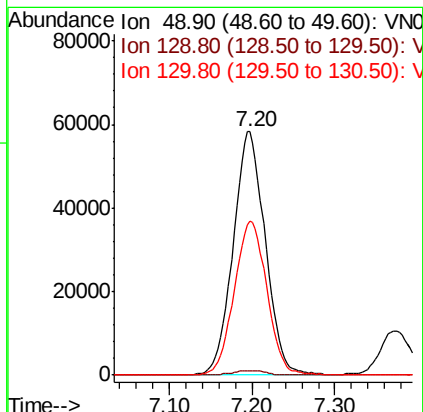
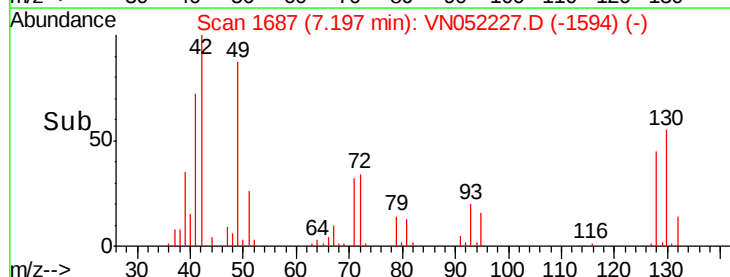
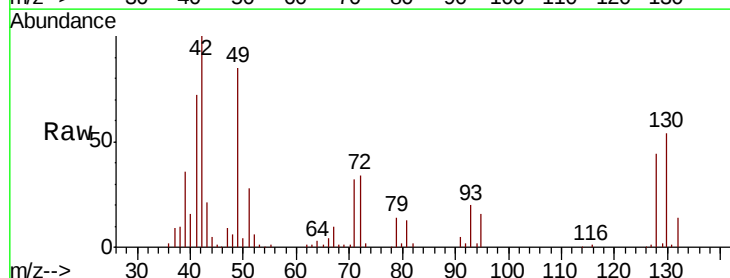
Tgt Ion: 49 Resp: 157304

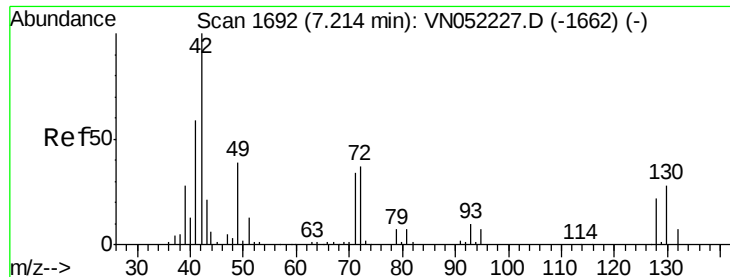
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 64.3 51.4 77.2

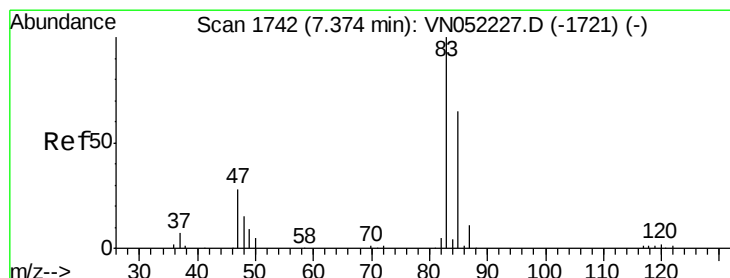
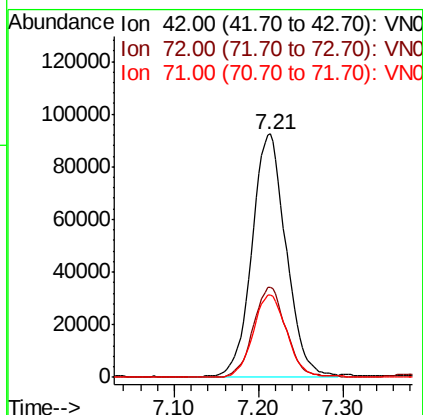
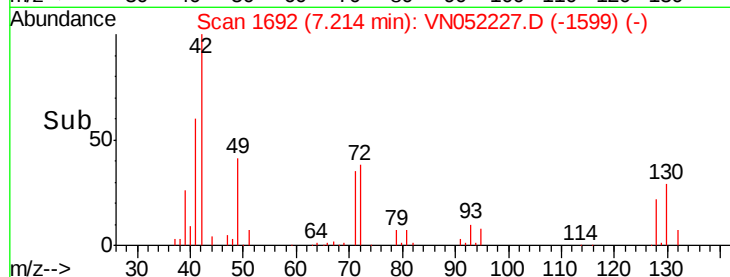
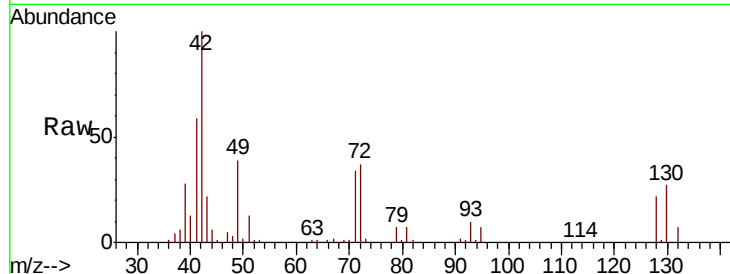




#29
Tetrahydrofuran
Concen: 247.831 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

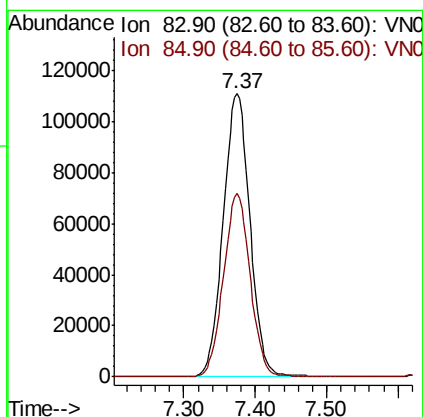
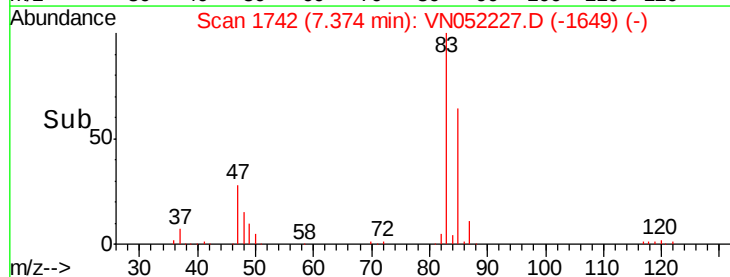
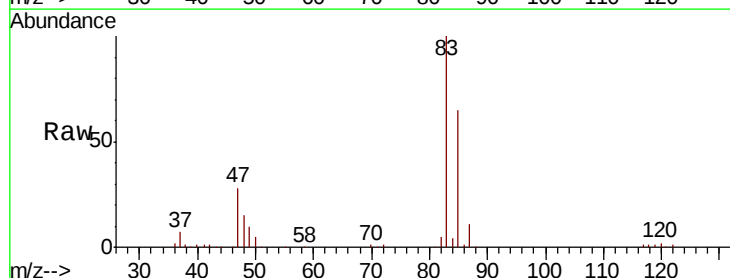
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

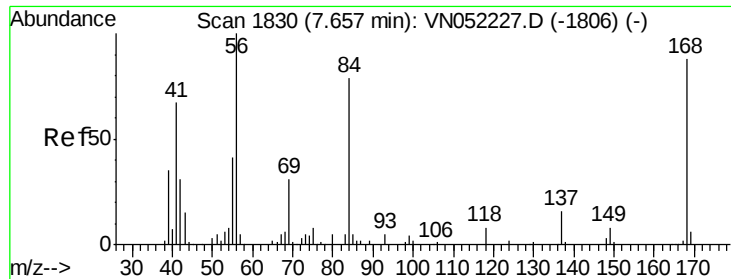
Tgt Ion: 42 Resp: 258577
Ion Ratio Lower Upper
42 100
72 35.8 28.6 43.0
71 33.9 27.1 40.7



#30
Chloroform
Concen: 47.481 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 83 Resp: 289771
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6

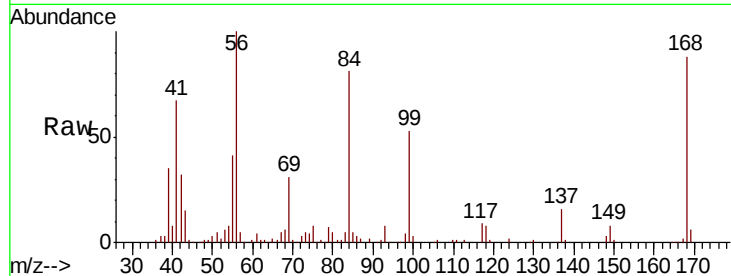




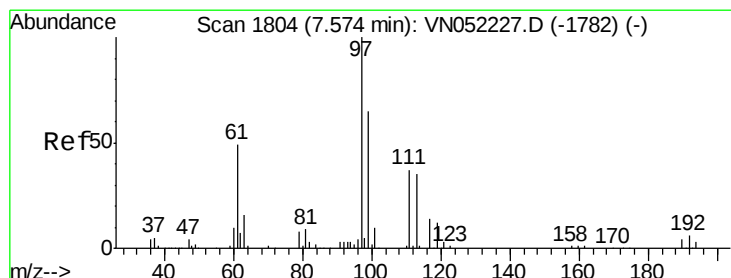
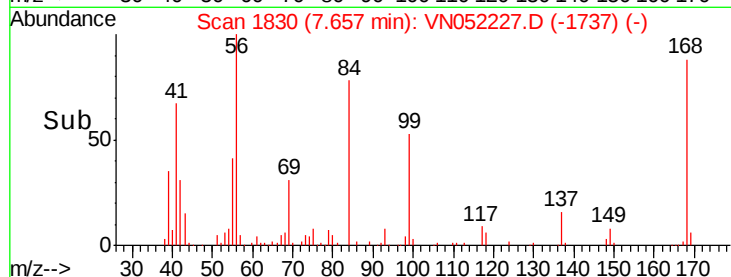
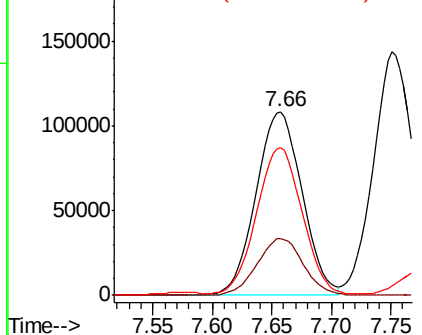
#31
Cyclohexane
Concen: 38.807 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 290456
Ion Ratio Lower Upper
56 100
69 31.0 24.8 37.2
84 78.9 63.1 94.7

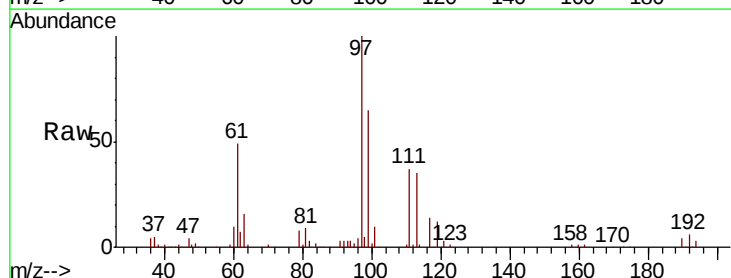


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

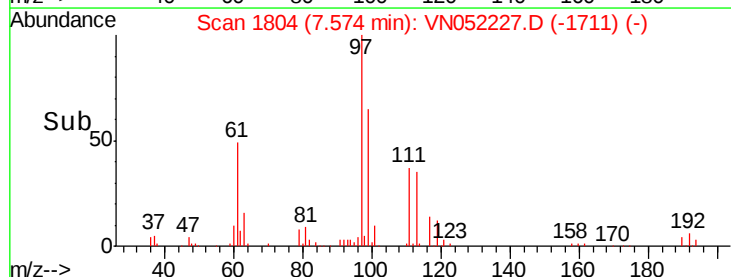
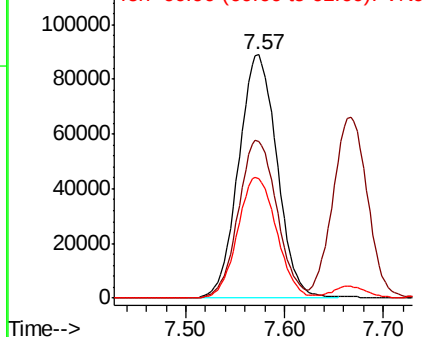


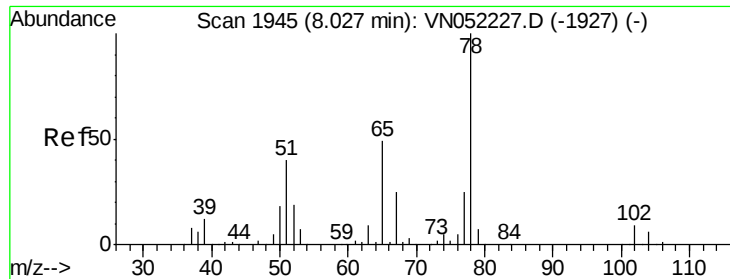
#32
1,1,1-Trichloroethane
Concen: 48.262 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 97 Resp: 240075
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 50.3 40.2 60.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

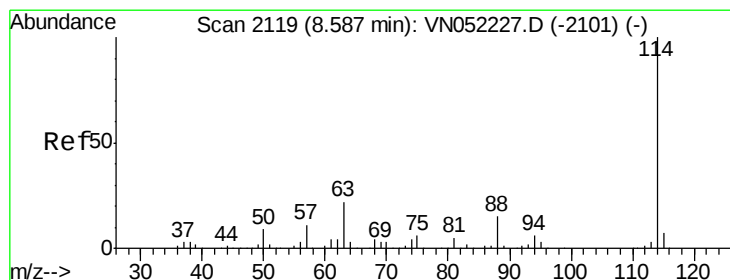
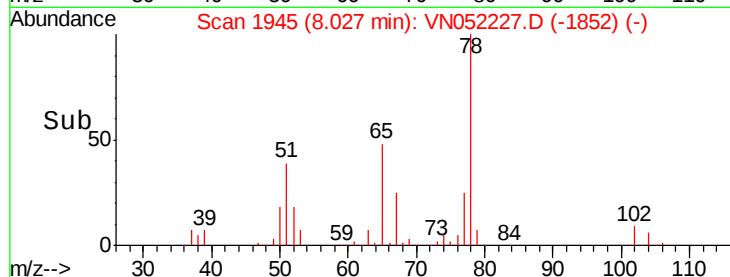
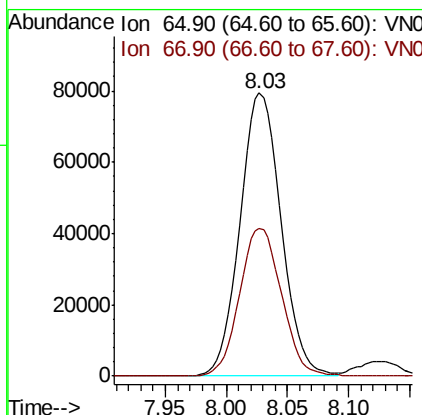
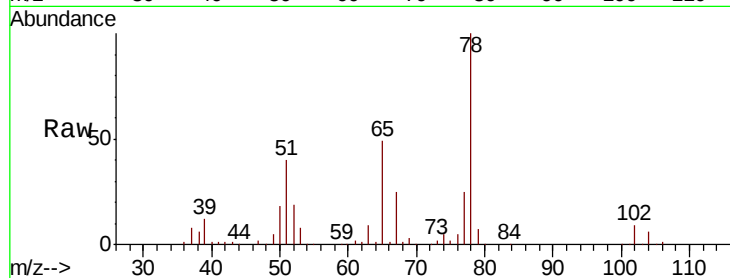




#33
 1,2-Dichloroethane-d4
 Concen: 48.262 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

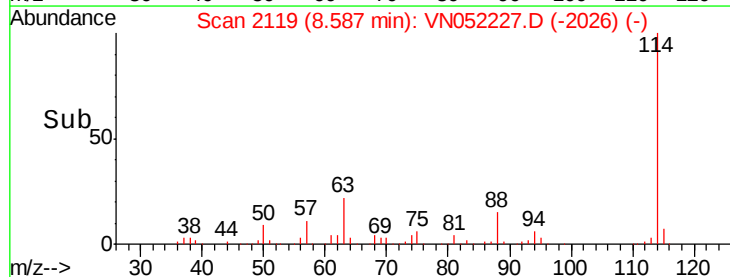
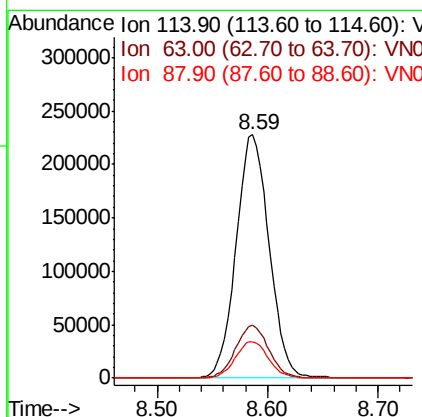
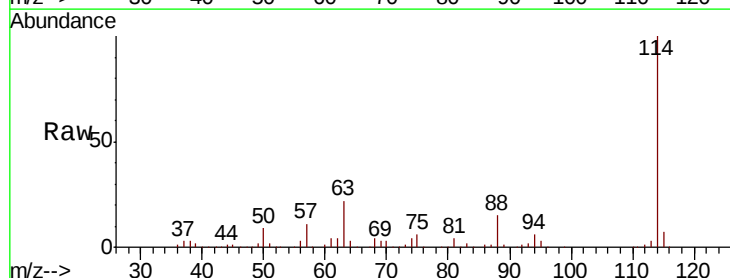
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

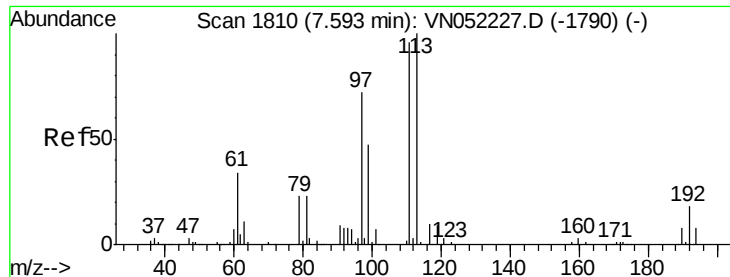
Tgt Ion: 65 Resp: 184978
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 114 Resp: 473157
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 15.1 0.0 30.2

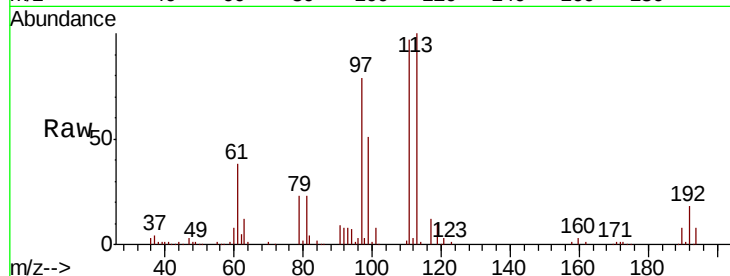




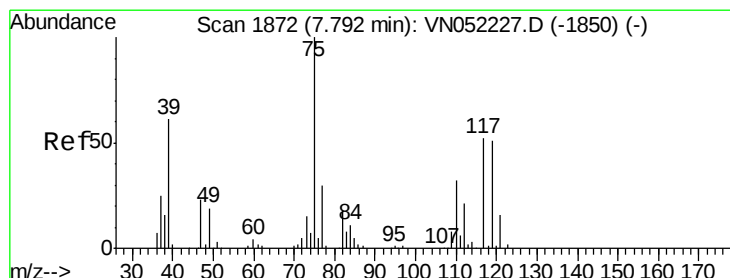
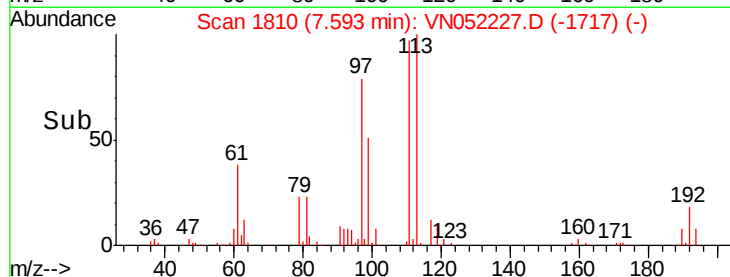
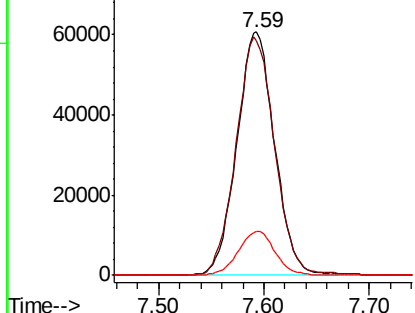
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 113 Resp: 150952
 Ion Ratio Lower Upper
 113 100
 111 100.3 80.2 120.4
 192 17.6 14.1 21.1

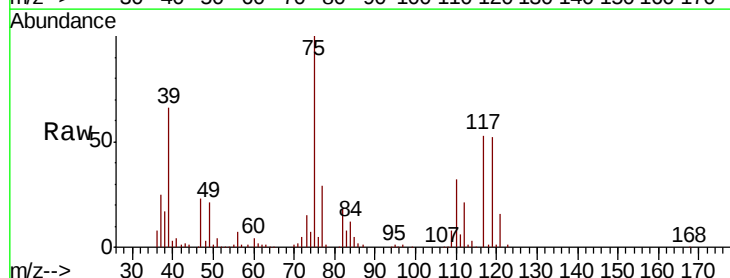


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

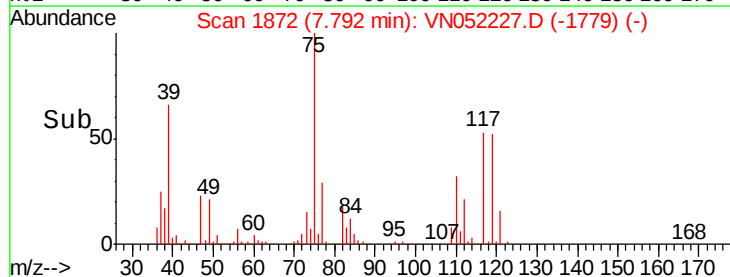
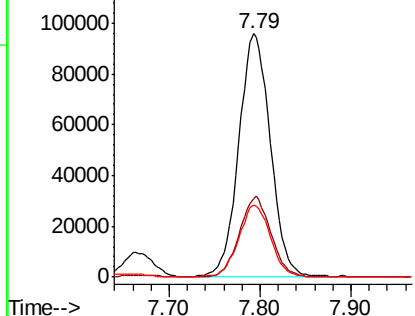


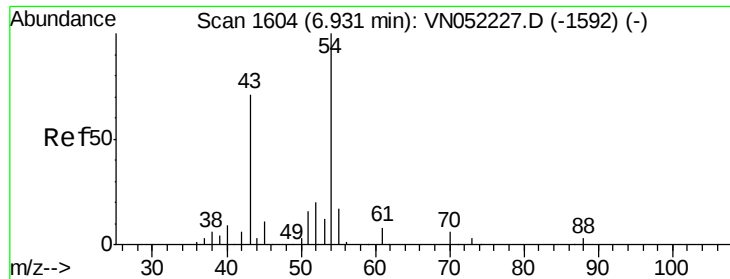
#36
 1,1-Dichloropropene
 Concen: 48.268 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 75 Resp: 230519
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.4 49.4
 77 29.9 23.9 35.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

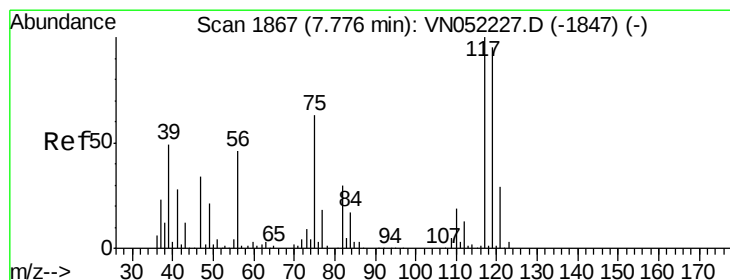
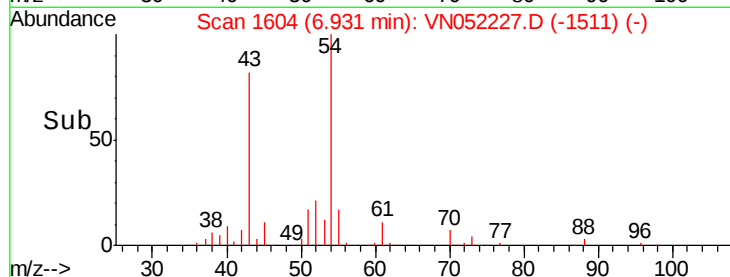
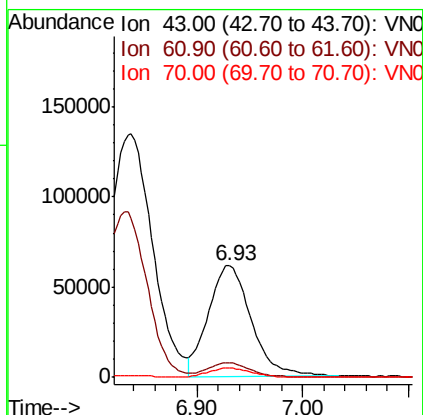
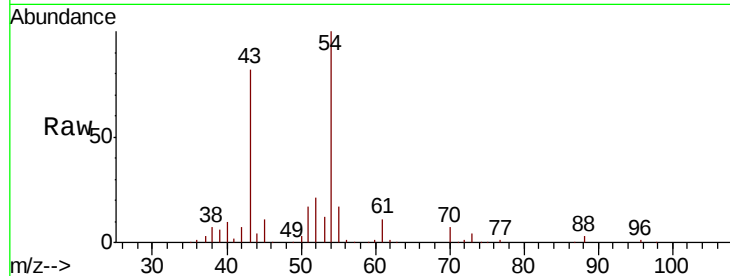




#37
 Ethyl Acetate
 Concen: 49.084 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

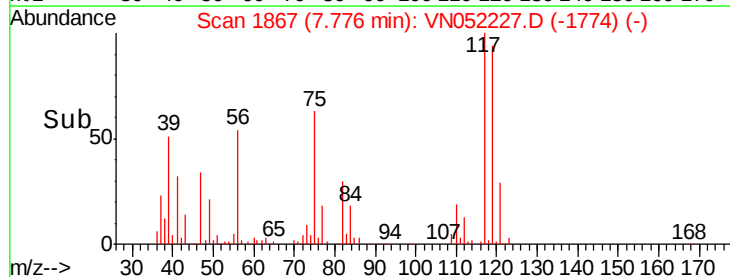
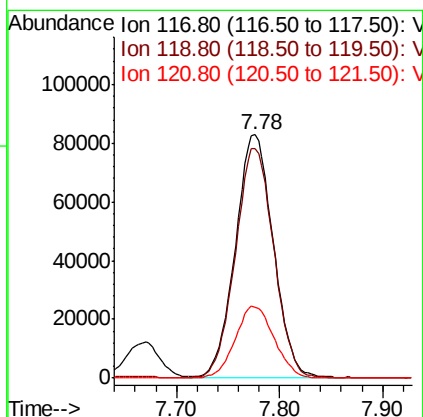
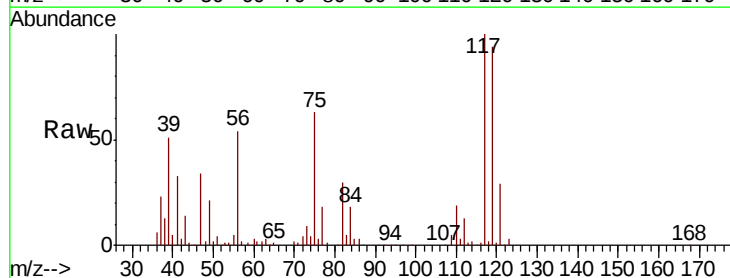
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

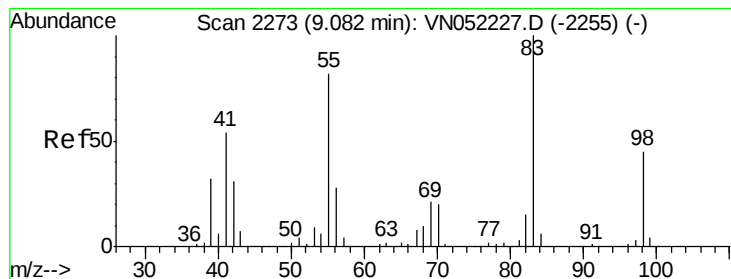
Tgt Ion: 43 Resp: 172960
 Ion Ratio Lower Upper
 43 100
 61 12.5 10.0 15.0
 70 8.6 6.9 10.3



#38
 Carbon Tetrachloride
 Concen: 48.907 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 117 Resp: 211667
 Ion Ratio Lower Upper
 117 100
 119 94.8 75.8 113.8
 121 29.3 23.4 35.2





#39

Methylcyclohexane

Concen: 49.396 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

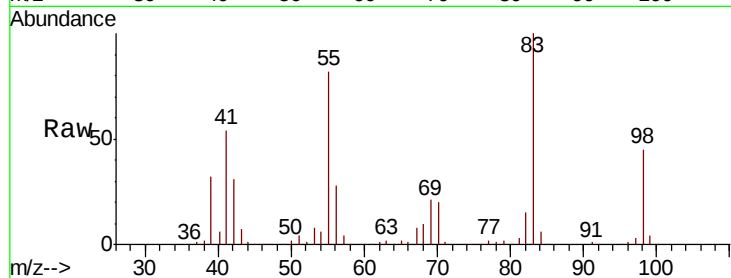
Tgt Ion: 83 Resp: 269076

Ion Ratio Lower Upper

83 100

55 81.5 65.2 97.8

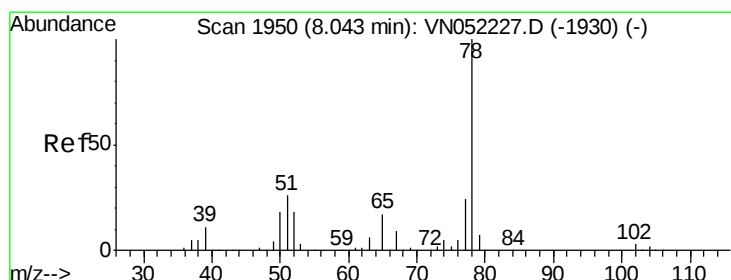
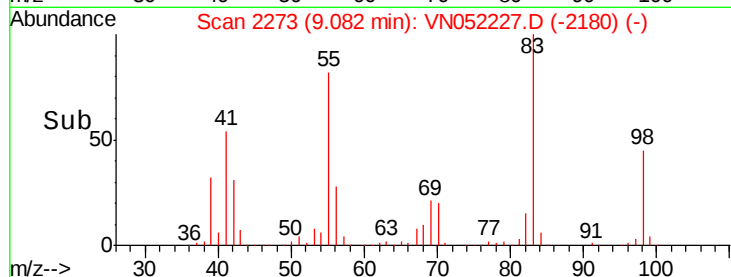
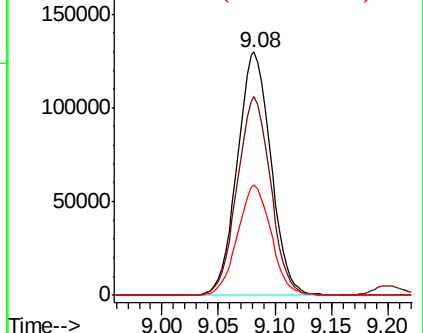
98 45.4 36.3 54.5



Abundance Ion 83.00 (82.70 to 83.70): VN052227.D (-2255) (-)

Ion 55.00 (54.70 to 55.70): VN052227.D (-2255) (-)

Ion 98.00 (97.70 to 98.70): VN052227.D (-2255) (-)



#40

Benzene

Concen: 48.465 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052227.D

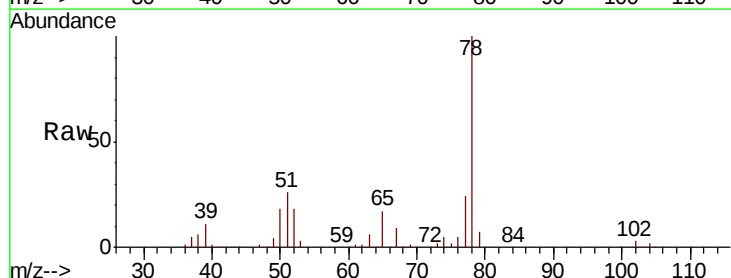
Acq: 9 Nov 2018 14:59

Tgt Ion: 78 Resp: 662698

Ion Ratio Lower Upper

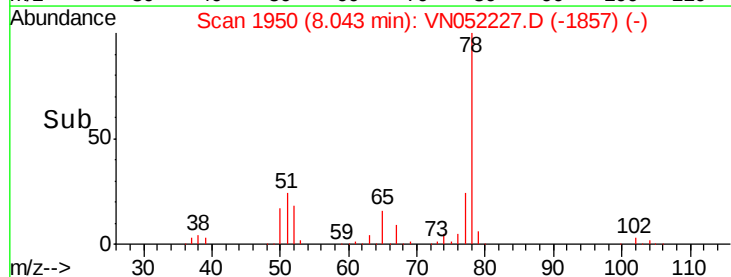
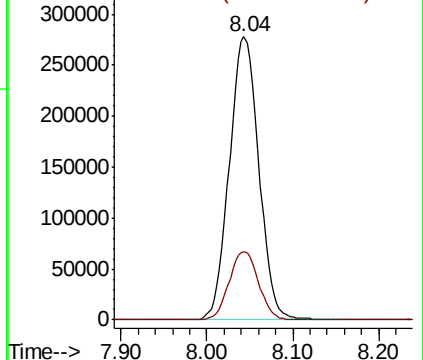
78 100

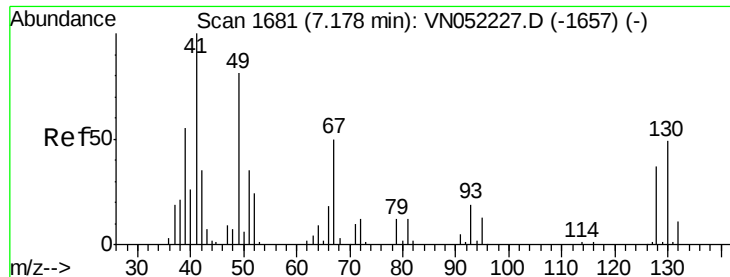
77 24.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VN052227.D (-1930) (-)

Ion 77.00 (76.70 to 77.70): VN052227.D (-1930) (-)

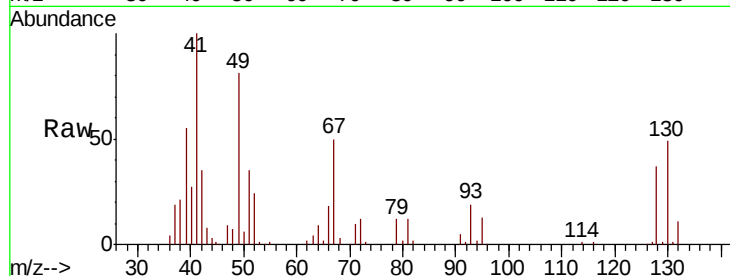




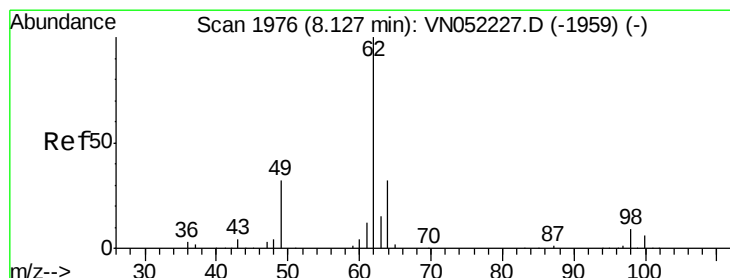
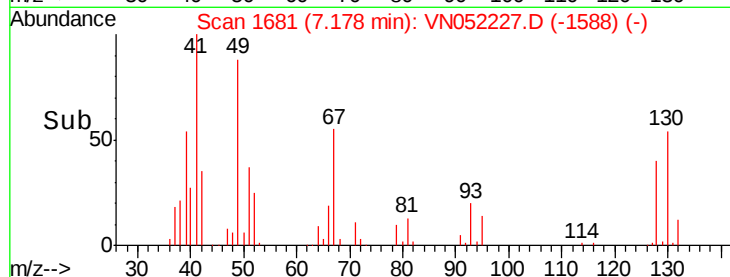
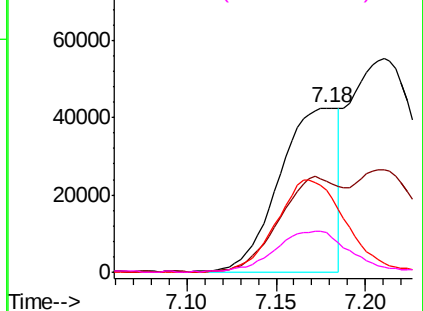
#41
Methacrylonitrile
Concen: 51.882 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 96442
Ion Ratio Lower Upper
41 100
39 59.7 47.8 71.6
67 67.9 54.3 81.5
52 32.8 26.2 39.4

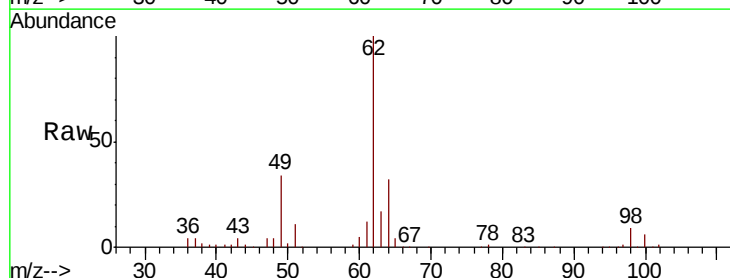


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

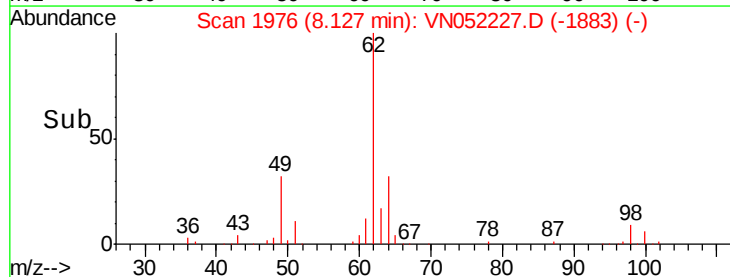
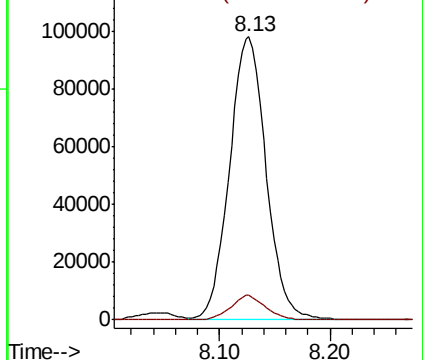


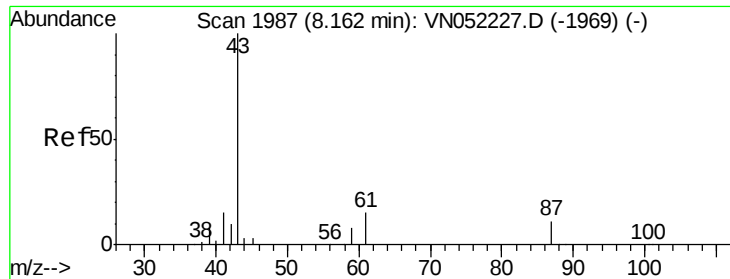
#42
1,2-Dichloroethane
Concen: 46.813 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 62 Resp: 224586
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 49.385 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

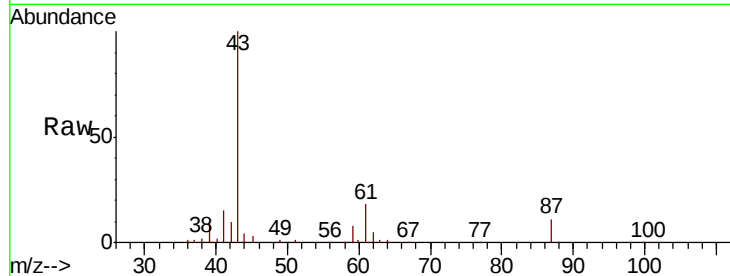
Tgt Ion: 43 Resp: 309203

Ion Ratio Lower Upper

43 100

61 17.8 14.2 21.4

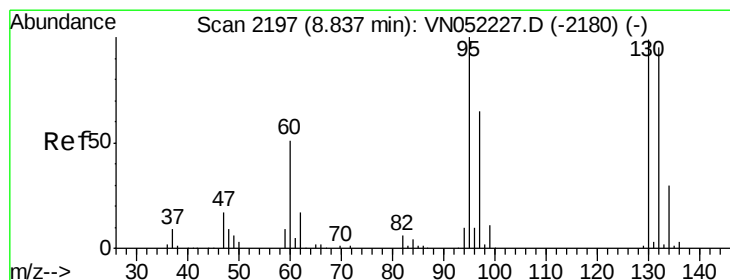
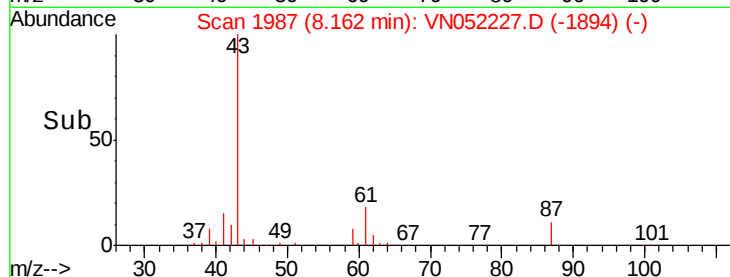
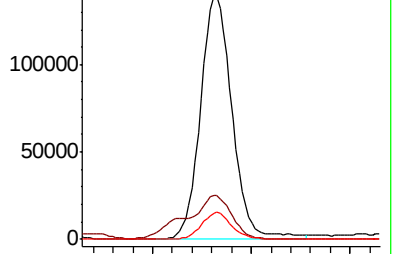
87 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN052227.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN052227.D (-1969) (-)



#44

Trichloroethene

Concen: 48.106 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052227.D

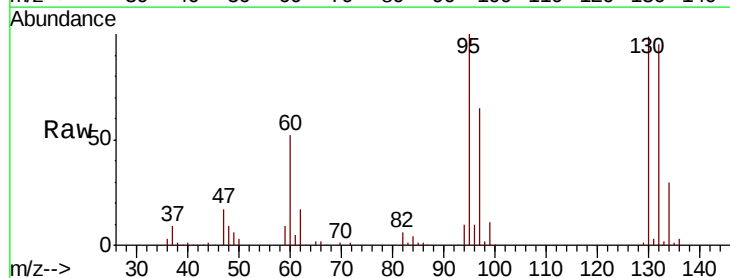
Acq: 9 Nov 2018 14:59

Tgt Ion: 130 Resp: 164833

Ion Ratio Lower Upper

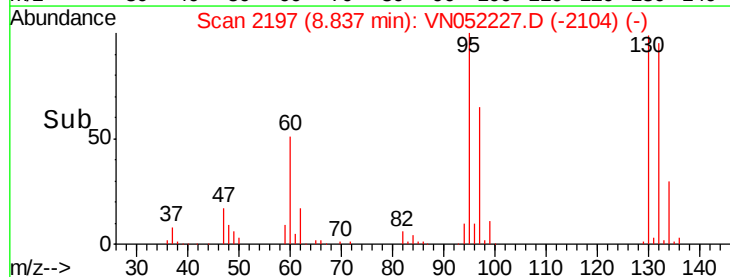
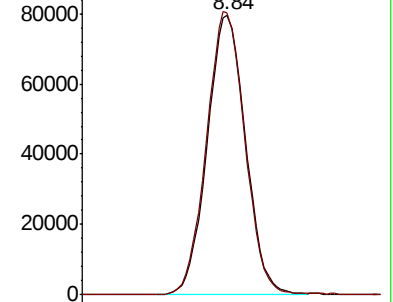
130 100

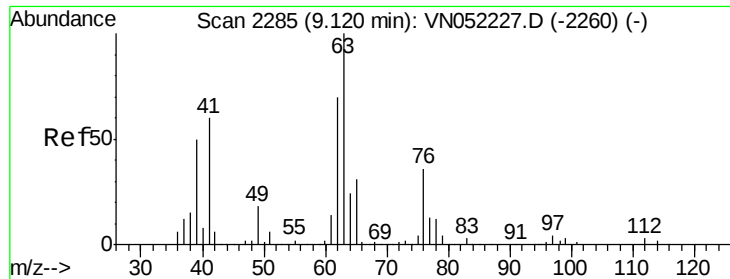
95 100.8 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN052227.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN052227.D (-2180) (-)

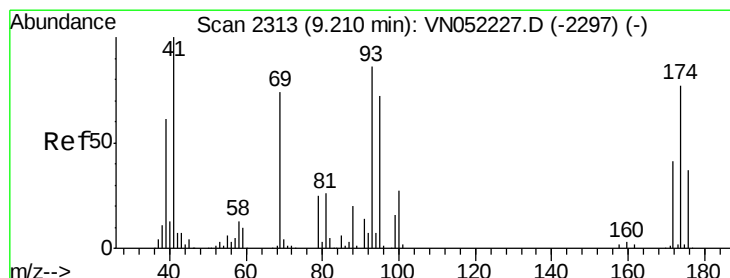
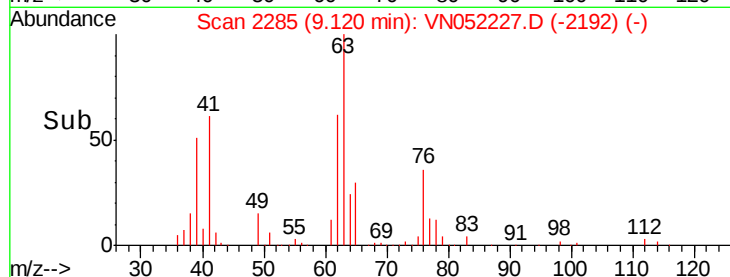
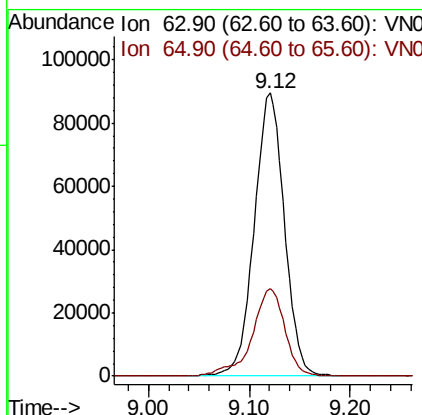
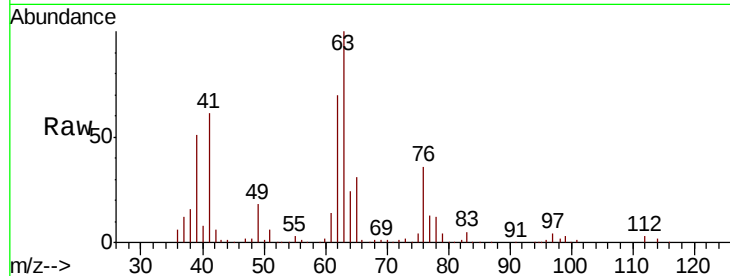




#45
 1,2-Dichloropropane
 Concen: 48.445 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

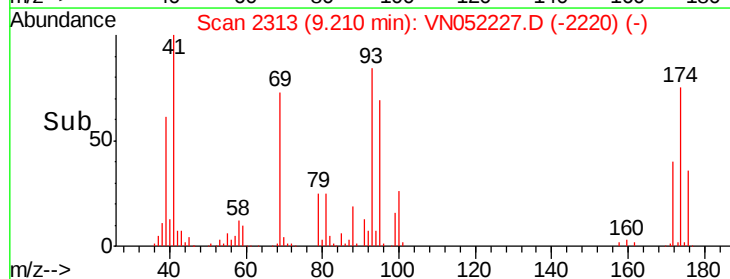
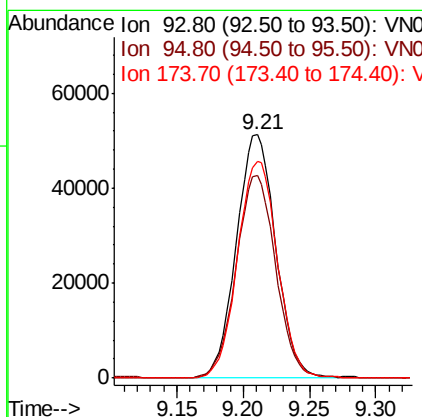
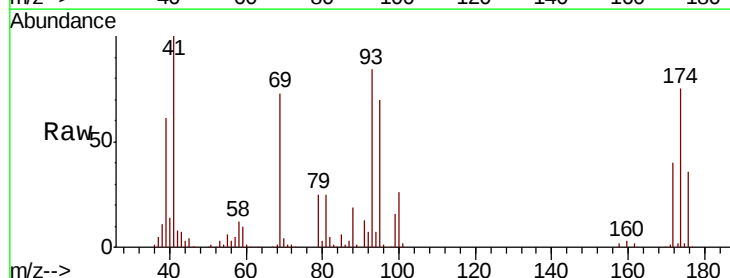
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

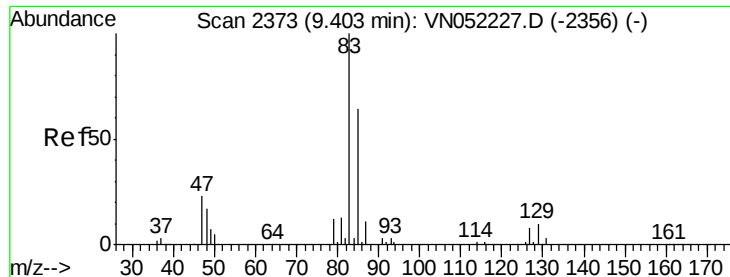
Tgt Ion: 63 Resp: 185059
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 48.331 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 93 Resp: 106048
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 90.1 72.1 108.1





#47

Bromodichloromethane

Concen: 48.133 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

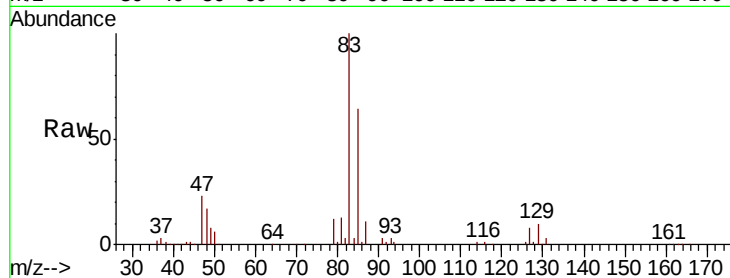
Tgt Ion: 83 Resp: 218820

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

127 7.8 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VN052227.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN052227.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN052227.D (-2356) (-)

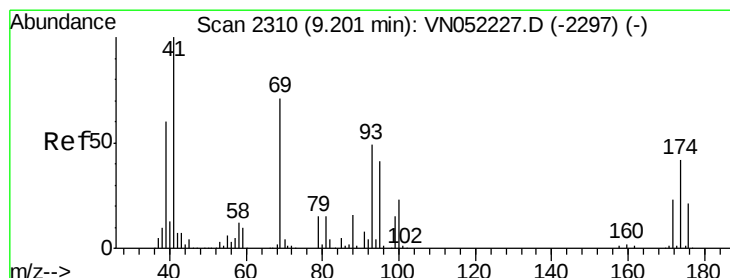
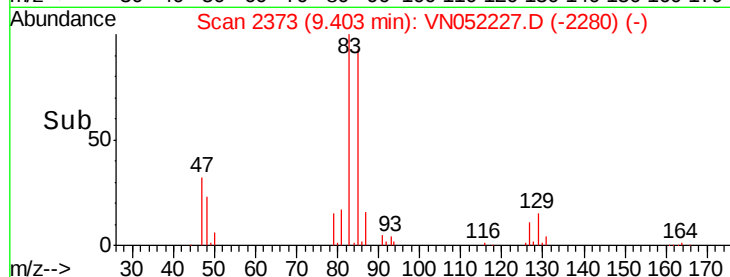
9.40

100000

50000

0

Time-->



#48

Methyl methacrylate

Concen: 48.801 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

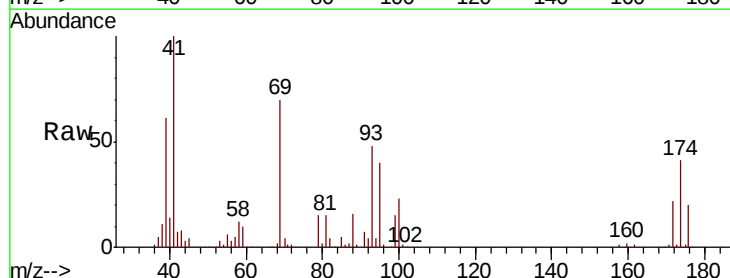
Tgt Ion: 41 Resp: 160992

Ion Ratio Lower Upper

41 100

69 73.5 58.8 88.2

39 63.4 50.7 76.1



Abundance Ion 41.00 (40.70 to 41.70): VN052227.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN052227.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN052227.D (-2297) (-)

9.20

120000

100000

80000

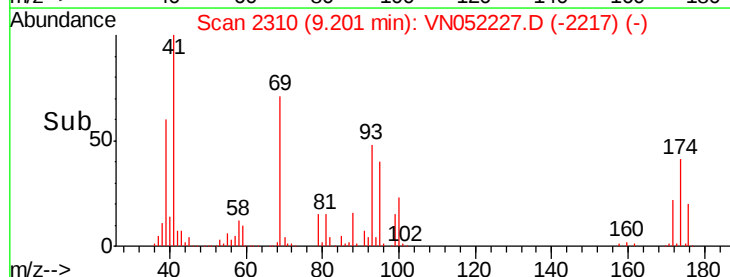
60000

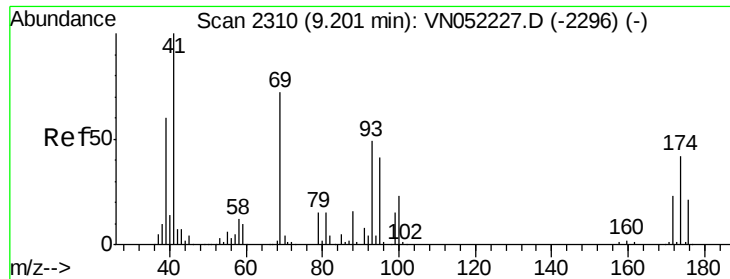
40000

20000

0

Time-->





#49

1,4-Dioxane

Concen: 1130.184 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

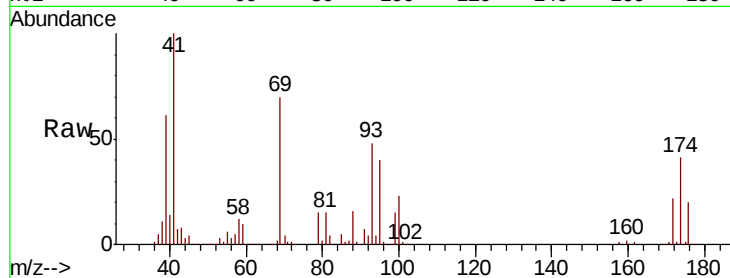
Tgt Ion: 88 Resp: 29972

Ion Ratio Lower Upper

88 100

43 40.6 32.5 48.7

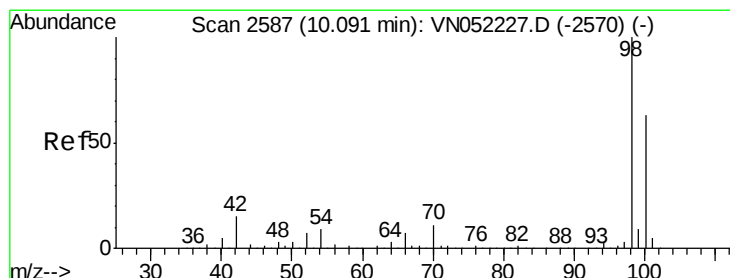
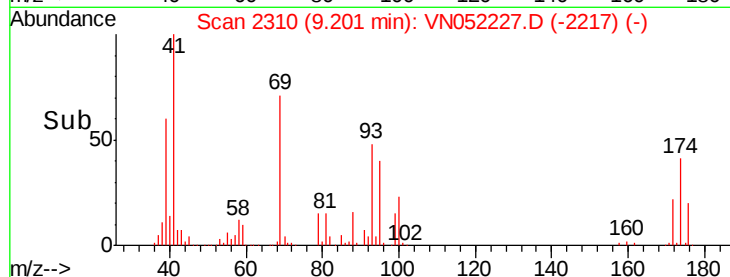
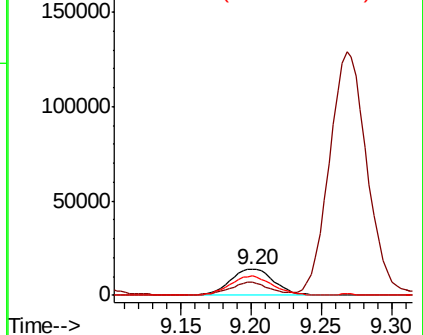
58 72.8 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VN052227.D (-2296) (-)

Ion 43.00 (42.70 to 43.70): VN052227.D (-2296) (-)

Ion 58.00 (57.70 to 58.70): VN052227.D (-2296) (-)



#50

Toluene-d8

Concen: 1130.184 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052227.D

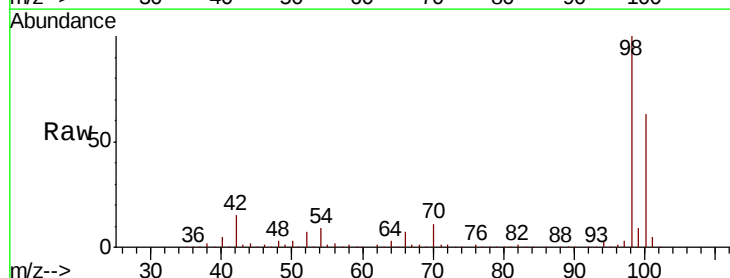
Acq: 9 Nov 2018 14:59

Tgt Ion: 98 Resp: 588948

Ion Ratio Lower Upper

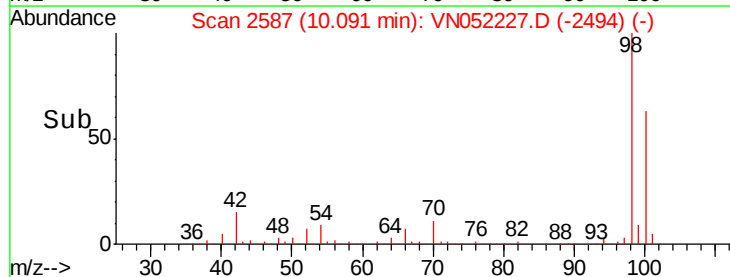
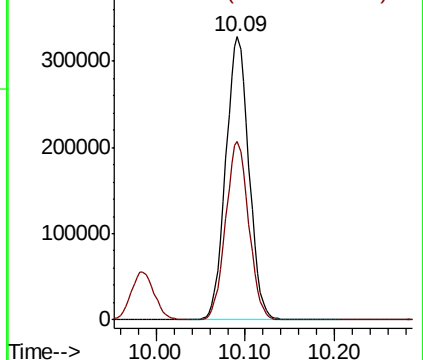
98 100

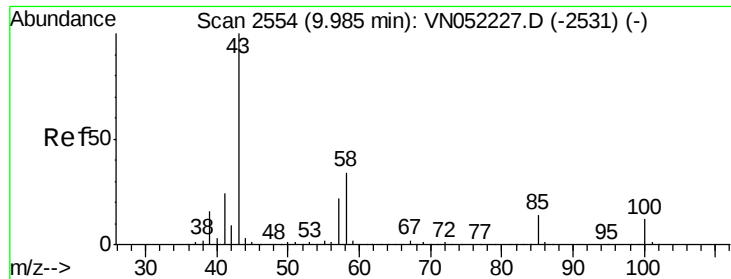
100 62.7 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN052227.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052227.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 249.921 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

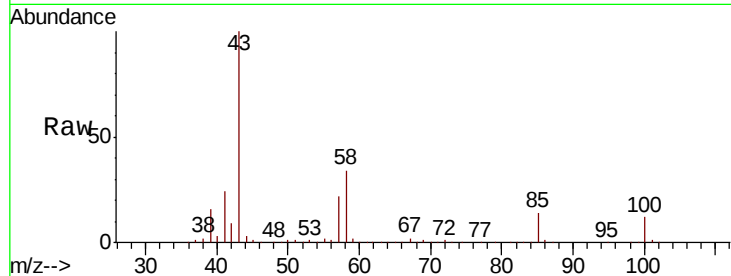
VSTDICCC050

Tgt Ion: 43 Resp: 864151

Ion Ratio Lower Upper

43 100

58 34.2 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN052227.D (-2531) (-)

9.99

500000

400000

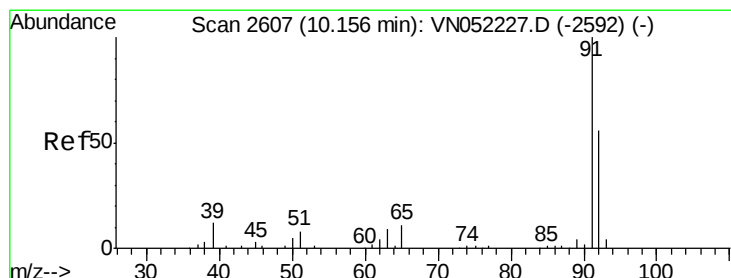
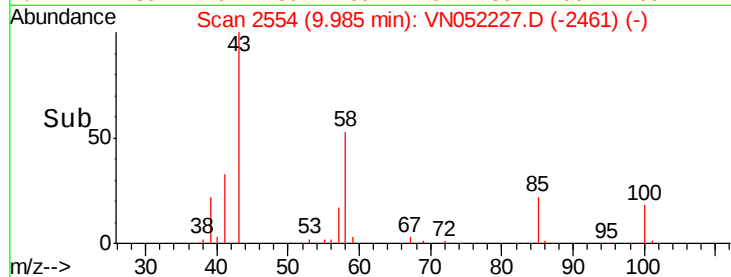
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.658 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052227.D

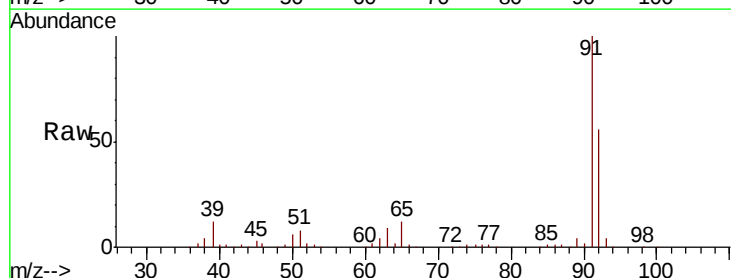
Acq: 9 Nov 2018 14:59

Tgt Ion: 92 Resp: 401350

Ion Ratio Lower Upper

92 100

91 178.1 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VN052227.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN052227.D (-2592) (-)

10.16

400000

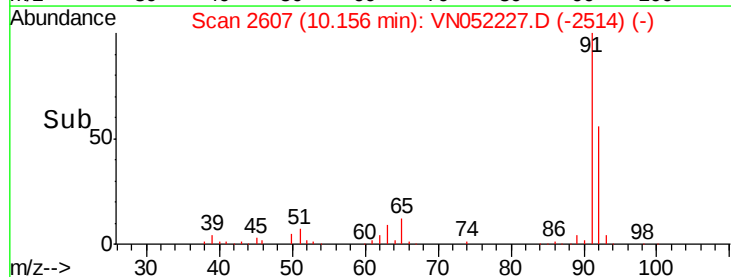
300000

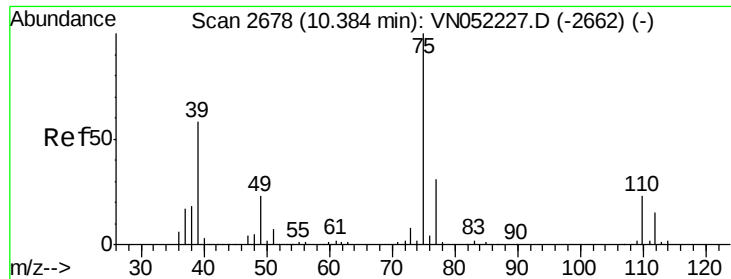
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.803 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

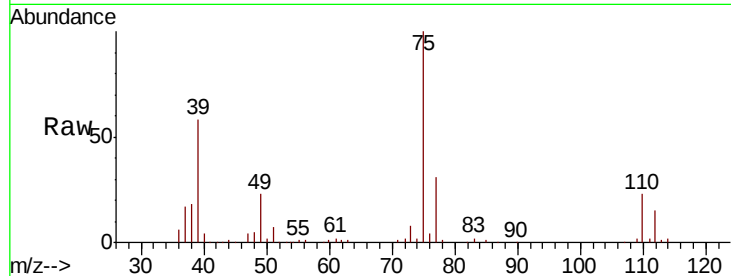
VSTDICCC050

Tgt Ion: 75 Resp: 227911

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-2662) (-)

Ion 76.90 (76.60 to 77.60): VN052227.D (-2662) (-)

10.38

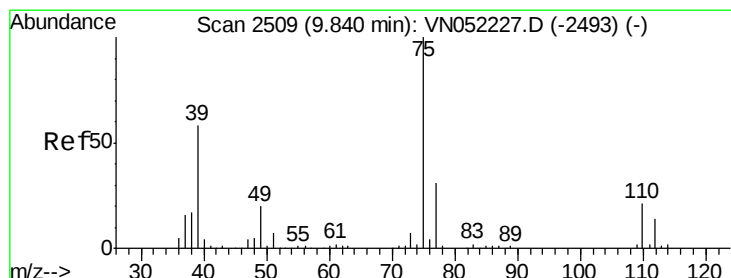
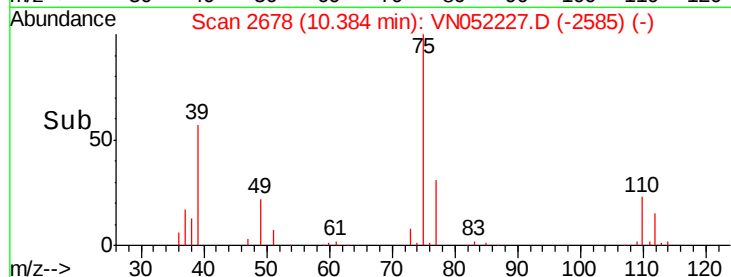
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.835 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

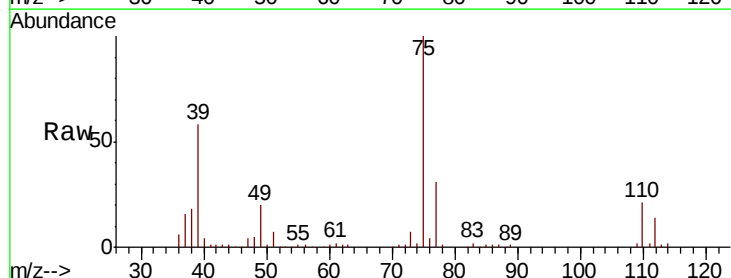
Tgt Ion: 75 Resp: 263919

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 58.3 46.6 70.0



Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN052227.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN052227.D (-2493) (-)

9.84

200000

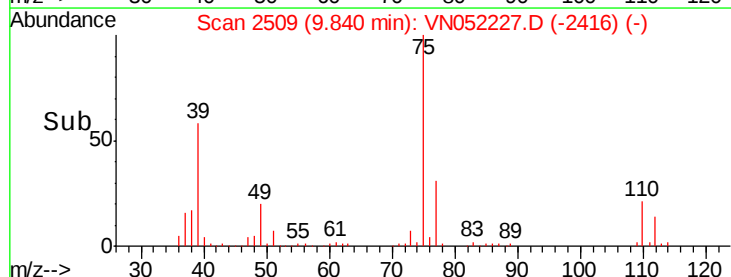
150000

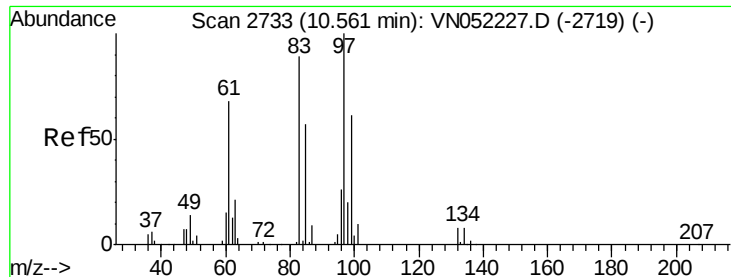
100000

50000

0

Time-->

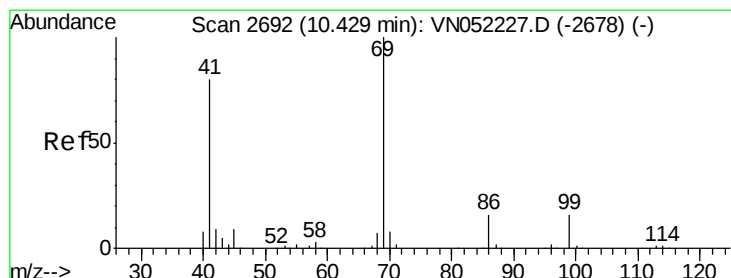
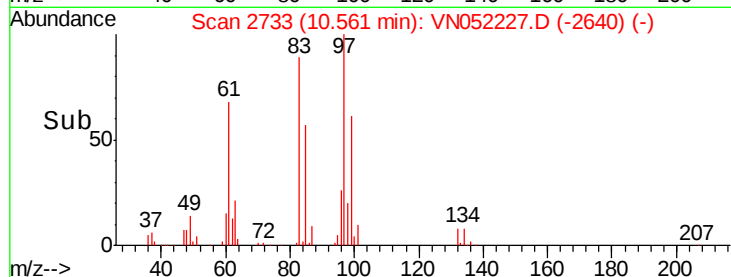
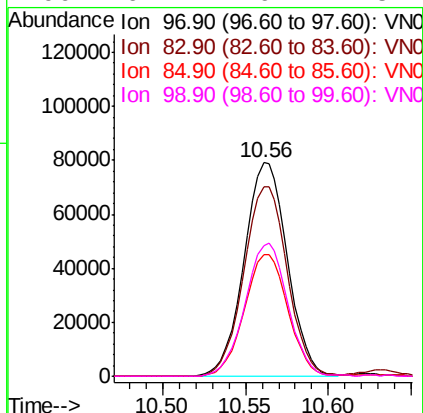
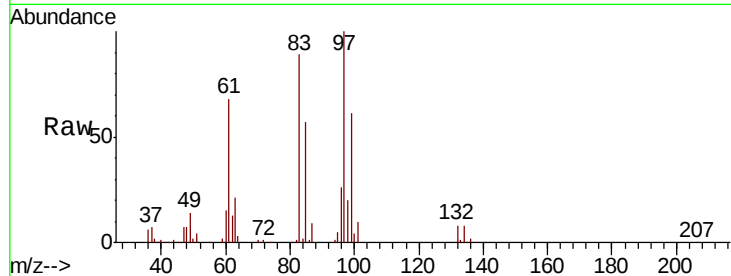




#55
 1,1,2-Trichloroethane
 Concen: 48.269 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

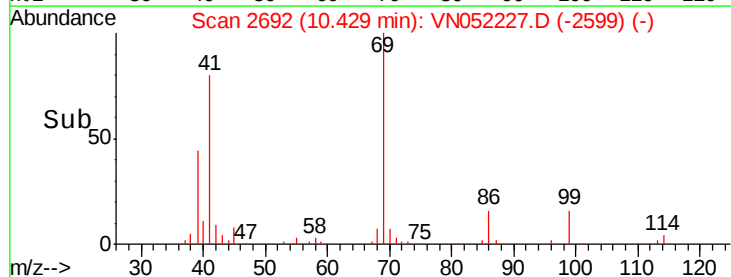
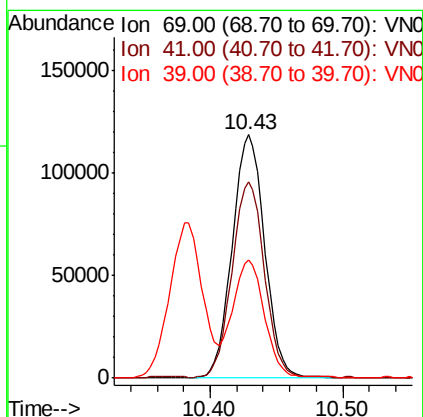
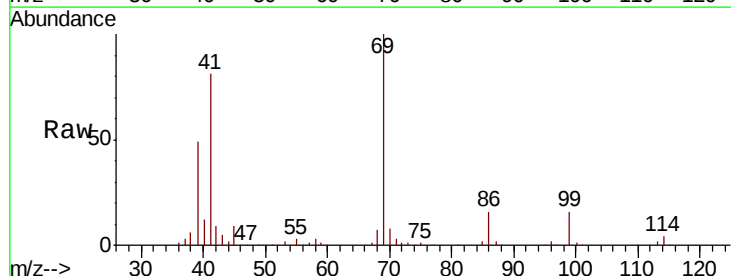
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

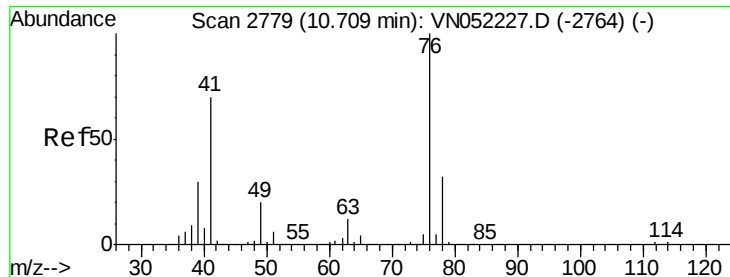
Tgt Ion: 97 Resp: 143905
 Ion Ratio Lower Upper
 97 100
 83 89.0 71.2 106.8
 85 57.0 45.6 68.4
 99 61.4 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 50.005 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 69 Resp: 201486
 Ion Ratio Lower Upper
 69 100
 41 80.0 64.0 96.0
 39 47.3 37.8 56.8





#57

1,3-Dichloropropane

Concen: 47.901 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

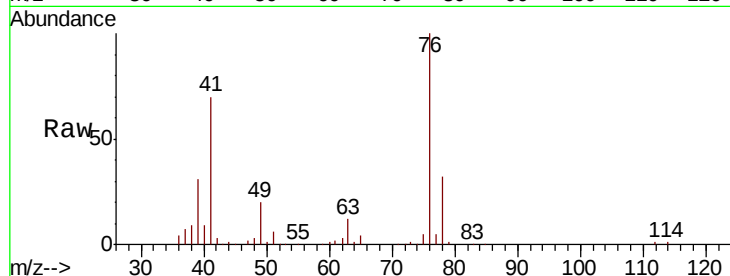
VSTDICCC050

Tgt Ion: 76 Resp: 255644

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

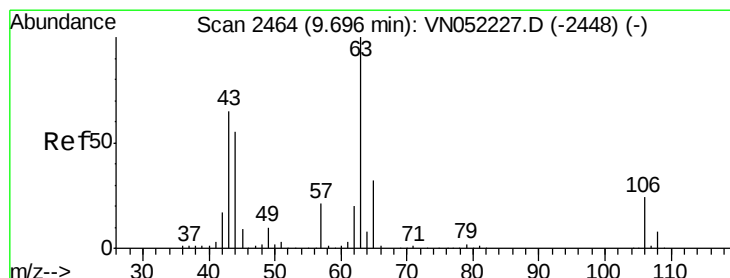
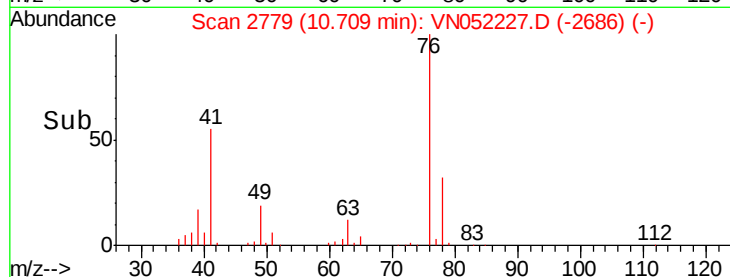
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 259.615 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052227.D

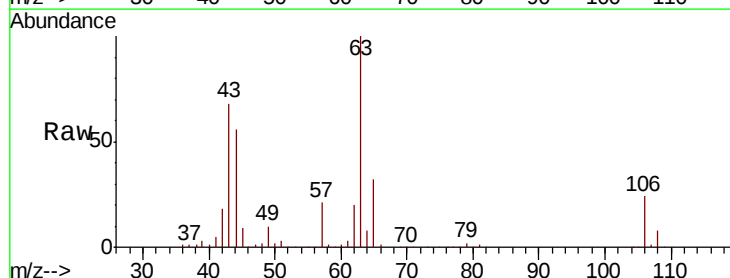
Acq: 9 Nov 2018 14:59

Tgt Ion: 63 Resp: 579222

Ion Ratio Lower Upper

63 100

106 24.4 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

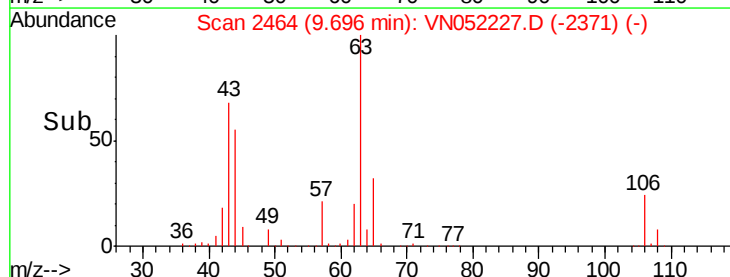
300000

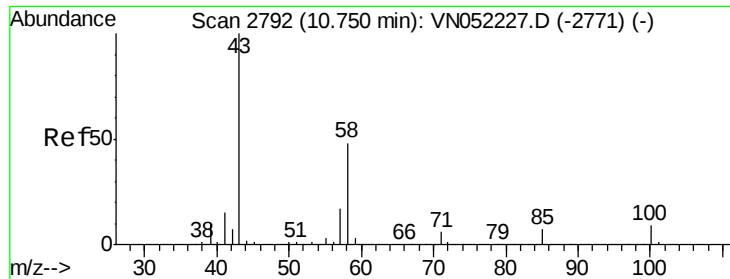
200000

100000

0

Time-->

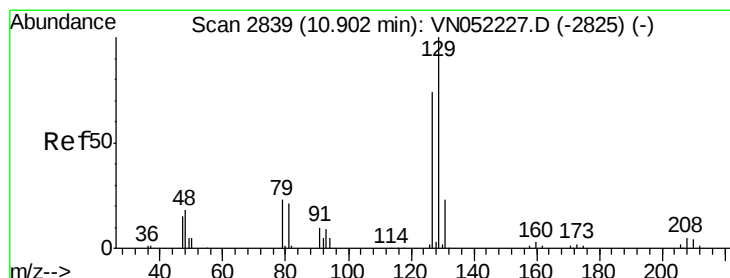
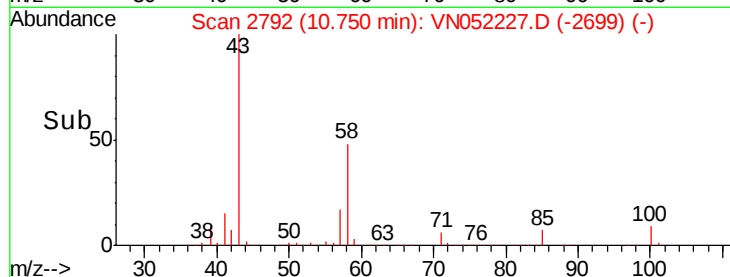
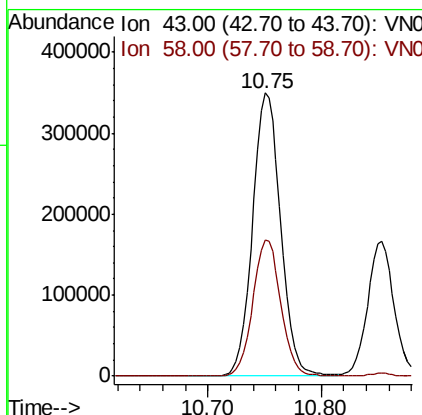
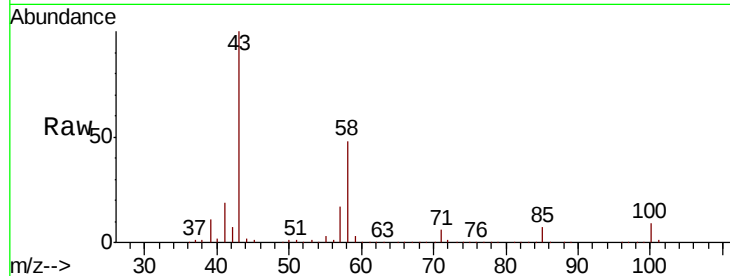




#59
2-Hexanone
Concen: 247.430 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

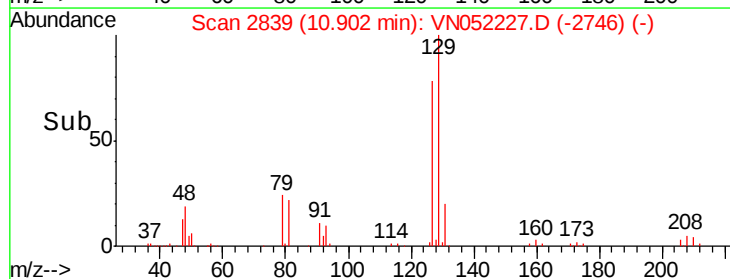
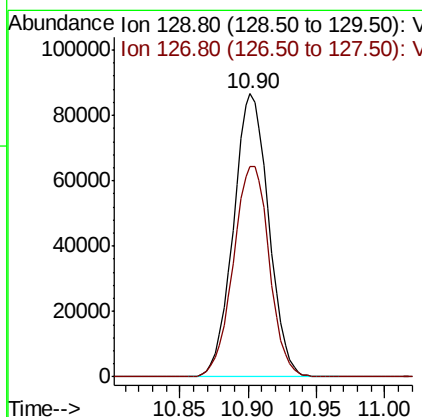
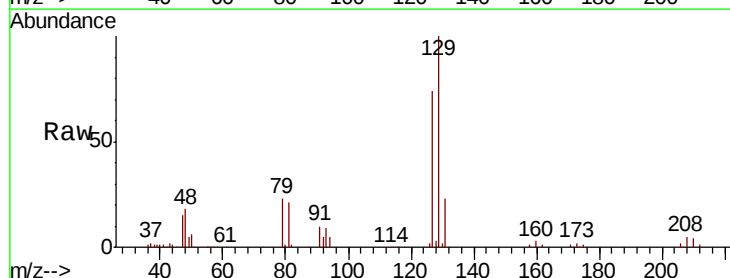
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

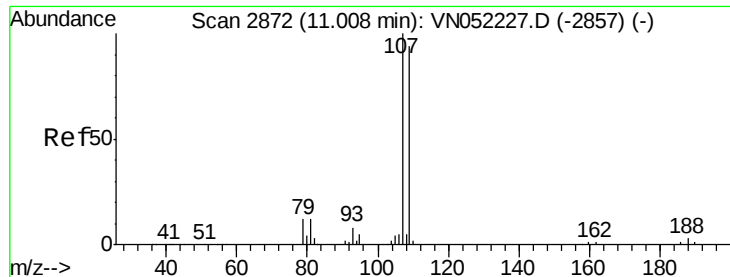
Tgt Ion: 43 Resp: 600588
Ion Ratio Lower Upper
43 100
58 48.2 24.1 72.3



#60
Dibromochloromethane
Concen: 51.244 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 129 Resp: 154965
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.1

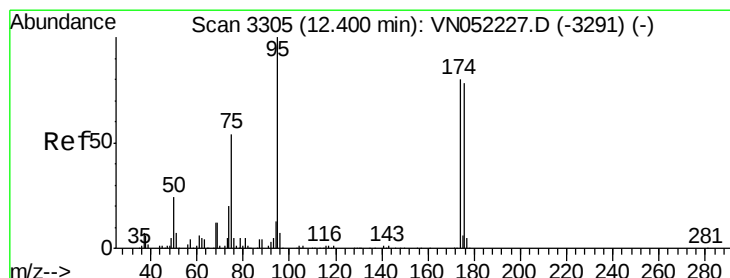
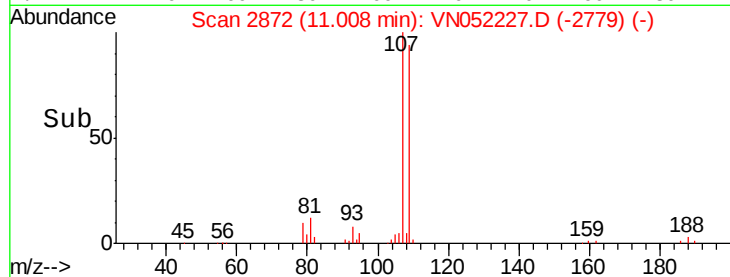
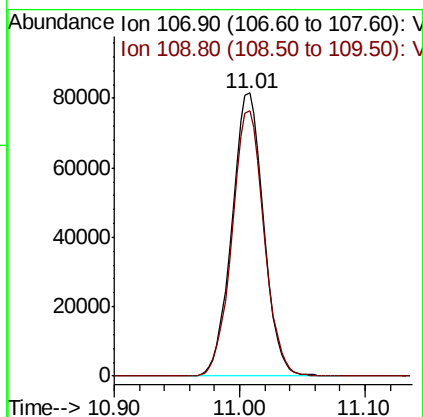
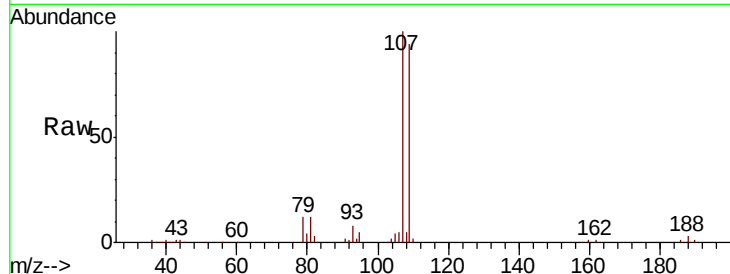




#61
 1,2-Dibromoethane
 Concen: 48.870 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

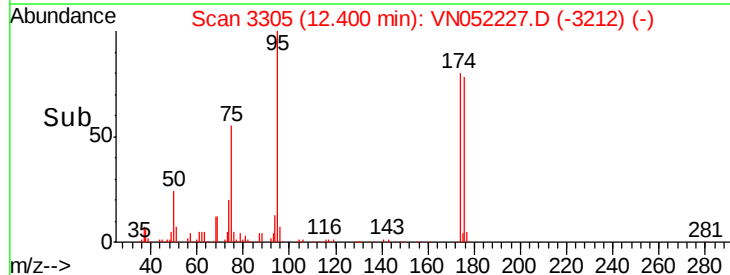
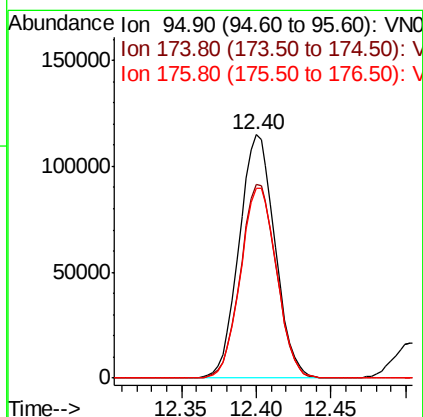
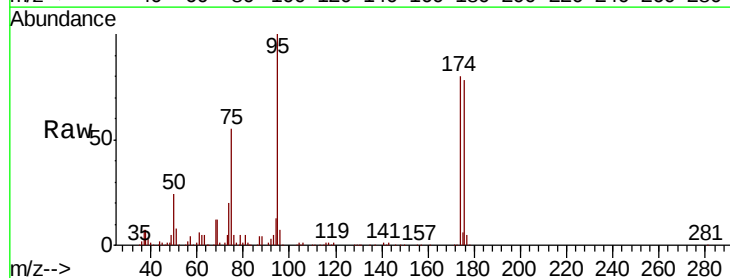
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

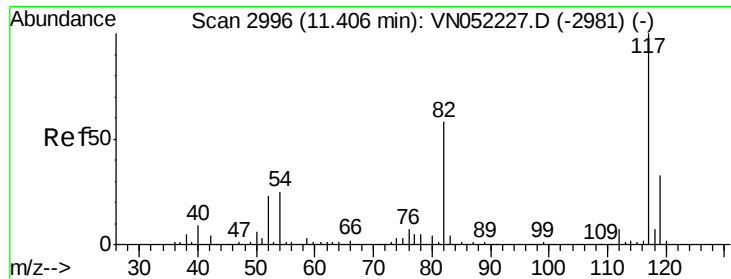
Tgt Ion: 107 Resp: 143190
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 48.870 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 95 Resp: 191770
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 159.4
 176 78.9 0.0 157.8

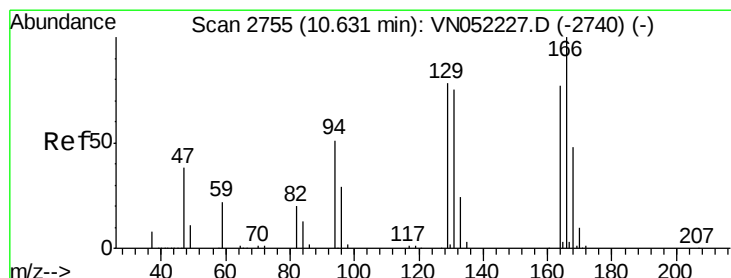
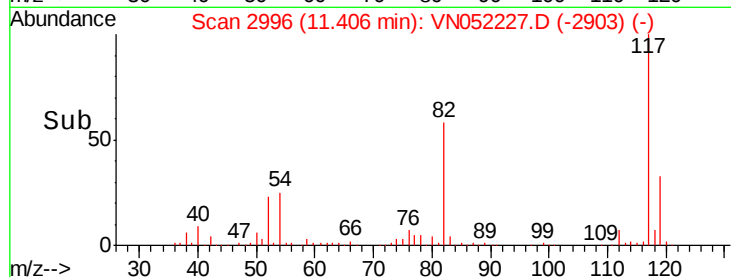
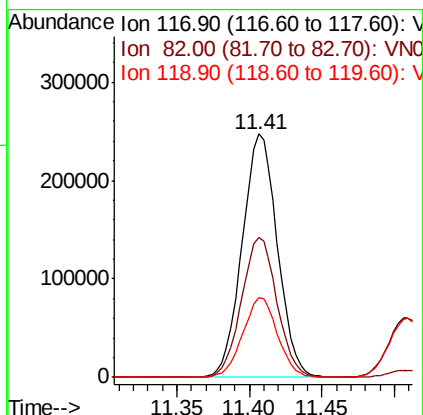
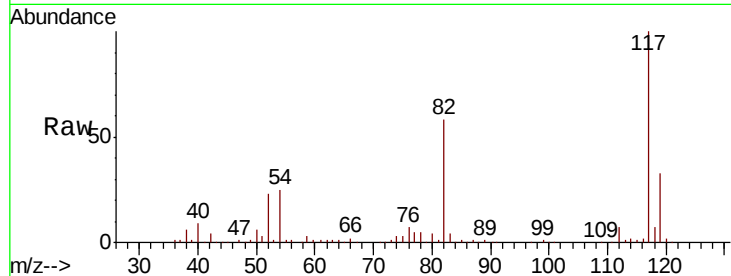




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

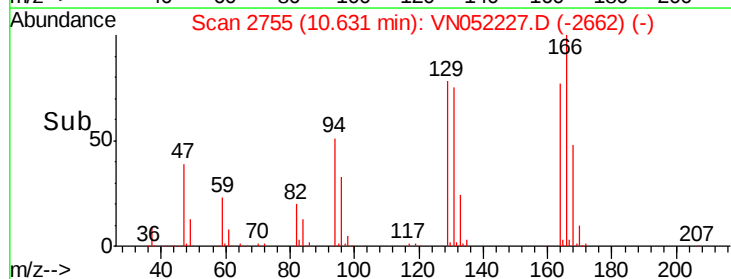
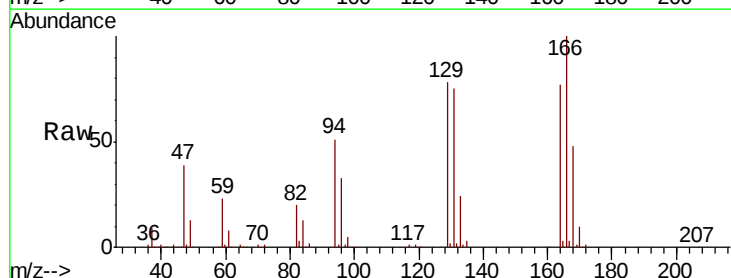
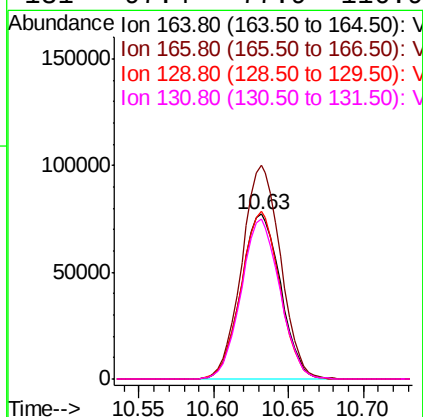
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

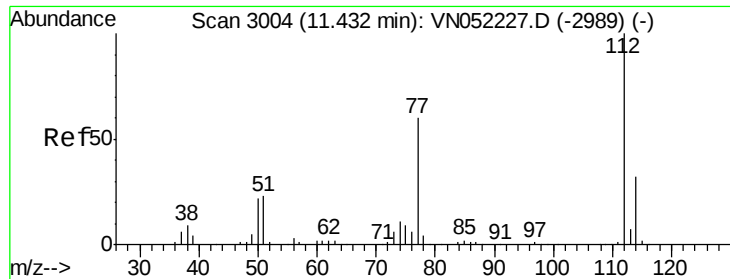
Tgt Ion:117 Resp: 418980
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.2
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 48.510 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion:164 Resp: 142301
Ion Ratio Lower Upper
164 100
166 129.5 103.6 155.4
129 101.3 81.0 121.6
131 97.4 77.9 116.9

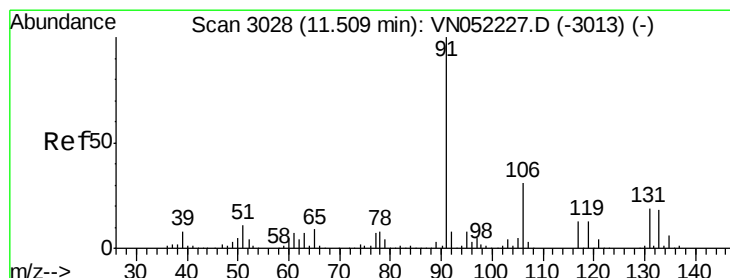
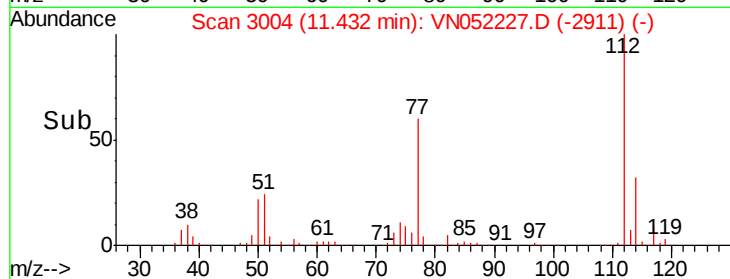
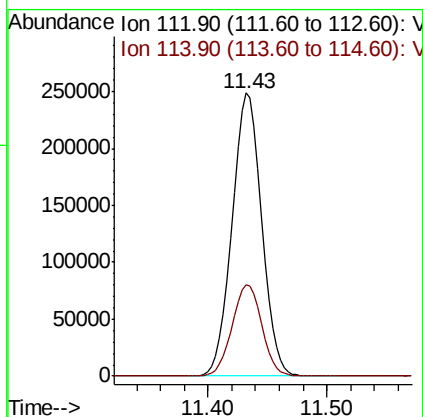
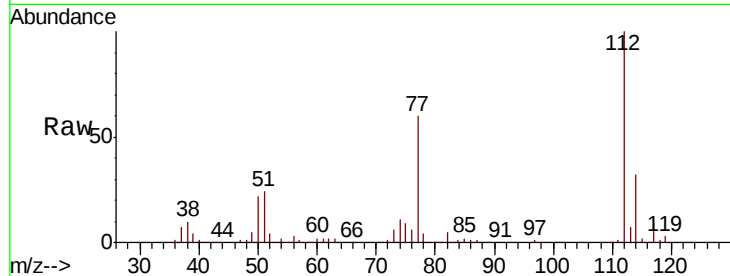




#65
Chlorobenzene
Concen: 48.163 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

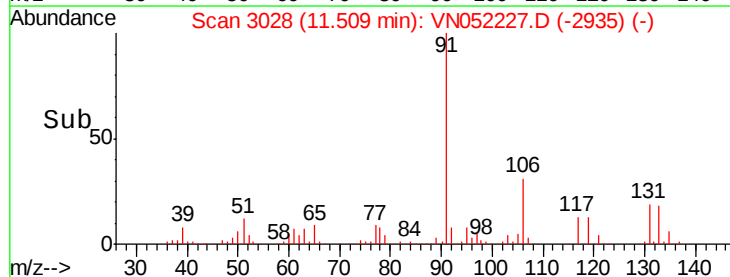
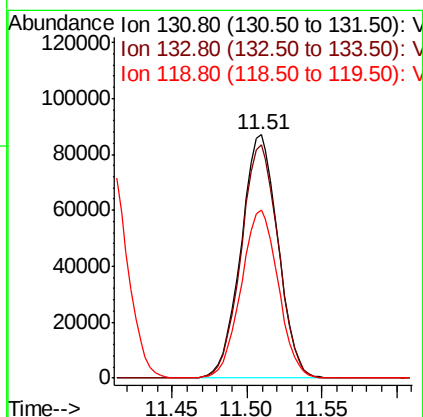
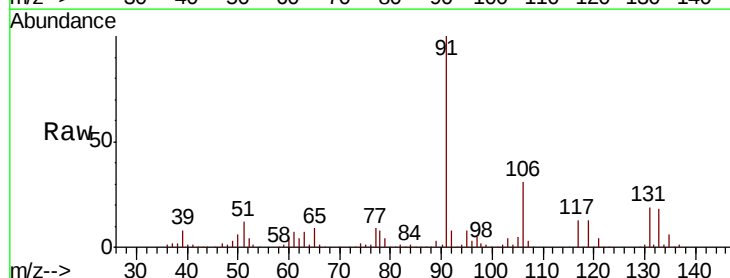
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

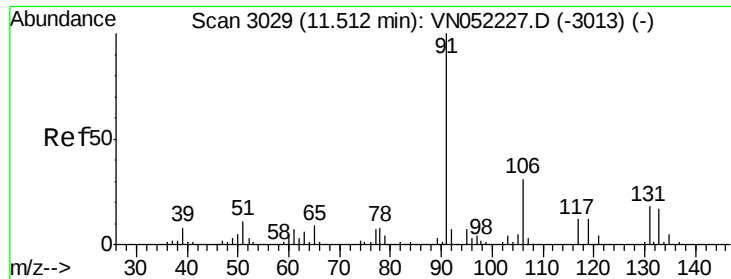
Tgt Ion:112 Resp: 427584
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.847 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion:131 Resp: 149902
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 69.3 34.6 103.9

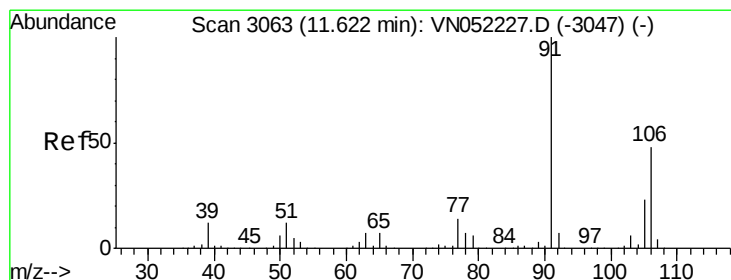
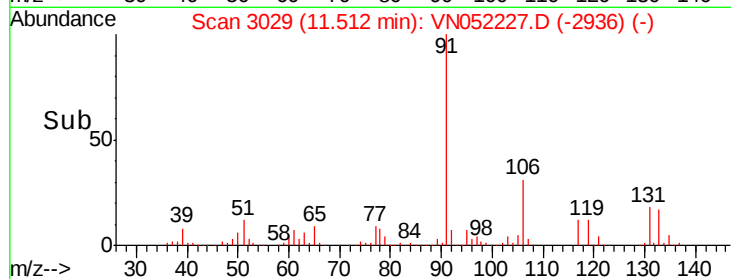
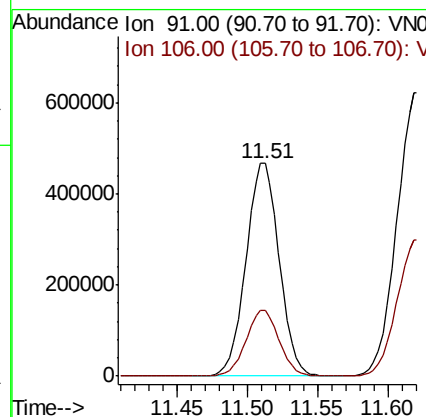
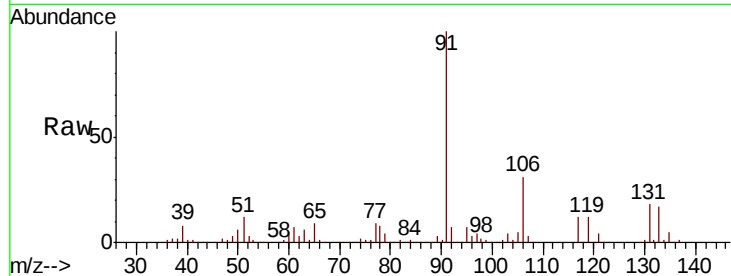




#67
Ethyl Benzene
Concen: 49.299 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

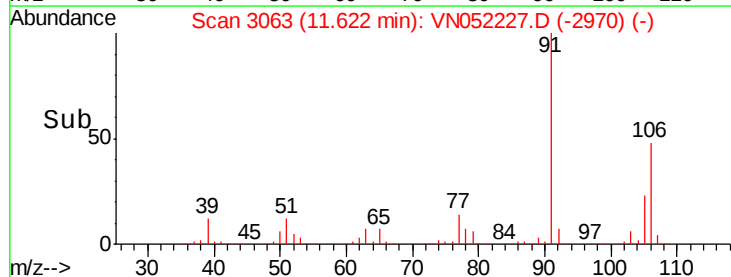
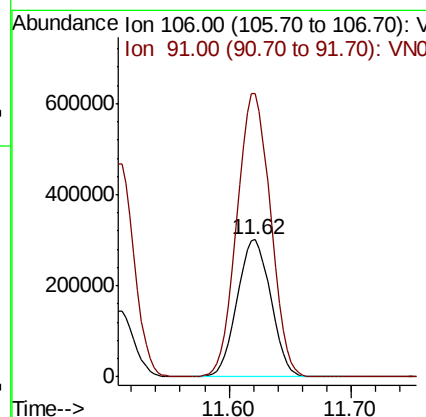
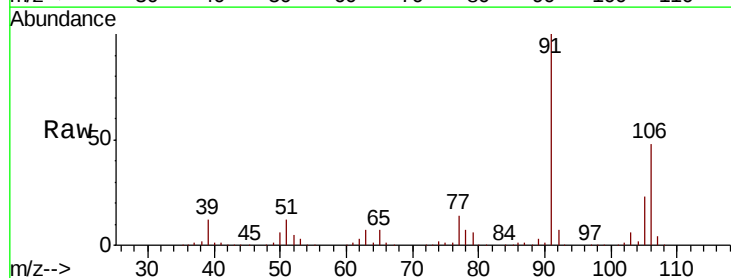
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

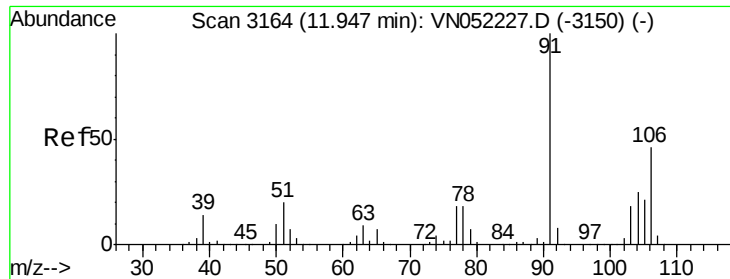
Tgt Ion: 91 Resp: 769828
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 98.713 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 106 Resp: 574058
Ion Ratio Lower Upper
106 100
91 207.1 165.7 248.5

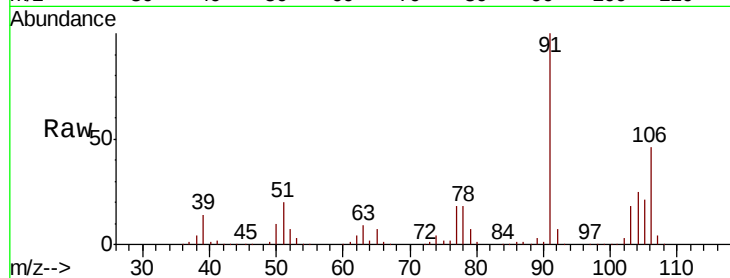




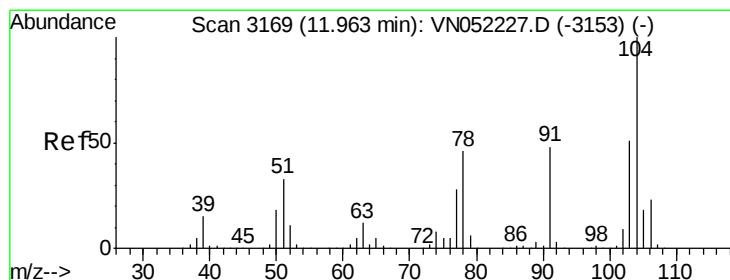
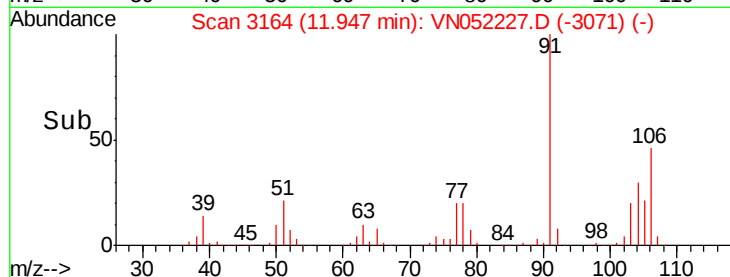
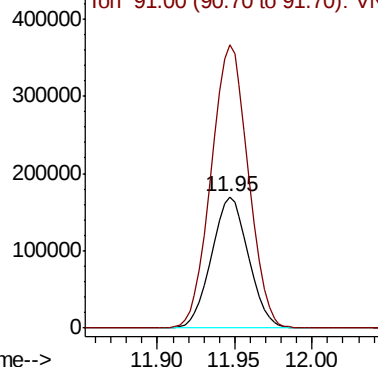
#69
o-Xylene
Concen: 50.684 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 281599
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.5

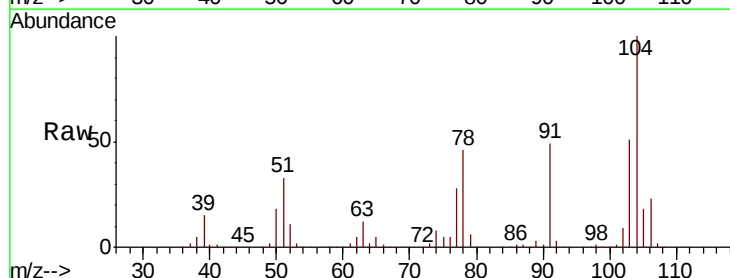


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

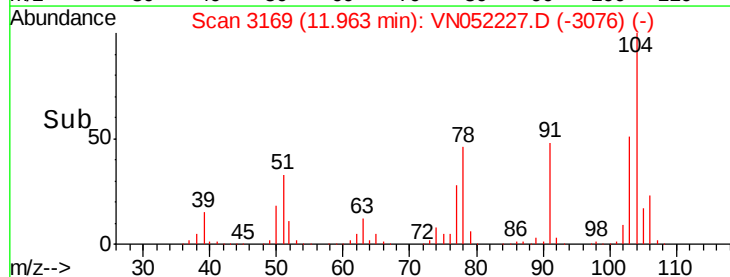
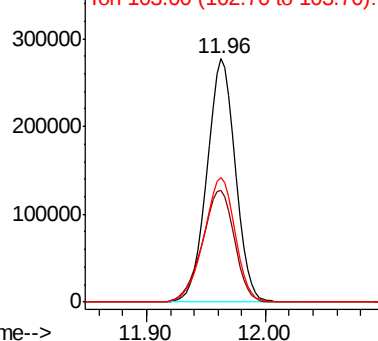


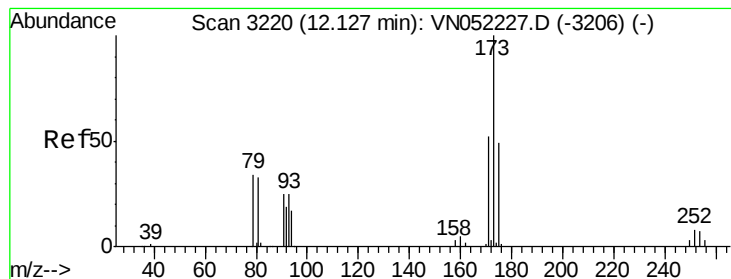
#70
Styrene
Concen: 51.072 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion:104 Resp: 458442
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 56.1 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.392 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

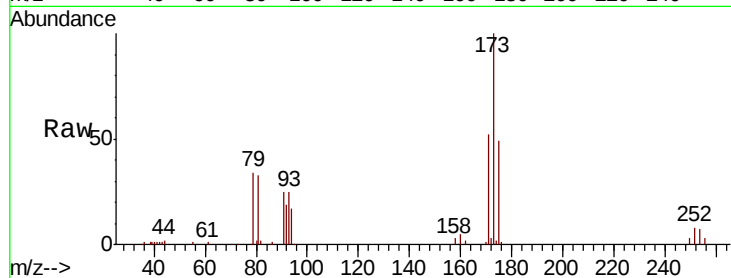
Tgt Ion:173 Resp: 93993

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

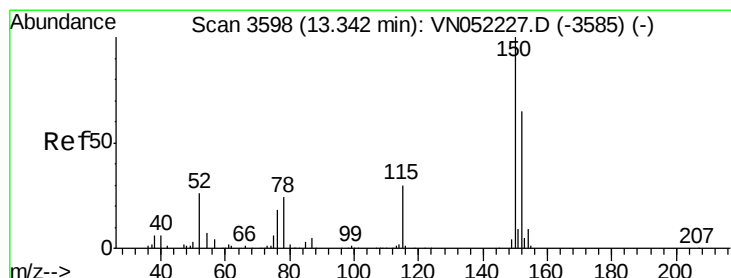
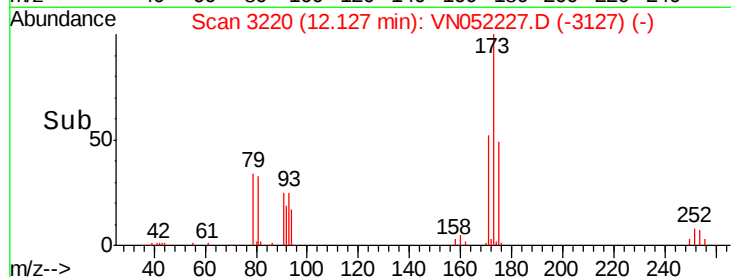
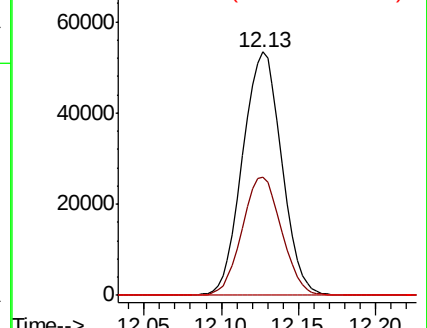
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

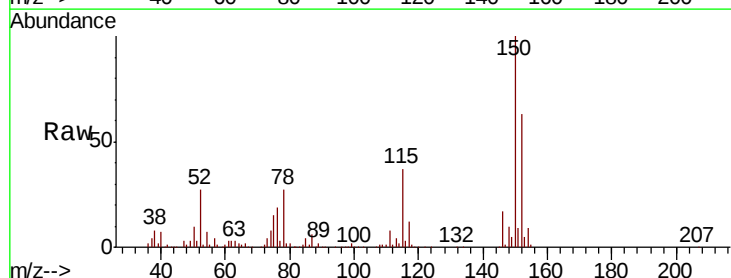
Tgt Ion:152 Resp: 192833

Ion Ratio Lower Upper

152 100

115 59.7 29.8 89.5

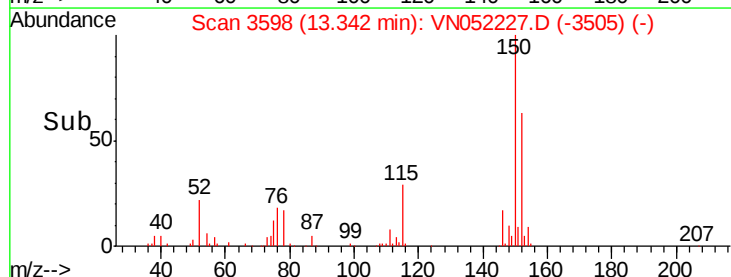
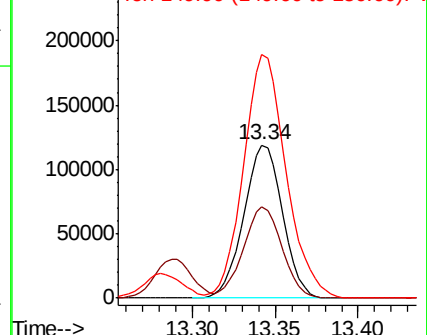
150 175.1 0.0 350.2

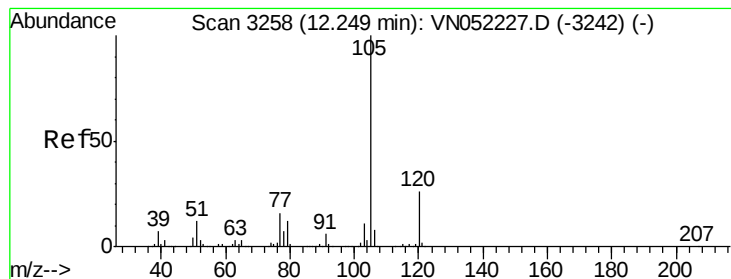


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.616 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

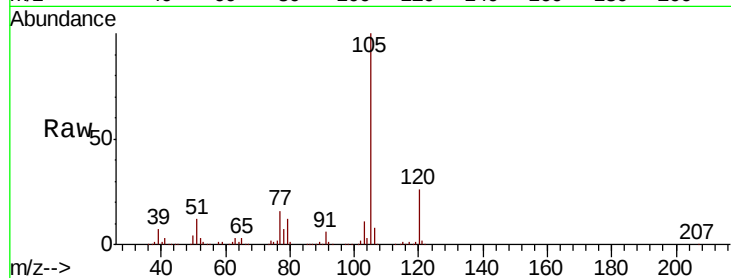
VSTDICCC050

Tgt Ion:105 Resp: 750588

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

500000

400000

300000

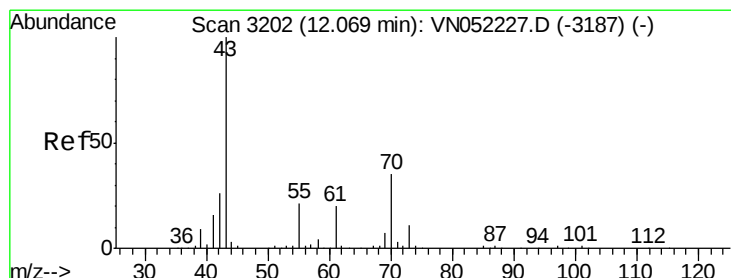
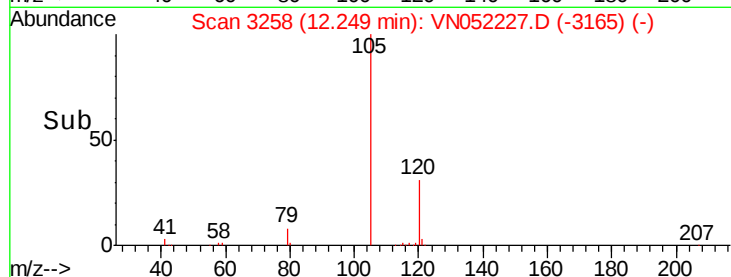
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 50.188 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Tgt Ion: 43 Resp: 287215

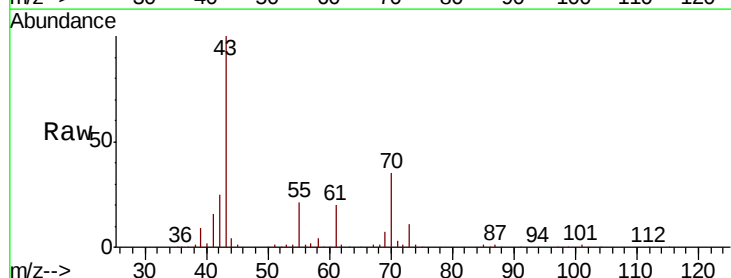
Ion Ratio Lower Upper

43 100

70 35.2 28.2 42.2

55 21.8 17.4 26.2

61 20.4 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

250000

200000

150000

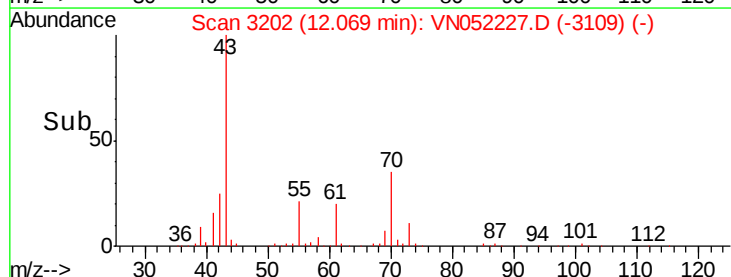
100000

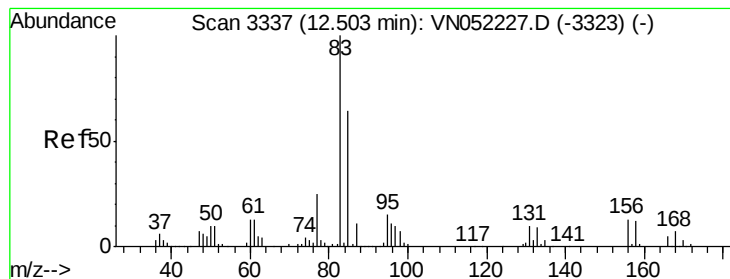
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 46.411 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

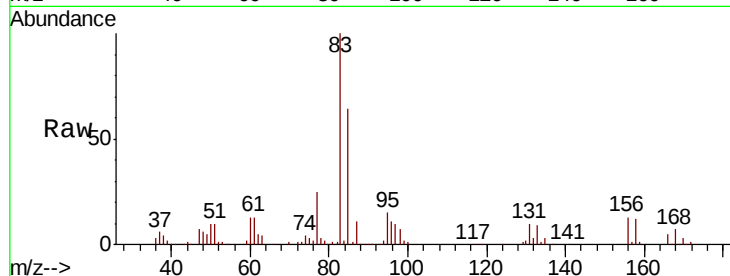
Tgt Ion: 83 Resp: 179352

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

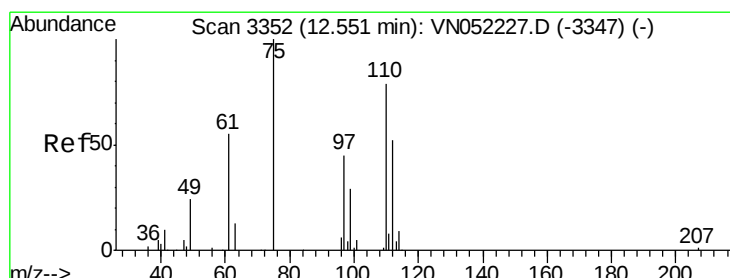
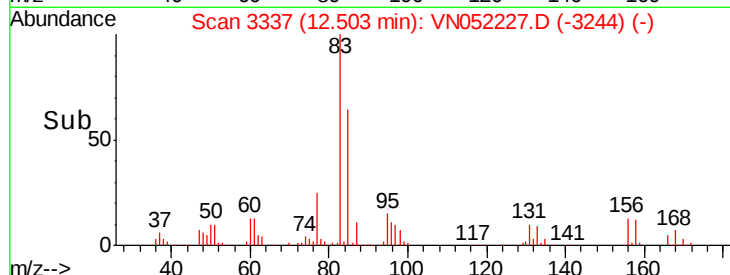
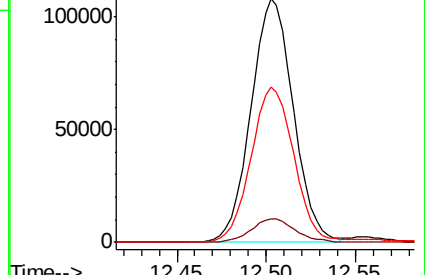
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN052227.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN052227.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN052227.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 75.721 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN052227.D

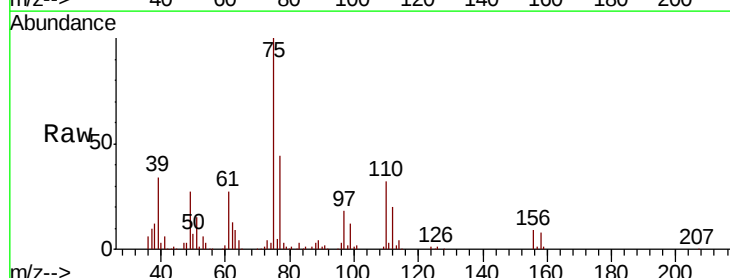
Acq: 9 Nov 2018 14:59

Tgt Ion: 75 Resp: 234251

Ion Ratio Lower Upper

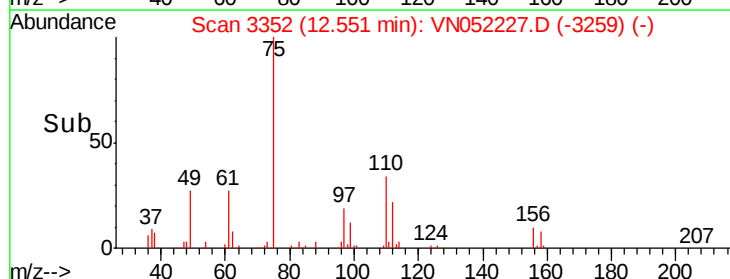
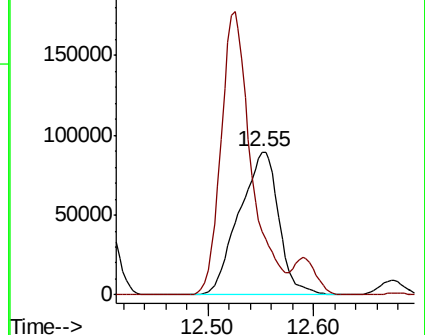
75 100

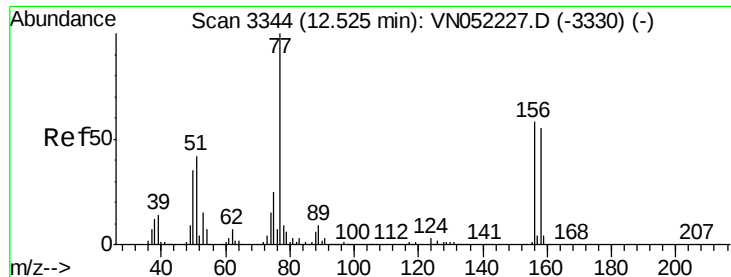
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN052227.D (-3347) (-)





#77

Bromobenzene

Concen: 47.187 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

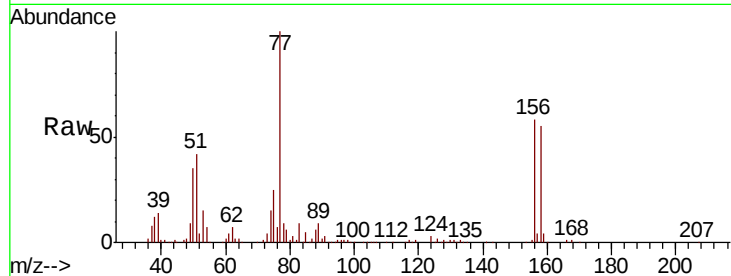
Tgt Ion:156 Resp: 174114

Ion Ratio Lower Upper

156 100

77 202.2 101.1 303.3

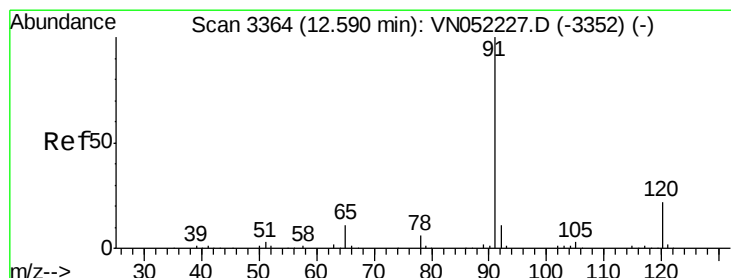
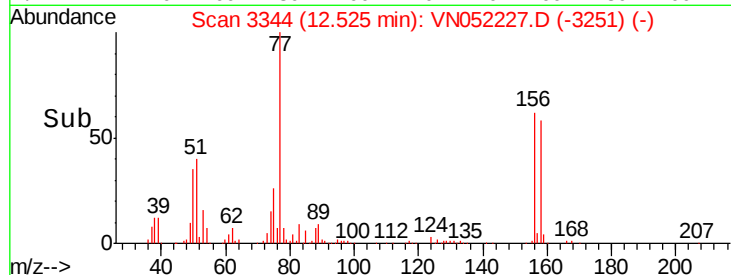
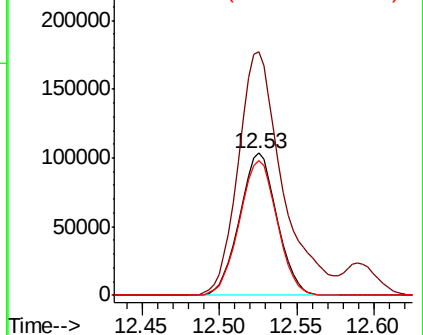
158 95.5 47.8 143.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.033 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052227.D

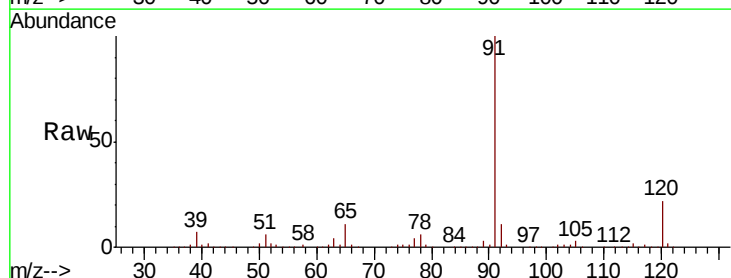
Acq: 9 Nov 2018 14:59

Tgt Ion: 91 Resp: 886792

Ion Ratio Lower Upper

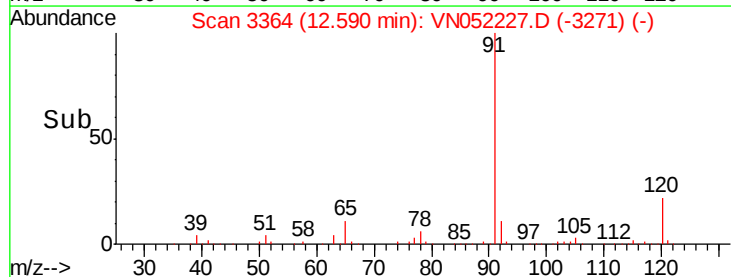
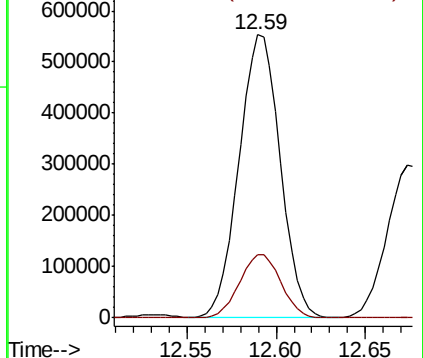
91 100

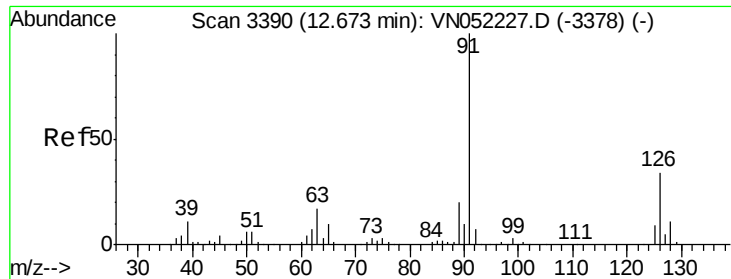
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.257 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

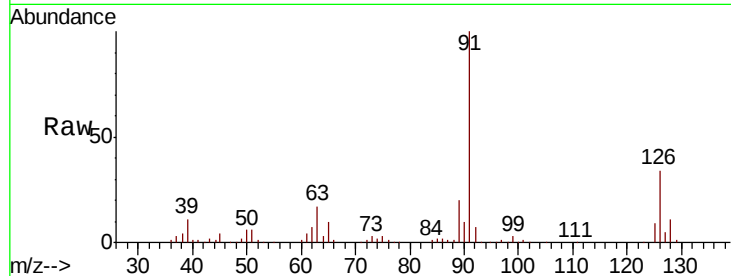
VSTDICCC050

Tgt Ion: 91 Resp: 505440

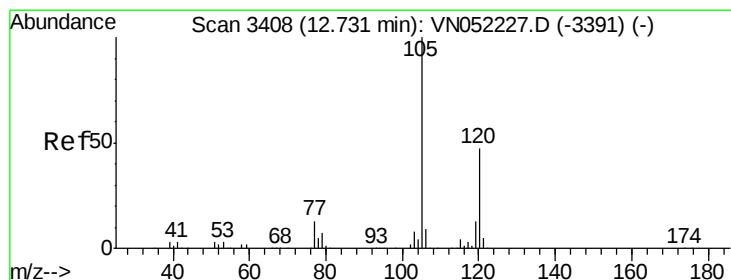
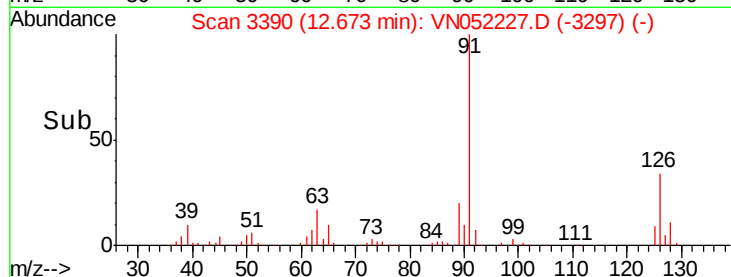
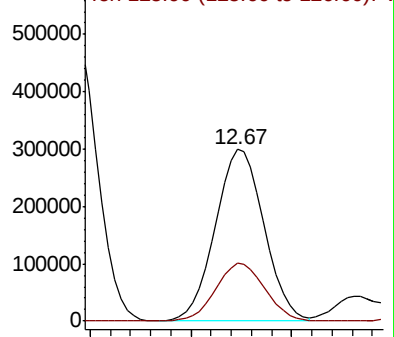
Ion Ratio Lower Upper

91 100

126 34.0 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.306 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052227.D

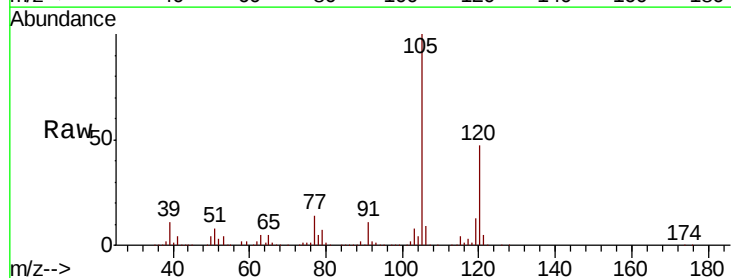
Acq: 9 Nov 2018 14:59

Tgt Ion: 105 Resp: 605576

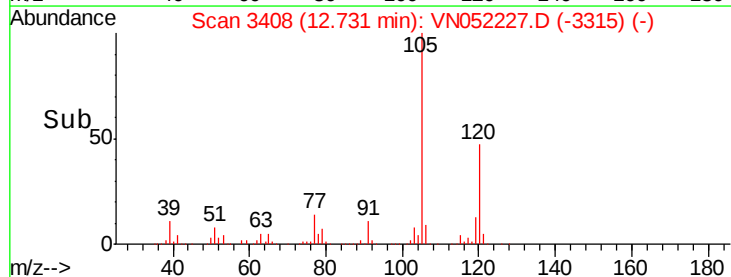
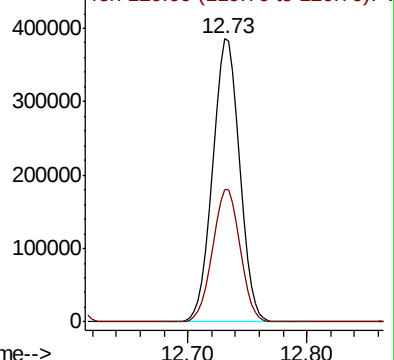
Ion Ratio Lower Upper

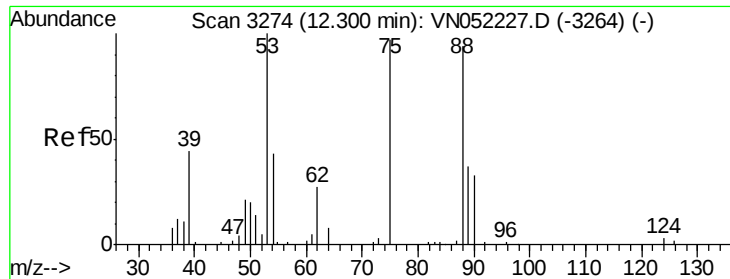
105 100

120 47.9 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VN052227.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.585 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

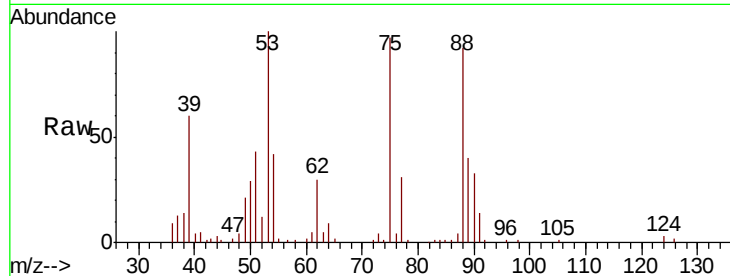
Tgt Ion: 75 Resp: 52558

Ion Ratio Lower Upper

75 100

53 105.0 84.0 126.0

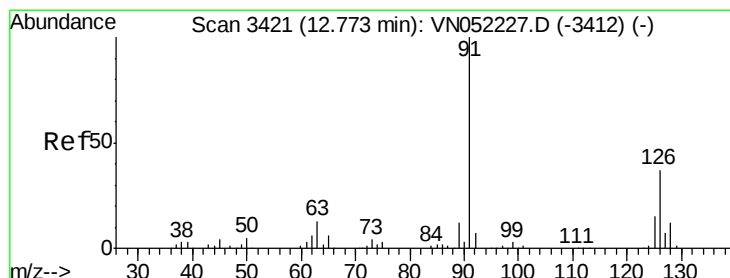
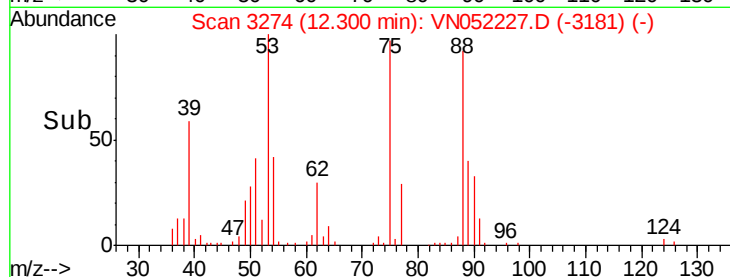
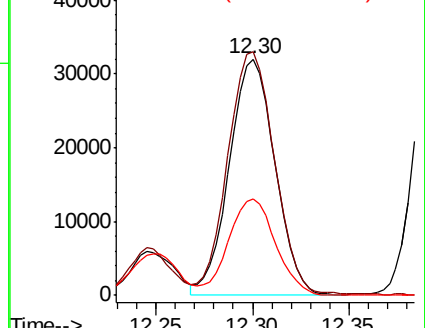
89 42.1 33.7 50.5



Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052227.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052227.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 47.794 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052227.D

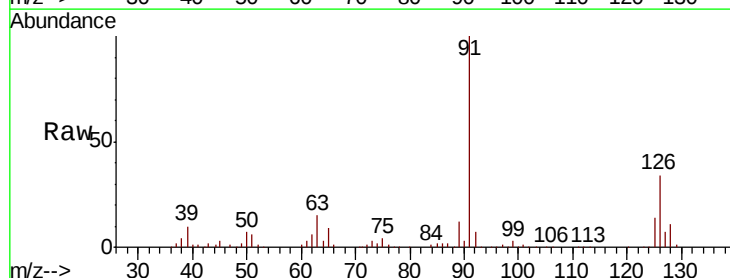
Acq: 9 Nov 2018 14:59

Tgt Ion: 91 Resp: 512912

Ion Ratio Lower Upper

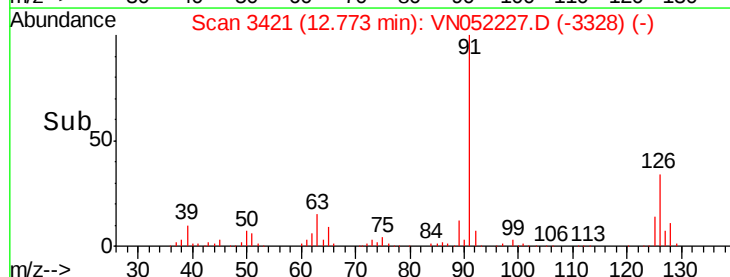
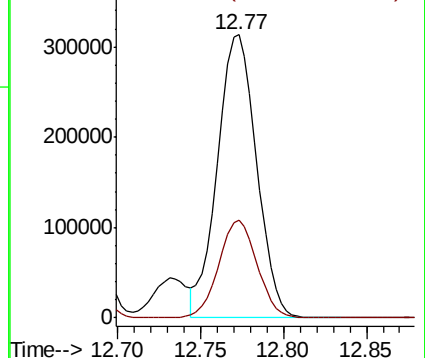
91 100

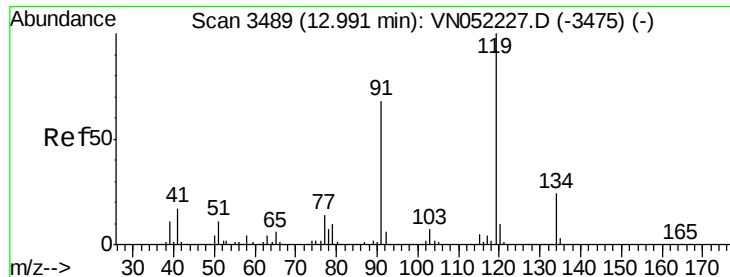
126 33.8 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN052227.D (-3412) (-)

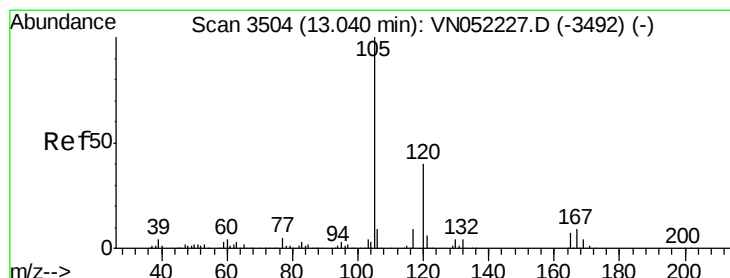
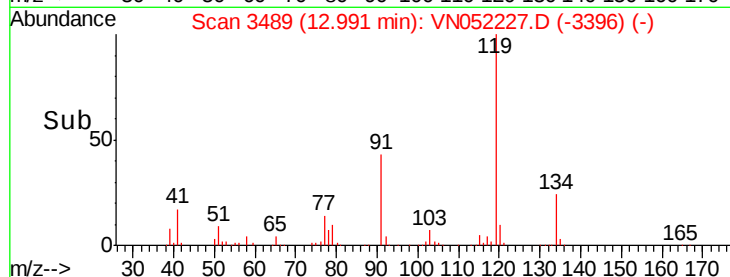
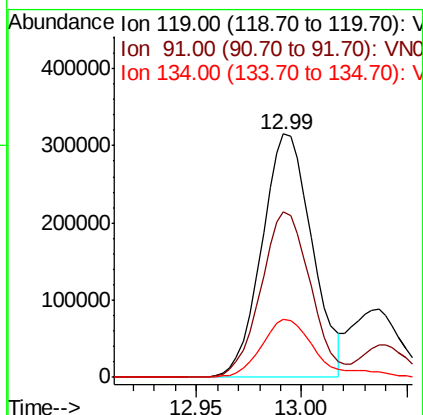
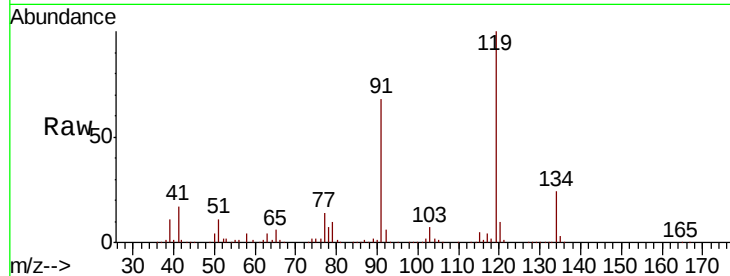




#83
 tert-Butylbenzene
 Concen: 47.703 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

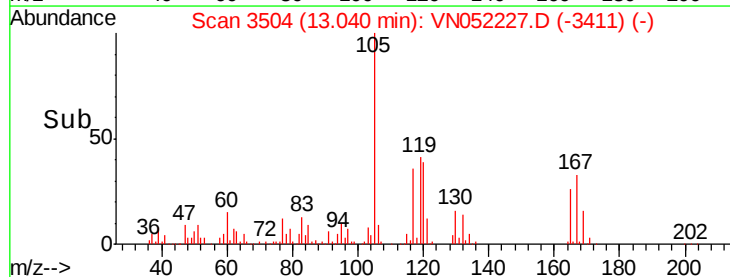
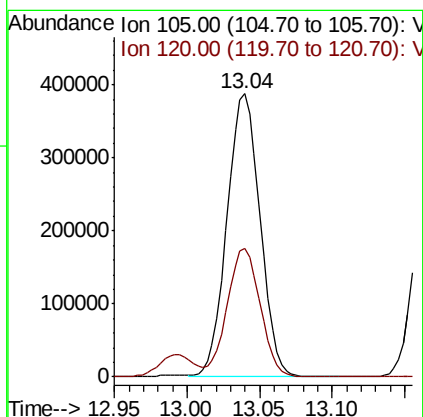
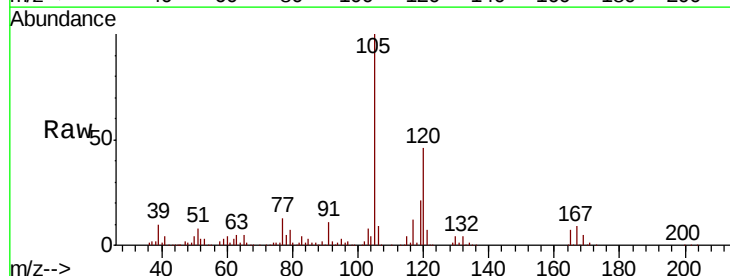
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

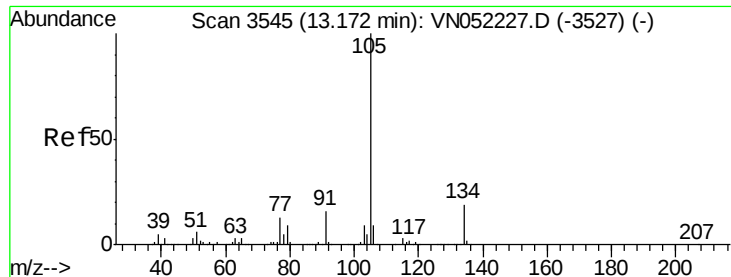
Tgt Ion:119 Resp: 522096
 Ion Ratio Lower Upper
 119 100
 91 66.9 33.5 100.4
 134 25.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.564 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion:105 Resp: 613841
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

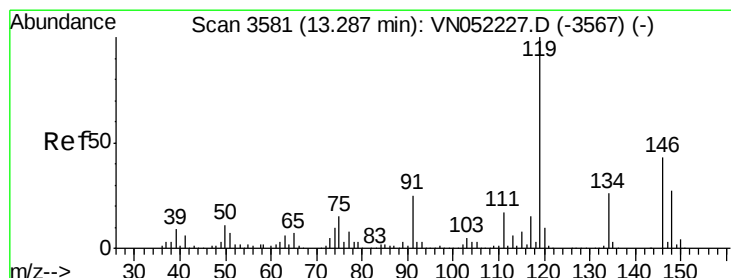
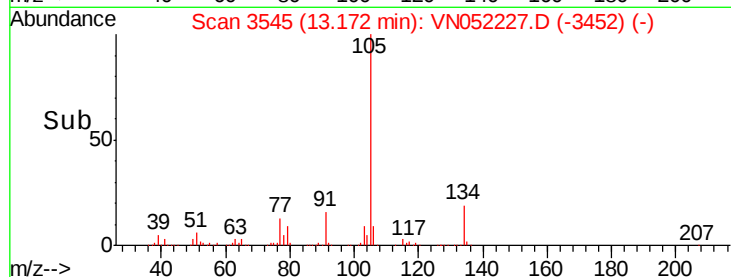
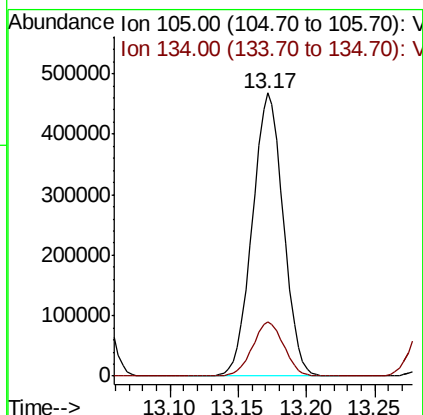
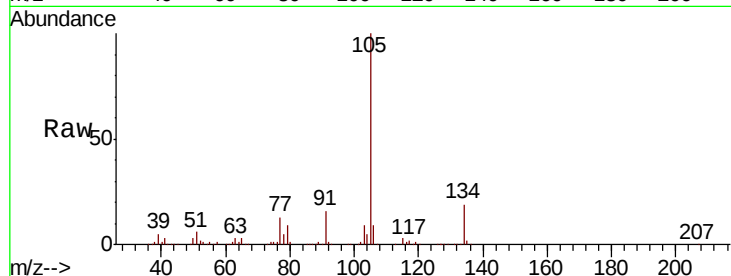




#85
 sec-Butylbenzene
 Concen: 49.061 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

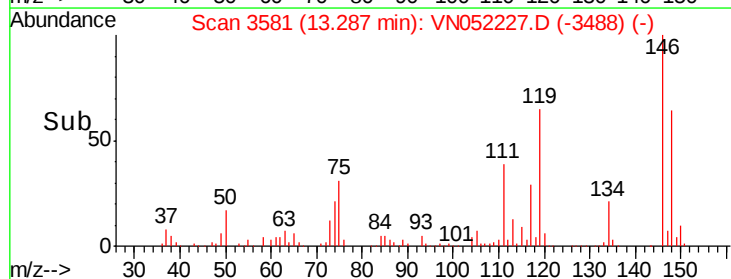
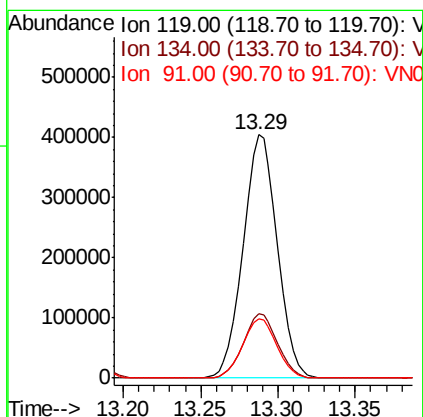
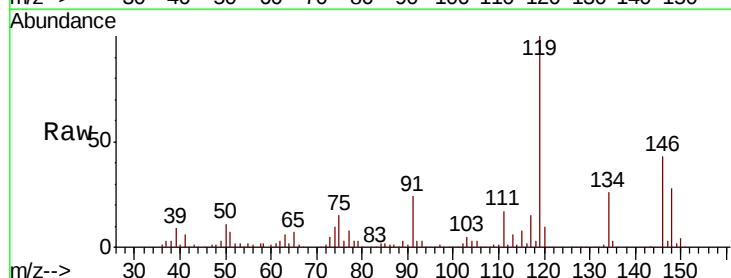
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

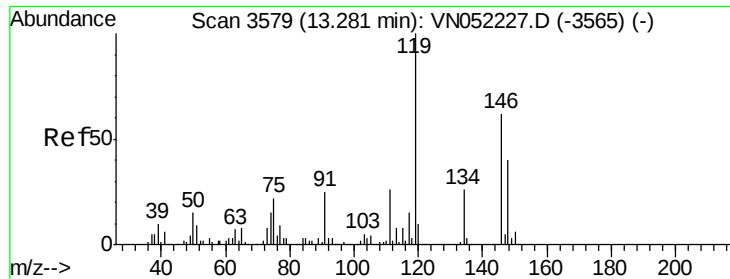
Tgt Ion:105 Resp: 736361
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 49.323 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion:119 Resp: 619313
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 24.7 12.4 37.0

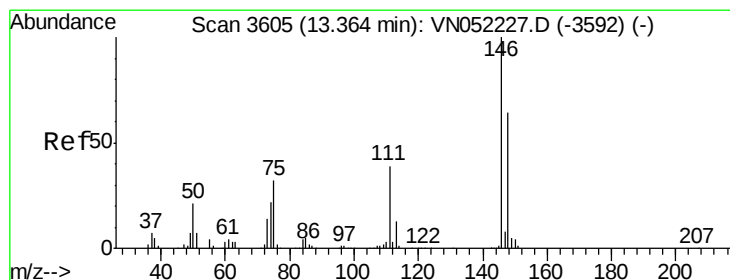
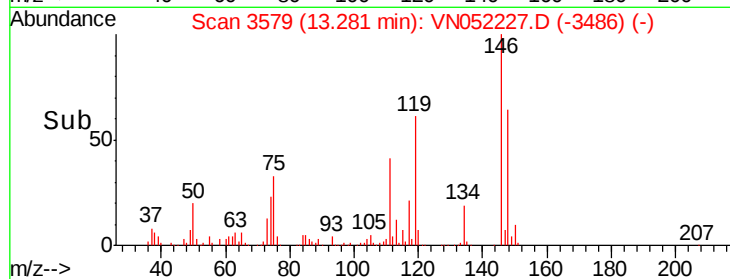
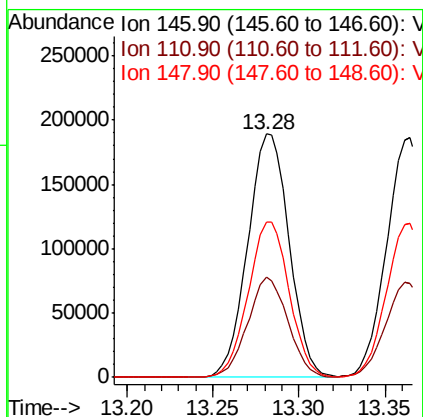
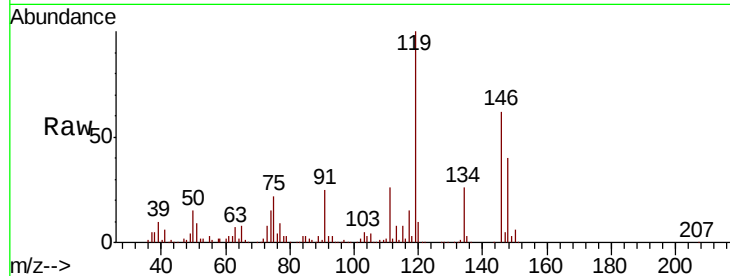




#87
 1,3-Dichlorobenzene
 Concen: 49.126 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

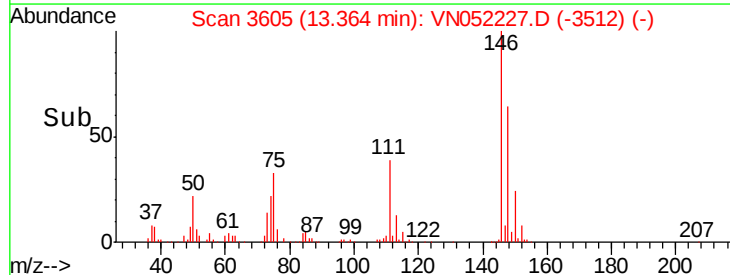
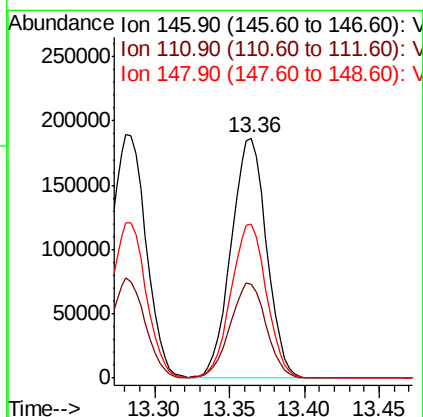
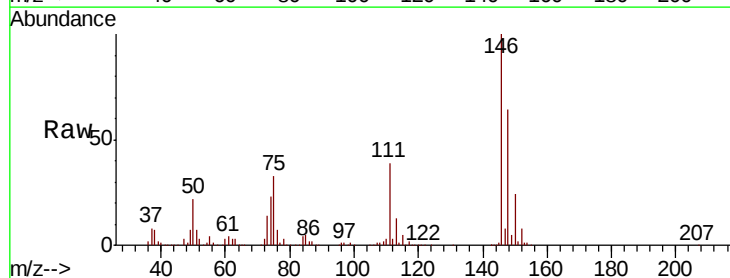
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

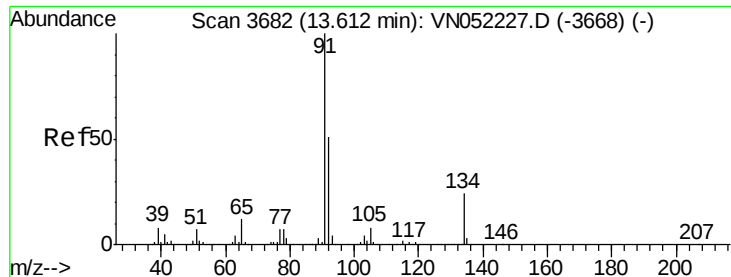
Tgt Ion:146 Resp: 315553
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.3
 148 63.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 47.900 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion:146 Resp: 308025
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.6
 148 64.2 32.1 96.3

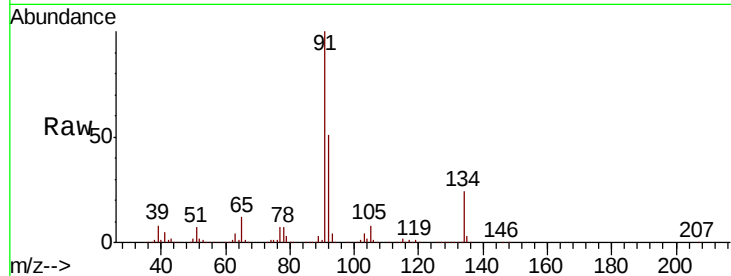




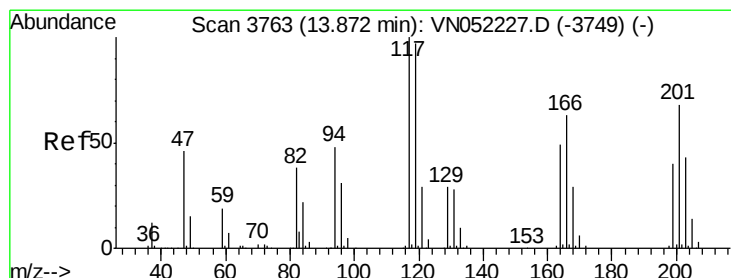
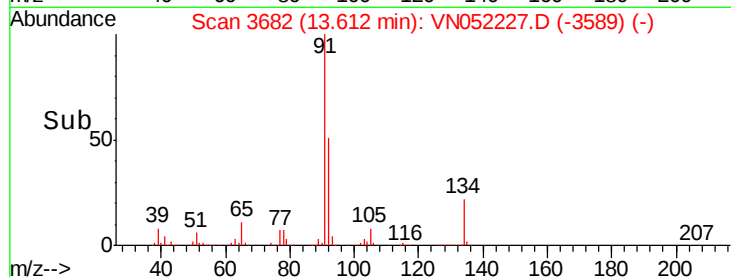
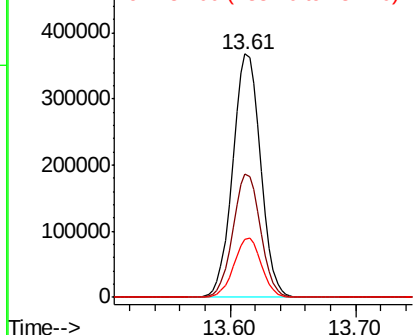
#89
n-Butylbenzene
Concen: 50.517 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 564814
Ion Ratio Lower Upper
91 100
92 50.2 25.1 75.3
134 24.1 12.0 36.1

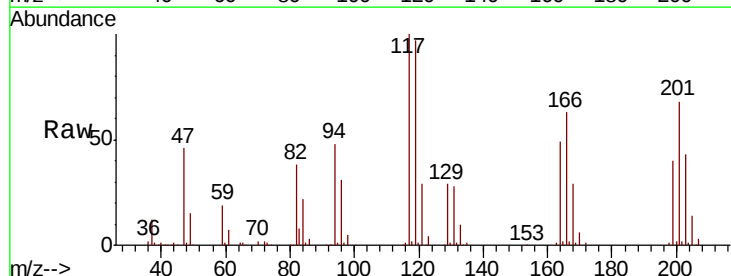


Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3668) (-)
Ion 92.00 (91.70 to 92.70): VN052227.D (-3668) (-)
Ion 134.00 (133.70 to 134.70): VN052227.D (-3668) (-)

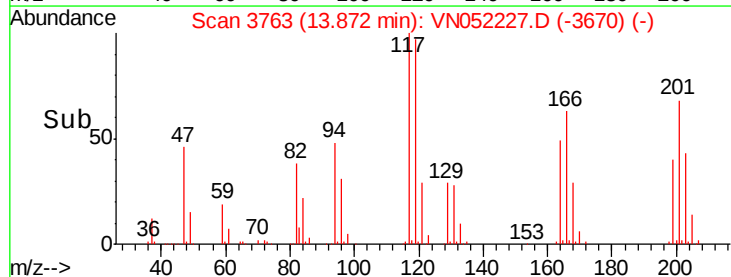
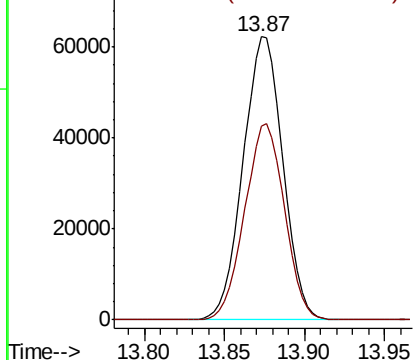


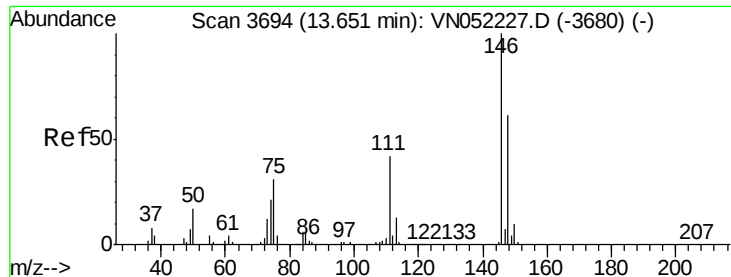
#90
Hexachloroethane
Concen: 48.077 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 117 Resp: 105957
Ion Ratio Lower Upper
117 100
201 69.3 34.6 103.9



Abundance Ion 116.80 (116.50 to 117.50): VN052227.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN052227.D (-3749) (-)

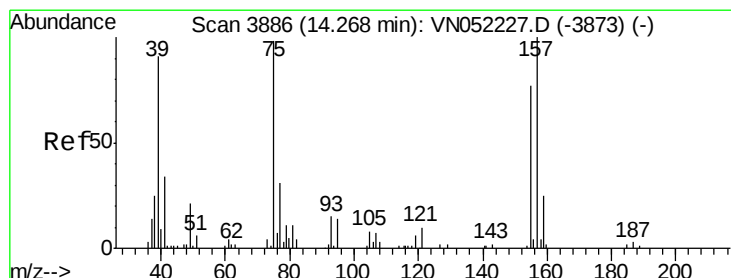
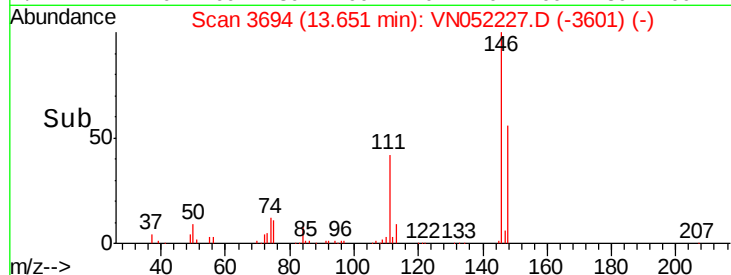
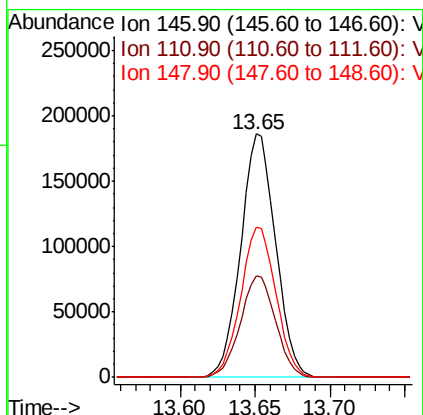
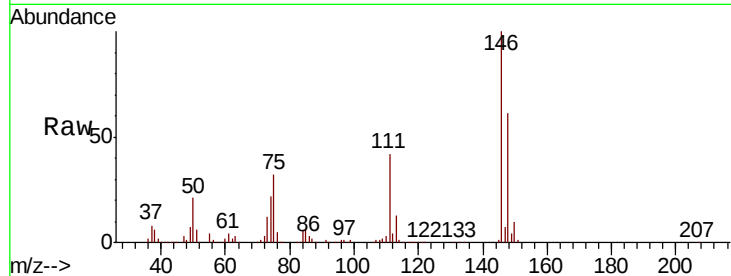




#91
 1,2-Dichlorobenzene
 Concen: 48.100 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

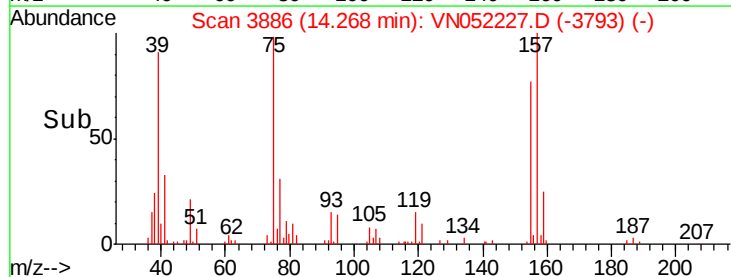
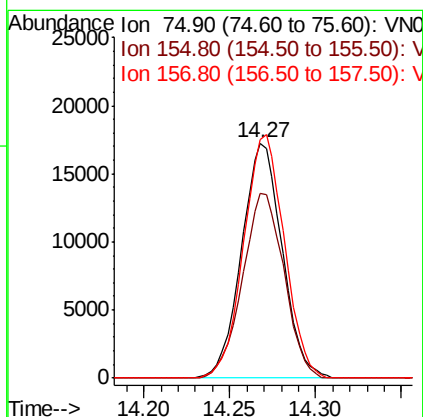
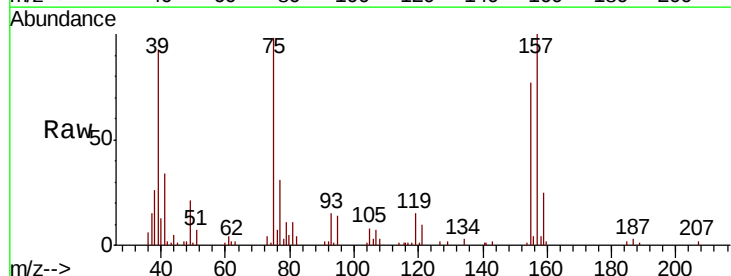
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

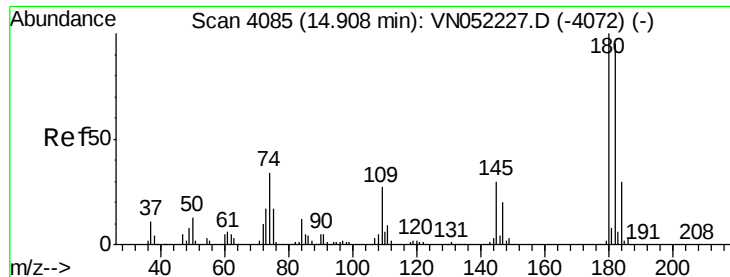
Tgt Ion: 146 Resp: 301527
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 62.5 31.3 93.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.469 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 75 Resp: 28277
 Ion Ratio Lower Upper
 75 100
 155 80.3 40.2 120.5
 157 103.5 51.7 155.2

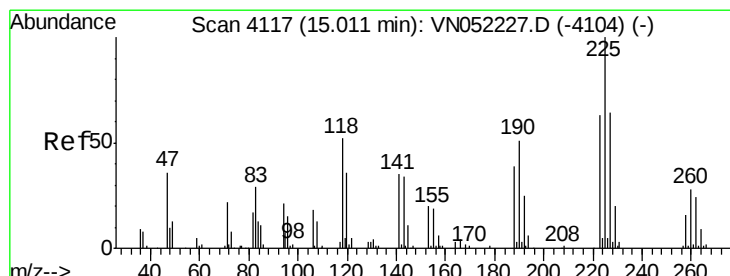
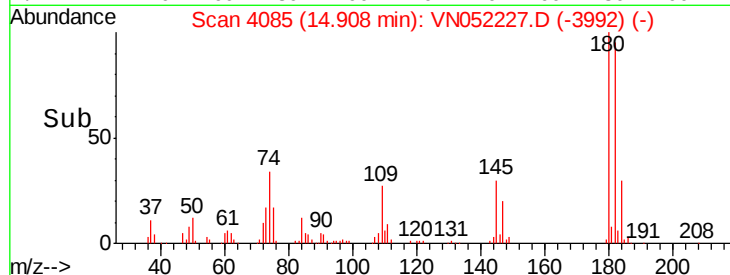
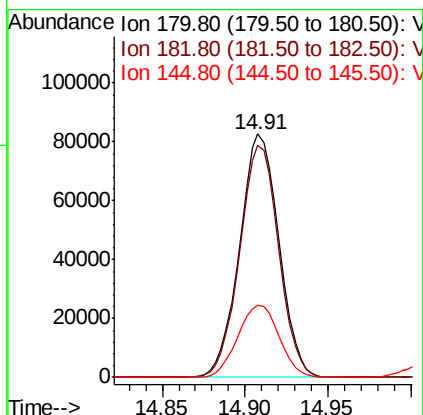
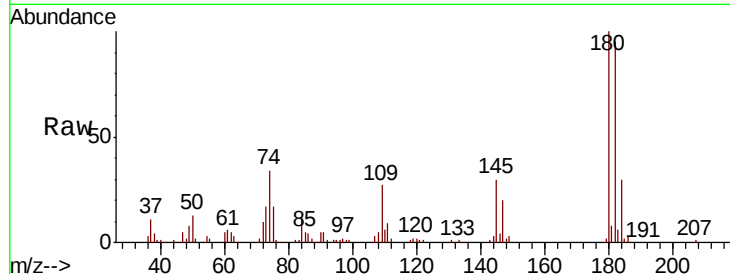




#93
 1,2,4-Trichlorobenzene
 Concen: 54.924 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

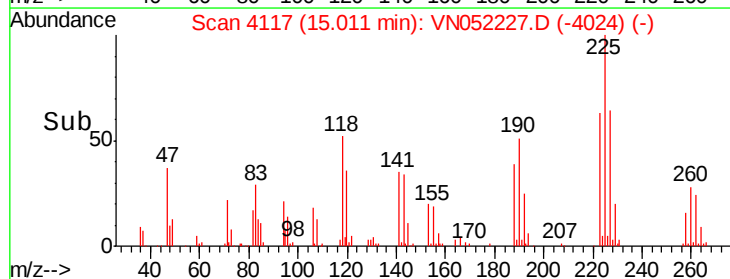
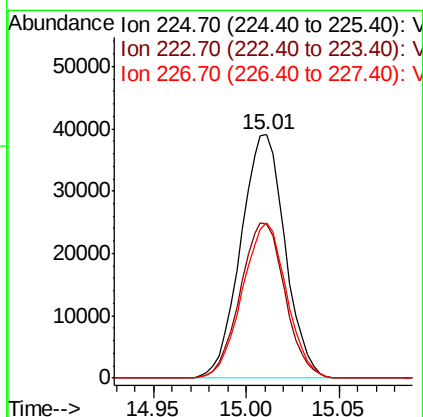
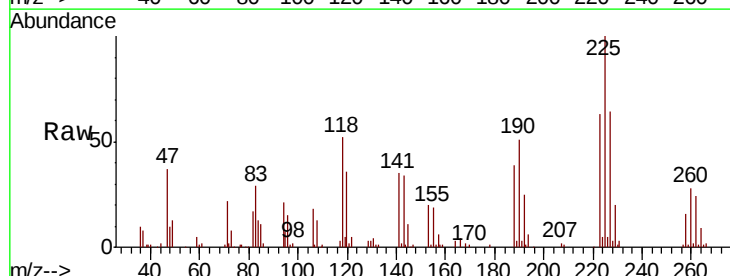
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

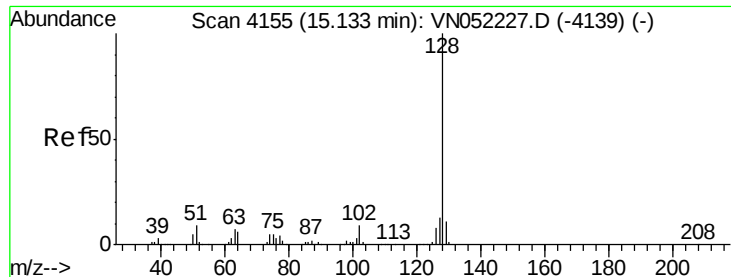
Tgt Ion:180 Resp: 136147
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 31.2 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 48.285 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion:225 Resp: 65039
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.1 96.3
 227 63.6 31.8 95.4

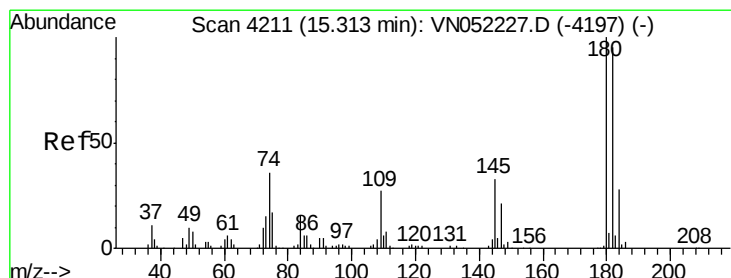
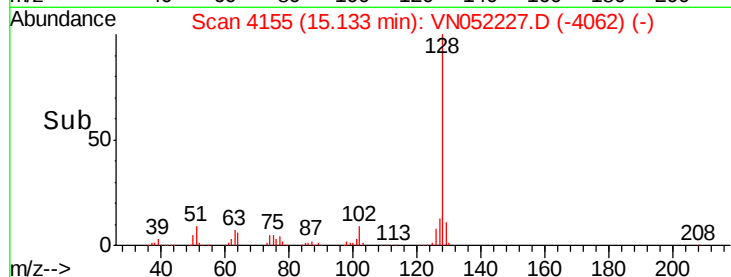
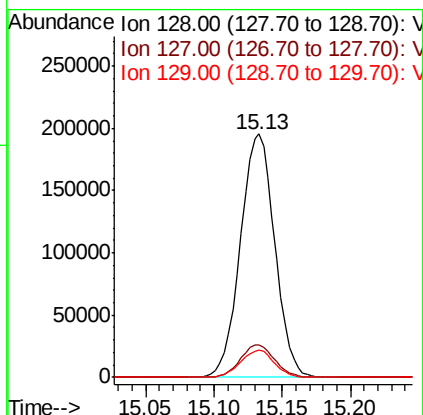
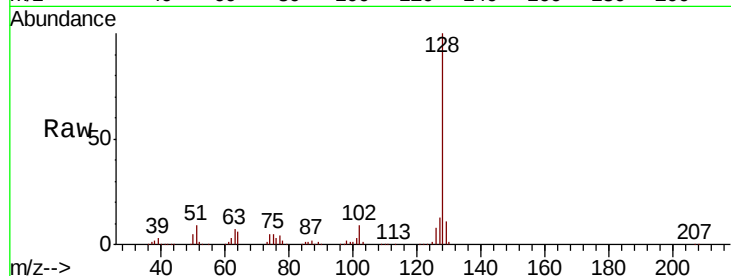




#95
Naphthalene
Concen: 55.829 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 341080
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.330 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion:180 Resp: 122642
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 33.5 16.8 50.3

