

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111518\
 Data File : VN052330.D
 Acq On : 15 Nov 2018 8:19
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 02:48:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	281745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	463134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	418817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193545	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	187620	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
35) Dibromofluoromethane	7.59	113	147887	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
50) Toluene-d8	10.09	98	579952	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.40	95	197603	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	154425	51.724	ug/l	99
3) Chloromethane	2.06	50	207235	49.948	ug/l	100
4) Vinyl Chloride	2.19	62	178065	49.649	ug/l	98
5) Bromomethane	2.57	94	110753	49.535	ug/l	100
6) Chloroethane	2.71	64	100379	49.502	ug/l	98
7) Trichlorofluoromethane	3.02	101	249782	50.330	ug/l	99
8) Diethyl Ether	3.41	74	87531	46.276	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	158799	50.667	ug/l	100
10) Methyl Iodide	3.96	142	202769	48.185	ug/l	100
11) Tert butyl alcohol	4.77	59	49819	237.064	ug/l	97
12) 1,1-Dichloroethene	3.74	96	141538	48.801	ug/l	94
13) Acrolein	3.61	56	63858	205.690	ug/l	99
14) Allyl chloride	4.33	41	302210	50.746	ug/l	99
15) Acrylonitrile	4.99	53	280715	233.932	ug/l	98
16) Acetone	3.81	43	280252	255.790	ug/l	95
17) Carbon Disulfide	4.06	76	421652	50.700	ug/l	99
18) Methyl Acetate	4.32	43	146622	47.776	ug/l #	78
19) Methyl tert-butyl Ether	5.04	73	405450	48.646	ug/l	99
20) Methylene Chloride	4.55	84	165740	49.720	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	152822	48.940	ug/l	99
22) Diisopropyl ether	5.95	45	607065	49.960	ug/l	97
23) Vinyl Acetate	5.89	43	2088844	253.415	ug/l	100
24) 1,1-Dichloroethane	5.85	63	317027	48.657	ug/l	100
25) 2-Butanone	6.83	43	378572	245.478	ug/l	97
26) 2,2-Dichloropropane	6.82	77	249047	51.982	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	174488	48.001	ug/l	96
28) Bromochloromethane	7.19	49	158275	47.244	ug/l	100
29) Tetrahydrofuran	7.21	42	231632	228.637	ug/l	100
30) Chloroform	7.37	83	319149	51.398	ug/l	95
31) Cyclohexane	7.65	56	305998	50.595	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	262265	49.581	ug/l	100
36) 1,1-Dichloropropene	7.79	75	240391	51.786	ug/l	99
37) Ethyl Acetate	6.93	43	160457	47.629	ug/l	98
38) Carbon Tetrachloride	7.77	117	232478	54.512	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	283689	53.535	ug/l	98
40) Benzene	8.04	78	676650	51.025	ug/l	98
41) Methacrylonitrile	7.17	41	91434	48.951	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	237616	50.248	ug/l	100
43) Isopropyl Acetate	8.16	43	296261	45.573	ug/l	99
44) Trichloroethene	8.83	130	171586	52.528	ug/l	99
45) 1,2-Dichloropropane	9.12	63	188721	50.146	ug/l	99
46) Dibromomethane	9.21	93	108383	49.747	ug/l	98
47) Bromodichloromethane	9.40	83	237002	53.011	ug/l	98
48) Methyl methacrylate	9.20	41	153978	46.679	ug/l	99
49) 1,4-Dioxane	9.20	88	27635	1091.342	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	801207	244.843	ug/l	99
52) Toluene	10.15	92	411786	51.908	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	239413	53.096	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	276065	53.707	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	142946	49.706	ug/l	97
56) Ethyl methacrylate	10.43	69	193328	51.117	ug/l	98
57) 1,3-Dichloropropane	10.71	76	253622	49.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	593927	275.830	ug/l	99
59) 2-Hexanone	10.75	43	578024	256.807	ug/l	99
60) Dibromochloromethane	10.90	129	159550	51.278	ug/l	98
61) 1,2-Dibromoethane	11.00	107	142041	49.584	ug/l	100
64) Tetrachloroethene	10.63	164	152570	51.241	ug/l	97
65) Chlorobenzene	11.43	112	449221	50.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	157714	52.243	ug/l	98
67) Ethyl Benzene	11.51	91	804372	52.351	ug/l	100
68) m/p-Xylenes	11.62	106	601517	107.146	ug/l	98
69) o-Xylene	11.95	106	291916	54.245	ug/l	100
70) Styrene	11.96	104	475476	55.180	ug/l	99
71) Bromoform	12.12	173	94994	53.295	ug/l #	98
73) Isopropylbenzene	12.25	105	793942	51.021	ug/l	98
74) N-amyl acetate	12.07	43	277664	50.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	171348	45.551	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	232791	70.884	ug/l #	100
77) Bromobenzene	12.53	156	182616	50.437	ug/l	98
78) n-propylbenzene	12.59	91	963834	52.961	ug/l	100
79) 2-Chlorotoluene	12.67	91	538738	50.674	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	655215	52.948	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	50148	49.526	ug/l	99
82) 4-Chlorotoluene	12.77	91	551683	50.649	ug/l	100
83) tert-Butylbenzene	12.99	119	567465	51.942	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	664733	53.510	ug/l	99
85) sec-Butylbenzene	13.17	105	790638	53.127	ug/l	99
86) p-Isopropyltoluene	13.29	119	681358	54.048	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	332057	51.639	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	329323	51.513	ug/l	99
89) n-Butylbenzene	13.61	91	625806	57.799	ug/l	100
90) Hexachloroethane	13.87	117	122203	54.730	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	317513	50.966	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26731	48.191	ug/l	96

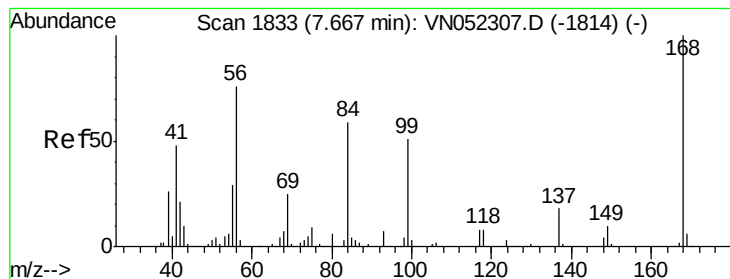
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	146533	50.526	ug/l	98
94) Hexachlorobutadiene	15.01	225	76856	53.899	ug/l	99
95) Naphthalene	15.13	128	314049	46.055	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	126239	53.327	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

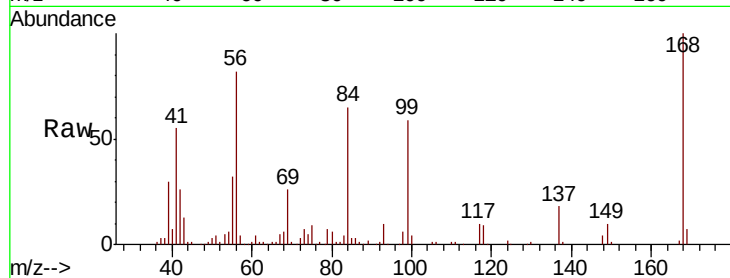
ClientSampled :

Tot Ion:168 Resp: 281745

Ion Ratio Lower Upper

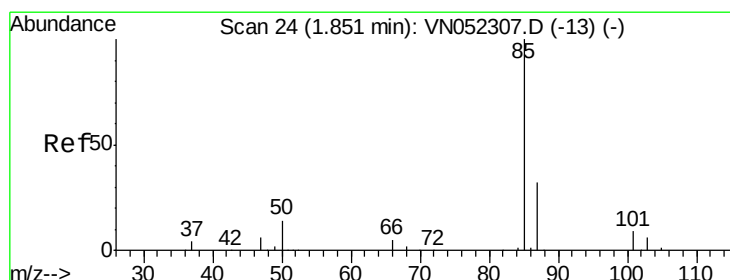
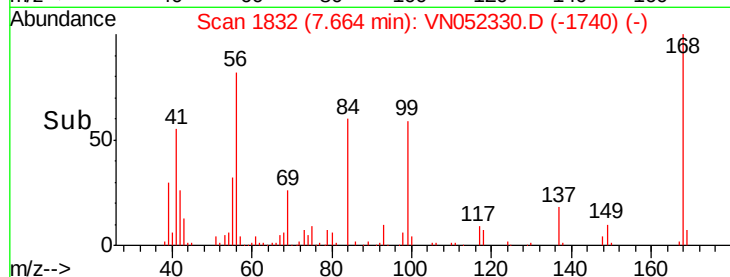
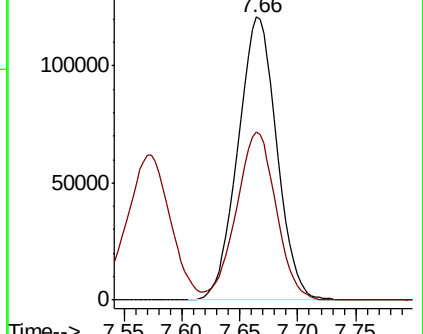
168 100

99 59.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 51.724 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052330.D

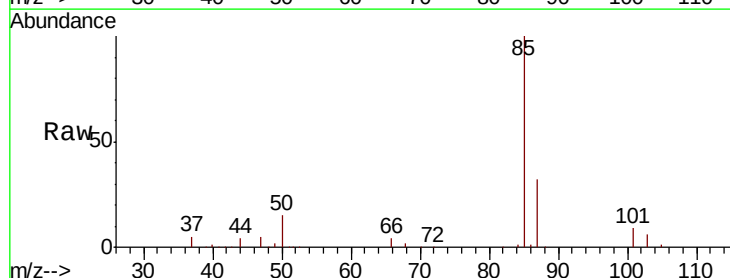
Acq: 15 Nov 2018 8:19

Tgt Ion: 85 Resp: 154425

Ion Ratio Lower Upper

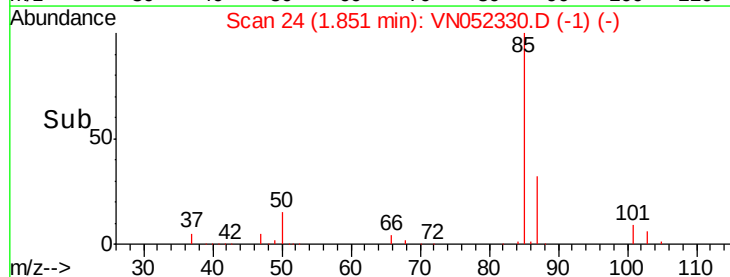
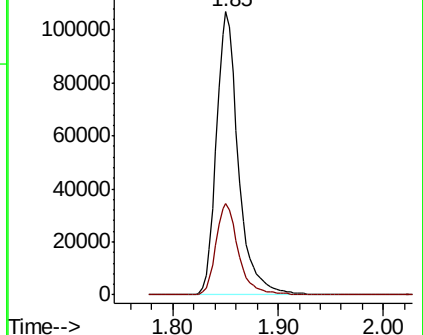
85 100

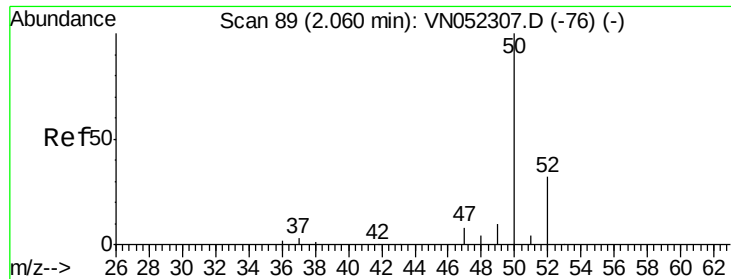
87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

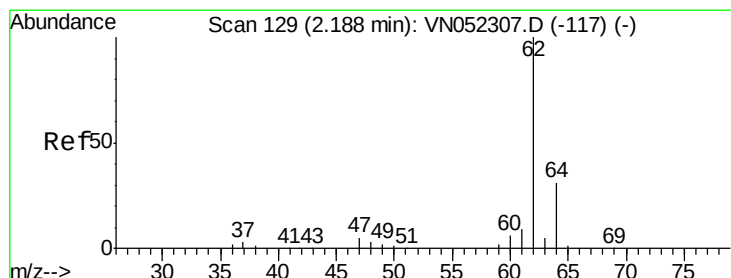
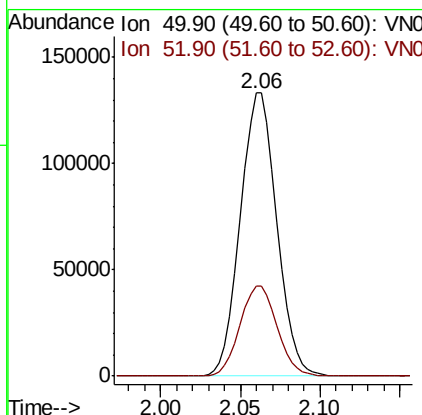
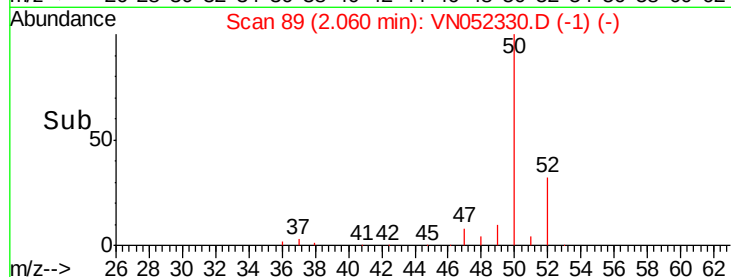
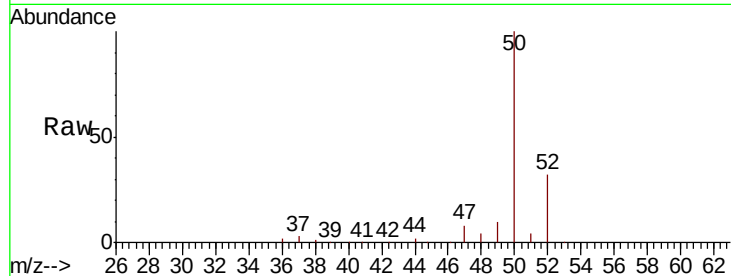




#3
 Chloromethane
 Concen: 49.948 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

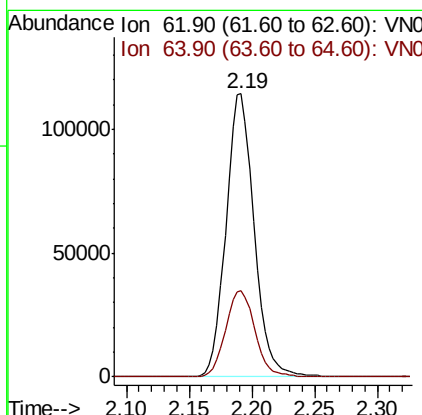
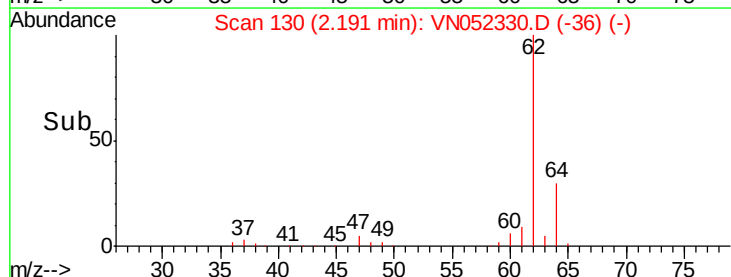
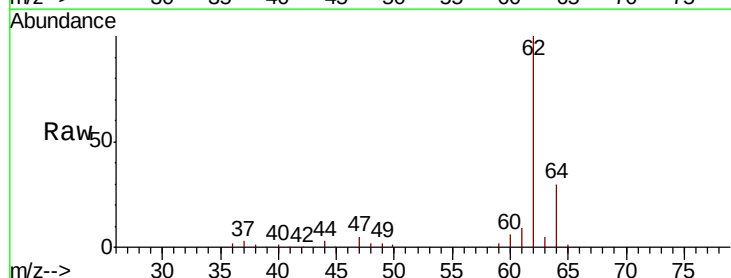
Instrument :
 MSVOA_N
 ClientSampled :

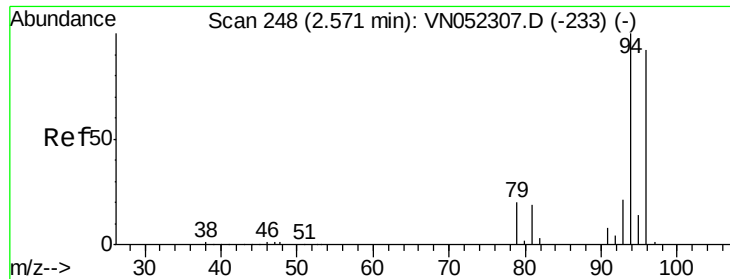
Tot Ion: 50 Resp: 207235
 Ion Ratio Lower Upper
 50 100
 52 32.0 25.5 38.3



#4
 Vinyl Chloride
 Concen: 49.649 ug/l
 RT: 2.19 min Scan# 130
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 62 Resp: 178065
 Ion Ratio Lower Upper
 62 100
 64 30.3 25.2 37.8

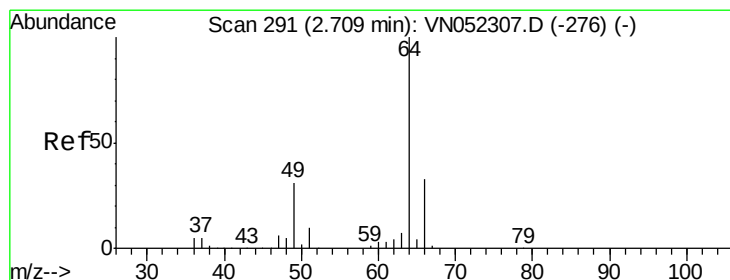
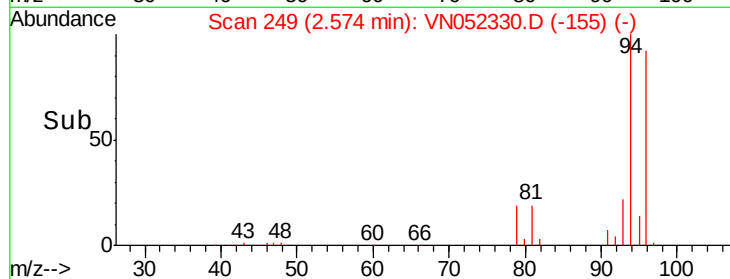
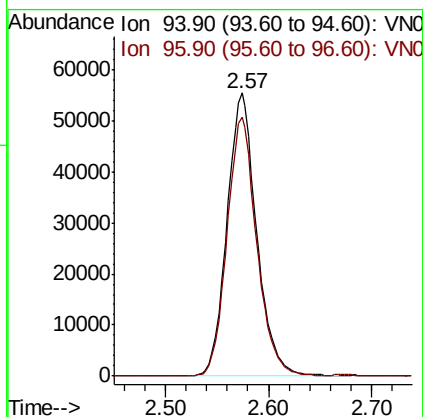
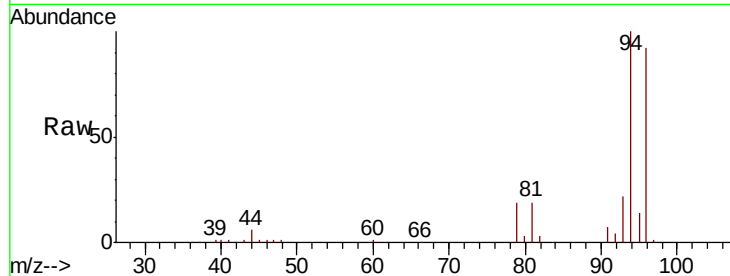




#5
Bromomethane
Concen: 49.535 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

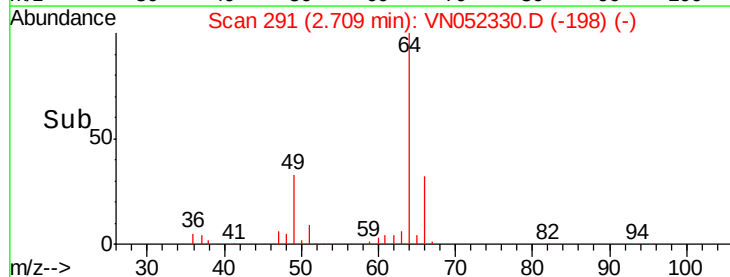
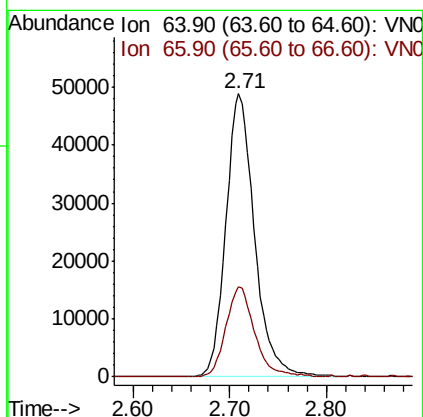
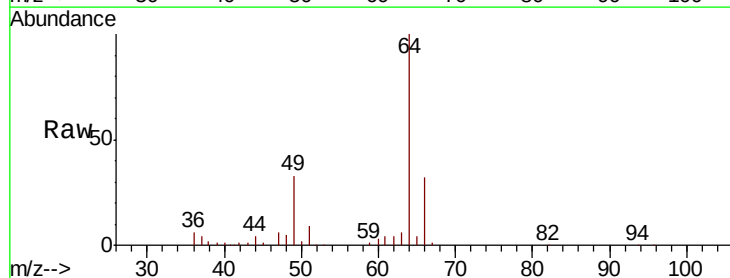
Instrument :
MSVOA_N
ClientSampled :

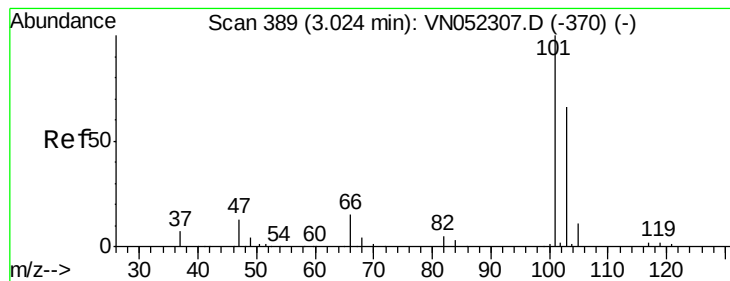
Tot Ion: 94 Resp: 110753
Ion Ratio Lower Upper
94 100
96 91.7 73.6 110.4



#6
Chloroethane
Concen: 49.502 ug/l
RT: 2.71 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 64 Resp: 100379
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.2



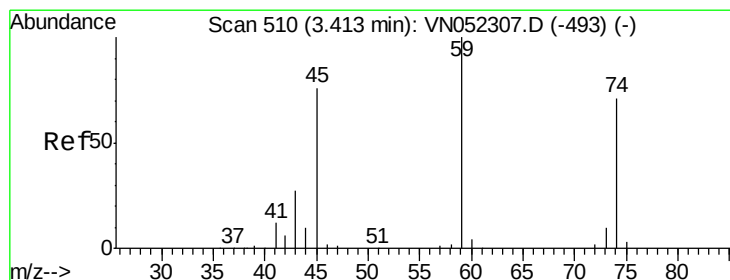
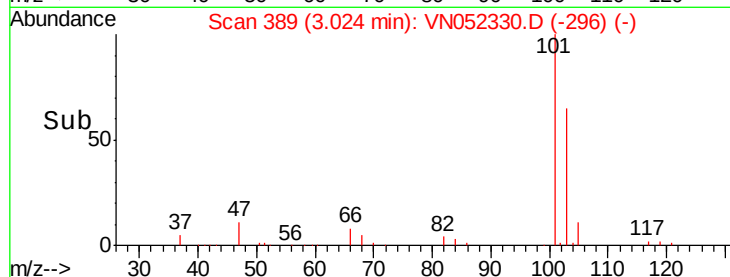
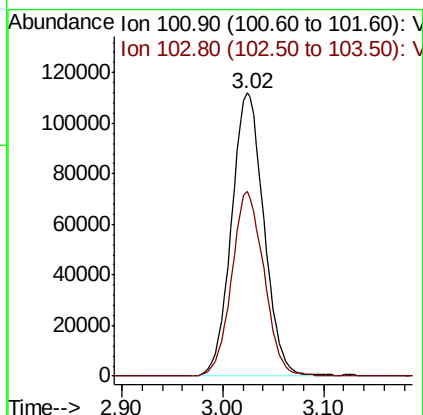
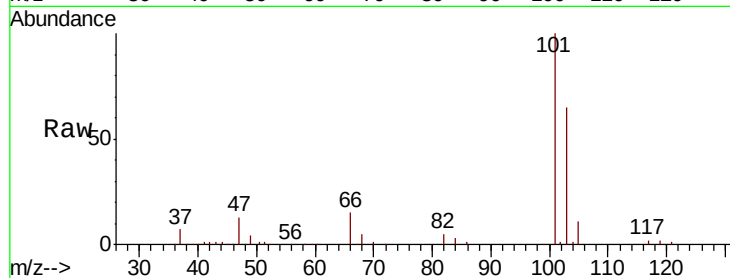


#7

Trichlorofluoromethane
 Concen: 50.330 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampled :

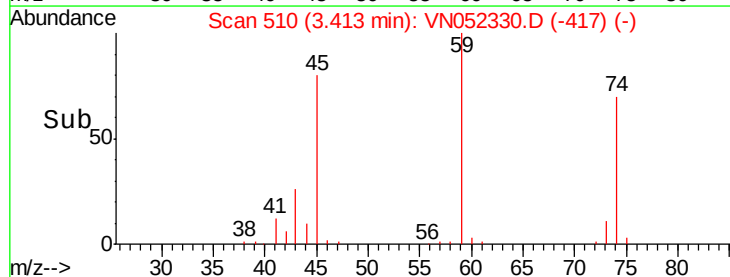
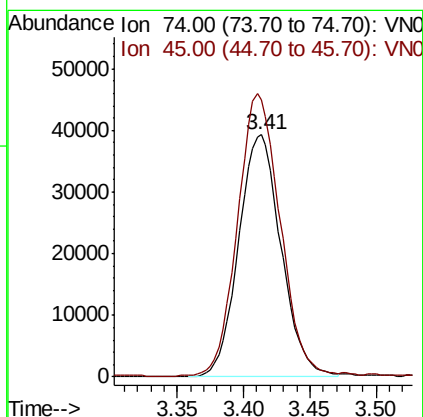
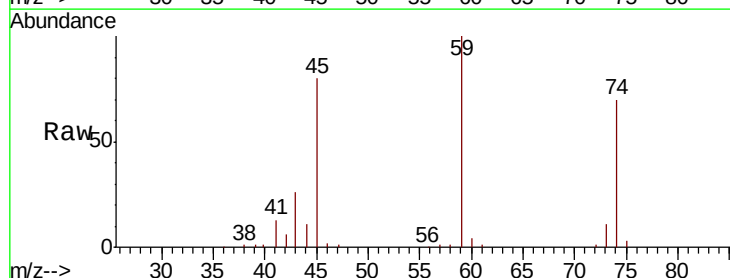
Tot Ion:101 Resp: 249782
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.8 79.2

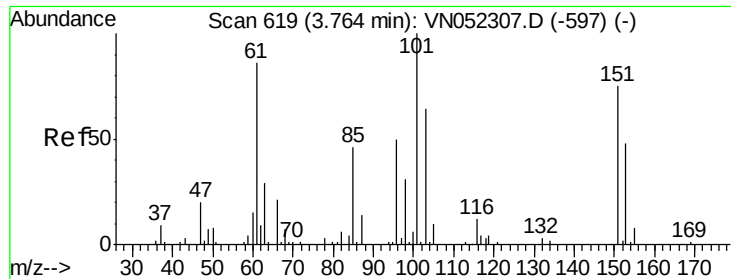


#8

Diethyl Ether
 Concen: 46.276 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 74 Resp: 87531
 Ion Ratio Lower Upper
 74 100
 45 117.8 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.667 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

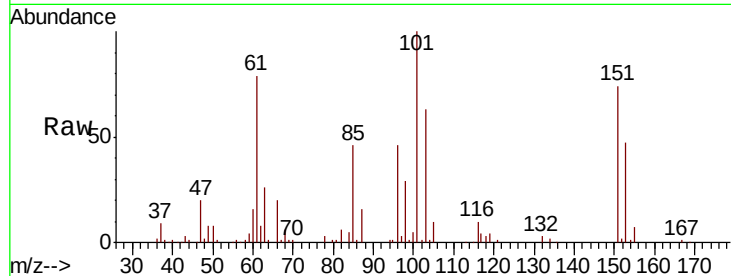
Tot Ion:101 Resp: 158799

Ion Ratio Lower Upper

101 100

85 46.8 37.4 56.0

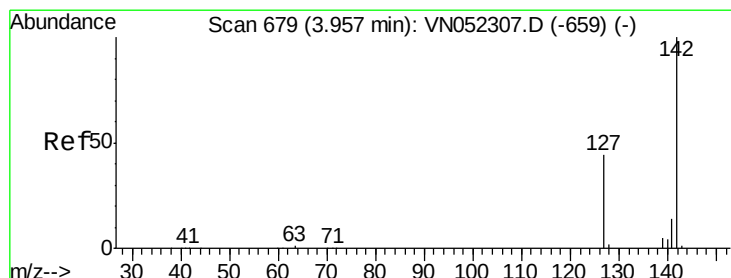
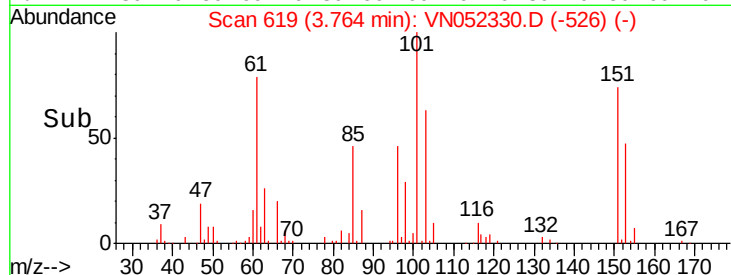
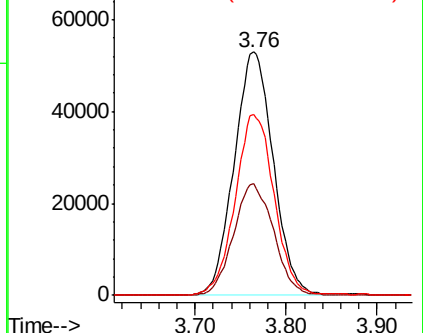
151 73.8 58.6 88.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.185 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

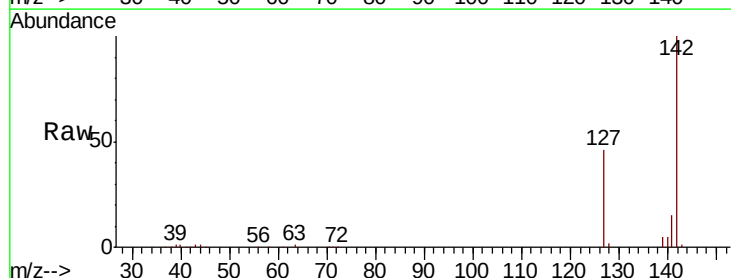
Tgt Ion:142 Resp: 202769

Ion Ratio Lower Upper

142 100

127 45.6 36.3 54.5

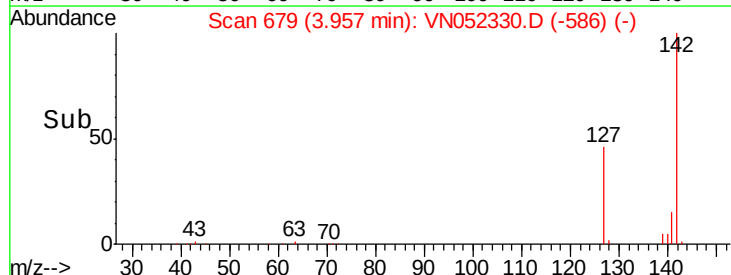
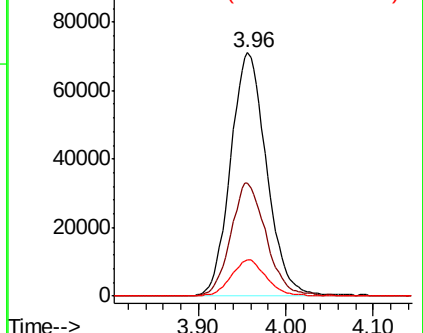
141 14.6 11.4 17.2

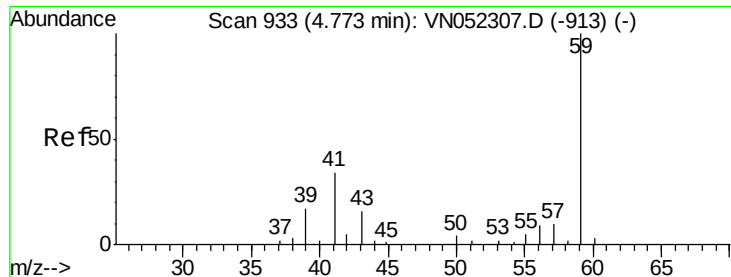


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

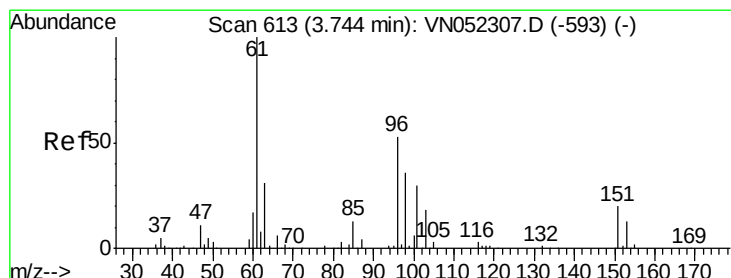
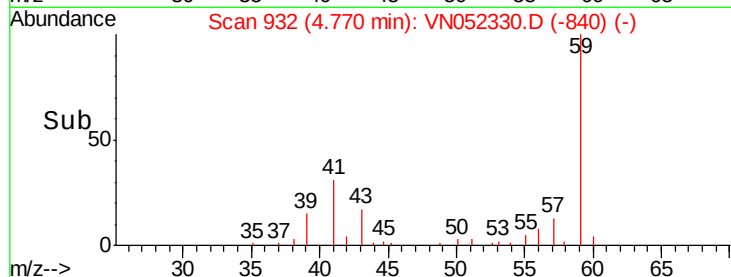
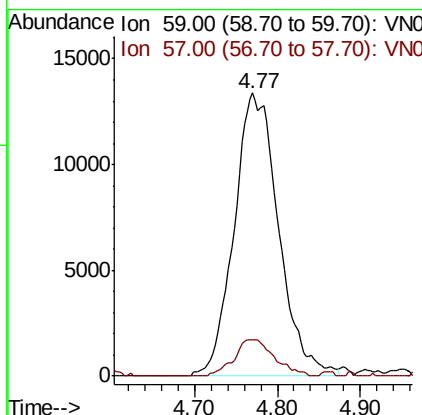
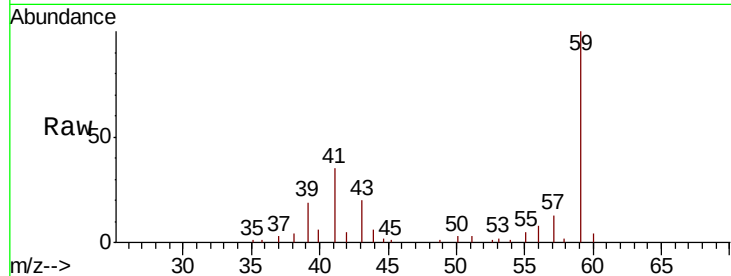




#11
Tert butyl alcohol
Concen: 237.064 ug/l
RT: 4.77 min Scan# 932
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

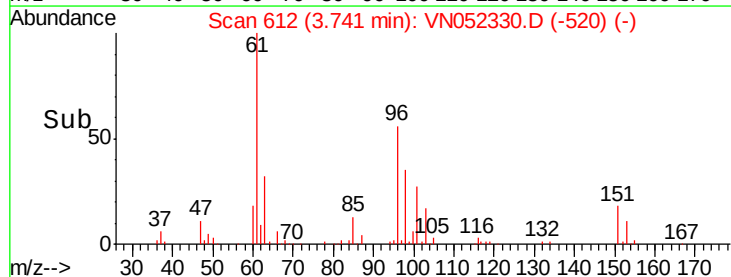
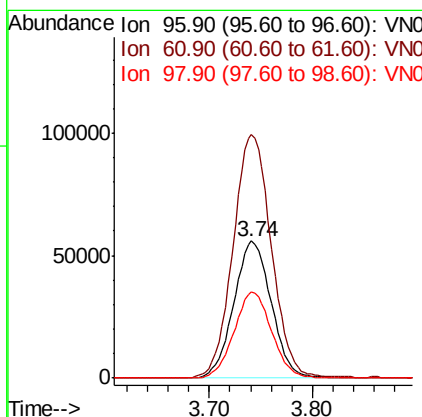
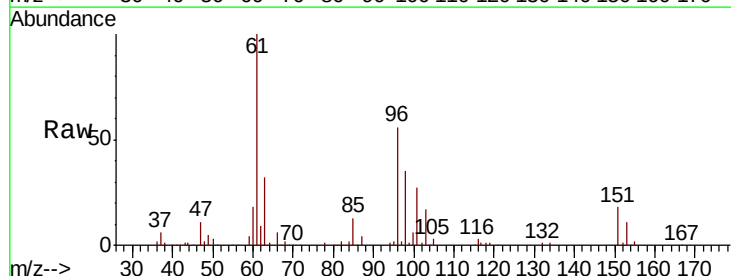
Instrument :
MSVOA_N
ClientSampled :

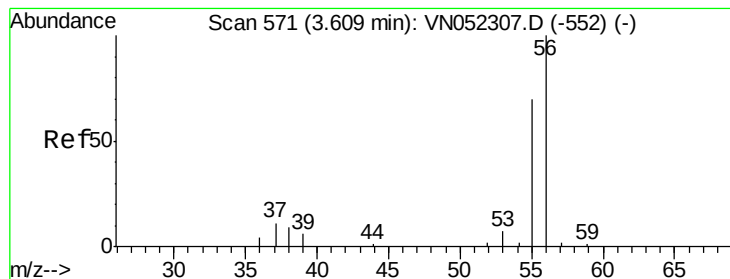
Tot Ion: 59 Resp: 49819
Ion Ratio Lower Upper
59 100
57 11.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.801 ug/l
RT: 3.74 min Scan# 612
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 96 Resp: 141538
Ion Ratio Lower Upper
96 100
61 177.5 149.6 224.4
98 62.9 54.2 81.2





#13

Acrolein

Concen: 205.690 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

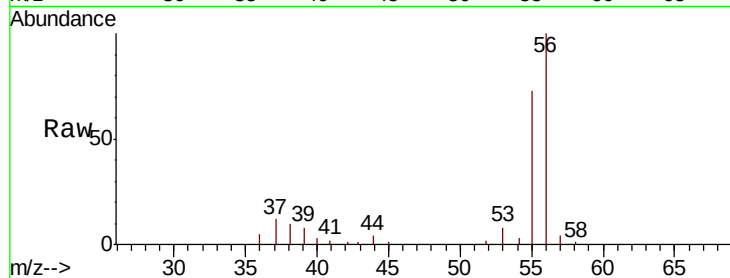
ClientSampled :

Tot Ion: 56 Resp: 63858

Ion Ratio Lower Upper

56 100

55 71.3 57.6 86.4



Abundance Ion 56.00 (55.70 to 56.70): VN052330.D (-478) (-)

Ion 55.00 (54.70 to 55.70): VN052330.D (-478) (-)

3.61

25000

20000

15000

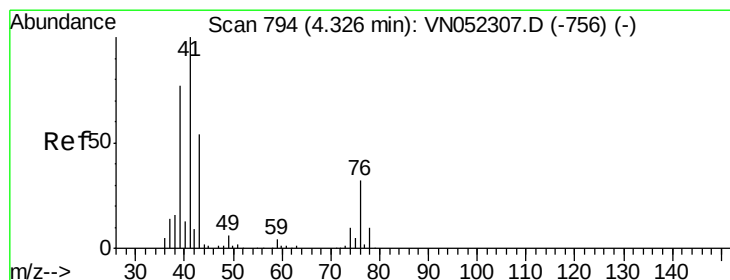
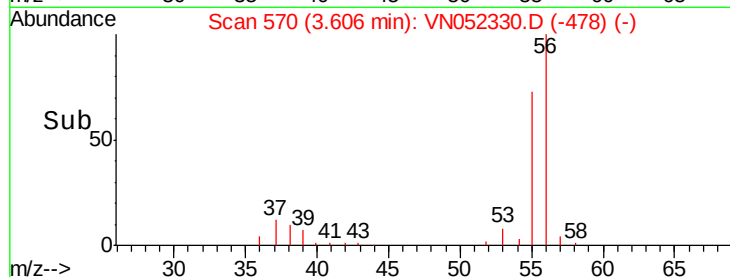
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 50.746 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

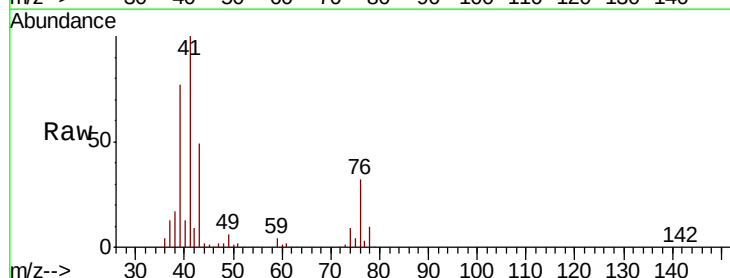
Tgt Ion: 41 Resp: 302210

Ion Ratio Lower Upper

41 100

39 72.8 59.1 88.7

76 30.1 24.1 36.1



Abundance Ion 41.00 (40.70 to 41.70): VN052330.D (-701) (-)

Ion 39.00 (38.70 to 39.70): VN052330.D (-701) (-)

Ion 75.90 (75.60 to 76.60): VN052330.D (-701) (-)

4.33

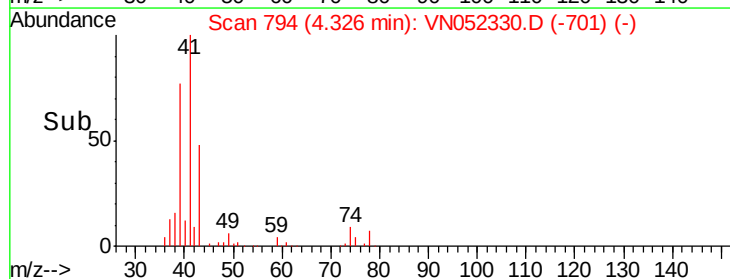
100000

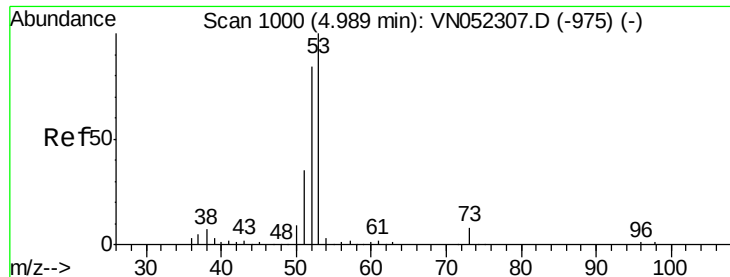
50000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 233.932 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampled :

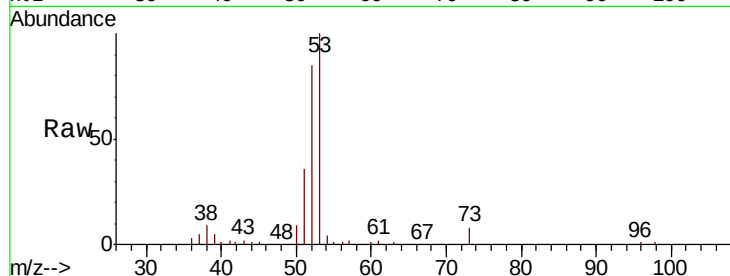
Tot Ion: 53 Resp: 280715

Ion Ratio Lower Upper

53 100

52 82.4 67.5 101.3

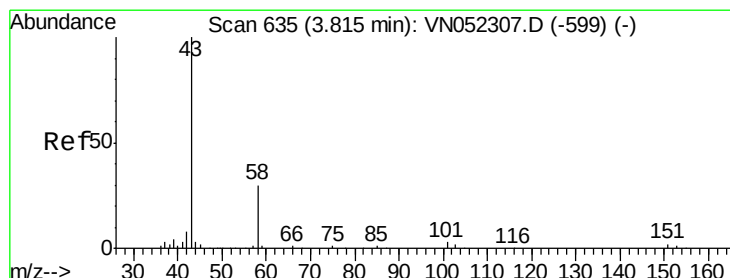
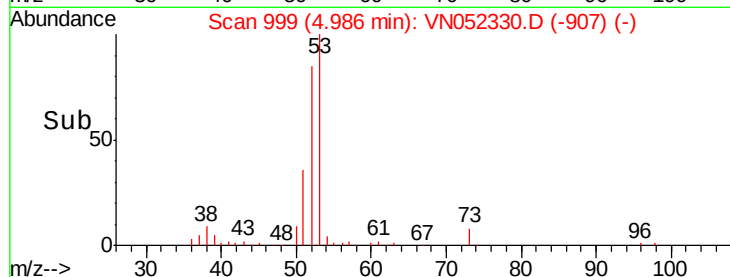
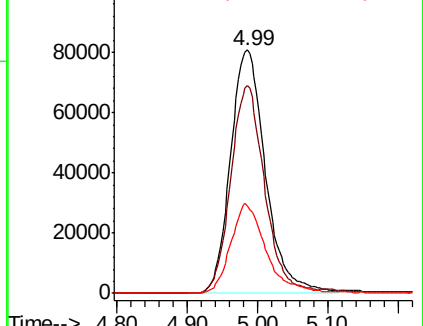
51 37.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN052330.D (-997) (-)

Ion 52.00 (51.70 to 52.70): VN052330.D (-997) (-)

Ion 51.00 (50.70 to 51.70): VN052330.D (-997) (-)



#16

Acetone

Concen: 255.790 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052330.D

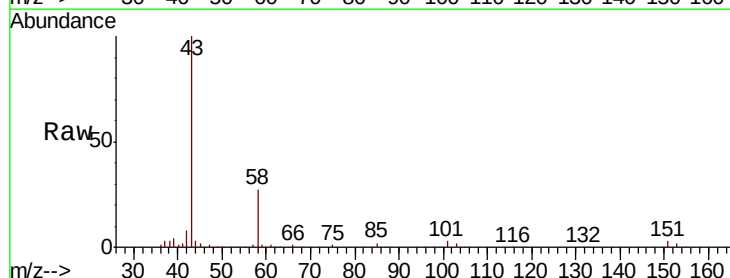
Acq: 15 Nov 2018 8:19

Tgt Ion: 43 Resp: 280252

Ion Ratio Lower Upper

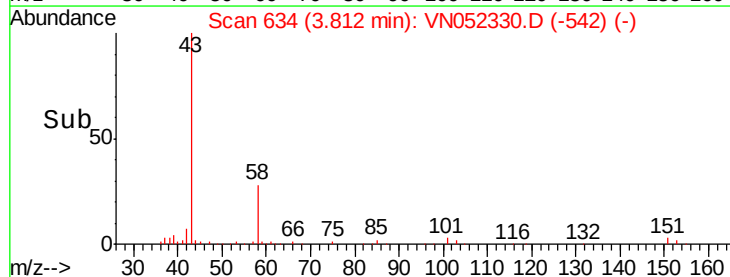
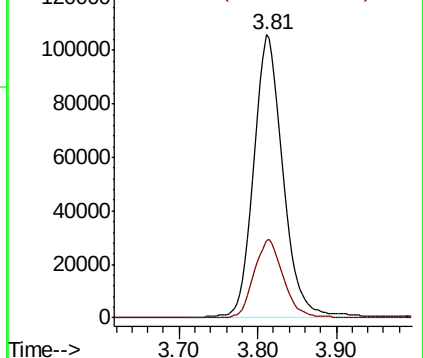
43 100

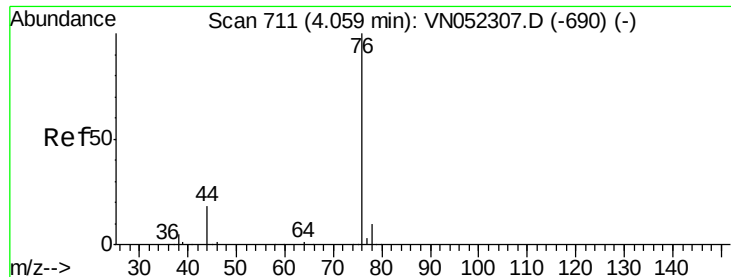
58 27.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052330.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052330.D (-542) (-)

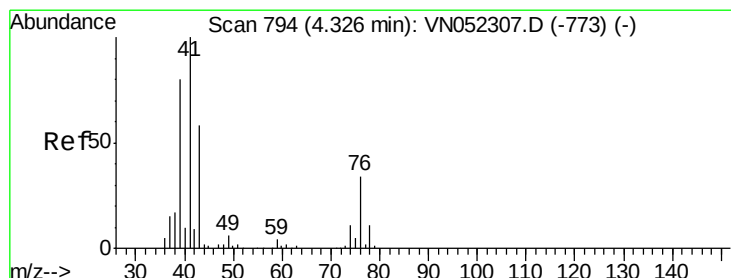
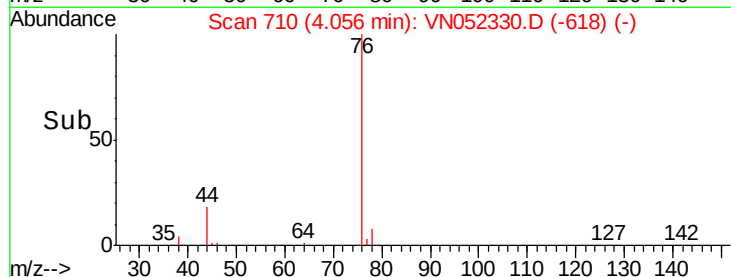
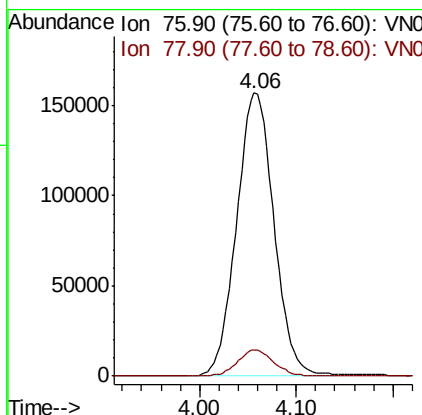
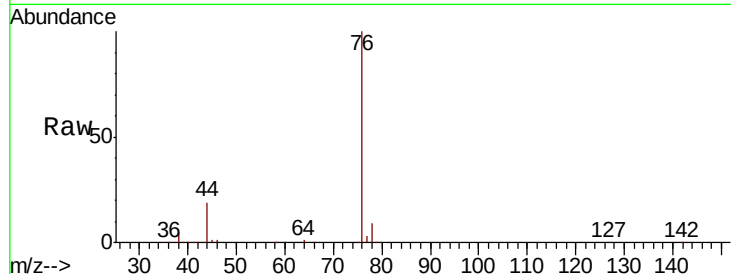




#17
Carbon Disulfide
Concen: 50.700 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

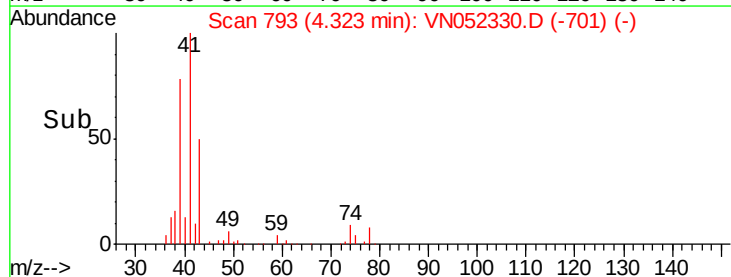
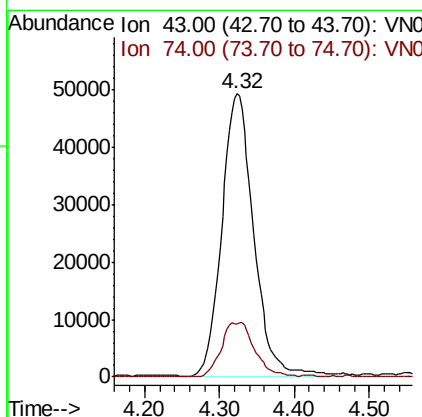
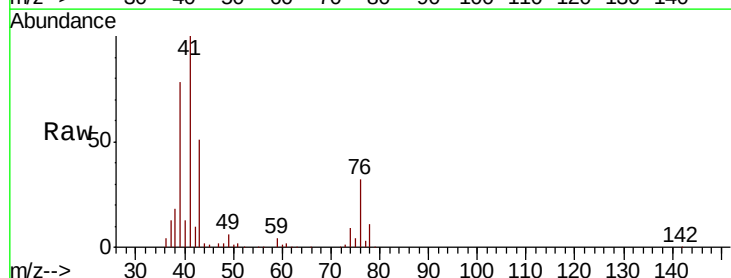
Instrument :
MSVOA_N
ClientSampled :

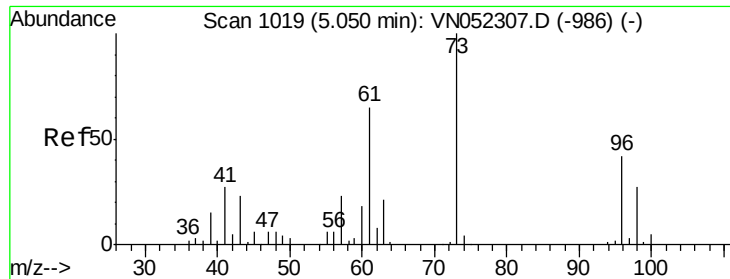
Tot Ion: 76 Resp: 421652
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5



#18
Methyl Acetate
Concen: 47.776 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 43 Resp: 146622
Ion Ratio Lower Upper
43 100
74 9.9 15.9 23.9#

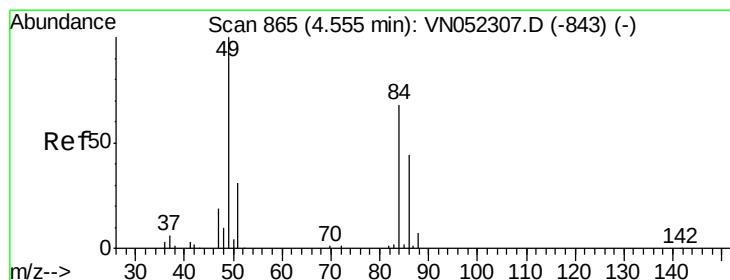
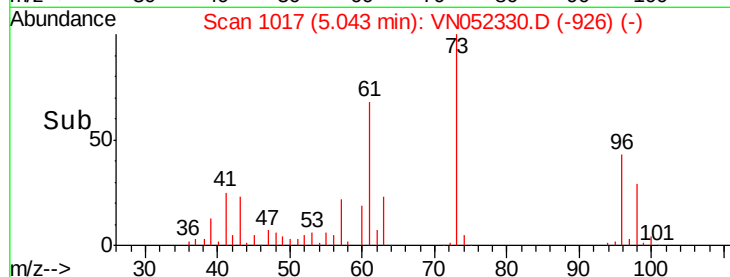
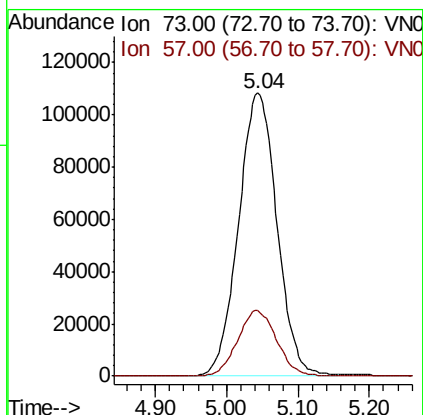
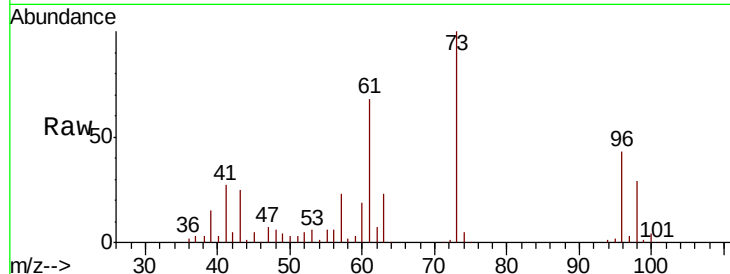




#19
Methyl tert-butyl Ether
Concen: 48.646 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

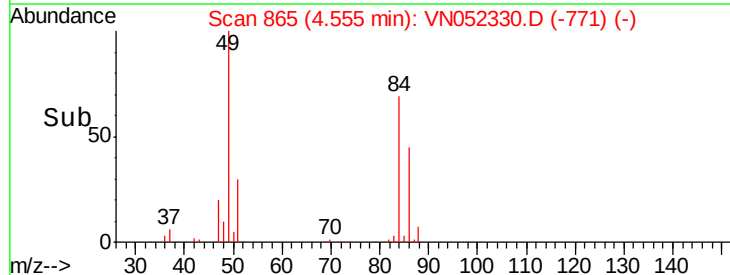
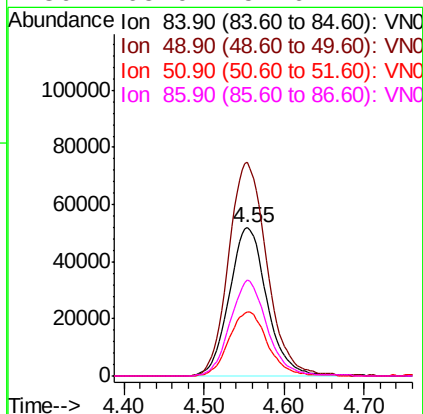
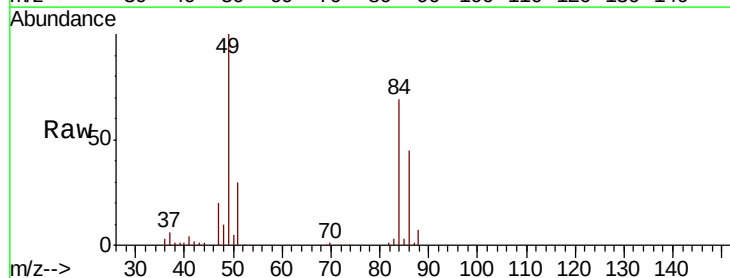
Instrument :
MSVOA_N
ClientSampled :

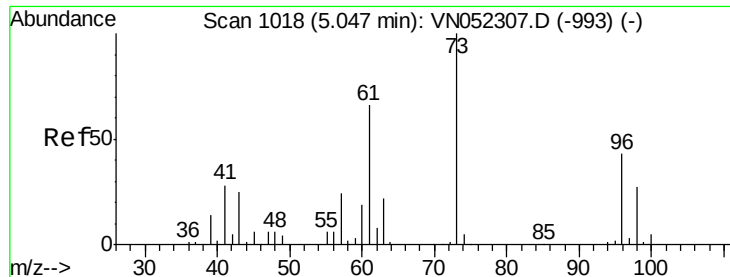
Tot Ion: 73 Resp: 405450
Ion Ratio Lower Upper
73 100
57 23.1 18.7 28.1



#20
Methylene Chloride
Concen: 49.720 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 84 Resp: 165740
Ion Ratio Lower Upper
84 100
49 144.1 118.2 177.2
51 43.1 36.1 54.1
86 65.0 51.6 77.4

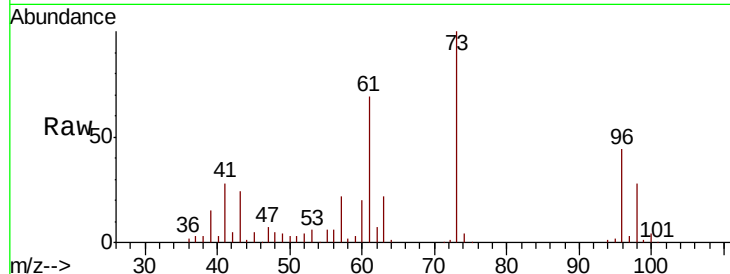




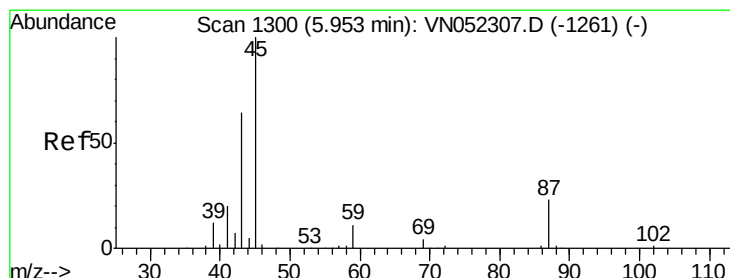
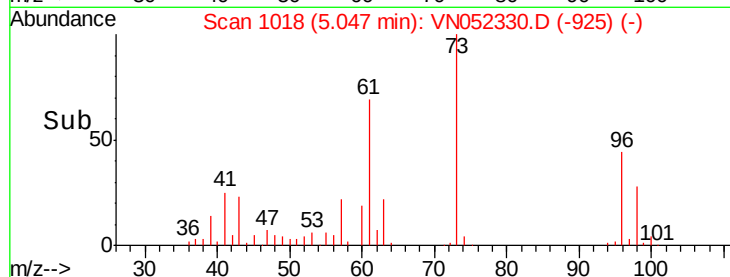
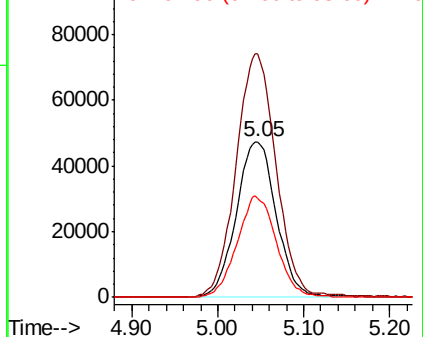
#21
trans-1,2-Dichloroethene
Concen: 48.940 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 152822
Ion Ratio Lower Upper
96 100
61 156.6 123.6 185.4
98 63.9 50.7 76.1

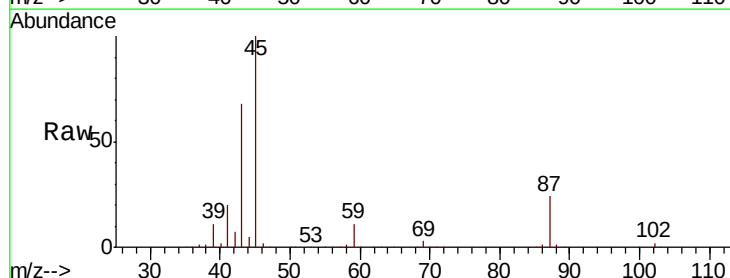


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

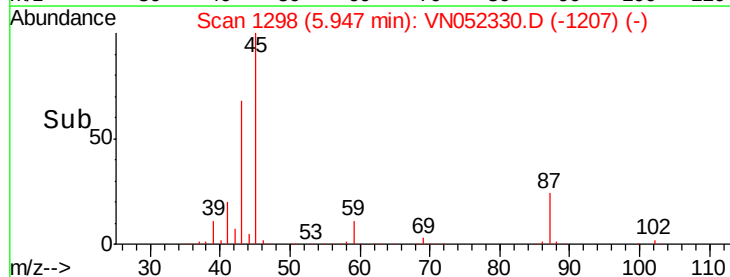
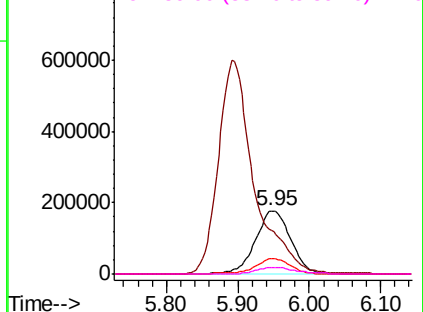


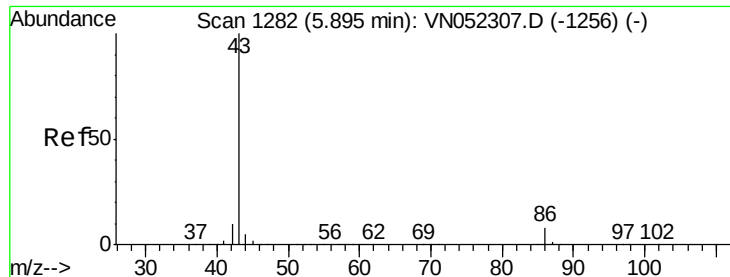
#22
Diisopropyl ether
Concen: 49.960 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.01 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 45 Resp: 607065
Ion Ratio Lower Upper
45 100
43 67.2 51.4 77.2
87 23.5 18.8 28.2
59 10.3 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 253.415 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

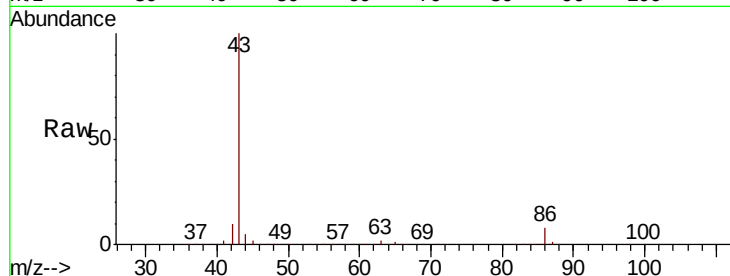
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 2088844

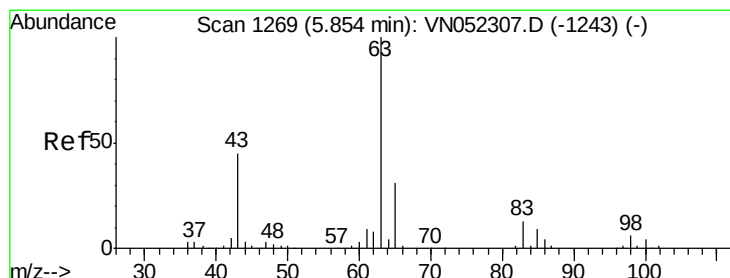
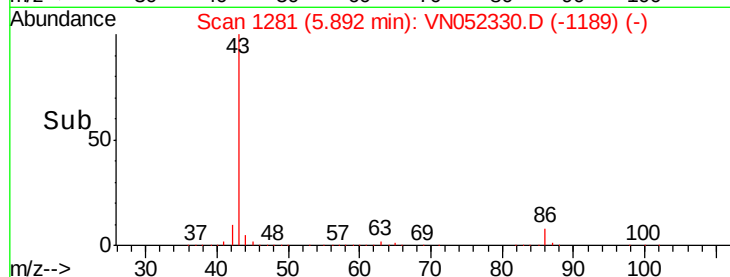
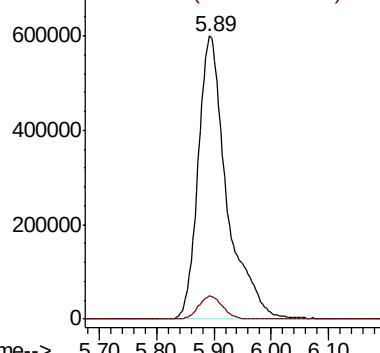
Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 86.00 (85.70 to 86.70): VNO



#24

1,1-Dichloroethane

Concen: 48.657 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

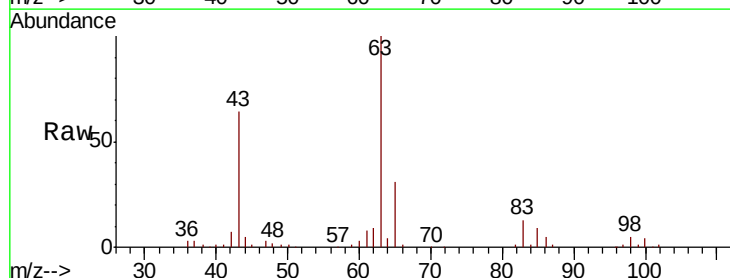
Tgt Ion: 63 Resp: 317027

Ion Ratio Lower Upper

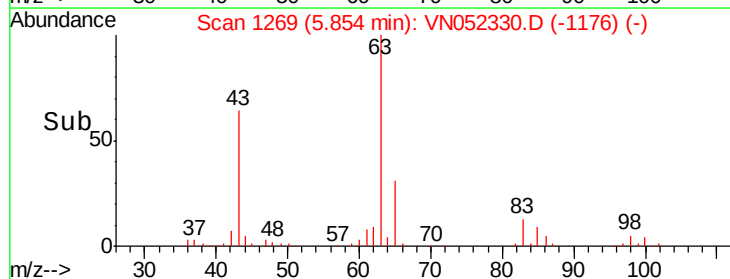
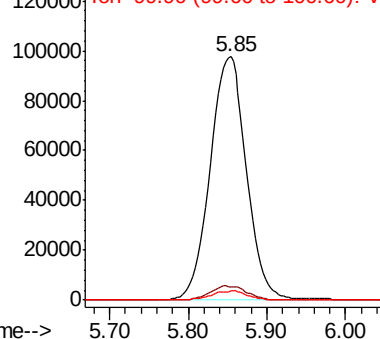
63 100

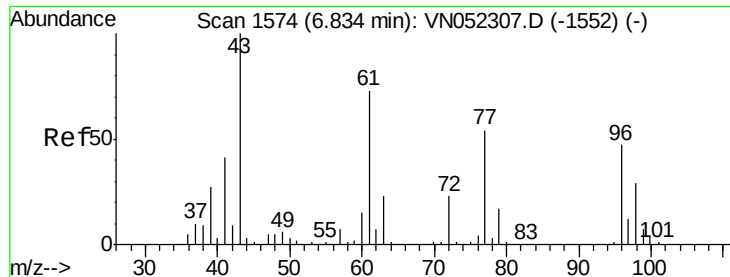
98 5.5 2.9 8.6

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 97.90 (97.60 to 98.60): VNO
Ion 99.90 (99.60 to 100.60): VNO





#25

2-Butanone

Concen: 245.478 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

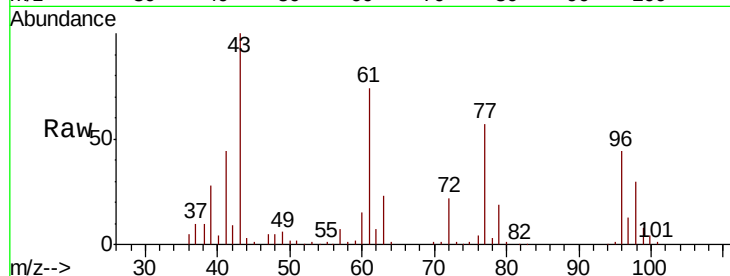
ClientSampled :

Tot Ion: 43 Resp: 378572

Ion Ratio Lower Upper

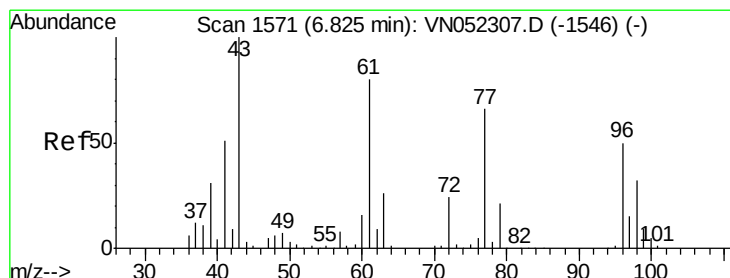
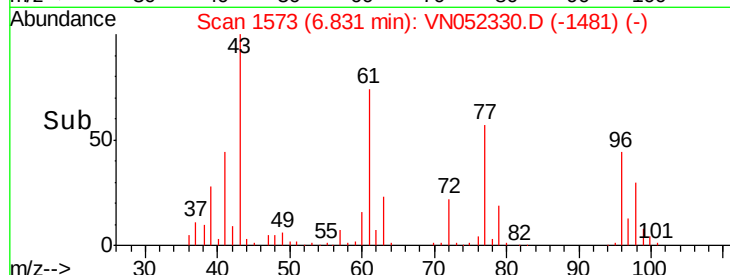
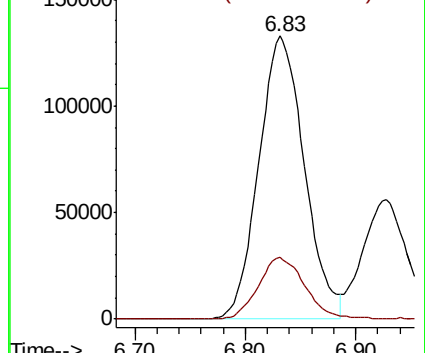
43 100

72 21.8 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN052330.D (-1481) (-)

Ion 72.00 (71.70 to 72.70): VN052330.D (-1481) (-)



#26

2,2-Dichloropropane

Concen: 51.982 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN052330.D

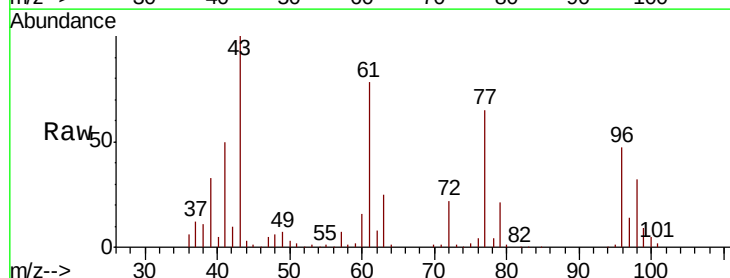
Acq: 15 Nov 2018 8:19

Tgt Ion: 77 Resp: 249047

Ion Ratio Lower Upper

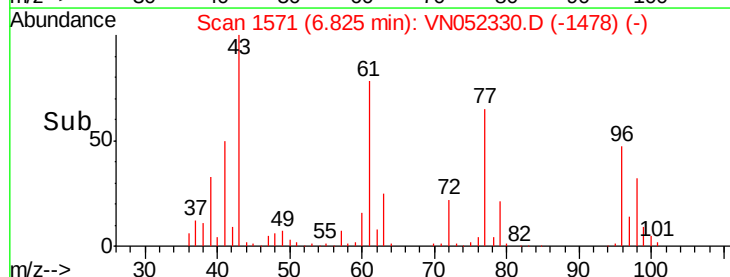
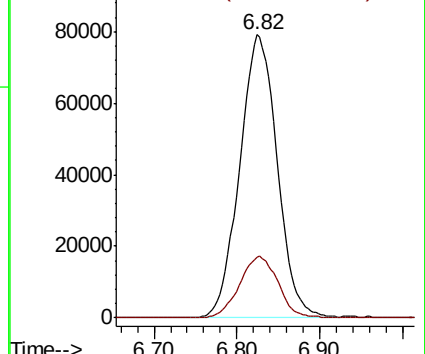
77 100

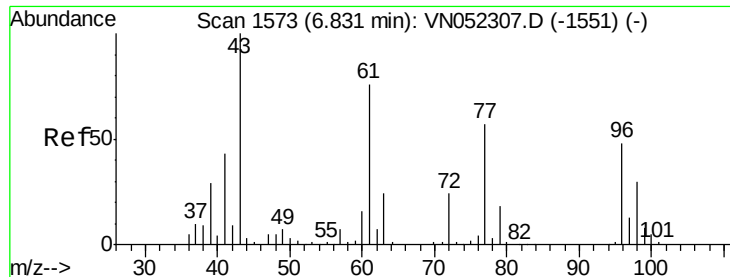
97 22.4 11.1 33.1



Abundance Ion 76.90 (76.60 to 77.60): VN052330.D (-1478) (-)

Ion 96.90 (96.60 to 97.60): VN052330.D (-1478) (-)





#27

cis-1,2-Dichloroethene

Concen: 48.001 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampled :

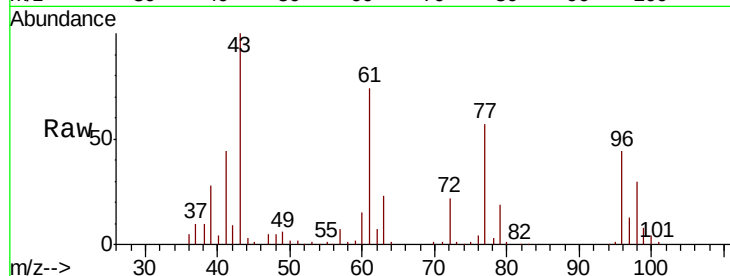
Tot Ion: 96 Resp: 174488

Ion Ratio Lower Upper

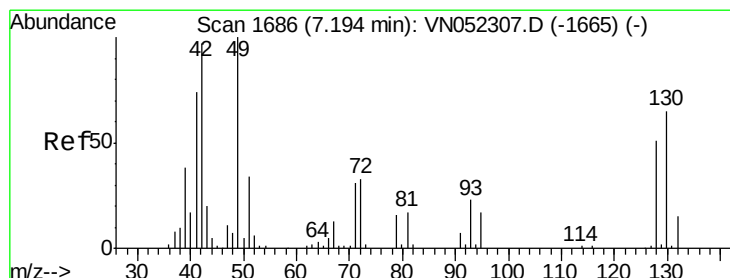
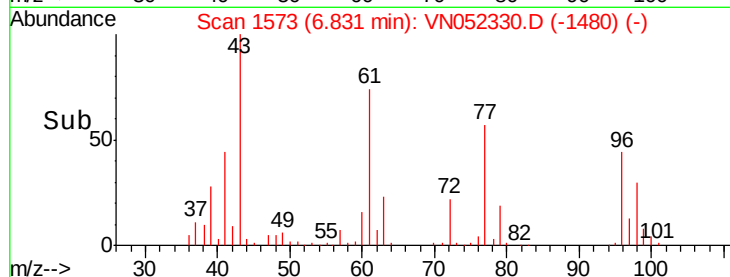
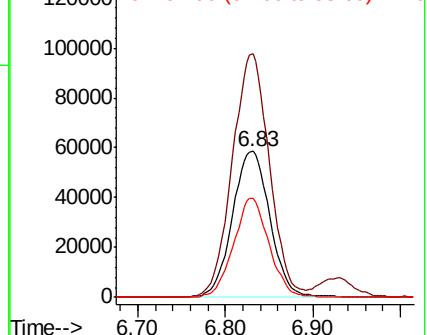
96 100

61 164.6 0.0 316.8

98 64.3 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.244 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

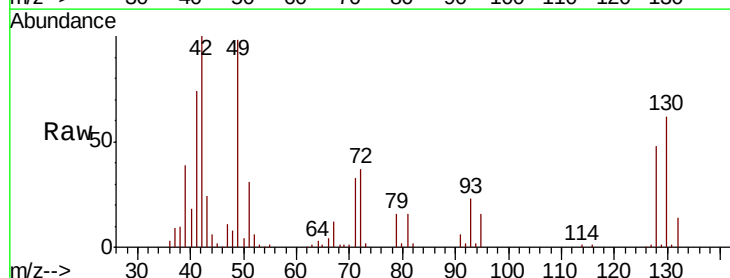
Tgt Ion: 49 Resp: 158275

Ion Ratio Lower Upper

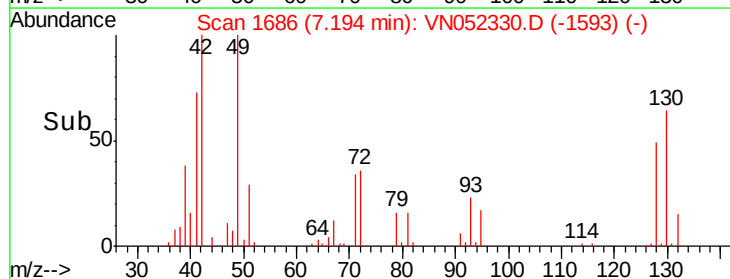
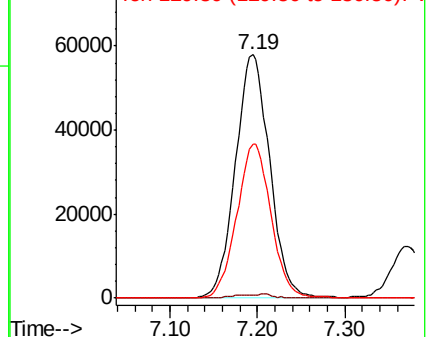
49 100

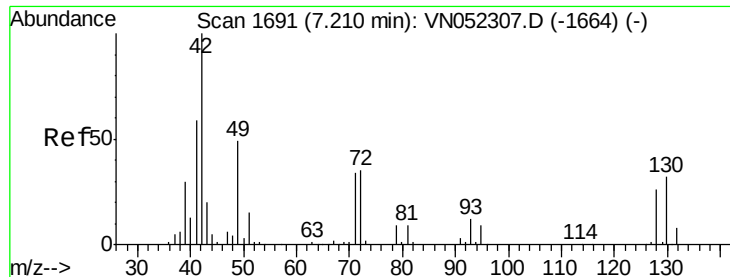
129 0.9 0.0 3.0

130 63.0 50.4 75.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

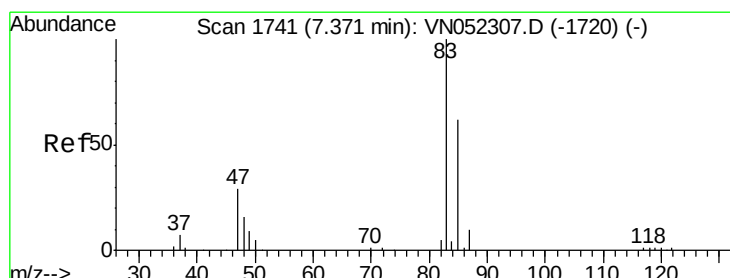
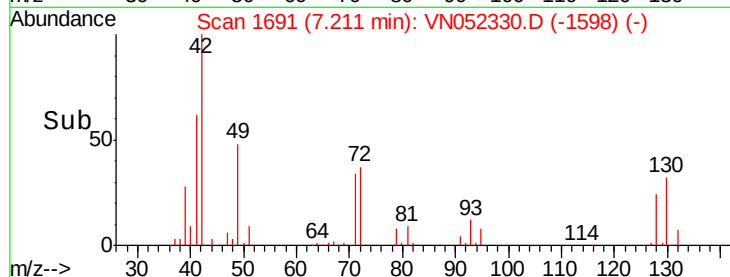
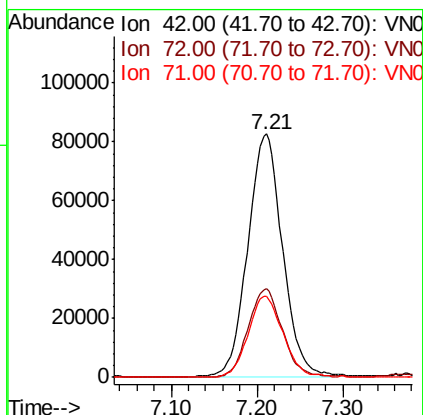
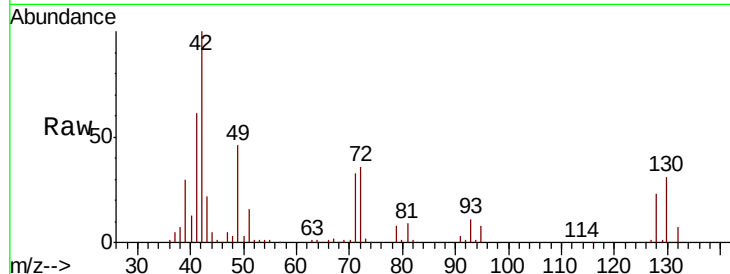




#29
Tetrahydrofuran
Concen: 228.637 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

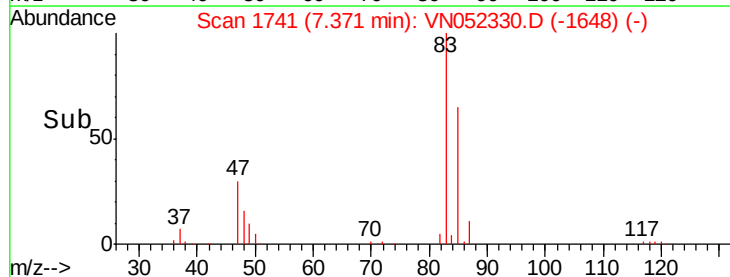
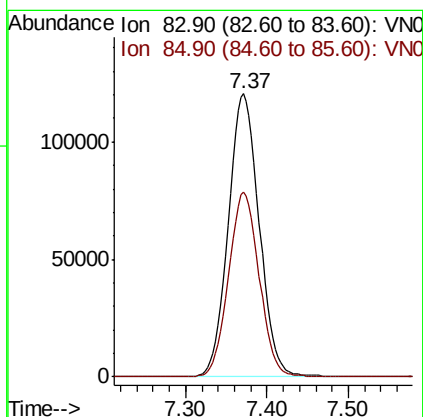
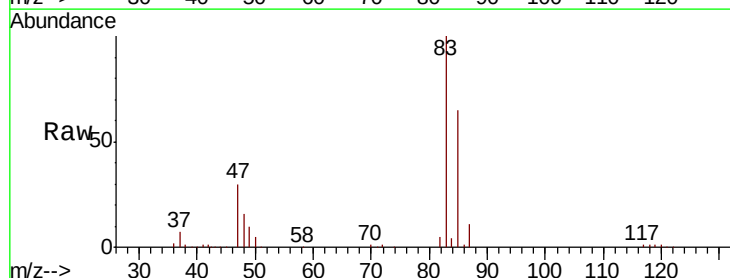
Instrument :
MSVOA_N
ClientSampleId :

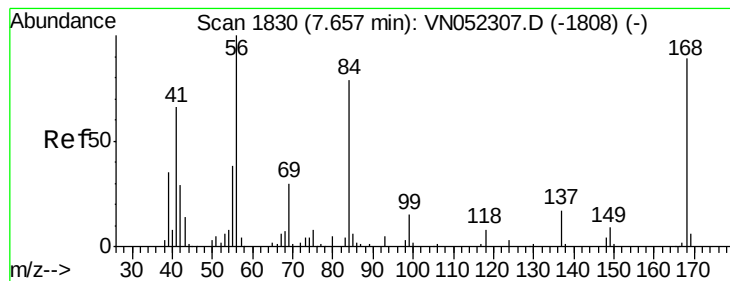
Tot Ion: 42 Resp: 231632
Ion Ratio Lower Upper
42 100
72 36.1 28.6 42.8
71 33.5 26.7 40.1



#30
Chloroform
Concen: 51.398 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 83 Resp: 319149
Ion Ratio Lower Upper
83 100
85 65.4 49.4 74.2





#31

Cyclohexane

Concen: 50.595 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

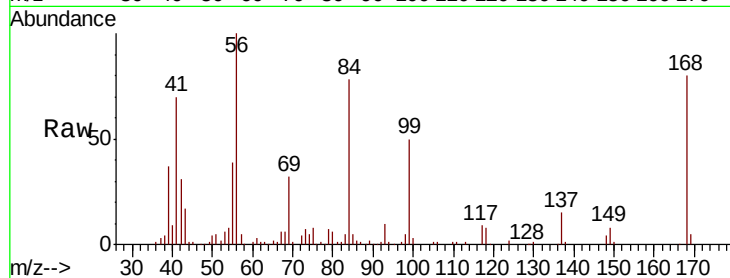
Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 305998

Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.8	35.8
84	77.1	63.0	94.6

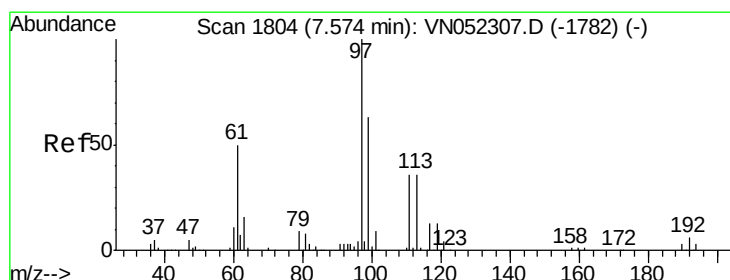
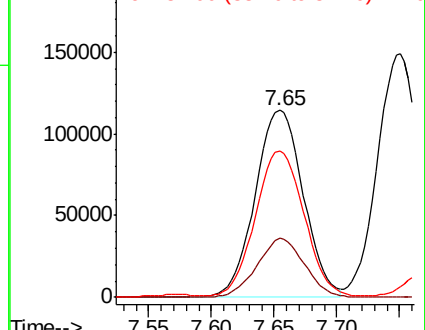
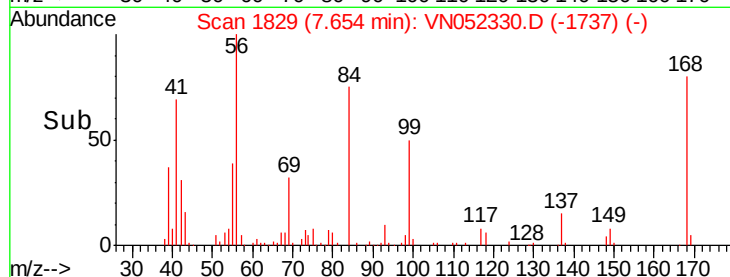


Abundance

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: 49.581 ug/l

RT: 7.57 min Scan# 1803

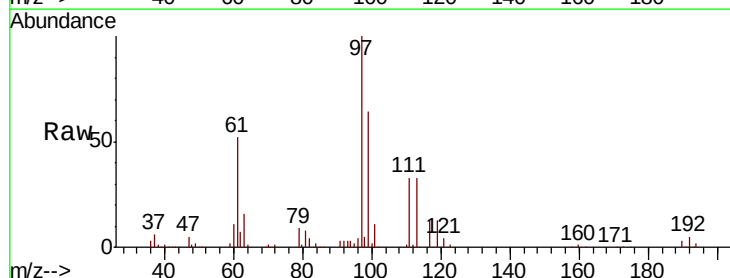
Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Tgt Ion: 97 Resp: 262265

Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.2	75.2
61	50.7	40.2	60.4

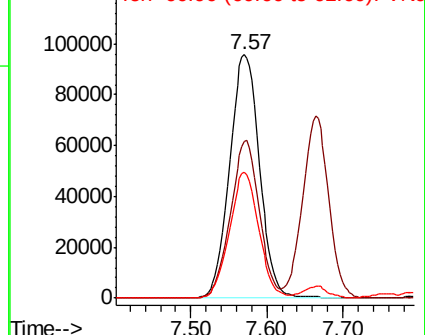
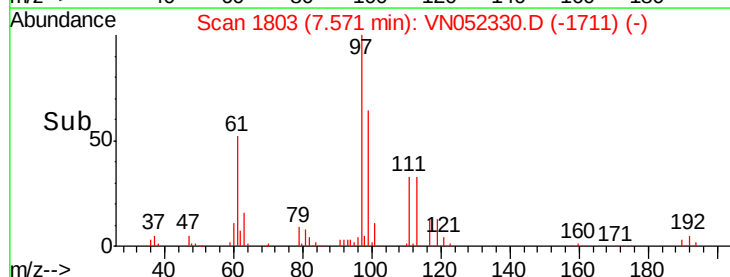


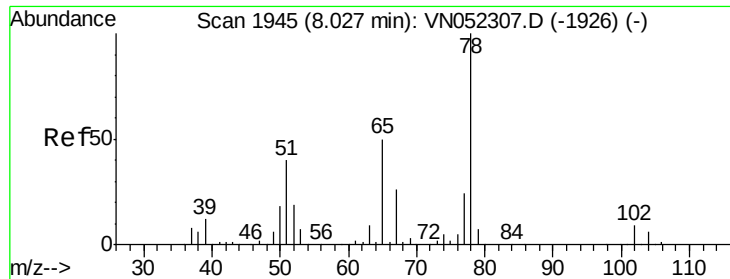
Abundance

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

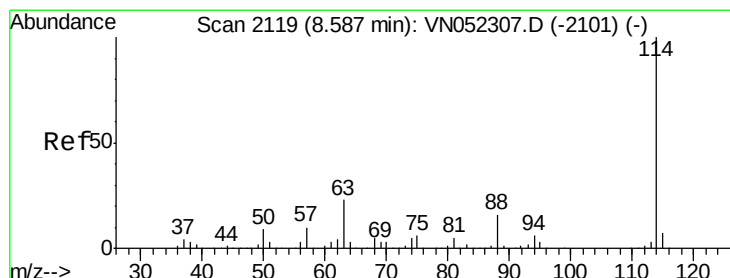
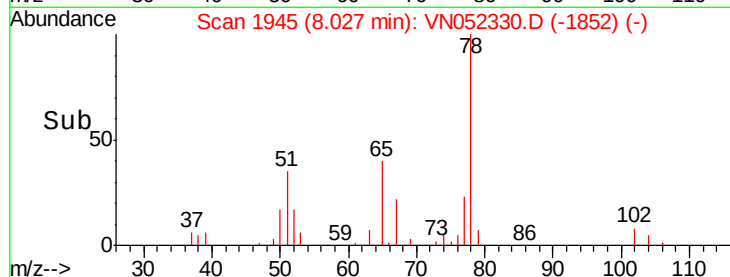
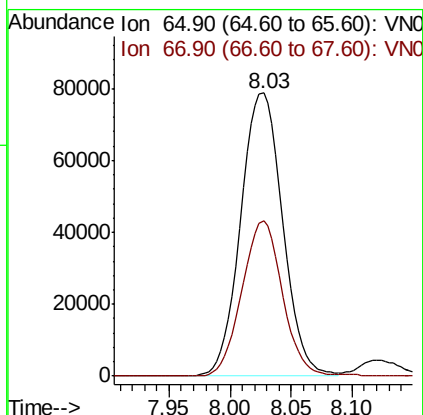
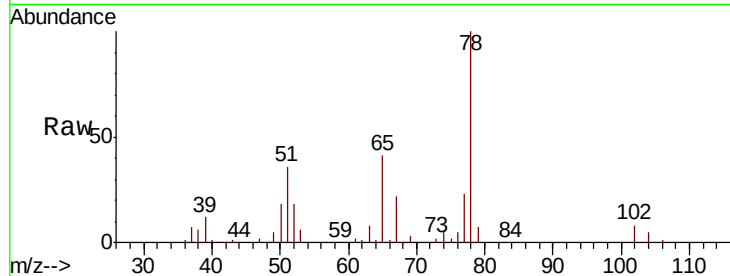




#33
 1,2-Dichloroethane-d4
 Concen: 49.581 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

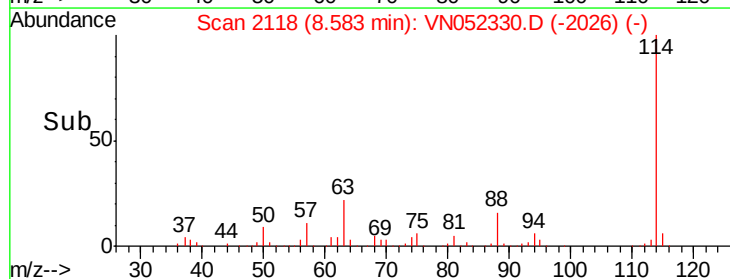
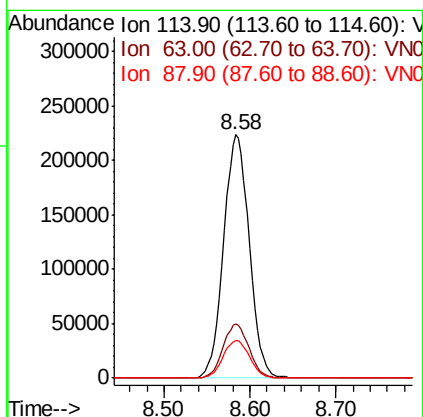
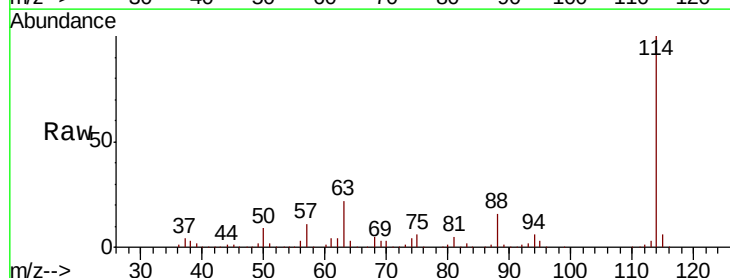
Instrument :
 MSVOA_N
 ClientSampled :

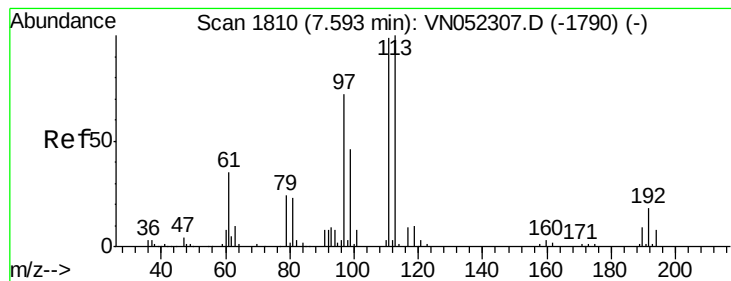
Tot Ion: 65 Resp: 187620
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 114 Resp: 463134
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.4
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

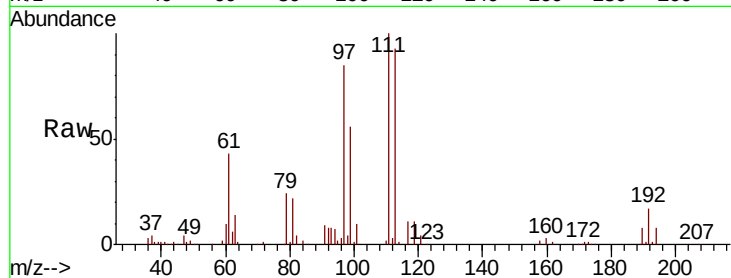
Tot Ion:113 Resp: 147887

Ion Ratio Lower Upper

113 100

111 103.6 81.0 121.6

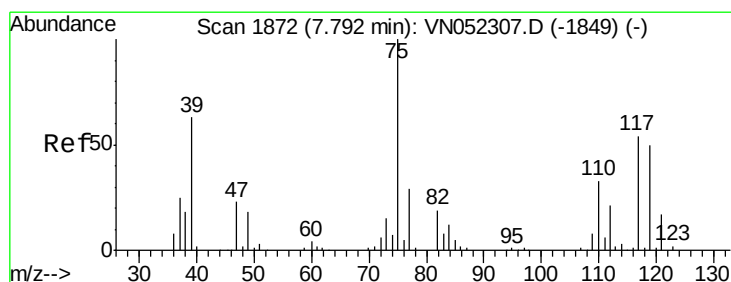
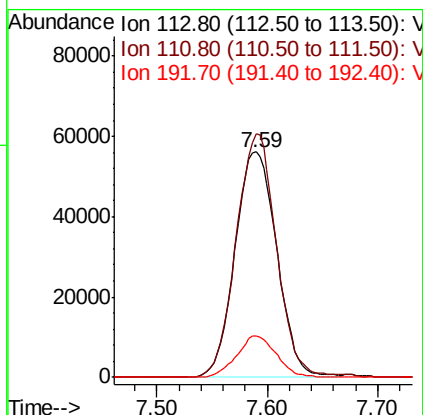
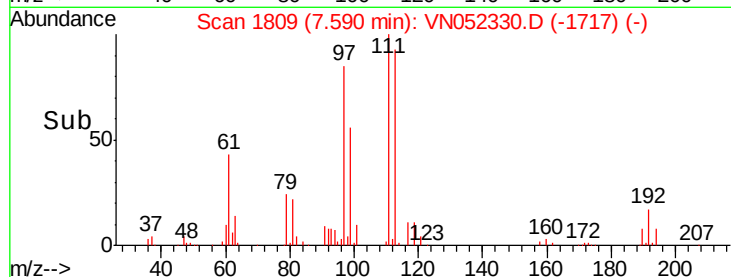
192 17.4 13.8 20.6



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: 51.786 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

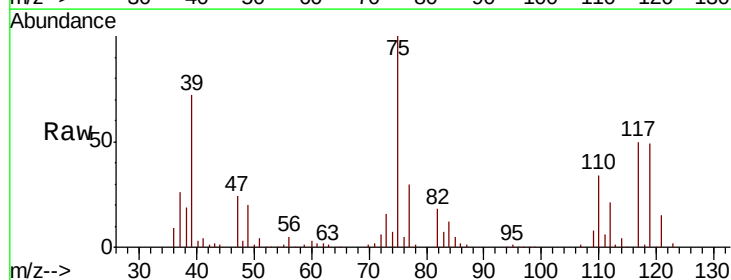
Tgt Ion: 75 Resp: 240391

Ion Ratio Lower Upper

75 100

110 33.7 16.5 49.5

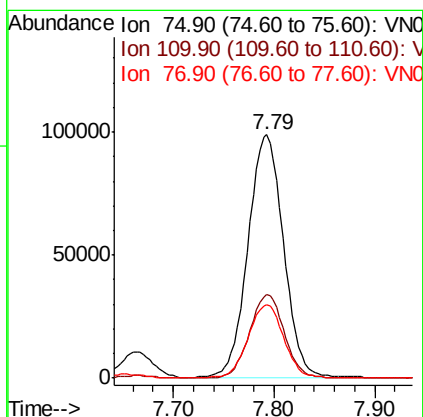
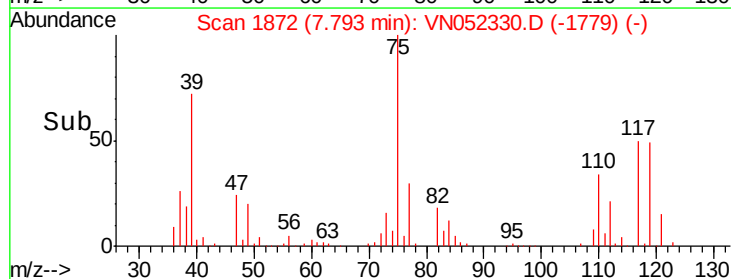
77 30.5 24.2 36.2

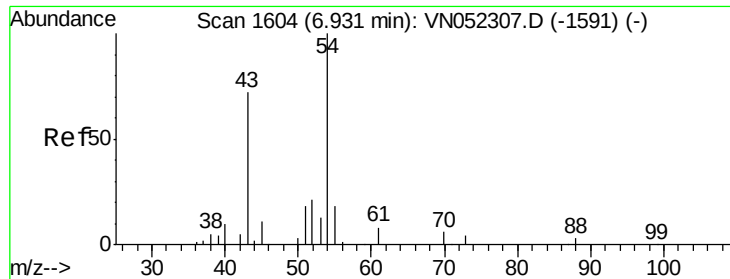


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

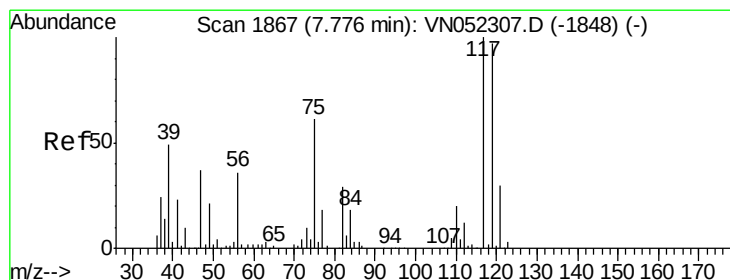
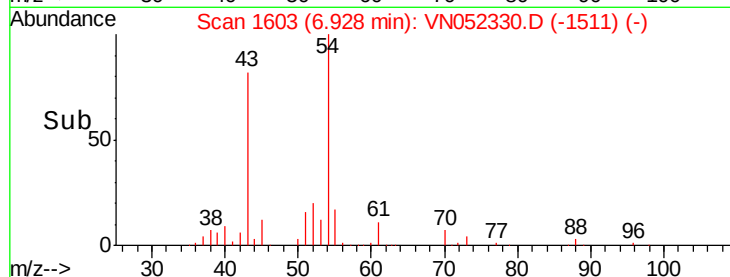
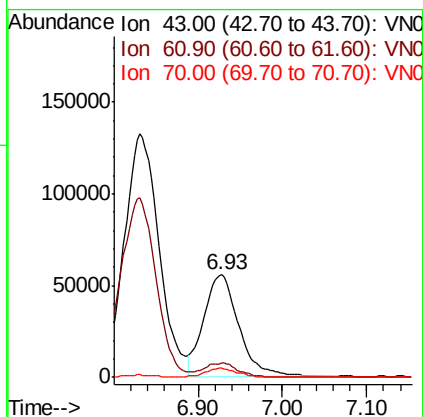
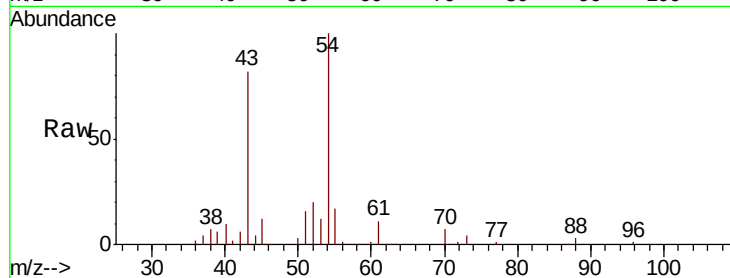




#37
Ethyl Acetate
Concen: 47.629 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

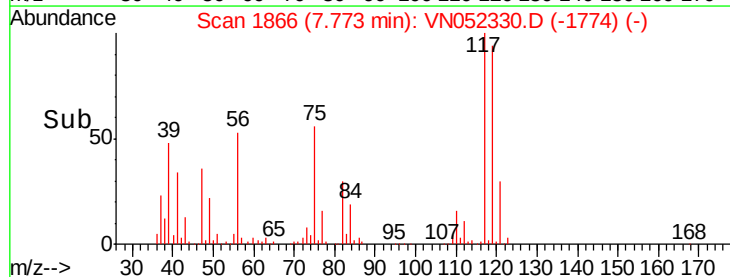
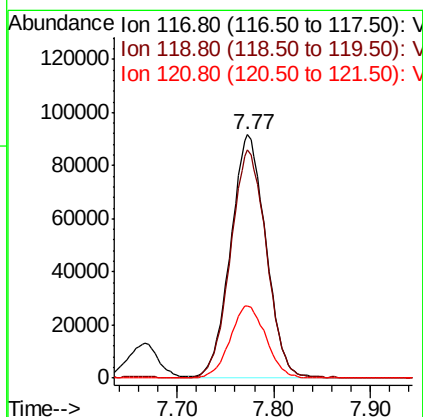
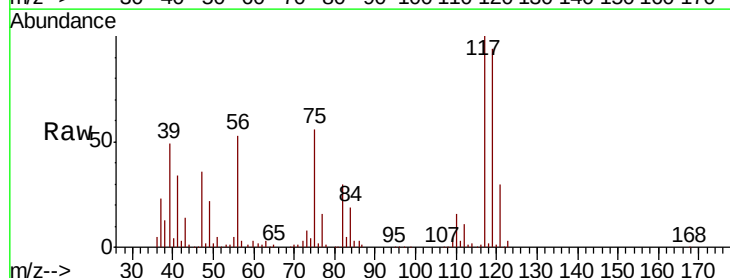
Instrument :
MSVOA_N
ClientSampled :

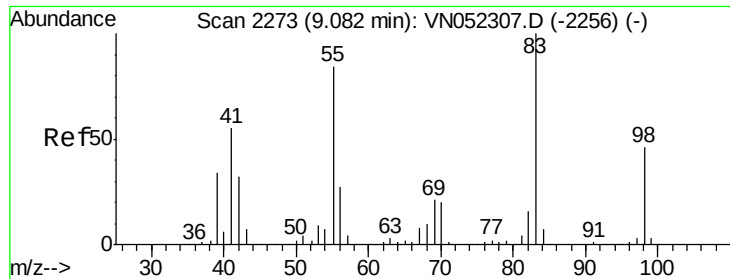
Tot Ion: 43 Resp: 160457
Ion Ratio Lower Upper
43 100
61 13.0 10.3 15.5
70 8.4 5.6 8.4



#38
Carbon Tetrachloride
Concen: 54.512 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 117 Resp: 232478
Ion Ratio Lower Upper
117 100
119 93.4 77.4 116.0
121 29.8 24.0 36.0

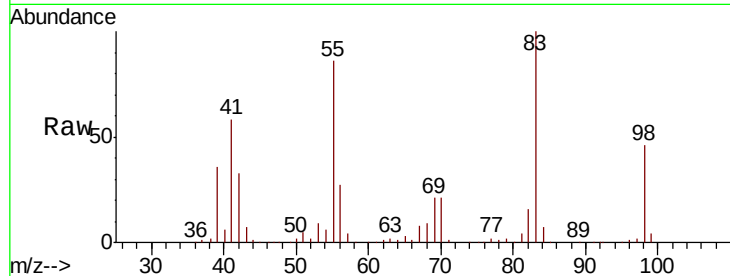




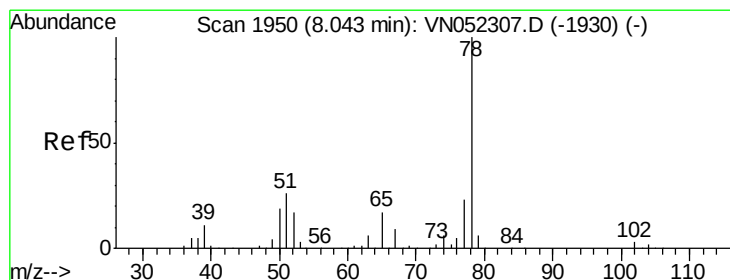
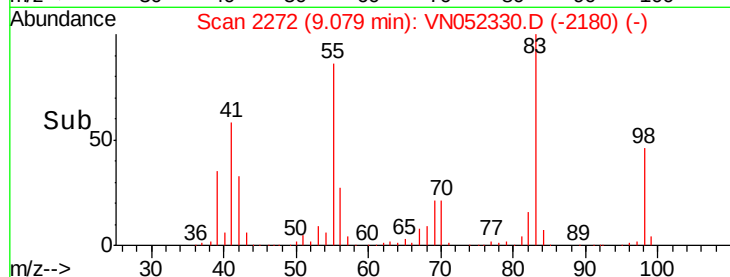
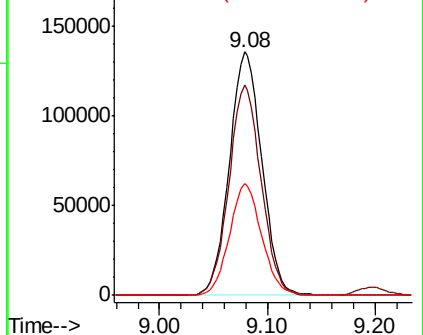
#39
Methylvlcyclohexane
Concen: 53.535 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 283689
Ion Ratio Lower Upper
83 100
55 86.2 66.8 100.2
98 45.7 36.4 54.6

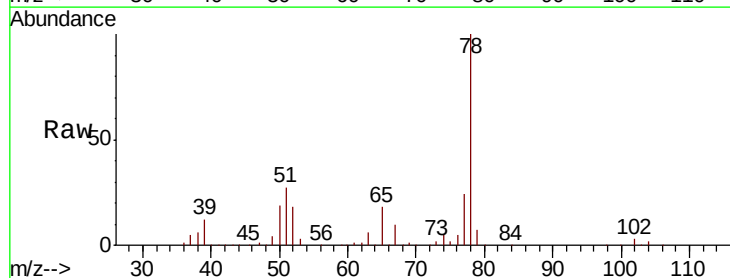


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

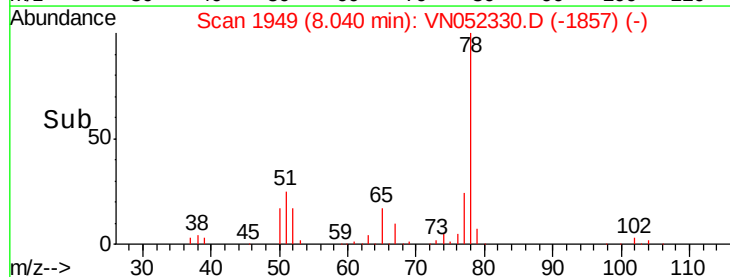
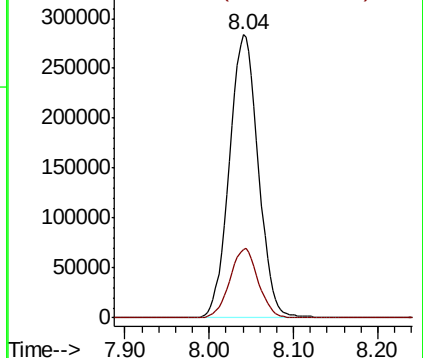


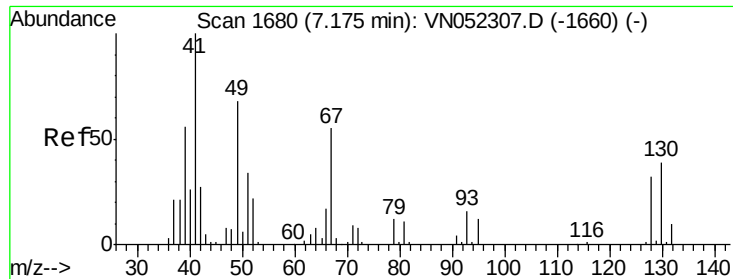
#40
Benzene
Concen: 51.025 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 78 Resp: 676650
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

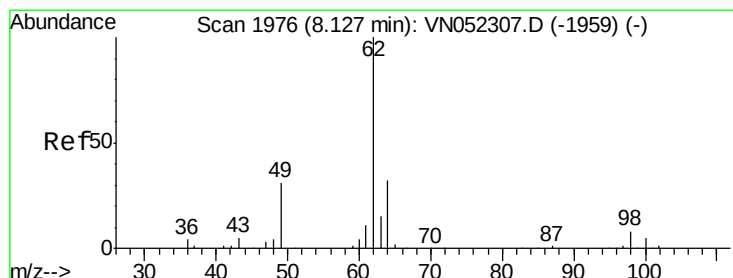
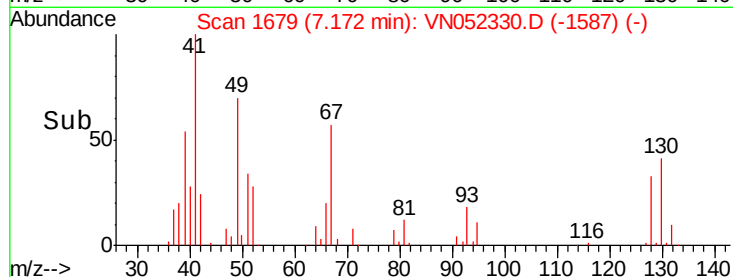
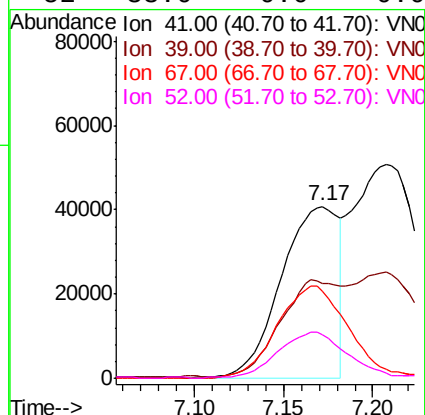
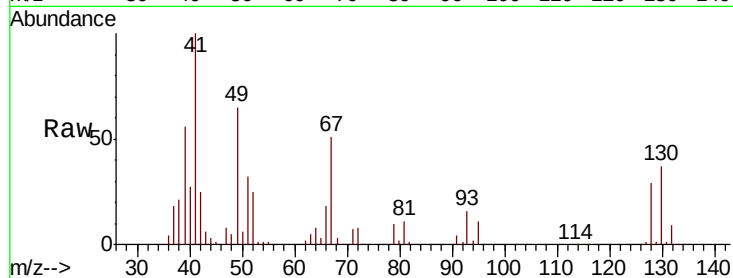




#41
Methacrylonitrile
Concen: 48.951 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

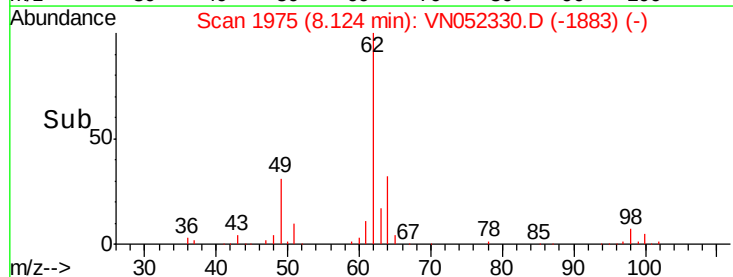
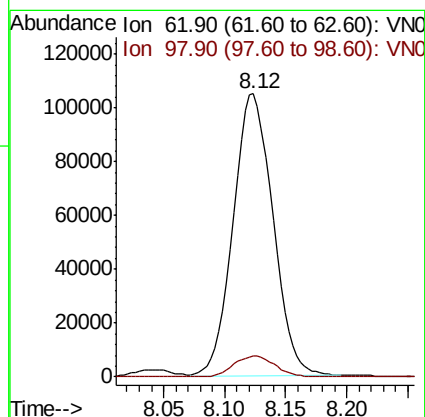
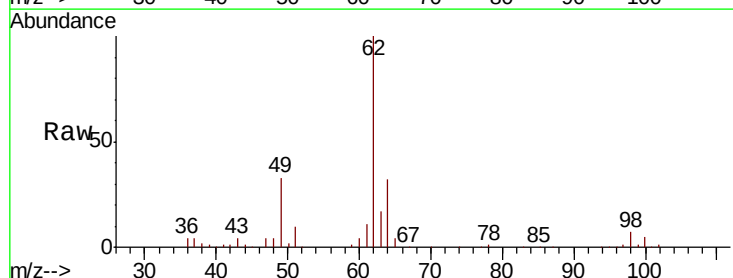
Instrument :
MSVOA_N
ClientSampled :

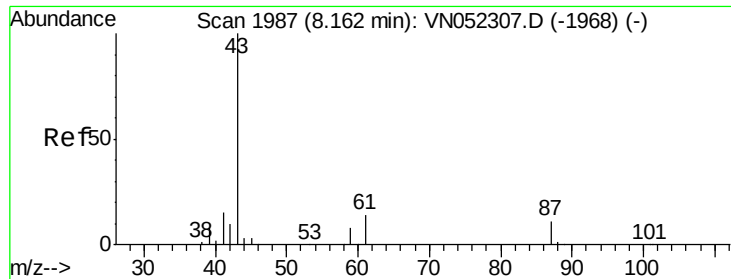
Tot Ion:	41	Resp:	91434
Ion	Ratio	Lower	Upper
41	100		
39	56.4	0.0	0.0#
67	66.6	0.0	0.0#
52	33.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 50.248 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion:	62	Resp:	237616
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.6





#43

Isopropyl Acetate

Concen: 45.573 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

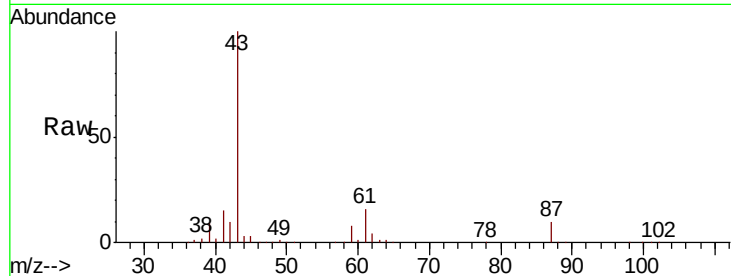
Tot Ion: 43 Resp: 296261

Ion Ratio Lower Upper

43 100

61 15.8 12.0 18.0

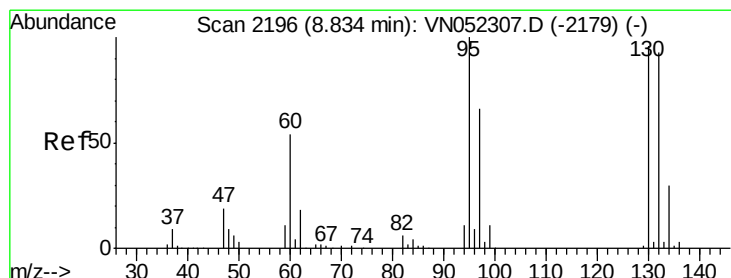
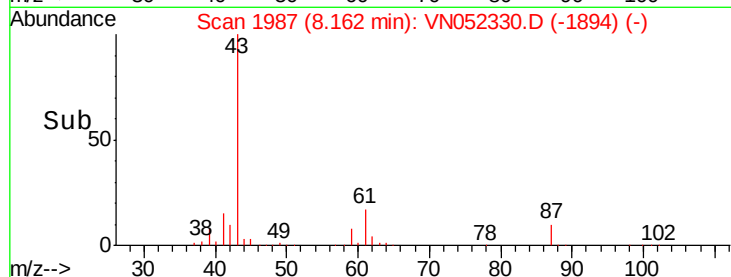
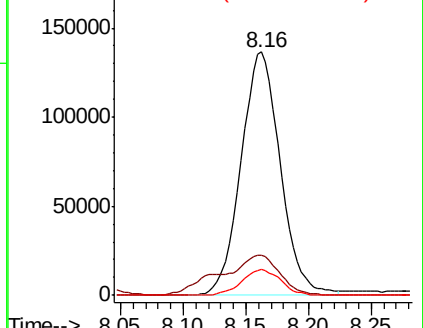
87 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052330.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052330.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052330.D (-1968) (-)



#44

Trichloroethene

Concen: 52.528 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN052330.D

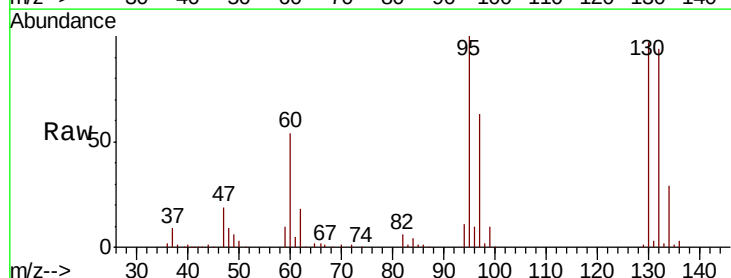
Acq: 15 Nov 2018 8:19

Tgt Ion:130 Resp: 171586

Ion Ratio Lower Upper

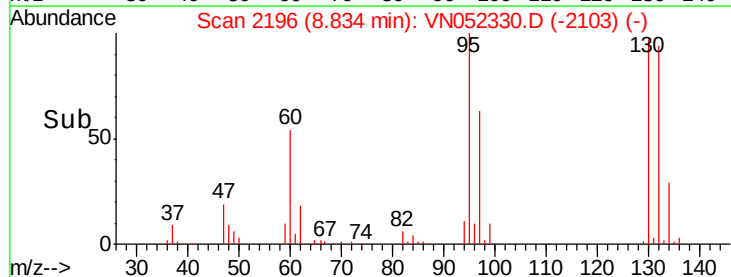
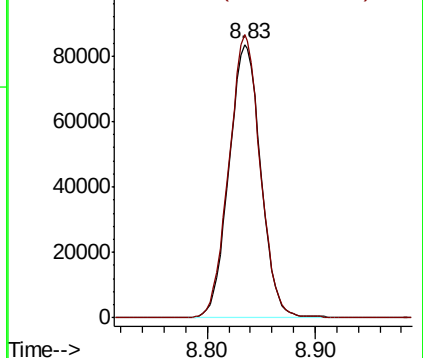
130 100

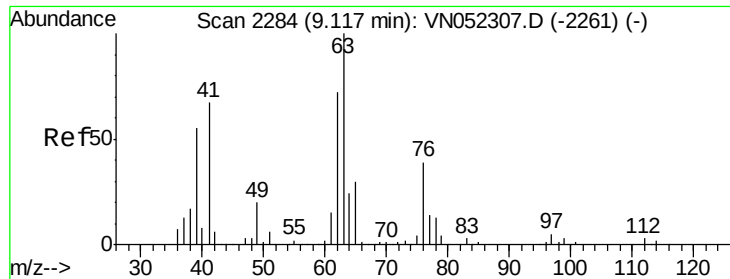
95 103.4 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052330.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052330.D (-2179) (-)

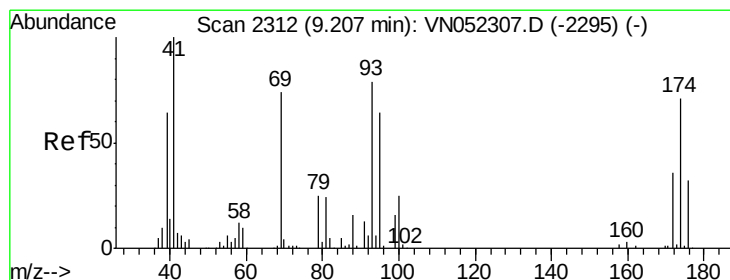
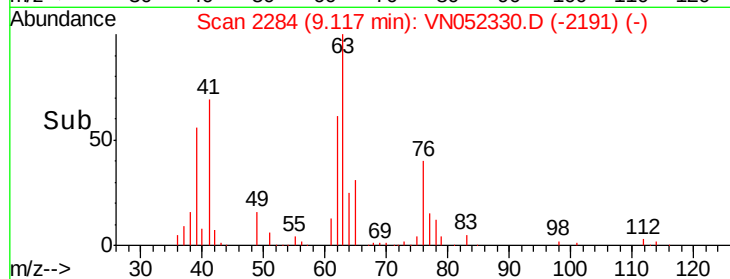
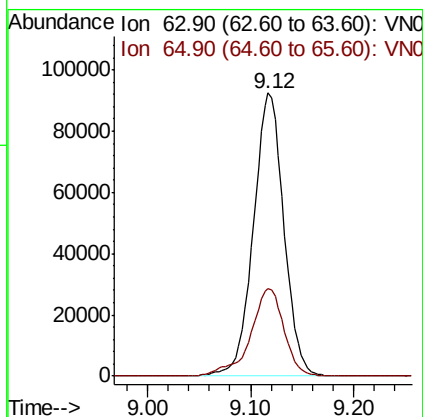
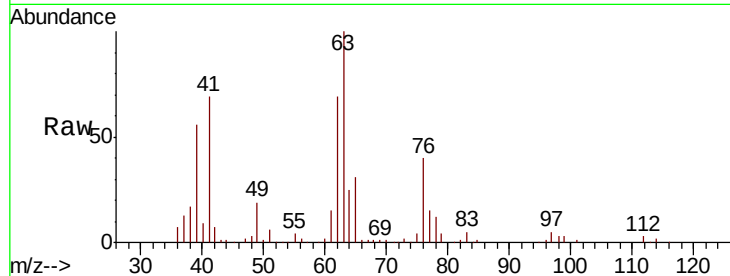




#45
 1,2-Dichloropropane
 Concen: 50.146 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

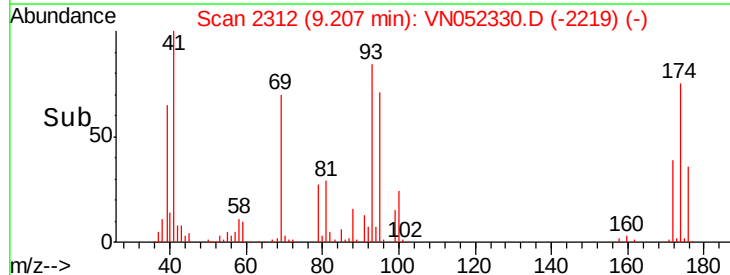
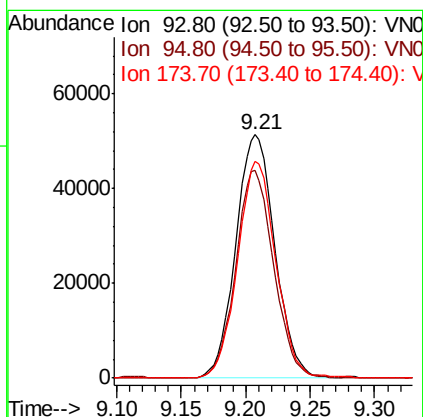
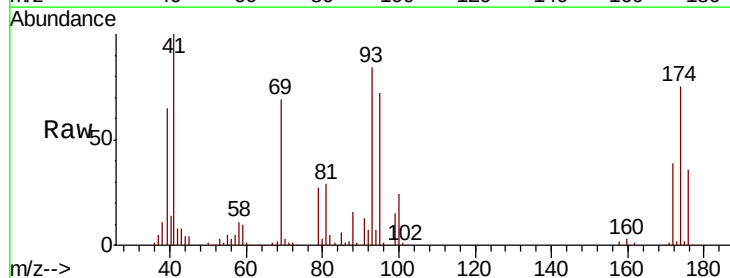
Instrument :
 MSVOA_N
 ClientSampled :

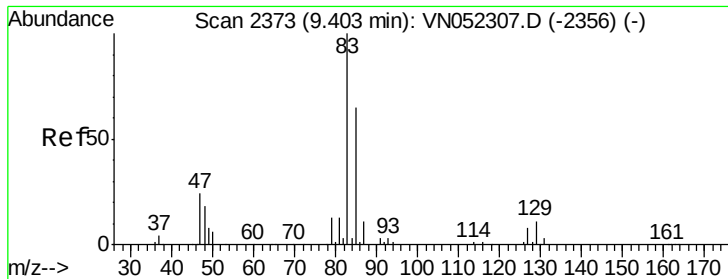
Tot Ion: 63 Resp: 188721
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.4



#46
 Dibromomethane
 Concen: 49.747 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 93 Resp: 108383
 Ion Ratio Lower Upper
 93 100
 95 82.8 64.2 96.2
 174 87.2 70.9 106.3





#47

Bromodichloromethane

Concen: 53.011 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

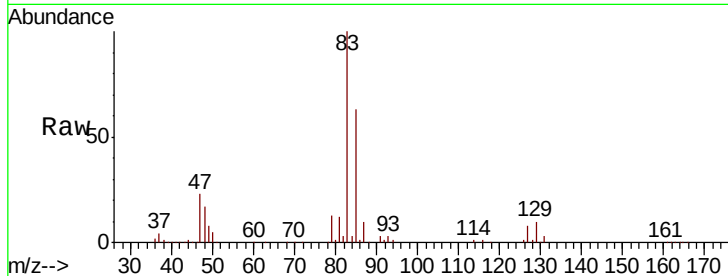
Tot Ion: 83 Resp: 237002

Ion Ratio Lower Upper

83 100

85 63.2 52.2 78.4

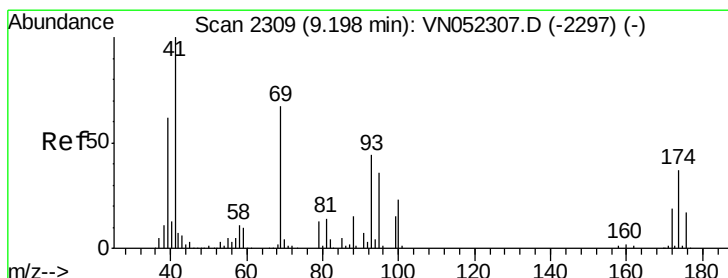
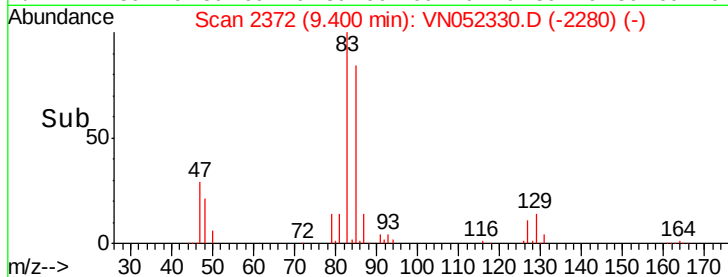
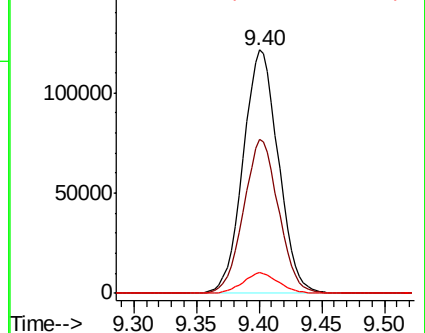
127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 46.679 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

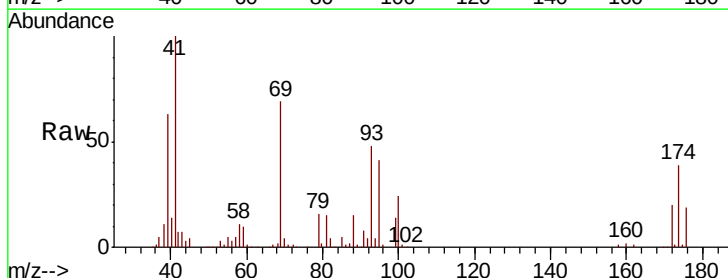
Tgt Ion: 41 Resp: 153978

Ion Ratio Lower Upper

41 100

69 71.0 57.1 85.7

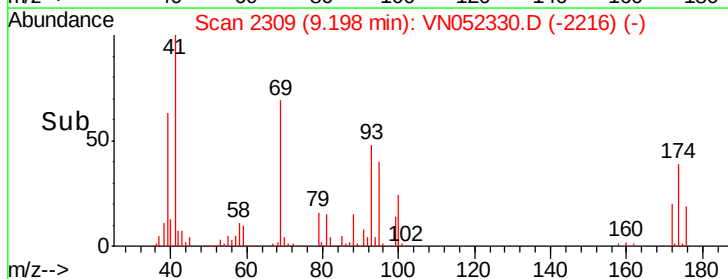
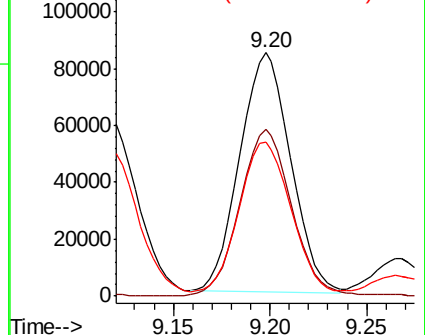
39 66.1 52.5 78.7

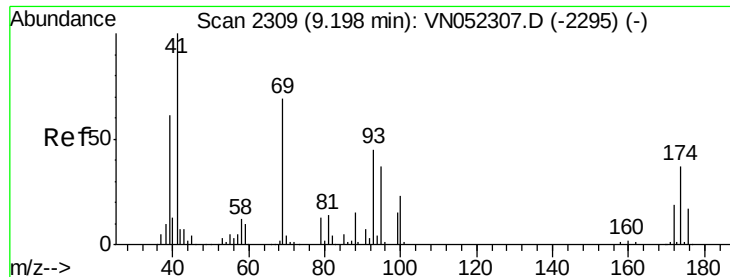


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

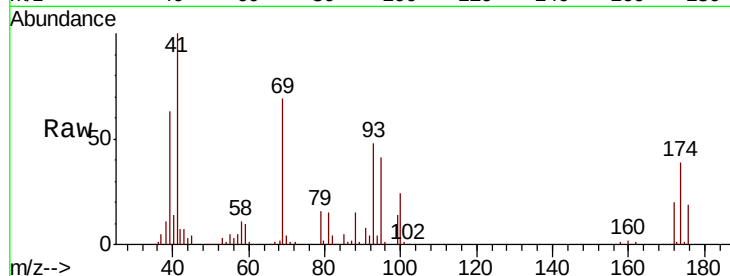




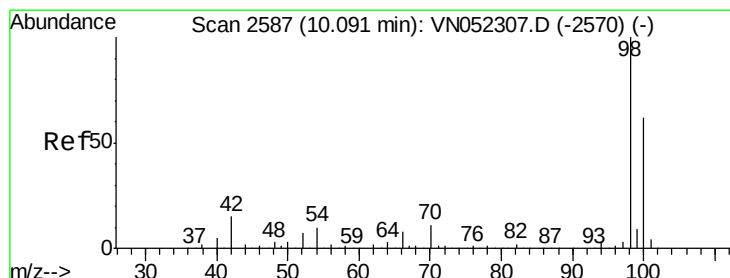
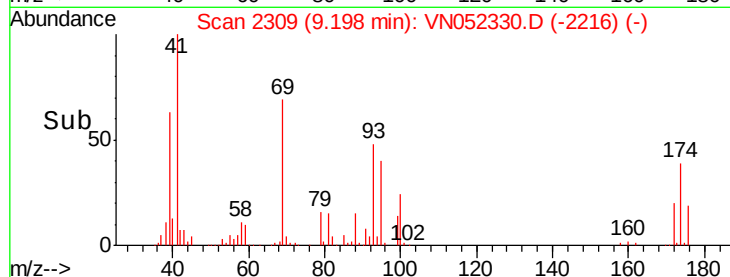
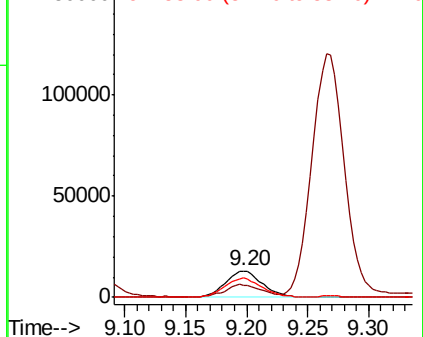
#49
1,4-Dioxane
Concen: 1091.342 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 27635
Ion Ratio Lower Upper
88 100
43 43.6 33.3 49.9
58 73.3 59.2 88.8

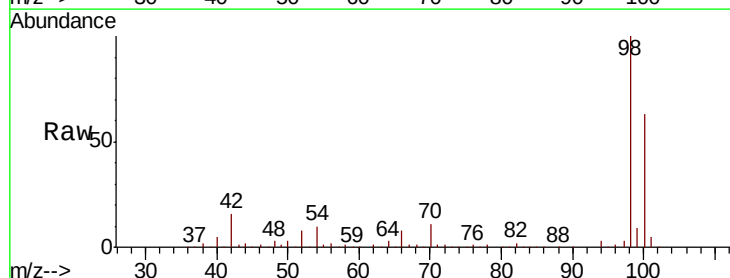


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

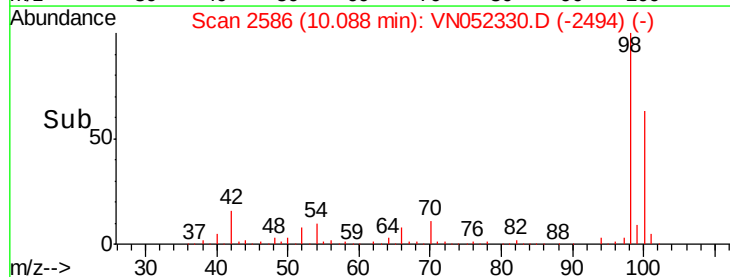
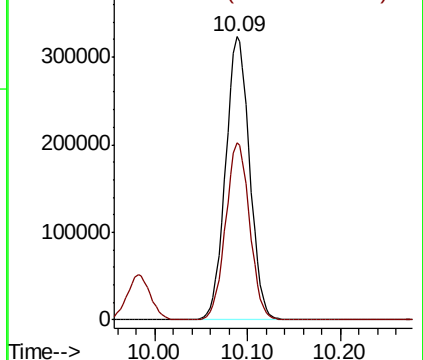


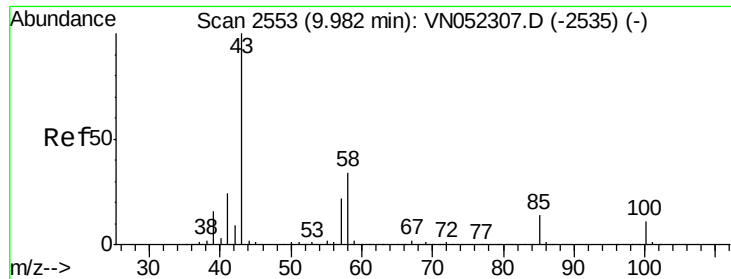
#50
Toluene-d8
Concen: 1091.342 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 98 Resp: 579952
Ion Ratio Lower Upper
98 100
100 62.4 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 244.843 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

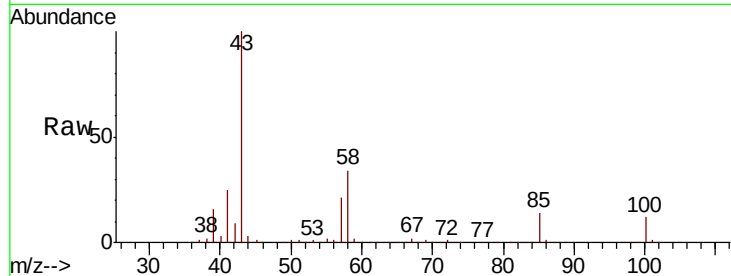
ClientSampled :

Tot Ion: 43 Resp: 801207

Ion Ratio Lower Upper

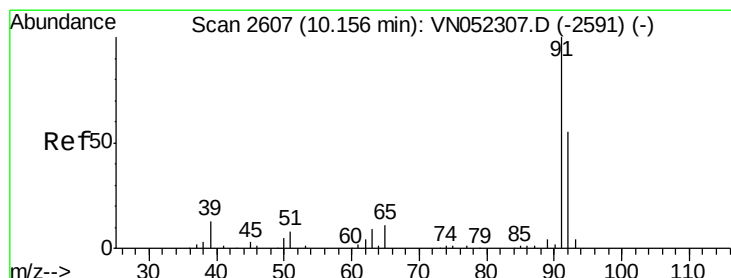
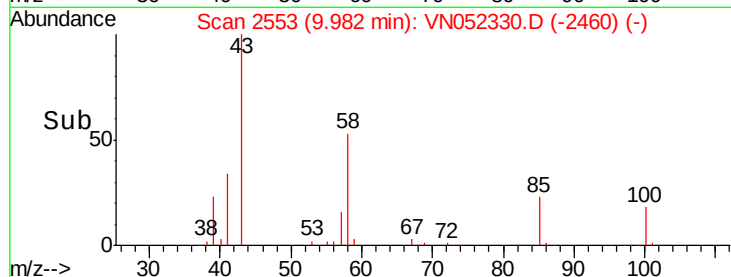
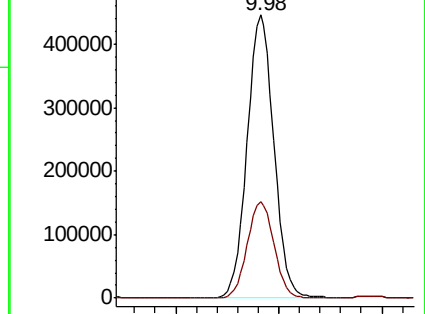
43 100

58 34.2 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.908 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052330.D

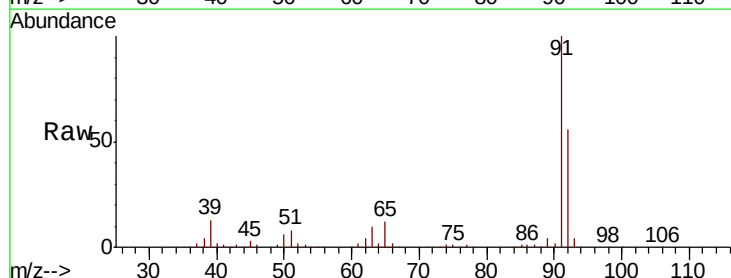
Acq: 15 Nov 2018 8:19

Tgt Ion: 92 Resp: 411786

Ion Ratio Lower Upper

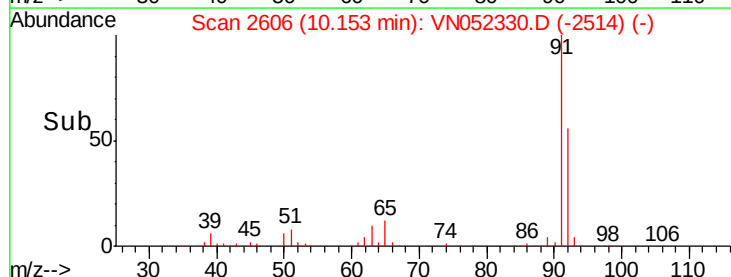
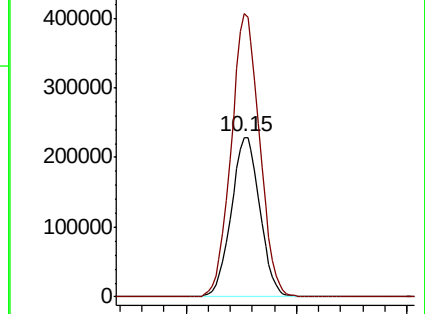
92 100

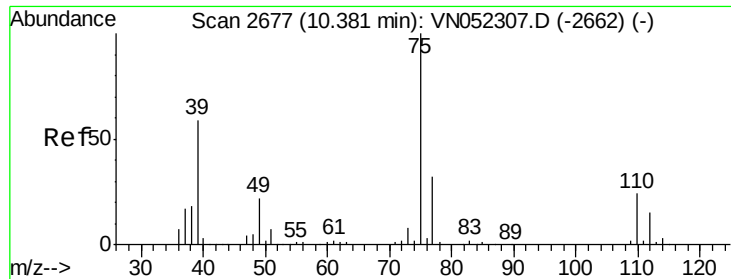
91 176.6 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 53.096 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

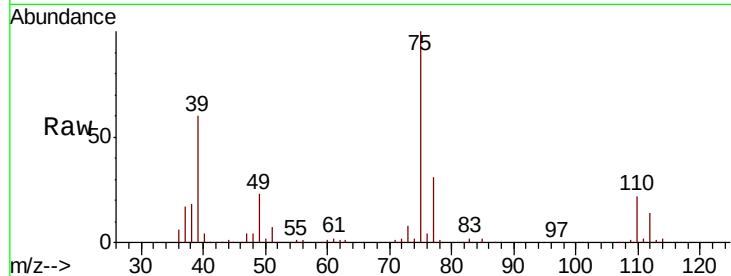
ClientSampled :

Tot Ion: 75 Resp: 239413

Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

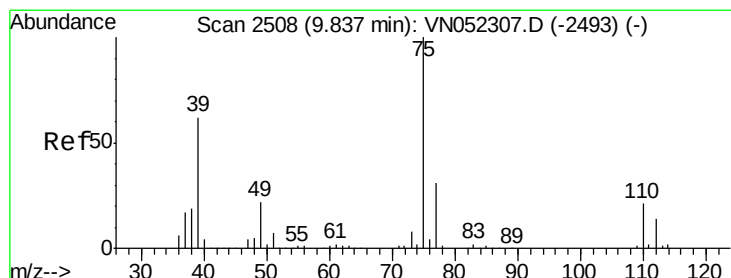
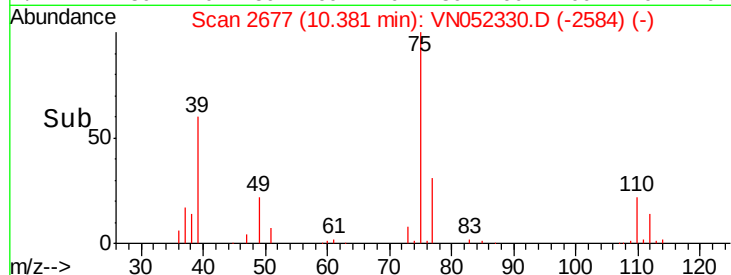
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.707 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

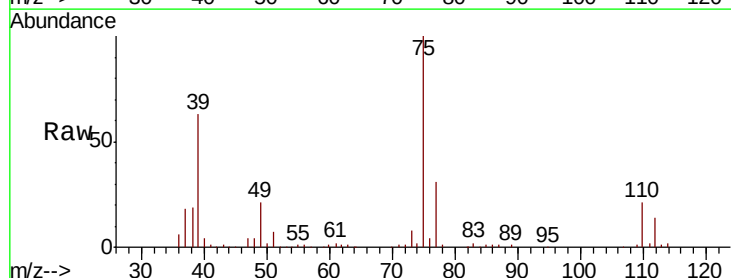
Tgt Ion: 75 Resp: 276065

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 62.6 49.9 74.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

200000

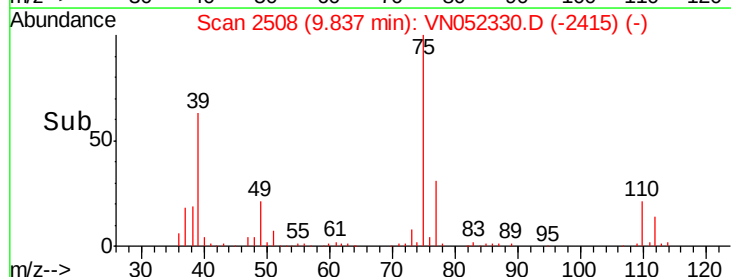
150000

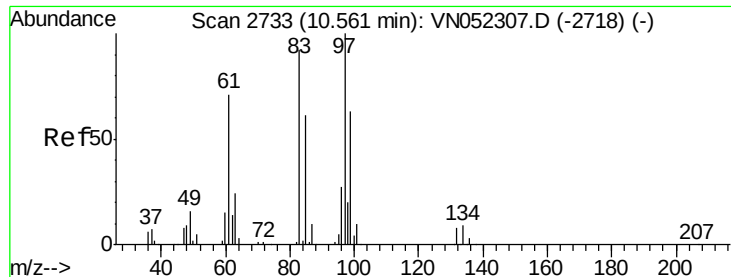
100000

50000

0

Time-->

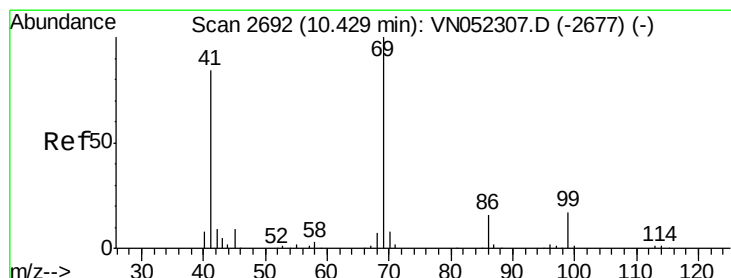
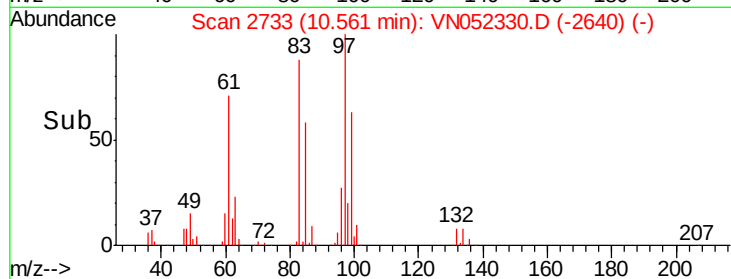
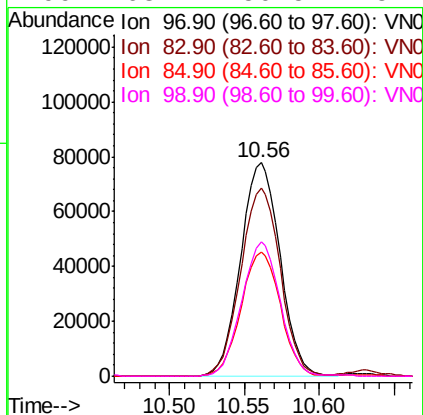
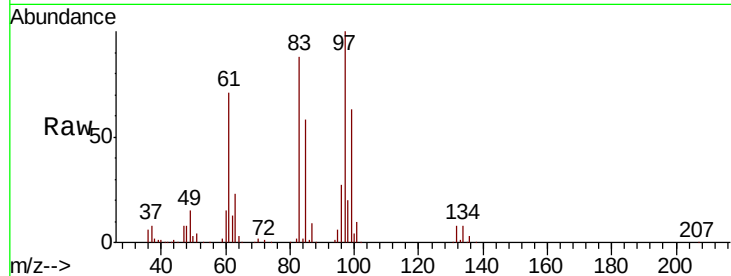




#55
 1,1,2-Trichloroethane
 Concen: 49.706 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

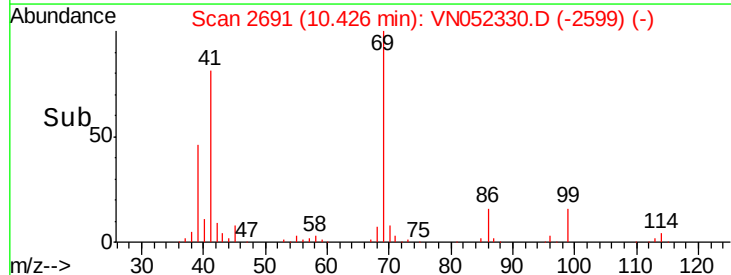
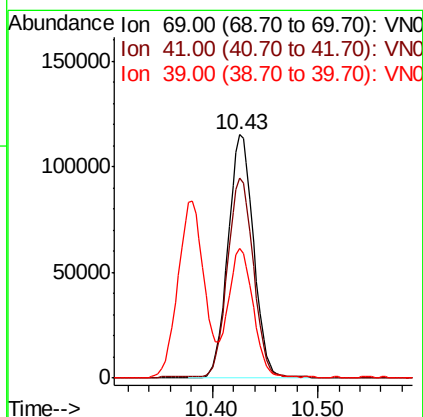
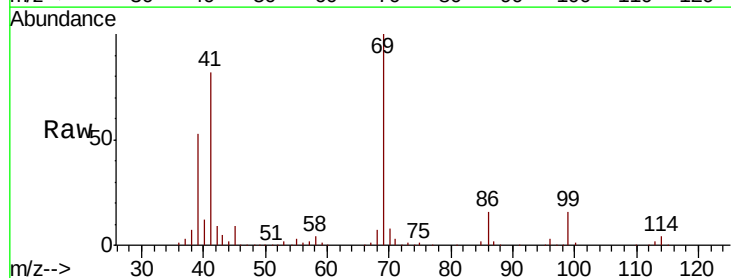
Instrument :
 MSVOA_N
 ClientSampled :

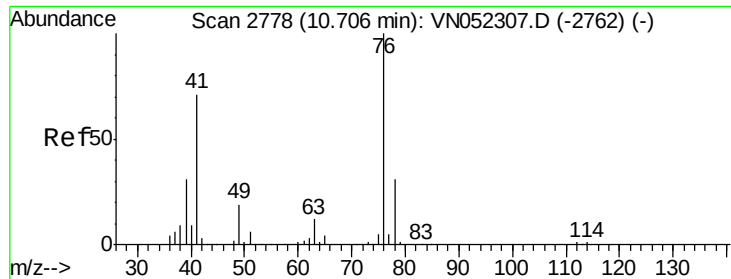
Tot Ion	97	Resp	142946
Ion	Ratio	Lower	Upper
97	100		
83	87.8	73.8	110.6
85	58.2	49.0	73.4
99	63.2	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 51.117 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion	69	Resp	193328
Ion	Ratio	Lower	Upper
69	100		
41	82.8	64.8	97.2
39	52.2	41.0	61.6

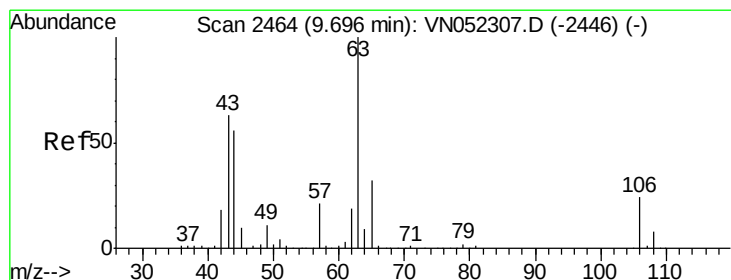
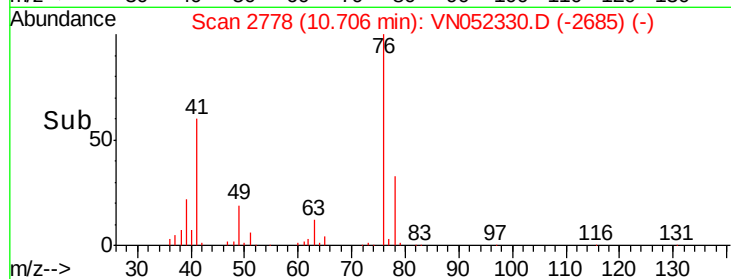
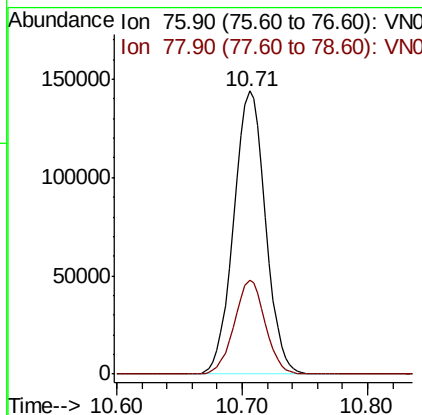
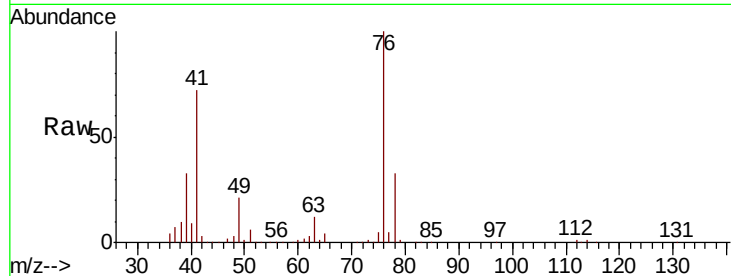




#57
 1,3-Dichloropropane
 Concen: 49.790 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

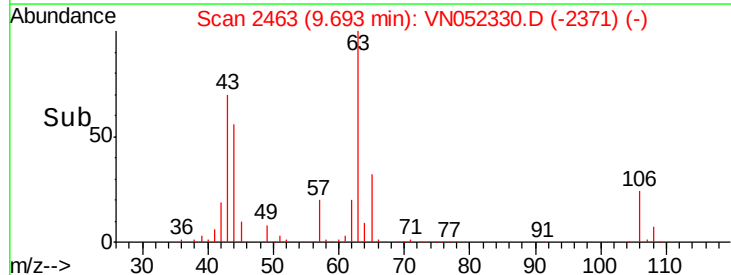
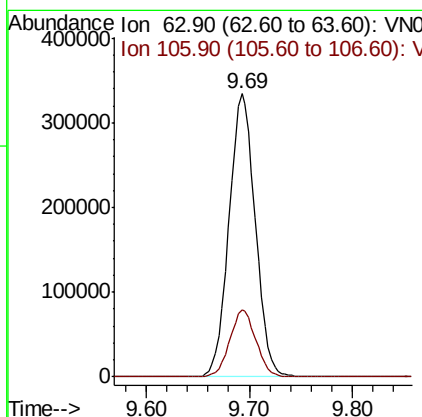
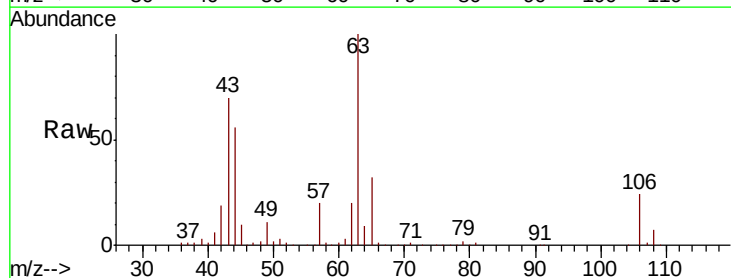
Instrument :
 MSVOA_N
 ClientSampled :

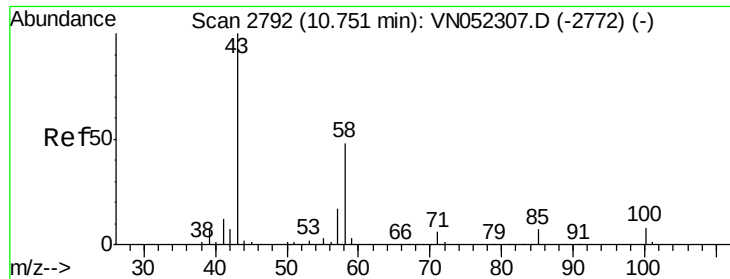
Tot Ion: 76 Resp: 253622
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.830 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 63 Resp: 593927
 Ion Ratio Lower Upper
 63 100
 106 23.4 19.3 28.9

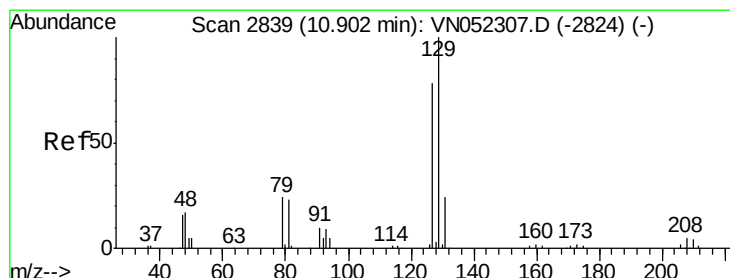
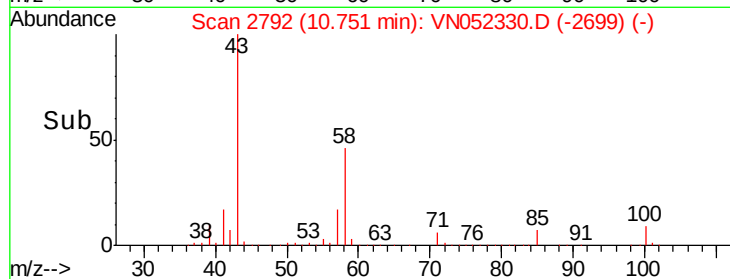
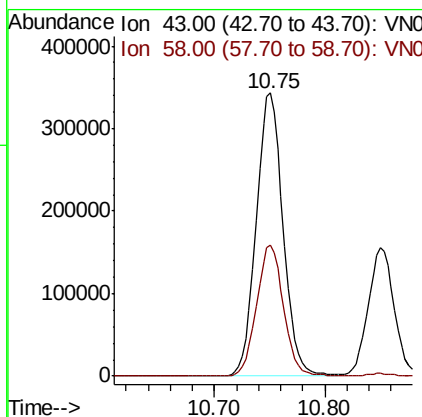
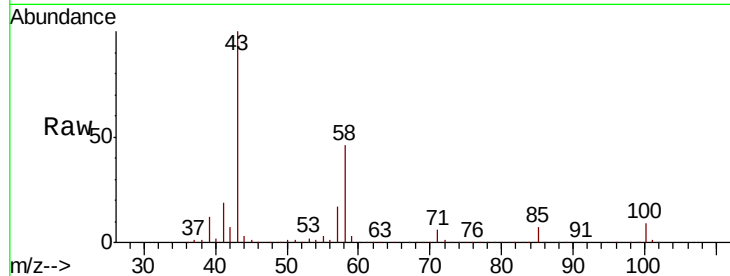




#59
2-Hexanone
Concen: 256.807 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

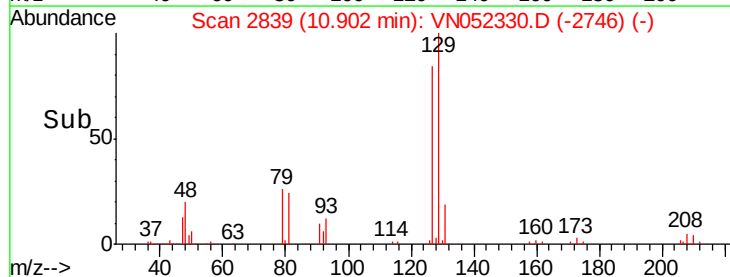
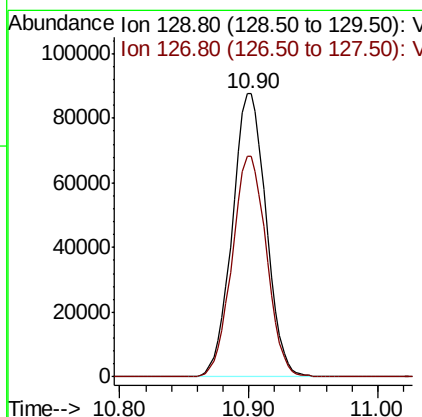
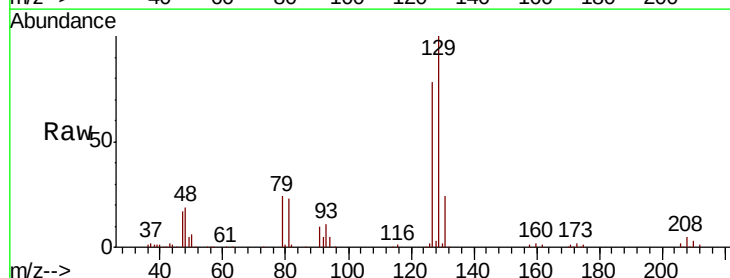
Instrument :
MSVOA_N
ClientSampleId :

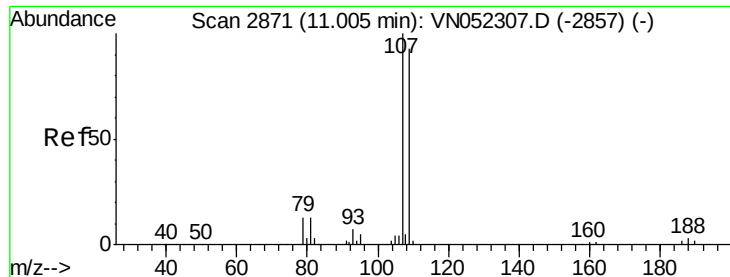
Tot Ion: 43 Resp: 578024
Ion Ratio Lower Upper
43 100
58 46.6 23.5 70.6



#60
Dibromochloromethane
Concen: 51.278 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 129 Resp: 159550
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.5

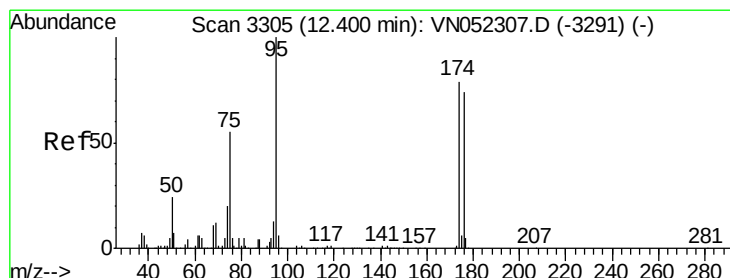
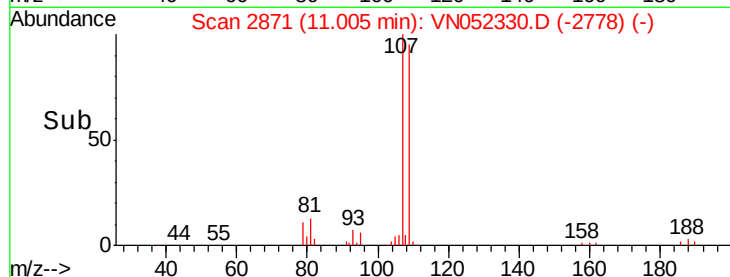
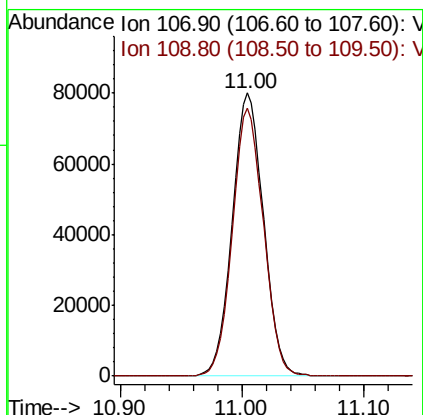
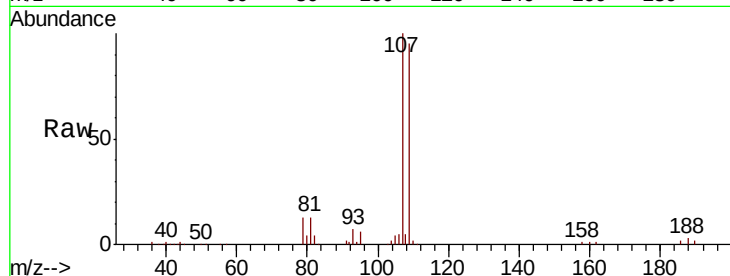




#61
 1,2-Dibromoethane
 Concen: 49.584 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

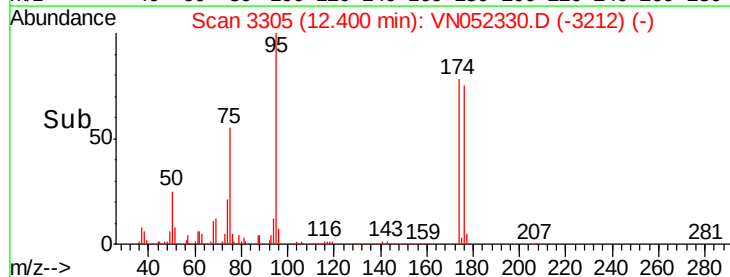
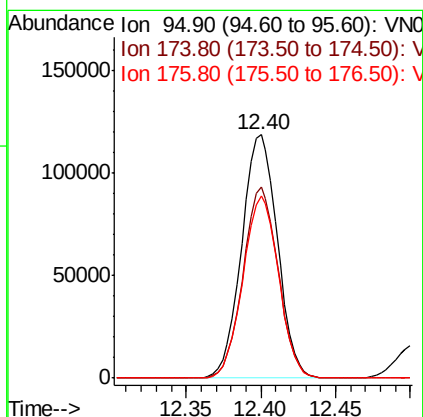
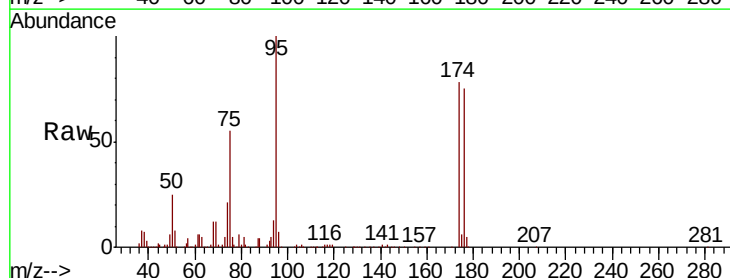
Instrument :
 MSVOA_N
 ClientSampleId :

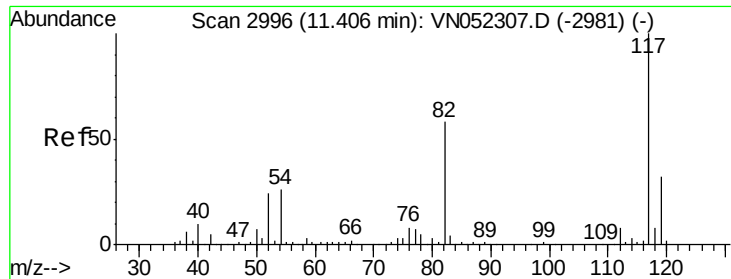
Tot Ion: 107 Resp: 142041
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 49.584 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 95 Resp: 197603
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 156.0
 176 74.6 0.0 148.4

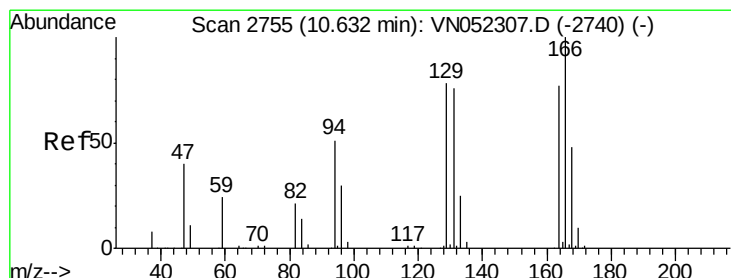
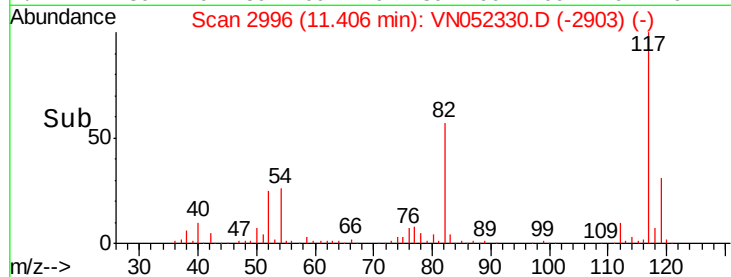
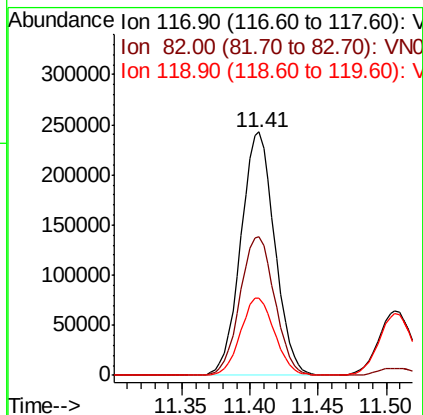
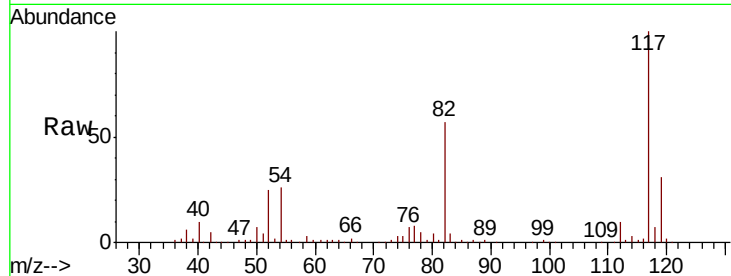




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

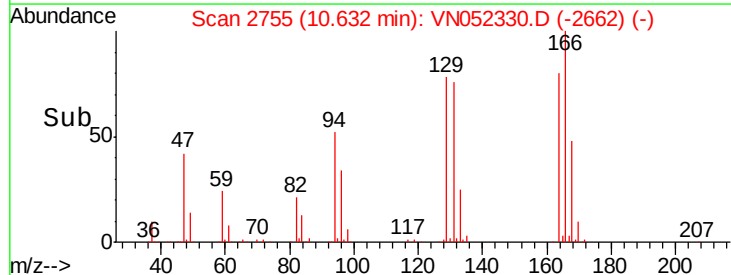
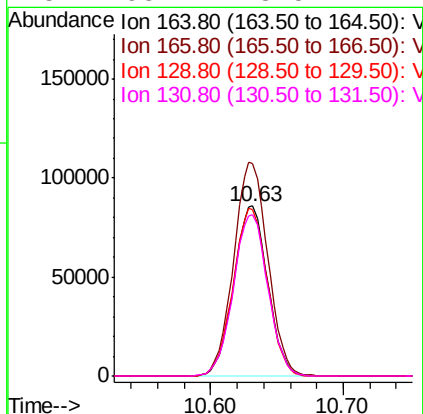
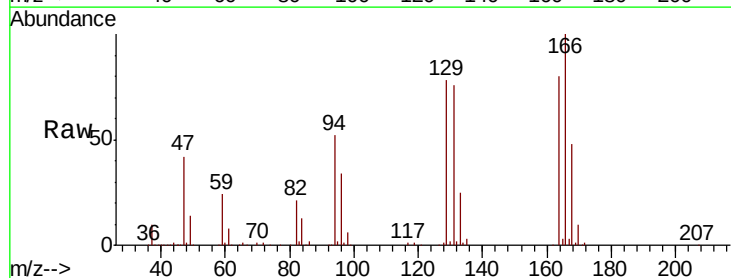
Instrument :
MSVOA_N
ClientSampleId :

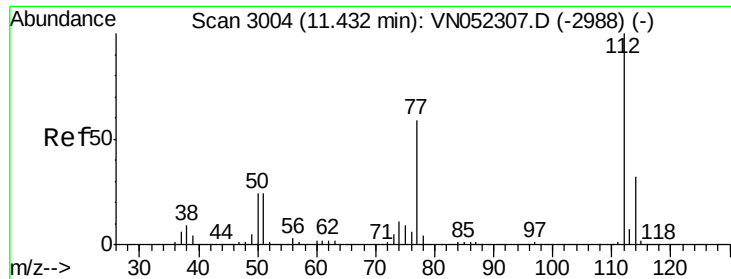
Tot Ion:117 Resp: 418817
Ion Ratio Lower Upper
117 100
82 56.8 46.5 69.7
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 51.241 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion:164 Resp: 152570
Ion Ratio Lower Upper
164 100
166 125.4 103.8 155.6
129 98.2 80.7 121.1
131 95.2 78.5 117.7

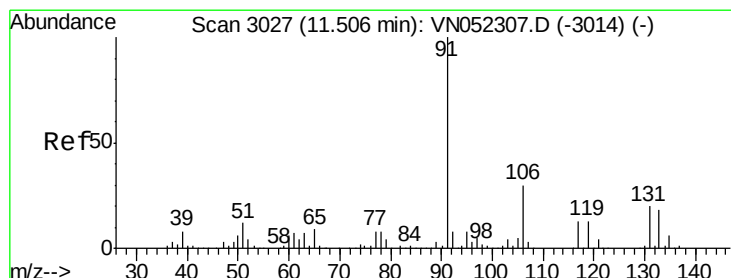
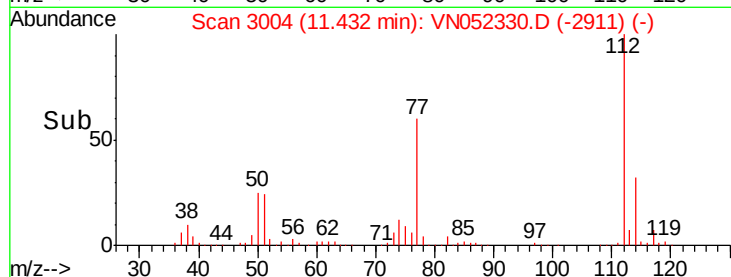
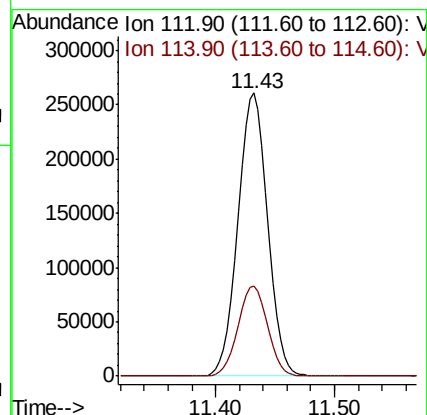
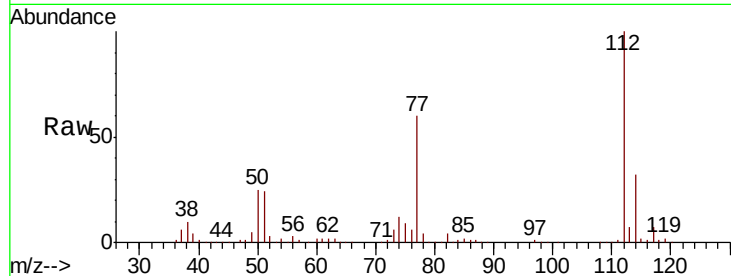




#65
Chlorobenzene
Concen: 50.744 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

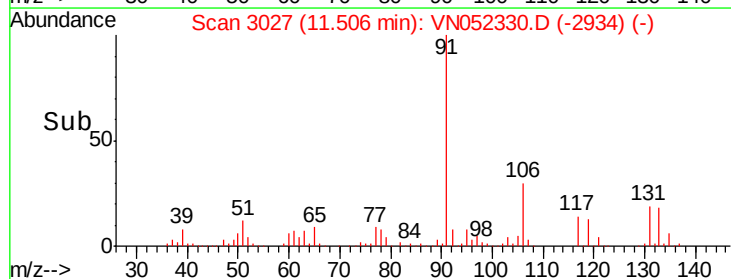
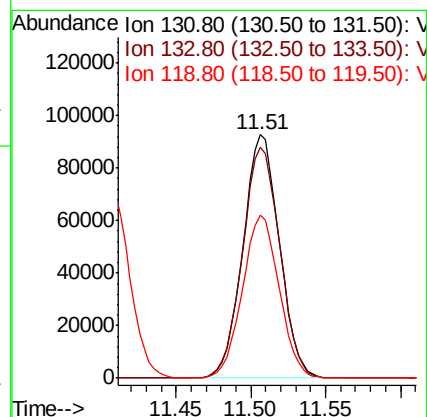
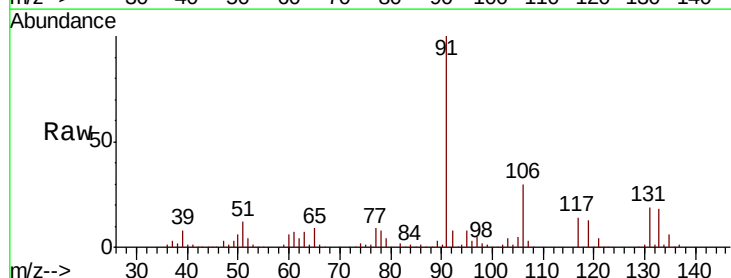
Instrument :
MSVOA_N
ClientSampled :

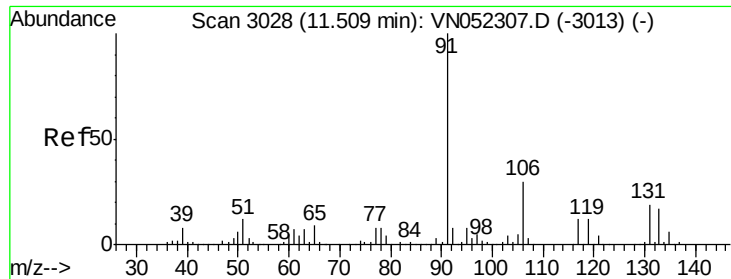
Tot Ion:112 Resp: 449221
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.243 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion:131 Resp: 157714
Ion Ratio Lower Upper
131 100
133 97.0 47.4 142.3
119 67.5 33.3 99.9

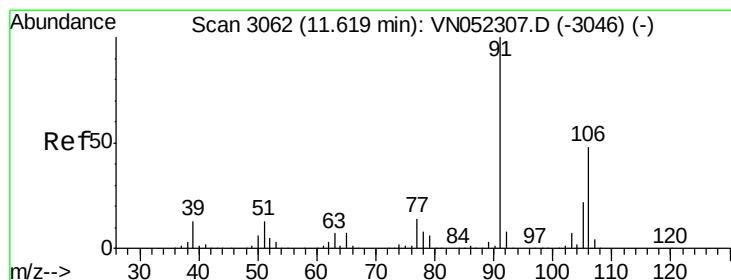
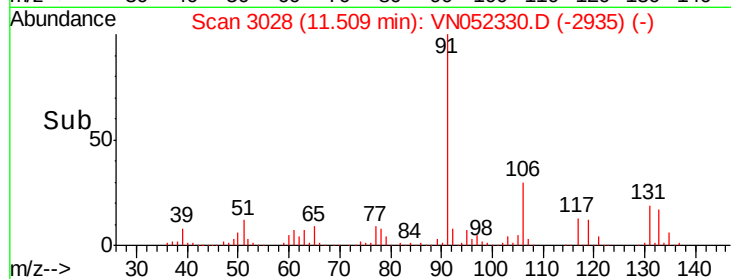
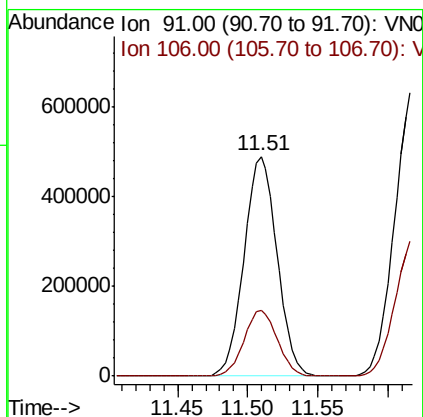
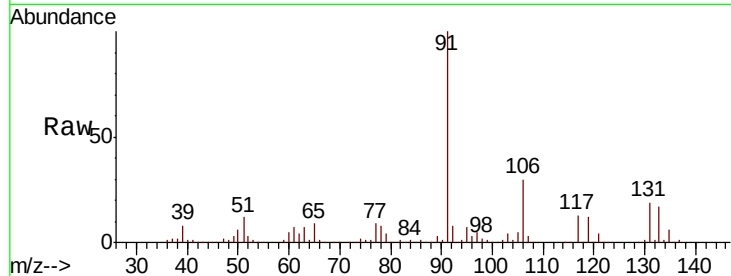




#67
Ethyl Benzene
Concen: 52.351 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

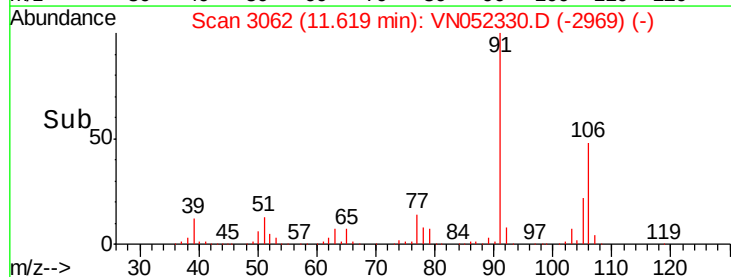
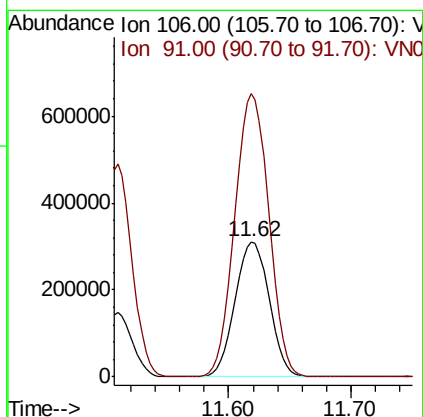
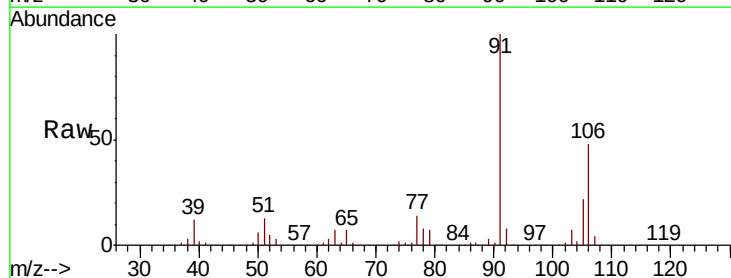
Instrument :
MSVOA_N
ClientSampleId :

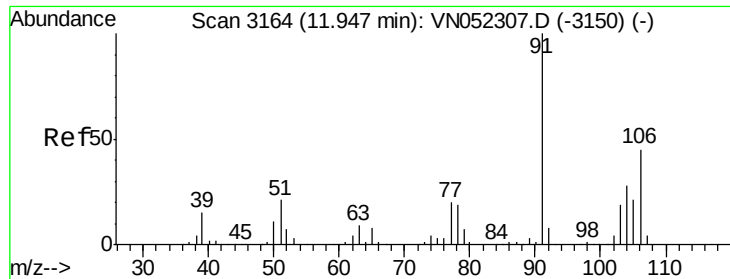
Tot Ion: 91 Resp: 804372
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2



#68
m/p-Xylenes
Concen: 107.146 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 106 Resp: 601517
Ion Ratio Lower Upper
106 100
91 209.6 165.5 248.3

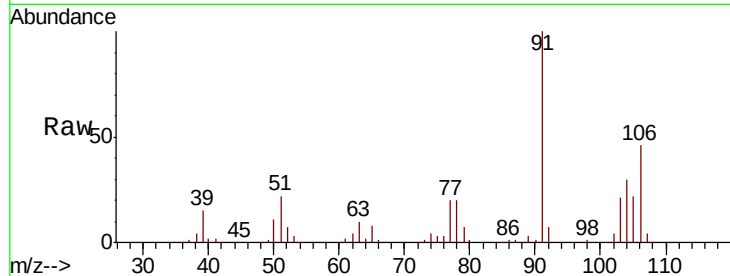




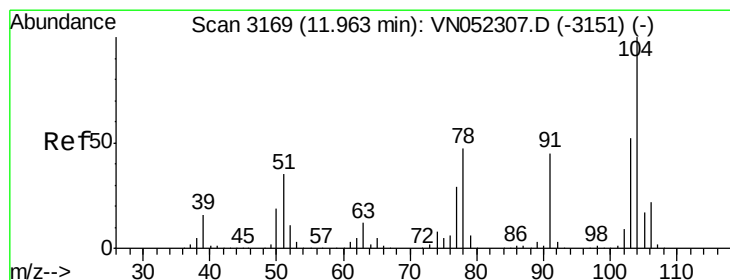
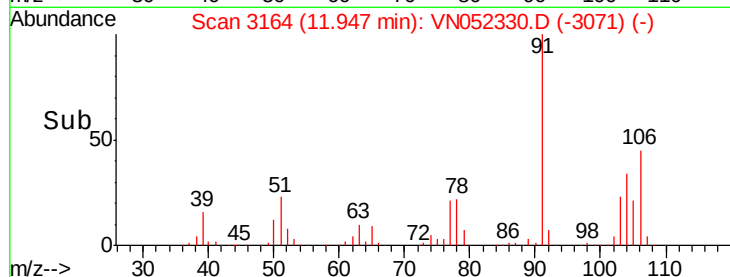
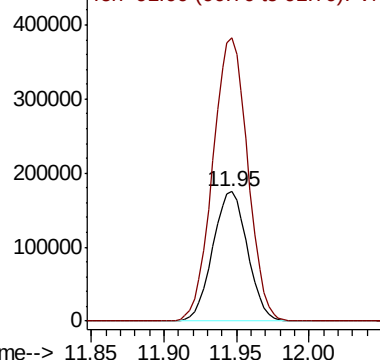
#69
o-Xylene
Concen: 54.245 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 291916
Ion Ratio Lower Upper
106 100
91 219.5 110.0 330.0

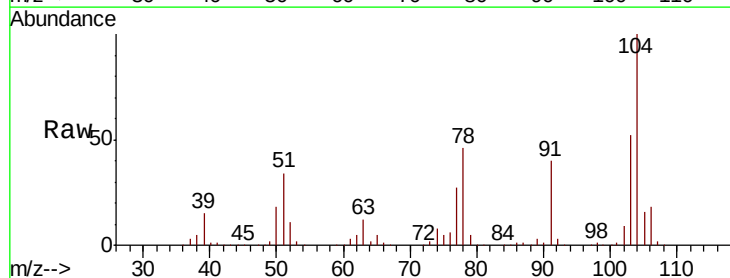


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

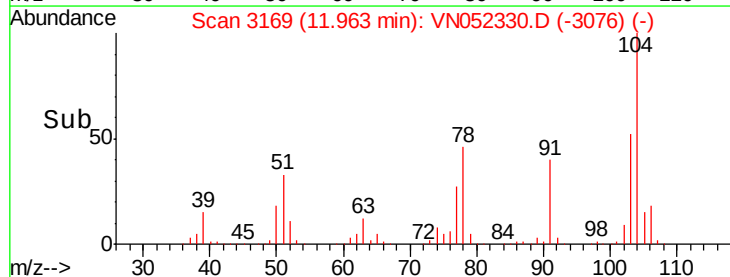
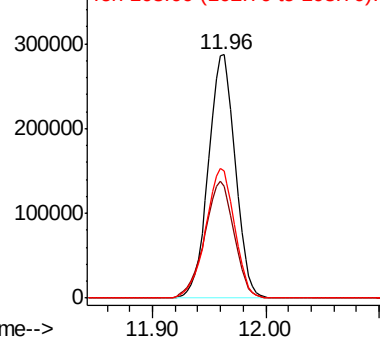


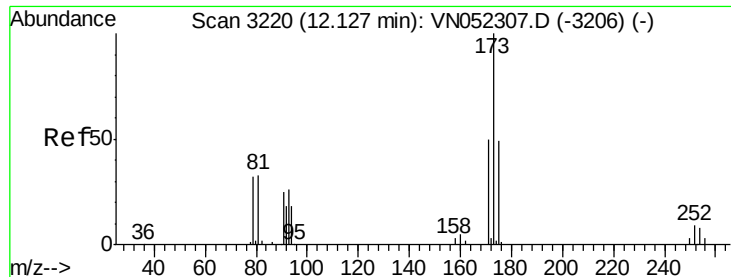
#70
Styrene
Concen: 55.180 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion:104 Resp: 475476
Ion Ratio Lower Upper
104 100
78 52.8 42.7 64.1
103 57.2 45.4 68.0



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: 53.295 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampled :

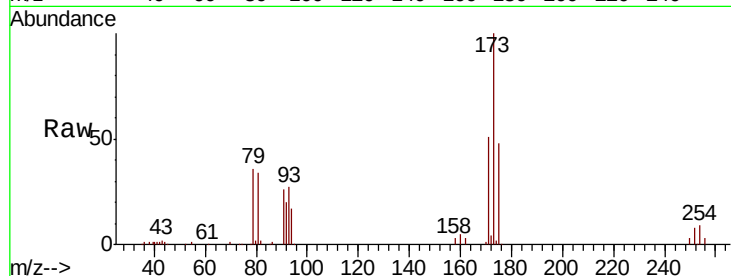
Tot Ion:173 Resp: 94994

Ion Ratio Lower Upper

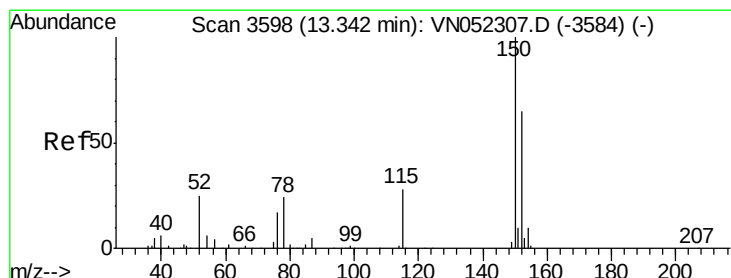
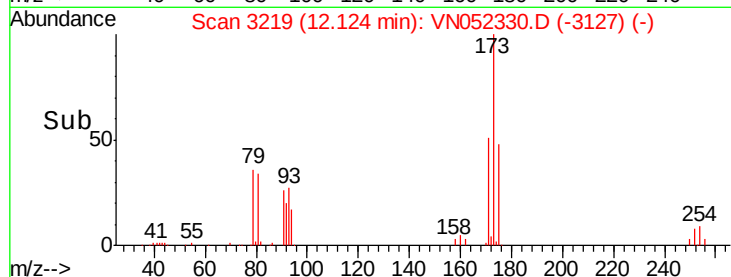
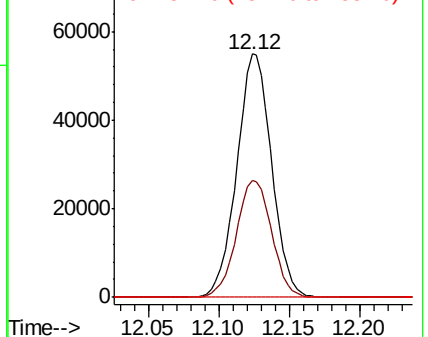
173 100

175 48.6 25.0 75.0

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: VN052330.D

Acq: 15 Nov 2018 8:19

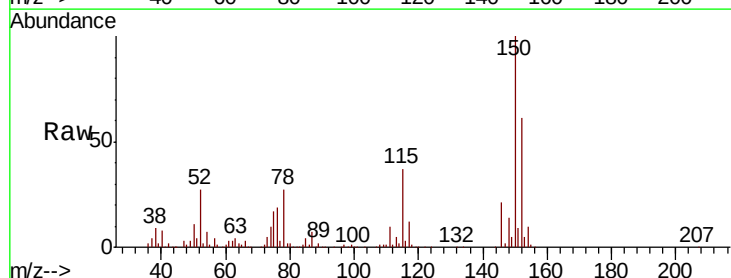
Tgt Ion:152 Resp: 193545

Ion Ratio Lower Upper

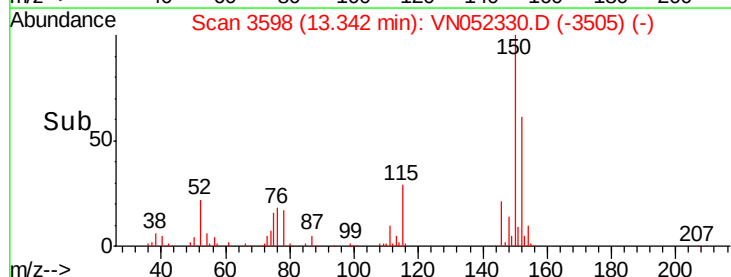
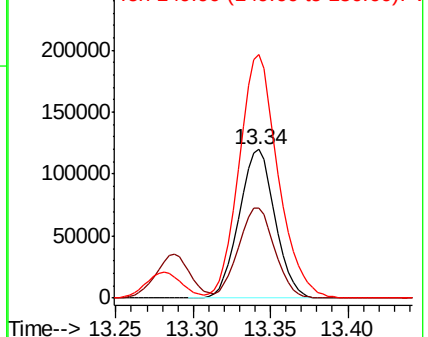
152 100

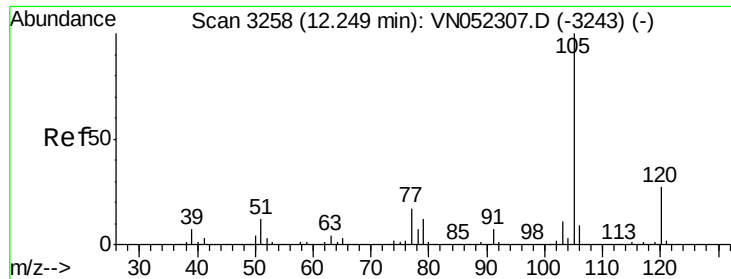
115 61.1 30.3 91.0

150 177.9 0.0 348.2



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: 51.021 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

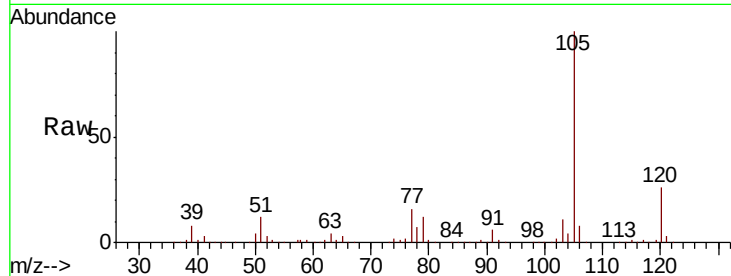
ClientSampled :

Tot Ion:105 Resp: 793942

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

500000

400000

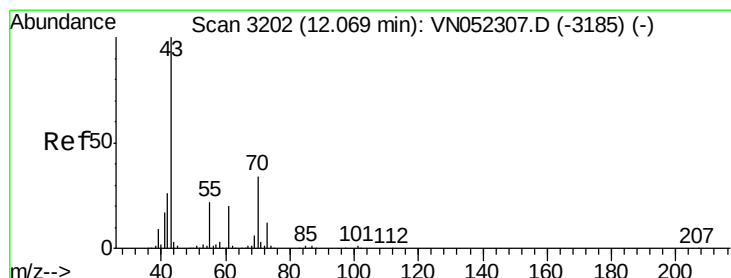
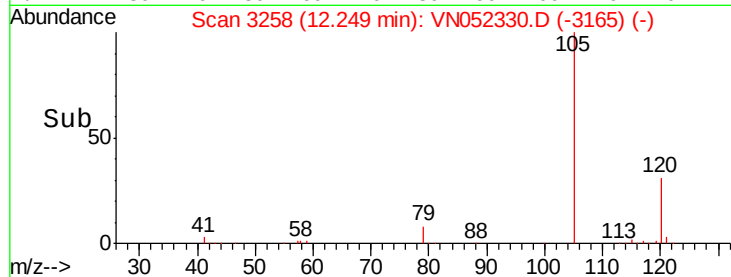
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.098 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Tgt Ion: 43 Resp: 277664

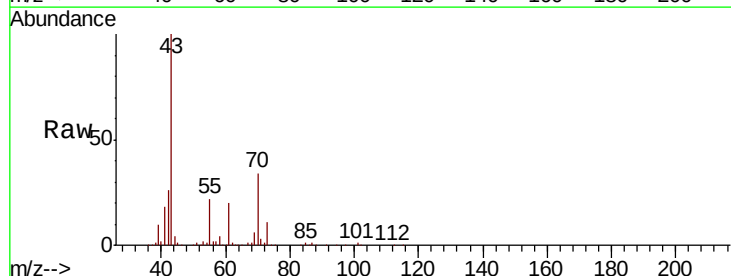
Ion Ratio Lower Upper

43 100

70 34.4 27.1 40.7

55 22.2 17.4 26.0

61 20.3 16.1 24.1



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

12.07

250000

200000

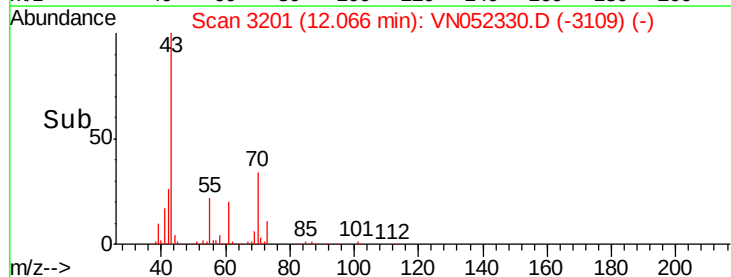
150000

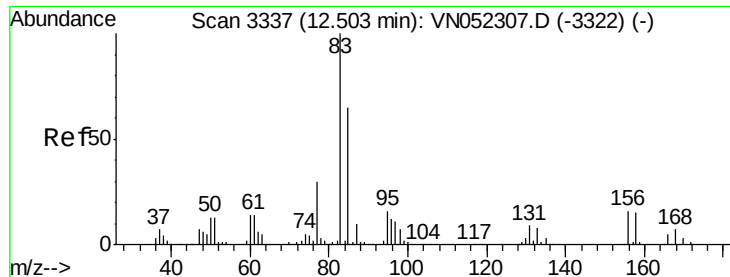
100000

50000

0

Time-->

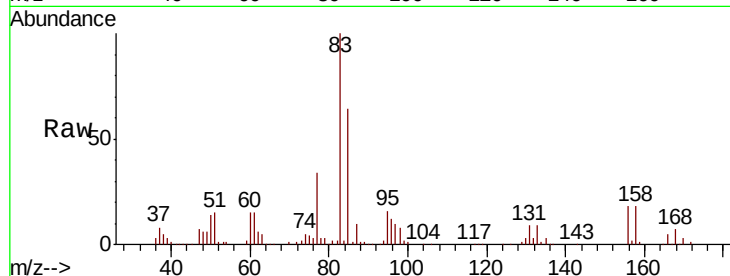




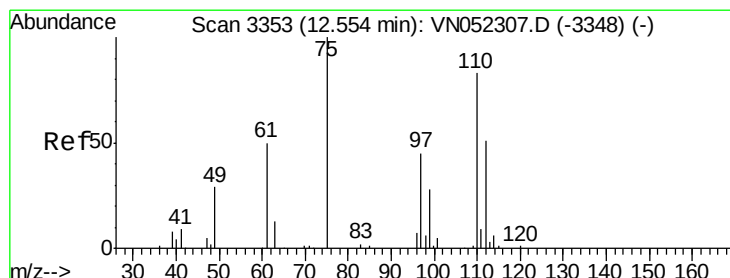
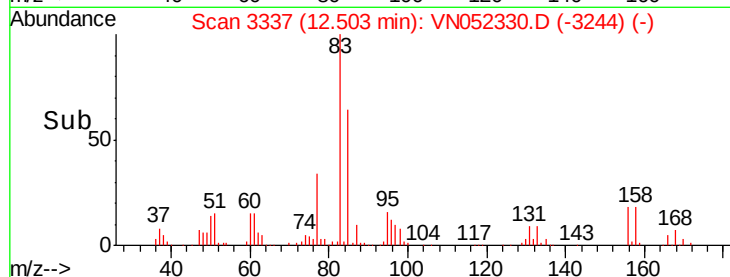
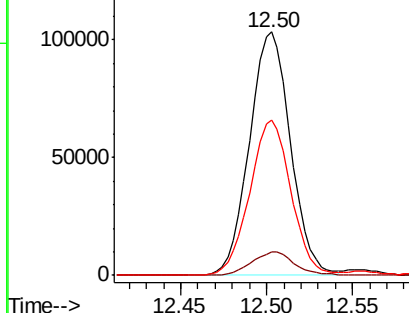
#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.551 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 83 Resp: 171348
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.7 14.1
 85 63.9 32.4 97.2

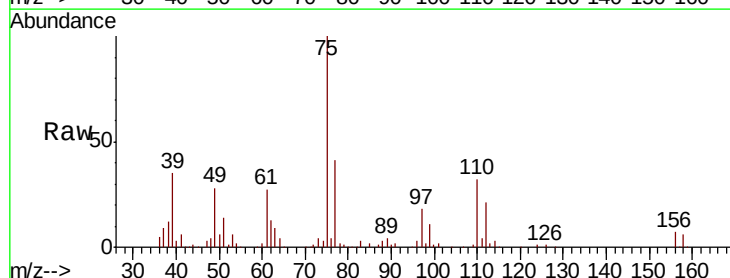


Abundance Ion 82.90 (82.60 to 83.60): VNO
 Ion 130.80 (130.50 to 131.50): VNO
 Ion 84.90 (84.60 to 85.60): VNO

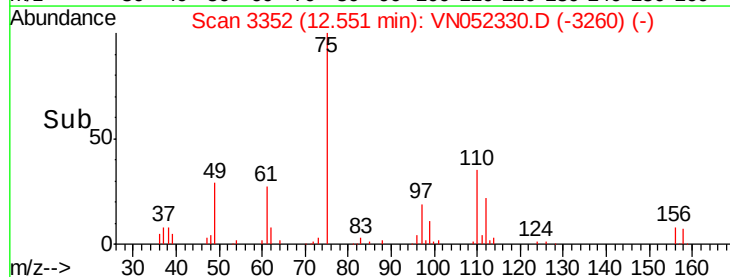
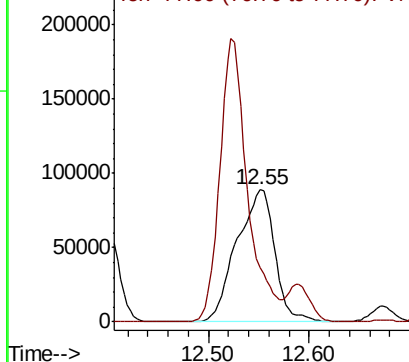


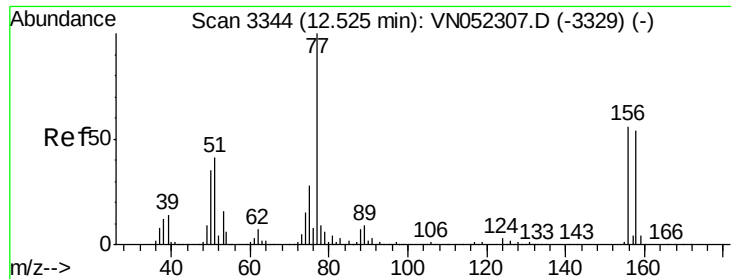
#76
 1,2,3-Trichloropropane
 Concen: 70.884 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 75 Resp: 232791
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 50.437 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampled :

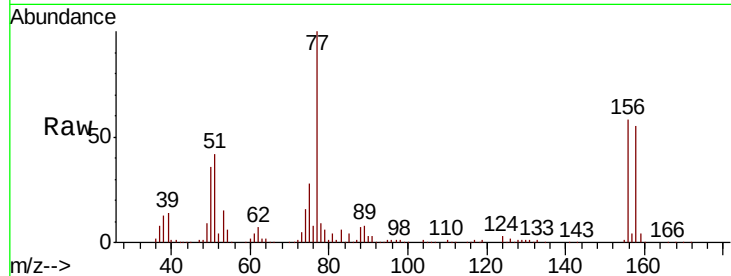
Tot Ion:156 Resp: 182616

Ion Ratio Lower Upper

156 100

77 202.0 103.6 310.9

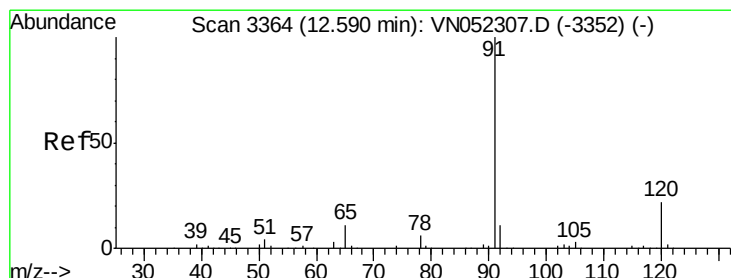
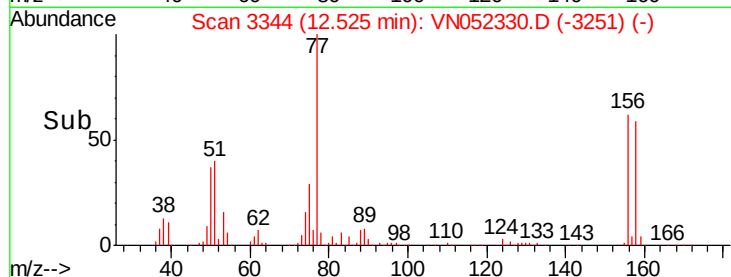
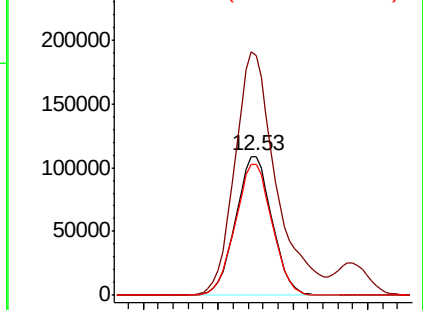
158 96.3 48.1 144.4



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: 52.961 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052330.D

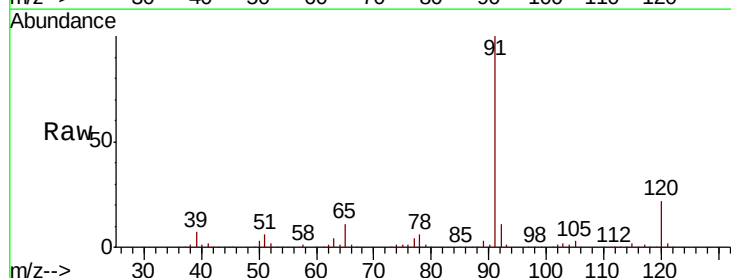
Acq: 15 Nov 2018 8:19

Tgt Ion: 91 Resp: 963834

Ion Ratio Lower Upper

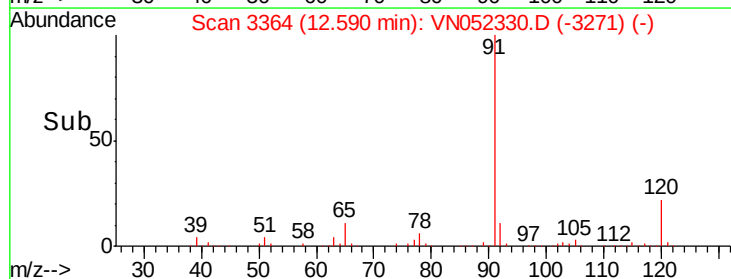
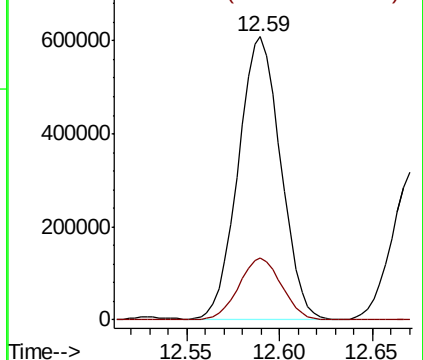
91 100

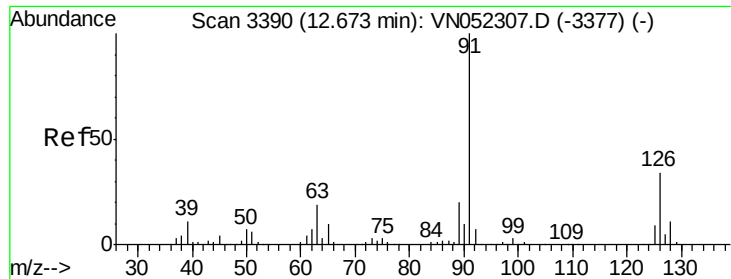
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

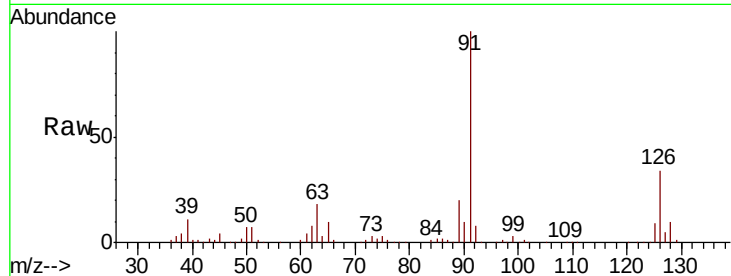




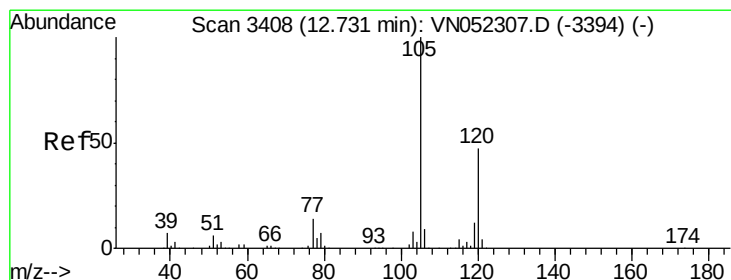
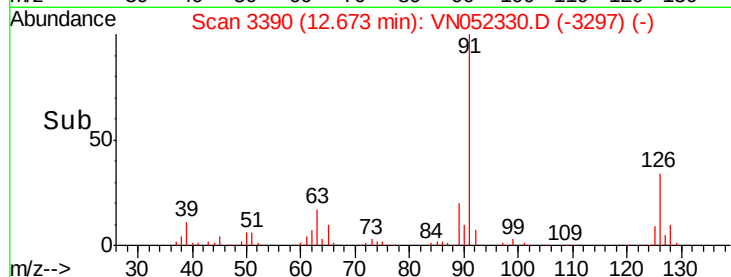
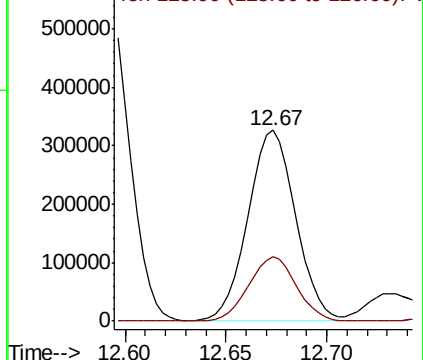
#79
 2-Chlorotoluene
 Concen: 50.674 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 538738
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.0 51.0

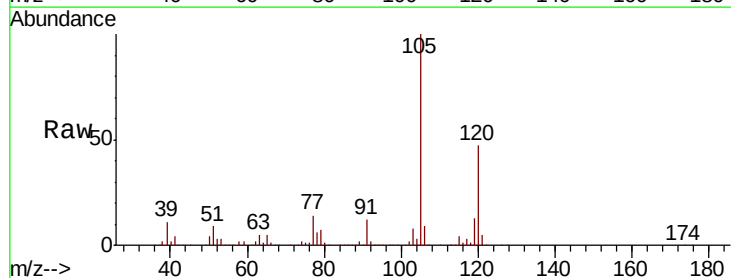


Abundance Ion 91.00 (90.70 to 91.70): VN052330.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN052330.D (-3377) (-)

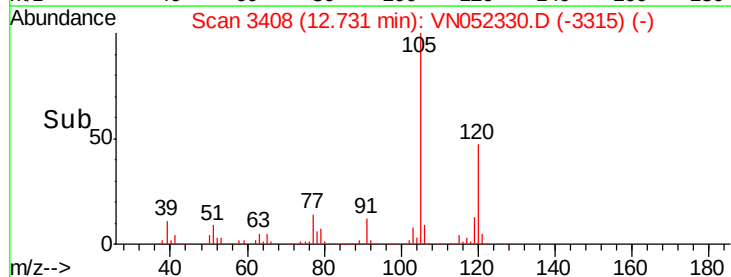
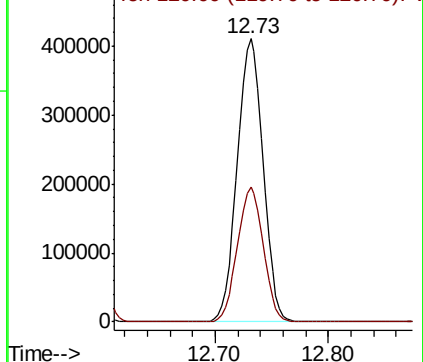


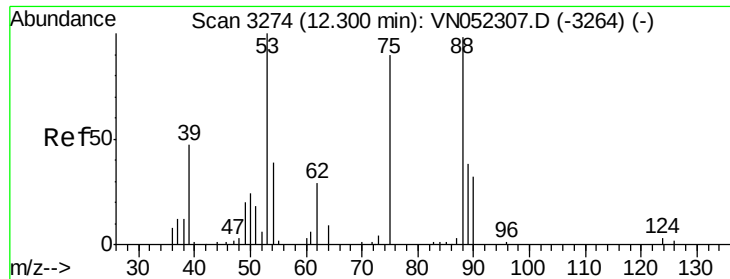
#80
 1,3,5-Trimethylbenzene
 Concen: 52.948 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 105 Resp: 655215
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052330.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN052330.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.526 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampled :

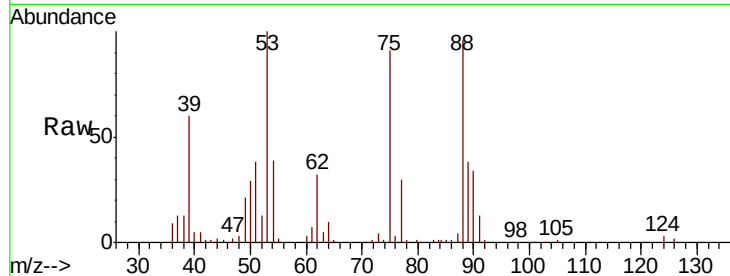
Tot Ion: 75 Resp: 50148

Ion Ratio Lower Upper

75 100

53 113.9 90.2 135.2

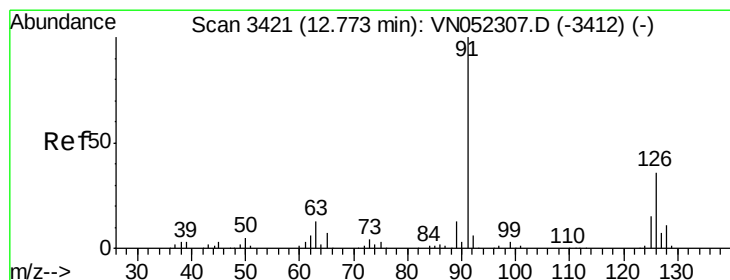
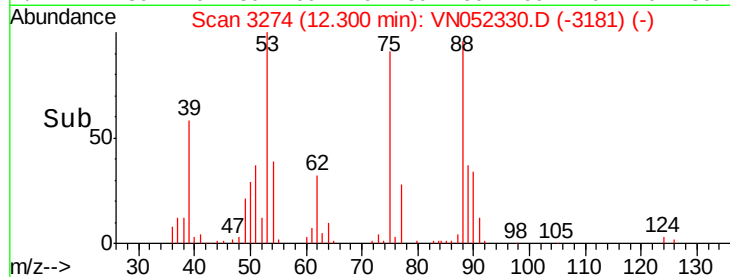
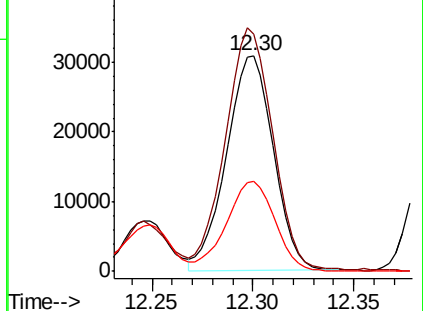
89 43.5 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN052330.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052330.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052330.D (-3181) (-)



#82

4-Chlorotoluene

Concen: 50.649 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN052330.D

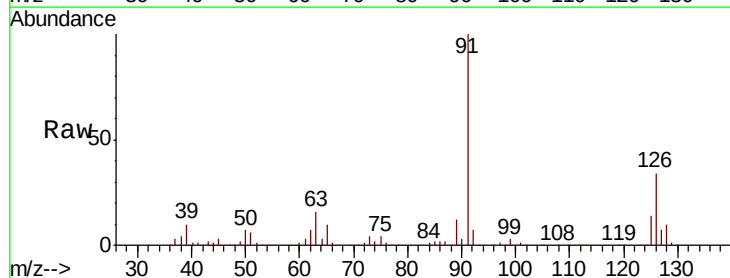
Acq: 15 Nov 2018 8:19

Tgt Ion: 91 Resp: 551683

Ion Ratio Lower Upper

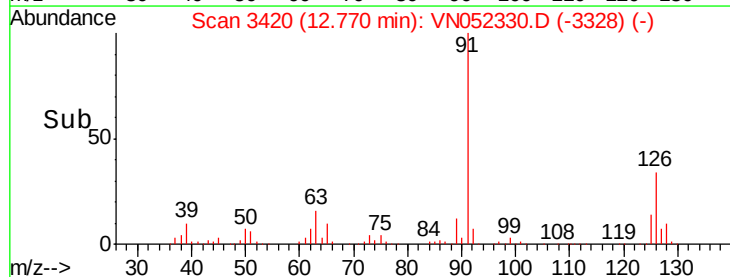
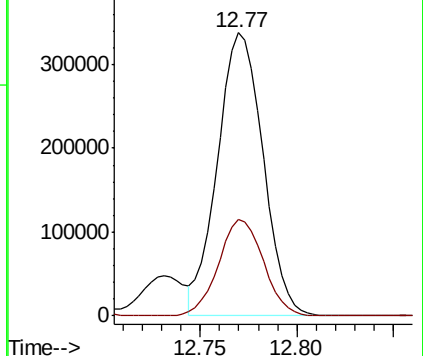
91 100

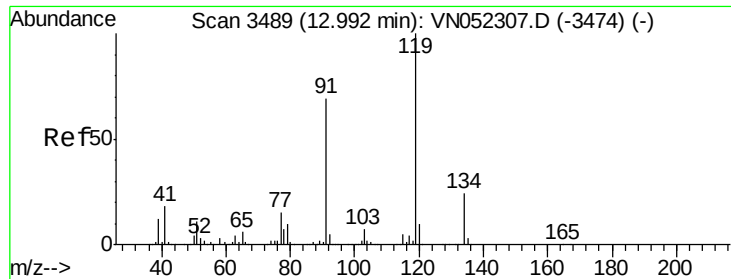
126 33.8 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN052330.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN052330.D (-3328) (-)

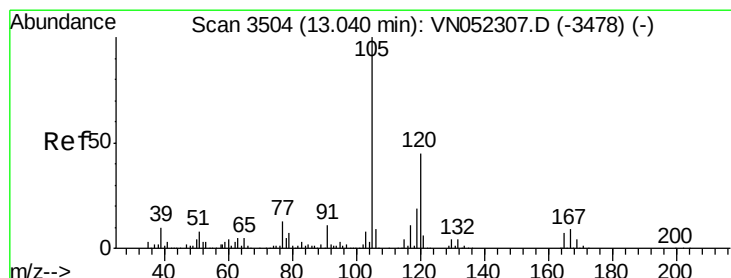
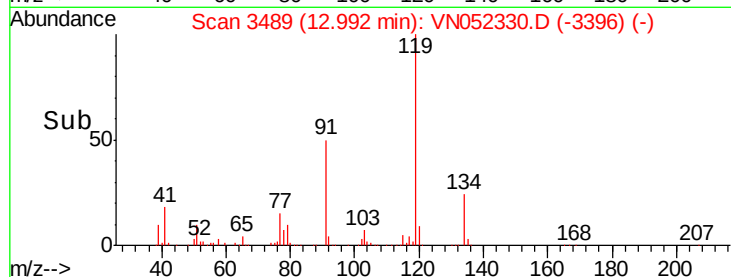
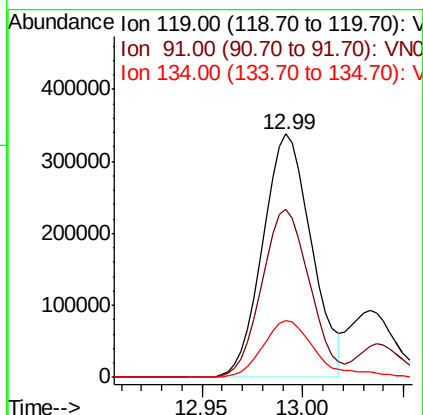
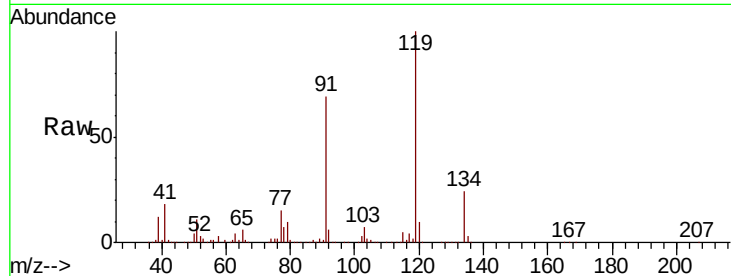




#83
 tert-Butylbenzene
 Concen: 51.942 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

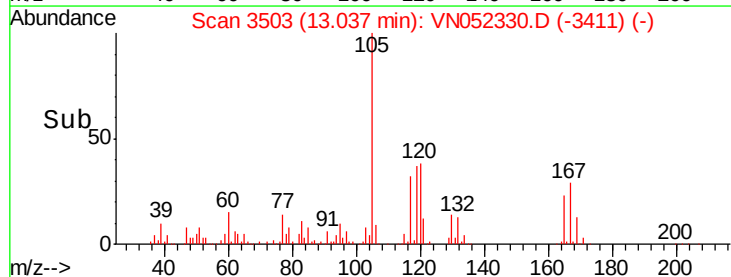
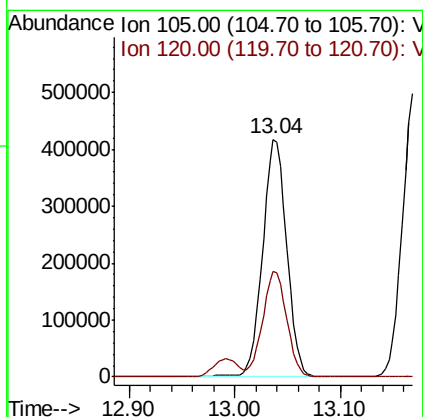
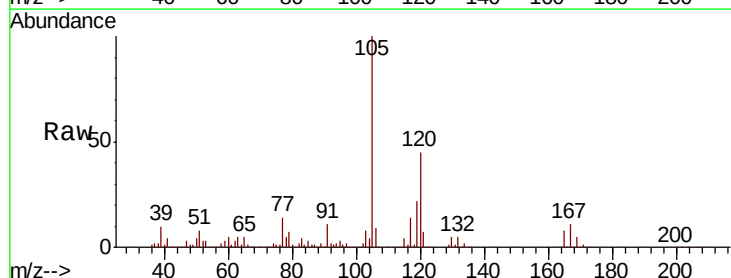
Instrument :
 MSVOA_N
 ClientSampled :

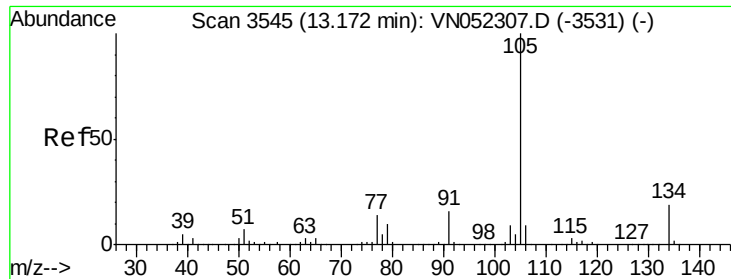
Tot Ion:119 Resp: 567465
 Ion Ratio Lower Upper
 119 100
 91 68.3 33.8 101.3
 134 25.5 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.510 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion:105 Resp: 664733
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.5 67.5

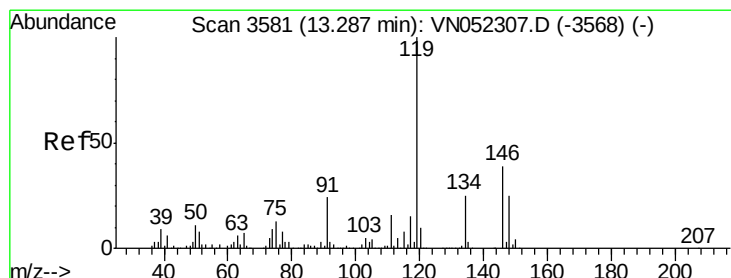
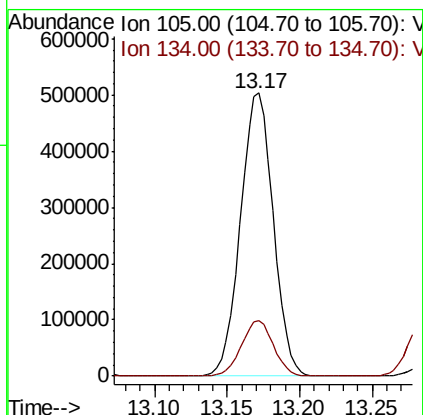
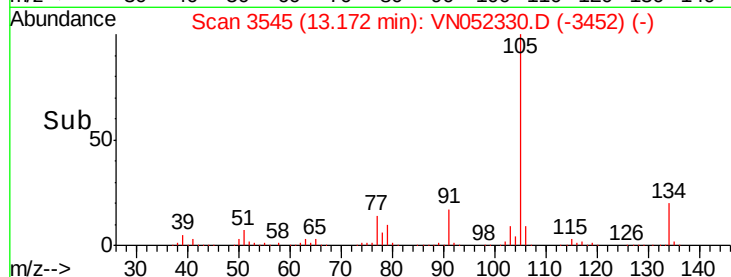
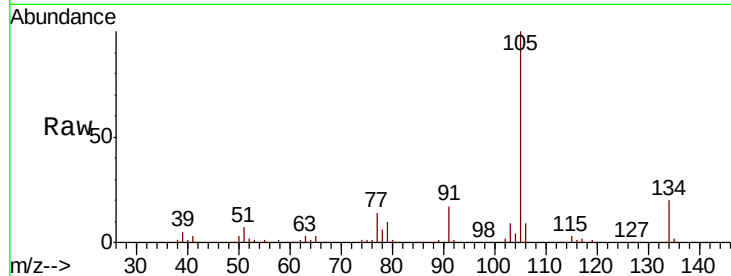




#85
 sec-Butylbenzene
 Concen: 53.127 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

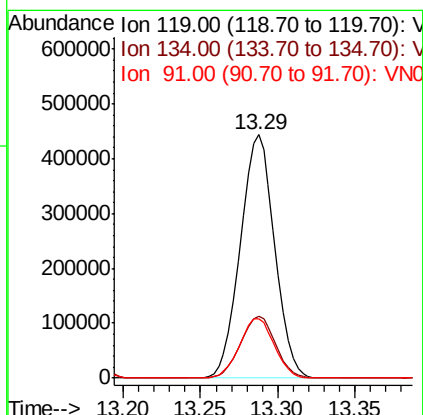
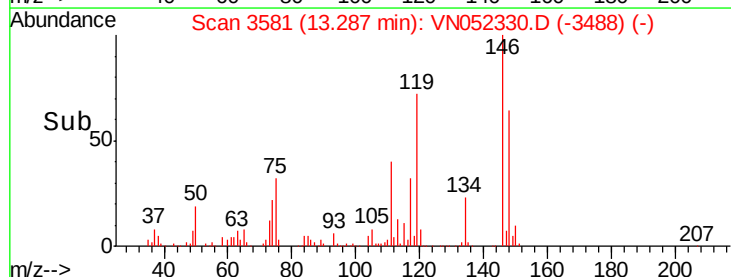
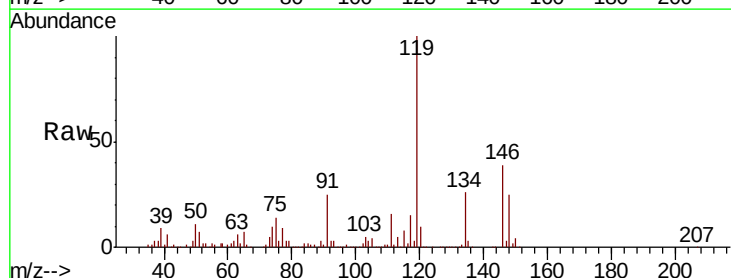
Instrument :
 MSVOA_N
 ClientSampled :

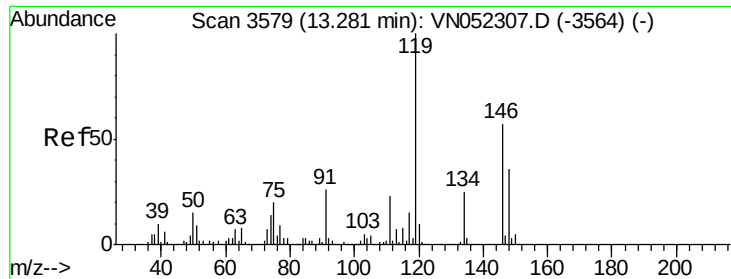
Tot Ion:105 Resp: 790638
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 54.048 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion:119 Resp: 681358
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 24.9 12.4 37.0

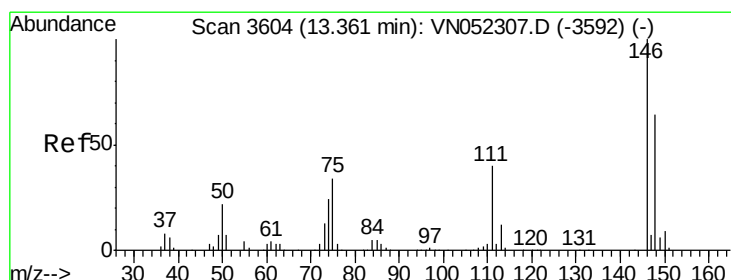
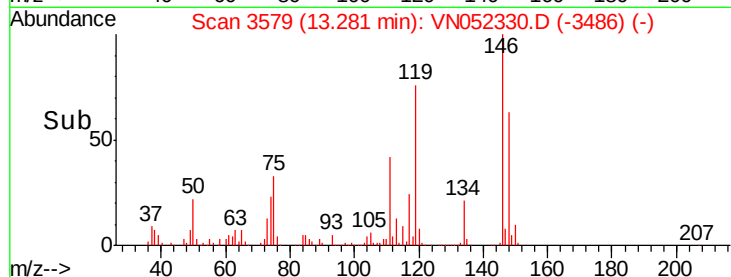
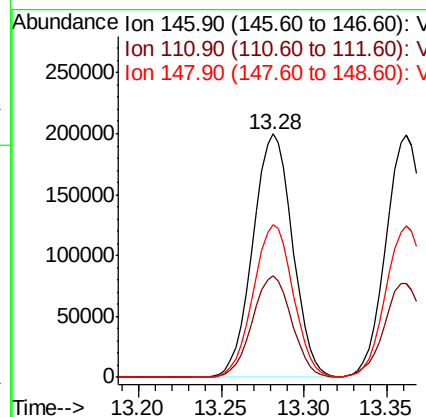
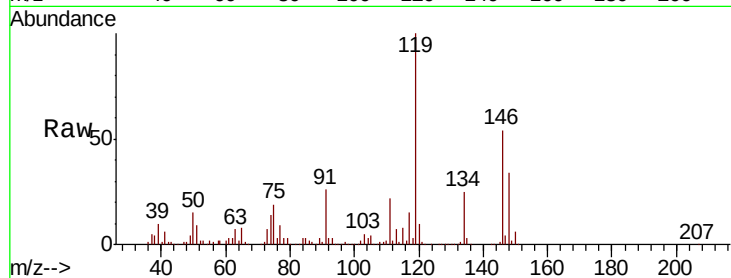




#87
 1,3-Dichlorobenzene
 Concen: 51.639 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

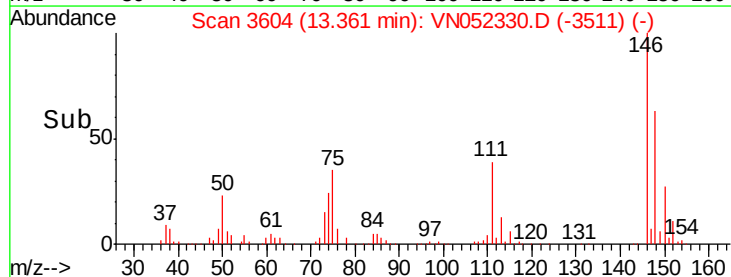
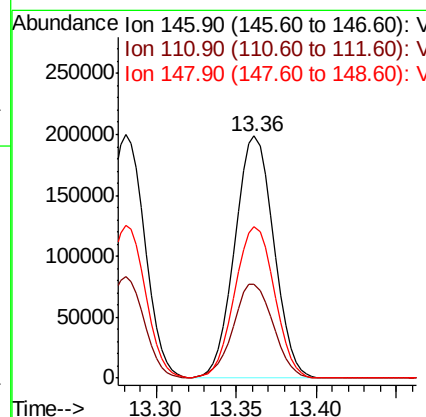
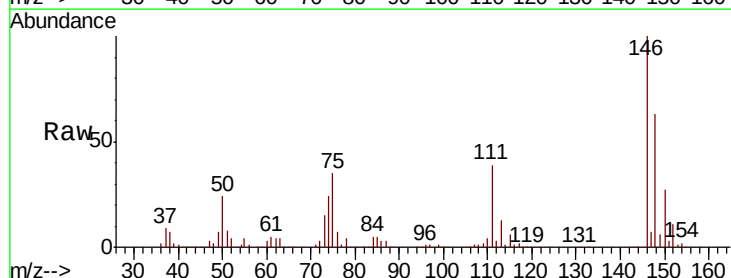
Instrument :
 MSVOA_N
 ClientSampled :

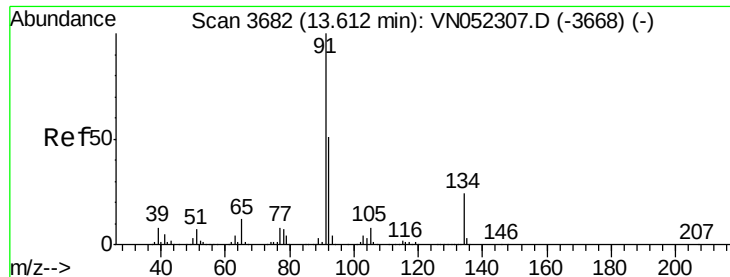
Tot Ion:146 Resp: 332057
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 63.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.513 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion:146 Resp: 329323
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.6 61.8
 148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 57.799 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampled :

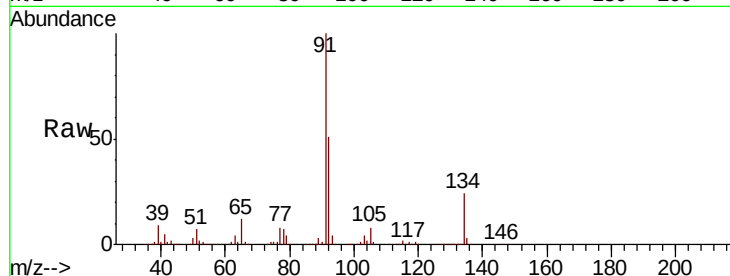
Tot Ion: 91 Resp: 625806

Ion Ratio Lower Upper

91 100

92 50.4 25.4 76.2

134 24.2 12.2 36.4

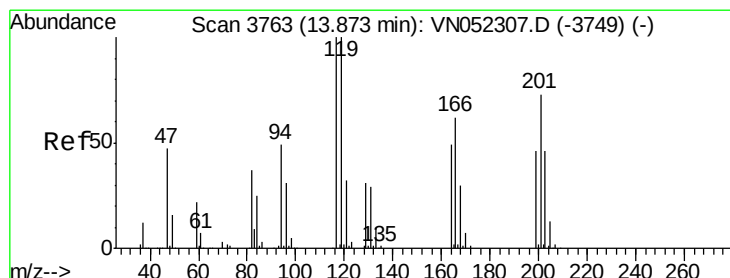
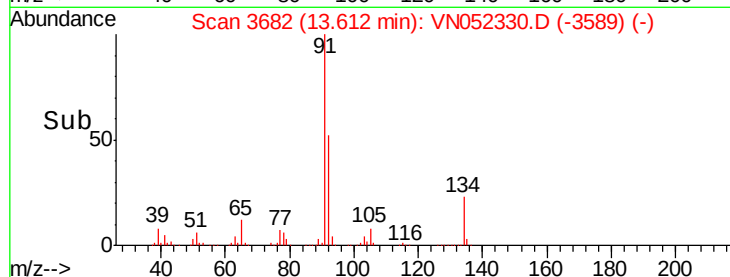


Abundance Ion 91.00 (90.70 to 91.70): VN052330.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052330.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052330.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 54.730 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN052330.D

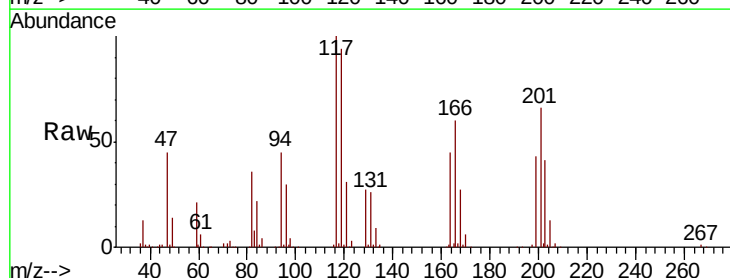
Acq: 15 Nov 2018 8:19

Tgt Ion: 117 Resp: 122203

Ion Ratio Lower Upper

117 100

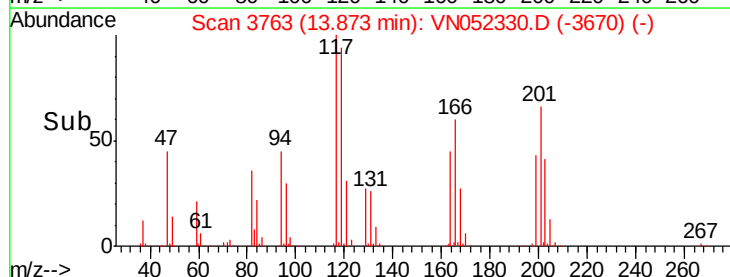
201 67.0 35.3 105.9

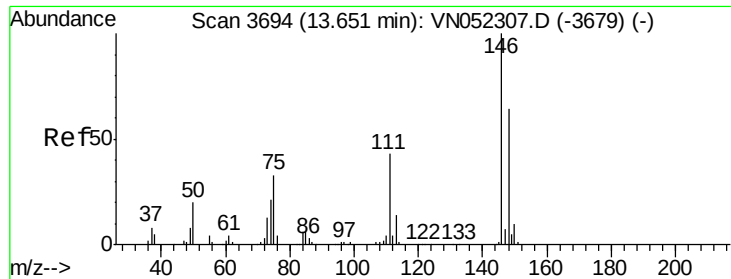


Abundance Ion 116.80 (116.50 to 117.50): VN052330.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052330.D (-3749) (-)

Time-->

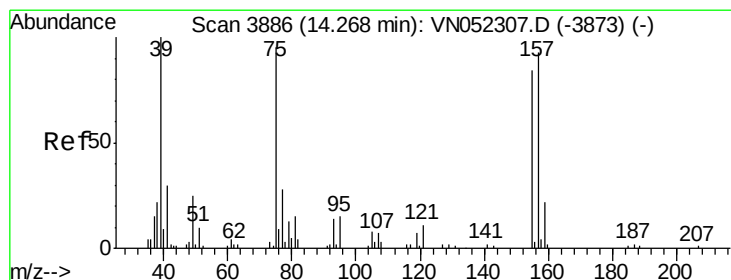
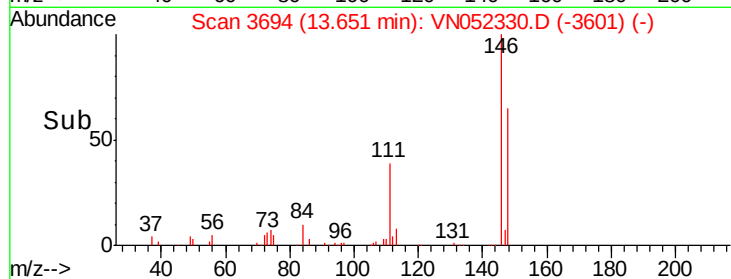
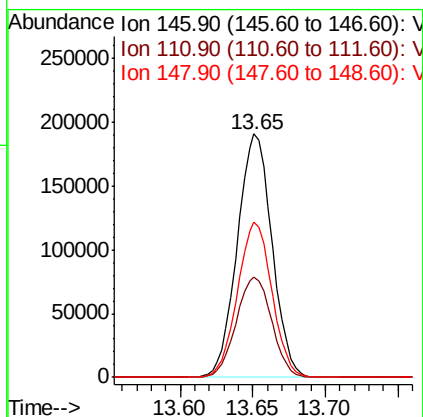
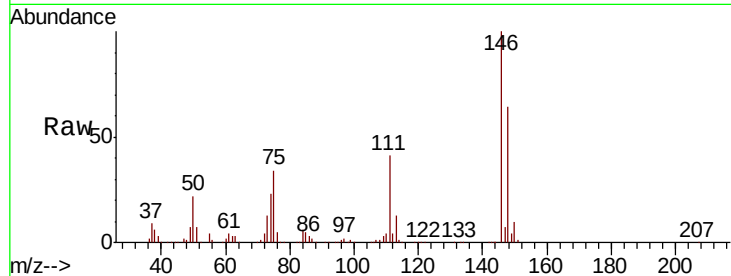




#91
 1,2-Dichlorobenzene
 Concen: 50.966 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

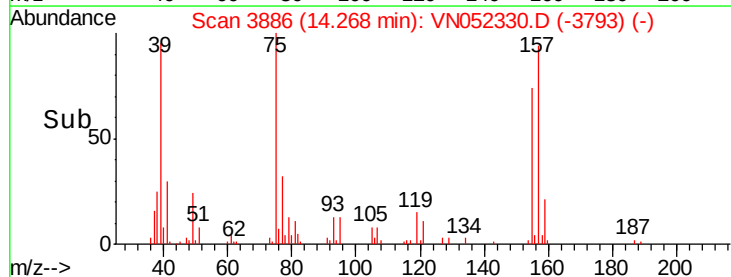
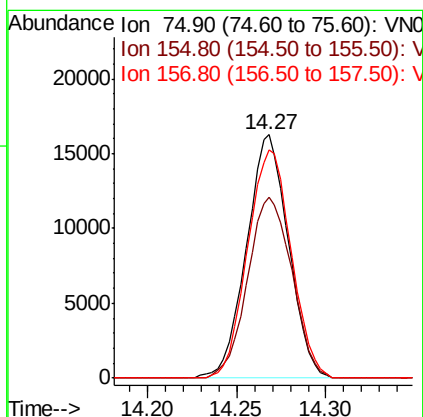
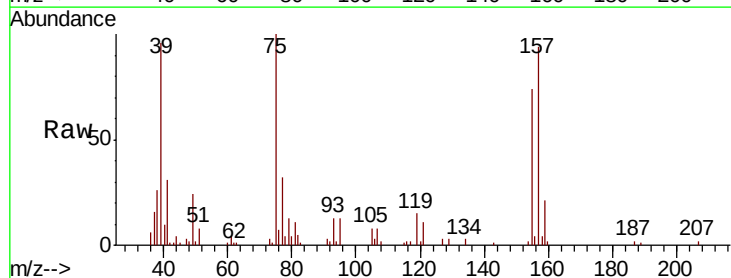
Instrument :
 MSVOA_N
 ClientSampled :

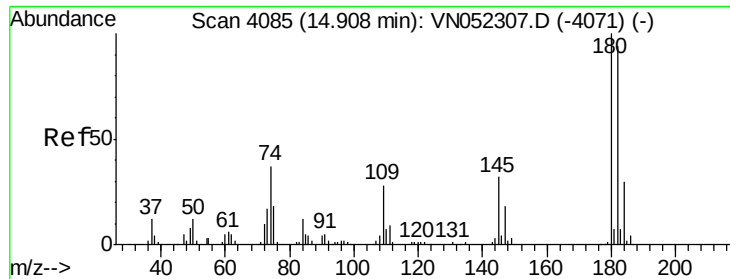
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	63.3	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.191 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.5	42.4	127.3
157	97.3	49.6	149.0

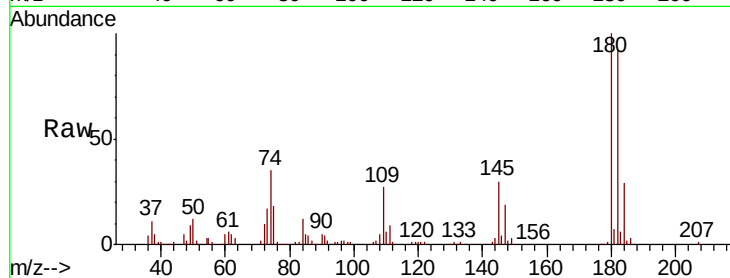




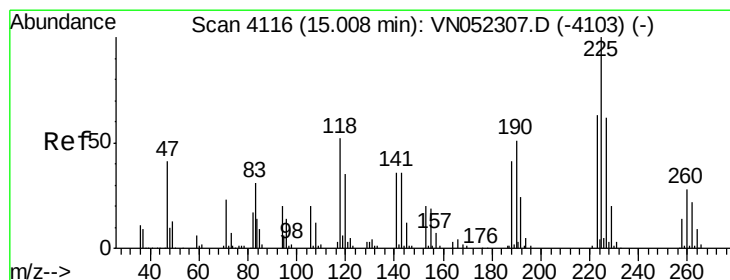
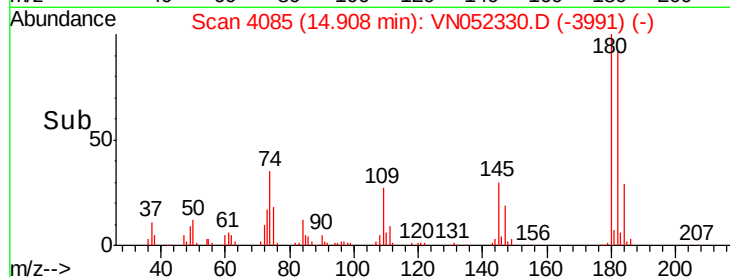
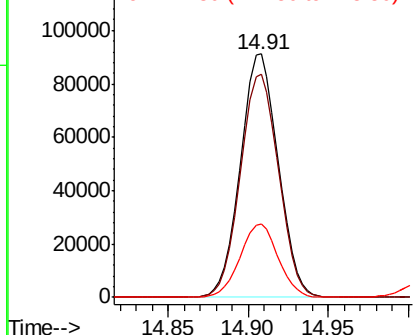
#93
 1,2,4-Trichlorobenzene
 Concen: 50.526 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 146533
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.6 142.9
 145 30.3 15.5 46.5

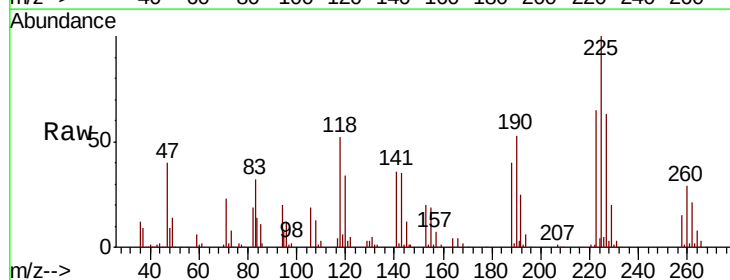


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

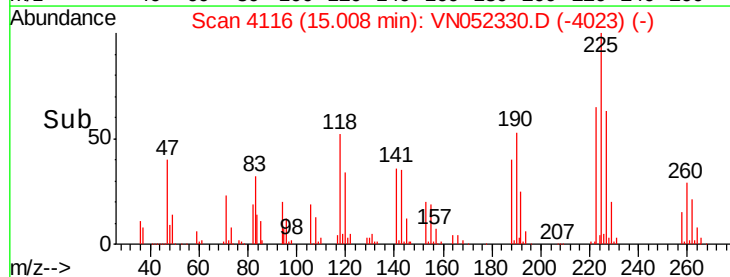
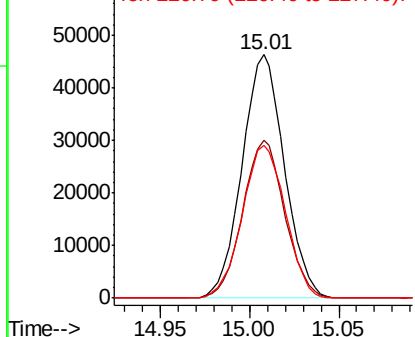


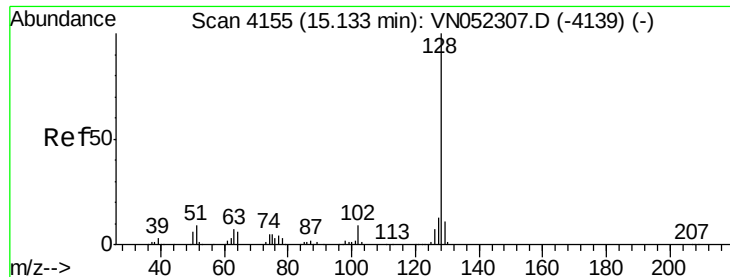
#94
 Hexachlorobutadiene
 Concen: 53.899 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion:225 Resp: 76856
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.9 95.5
 227 63.9 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.055 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

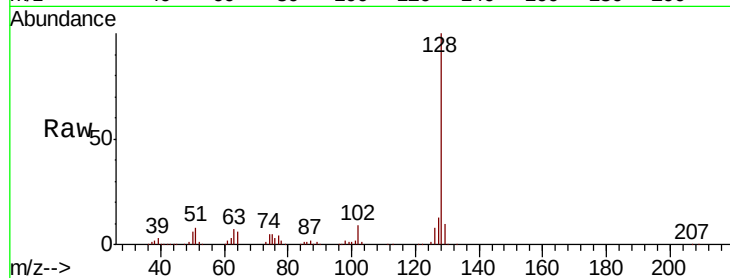
Tot Ion:128 Resp: 314049

Ion Ratio Lower Upper

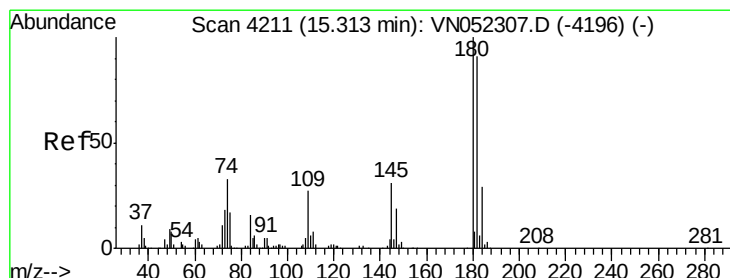
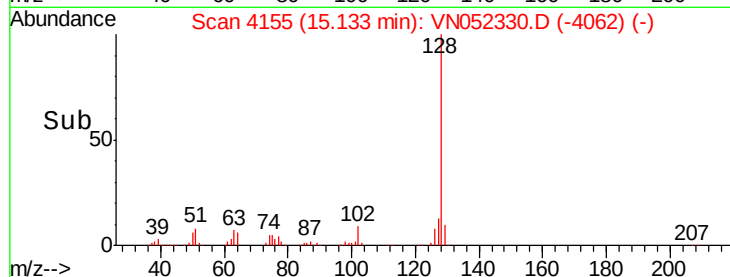
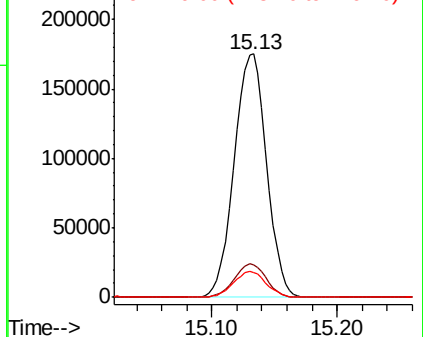
128 100

127 13.5 10.4 15.6

129 10.6 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 53.327 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

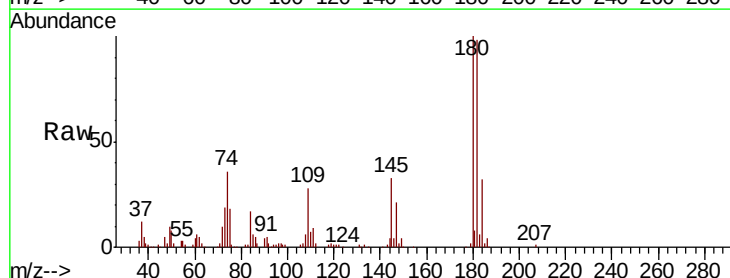
Tgt Ion:180 Resp: 126239

Ion Ratio Lower Upper

180 100

182 96.7 46.5 139.3

145 33.7 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

