

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112618\
 Data File : VN052463.D
 Acq On : 26 Nov 2018 17:11
 Operator : MD\SY
 Sample : VN1126WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 27 00:59:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	172381	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1008154	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	878598	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	358010	30.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.60%
60) 4-Bromofluorobenzene	12.40	95	398484	29.66	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.87%
63) Toluene-d8	10.09	98	1232649	30.26	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	192785	19.637	ug/l 100
3) Chloromethane	2.06	50	257140	19.749	ug/l 100
4) Vinyl Chloride	2.19	62	263467	20.049	ug/l 98
5) Bromomethane	2.58	94	158935	21.211	ug/l 97
6) Chloroethane	2.71	64	156243	19.993	ug/l 99
7) Trichlorofluoromethane	3.03	101	320387	19.755	ug/l 99
8) Diethyl Ether	3.42	74	117702	19.654	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	201230	19.573	ug/l 98
10) 1,1-Dichloroethene	3.74	96	189999	19.655	ug/l 100
11) Methyl Iodide	3.96	142	243633	18.152	ug/l 98
12) Methyl Acetate	4.33	43	159753	19.450	ug/l 97
13) Acrolein	3.61	56	90457	93.757	ug/l 99
14) Acrylonitrile	4.99	53	338587	96.749	ug/l 97
15) Acetone	3.82	58	85117	93.915	ug/l 100
16) Carbon Disulfide	4.06	76	577704	18.876	ug/l 100
17) Allyl chloride	4.33	41	319279	18.939	ug/l 98
18) Methylene Chloride	4.56	84	221748	19.812	ug/l 98
19) trans-1,2-Dichloroethene	5.05	96	205101	19.715	ug/l 96
20) Diisopropyl ether	5.95	45	709576	20.029	ug/l 98
21) 1,1-Dichloroethane	5.85	63	403979	20.007	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	238011	19.963	ug/l 99
23) tert-Butyl Alcohol	4.78	59	23627	45.384	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	511465	20.168	ug/l 98
25) Chloroform	7.37	83	392468	20.147	ug/l 100
26) Cyclohexane	7.65	56	366763	19.258	ug/l # 100
29) 1,1-Dichloropropene	7.80	75	300518	19.520	ug/l 100
30) 2-Butanone	6.84	43	384633	93.367	ug/l 100
31) 2,2-Dichloropropane	6.82	77	268878	18.971	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	315746	19.710	ug/l 98
33) Carbon Tetrachloride	7.78	117	273244	19.494	ug/l 99
34) Benzene	8.04	78	909512	19.649	ug/l 99
35) Methacrylonitrile	7.18	41	97437	19.064	ug/l 94
36) 1,2-Dichloroethane	8.13	62	277210	19.763	ug/l 100
37) Trichloroethene	8.84	130	231794	19.748	ug/l 95
38) Methylcyclohexane	9.08	83	360209	18.900	ug/l 99
39) 1,2-Dichloropropane	9.12	63	242754	19.565	ug/l 98
40) Dibromomethane	9.21	93	133629	19.930	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112618\
 Data File : VN052463.D
 Acq On : 26 Nov 2018 17:11
 Operator : MD\SY
 Sample : VN1126WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 27 00:59:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	285411	19.267	ug/l	99
42) Vinyl Acetate	5.90	43	2163230	97.051	ug/l	99
43) Ethyl Acetate	6.93	43	173854	19.847	ug/l #	70
44) Isopropyl Acetate	8.17	43	303551	19.758	ug/l	98
45) 1,4-Dioxane	9.20	88	32932	391.832	ug/l	99
46) Methyl methacrylate	9.20	41	156173	19.578	ug/l	98
47) n-amyl Acetate	12.07	43	236963	18.603	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	272386	18.963	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	335082	19.148	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	184749	19.438	ug/l	99
51) Ethyl methacrylate	10.43	69	227761	19.080	ug/l	99
52) 1,3-Dichloropropane	10.71	76	332897	19.678	ug/l	100
53) Dibromochloromethane	10.90	129	201786	19.284	ug/l	97
54) 1,2-Dibromoethane	11.01	107	183501	19.758	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	664130	95.048	ug/l	100
56) Bromoform	12.13	173	130611	19.096	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	851464	99.963	ug/l	99
59) 2-Hexanone	10.75	43	556354	95.616	ug/l	99
61) Tetrachloroethene	10.63	164	214088	19.784	ug/l	97
62) Toluene	10.16	91	961142	19.844	ug/l	100
64) Chlorobenzene	11.44	112	578916	19.583	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	204296	19.909	ug/l	98
66) Ethyl Benzene	11.51	91	1030536	19.742	ug/l	99
67) m/p-Xylenes	11.62	106	766420	39.409	ug/l	100
68) o-Xylene	11.95	106	375804	19.909	ug/l	98
69) Styrene	11.97	104	595860	19.557	ug/l	100
70) Isopropylbenzene	12.25	105	997907	19.869	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	219983	20.136	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	268418	28.621	ug/l	49
73) Bromobenzene	12.53	156	240458	19.796	ug/l	97
74) n-propylbenzene	12.59	91	1141314	19.504	ug/l	100
75) 2-Chlorotoluene	12.68	91	675912	19.900	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	803749	19.813	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	52710	17.792	ug/l	95
78) 4-Chlorotoluene	12.78	91	659539	19.444	ug/l	100
79) tert-butylbenzene	12.99	119	705398	19.967	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	812166	20.009	ug/l	99
81) sec-Butylbenzene	13.17	105	963526	19.581	ug/l	99
82) p-Isopropyltoluene	13.29	119	817118	19.501	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	411132	19.245	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	399102	19.336	ug/l	99
85) n-Butylbenzene	13.62	91	664075	18.451	ug/l	99
86) Hexachloroethane	13.88	117	134078	18.886	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	395267	19.443	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	29330	19.166	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	180628	18.034	ug/l	99
90) Hexachlorobutadiene	15.01	225	126886	19.312	ug/l	98
91) Naphthalene	15.14	128	358715	17.735	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	166924	18.084	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112618\
Data File : VN052463.D
Acq On : 26 Nov 2018 17:11
Operator : MD\SY
Sample : VN1126WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 27 00:59:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
Response via : Initial Calibration

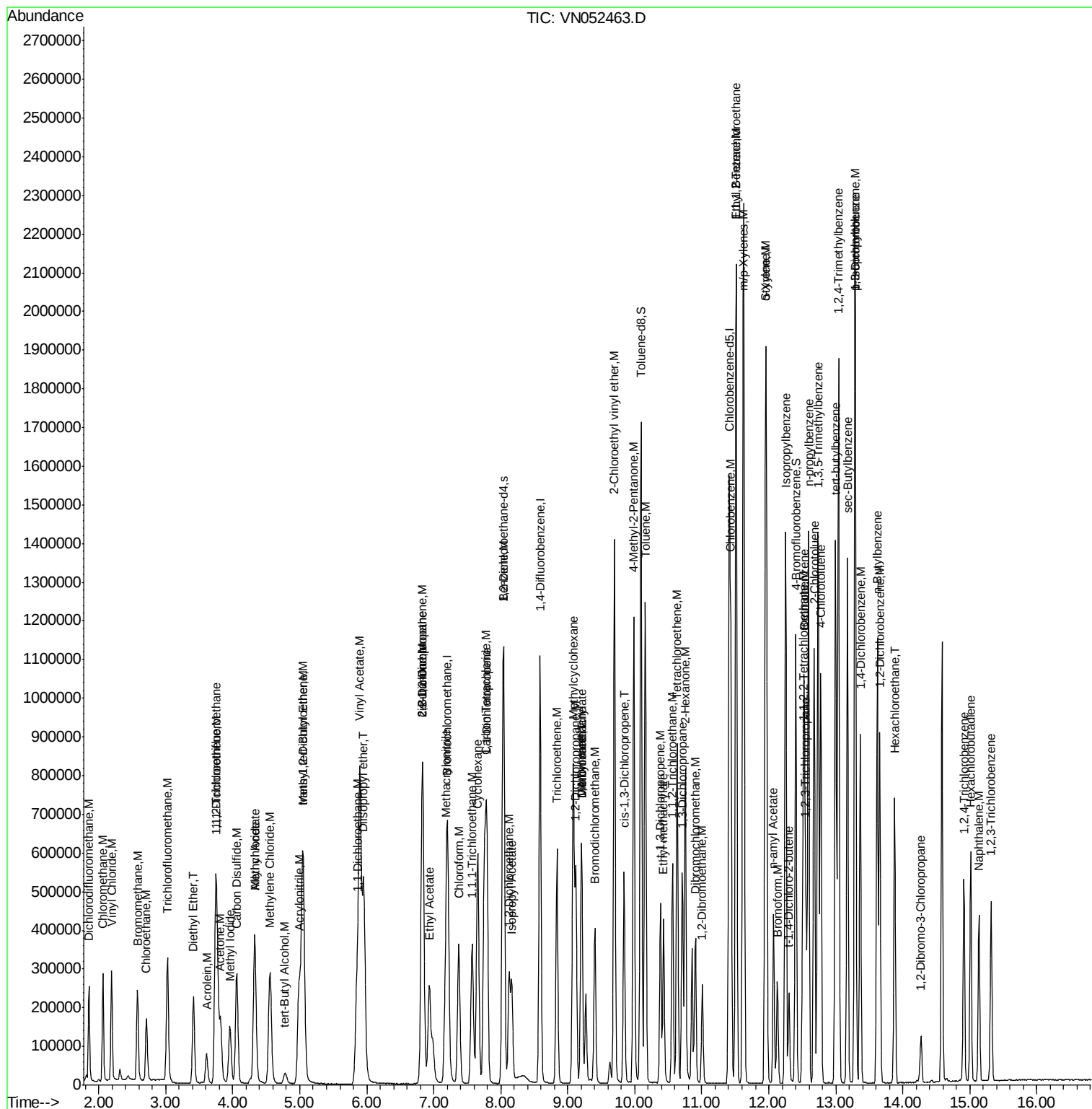
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

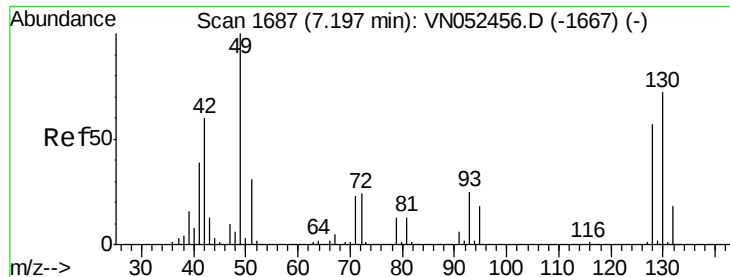
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112618\
Data File : VN052463.D
Acq On : 26 Nov 2018 17:11
Operator : MD\SY
Sample : VN1126WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 27 00:59:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :
MSVOA_N
ClientSampled :

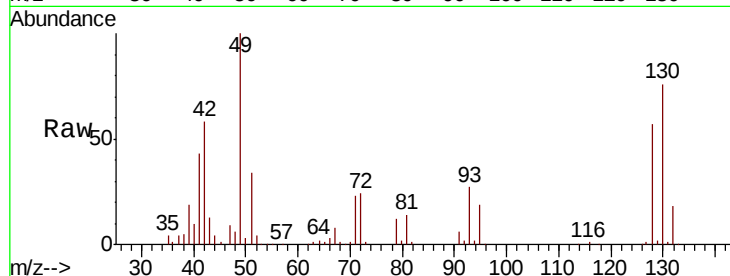
Tot Ion:128 Resp: 172381

Ion Ratio Lower Upper

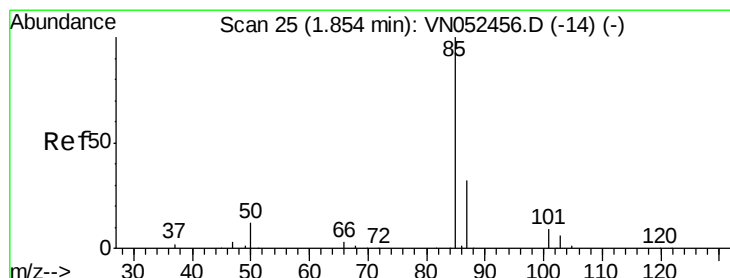
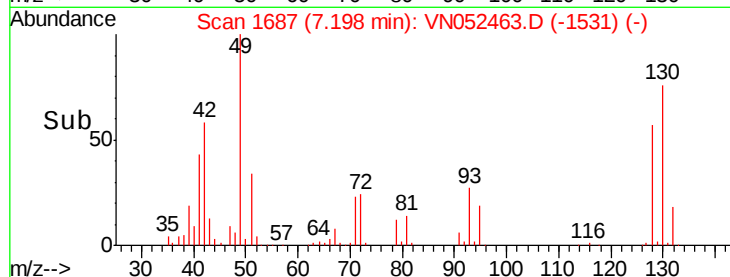
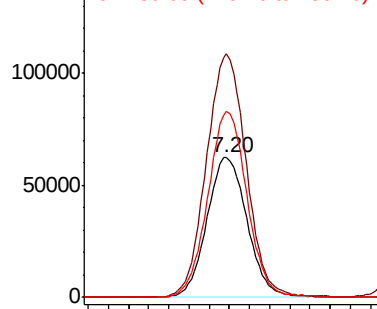
128 100

49 172.2 0.0 431.8

130 129.5 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.637 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052463.D

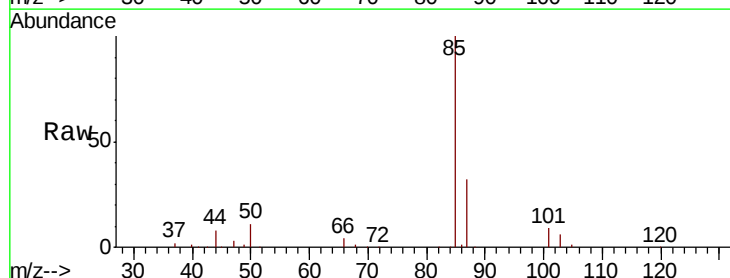
Acq: 26 Nov 2018 17:11

Tgt Ion: 85 Resp: 192785

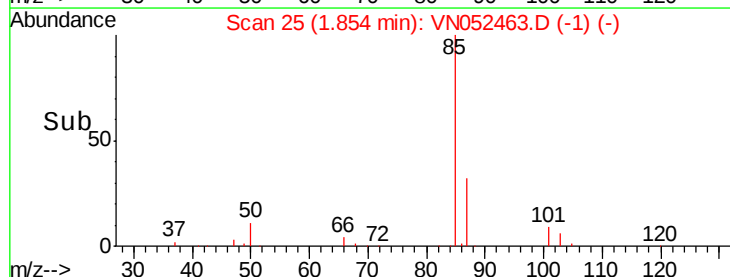
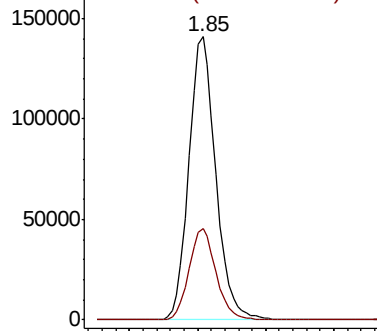
Ion Ratio Lower Upper

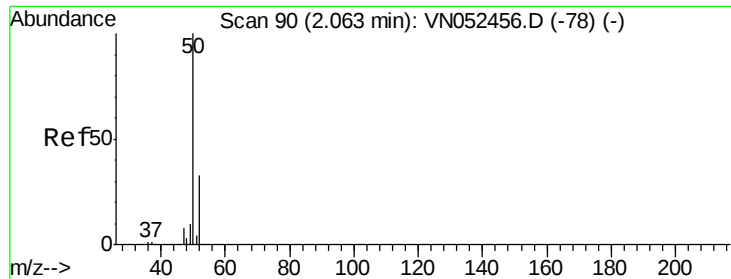
85 100

87 32.4 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.749 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

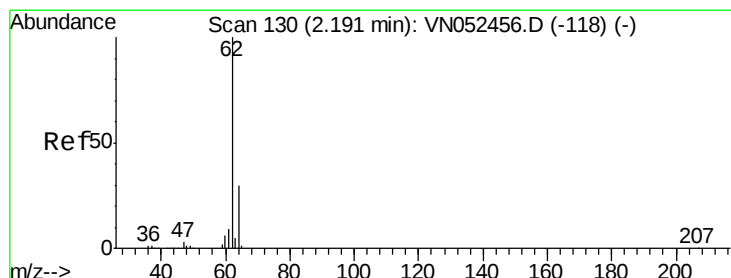
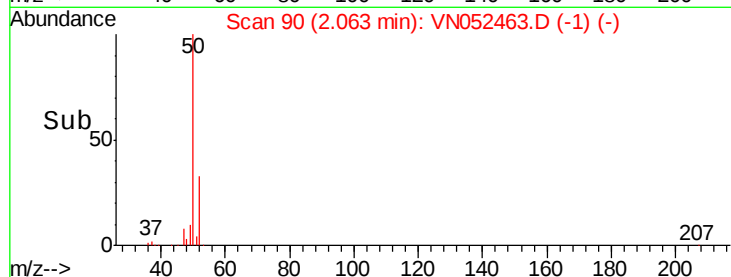
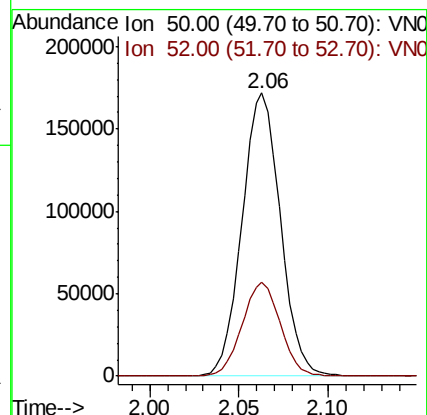
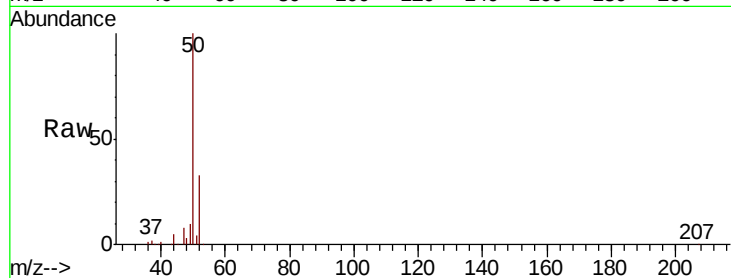
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 257140

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 20.049 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052463.D

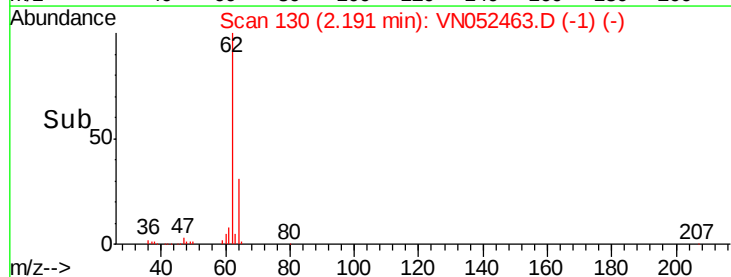
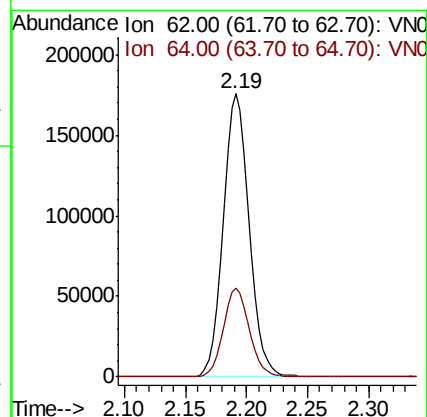
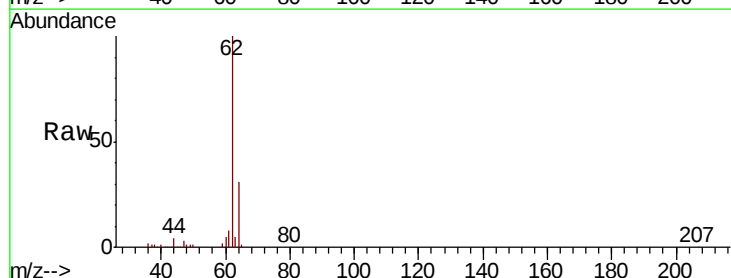
Acq: 26 Nov 2018 17:11

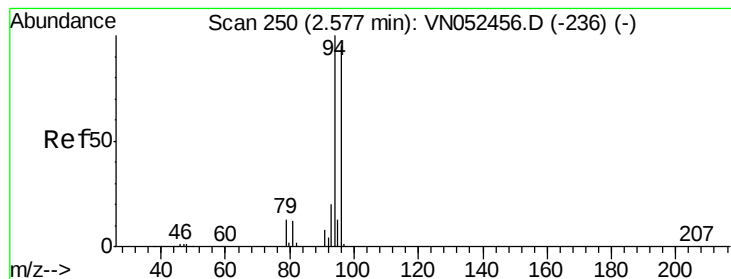
Tgt Ion: 62 Resp: 263467

Ion Ratio Lower Upper

62 100

64 31.3 24.2 36.4





#5

Bromomethane

Concen: 21.211 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

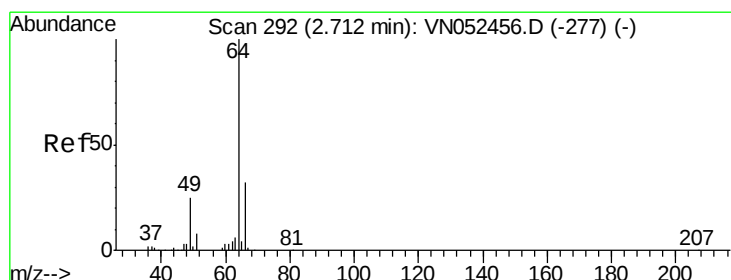
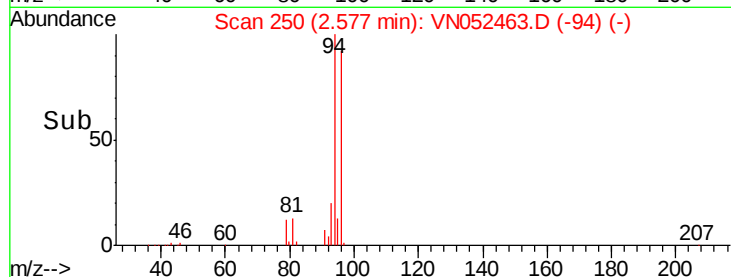
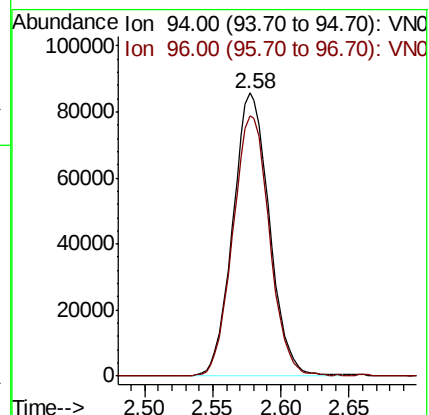
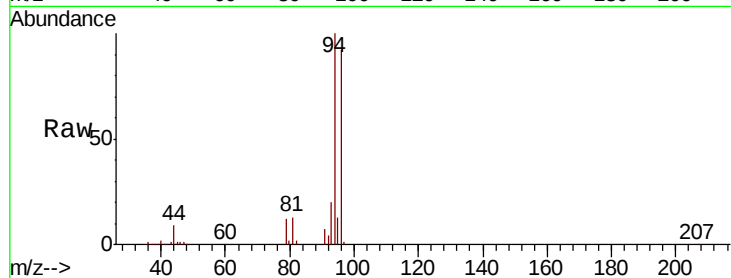
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 158935

Ion Ratio Lower Upper

94 100

96 91.8 76.2 114.2



#6

Chloroethane

Concen: 19.993 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052463.D

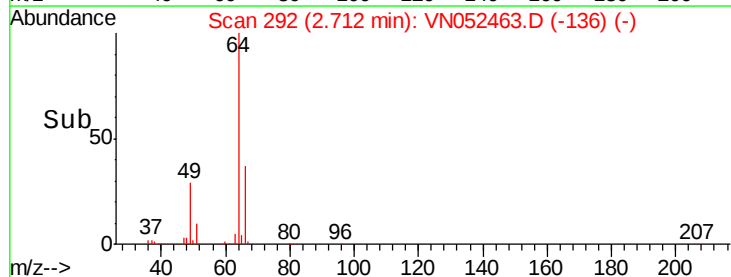
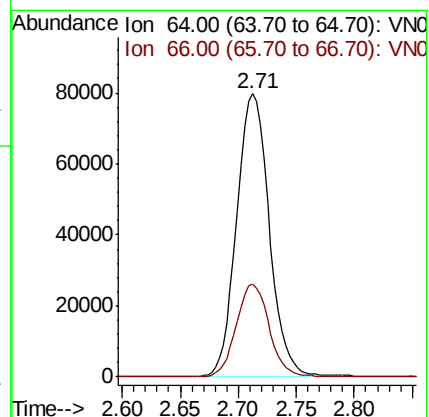
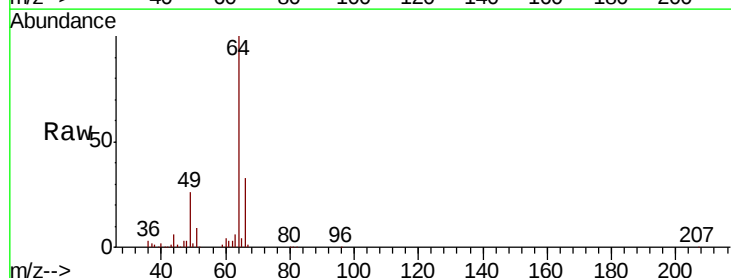
Acq: 26 Nov 2018 17:11

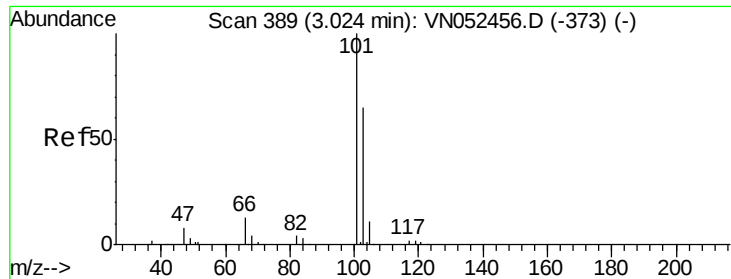
Tgt Ion: 64 Resp: 156243

Ion Ratio Lower Upper

64 100

66 32.6 25.6 38.4



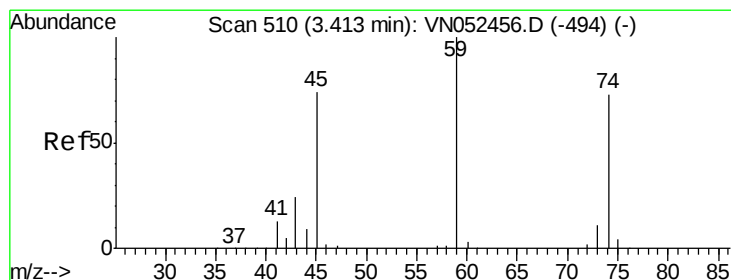
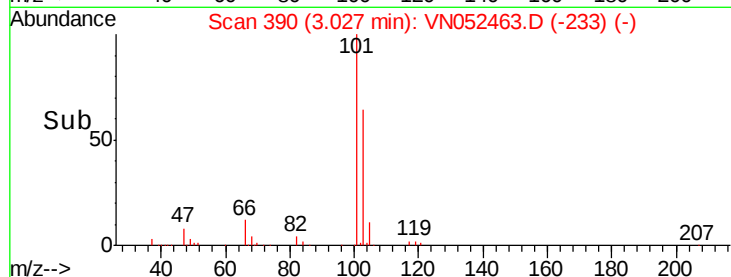
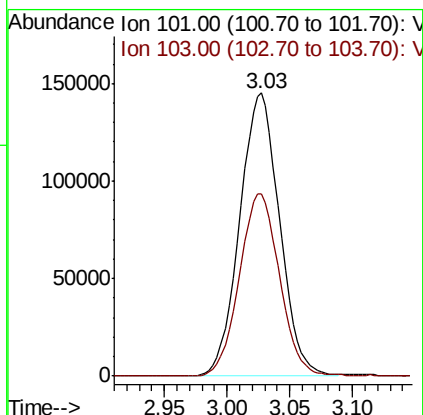
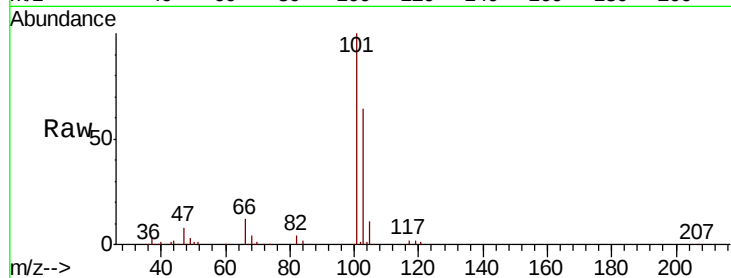


#7

Trichlorofluoromethane
 Concen: 19.755 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

Instrument :
 MSVOA_N
 ClientSampleId :

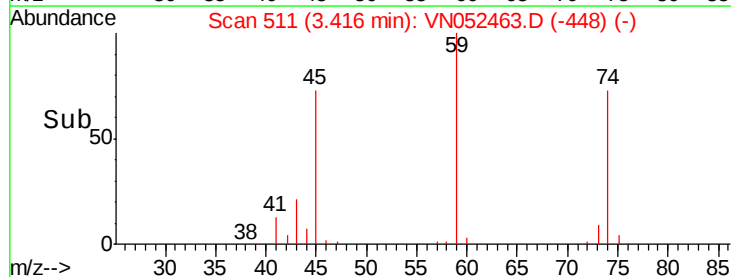
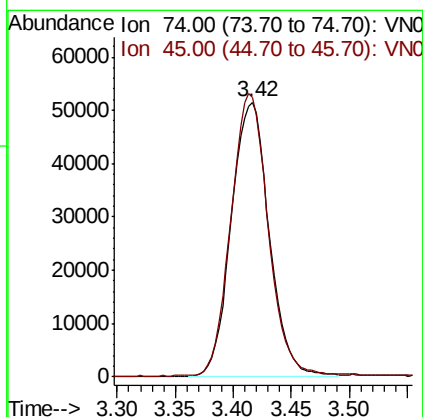
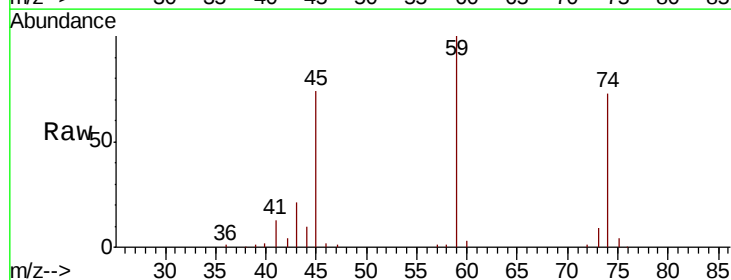
Tot Ion:101 Resp: 320387
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.1 78.1

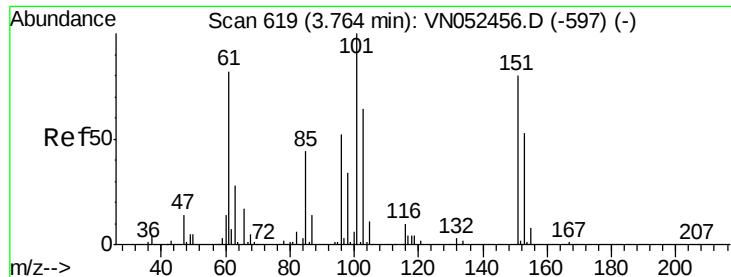


#8

Diethyl Ether
 Concen: 19.654 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

Tgt Ion: 74 Resp: 117702
 Ion Ratio Lower Upper
 74 100
 45 100.0 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.573 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

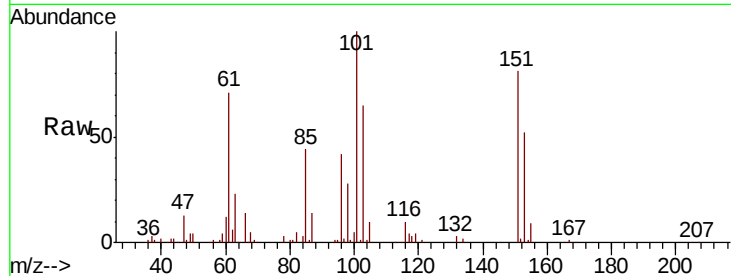
Tot Ion:101 Resp: 201230

Ion Ratio Lower Upper

101 100

85 42.6 0.0 82.6

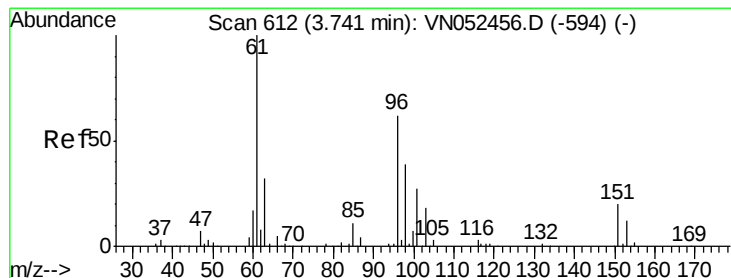
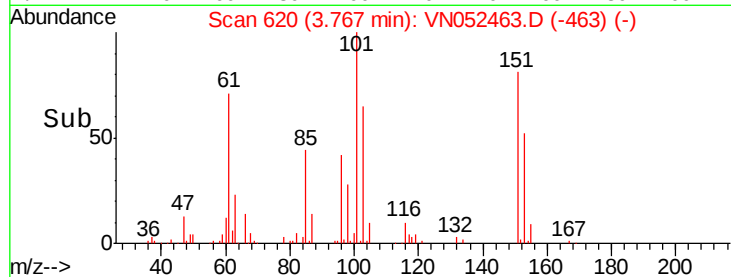
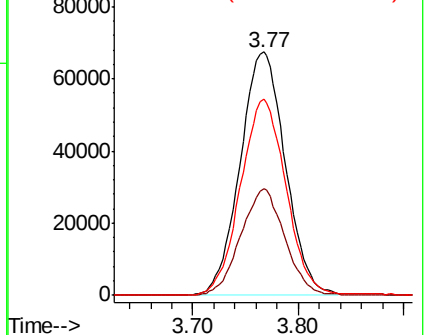
151 80.8 0.0 158.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.655 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

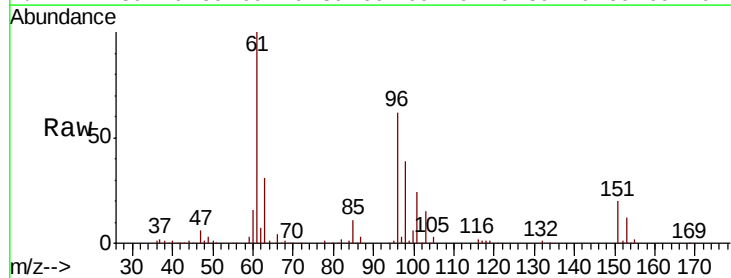
Tgt Ion: 96 Resp: 189999

Ion Ratio Lower Upper

96 100

61 162.4 129.4 194.2

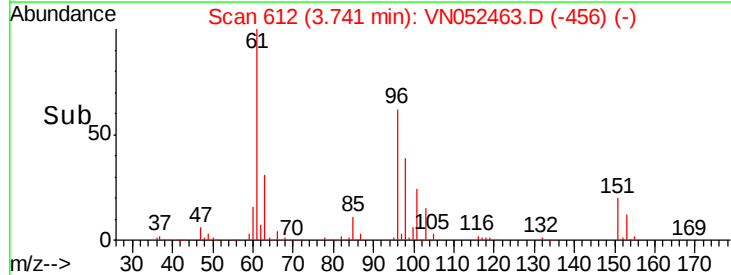
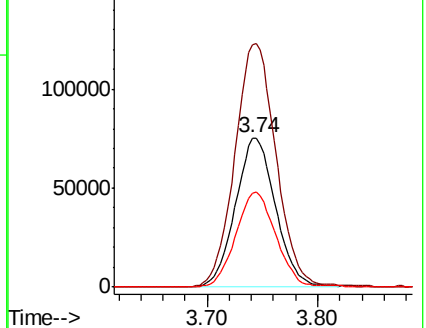
98 63.0 50.4 75.6

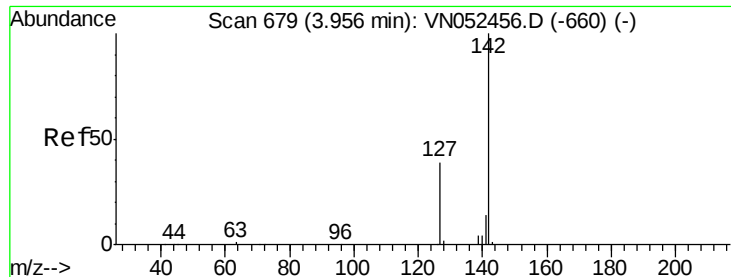


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

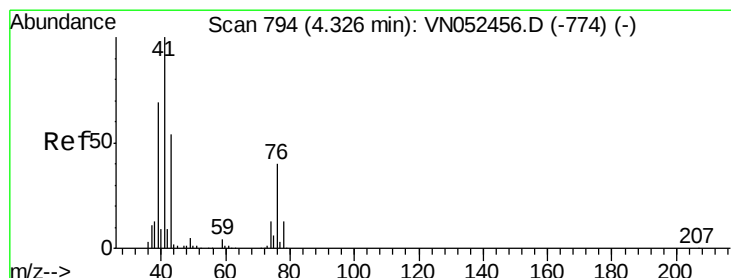
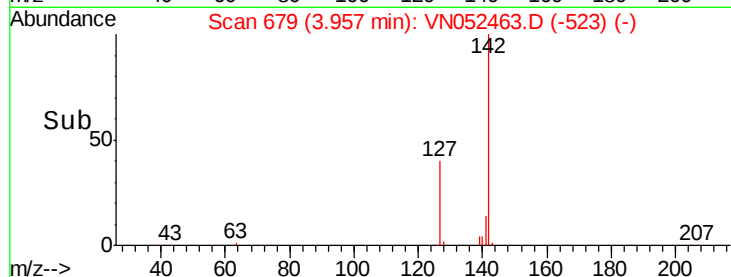
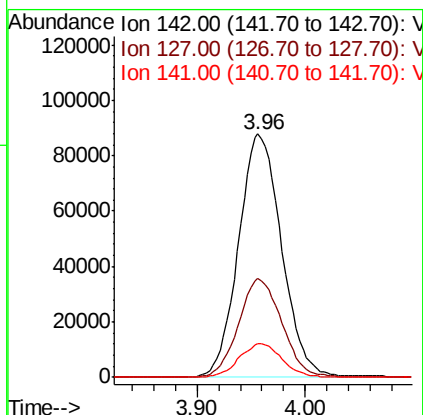
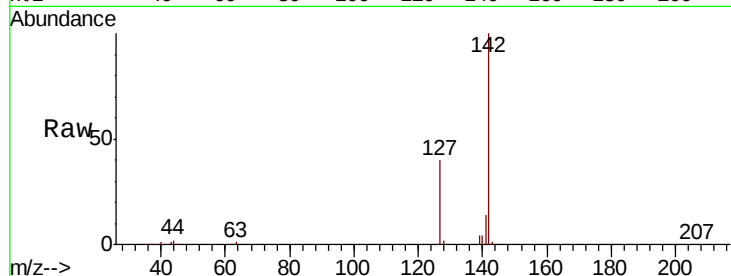




#11
Methyl Iodide
Concen: 18.152 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

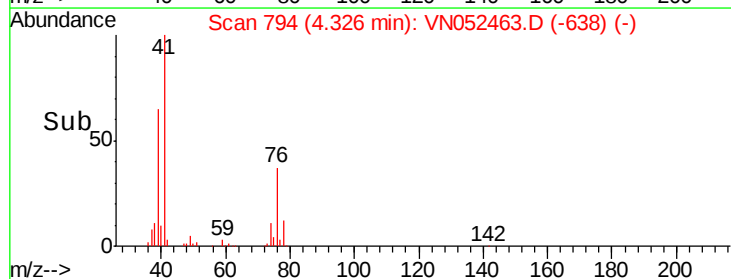
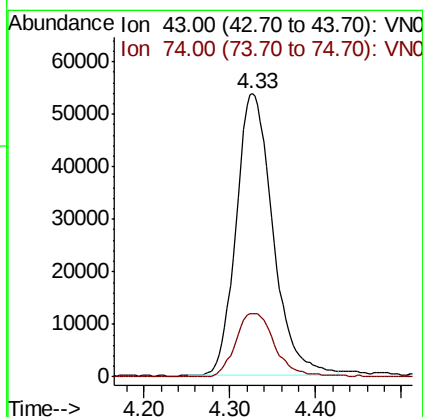
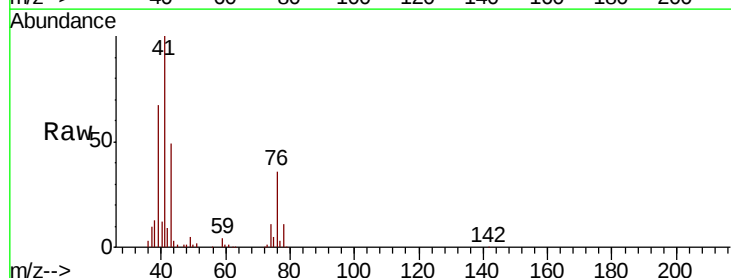
Instrument :
MSVOA_N
ClientSampled :

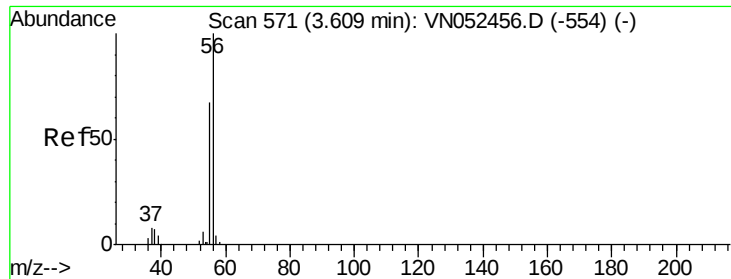
Tot Ion:142 Resp: 243633
Ion Ratio Lower Upper
142 100
127 40.4 19.4 58.1
141 13.9 7.2 21.6



#12
Methyl Acetate
Concen: 19.450 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion: 43 Resp: 159753
Ion Ratio Lower Upper
43 100
74 22.3 18.9 28.3





#13

Acrolein

Concen: 93.757 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

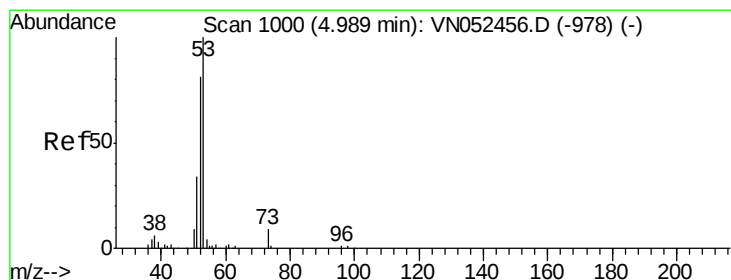
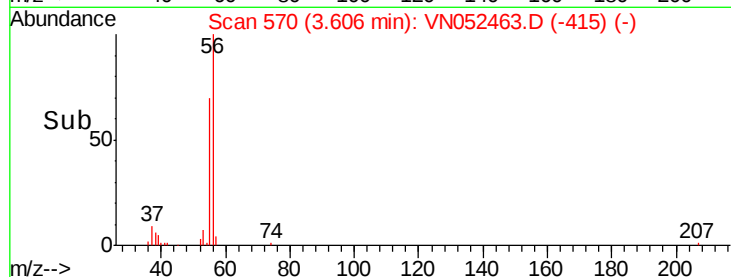
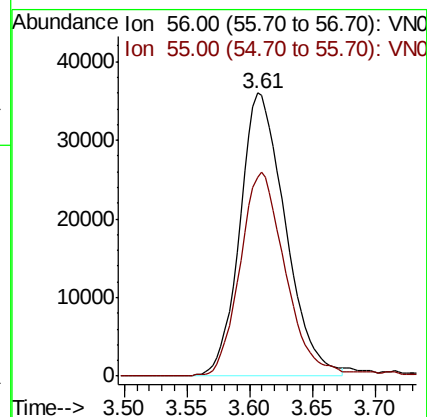
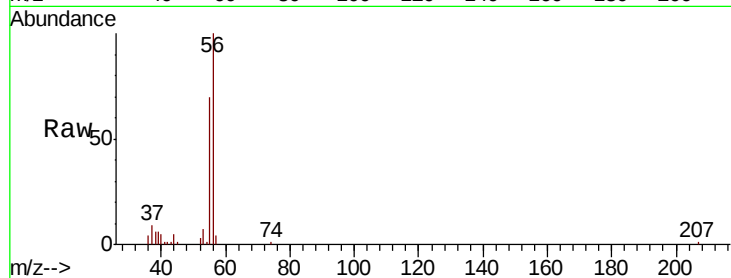
ClientSampleId :

Tot Ion: 56 Resp: 90457

Ion Ratio Lower Upper

56 100

55 71.6 56.7 85.1



#14

Acrylonitrile

Concen: 96.749 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

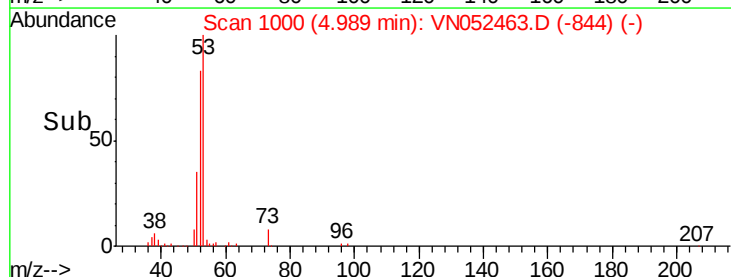
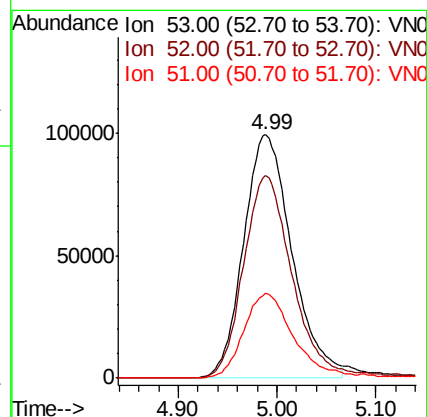
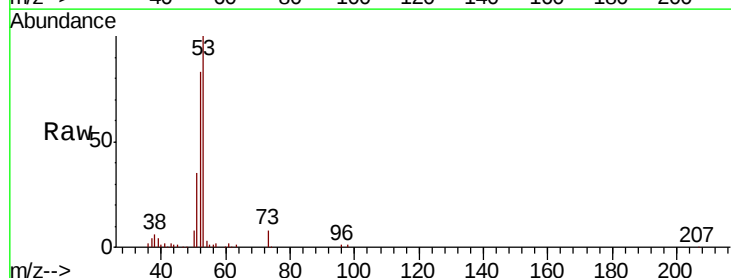
Tgt Ion: 53 Resp: 338587

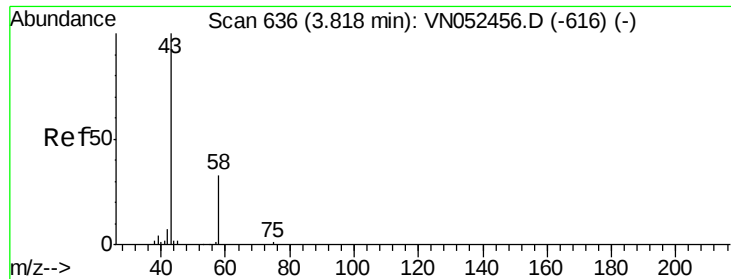
Ion Ratio Lower Upper

53 100

52 83.1 39.9 119.7

51 35.7 17.6 52.9





#15

Acetone

Concen: 93.915 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

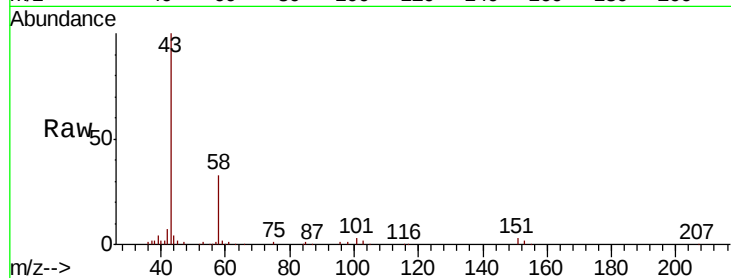
ClientSampleId :

Tot Ion: 58 Resp: 85117

Ion Ratio Lower Upper

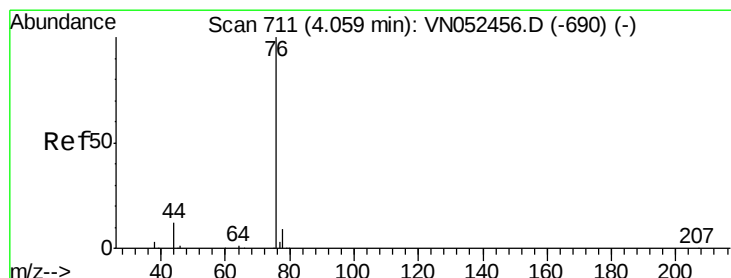
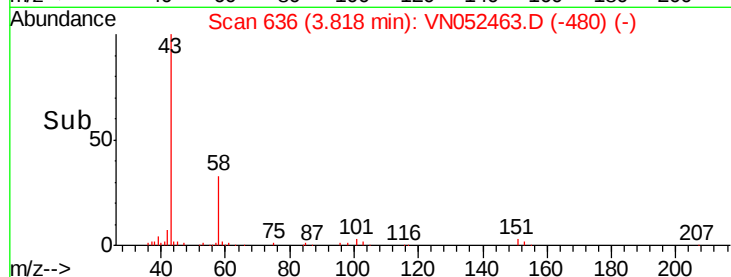
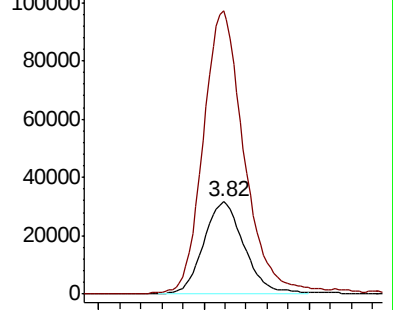
58 100

43 304.6 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): VN052456.D (-616) (-)

Ion 43.00 (42.70 to 43.70): VN052456.D (-616) (-)



#16

Carbon Disulfide

Concen: 18.876 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052463.D

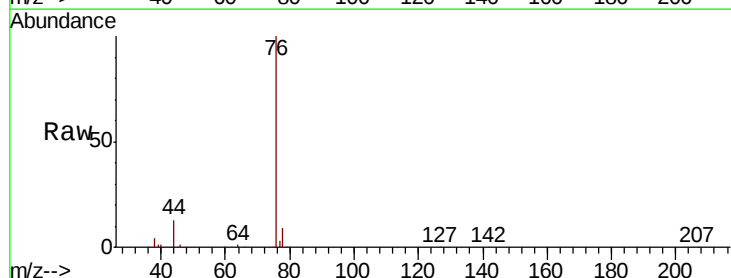
Acq: 26 Nov 2018 17:11

Tgt Ion: 76 Resp: 577704

Ion Ratio Lower Upper

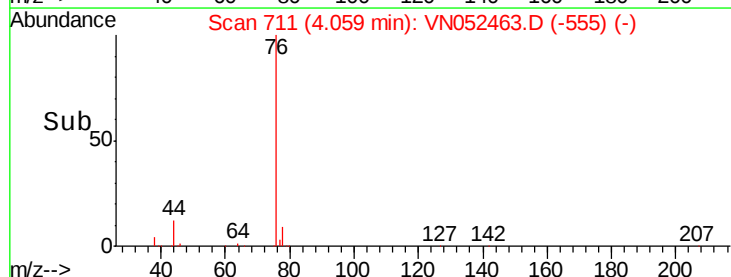
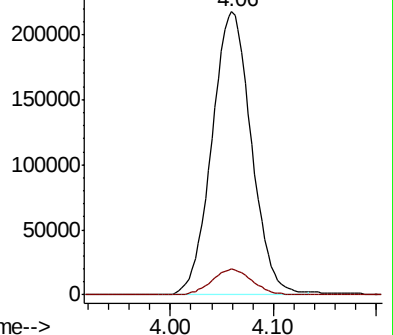
76 100

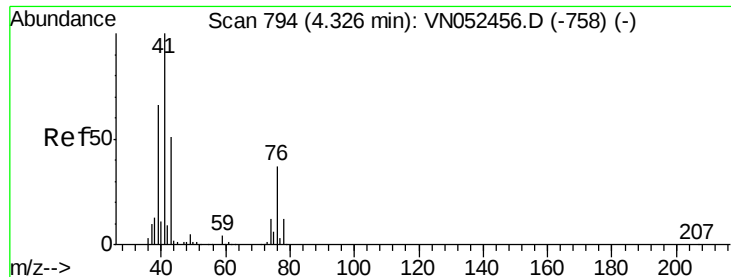
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN052456.D (-690) (-)

Ion 78.00 (77.70 to 78.70): VN052456.D (-690) (-)

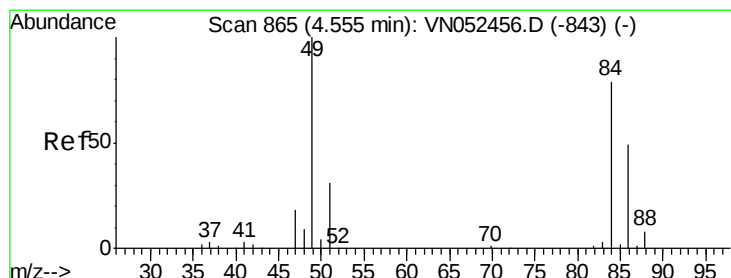
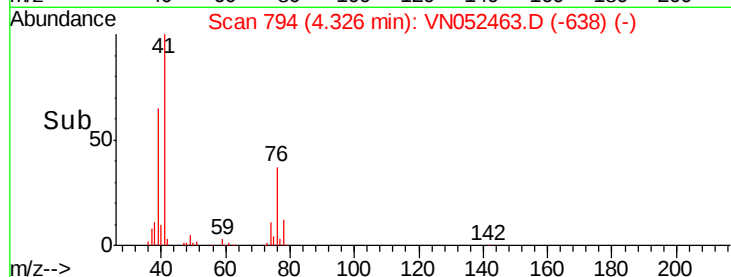
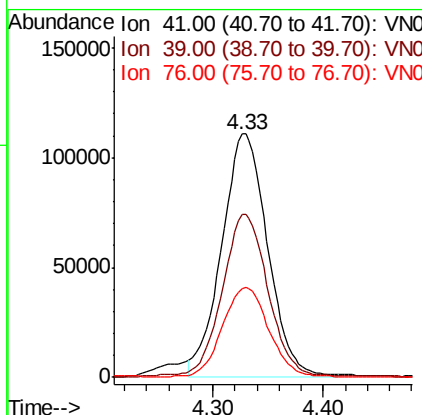
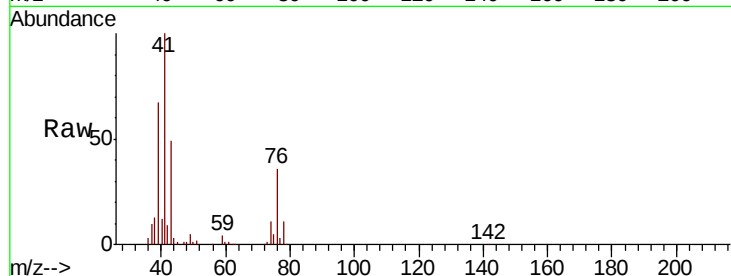




#17
Allvl chloride
Concen: 18.939 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

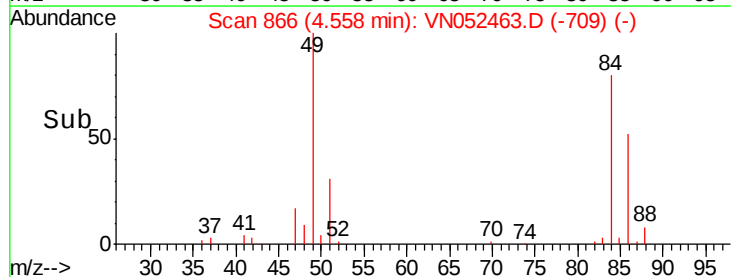
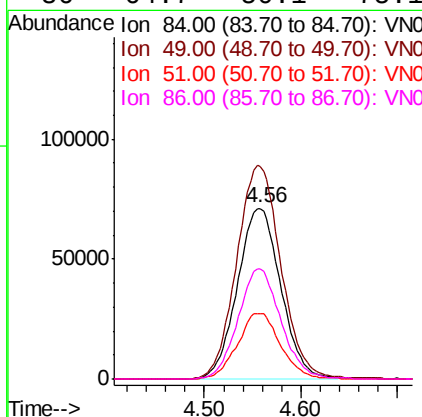
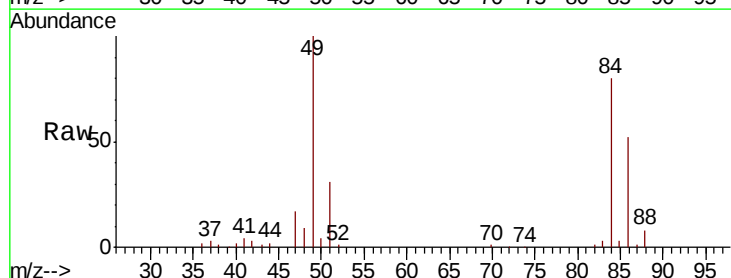
Instrument :
MSVOA_N
ClientSampled :

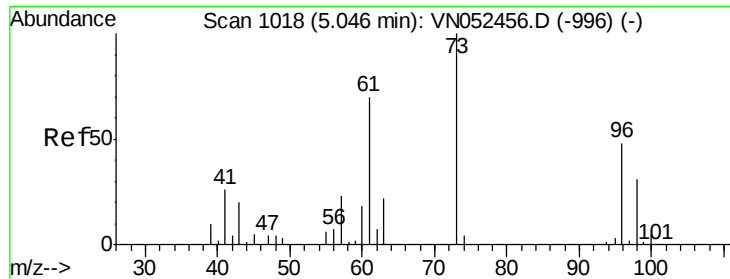
Tot Ion: 41 Resp: 319279
Ion Ratio Lower Upper
41 100
39 66.7 32.8 98.3
76 36.2 18.6 55.8



#18
Methylene Chloride
Concen: 19.812 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion: 84 Resp: 221748
Ion Ratio Lower Upper
84 100
49 124.7 101.4 152.0
51 38.2 31.7 47.5
86 64.7 50.1 75.1

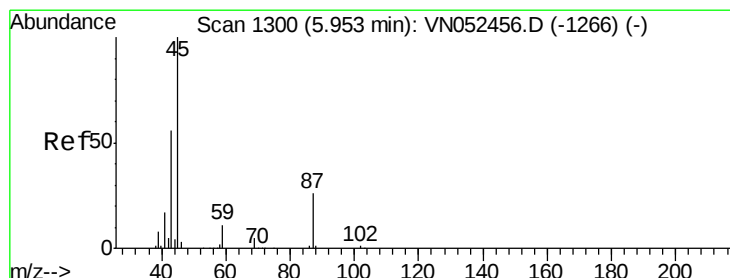
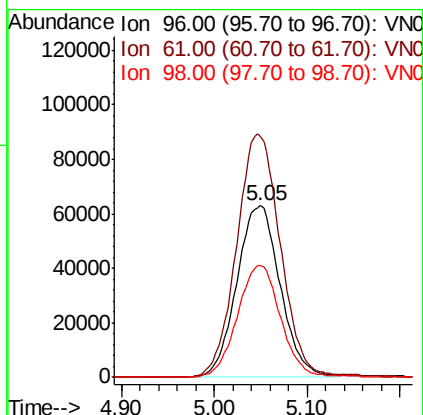
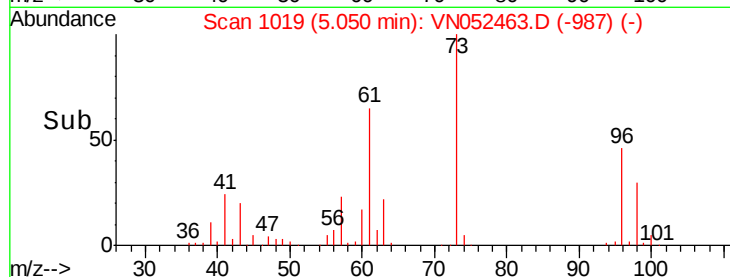
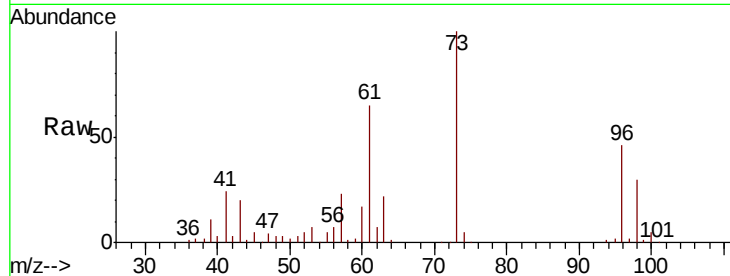




#19
trans-1,2-Dichloroethene
Concen: 19.715 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

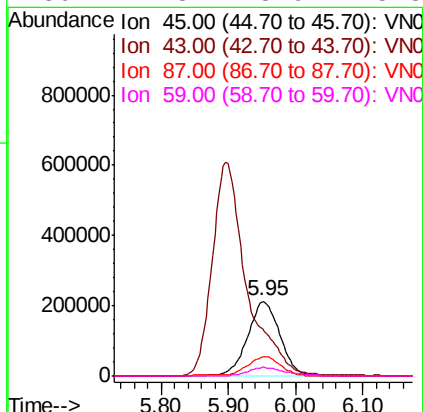
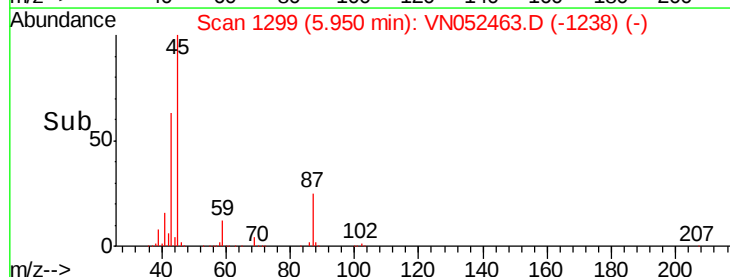
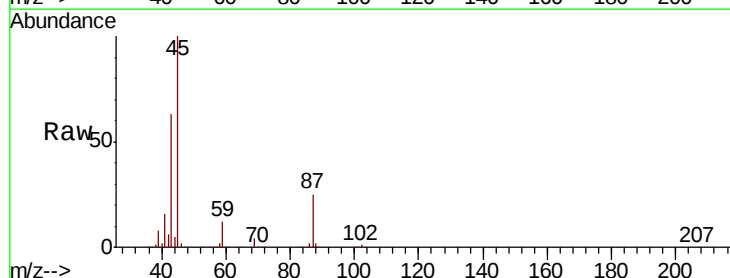
Instrument :
MSVOA_N
ClientSampleId :

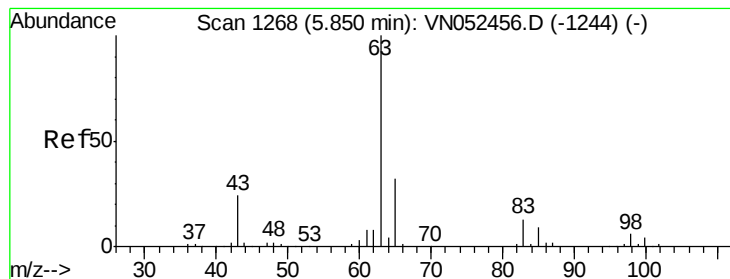
Tot Ion: 96 Resp: 205101
Ion Ratio Lower Upper
96 100
61 140.7 118.2 177.4
98 65.3 51.4 77.2



#20
Diisopropyl ether
Concen: 20.029 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion: 45 Resp: 709576
Ion Ratio Lower Upper
45 100
43 61.9 47.8 71.8
87 25.3 21.3 31.9
59 11.3 8.9 13.3





#21

1,1-Dichloroethane

Concen: 20.007 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

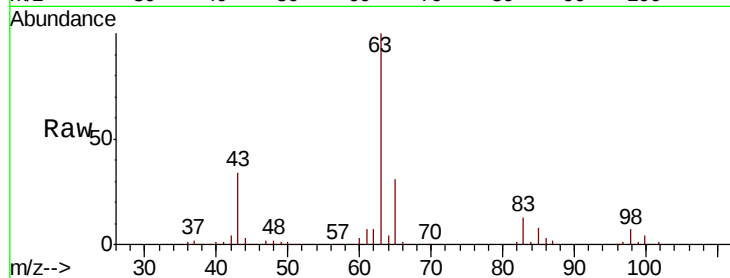
Tot Ion: 63 Resp: 403979

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.9 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VN052456.D (-1244) (-)

Ion 98.00 (97.70 to 98.70): VN052456.D (-1244) (-)

Ion 100.00 (99.70 to 100.70): VN052456.D (-1244) (-)

5.85

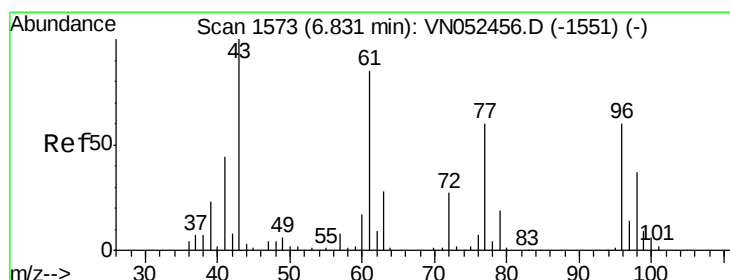
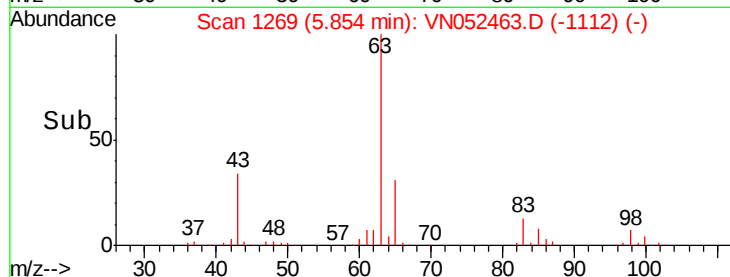
150000

100000

50000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 19.963 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

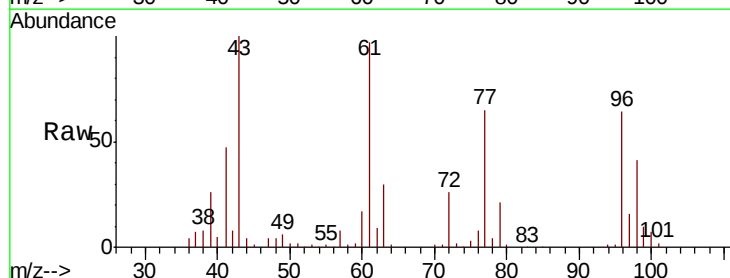
Tgt Ion: 96 Resp: 238011

Ion Ratio Lower Upper

96 100

61 147.5 116.7 175.1

98 63.1 50.8 76.2



Abundance Ion 96.00 (95.70 to 96.70): VN052456.D (-1551) (-)

Ion 61.00 (60.70 to 61.70): VN052456.D (-1551) (-)

Ion 98.00 (97.70 to 98.70): VN052456.D (-1551) (-)

6.83

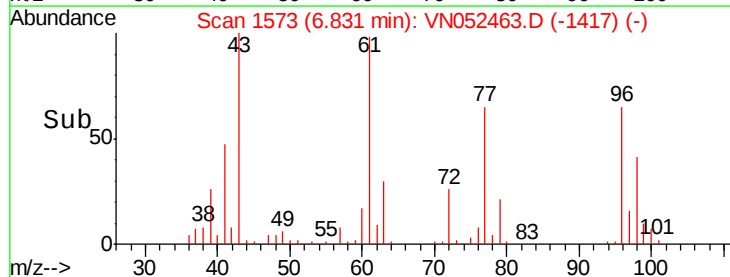
150000

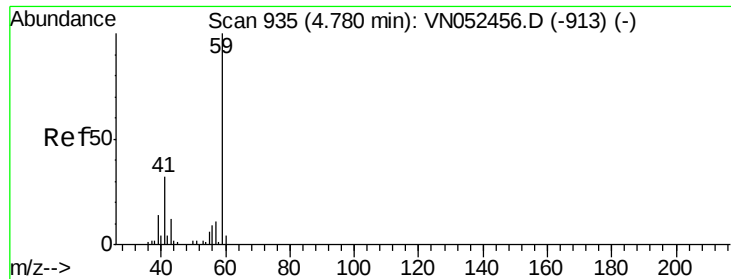
100000

50000

0

Time-->

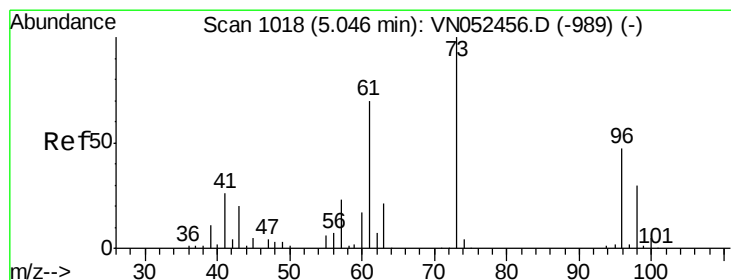
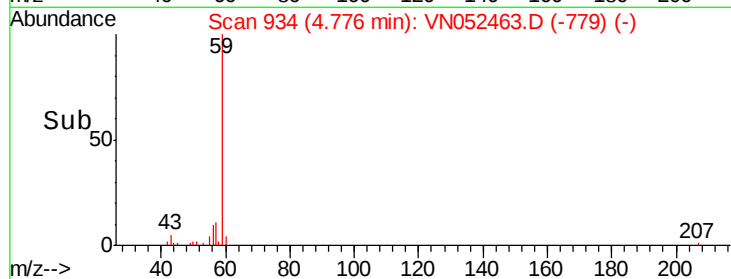
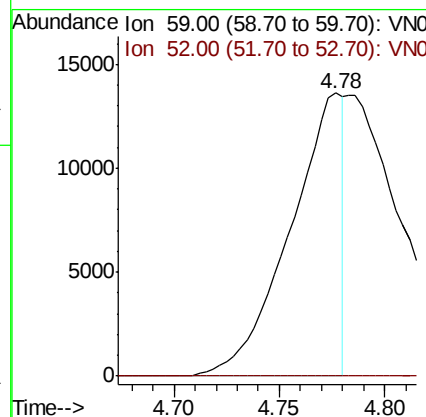
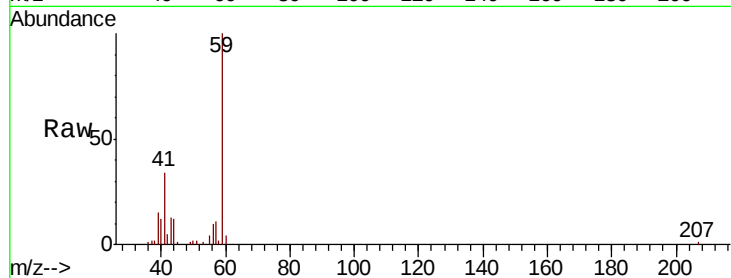




#23
tert-Butyl Alcohol
Concen: 45.384 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

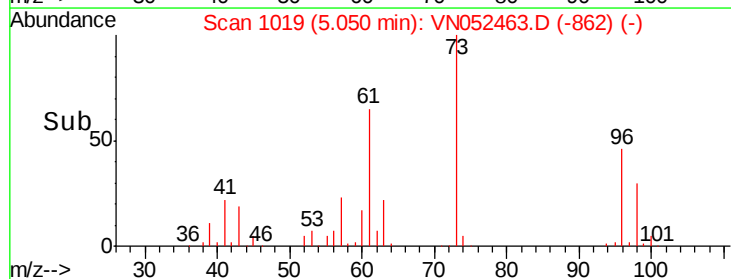
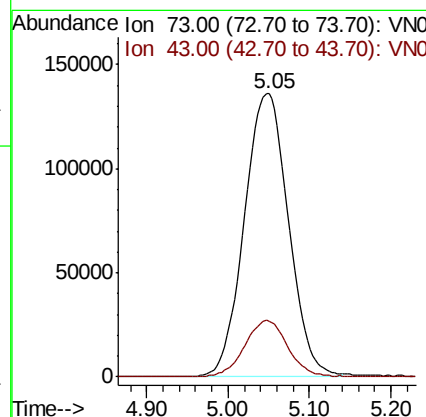
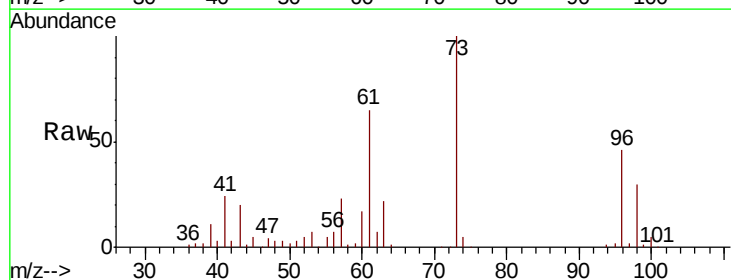
Instrument :
MSVOA_N
ClientSampleId :

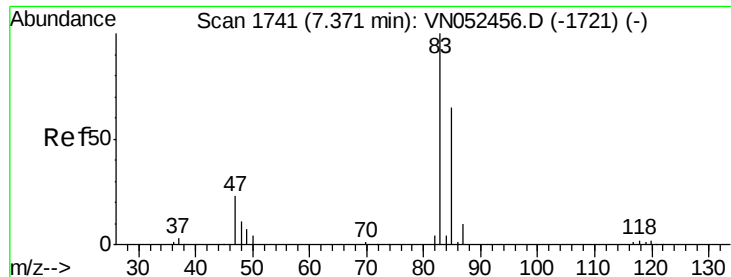
Tot Ion: 59 Resp: 23627
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.168 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion: 73 Resp: 511465
Ion Ratio Lower Upper
73 100
43 19.0 15.8 23.8





#25

Chloroform

Concen: 20.147 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

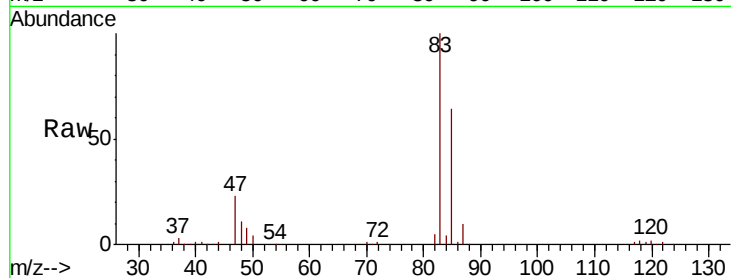
ClientSampleId :

Tot Ion: 83 Resp: 392468

Ion Ratio Lower Upper

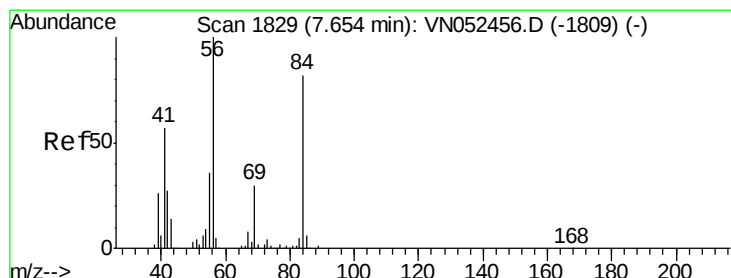
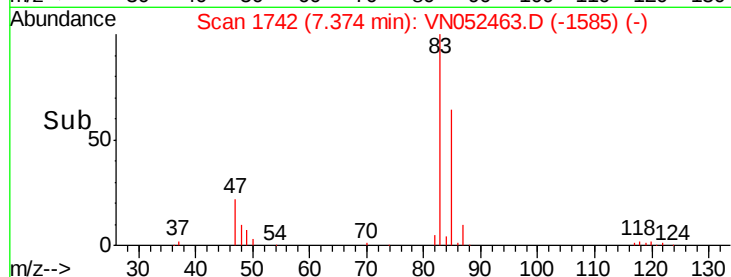
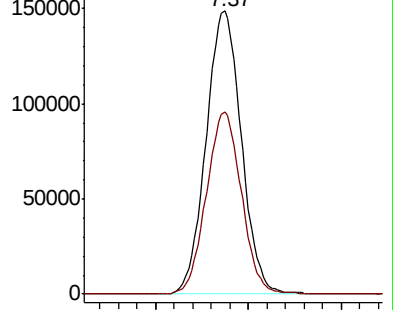
83 100

85 64.3 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 19.258 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

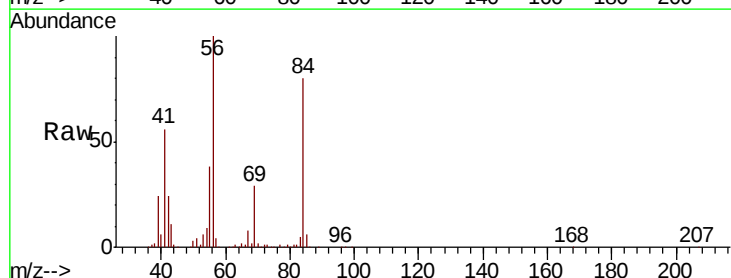
Tgt Ion: 56 Resp: 366763

Ion Ratio Lower Upper

56 100

89 0.1 0.5 0.7#

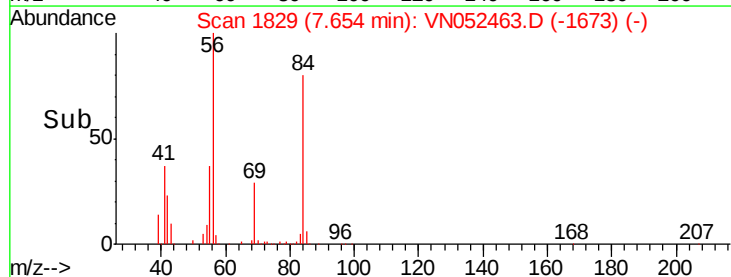
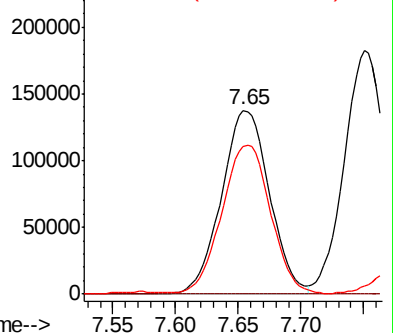
84 82.7 66.2 99.2

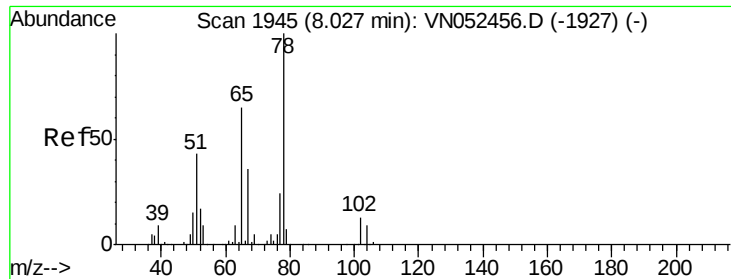


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 19.258 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

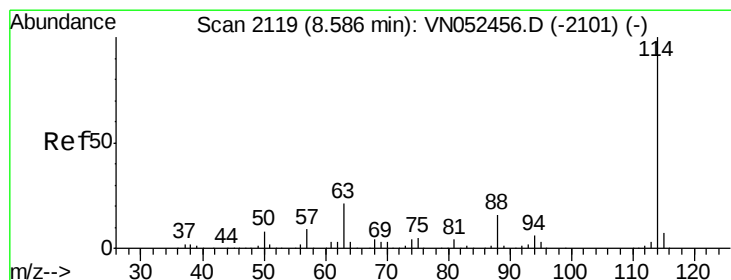
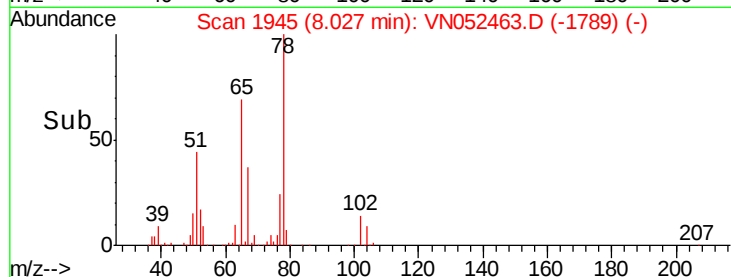
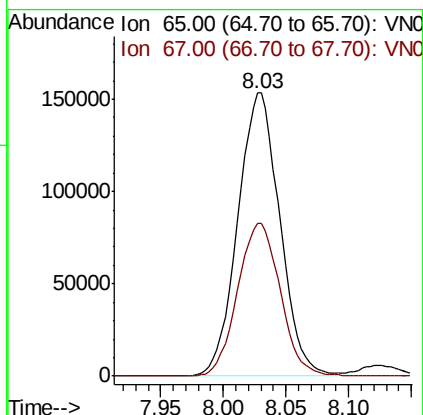
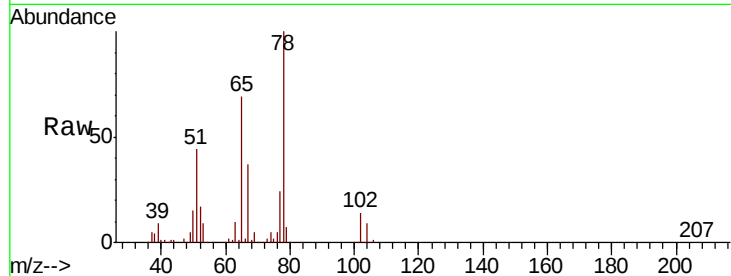
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 358010

Ion Ratio Lower Upper

65 100

67 54.8 44.6 66.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

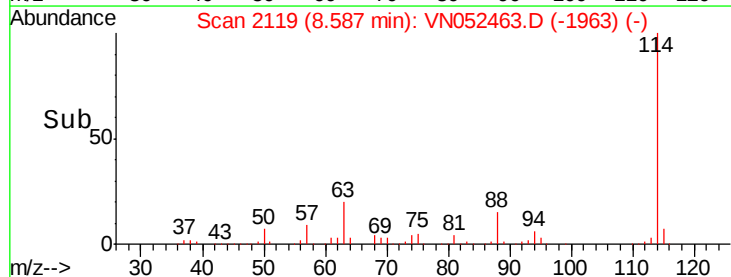
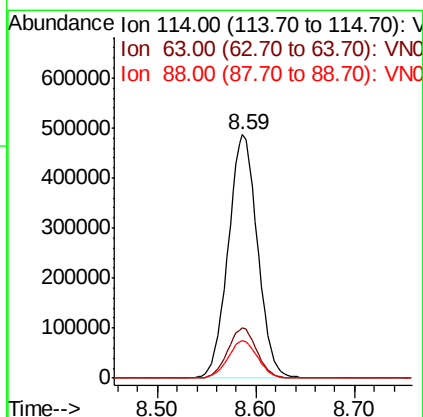
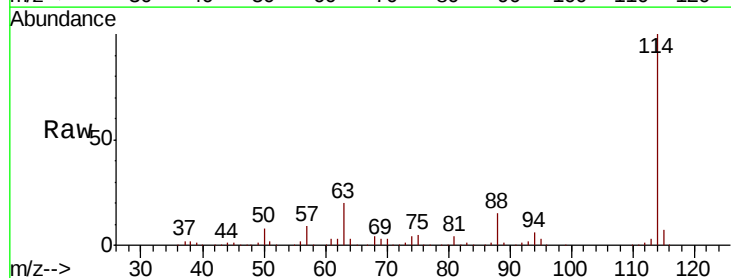
Tgt Ion: 114 Resp: 1008154

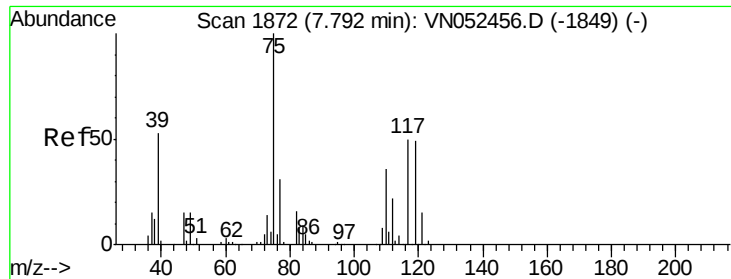
Ion Ratio Lower Upper

114 100

63 20.6 16.9 25.3

88 15.6 12.8 19.2

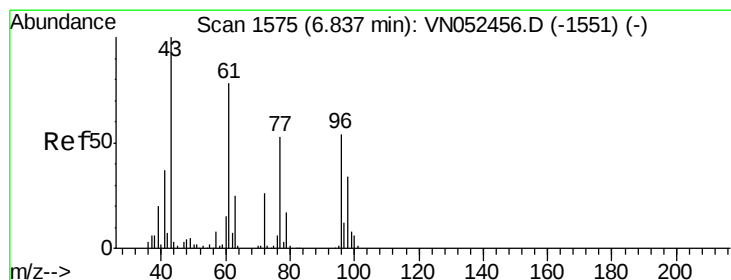
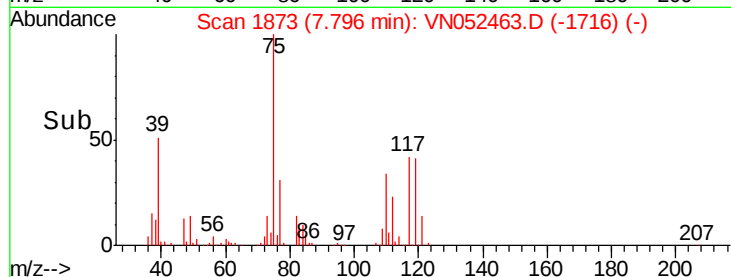
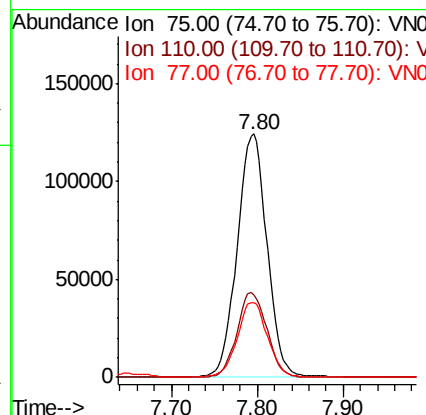
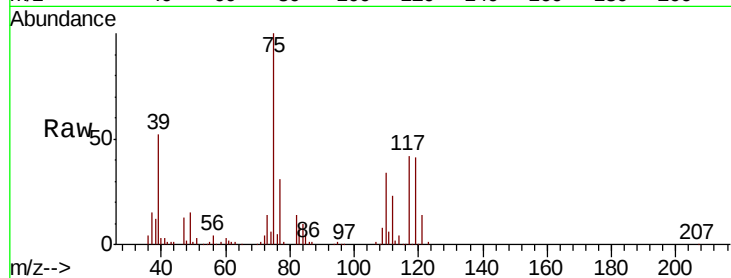




#29
 1,1-Dichloropropene
 Concen: 19.520 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

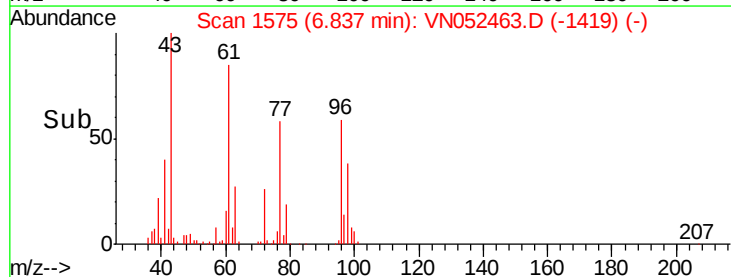
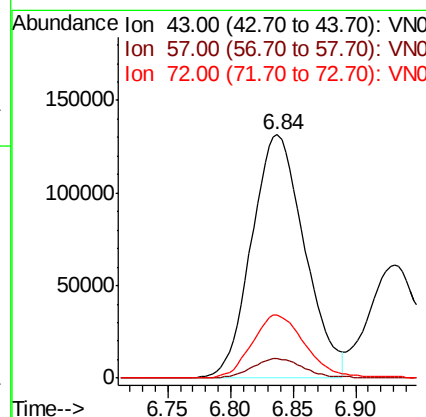
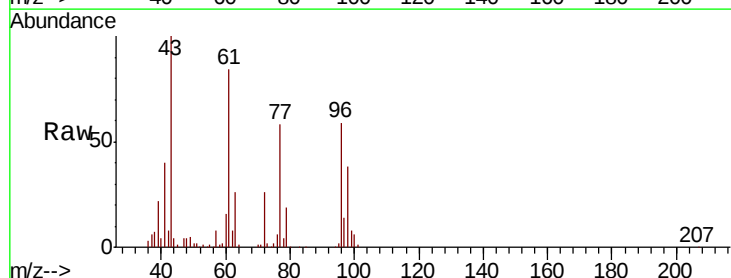
Instrument :
 MSVOA_N
 ClientSampleId :

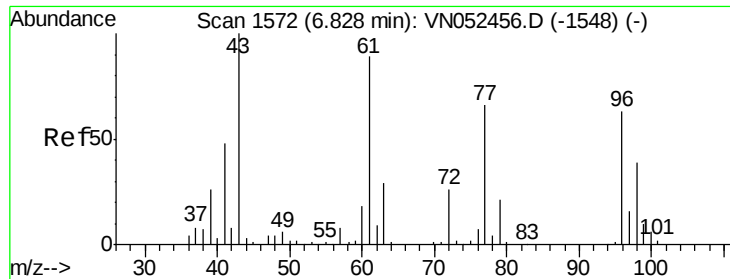
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.7	0.0	70.2
77	31.3	0.0	62.6



#30
 2-Butanone
 Concen: 93.367 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.2	9.4
72	26.1	21.0	31.6

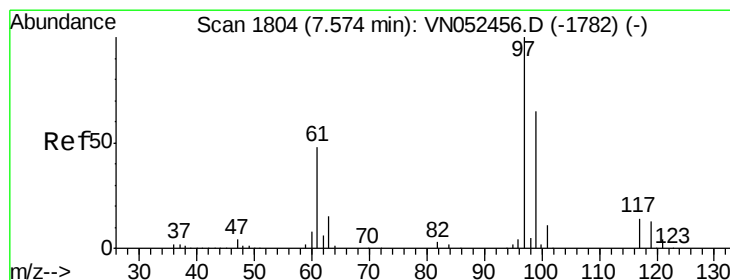
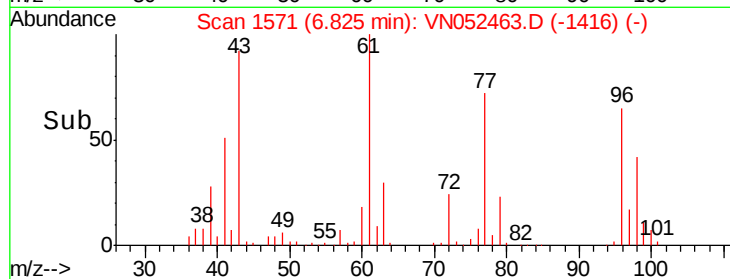
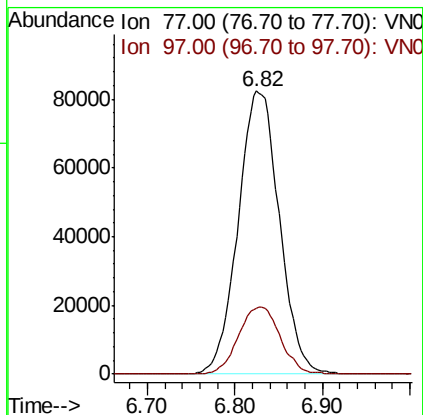
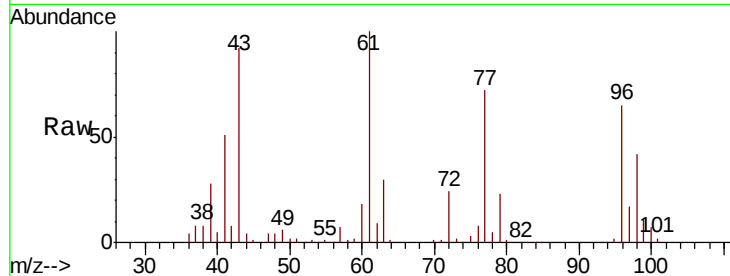




#31
 2,2-Dichloropropane
 Concen: 18.971 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

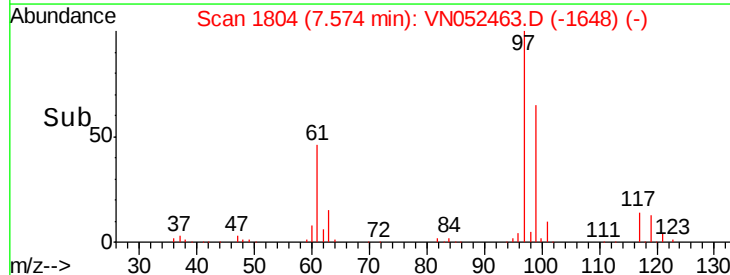
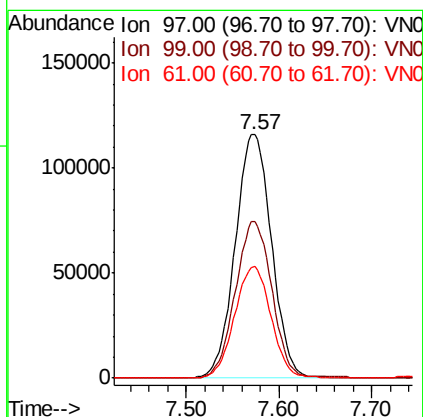
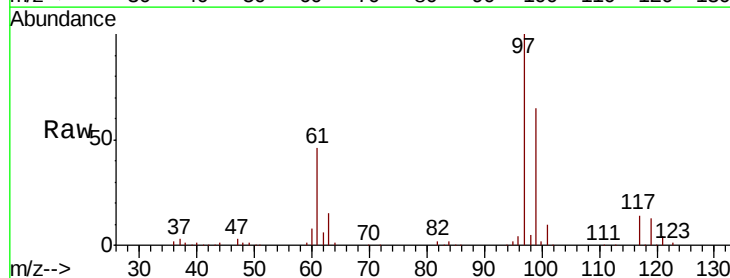
Instrument :
 MSVOA_N
 ClientSampleId :

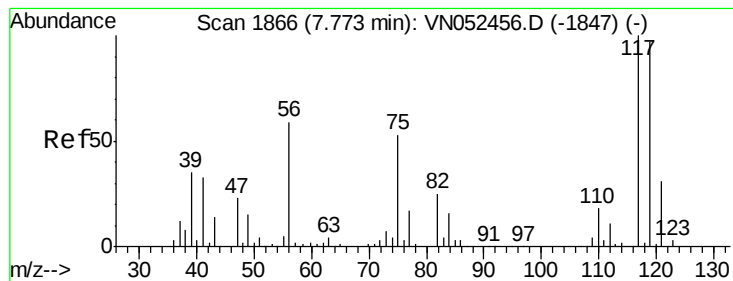
Tot Ion: 77 Resp: 268878
 Ion Ratio Lower Upper
 77 100
 97 24.1 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 19.710 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

Tgt Ion: 97 Resp: 315746
 Ion Ratio Lower Upper
 97 100
 99 64.5 50.9 76.3
 61 45.8 38.1 57.1





#33

Carbon Tetrachloride

Concen: 19.494 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampled :

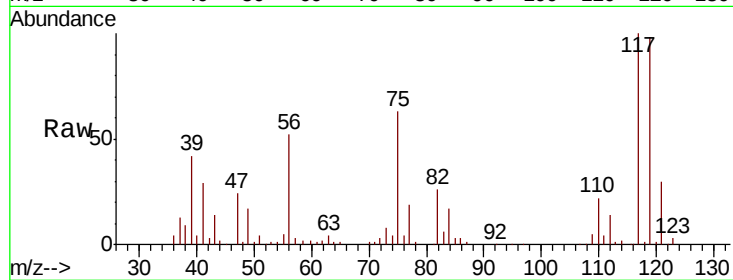
Tot Ion:117 Resp: 273244

Ion Ratio Lower Upper

117 100

119 97.4 77.3 115.9

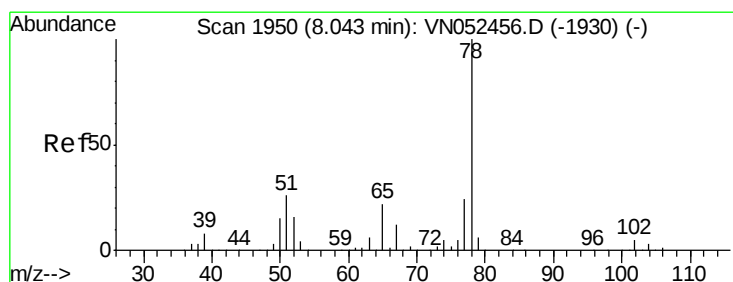
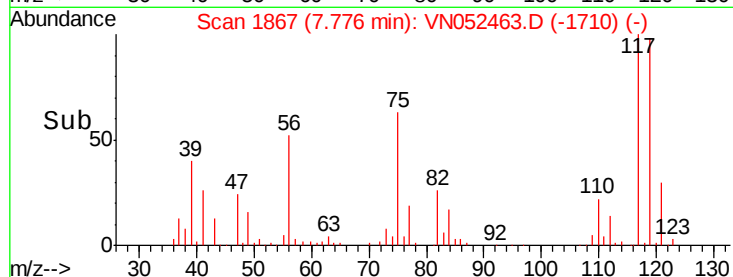
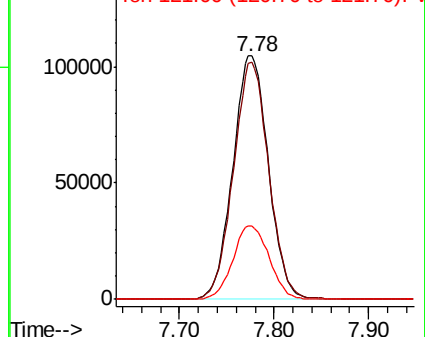
121 29.9 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.649 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

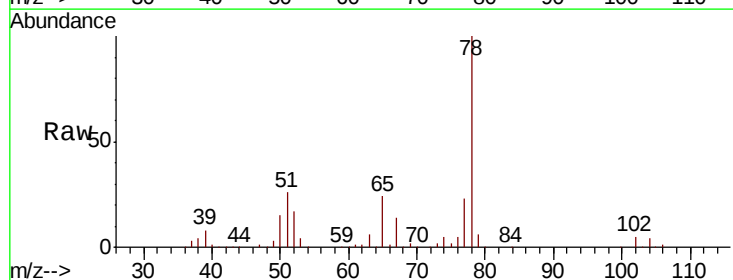
Tgt Ion: 78 Resp: 909512

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

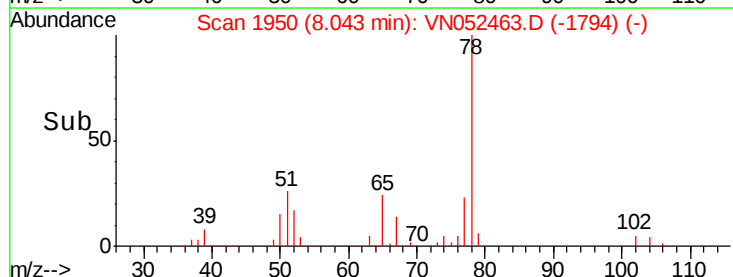
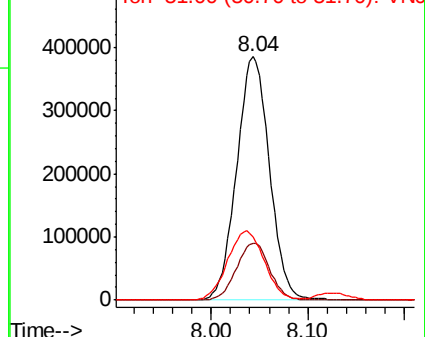
51 26.1 20.5 30.7

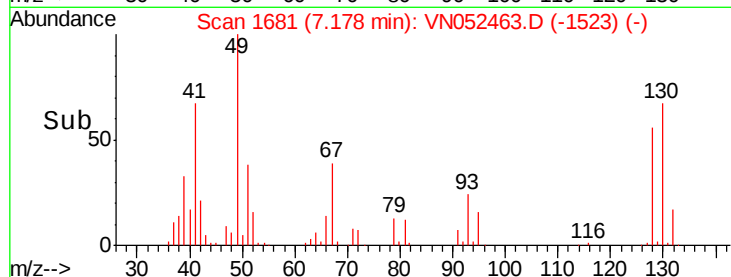
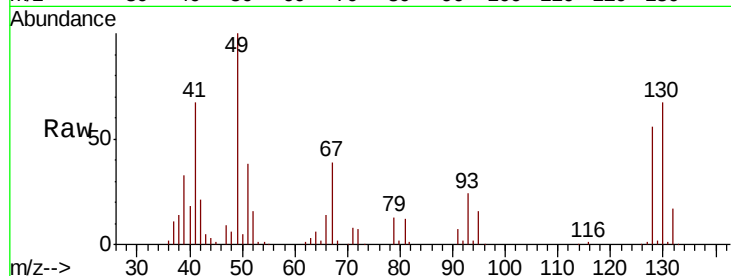
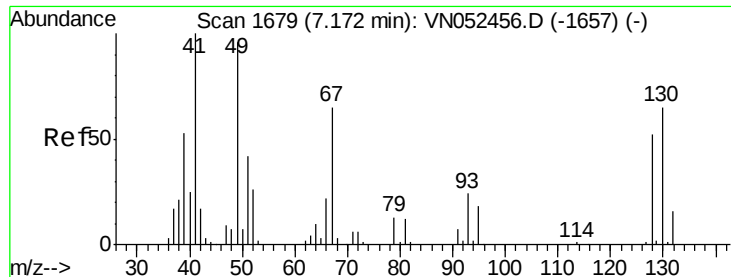


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

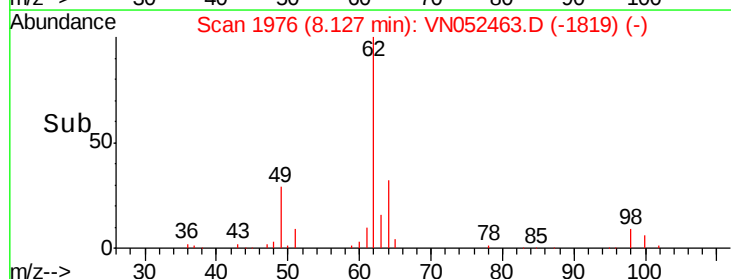
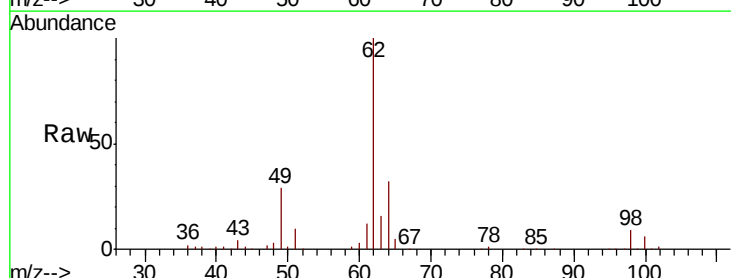
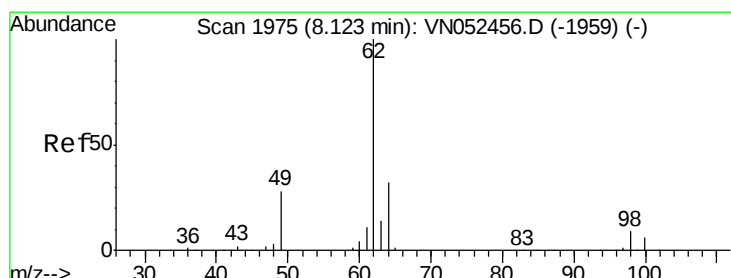
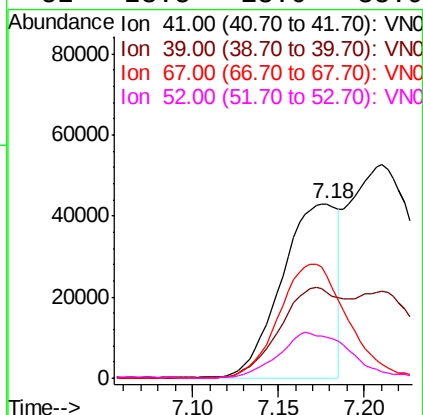
Ion 51.00 (50.70 to 51.70): V





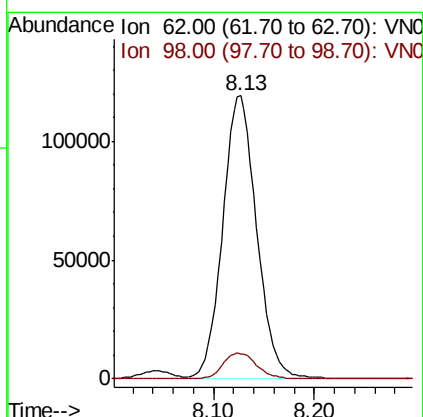
#35
Methacrylonitrile
Concen: 19.064 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

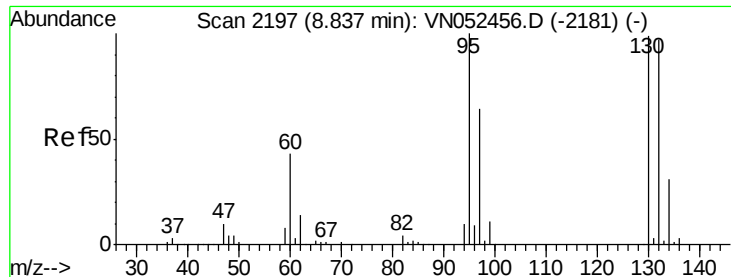
Tot Ion: 41 Resp: 97437
Ion Ratio Lower Upper
41 100
39 48.7 26.6 79.7
67 58.9 32.3 96.9
52 23.8 13.0 38.9



#36
1,2-Dichloroethane
Concen: 19.763 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion: 62 Resp: 277210
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2

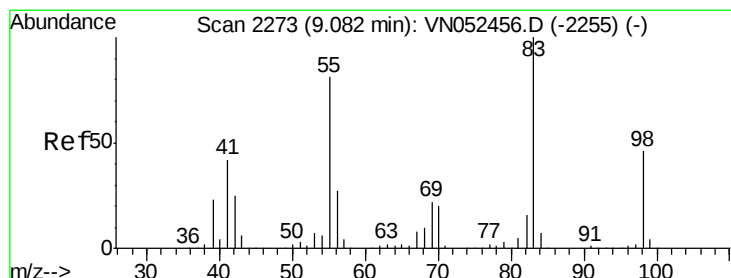
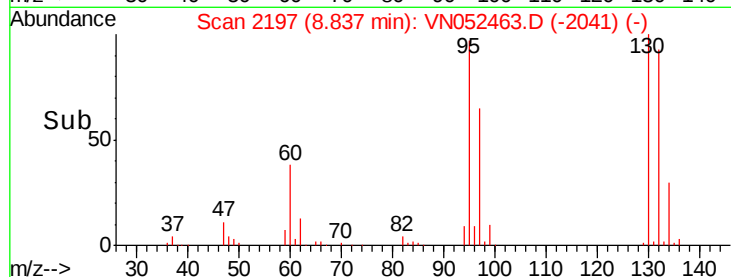
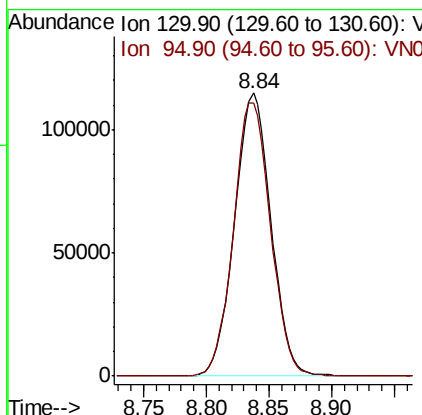
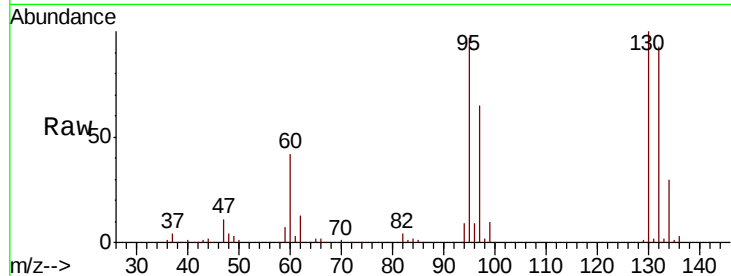




#37
 Trichloroethene
 Concen: 19.748 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

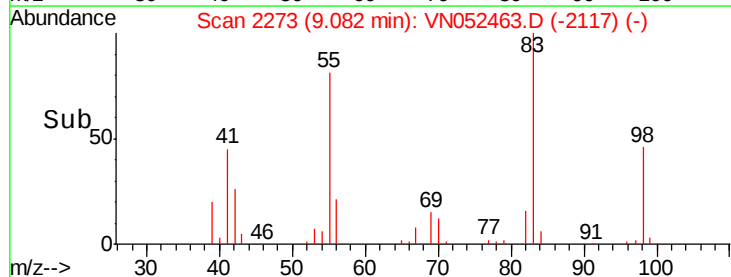
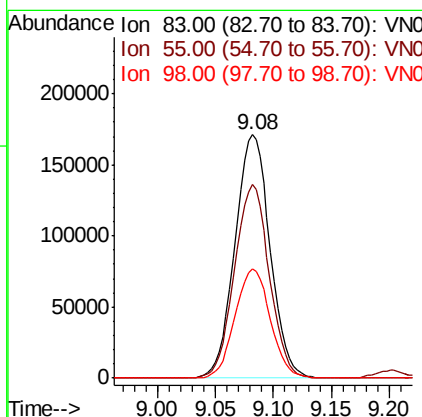
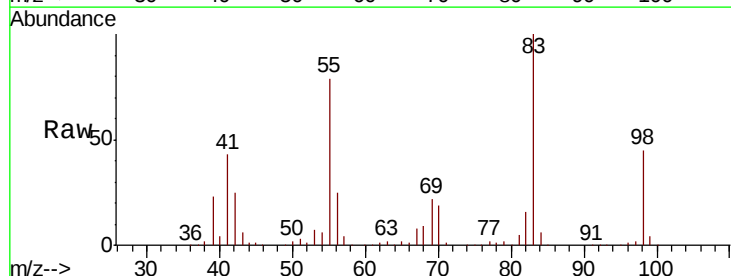
Instrument :
 MSVOA_N
 ClientSampleId :

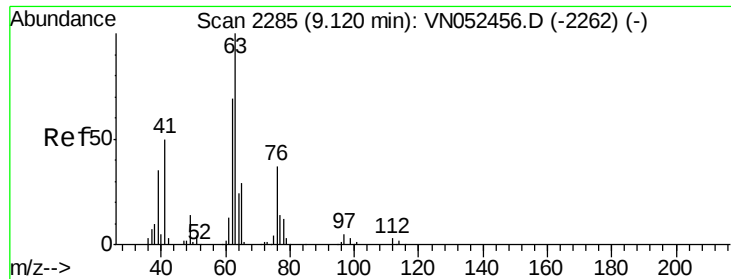
Tot Ion:130 Resp: 231794
 Ion Ratio Lower Upper
 130 100
 95 96.6 81.0 121.4



#38
 Methylcyclohexane
 Concen: 18.900 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

Tgt Ion: 83 Resp: 360209
 Ion Ratio Lower Upper
 83 100
 55 78.6 39.8 119.4
 98 45.1 22.9 68.5

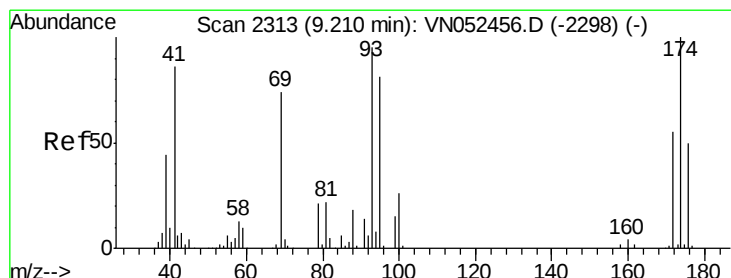
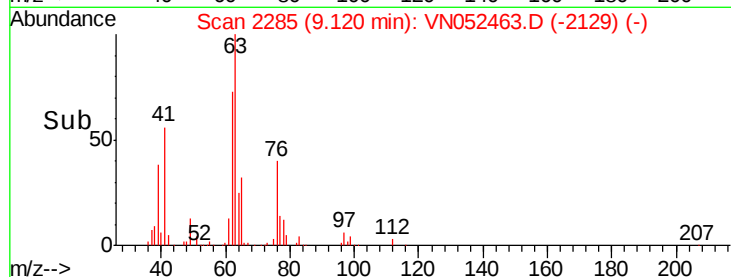
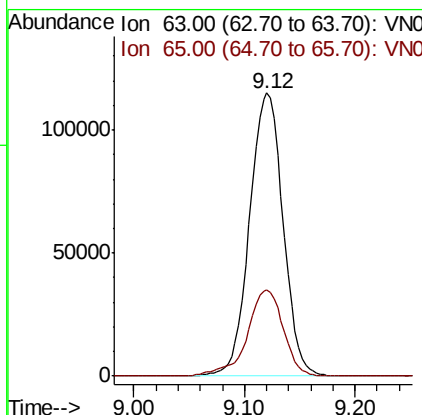
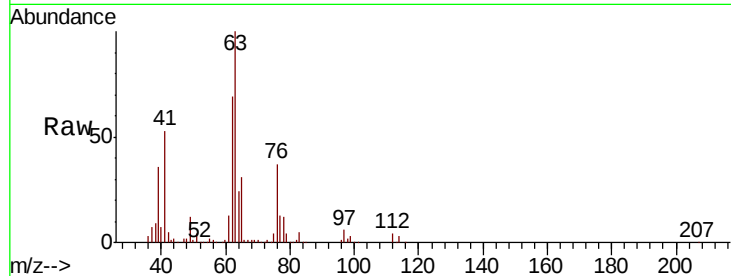




#39
 1,2-Dichloropropane
 Concen: 19.565 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

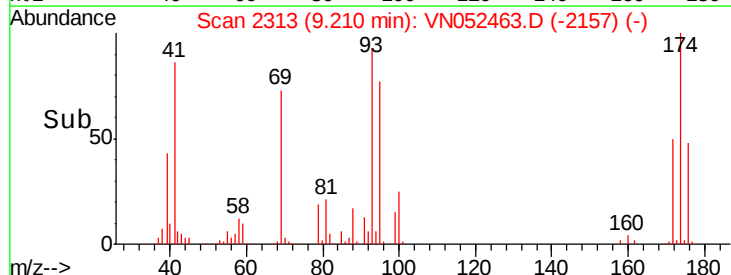
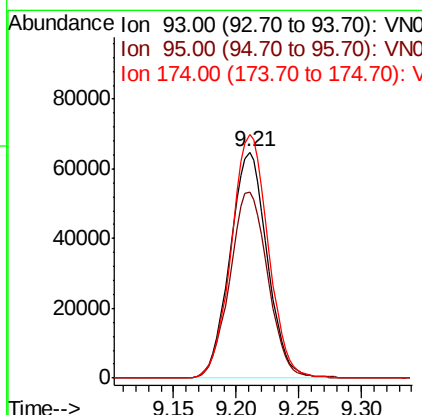
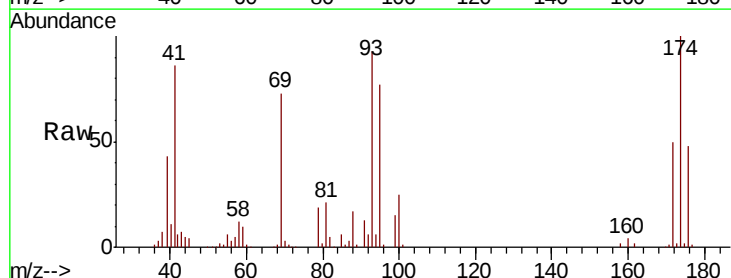
Instrument :
 MSVOA_N
 ClientSampled :

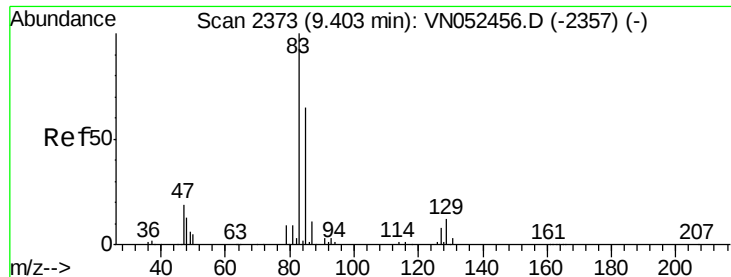
Tot Ion: 63 Resp: 242754
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.6 35.4



#40
 Dibromomethane
 Concen: 19.930 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

Tgt Ion: 93 Resp: 133629
 Ion Ratio Lower Upper
 93 100
 95 84.2 0.0 168.4
 174 107.2 0.0 210.0





#41

Bromodichloromethane

Concen: 19.267 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

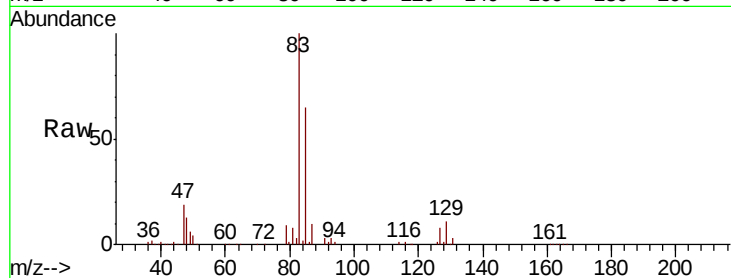
Tot Ion: 83 Resp: 285411

Ion Ratio Lower Upper

83 100

85 64.6 52.4 78.6

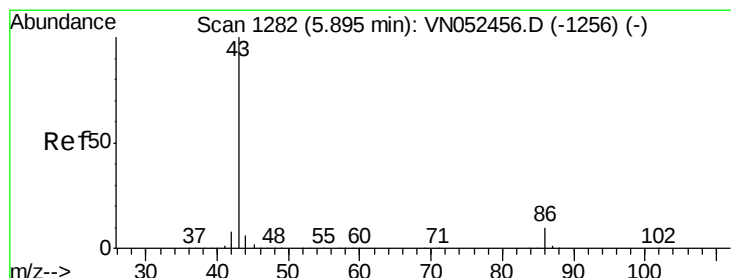
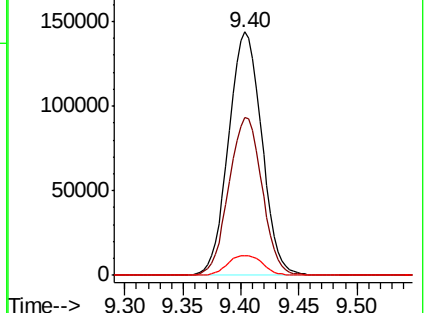
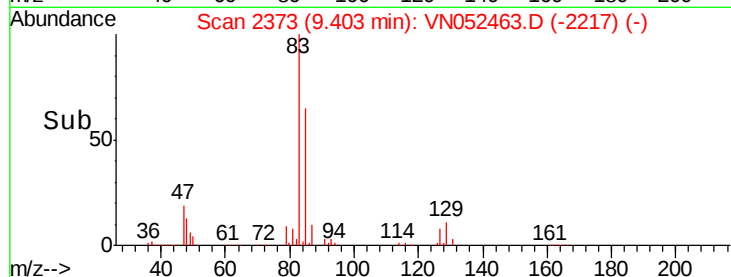
127 8.2 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 97.051 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052463.D

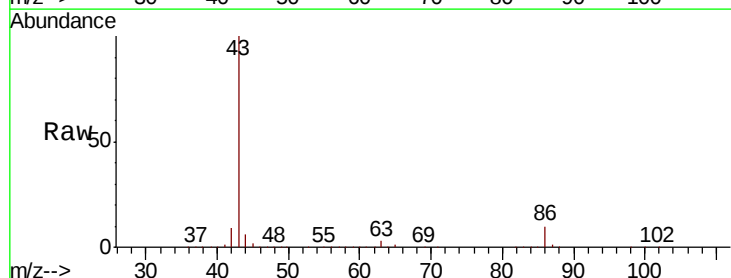
Acq: 26 Nov 2018 17:11

Tgt Ion: 43 Resp: 2163230

Ion Ratio Lower Upper

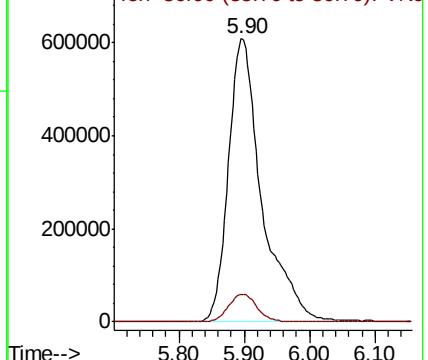
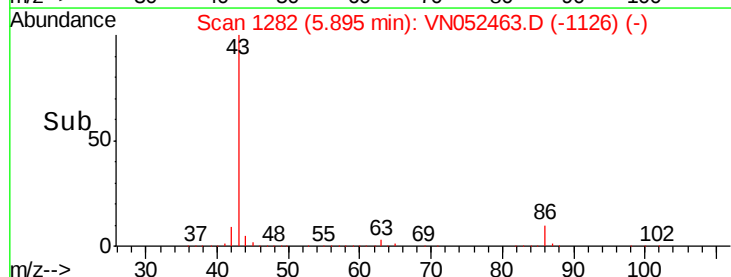
43 100

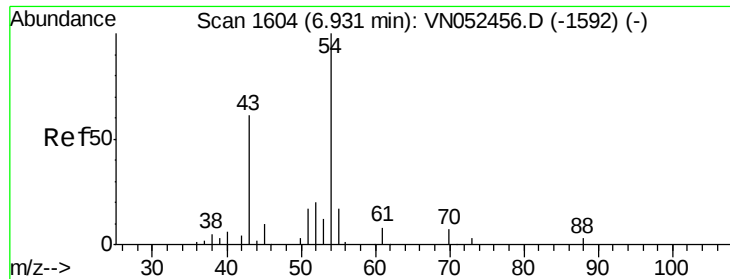
86 8.4 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

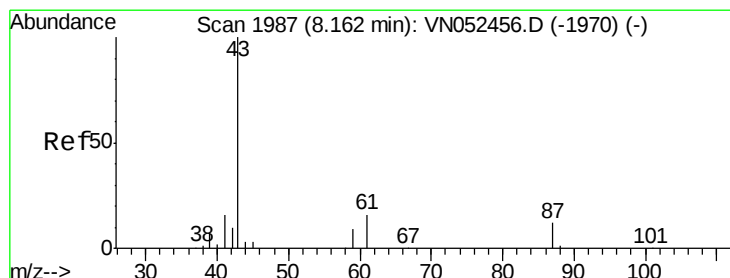
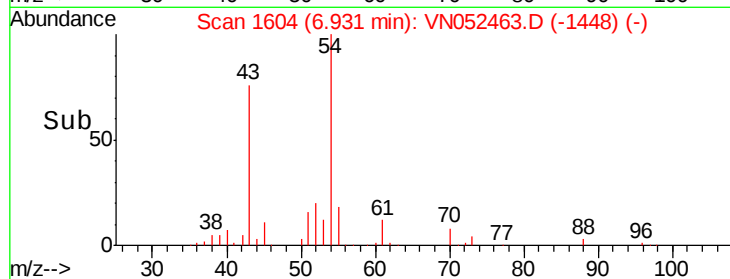
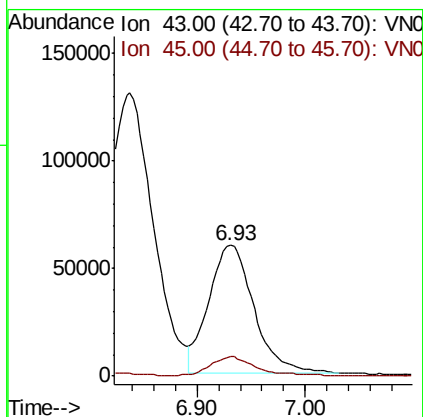
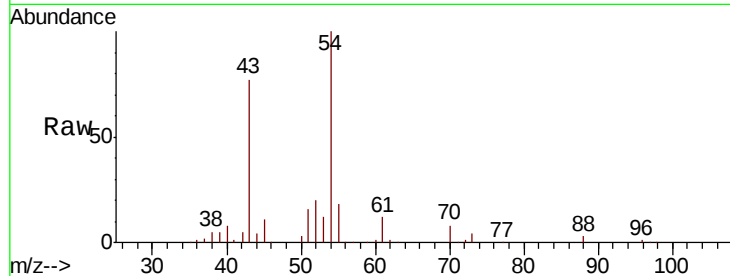




#43
Ethyl Acetate
Concen: 19.847 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

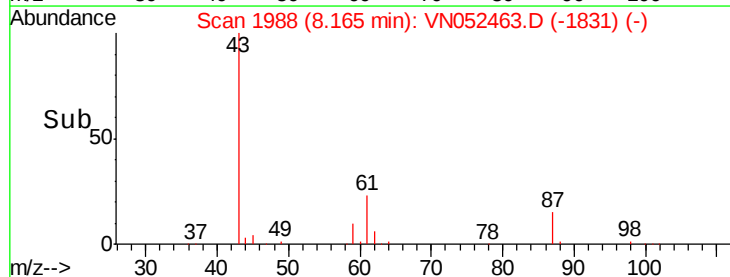
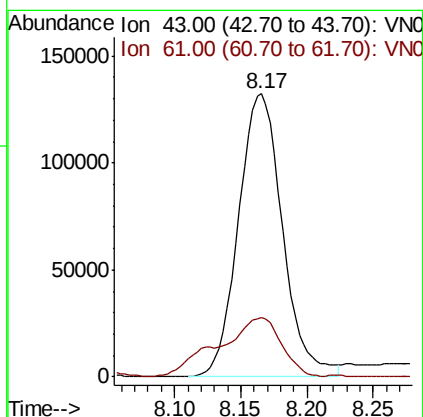
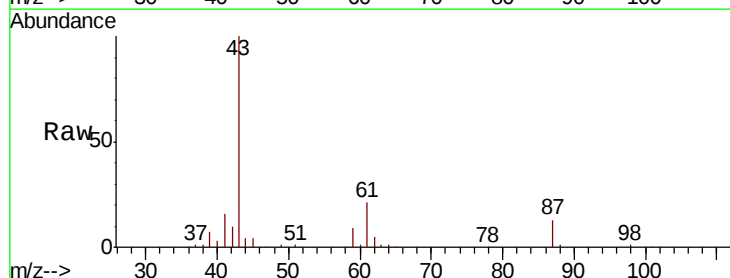
Instrument :
MSVOA_N
ClientSampleId :

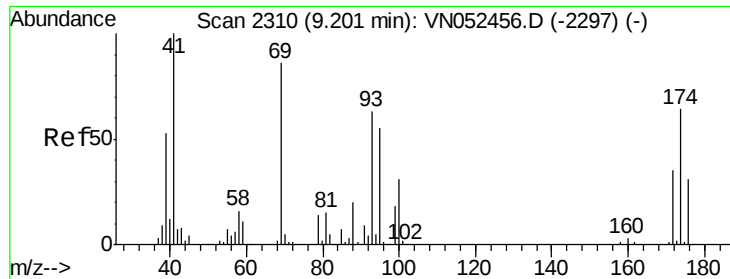
Tot Ion: 43 Resp: 173854
Ion Ratio Lower Upper
43 100
45 13.2 1.0 1.6#



#44
Isopropyl Acetate
Concen: 19.758 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion: 43 Resp: 303551
Ion Ratio Lower Upper
43 100
61 19.1 16.0 24.0

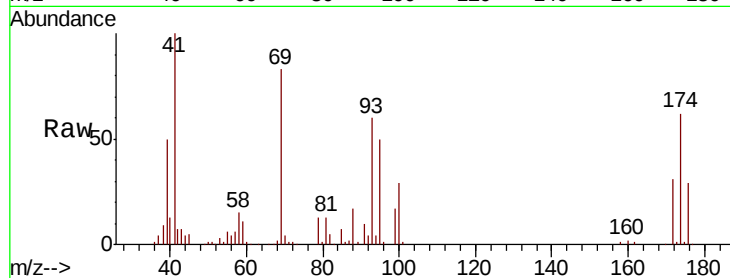




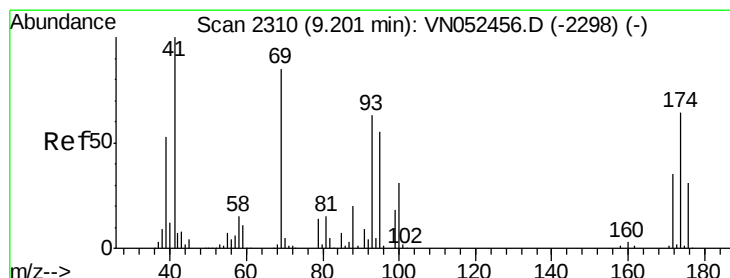
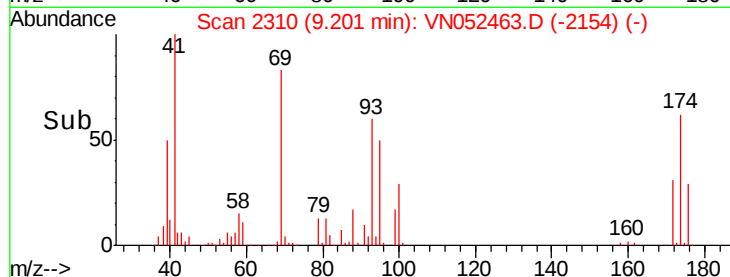
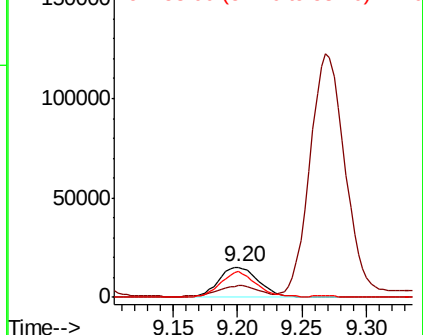
#45
1,4-Dioxane
Concen: 391.832 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 32932
Ion Ratio Lower Upper
88 100
43 36.2 29.5 44.3
58 75.5 61.5 92.3

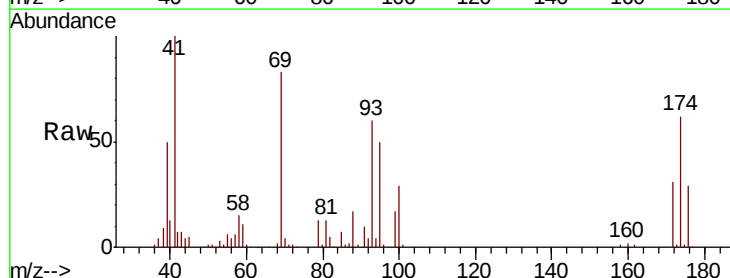


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

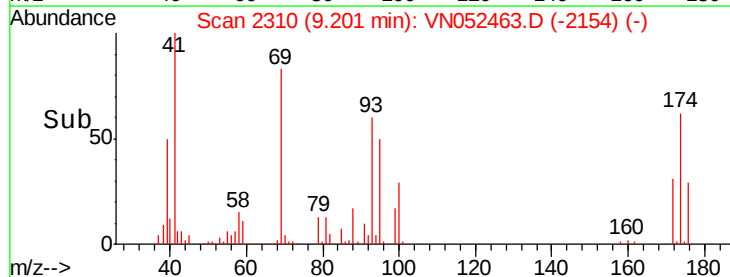
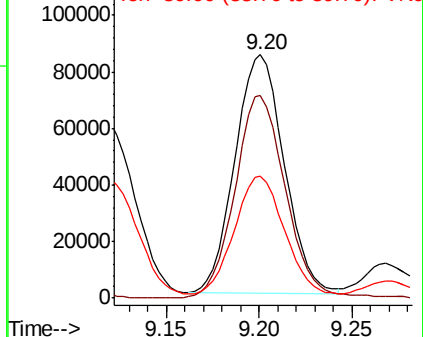


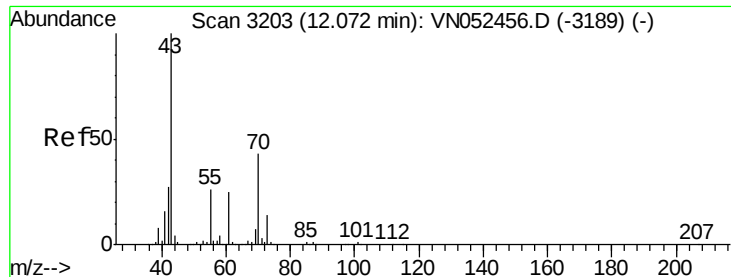
#46
Methyl methacrylate
Concen: 19.578 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion: 41 Resp: 156173
Ion Ratio Lower Upper
41 100
69 84.3 42.5 127.6
39 49.8 26.3 78.9



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

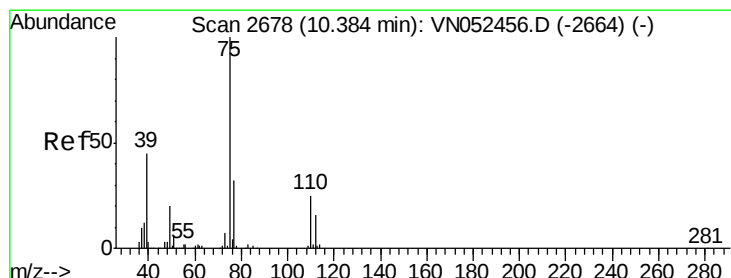
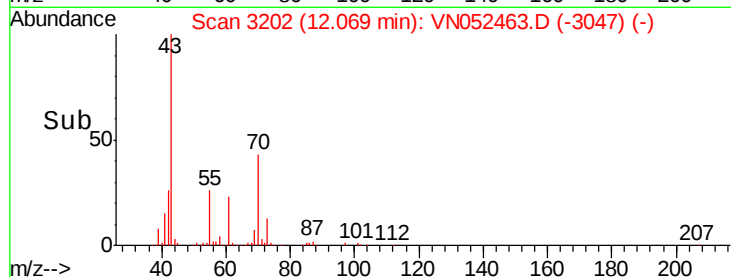
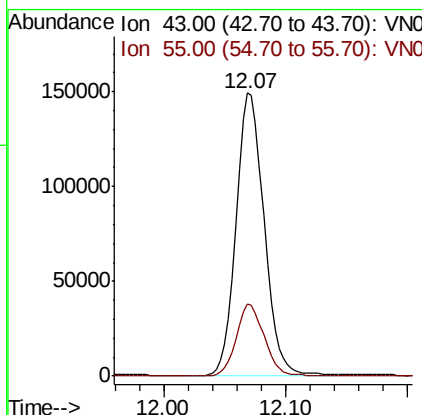
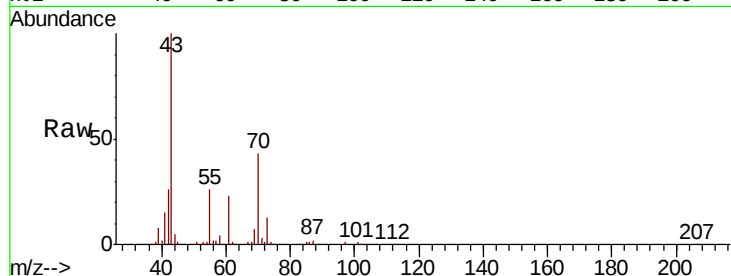




#47
n-amvl Acetate
Concen: 18.603 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

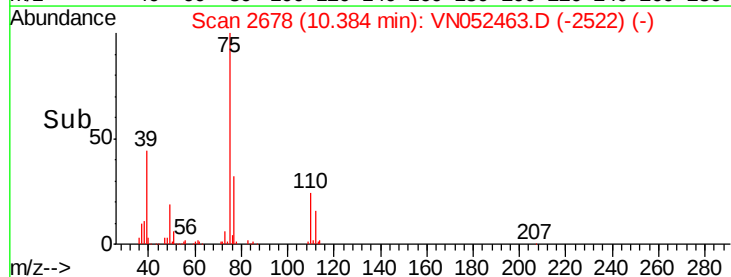
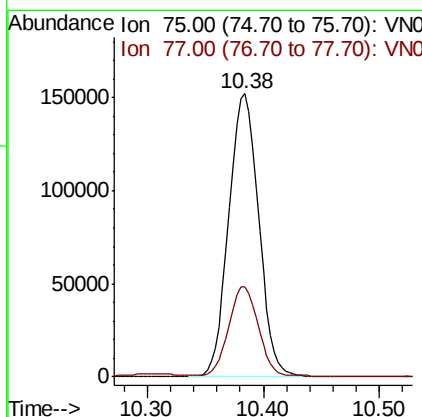
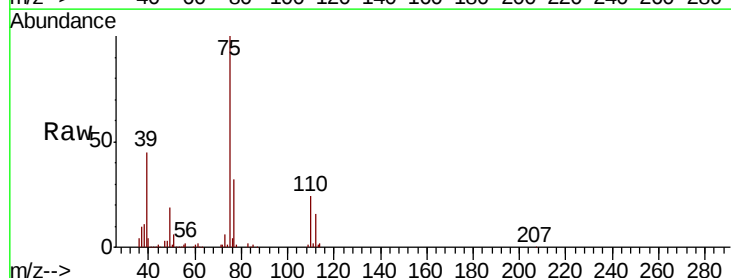
Instrument :
MSVOA_N
ClientSampleId :

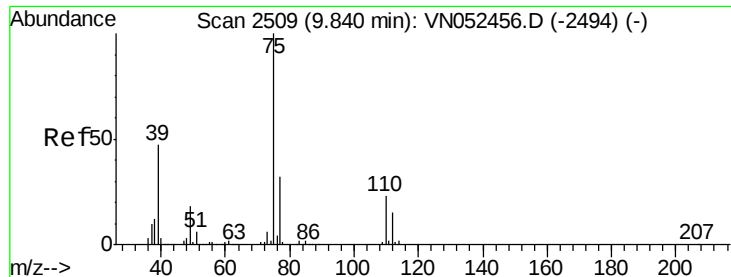
Tot Ion: 43 Resp: 236963
Ion Ratio Lower Upper
43 100
55 25.6 21.1 31.7



#48
t-1,3-Dichloropropene
Concen: 18.963 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion: 75 Resp: 272386
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4



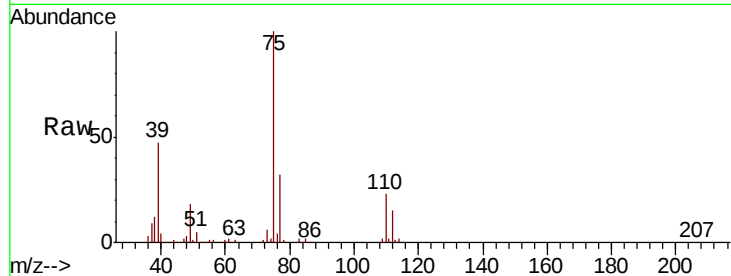


#49

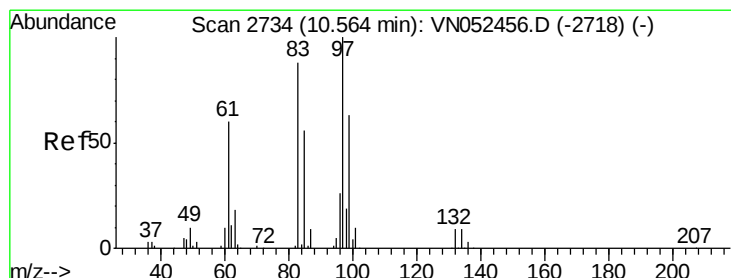
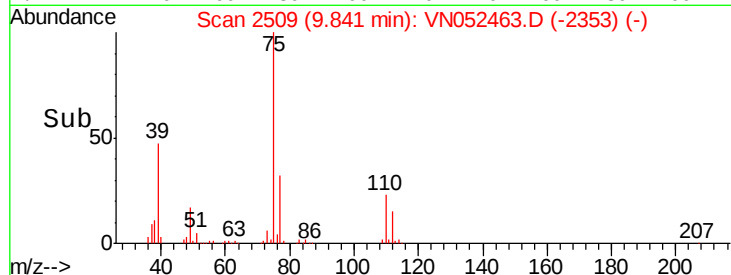
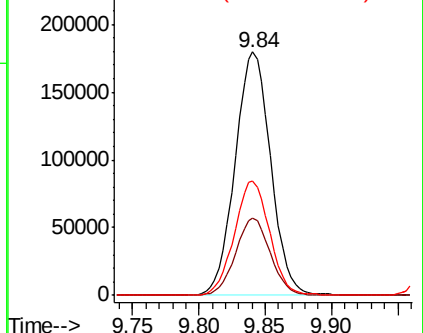
cis-1,3-Dichloropropene
 Concen: 19.148 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0
39	46.7	37.3	55.9



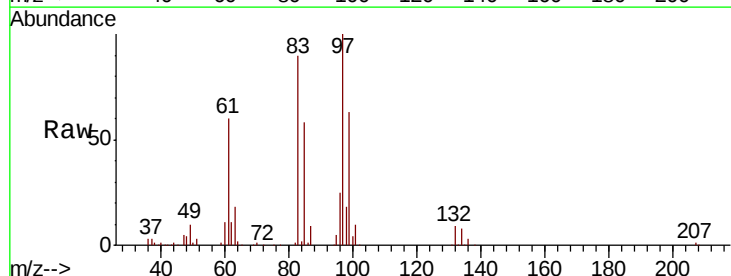
Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0



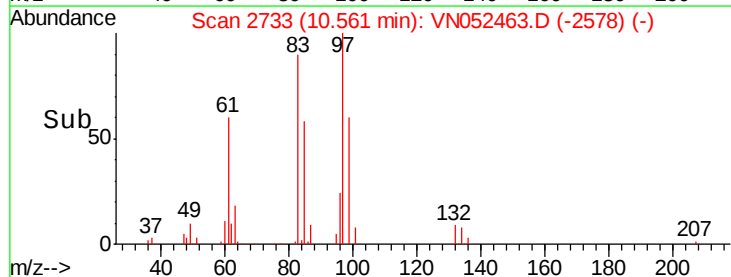
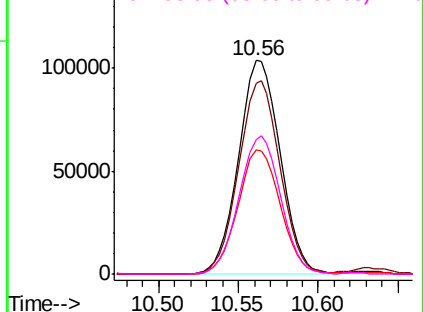
#50

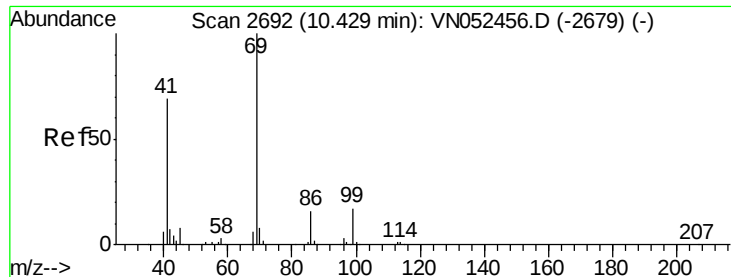
1,1,2-Trichloroethane
 Concen: 19.438 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.4	105.6
85	58.0	45.0	67.6
99	63.0	50.2	75.2



Abundance Ion 97.00 (96.70 to 97.70): VN0
 Ion 82.95 (82.65 to 83.65): VN0
 Ion 84.95 (84.65 to 85.65): VN0
 Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 19.080 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

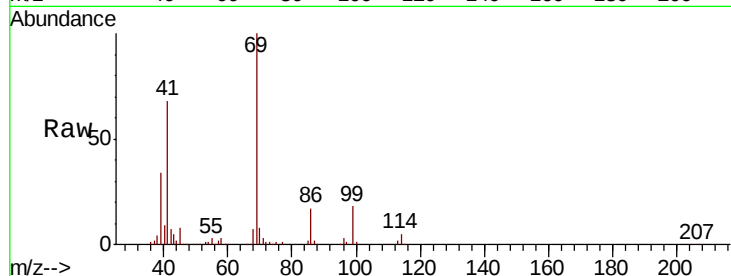
Tot Ion: 69 Resp: 227761

Ion	Ratio	Lower	Upper
69	100		
41	67.9	34.4	103.3
39	33.6	16.4	49.2

69 100

41 67.9 34.4 103.3

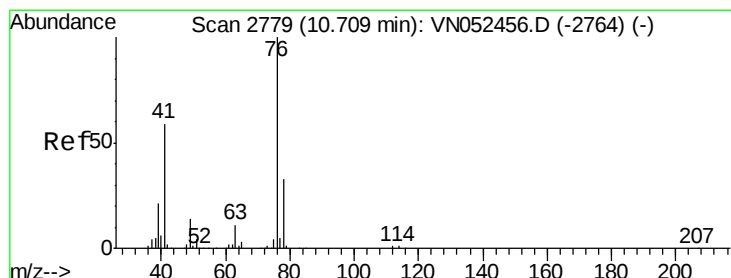
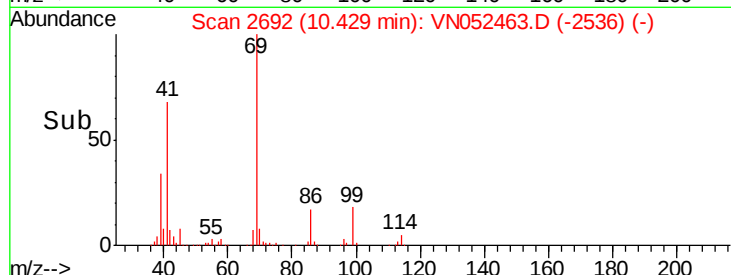
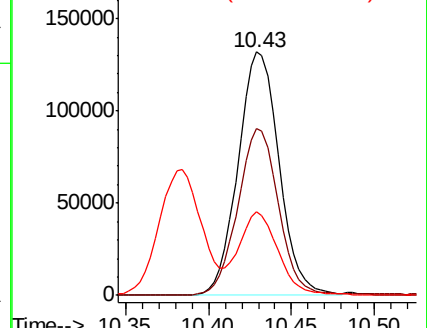
39 33.6 16.4 49.2



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 19.678 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052463.D

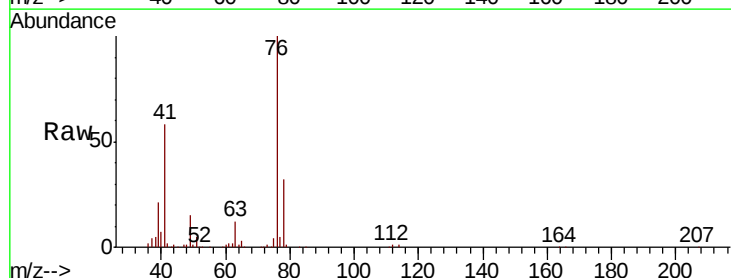
Acq: 26 Nov 2018 17:11

Tgt Ion: 76 Resp: 332897

Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.8

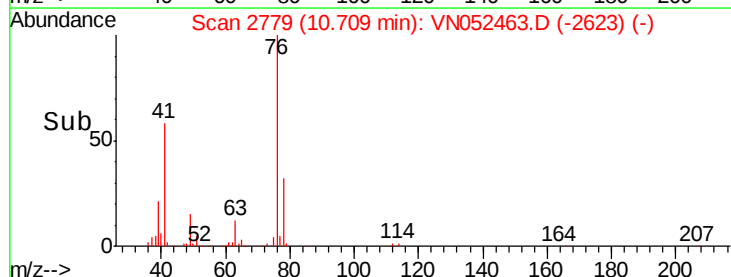
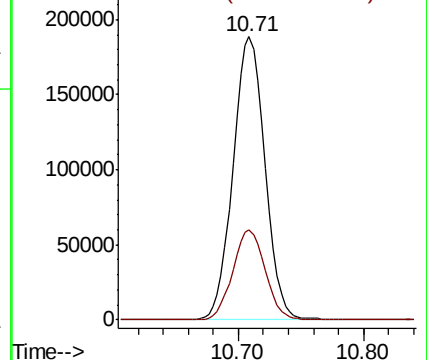
76 100

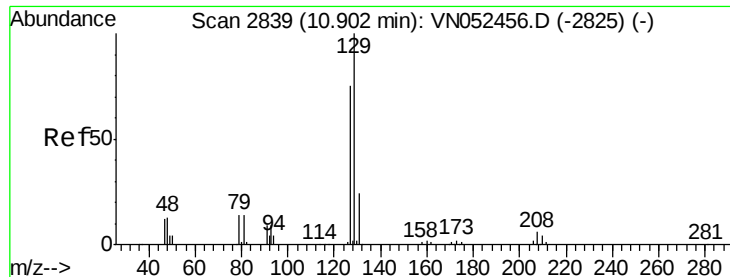
78 32.3 0.0 64.8



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.284 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

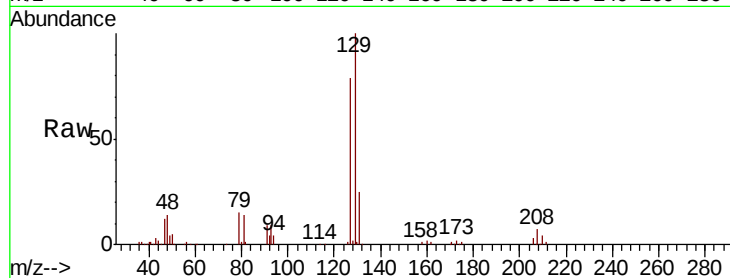
ClientSampleId :

Tot Ion:129 Resp: 201786

Ion Ratio Lower Upper

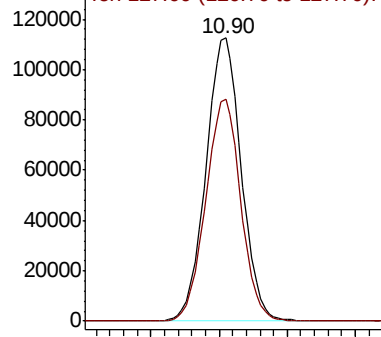
129 100

127 77.9 37.6 112.8

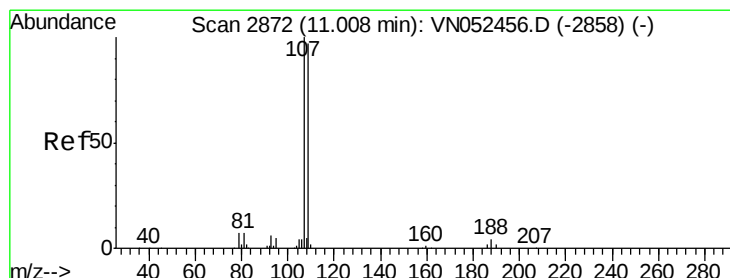
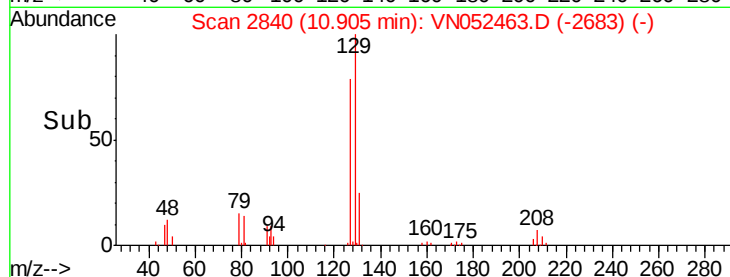


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#54

1,2-Dibromoethane

Concen: 19.758 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052463.D

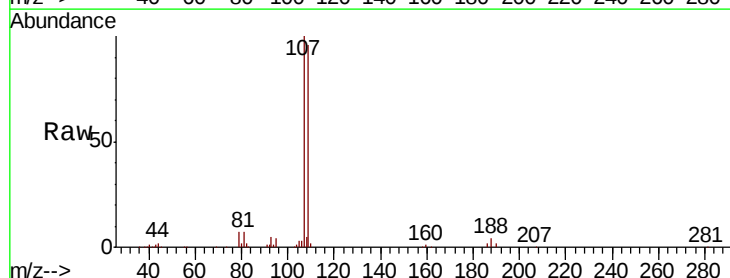
Acq: 26 Nov 2018 17:11

Tgt Ion:107 Resp: 183501

Ion Ratio Lower Upper

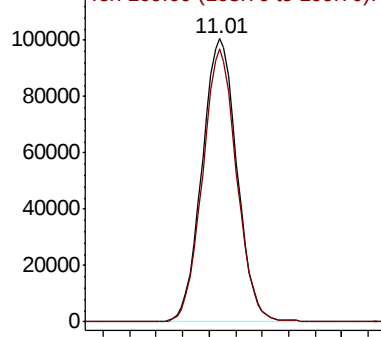
107 100

109 94.4 77.1 115.7

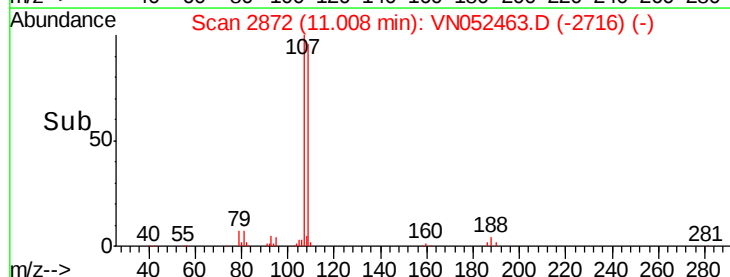


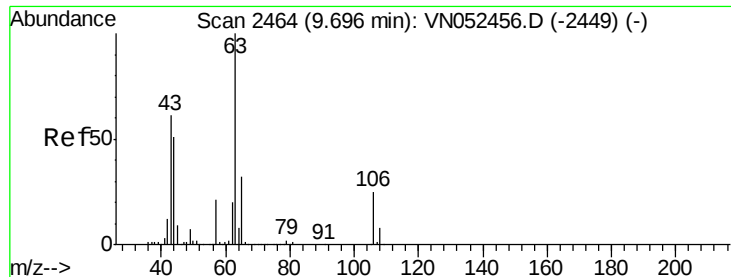
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->





#55

2-Chloroethyl vinyl ether

Concen: 95.048 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

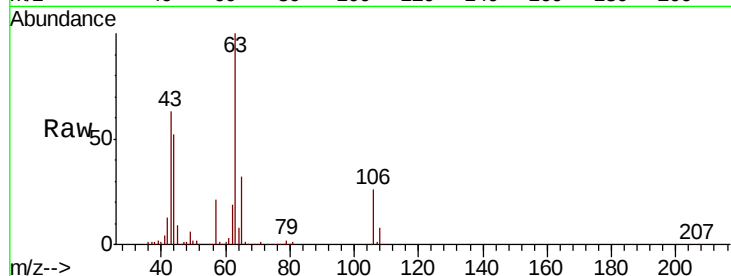
Tot Ion: 63 Resp: 664130

Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.4	38.2
106	25.6	20.4	30.6

63 100

65 31.8 25.4 38.2

106 25.6 20.4 30.6

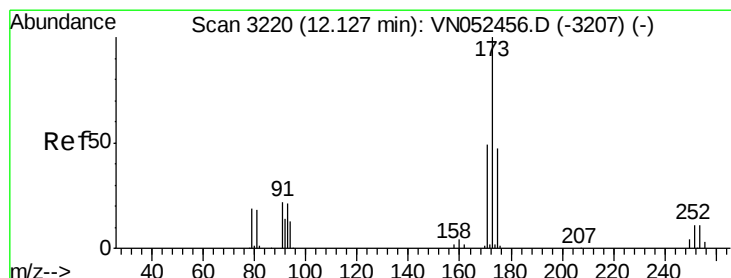
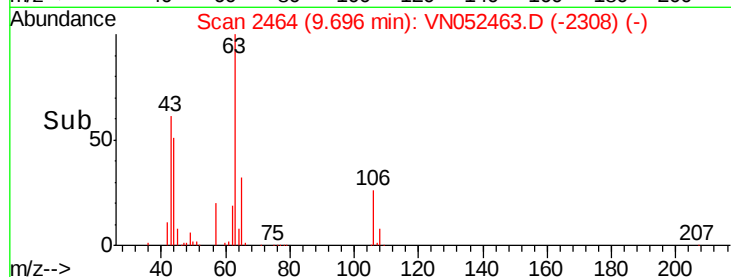
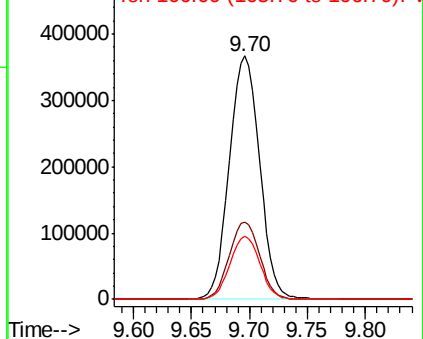


Abundance

Ion 63.00 (62.70 to 63.70): VN052456.D (-2449) (-)

Ion 65.00 (64.70 to 65.70): VN052456.D (-2449) (-)

Ion 106.00 (105.70 to 106.70): VN052456.D (-2449) (-)



#56

Bromoform

Concen: 19.096 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

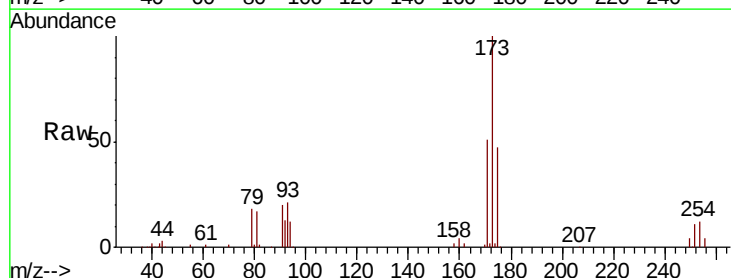
Tgt Ion: 173 Resp: 130611

Ion	Ratio	Lower	Upper
173	100		
175	47.4	38.7	58.1
254	11.5	8.4	12.6

173 100

175 47.4 38.7 58.1

254 11.5 8.4 12.6

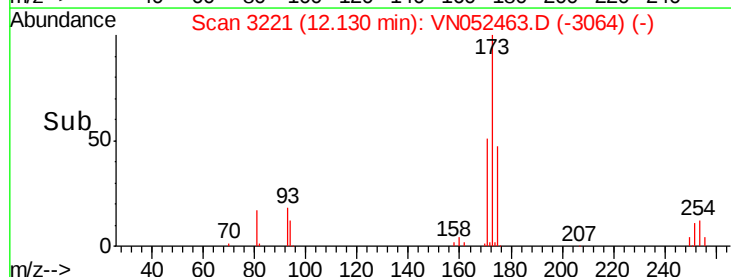
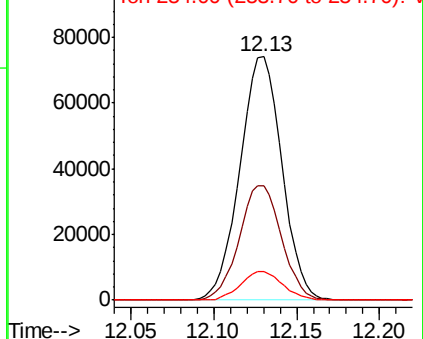


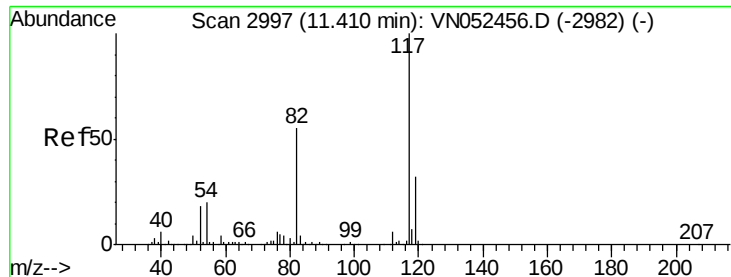
Abundance

Ion 173.00 (172.70 to 173.70): VN052456.D (-3207) (-)

Ion 175.00 (174.70 to 175.70): VN052456.D (-3207) (-)

Ion 254.00 (253.70 to 254.70): VN052456.D (-3207) (-)

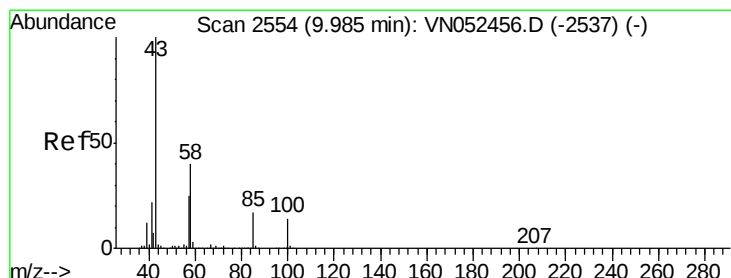
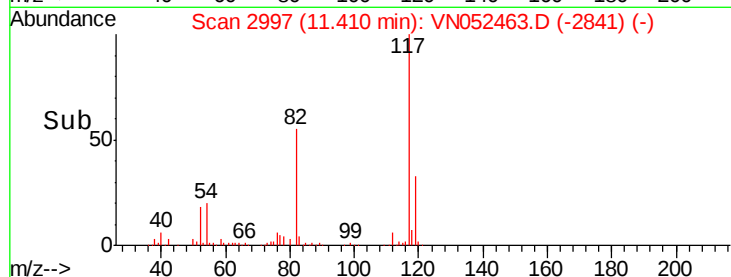
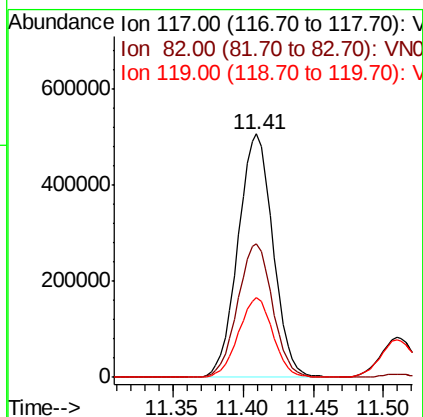
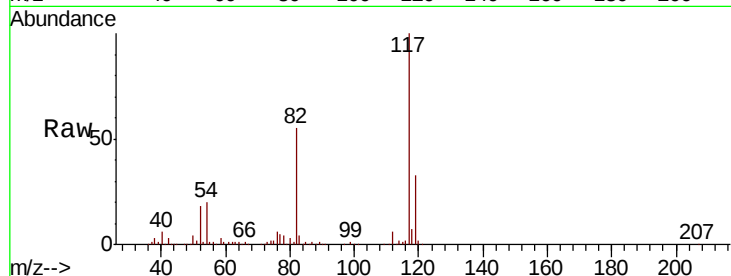




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

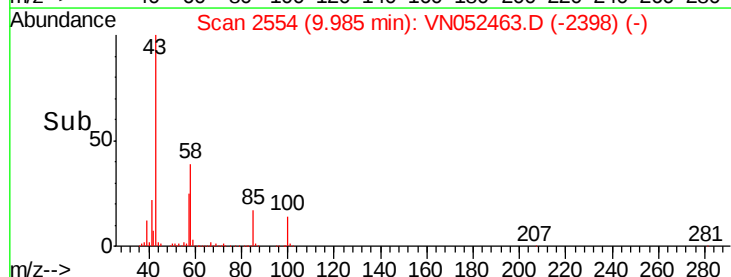
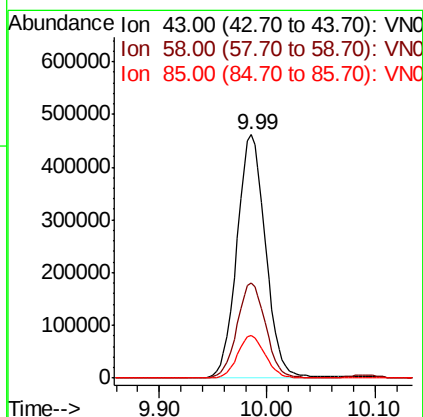
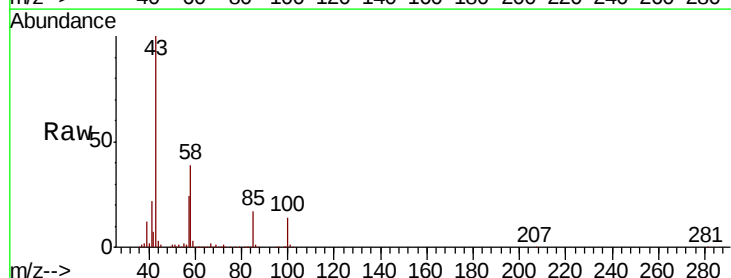
Instrument :
MSVOA_N
ClientSampleId :

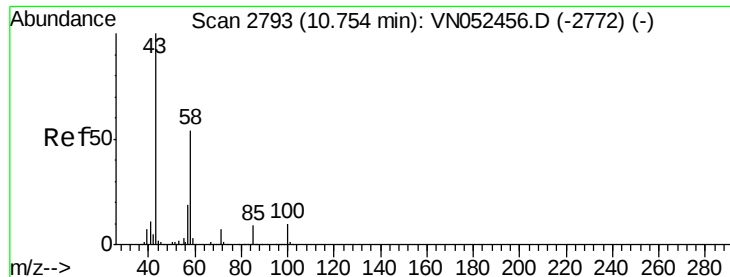
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.2
119	32.3	25.4	38.2



#58
4-Methyl-2-Pentanone
Concen: 99.963 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.6	47.4
85	17.0	13.3	19.9

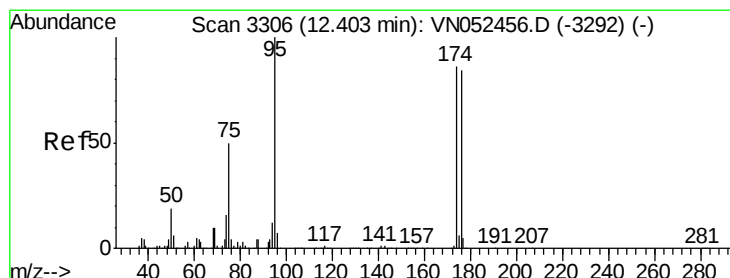
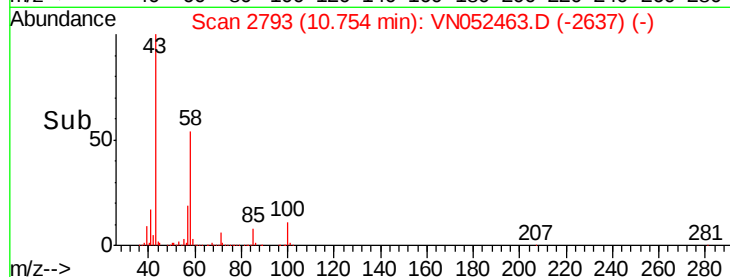
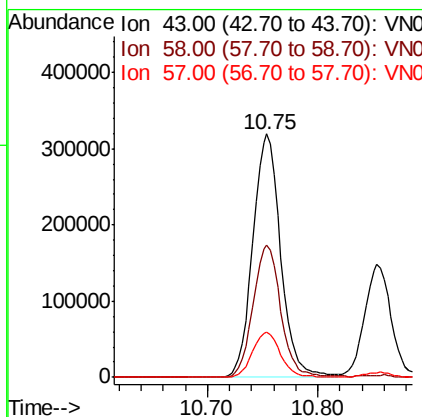
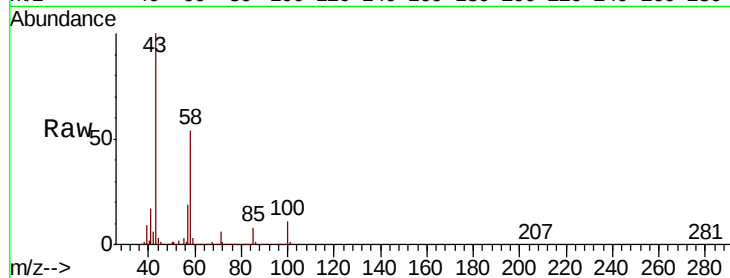




#59
2-Hexanone
Concen: 95.616 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

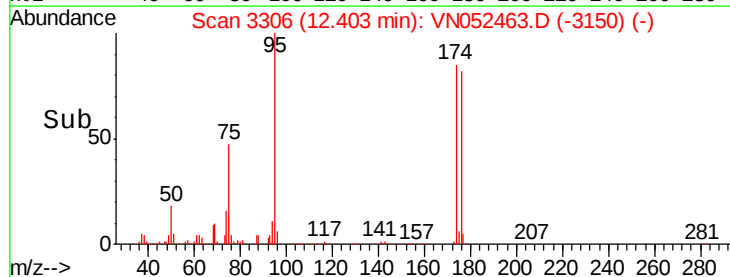
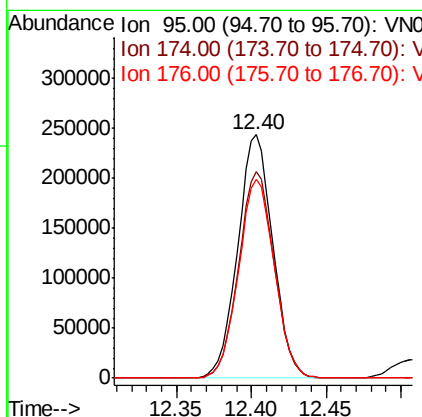
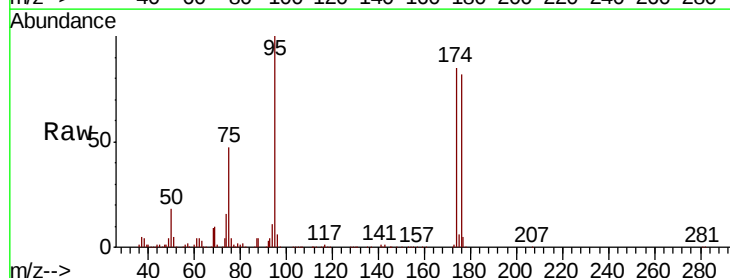
Instrument :
MSVOA_N
ClientSampleId :

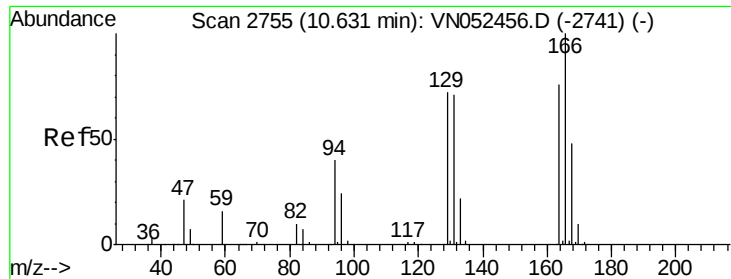
Tot Ion: 43 Resp: 556354
Ion Ratio Lower Upper
43 100
58 54.6 43.2 64.8
57 18.8 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 95.616 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion: 95 Resp: 398484
Ion Ratio Lower Upper
95 100
174 85.7 67.9 101.9
176 83.4 66.4 99.6





#61

Tetrachloroethene

Concen: 19.784 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 214088

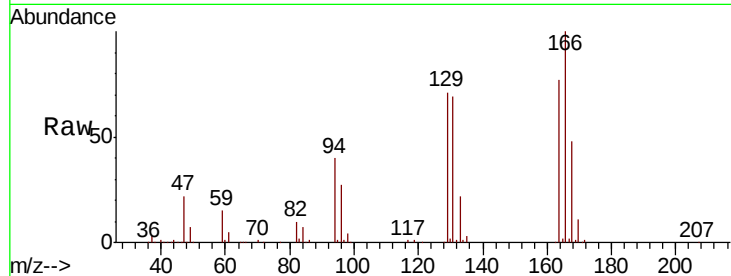
Ion Ratio Lower Upper

164 100

166 129.0 104.6 157.0

129 91.2 75.3 112.9

131 89.0 74.3 111.5

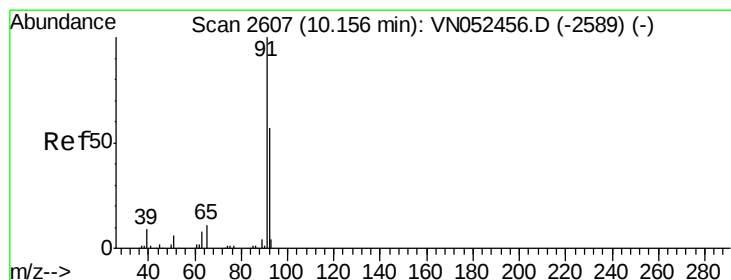
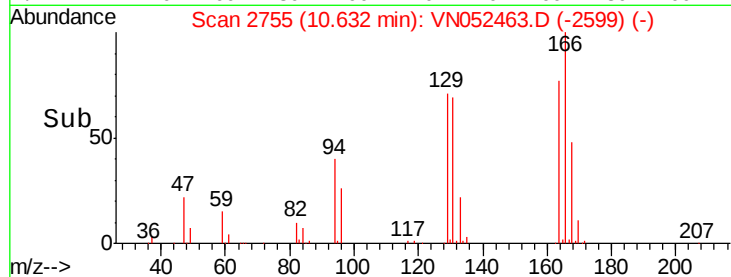
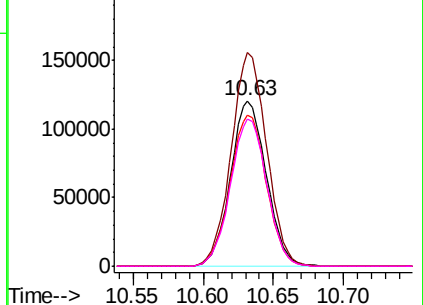


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.844 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052463.D

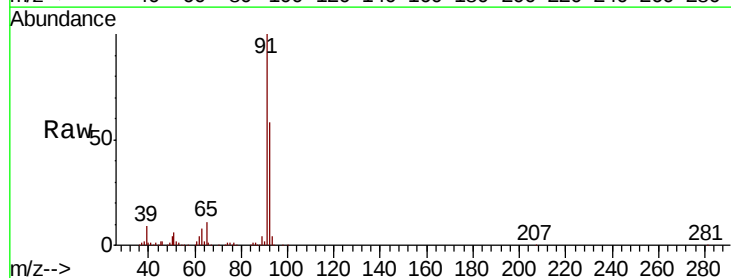
Acq: 26 Nov 2018 17:11

Tgt Ion: 91 Resp: 961142

Ion Ratio Lower Upper

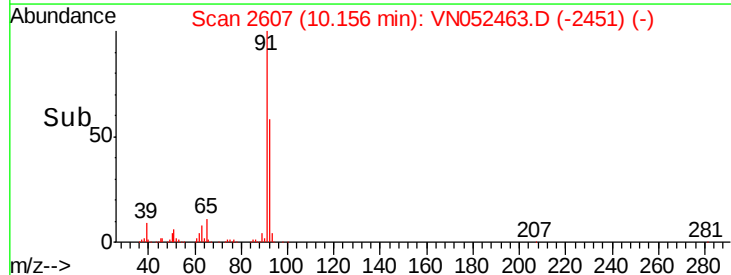
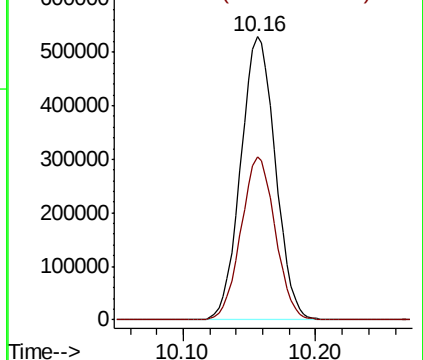
91 100

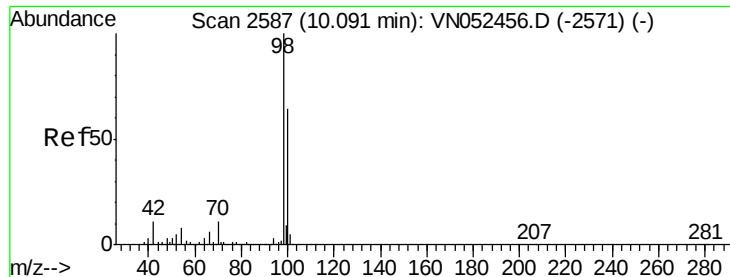
92 56.9 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 19.844 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

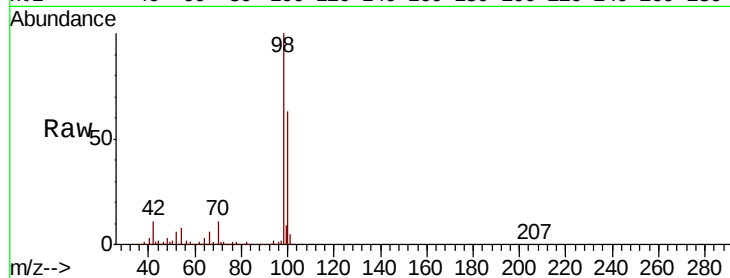
ClientSampleId :

Tot Ion: 98 Resp: 1232649

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN052463.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN052463.D (-2571) (-)

10.09

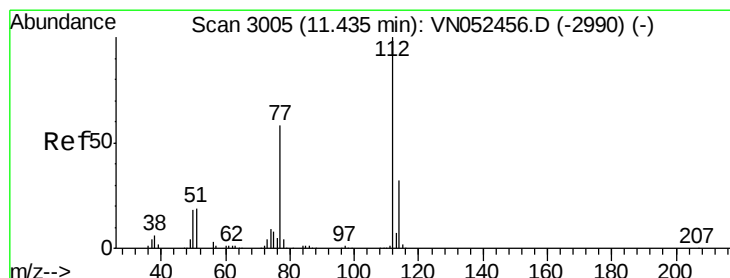
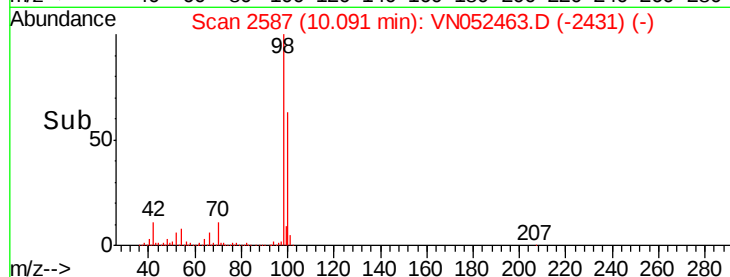
600000

400000

200000

0

Time-->



#64

Chlorobenzene

Concen: 19.583 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN052463.D

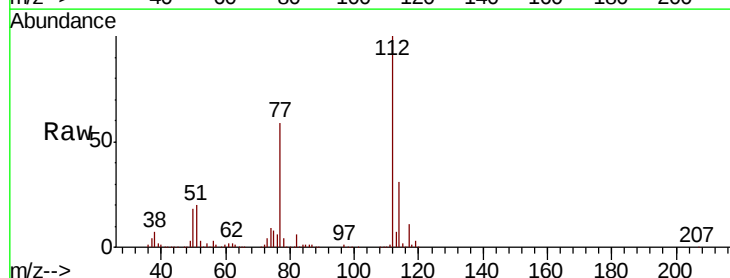
Acq: 26 Nov 2018 17:11

Tgt Ion: 112 Resp: 578916

Ion Ratio Lower Upper

112 100

114 31.4 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VN052463.D (-2849) (-)

Ion 114.00 (113.70 to 114.70): VN052463.D (-2849) (-)

11.44

400000

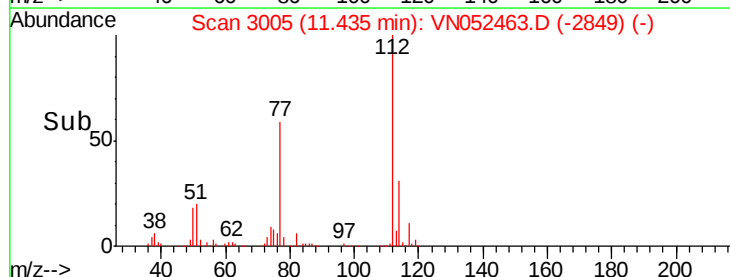
300000

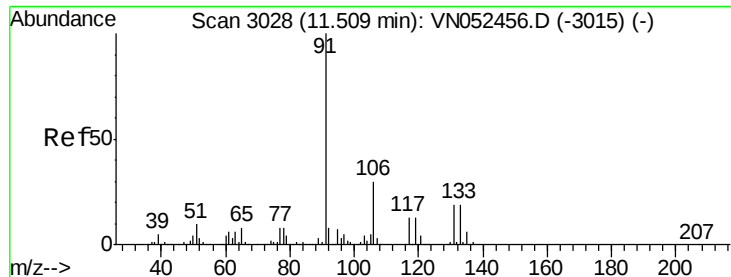
200000

100000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.909 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

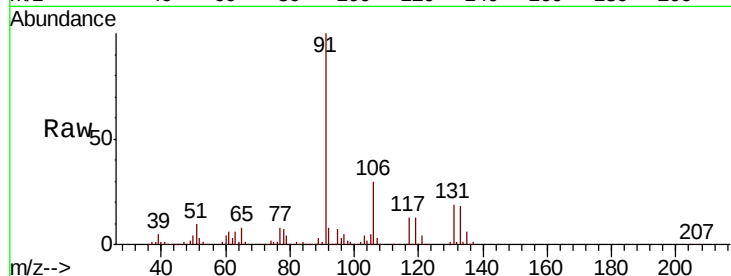
Tot Ion:131 Resp: 204296

Ion Ratio Lower Upper

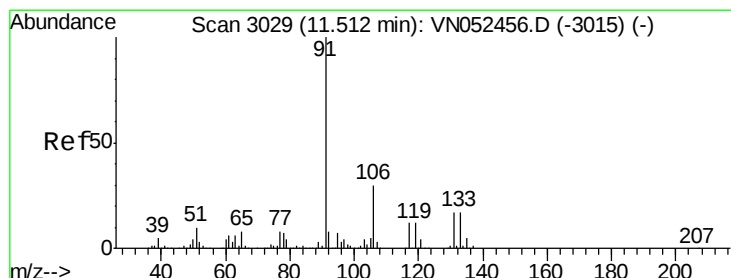
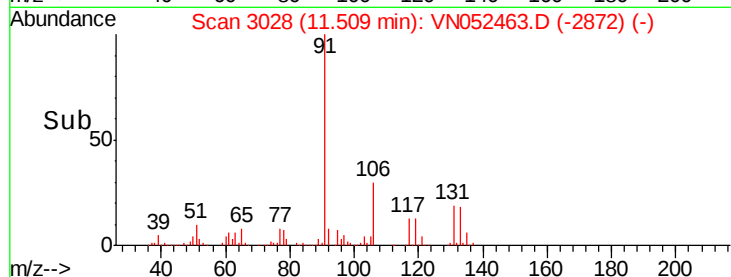
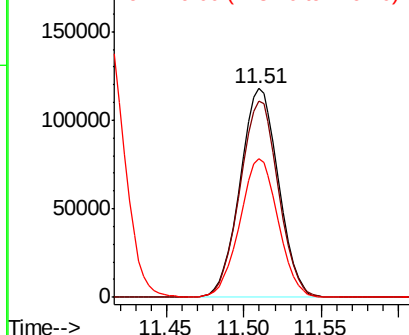
131 100

133 94.2 0.0 193.4

119 66.3 0.0 133.0



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.742 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052463.D

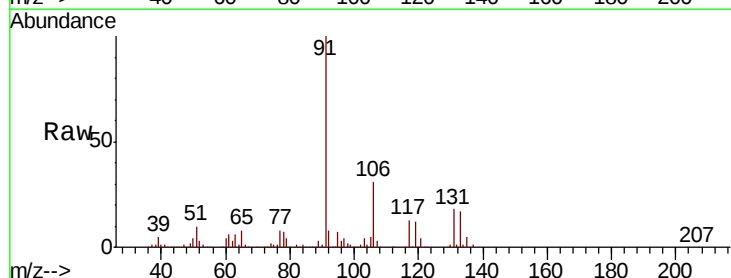
Acq: 26 Nov 2018 17:11

Tgt Ion: 91 Resp: 1030536

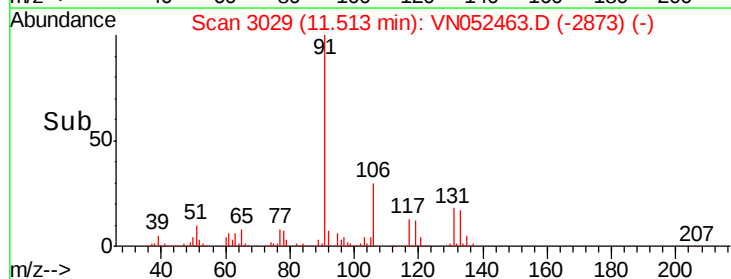
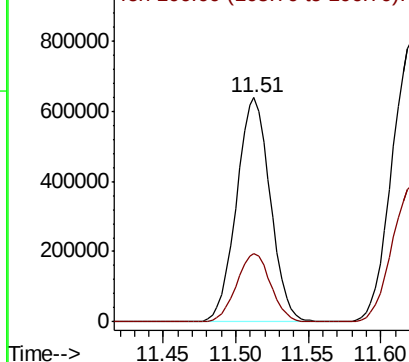
Ion Ratio Lower Upper

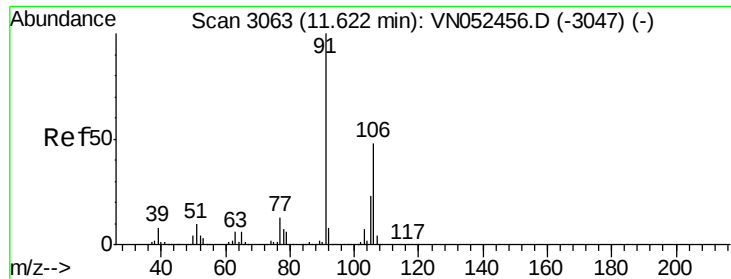
91 100

106 30.8 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 39.409 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

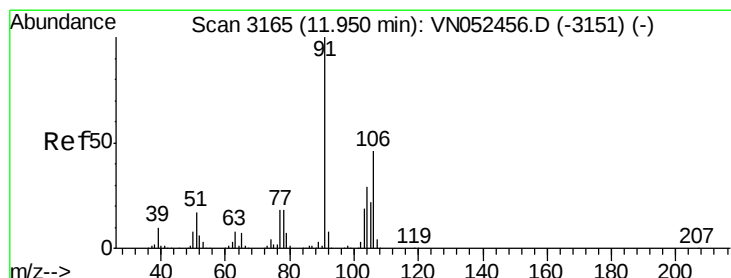
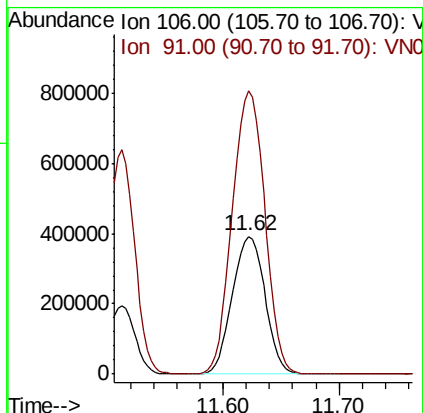
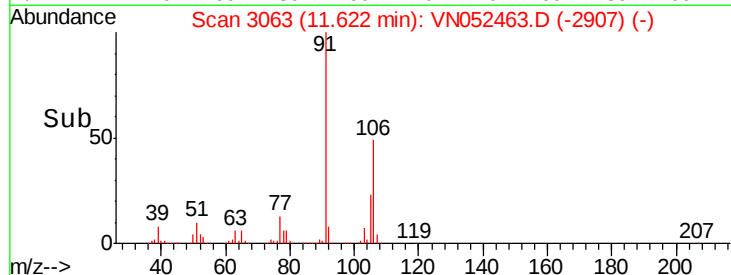
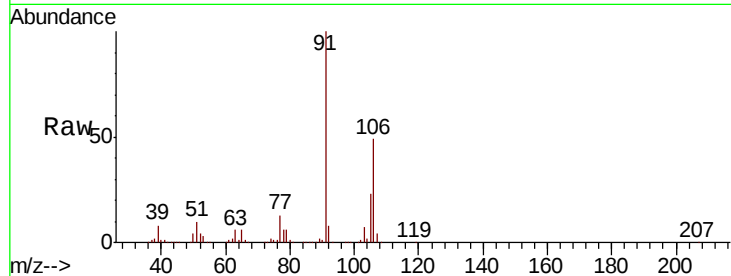
ClientSampleId :

Tot Ion:106 Resp: 766420

Ion Ratio Lower Upper

106 100

91 204.9 163.9 245.9



#68

o-Xylene

Concen: 19.909 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN052463.D

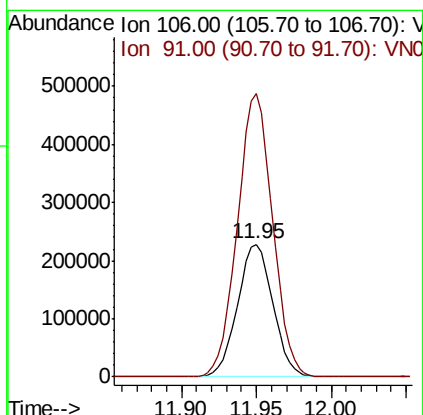
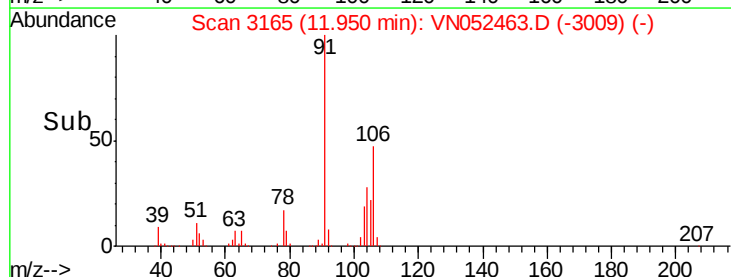
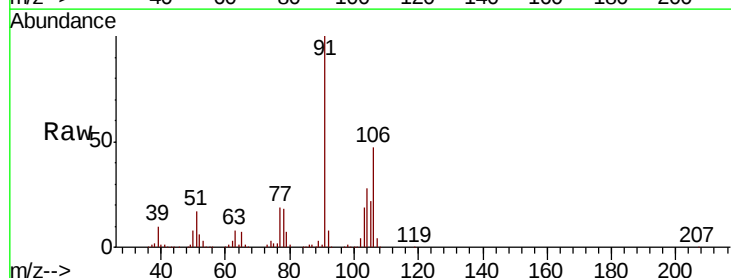
Acq: 26 Nov 2018 17:11

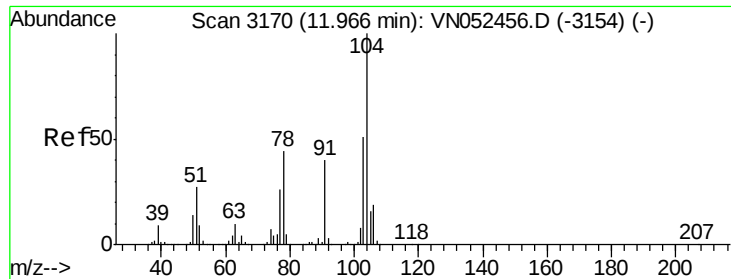
Tgt Ion:106 Resp: 375804

Ion Ratio Lower Upper

106 100

91 212.8 107.8 323.4

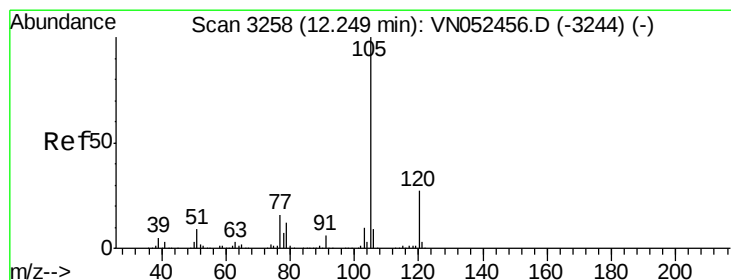
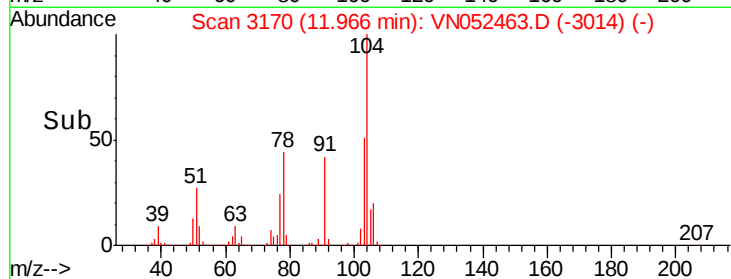
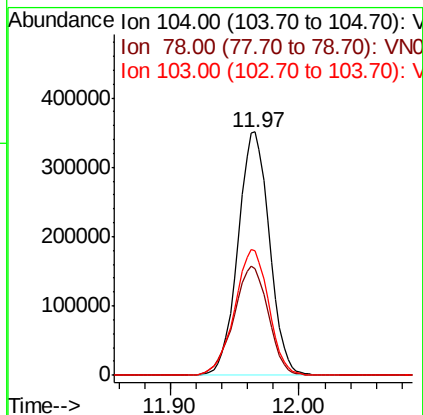
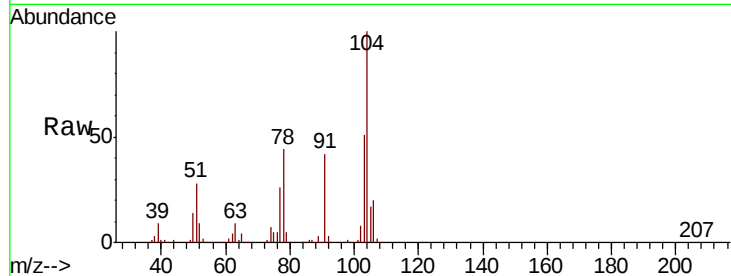




#69
Stvrene
Concen: 19.557 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

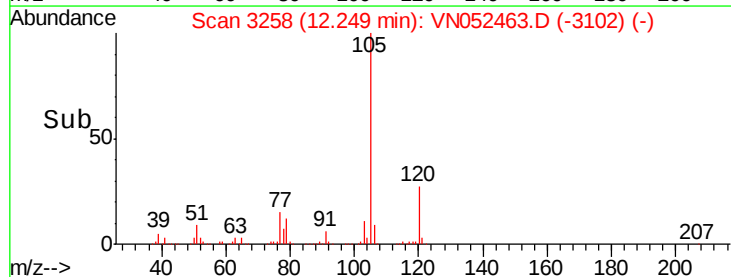
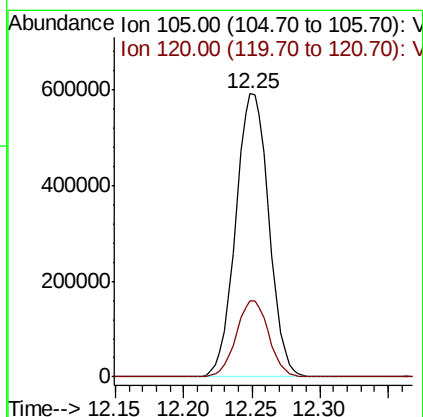
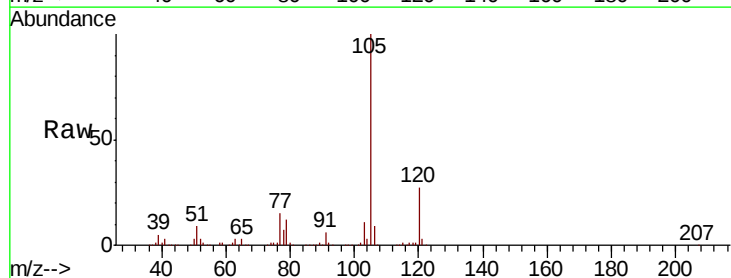
Instrument :
MSVOA_N
ClientSampled :

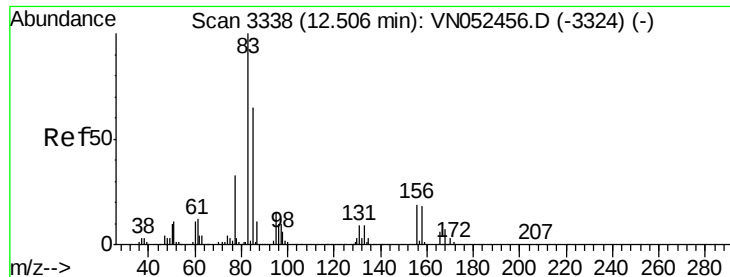
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.3	39.3	58.9
103	56.0	44.6	66.8



#70
Isopropylbenzene
Concen: 19.869 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.6	34.6

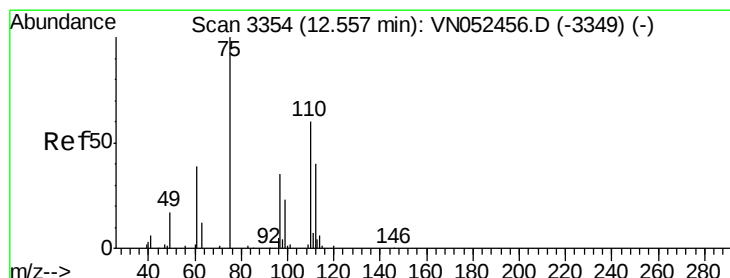
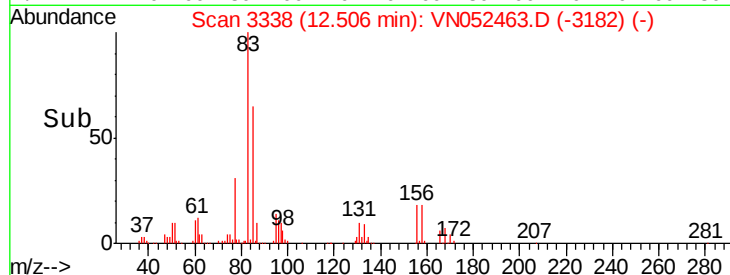
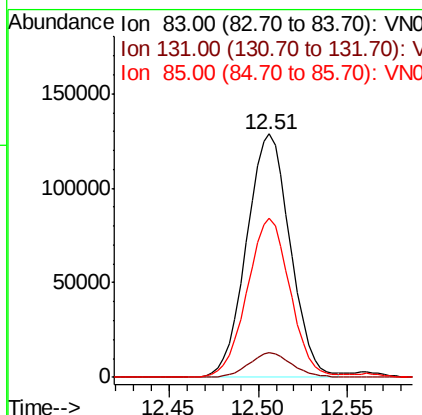
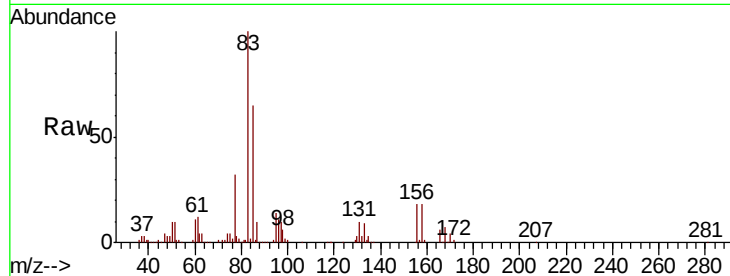




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.136 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

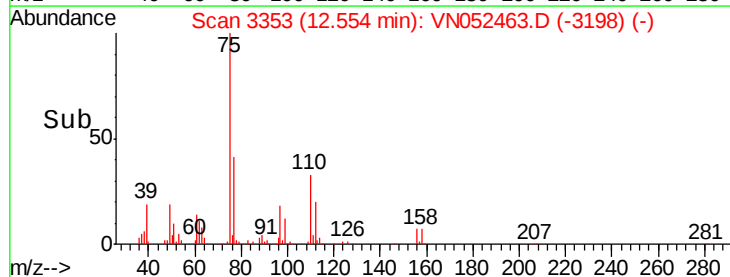
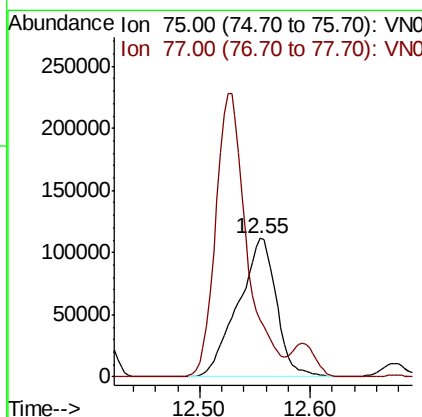
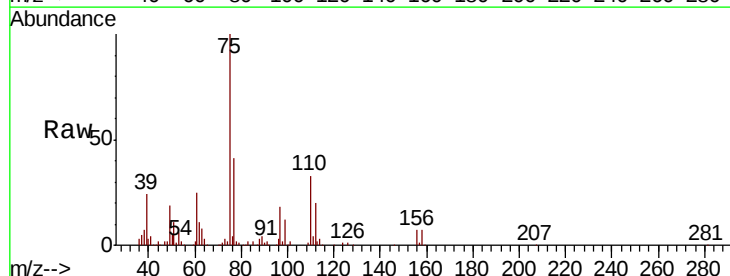
Instrument :
 MSVOA_N
 ClientSampleId :

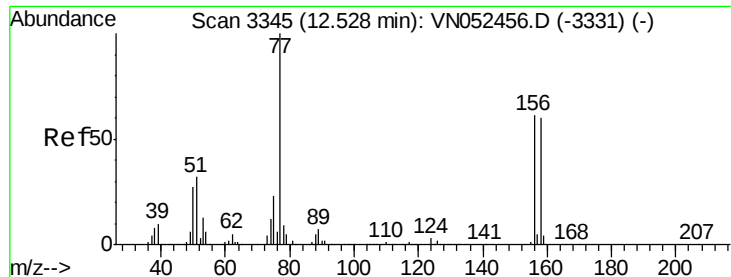
Tot Ion	83	Resp	219983
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.6
85	64.2	32.2	96.6



#72
 1,2,3-Trichloropropane
 Concen: 28.621 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

Tgt Ion	75	Resp	268418
Ion Ratio	Lower	Upper	
75	100		
77	167.0	0.0	514.8





#73

Bromobenzene

Concen: 19.796 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampled :

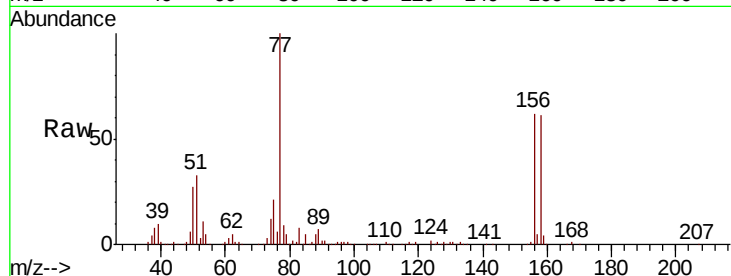
Tot Ion:156 Resp: 240458

Ion Ratio Lower Upper

156 100

77 186.4 0.0 382.6

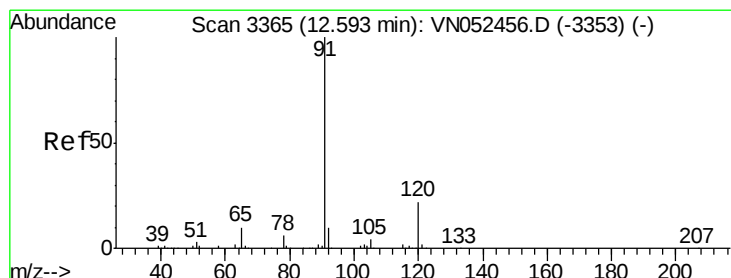
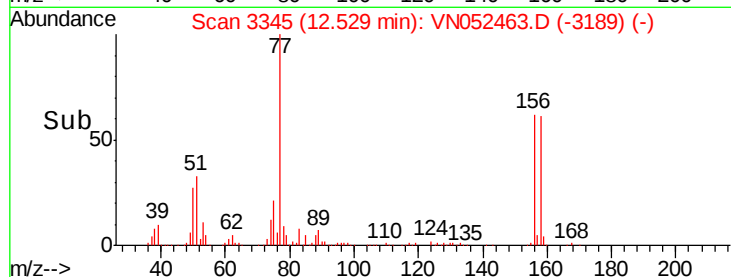
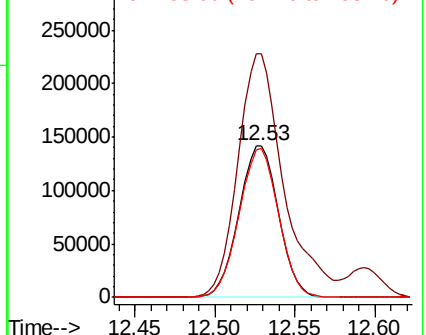
158 97.5 0.0 196.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.504 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052463.D

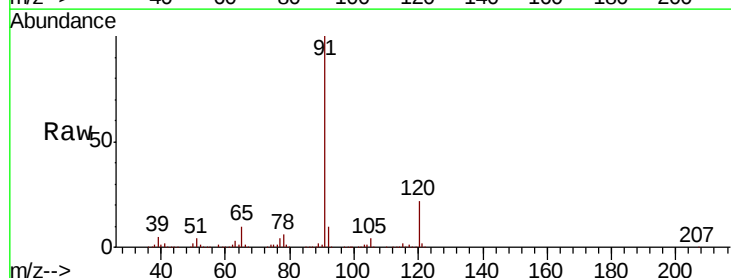
Acq: 26 Nov 2018 17:11

Tgt Ion: 91 Resp: 1141314

Ion Ratio Lower Upper

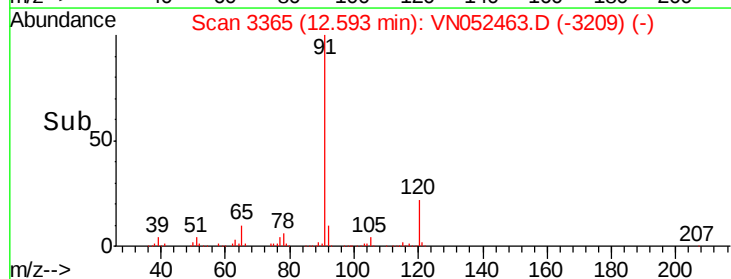
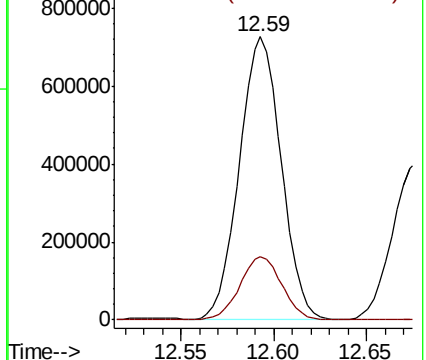
91 100

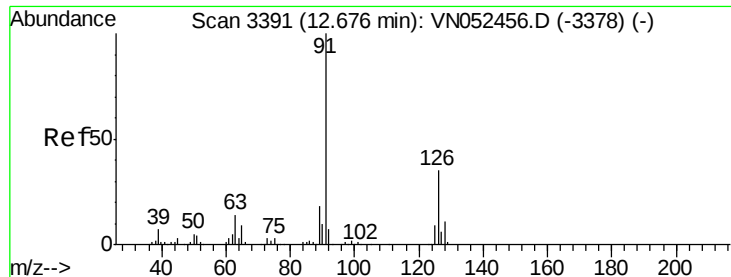
120 22.3 0.0 44.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.900 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

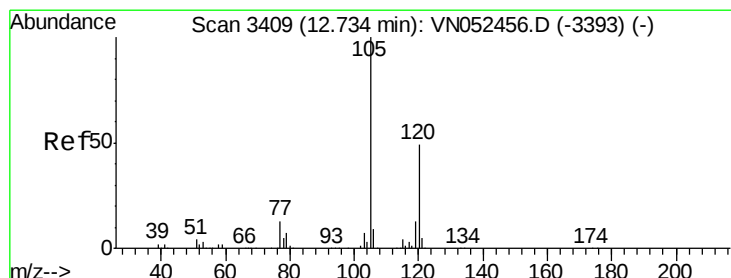
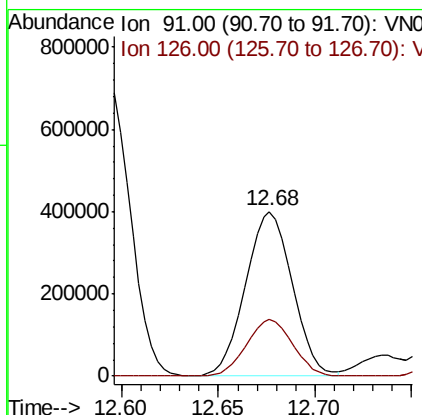
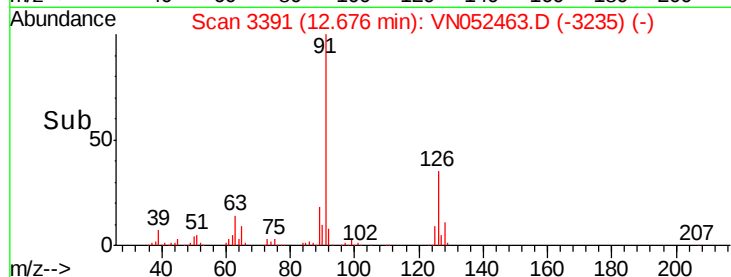
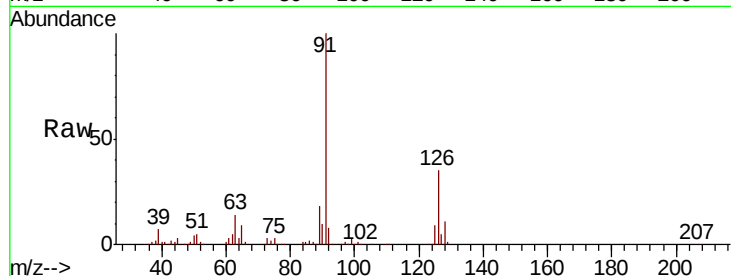
ClientSampleId :

Tot Ion: 91 Resp: 675912

Ion Ratio Lower Upper

91 100

126 34.3 0.0 68.4



#76

1,3,5-Trimethylbenzene

Concen: 19.813 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052463.D

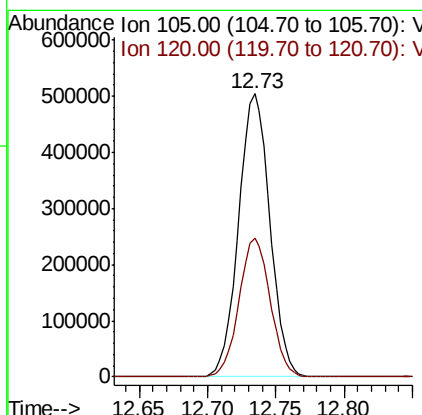
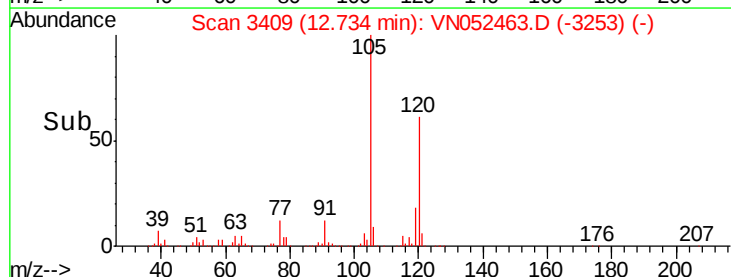
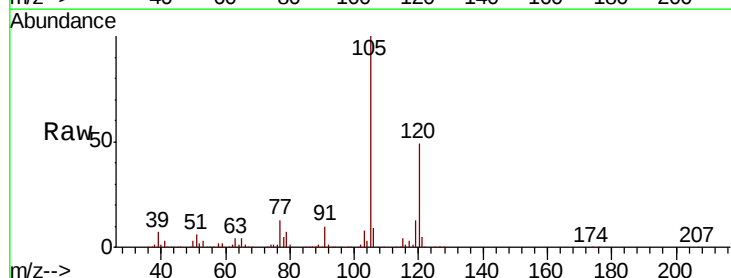
Acq: 26 Nov 2018 17:11

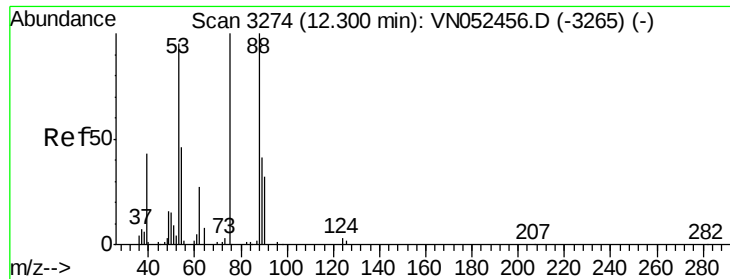
Tgt Ion:105 Resp: 803749

Ion Ratio Lower Upper

105 100

120 48.9 0.0 97.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.792 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

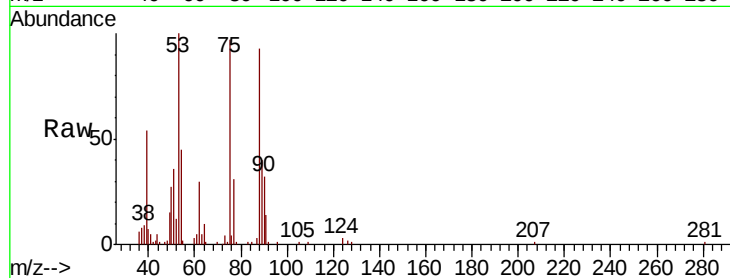
Tot Ion: 75 Resp: 52710

Ion Ratio Lower Upper

75 100

53 102.5 48.5 145.6

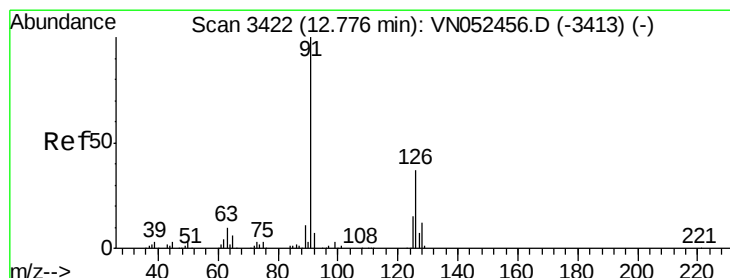
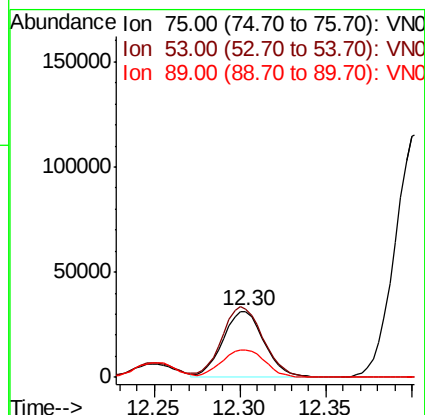
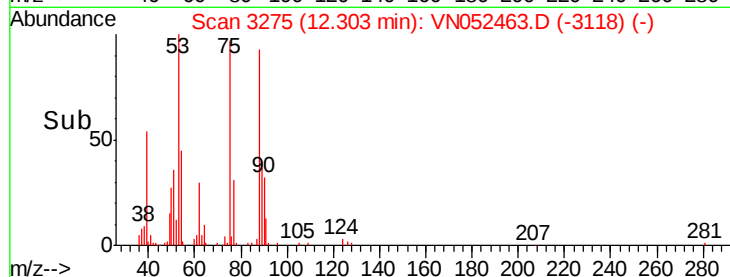
89 41.1 21.7 65.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.444 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN052463.D

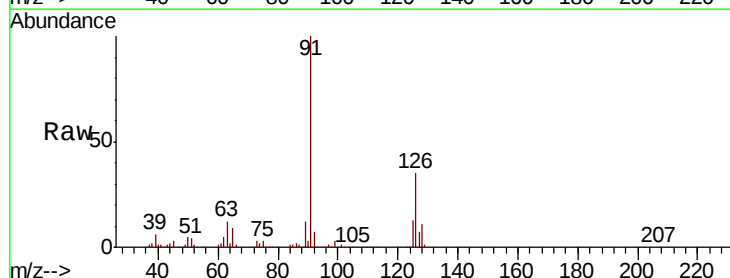
Acq: 26 Nov 2018 17:11

Tgt Ion: 91 Resp: 659539

Ion Ratio Lower Upper

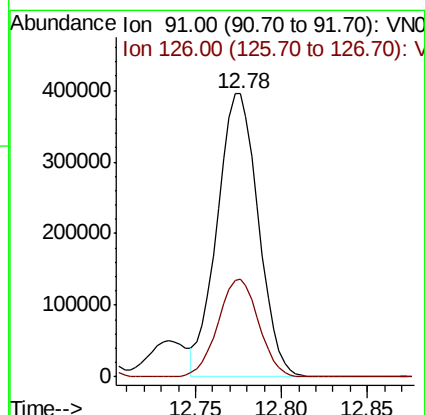
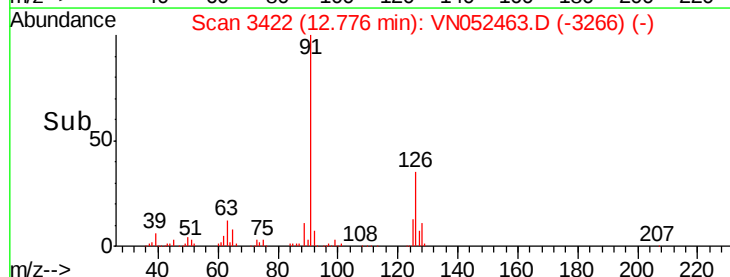
91 100

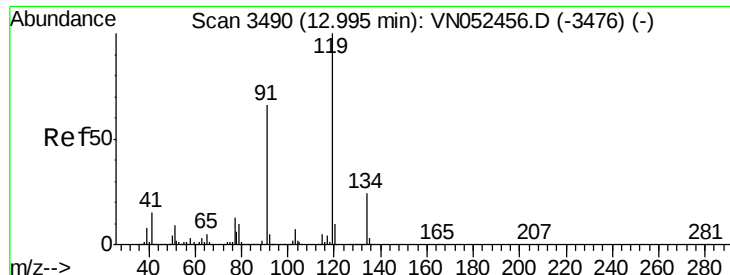
126 34.1 0.0 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.967 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampled :

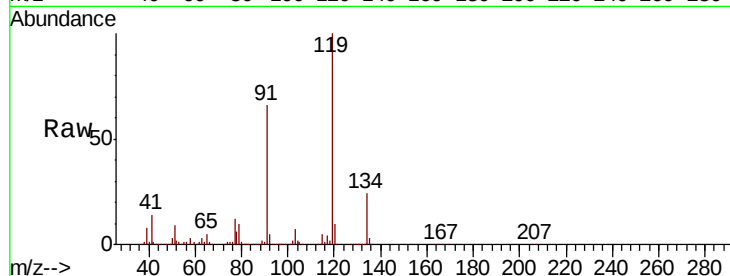
Tot Ion:119 Resp: 705398

Ion Ratio Lower Upper

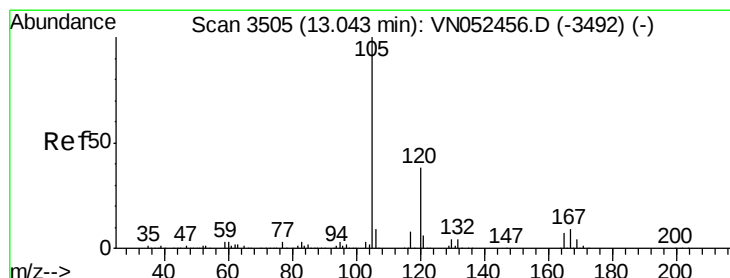
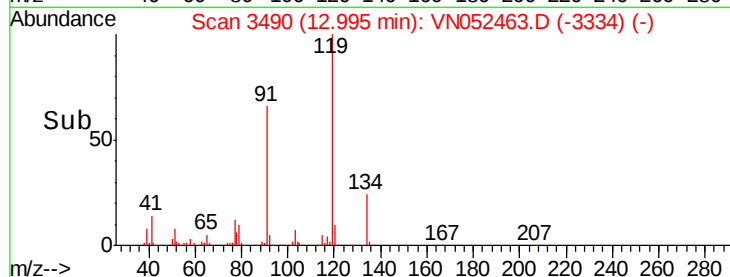
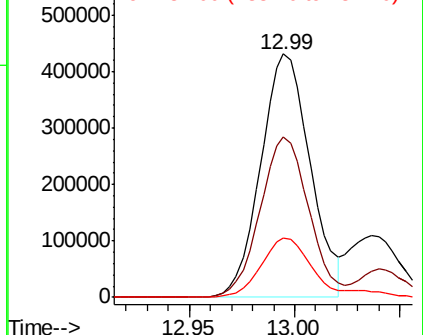
119 100

91 64.7 0.0 129.8

134 24.1 0.0 52.2



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.009 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN052463.D

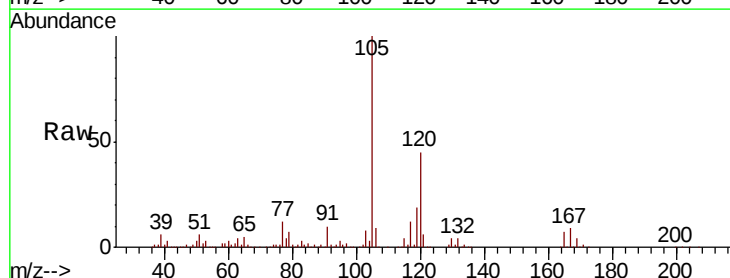
Acq: 26 Nov 2018 17:11

Tgt Ion:105 Resp: 812166

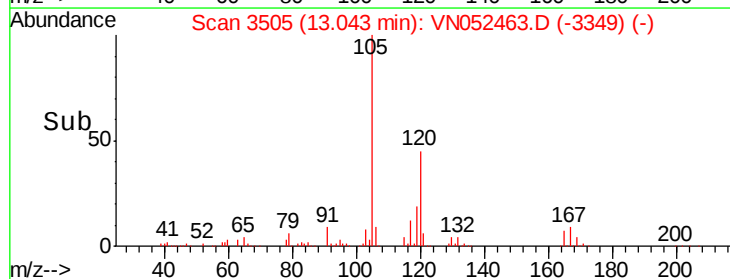
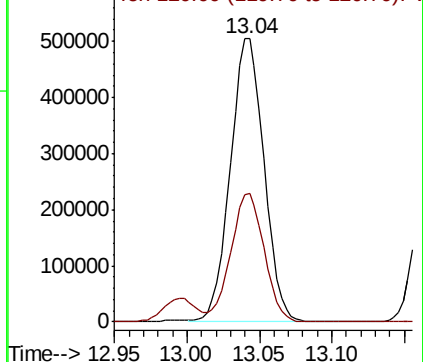
Ion Ratio Lower Upper

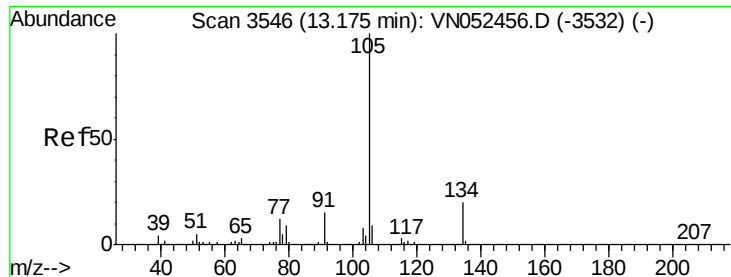
105 100

120 44.8 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.581 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

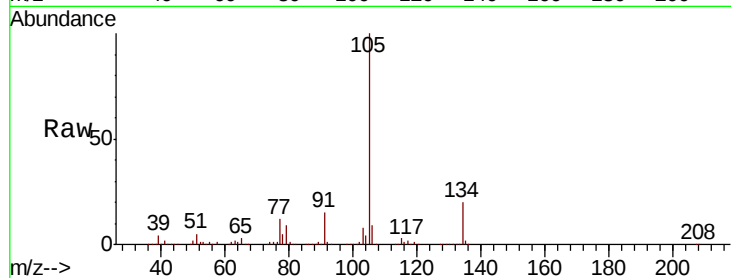
ClientSampled :

Tot Ion:105 Resp: 963526

Ion Ratio Lower Upper

105 100

134 19.9 0.0 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

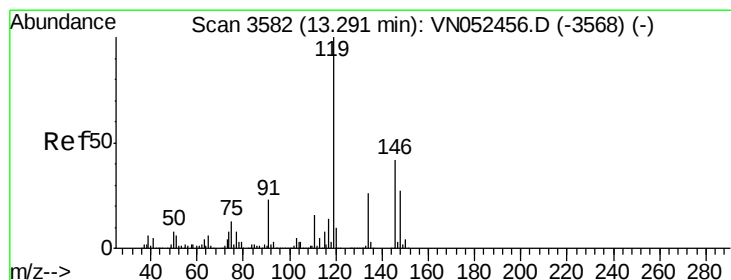
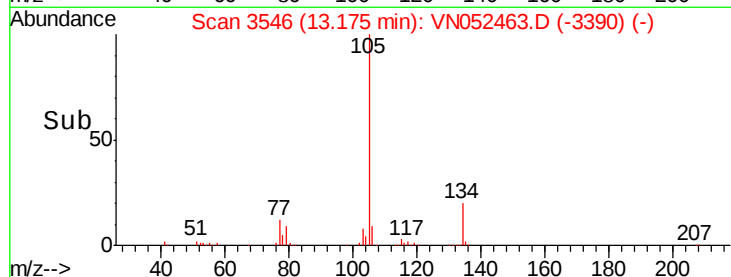
600000

400000

200000

0

Time-->



#82

p-Isopropyltoluene

Concen: 19.501 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

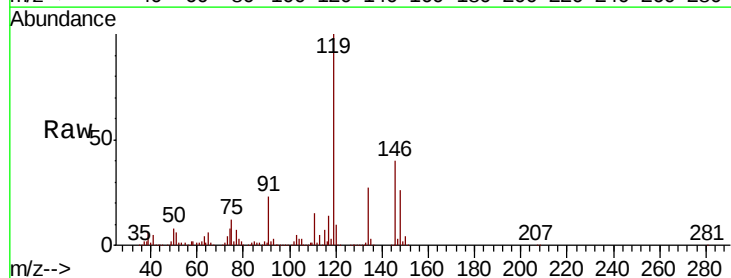
Tgt Ion:119 Resp: 817118

Ion Ratio Lower Upper

119 100

134 26.3 0.0 52.6

91 22.7 0.0 46.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

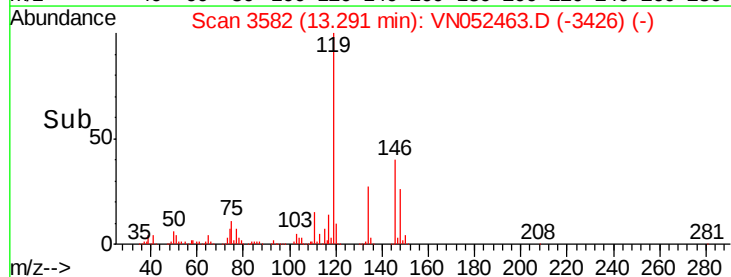
600000

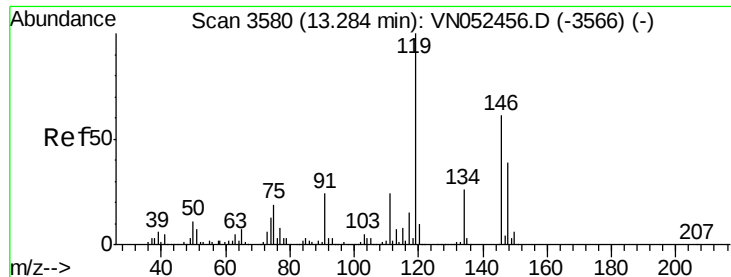
400000

200000

0

Time-->





#83

1,3-Dichlorobenzene

Concen: 19.245 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

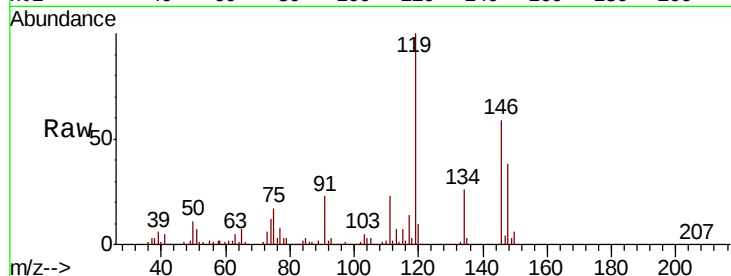
Tot Ion:146 Resp: 411132

Ion Ratio Lower Upper

146 100

111 38.6 19.7 59.0

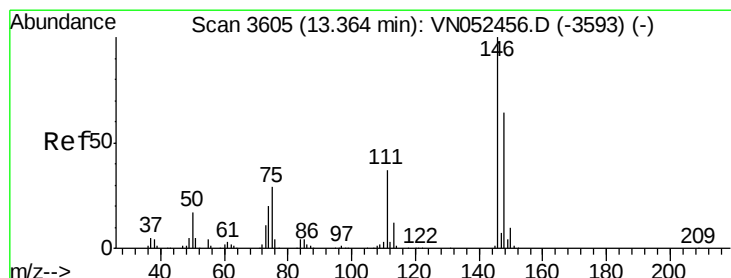
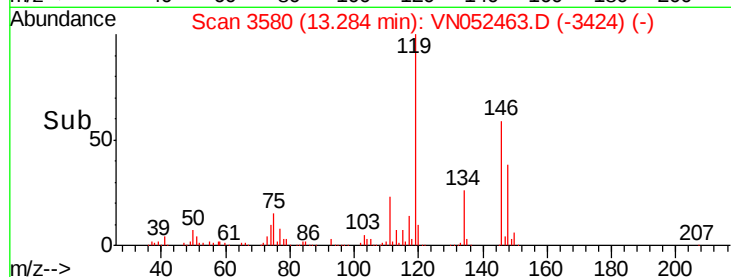
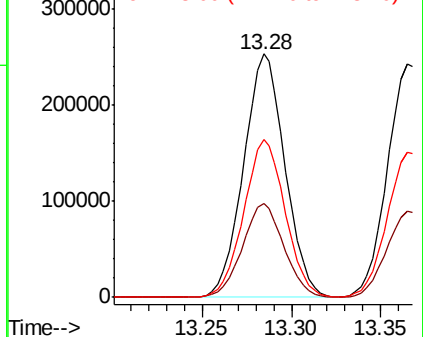
148 64.8 32.3 96.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.336 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

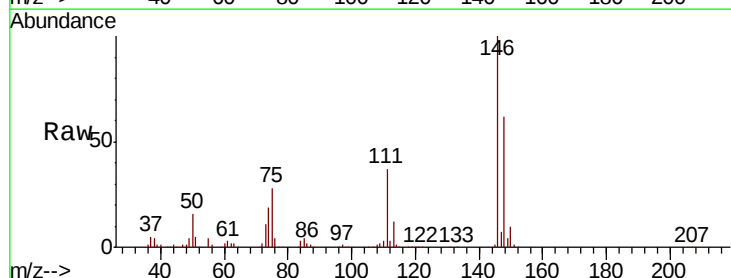
Tgt Ion:146 Resp: 399102

Ion Ratio Lower Upper

146 100

111 37.1 18.8 56.3

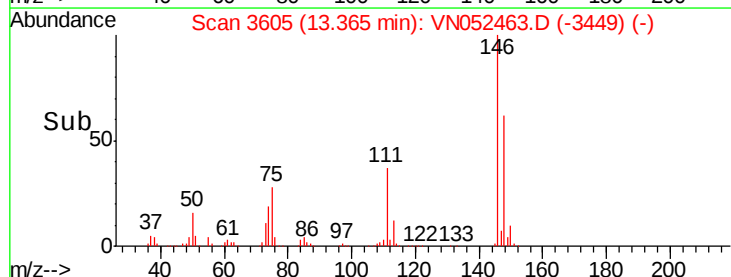
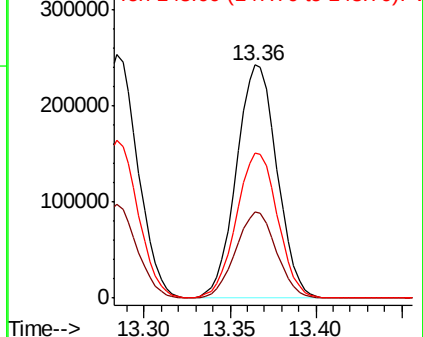
148 63.6 32.5 97.4

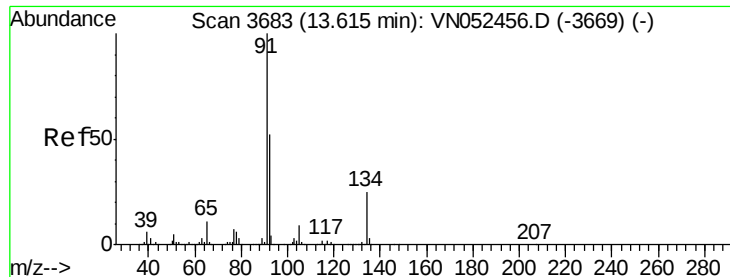


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

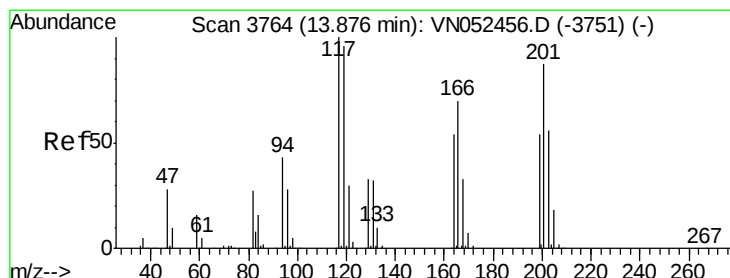
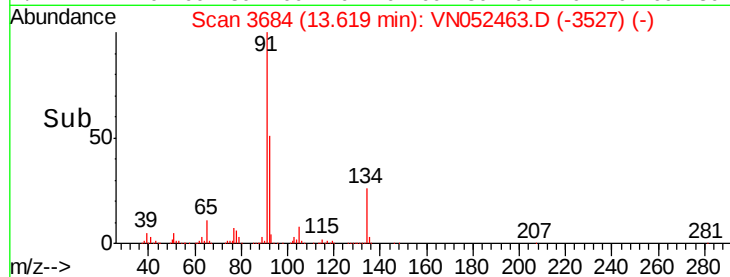
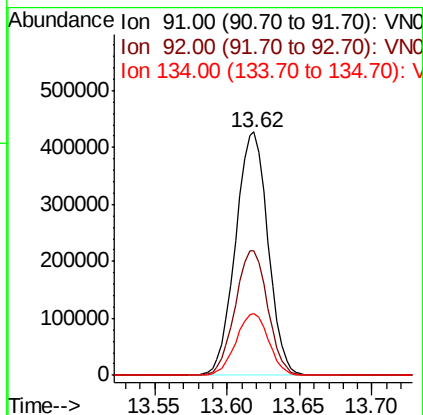
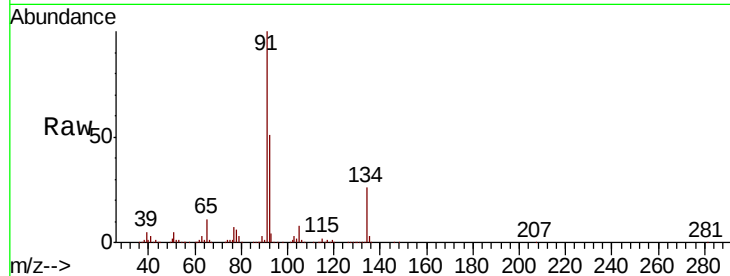




#85
n-Butylbenzene
Concen: 18.451 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

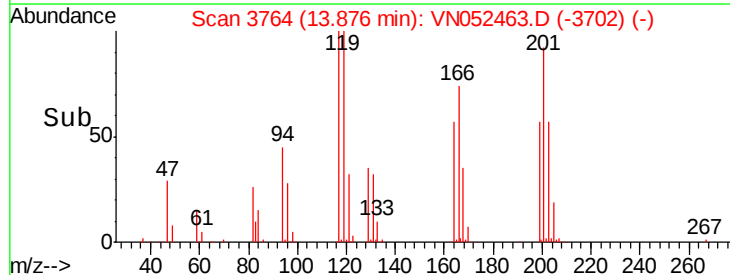
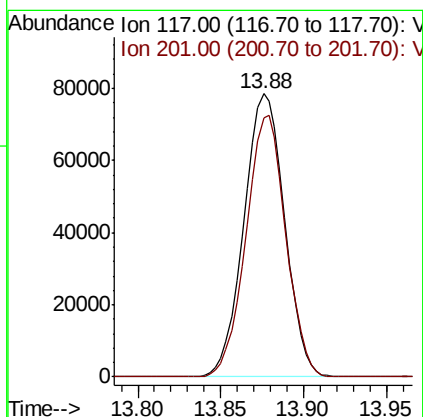
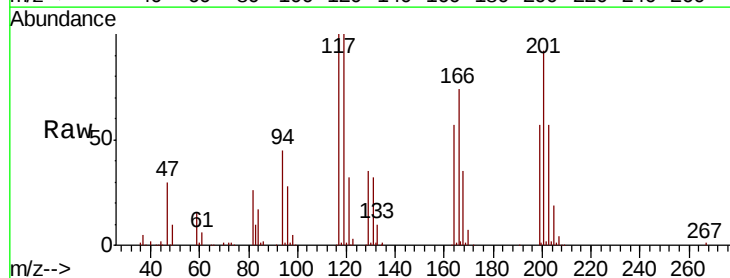
Instrument :
MSVOA_N
ClientSampled :

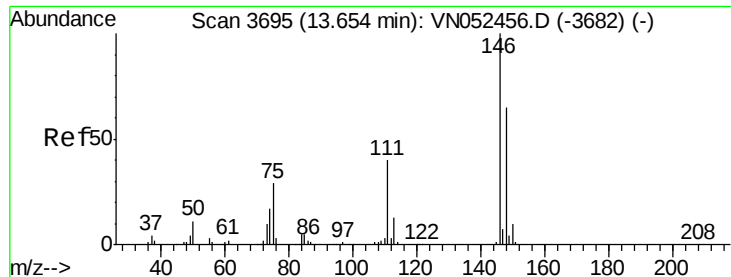
Tot Ion: 91 Resp: 664075
Ion Ratio Lower Upper
91 100
92 51.4 0.0 104.2
134 25.5 0.0 50.6



#86
Hexachloroethane
Concen: 18.886 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion: 117 Resp: 134078
Ion Ratio Lower Upper
117 100
201 89.9 43.8 131.3





#87

1,2-Dichlorobenzene

Concen: 19.443 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

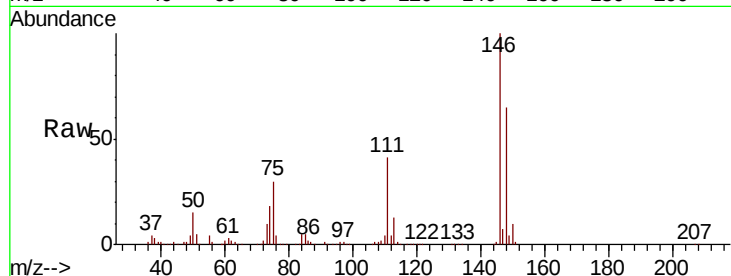
Tot Ion:146 Resp: 395267

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

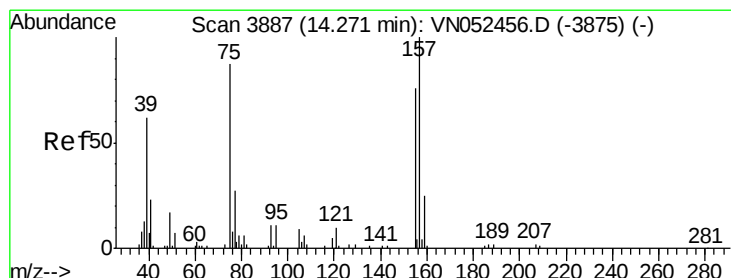
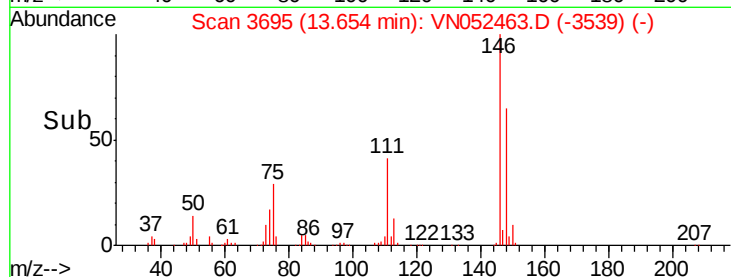
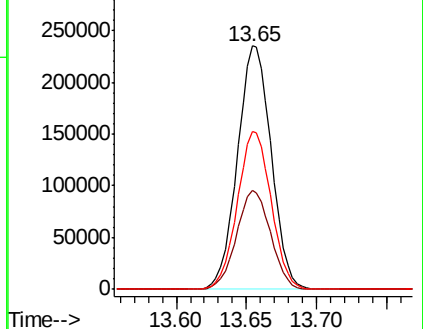
148 64.8 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.166 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052463.D

Acq: 26 Nov 2018 17:11

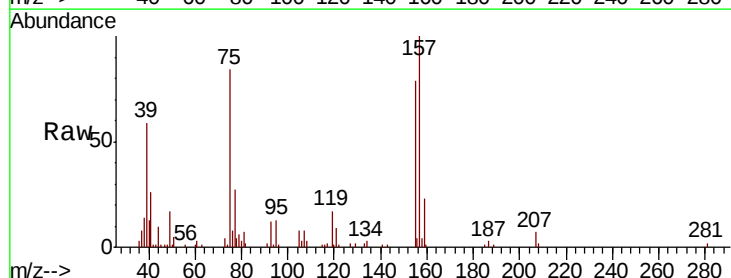
Tgt Ion: 75 Resp: 29330

Ion Ratio Lower Upper

75 100

155 92.5 72.2 108.2

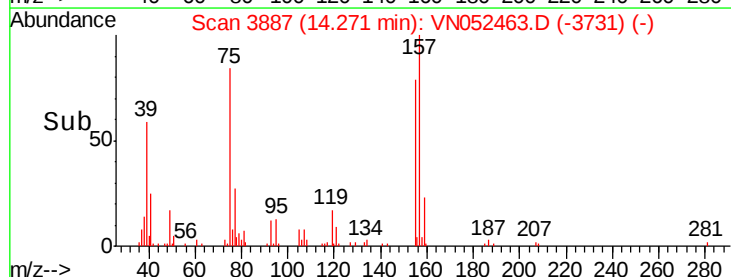
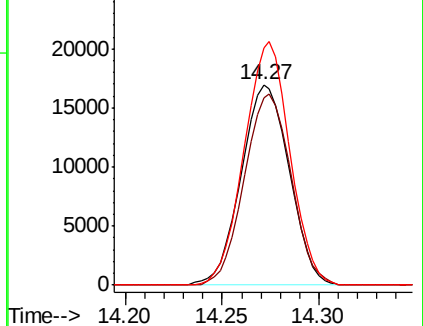
157 115.5 94.2 141.2

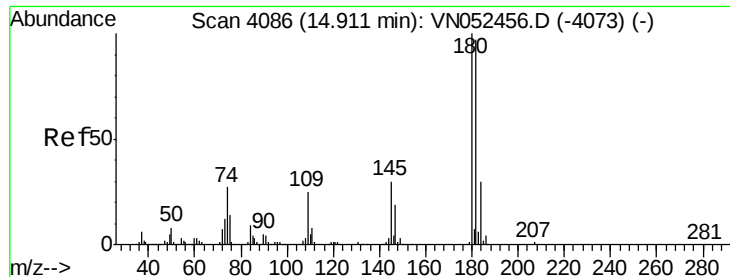


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

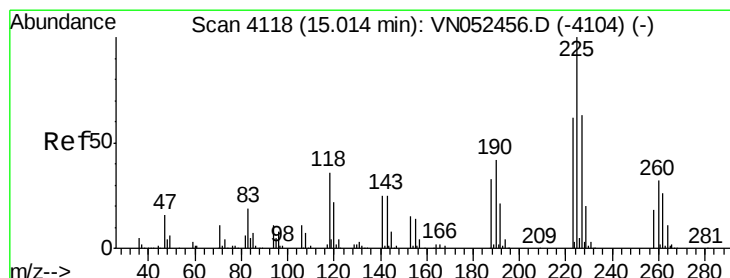
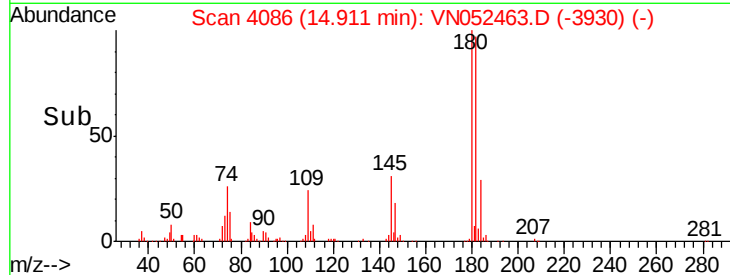
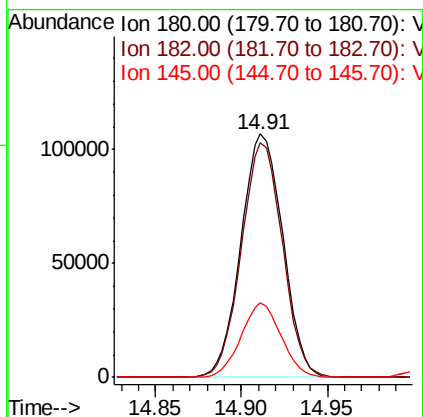
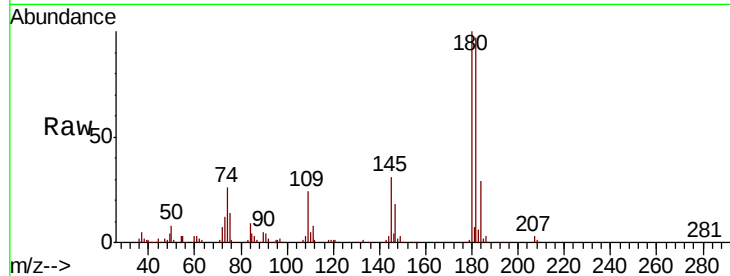




#89
 1,2,4-Trichlorobenzene
 Concen: 18.034 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

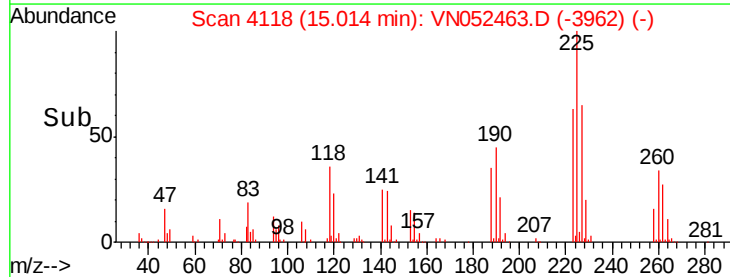
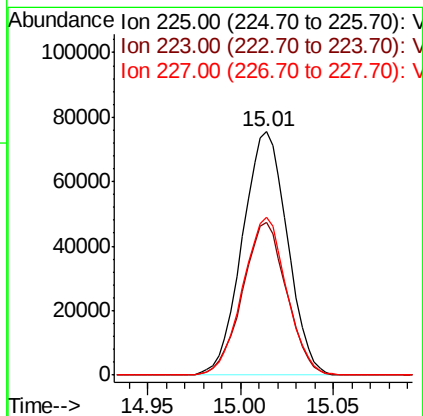
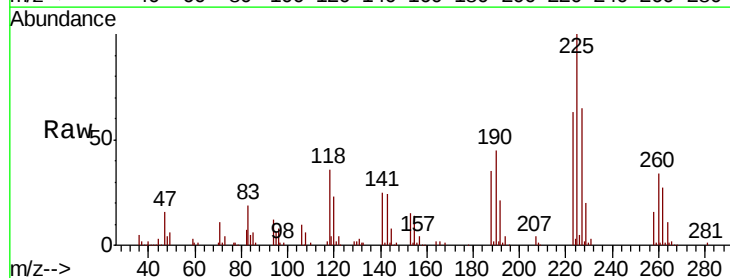
Instrument :
 MSVOA_N
 ClientSampled :

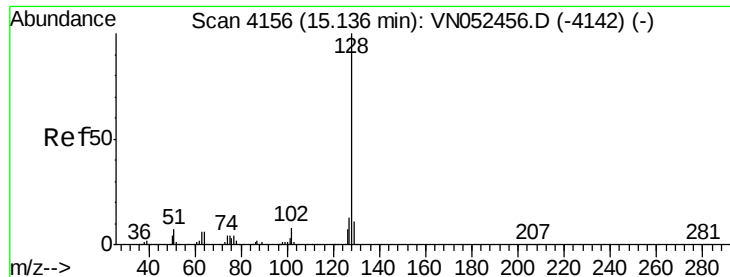
Tot Ion:180 Resp: 180628
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.6 114.8
 145 29.1 23.6 35.4



#90
 Hexachlorobutadiene
 Concen: 19.312 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN052463.D
 Acq: 26 Nov 2018 17:11

Tgt Ion:225 Resp: 126886
 Ion Ratio Lower Upper
 225 100
 223 61.3 0.0 125.6
 227 63.1 0.0 127.8

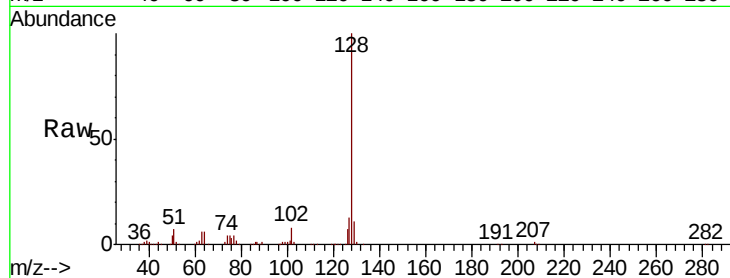




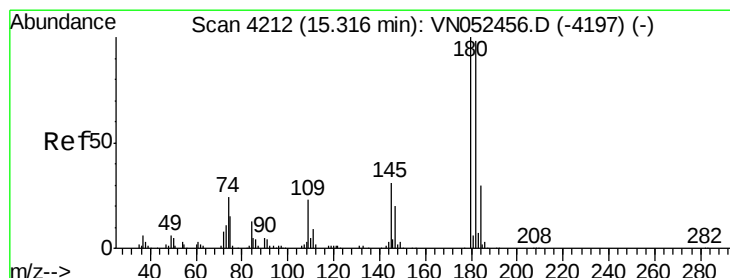
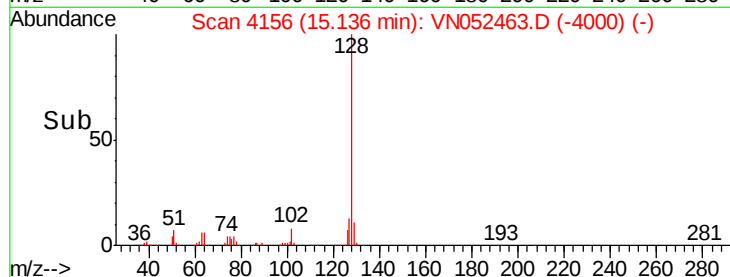
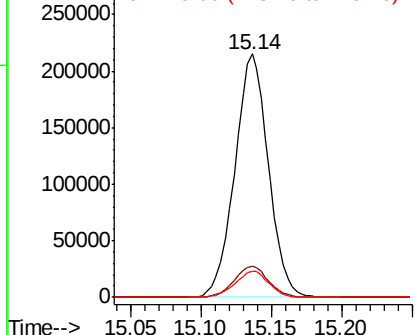
#91
Naphthalene
Concen: 17.735 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 358715
Ion Ratio Lower Upper
128 100
127 13.1 9.9 14.9
129 10.7 8.5 12.7

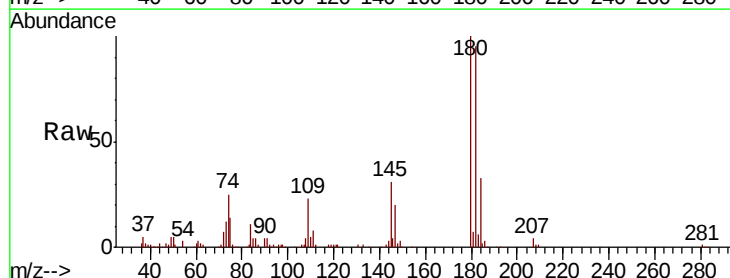


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 18.084 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052463.D
Acq: 26 Nov 2018 17:11

Tgt Ion:180 Resp: 166924
Ion Ratio Lower Upper
180 100
182 97.5 0.0 196.2
145 31.0 0.0 62.2



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

