

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112718\
 Data File : VN052494.D
 Acq On : 27 Nov 2018 22:59
 Operator : MD\SY
 Sample : VN1127WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

Quant Time: Nov 28 06:18:01 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	181642	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1061589	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	928357	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	364691	29.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.23%
60) 4-Bromofluorobenzene	12.40	95	419821	29.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.60%
63) Toluene-d8	10.09	98	1287190	29.90	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	186957	18.072	ug/l 98
3) Chloromethane	2.06	50	251404	18.324	ug/l 100
4) Vinyl Chloride	2.19	62	259483	18.739	ug/l 97
5) Bromomethane	2.58	94	155748	19.726	ug/l 96
6) Chloroethane	2.71	64	160035	19.434	ug/l 99
7) Trichlorofluoromethane	3.02	101	324686	18.999	ug/l 100
8) Diethyl Ether	3.41	74	123774	19.615	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	199918	18.454	ug/l 99
10) 1,1-Dichloroethene	3.74	96	197640	19.403	ug/l 96
11) Methyl Iodide	3.96	142	279546	19.766	ug/l 99
12) Methyl Acetate	4.33	43	163639	18.907	ug/l 97
13) Acrolein	3.61	56	94738	93.187	ug/l 97
14) Acrylonitrile	4.99	53	352115	95.485	ug/l 99
15) Acetone	3.82	58	79596	83.345	ug/l 96
16) Carbon Disulfide	4.06	76	571195	17.712	ug/l 99
17) Allyl chloride	4.33	41	327659	18.445	ug/l 99
18) Methylene Chloride	4.55	84	227780	19.313	ug/l 96
19) trans-1,2-Dichloroethene	5.05	96	210905	19.240	ug/l 97
20) Diisopropyl ether	5.95	45	710485	19.032	ug/l 100
21) 1,1-Dichloroethane	5.85	63	410478	19.292	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	245179	19.516	ug/l 98
23) tert-Butyl Alcohol	4.78	59	52243	95.235	ug/l # 100
24) Methyl tert-Butyl Ether	5.04	73	540743	20.236	ug/l 98
25) Chloroform	7.37	83	401760	19.573	ug/l 100
26) Cyclohexane	7.65	56	369574	18.416	ug/l # 99
29) 1,1-Dichloropropene	7.79	75	306984	18.936	ug/l 99
30) 2-Butanone	6.83	43	385485	88.863	ug/l 98
31) 2,2-Dichloropropane	6.82	77	256187	17.165	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	323723	19.191	ug/l 96
33) Carbon Tetrachloride	7.77	117	276733	18.749	ug/l 99
34) Benzene	8.04	78	929873	19.078	ug/l 98
35) Methacrylonitrile	7.17	41	83859	15.581	ug/l 97
36) 1,2-Dichloroethane	8.12	62	285137	19.305	ug/l 100
37) Trichloroethene	8.83	130	241092	19.507	ug/l 97
38) Methylcyclohexane	9.08	83	356486	17.764	ug/l 98
39) 1,2-Dichloropropane	9.12	63	246751	18.886	ug/l 97
40) Dibromomethane	9.21	93	136118	19.279	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112718\
 Data File : VN052494.D
 Acq On : 27 Nov 2018 22:59
 Operator : MD\SY
 Sample : VN1127WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

Quant Time: Nov 28 06:18:01 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	291257	18.672	ug/l	100
42) Vinyl Acetate	5.90	43	2180154	92.887	ug/l	98
43) Ethyl Acetate	6.93	43	174226	18.888	ug/l #	67
44) Isopropyl Acetate	8.17	43	320153	19.790	ug/l	97
45) 1,4-Dioxane	9.20	88	32958	372.403	ug/l	99
46) Methyl methacrylate	9.20	41	158587	18.880	ug/l	97
47) n-amyl Acetate	12.07	43	243716	18.170	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	274877	18.174	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	340618	18.484	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	197337	19.718	ug/l	98
51) Ethyl methacrylate	10.43	69	243833	19.399	ug/l	97
52) 1,3-Dichloropropane	10.71	76	346582	19.456	ug/l	99
53) Dibromochloromethane	10.90	129	207094	18.795	ug/l	98
54) 1,2-Dibromoethane	11.01	107	194573	19.896	ug/l	96
55) 2-Chloroethyl vinyl ether	9.70	63	691091	93.928	ug/l	98
56) Bromoform	12.13	173	137348	19.071	ug/l	100
58) 4-Methyl-2-Pentanone	9.98	43	880825	97.867	ug/l	98
59) 2-Hexanone	10.75	43	570578	92.805	ug/l	98
61) Tetrachloroethene	10.63	164	237585	20.779	ug/l	97
62) Toluene	10.16	91	1014214	19.818	ug/l	99
64) Chlorobenzene	11.44	112	608014	19.464	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	205211	18.926	ug/l	98
66) Ethyl Benzene	11.51	91	1066748	19.340	ug/l	99
67) m/p-Xylenes	11.62	106	811572	39.494	ug/l	99
68) o-Xylene	11.95	106	396085	19.859	ug/l	100
69) Styrene	11.96	104	624990	19.414	ug/l	100
70) Isopropylbenzene	12.25	105	1038788	19.575	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	223042	19.321	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	272580	27.507	ug/l	51
73) Bromobenzene	12.53	156	254499	19.829	ug/l	96
74) n-propylbenzene	12.59	91	1174937	19.002	ug/l	99
75) 2-Chlorotoluene	12.68	91	697276	19.428	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	839449	19.584	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	54395	17.376	ug/l	98
78) 4-Chlorotoluene	12.77	91	683164	19.061	ug/l	100
79) tert-butylbenzene	12.99	119	744988	19.957	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	842216	19.637	ug/l	100
81) sec-Butylbenzene	13.17	105	1003057	19.292	ug/l	100
82) p-Isopropyltoluene	13.29	119	842072	19.020	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	432094	19.142	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	417352	19.136	ug/l	99
85) n-Butylbenzene	13.62	91	674731	17.742	ug/l	99
86) Hexachloroethane	13.88	117	135432	18.054	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	425716	19.818	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	31064	19.211	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	190978	18.045	ug/l	99
90) Hexachlorobutadiene	15.01	225	131305	18.913	ug/l	98
91) Naphthalene	15.13	128	393912	18.431	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	180436	18.500	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112718\
Data File : VN052494.D
Acq On : 27 Nov 2018 22:59
Operator : MD\SY
Sample : VN1127WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

Quant Time: Nov 28 06:18:01 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

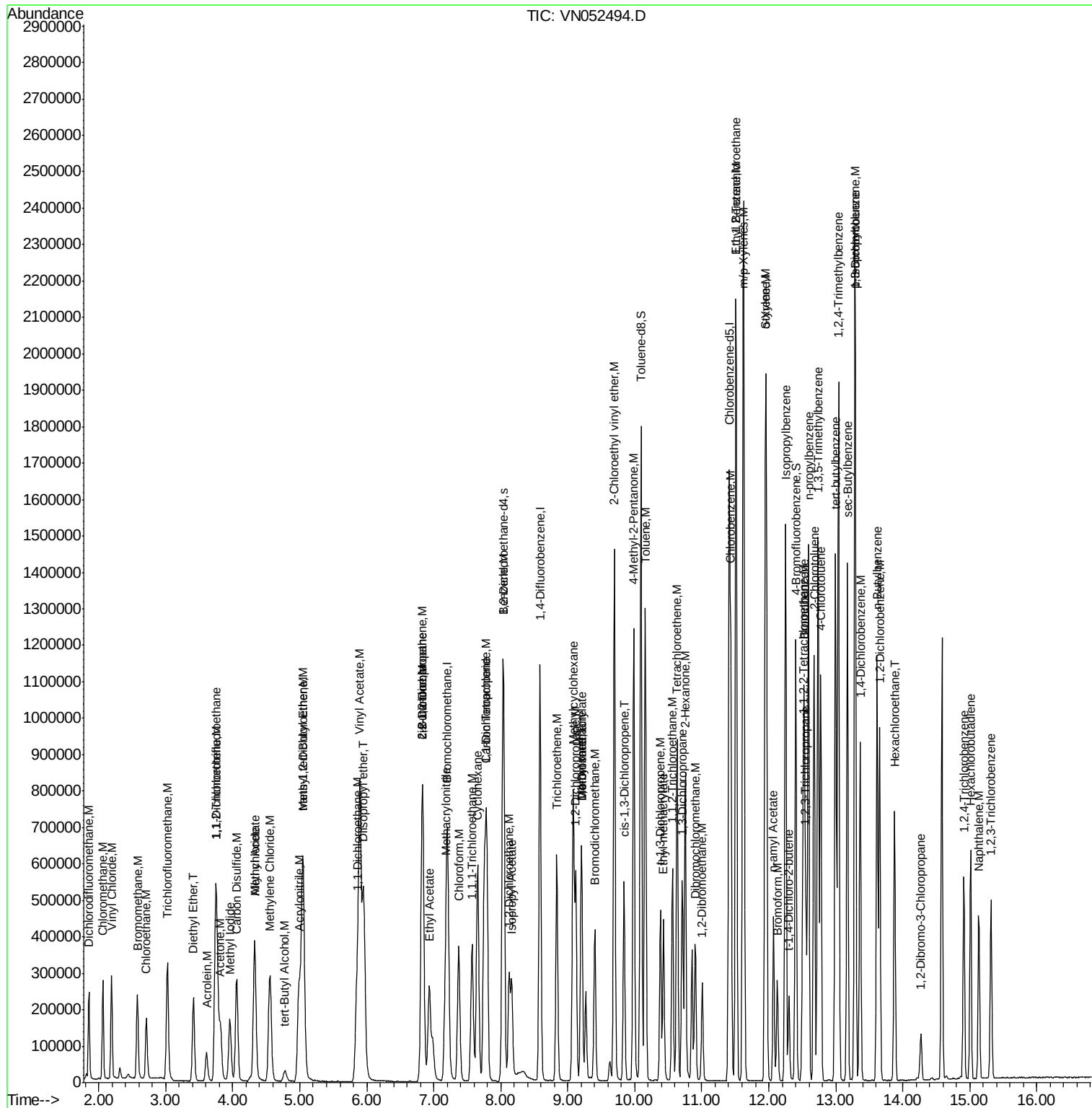
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

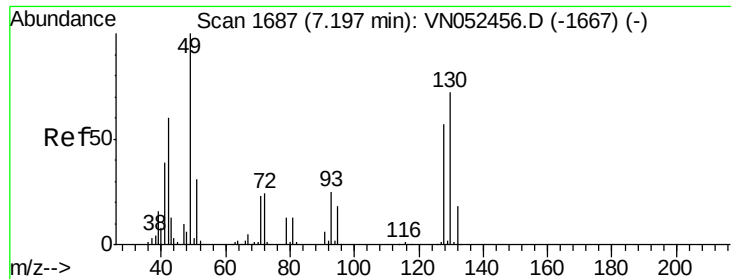
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112718\
Data File : VN052494.D
Acq On : 27 Nov 2018 22:59
Operator : MD\SY
Sample : VN1127WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

Quant Time: Nov 27 23:54:59 2018
Quant Method : Z:\V0ASRV\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: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :
MSVOA_N
ClientSampled :
VN1127WBS02

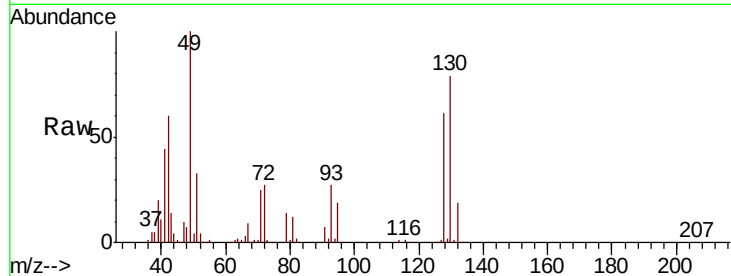
Tot Ion:128 Resp: 181642

Ion Ratio Lower Upper

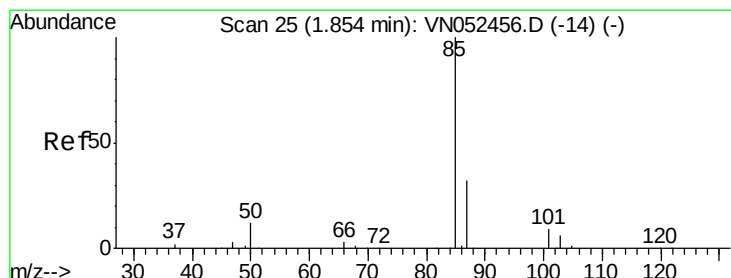
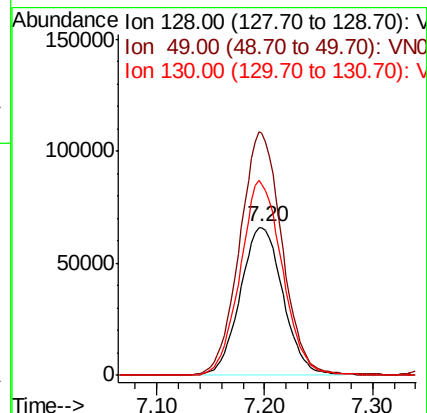
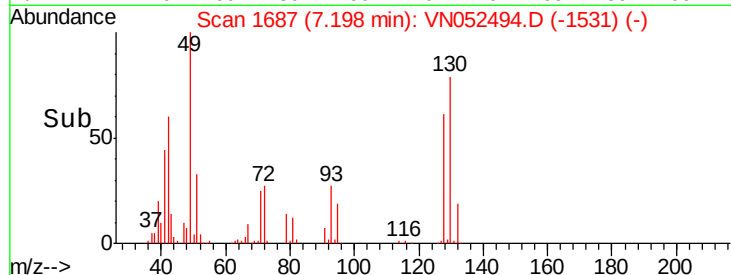
128 100

49 163.3 0.0 431.8

130 130.2 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: 18.072 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052494.D

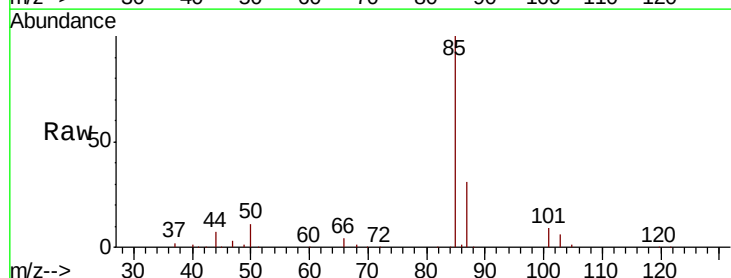
Acq: 27 Nov 2018 22:59

Tgt Ion: 85 Resp: 186957

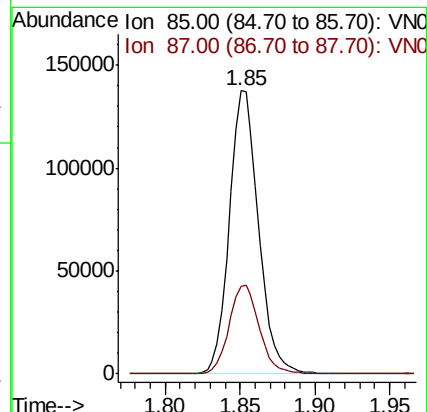
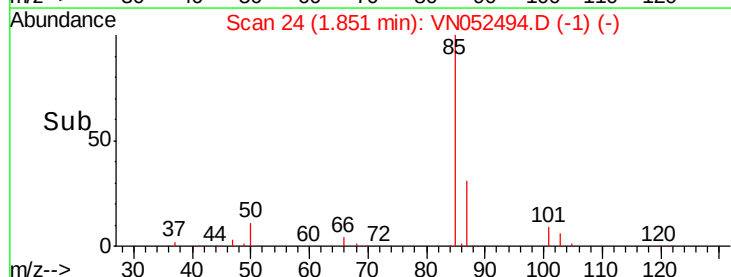
Ion Ratio Lower Upper

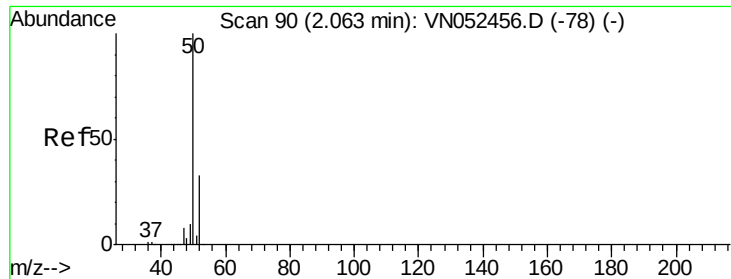
85 100

87 31.1 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: 18.324 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

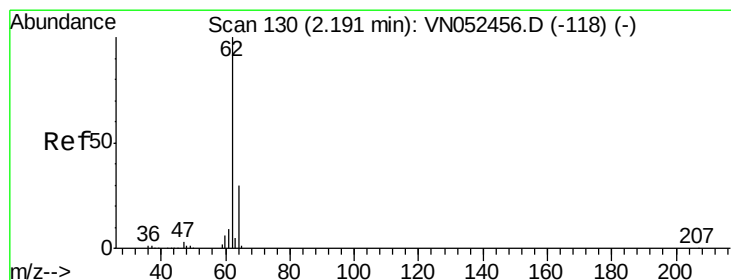
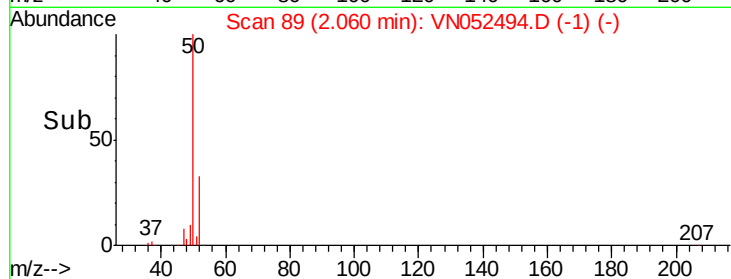
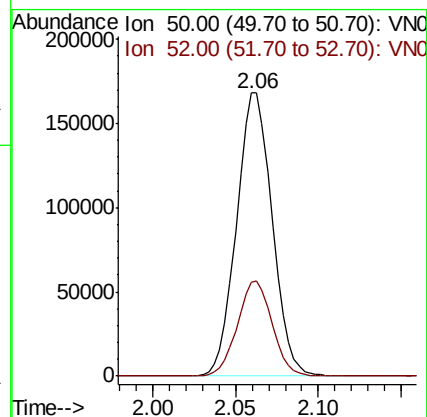
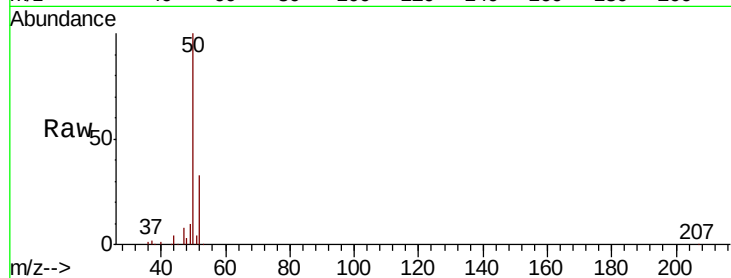
VN1127WBS02

Tot Ion: 50 Resp: 251404

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



#4

Vinyl Chloride

Concen: 18.739 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052494.D

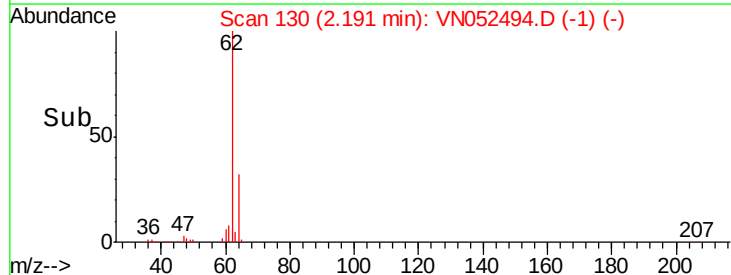
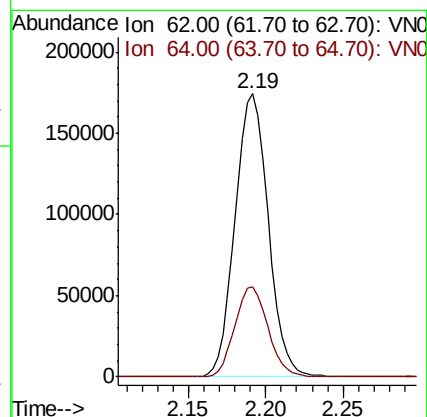
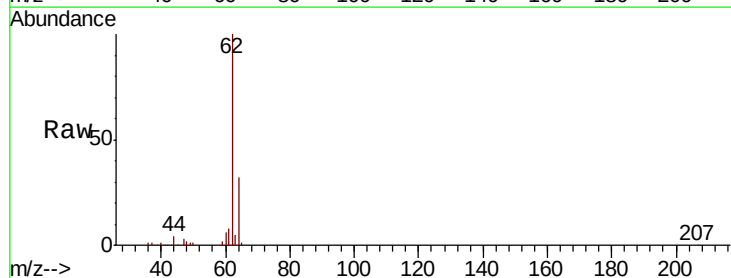
Acq: 27 Nov 2018 22:59

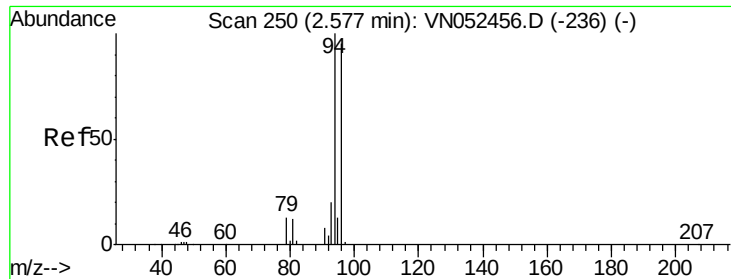
Tgt Ion: 62 Resp: 259483

Ion Ratio Lower Upper

62 100

64 31.7 24.2 36.4





#5

Bromomethane

Concen: 19.726 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

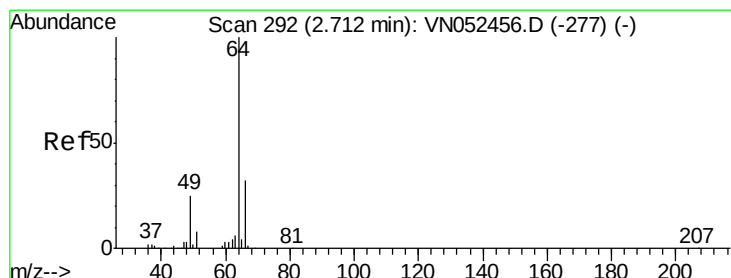
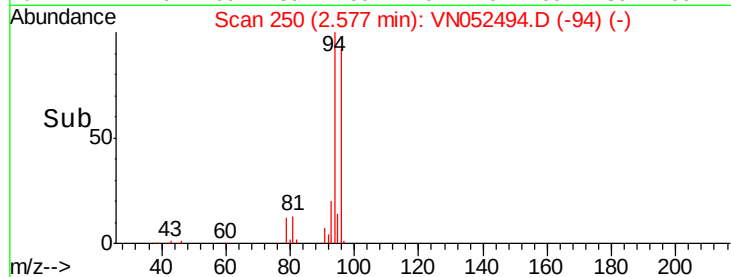
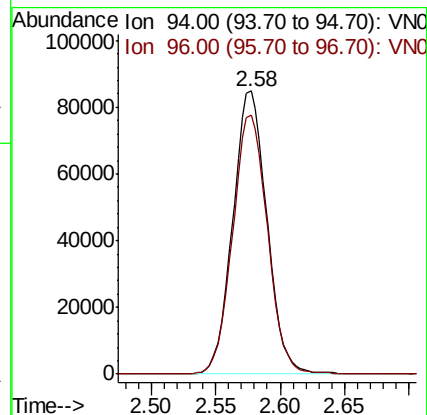
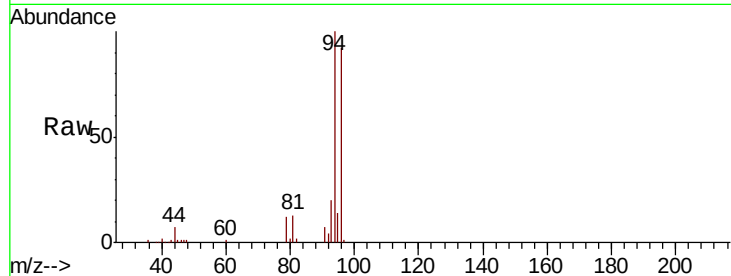
VN1127WBS02

Tot Ion: 94 Resp: 155748

Ion Ratio Lower Upper

94 100

96 91.5 76.2 114.2



#6

Chloroethane

Concen: 19.434 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052494.D

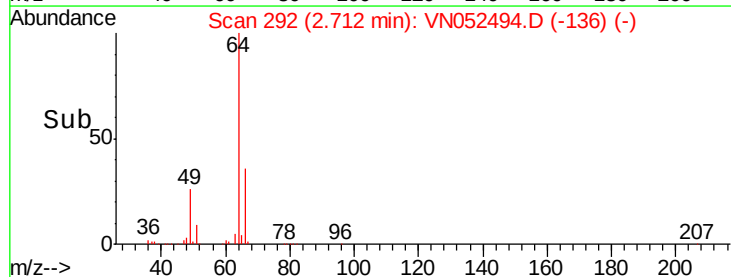
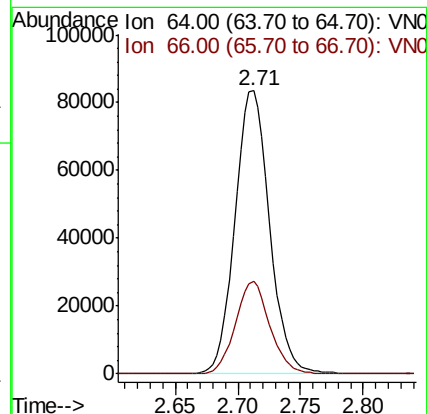
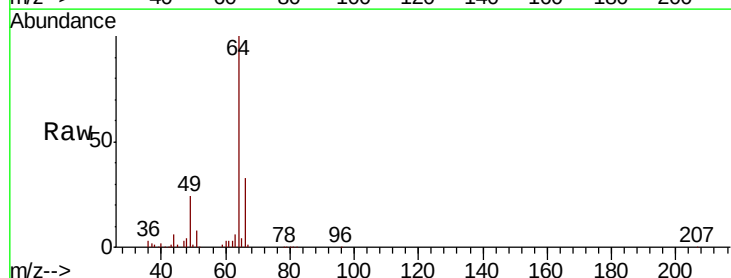
Acq: 27 Nov 2018 22:59

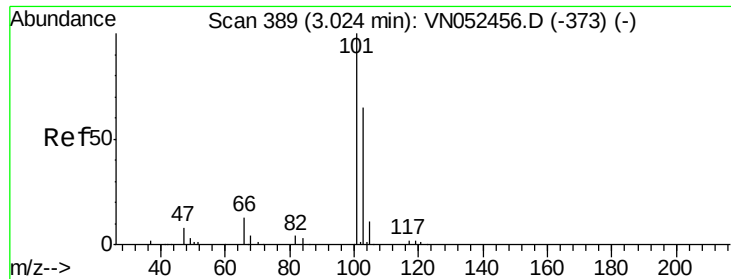
Tgt Ion: 64 Resp: 160035

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4



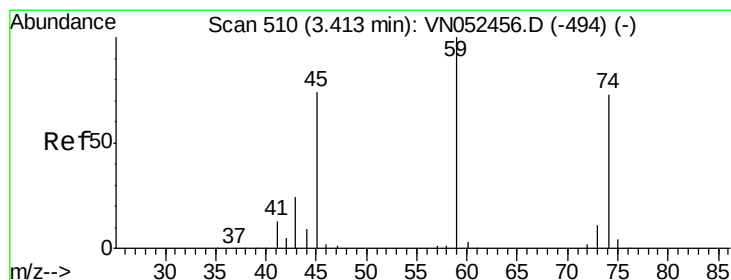
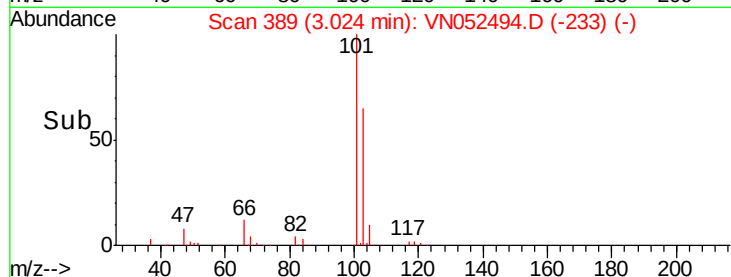
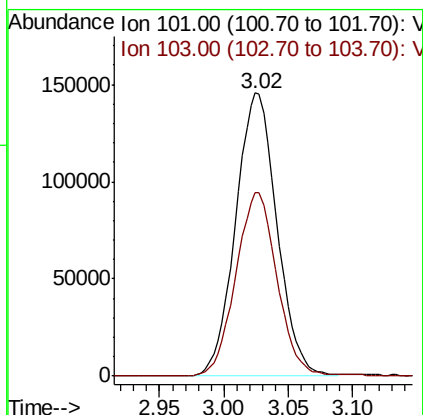
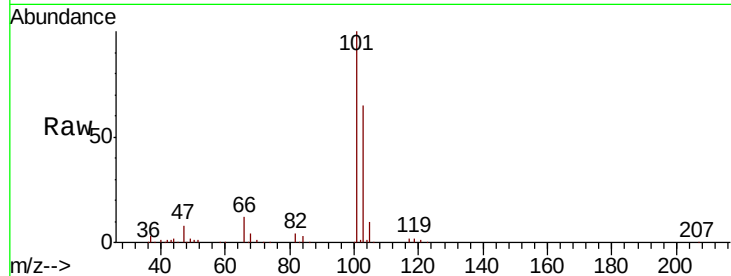


#7

Trichlorofluoromethane
Concen: 18.999 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

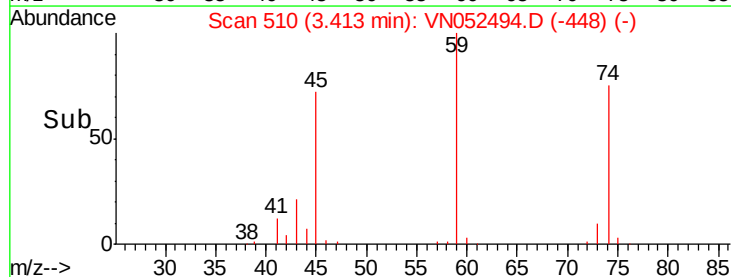
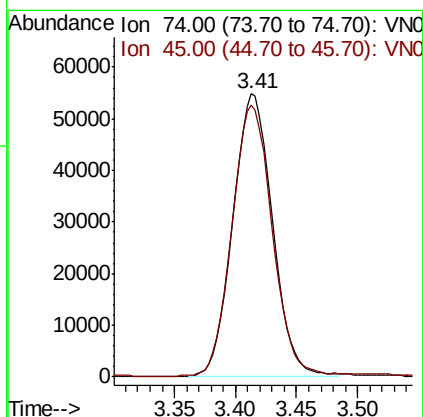
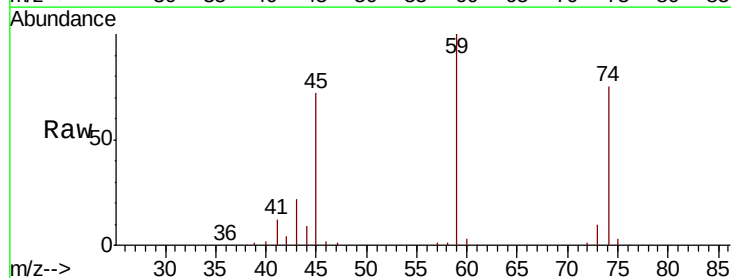
Tot Ion:101 Resp: 324686
Ion Ratio Lower Upper
101 100
103 64.8 52.1 78.1

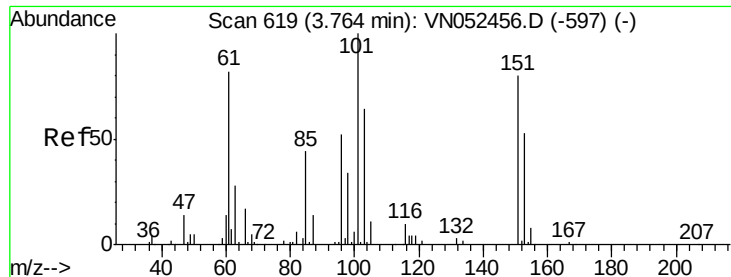


#8

Diethyl Ether
Concen: 19.615 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Tgt Ion: 74 Resp: 123774
Ion Ratio Lower Upper
74 100
45 96.2 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.454 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

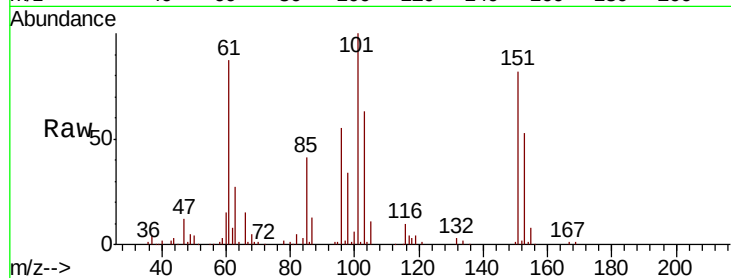
Tot Ion:101 Resp: 199918

Ion Ratio Lower Upper

101 100

85 41.5 0.0 82.6

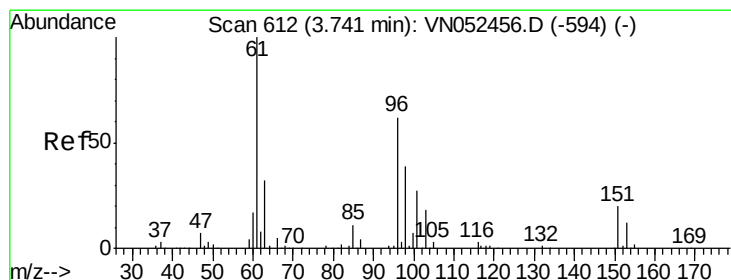
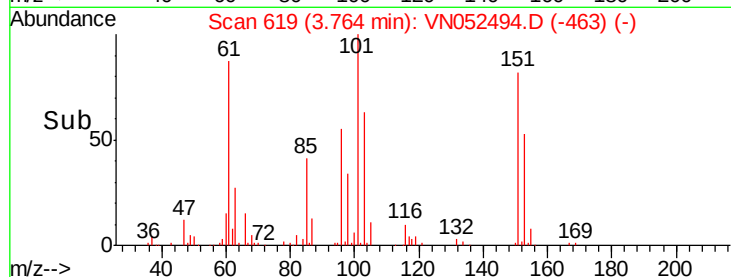
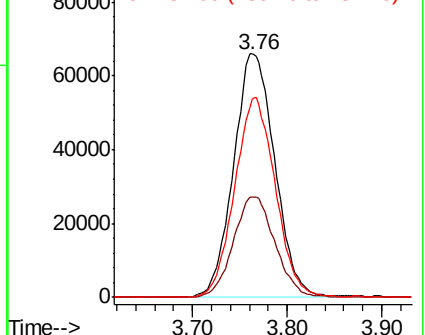
151 80.8 0.0 158.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.403 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

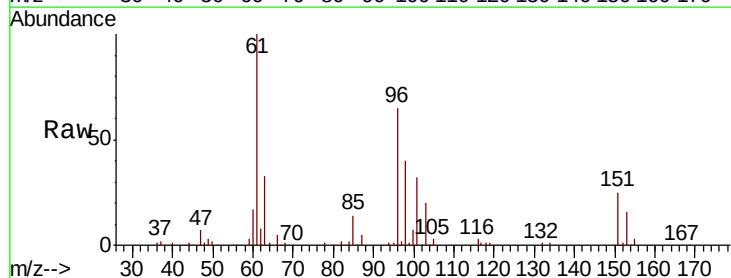
Tgt Ion: 96 Resp: 197640

Ion Ratio Lower Upper

96 100

61 154.3 129.4 194.2

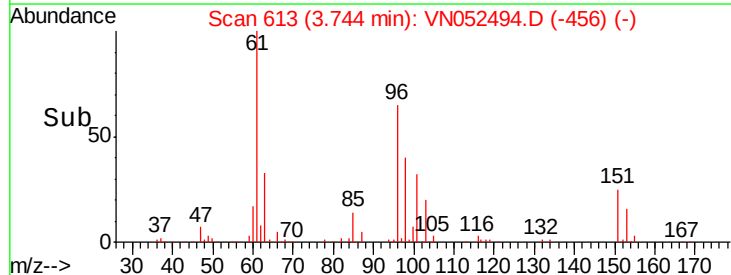
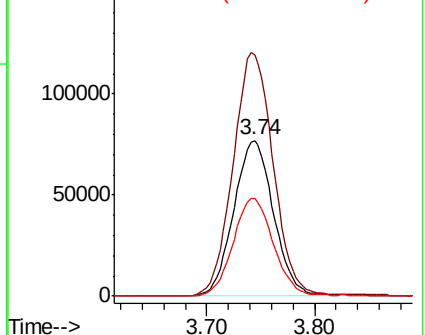
98 62.4 50.4 75.6

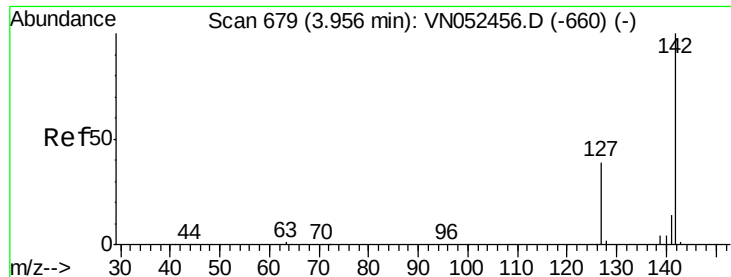


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

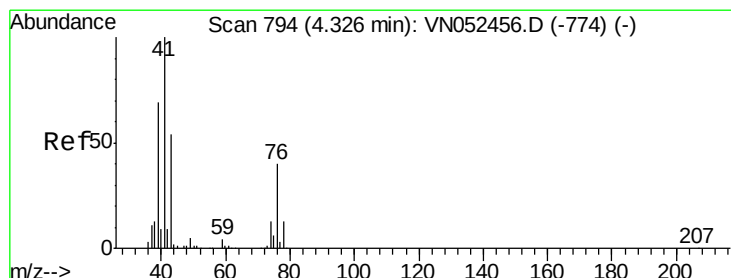
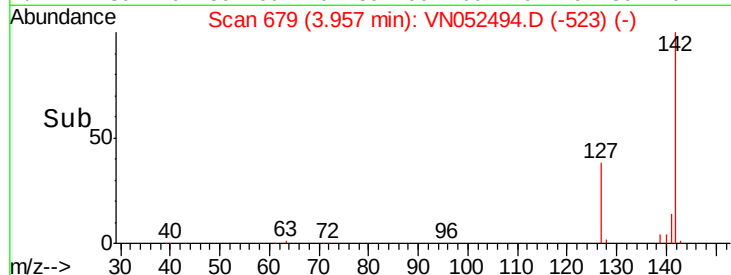
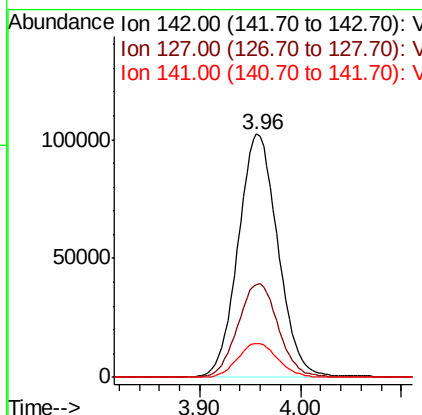
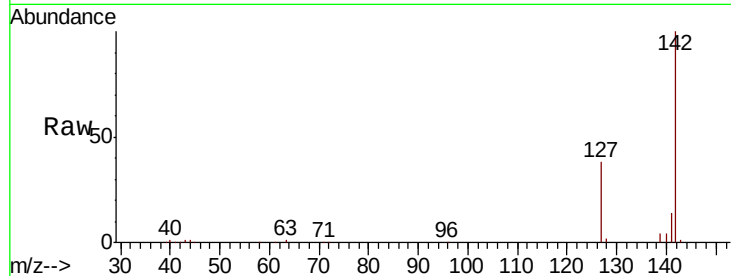




#11
Methvl Iodide
Concen: 19.766 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

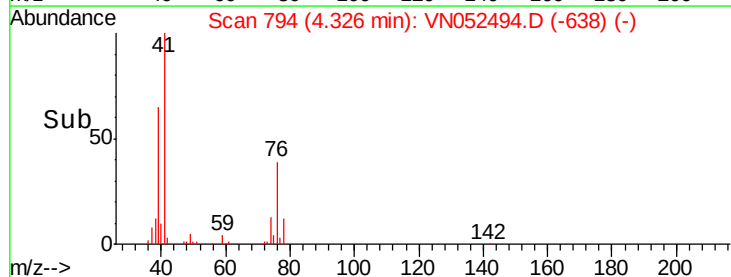
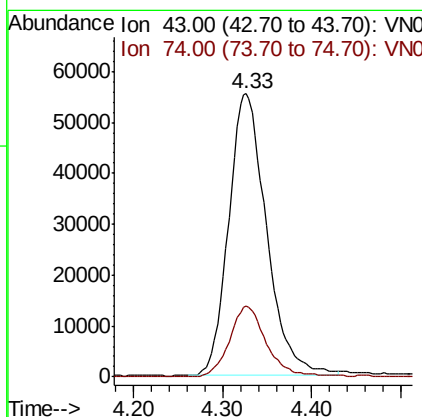
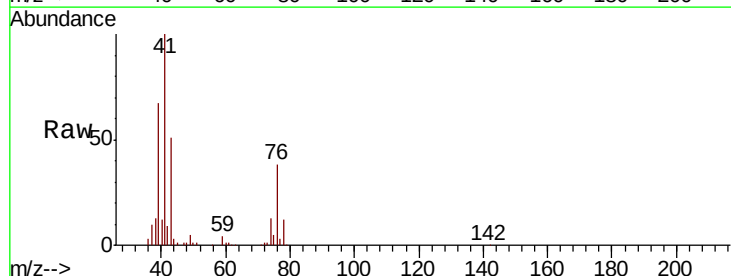
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

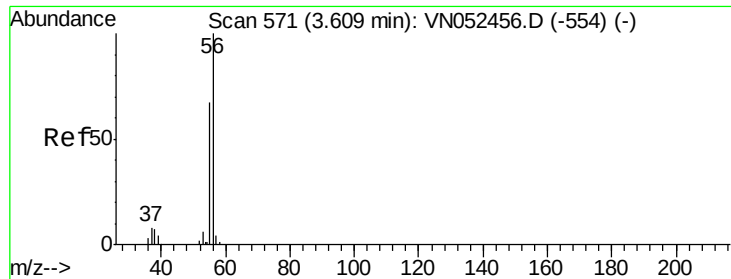
Tot Ion:142 Resp: 279546
Ion Ratio Lower Upper
142 100
127 38.3 19.4 58.1
141 14.0 7.2 21.6



#12
Methyl Acetate
Concen: 18.907 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Tgt Ion: 43 Resp: 163639
Ion Ratio Lower Upper
43 100
74 25.1 18.9 28.3





#13

Acrolein

Concen: 93.187 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

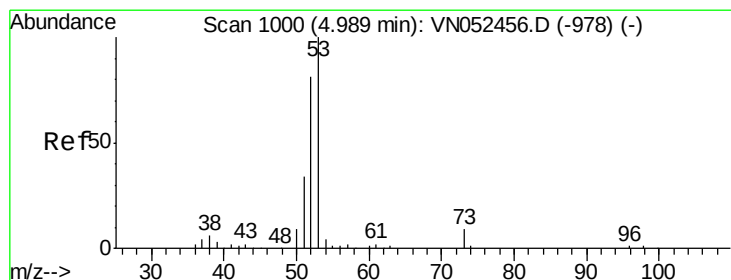
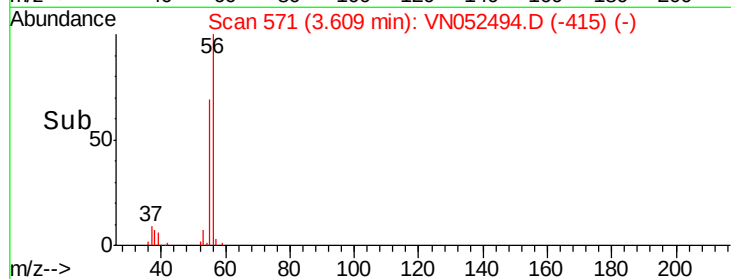
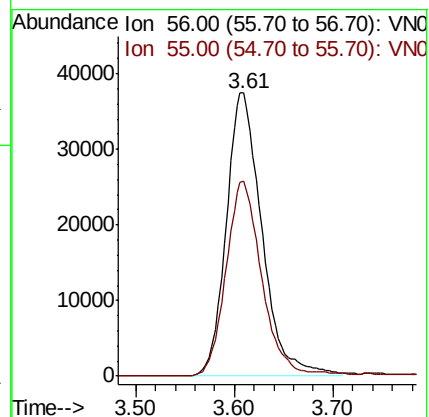
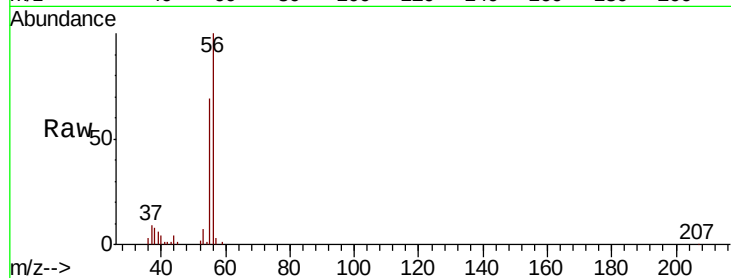
VN1127WBS02

Tot Ion: 56 Resp: 94738

Ion Ratio Lower Upper

56 100

55 68.4 56.7 85.1



#14

Acrylonitrile

Concen: 95.485 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

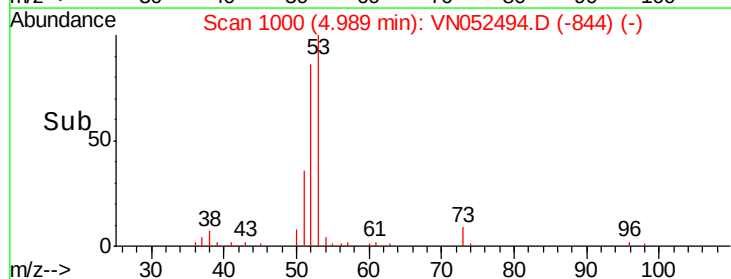
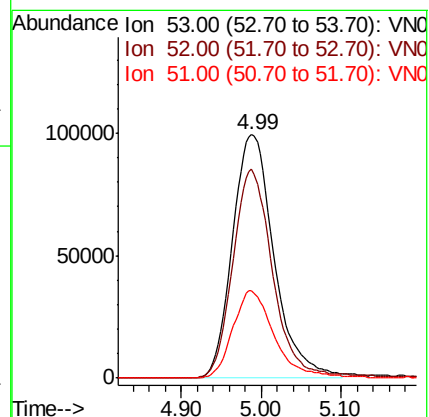
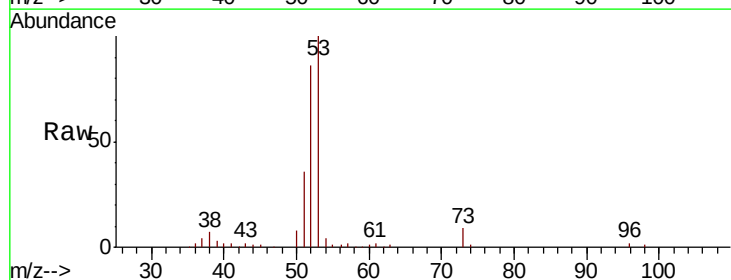
Tgt Ion: 53 Resp: 352115

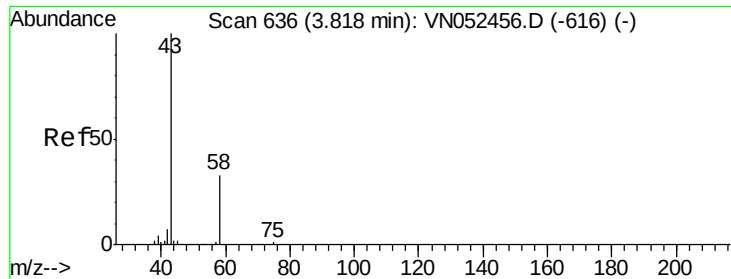
Ion Ratio Lower Upper

53 100

52 81.4 39.9 119.7

51 35.8 17.6 52.9





#15

Acetone

Concen: 83.345 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

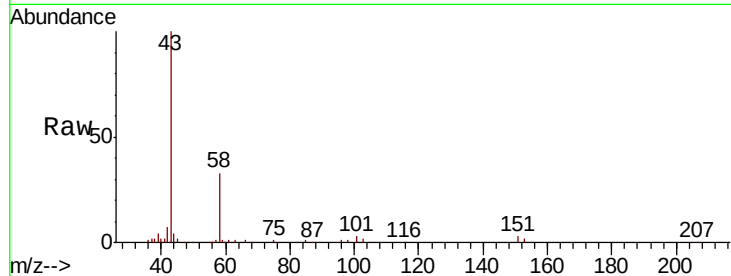
VN1127WBS02

Tot Ion: 58 Resp: 79596

Ion Ratio Lower Upper

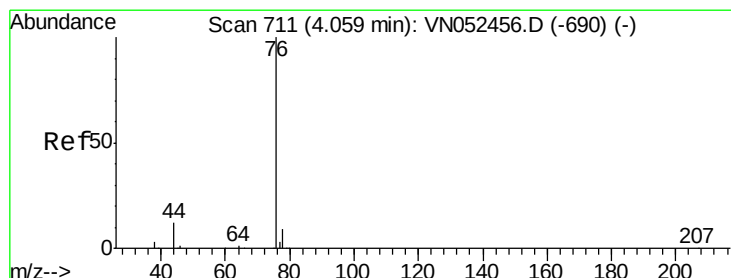
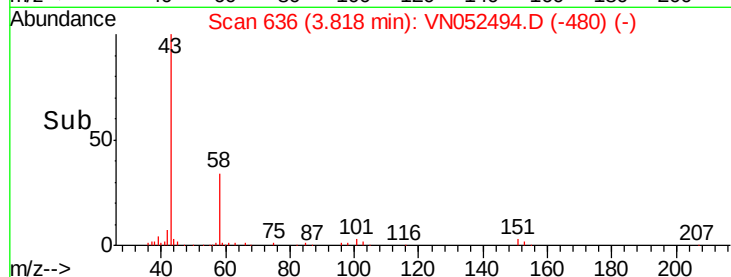
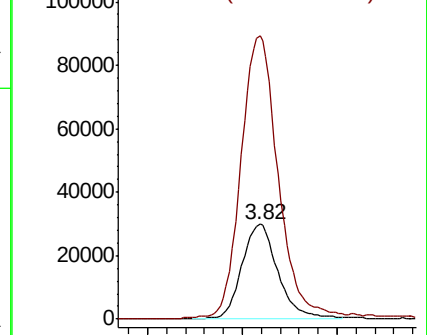
58 100

43 297.0 243.6 365.4



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: 17.712 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052494.D

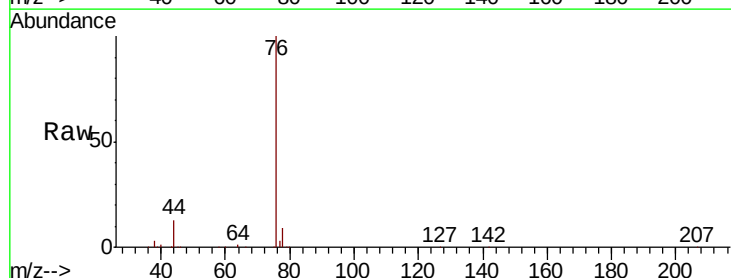
Acq: 27 Nov 2018 22:59

Tgt Ion: 76 Resp: 571195

Ion Ratio Lower Upper

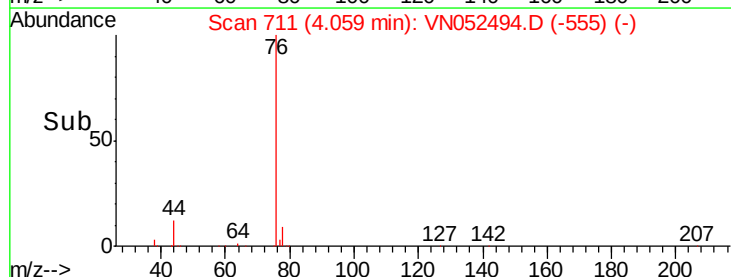
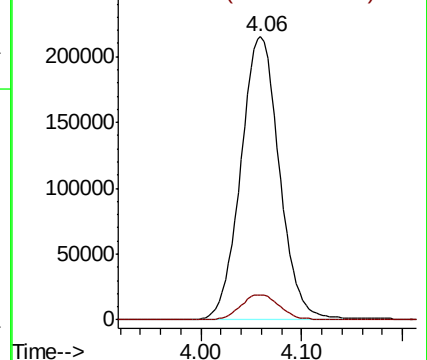
76 100

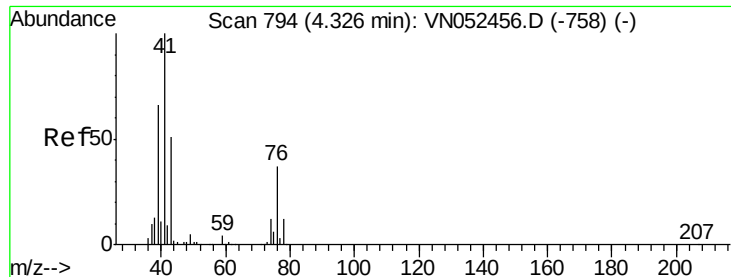
78 8.9 7.3 10.9



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

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

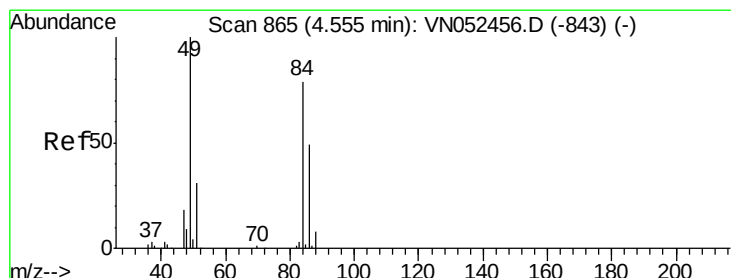
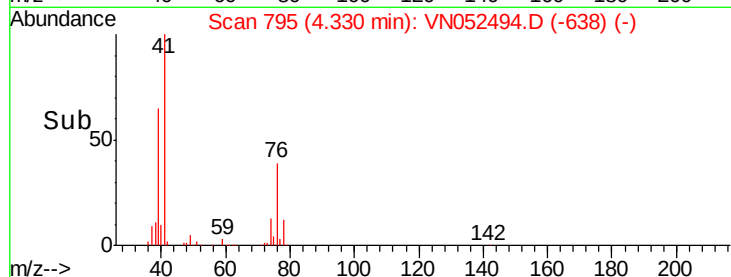
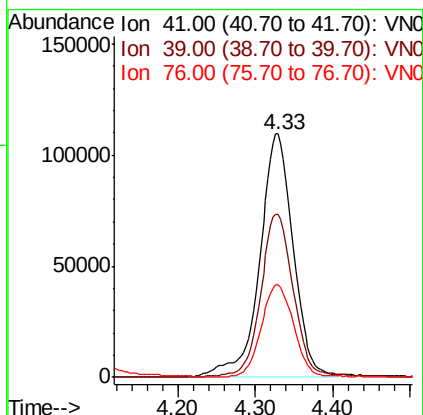
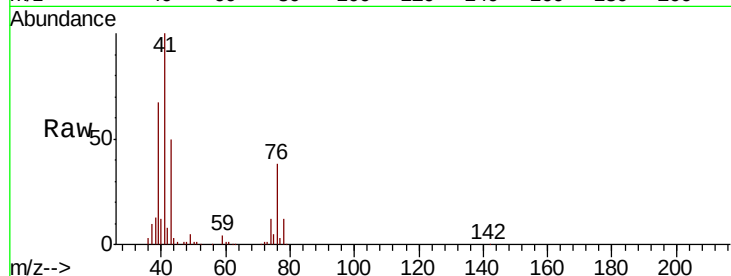




#17
Allvl chloride
Concen: 18.445 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

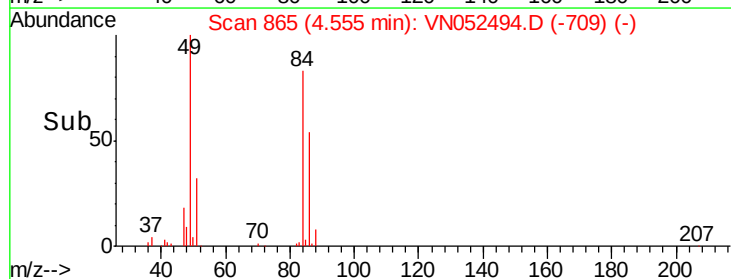
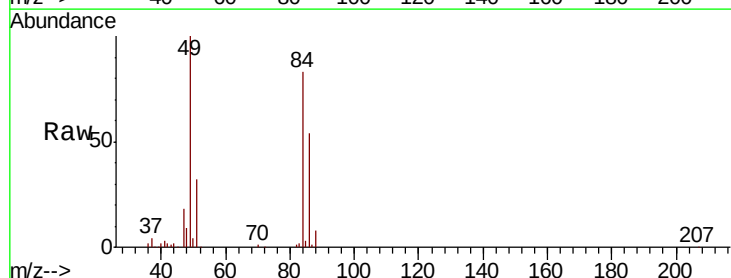
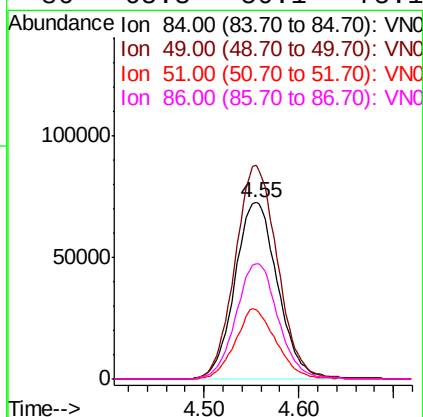
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

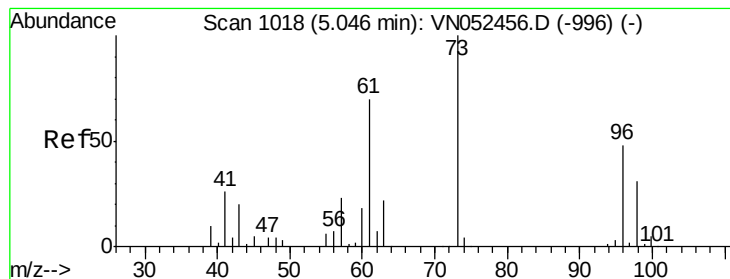
Tot Ion	Ratio	Lower	Upper
41	100		
39	66.9	32.8	98.3
76	37.5	18.6	55.8



#18
Methylene Chloride
Concen: 19.313 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	101.4	152.0
51	39.0	31.7	47.5
86	65.3	50.1	75.1





#19

trans-1,2-Dichloroethene

Concen: 19.240 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

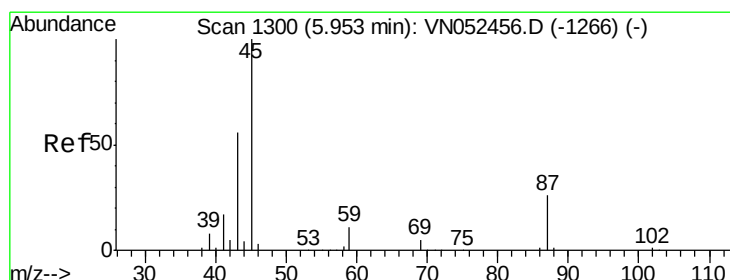
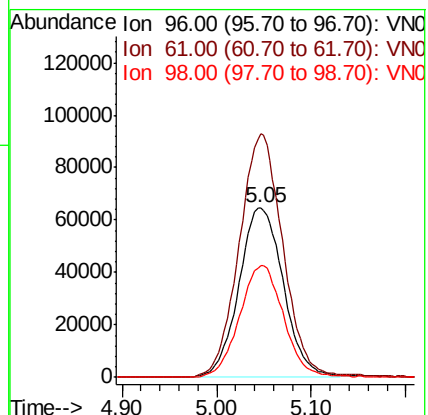
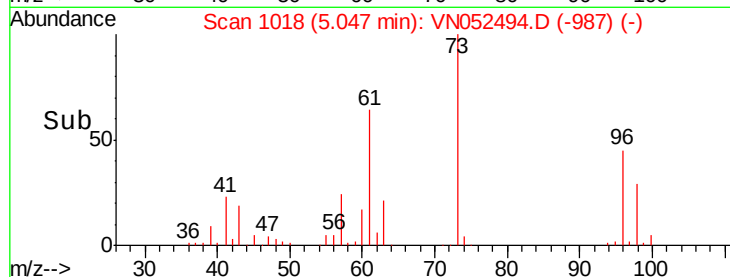
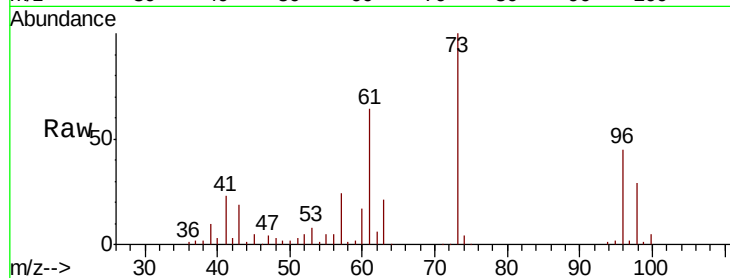
Tot Ion: 96 Resp: 210905

Ion Ratio Lower Upper

96 100

61 143.3 118.2 177.4

98 65.7 51.4 77.2



#20

Diisopropyl ether

Concen: 19.032 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Tgt Ion: 45 Resp: 710485

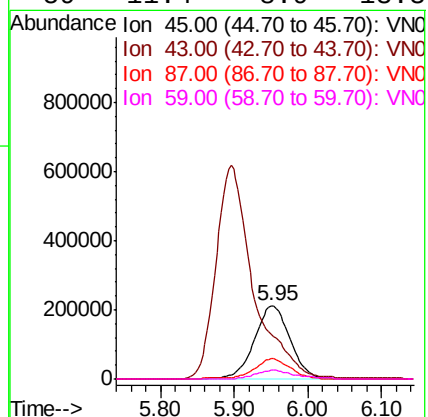
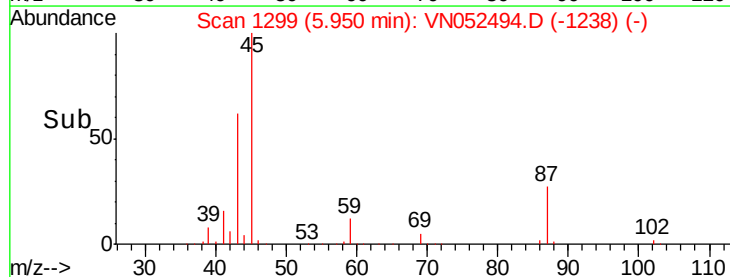
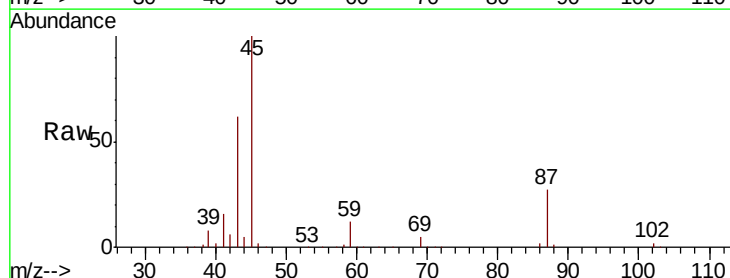
Ion Ratio Lower Upper

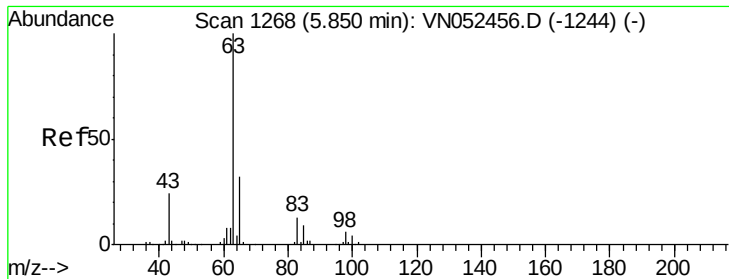
45 100

43 59.6 47.8 71.8

87 27.0 21.3 31.9

59 11.4 8.9 13.3





#21

1,1-Dichloroethane

Concen: 19.292 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

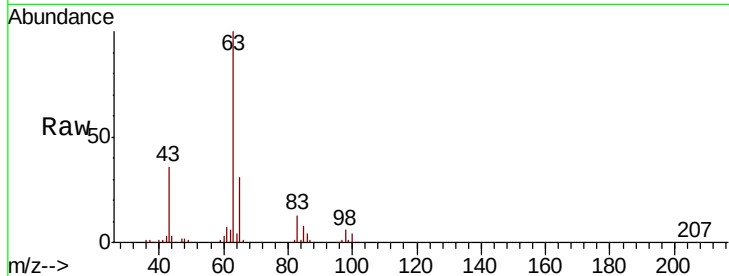
Tot Ion: 63 Resp: 410478

Ion Ratio Lower Upper

63 100

98 6.2 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

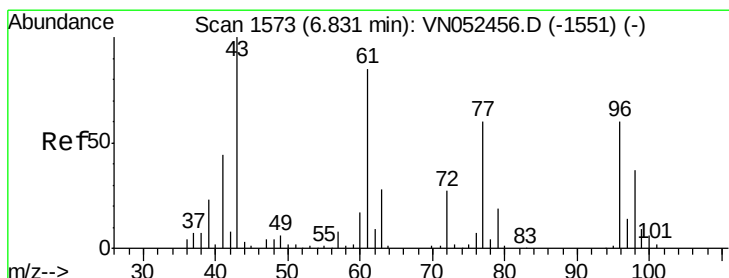
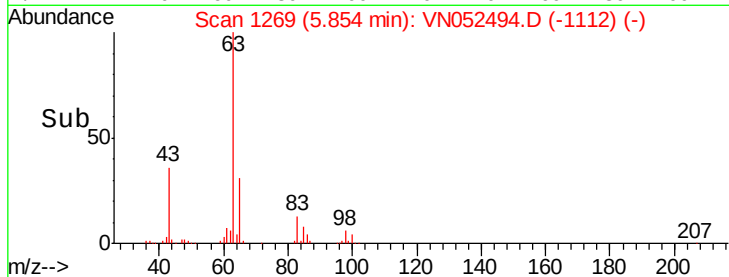
150000

100000

50000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 19.516 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

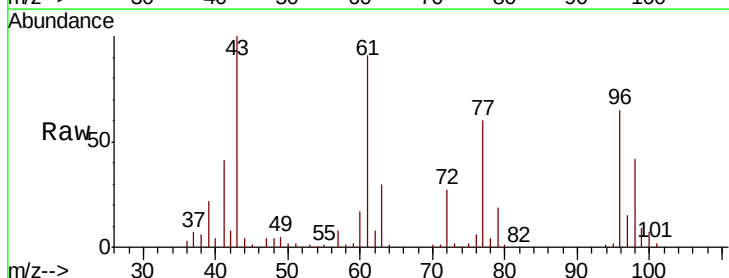
Tgt Ion: 96 Resp: 245179

Ion Ratio Lower Upper

96 100

61 142.4 116.7 175.1

98 64.6 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

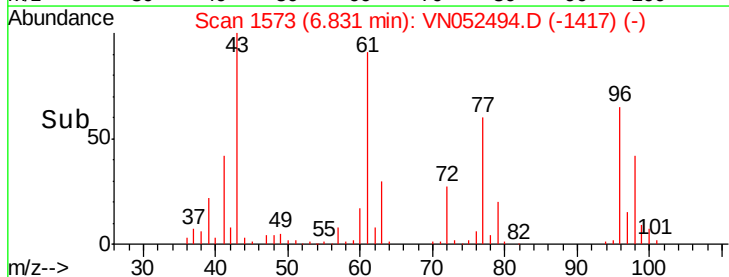
150000

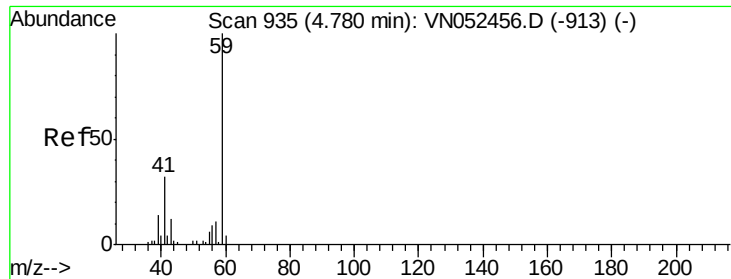
100000

50000

0

Time-->



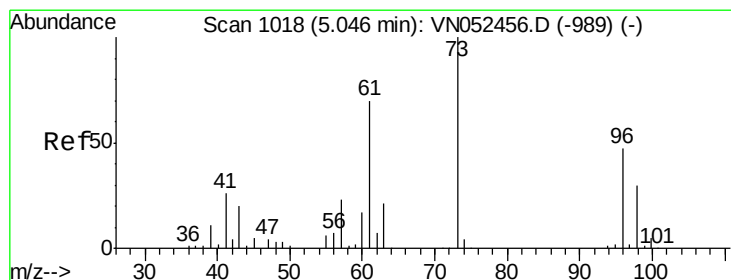
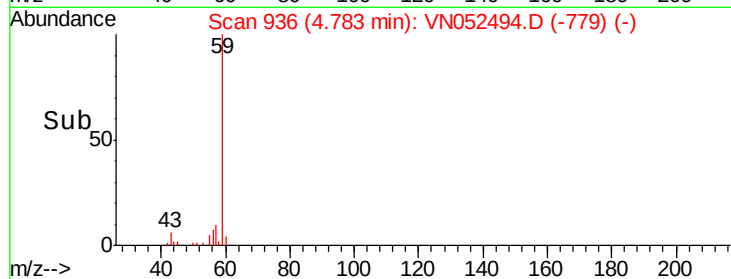
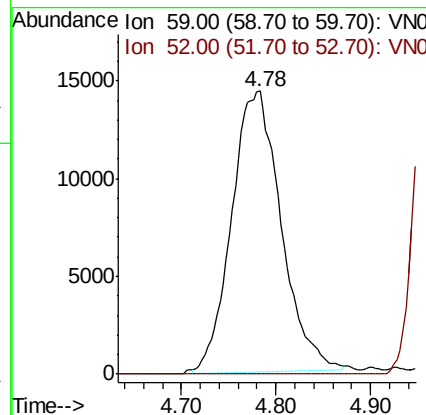
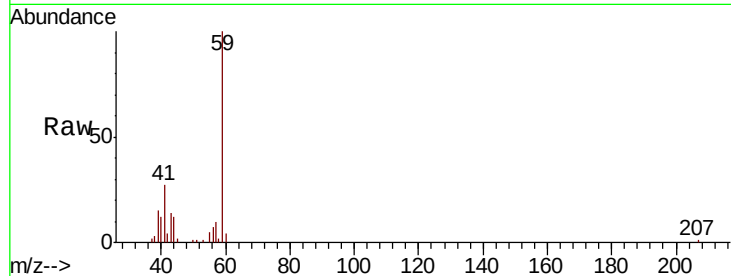


#23

tert-Butyl Alcohol
 Concen: 95.235 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

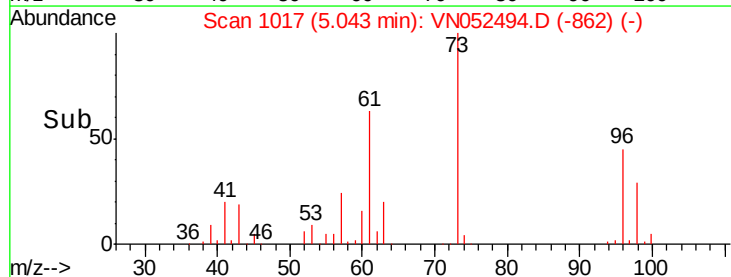
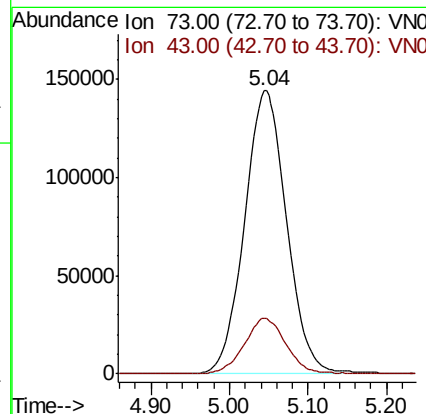
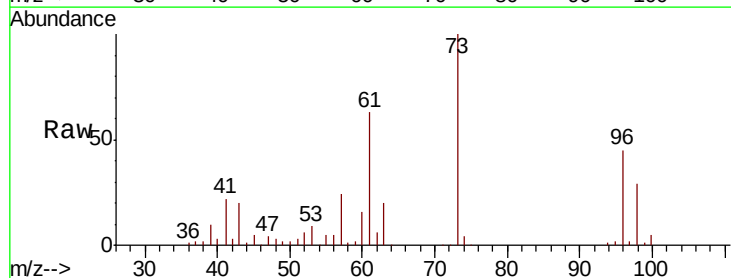
Tot Ion: 59 Resp: 52243
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

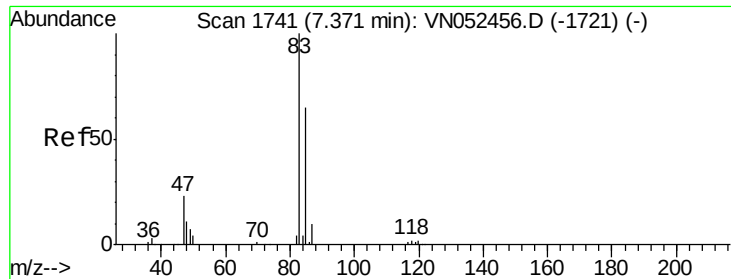


#24

Methyl tert-Butyl Ether
 Concen: 20.236 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Tgt Ion: 73 Resp: 540743
 Ion Ratio Lower Upper
 73 100
 43 18.9 15.8 23.8

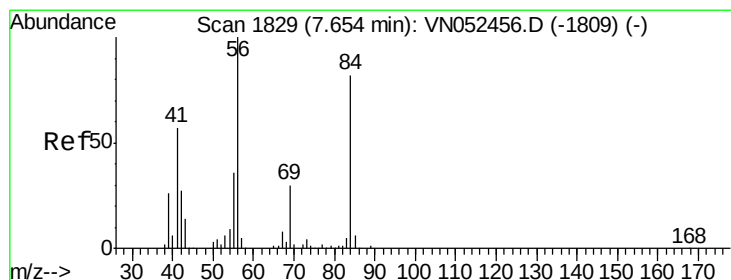
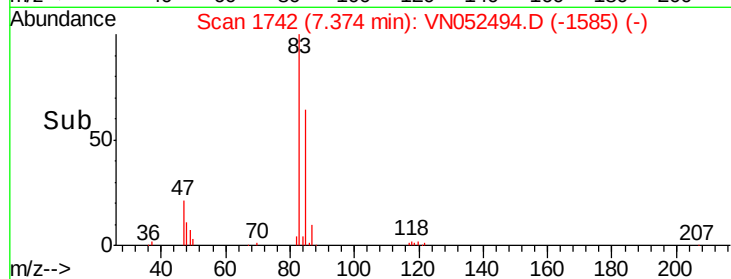
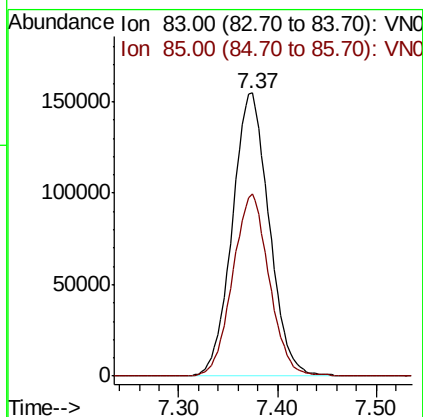
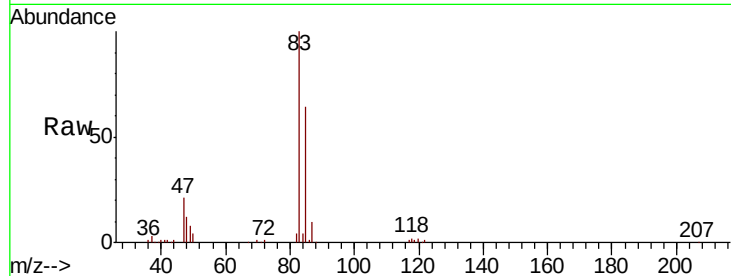




#25
Chloroform
Concen: 19.573 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

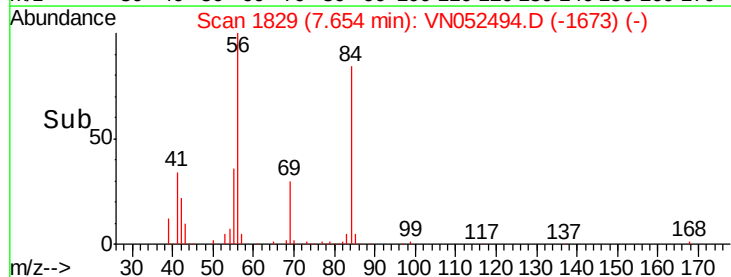
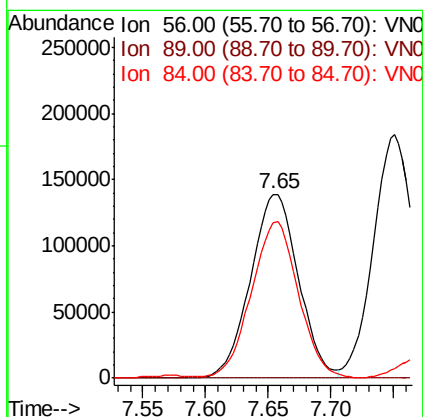
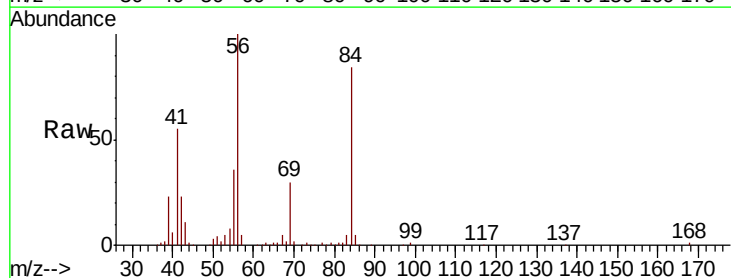
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

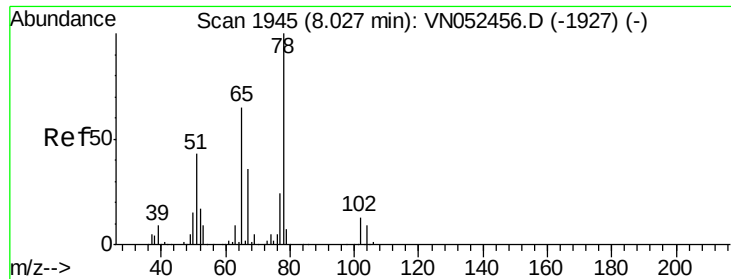
Tot Ion: 83 Resp: 401760
Ion Ratio Lower Upper
83 100
85 64.3 51.7 77.5



#26
Cyclohexane
Concen: 18.416 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Tgt Ion: 56 Resp: 369574
Ion Ratio Lower Upper
56 100
89 0.0 0.5 0.7#
84 83.8 66.2 99.2

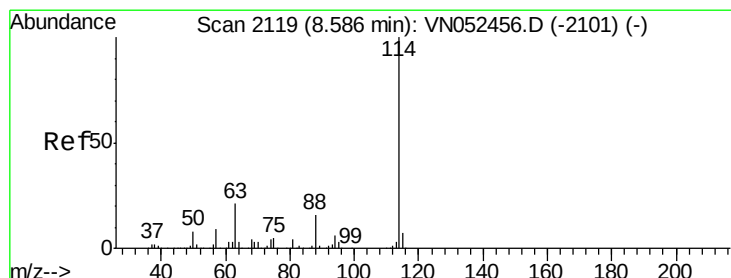
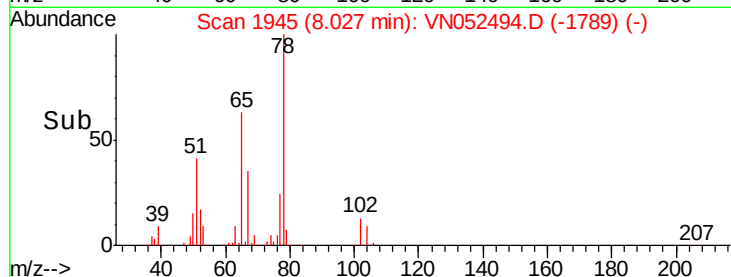
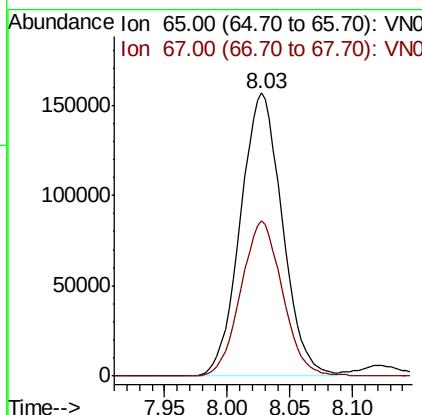
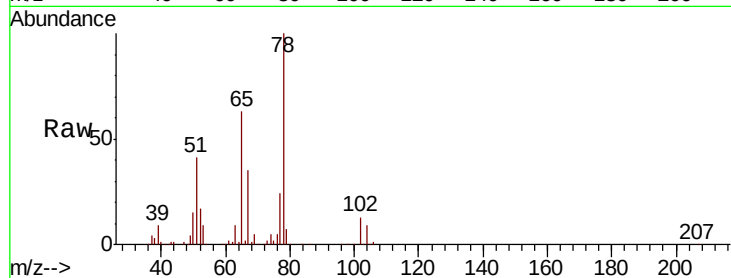




#27
 1,2-Dichloroethane-d4
 Concen: 18.416 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

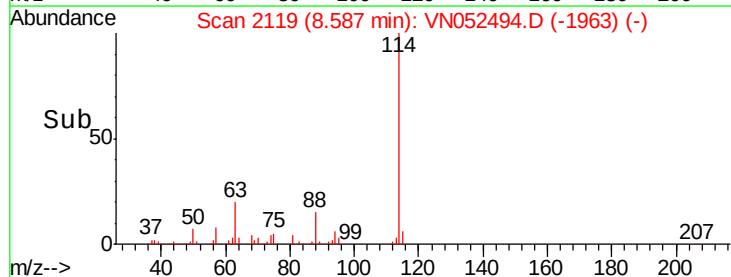
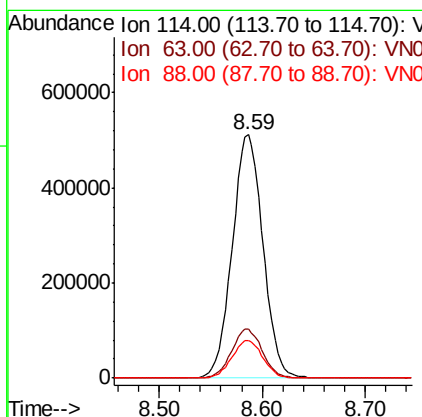
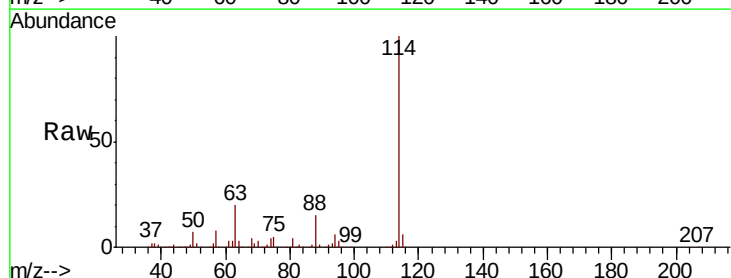
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

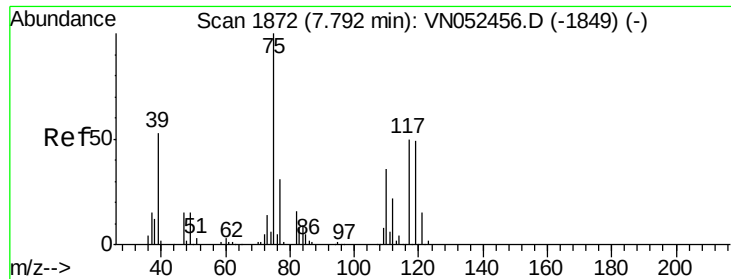
Tot Ion: 65 Resp: 364691
 Ion Ratio Lower Upper
 65 100
 67 54.5 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Tgt Ion: 114 Resp: 1061589
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.9 25.3
 88 15.6 12.8 19.2

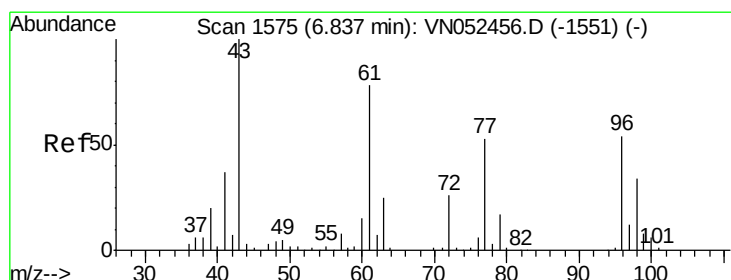
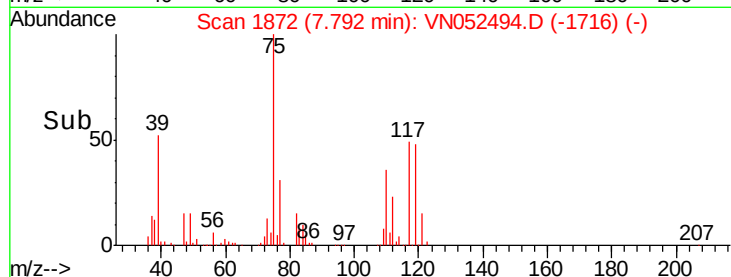
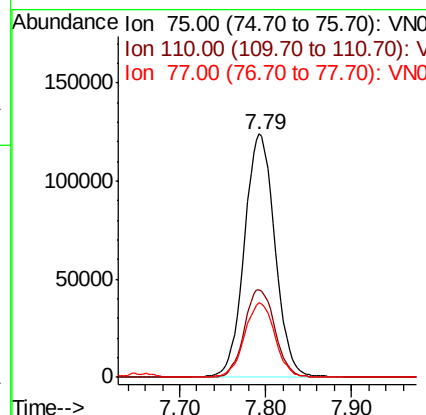
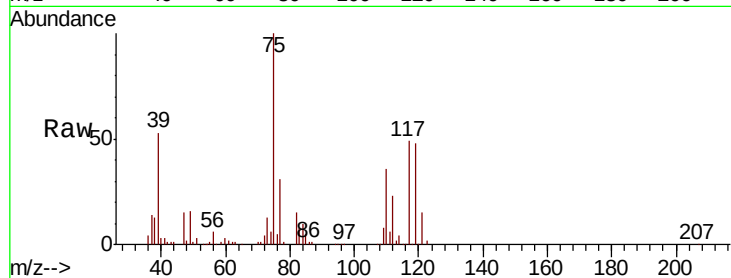




#29
 1,1-Dichloropropene
 Concen: 18.936 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

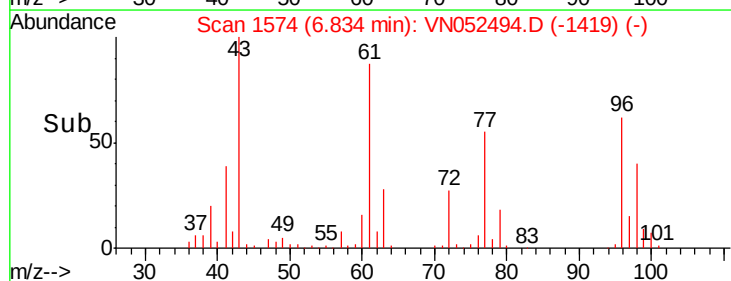
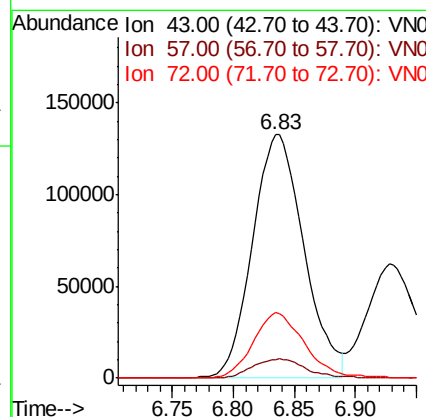
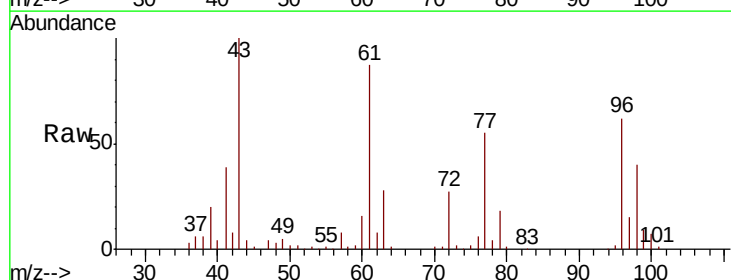
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

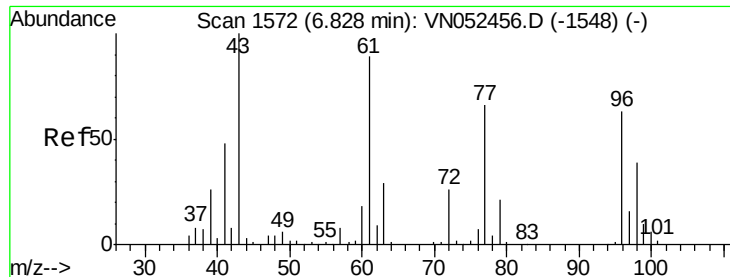
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	70.2
77	30.7	0.0	62.6



#30
 2-Butanone
 Concen: 88.863 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.2	9.4
72	27.1	21.0	31.6

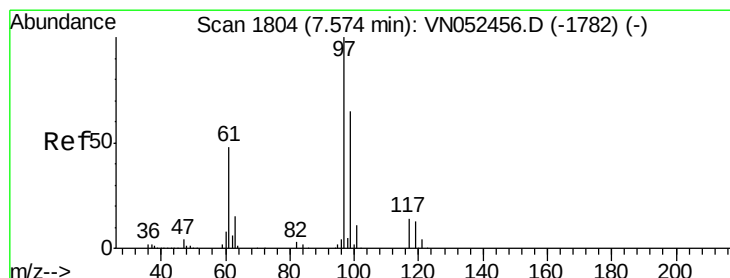
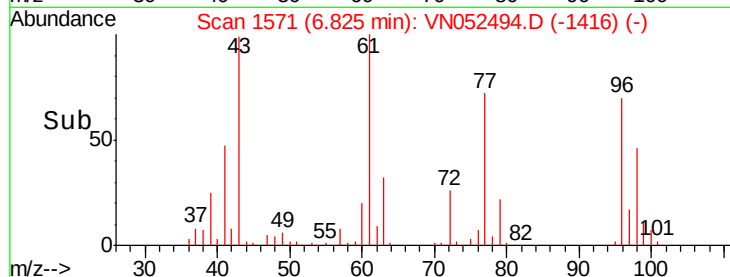
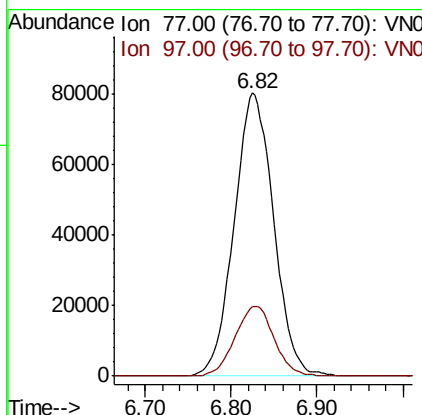
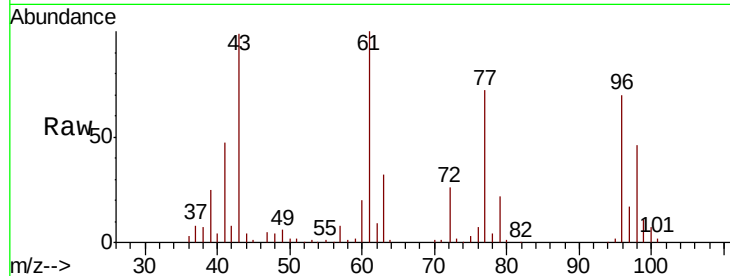




#31
 2,2-Dichloropropane
 Concen: 17.165 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

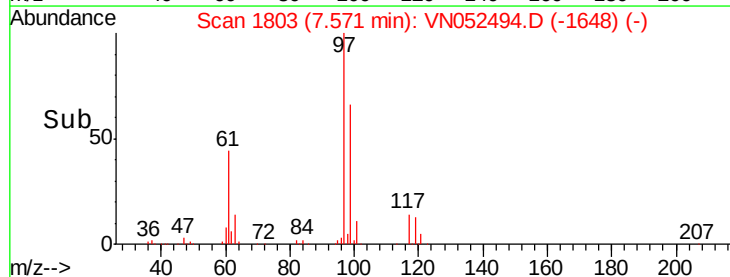
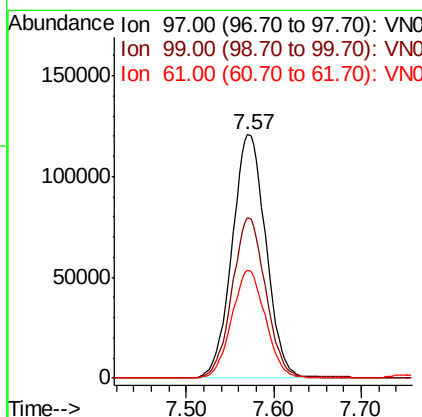
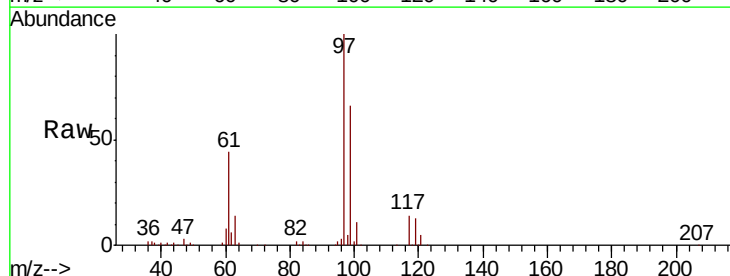
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

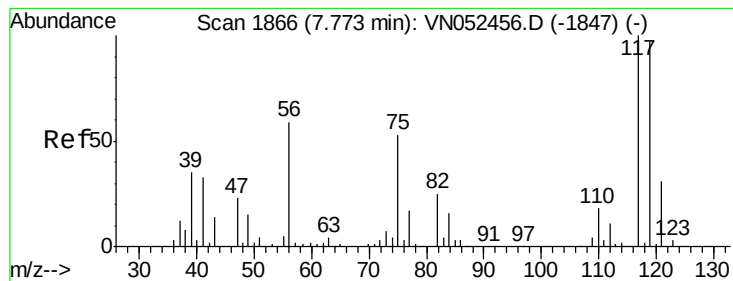
Tot Ion: 77 Resp: 256187
 Ion Ratio Lower Upper
 77 100
 97 24.4 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 19.191 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Tgt Ion: 97 Resp: 323723
 Ion Ratio Lower Upper
 97 100
 99 65.5 50.9 76.3
 61 44.3 38.1 57.1





#33

Carbon Tetrachloride

Concen: 18.749 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampled :

VN1127WBS02

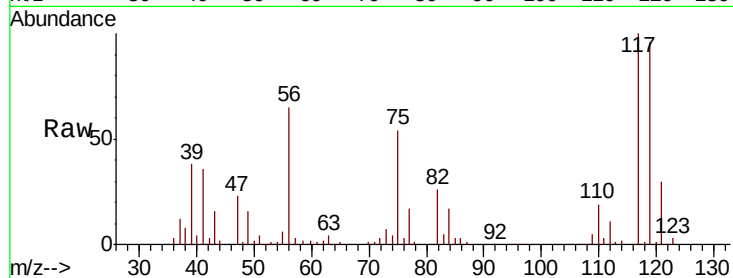
Tot Ion:117 Resp: 276733

Ion Ratio Lower Upper

117 100

119 96.0 77.3 115.9

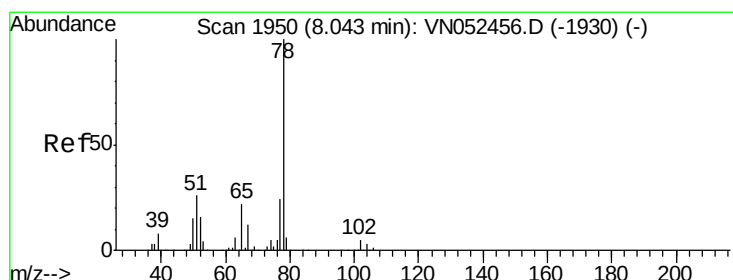
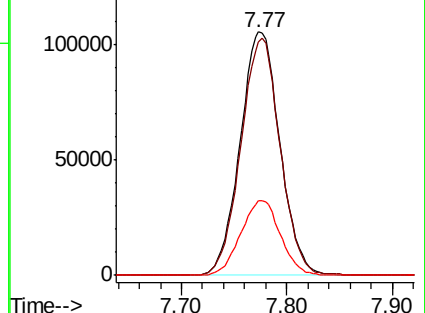
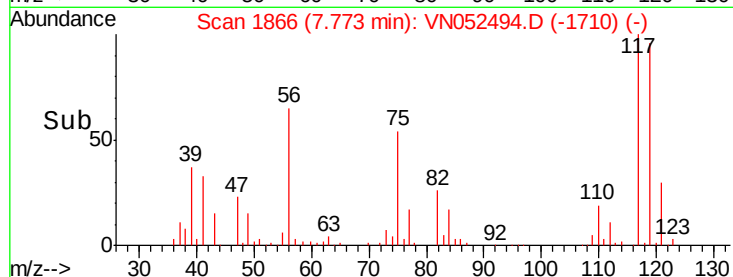
121 30.4 24.9 37.3



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: 19.078 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

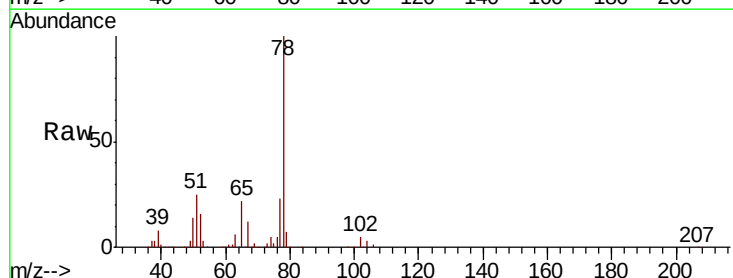
Tgt Ion: 78 Resp: 929873

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

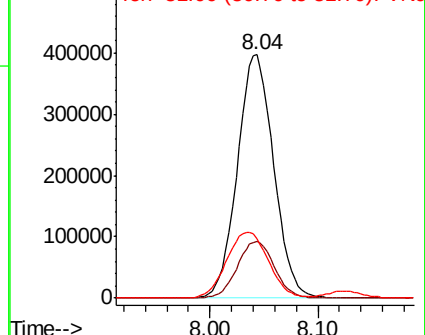
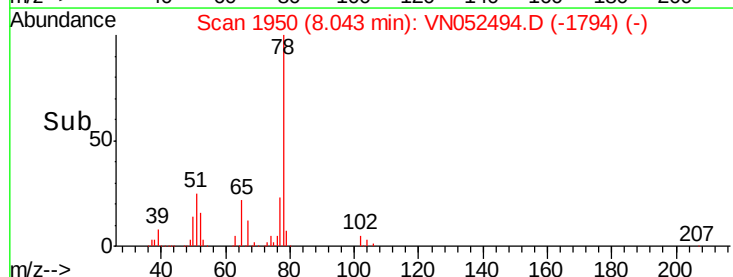
51 24.4 20.5 30.7

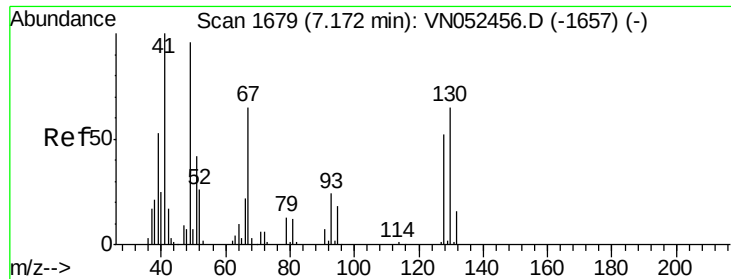


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

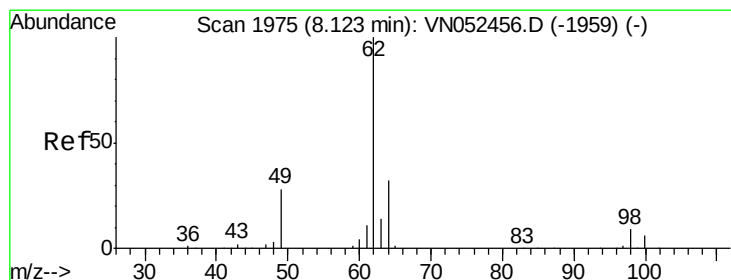
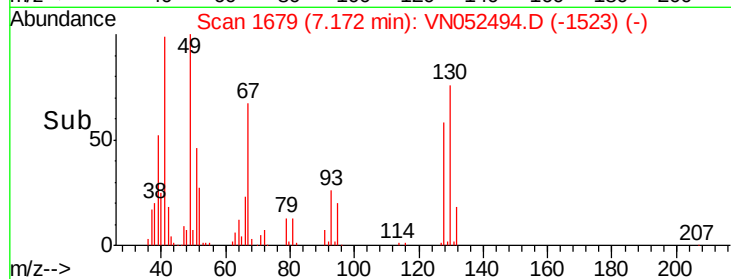
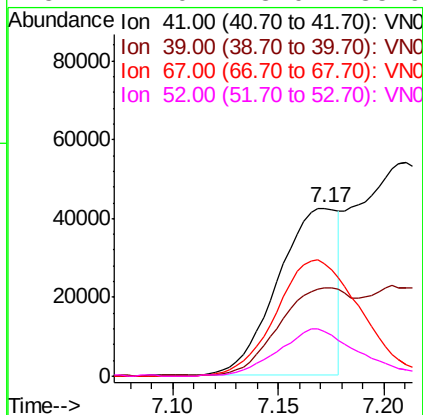
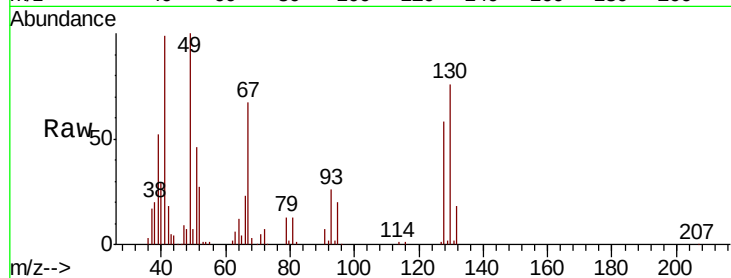




#35
Methacrylonitrile
Concen: 15.581 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

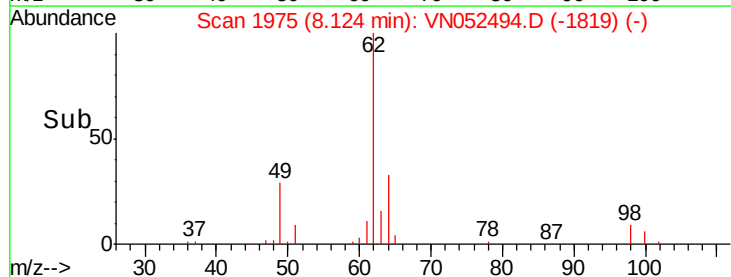
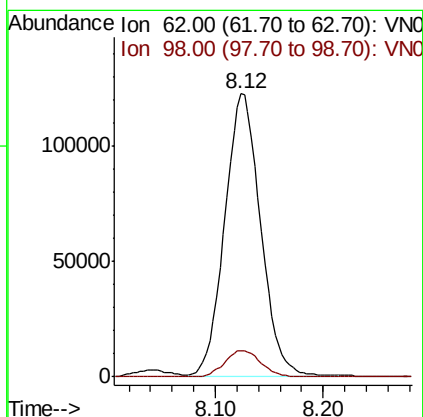
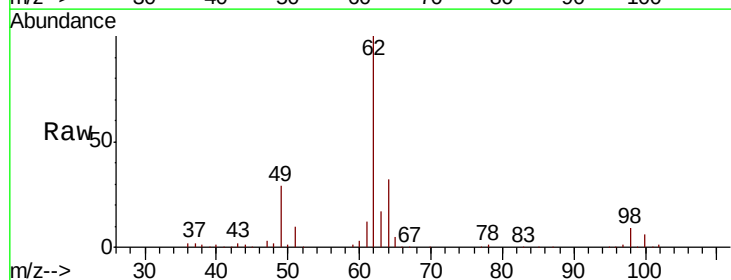
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

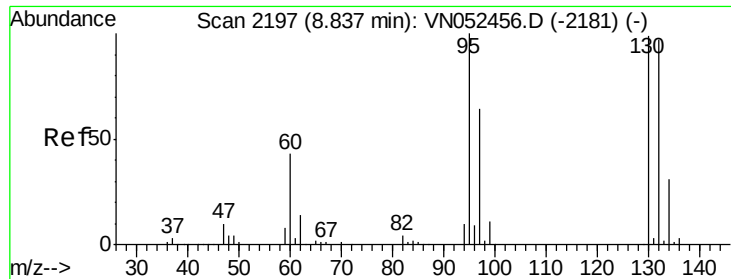
Tot Ion: 41 Resp: 83859
Ion Ratio Lower Upper
41 100
39 52.3 26.6 79.7
67 67.7 32.3 96.9
52 27.0 13.0 38.9



#36
1,2-Dichloroethane
Concen: 19.305 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Tgt Ion: 62 Resp: 285137
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.2

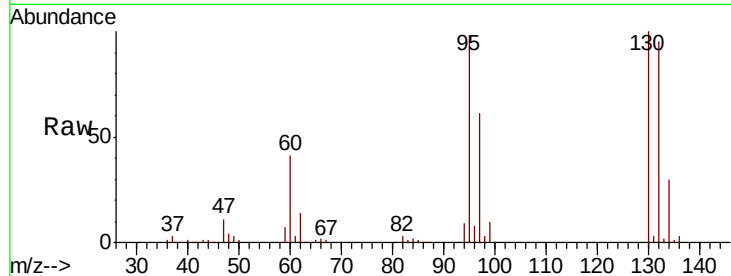




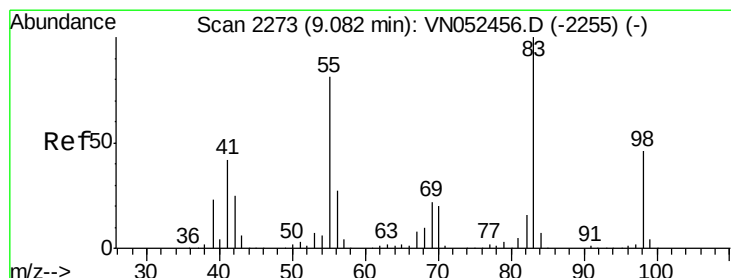
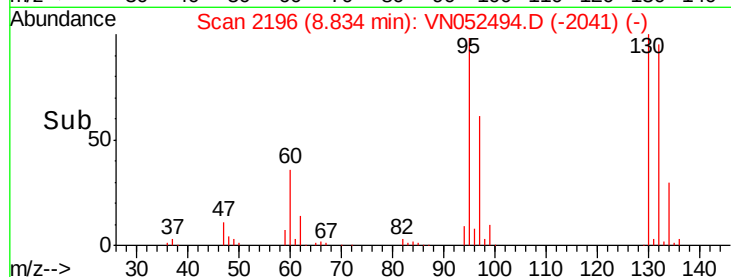
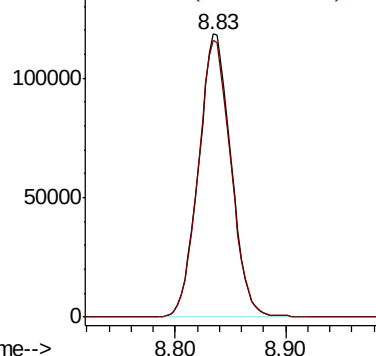
#37
 Trichloroethene
 Concen: 19.507 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

Tot Ion:130 Resp: 241092
 Ion Ratio Lower Upper
 130 100
 95 97.9 81.0 121.4

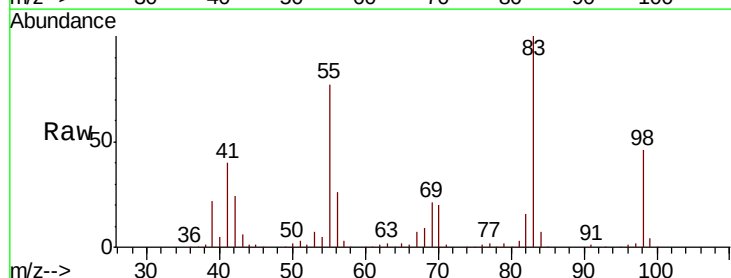


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

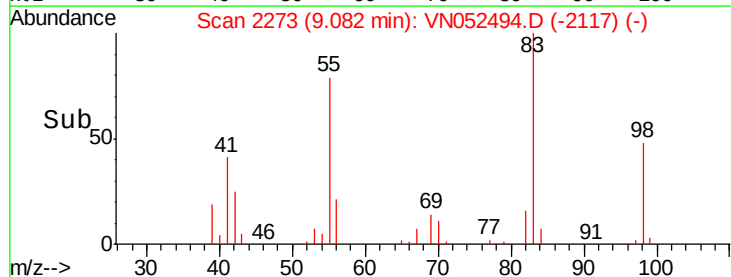
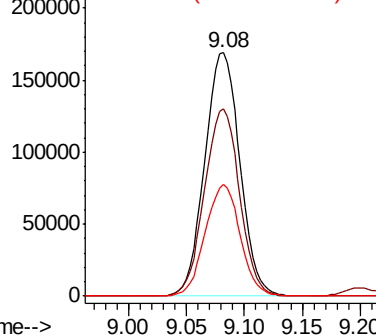


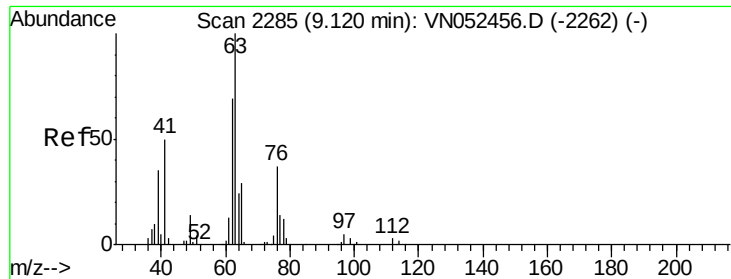
#38
 Methylcyclohexane
 Concen: 17.764 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Tgt Ion: 83 Resp: 356486
 Ion Ratio Lower Upper
 83 100
 55 76.9 39.8 119.4
 98 45.7 22.9 68.5



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





#39

1,2-Dichloropropane

Concen: 18.886 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampled :

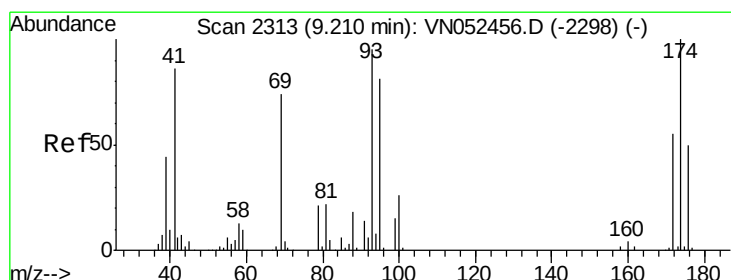
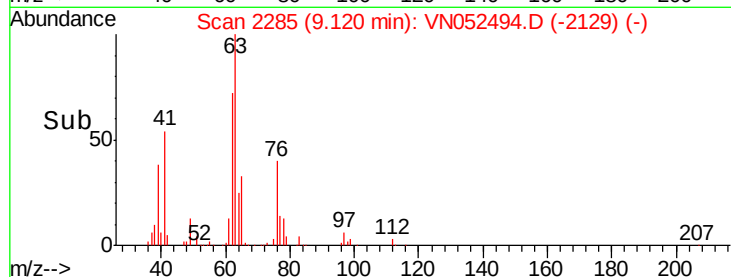
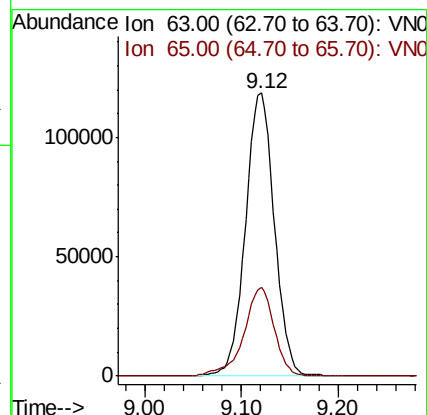
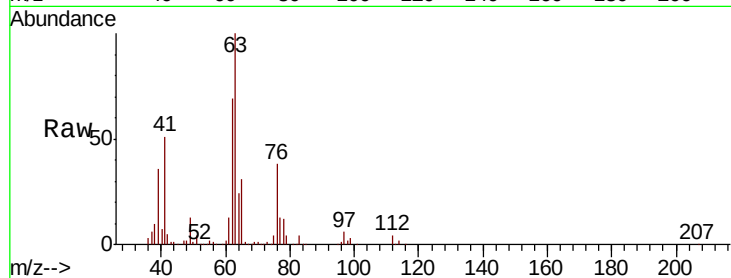
VN1127WBS02

Tot Ion: 63 Resp: 246751

Ion Ratio Lower Upper

63 100

65 31.2 23.6 35.4



#40

Dibromomethane

Concen: 19.279 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

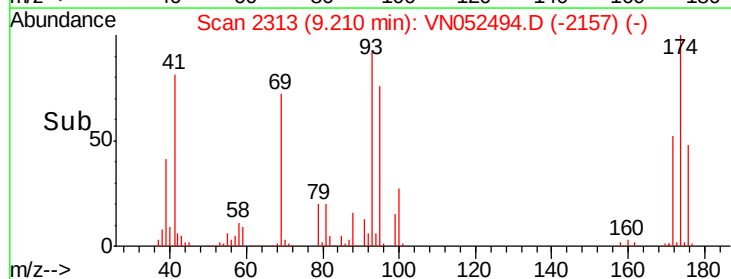
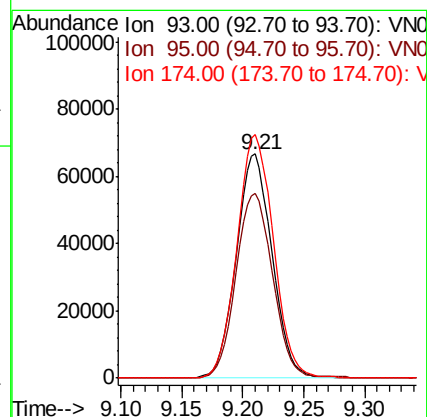
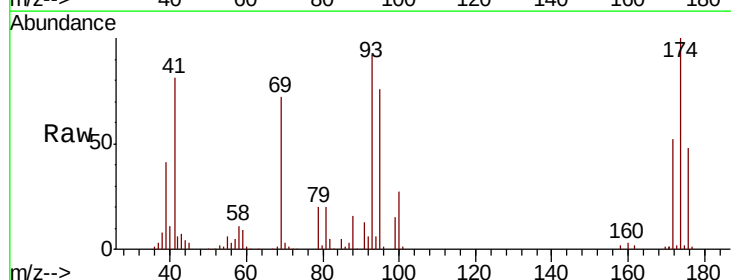
Tgt Ion: 93 Resp: 136118

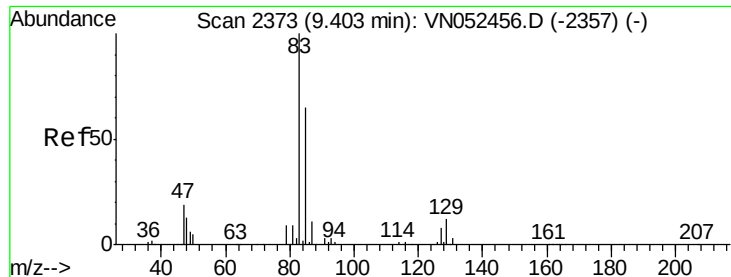
Ion Ratio Lower Upper

93 100

95 84.3 0.0 168.4

174 110.3 0.0 210.0

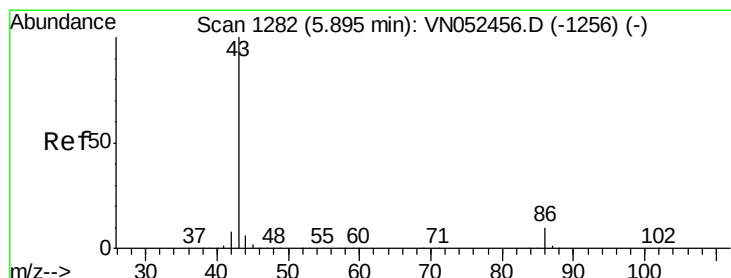
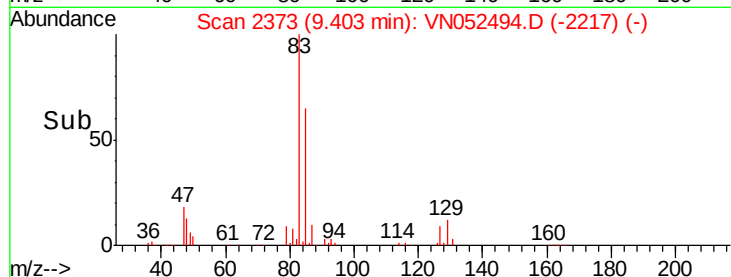
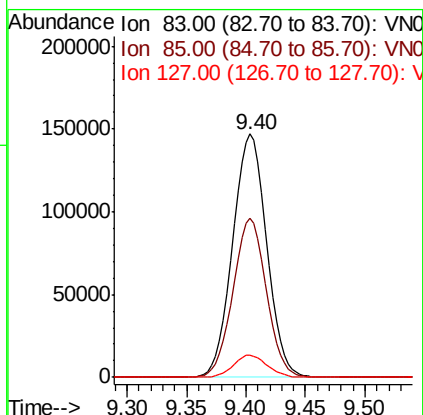
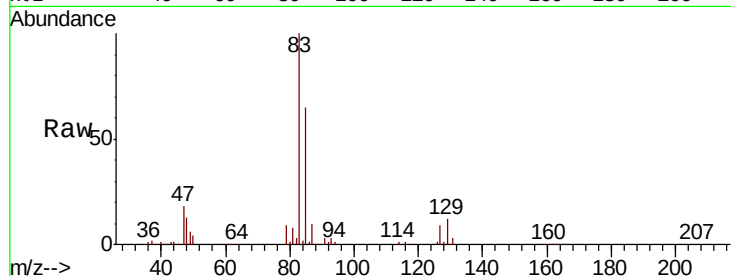




#41
Bromodichloromethane
Concen: 18.672 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

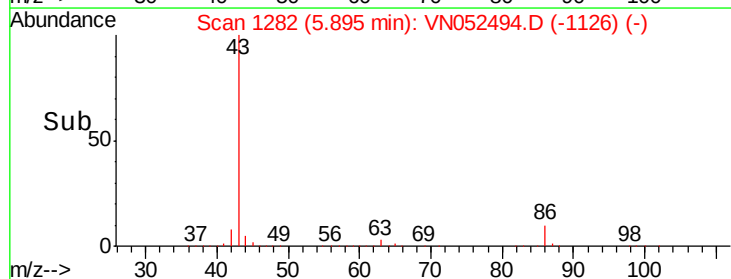
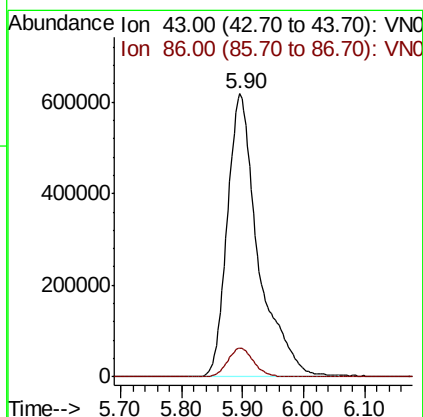
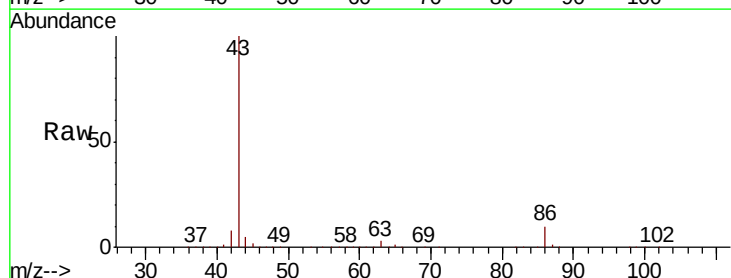
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

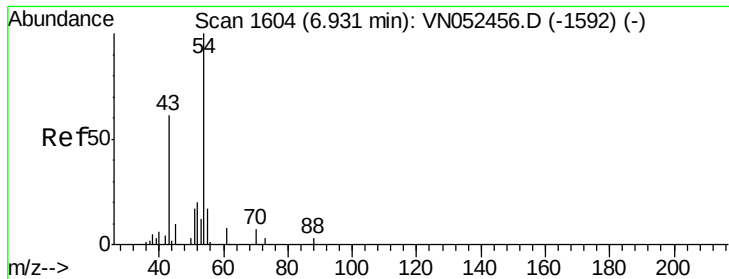
Tot Ion	83	Resp	291257
Ion Ratio	Lower	Upper	
83	100		
85	65.3	52.4	78.6
127	9.1	6.6	9.8



#42
Vinyl Acetate
Concen: 92.887 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Tgt Ion	43	Resp	2180154
Ion Ratio	Lower	Upper	
43	100		
86	8.6	6.5	9.7





#43

Ethyl Acetate

Concen: 18.888 ug/l

RT: 6.93 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

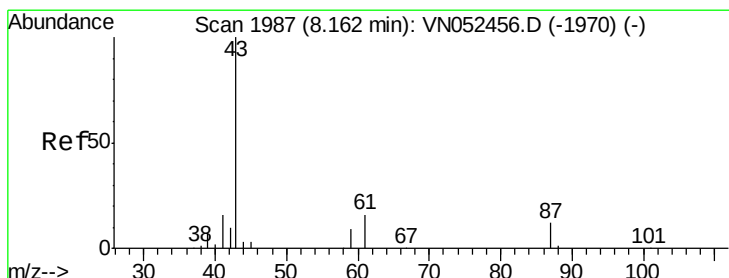
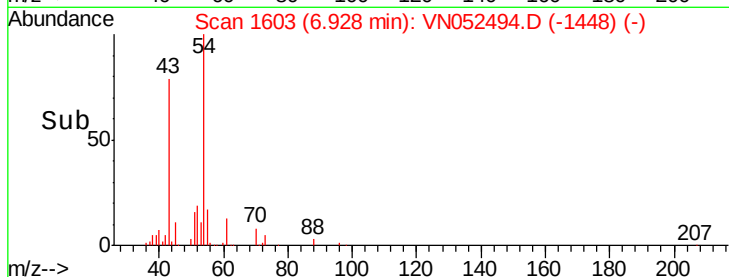
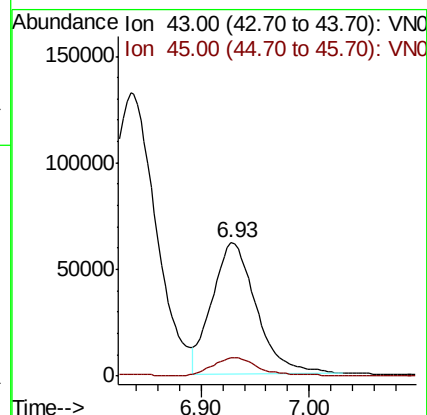
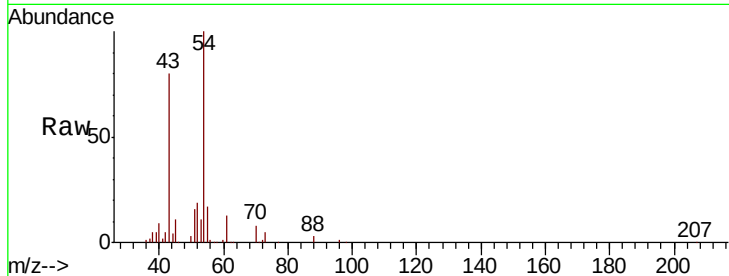
VN1127WBS02

Tot Ion: 43 Resp: 174226

Ion Ratio Lower Upper

43 100

45 14.5 1.0 1.6#



#44

Isopropyl Acetate

Concen: 19.790 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052494.D

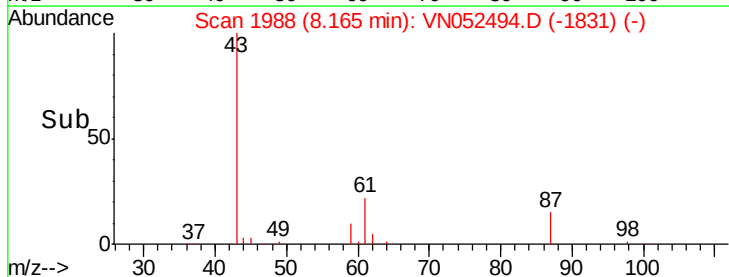
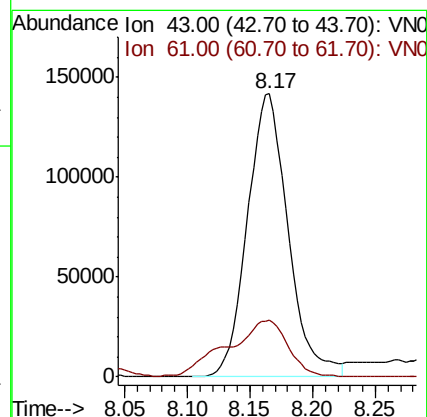
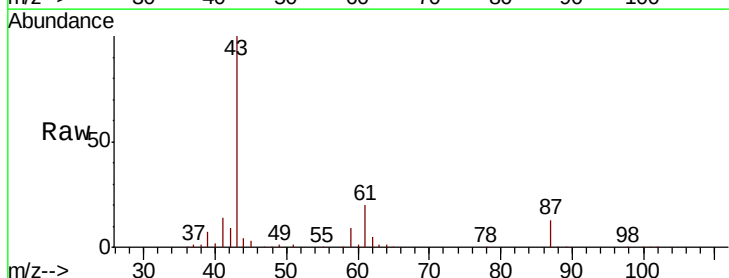
Acq: 27 Nov 2018 22:59

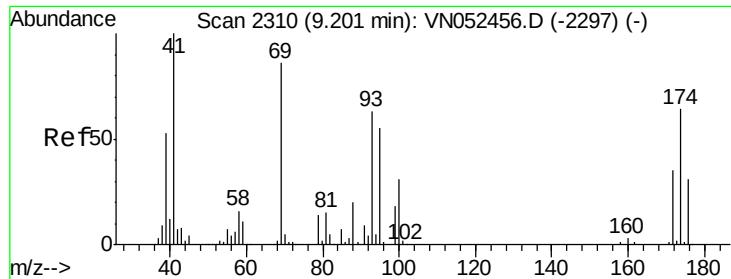
Tgt Ion: 43 Resp: 320153

Ion Ratio Lower Upper

43 100

61 18.8 16.0 24.0

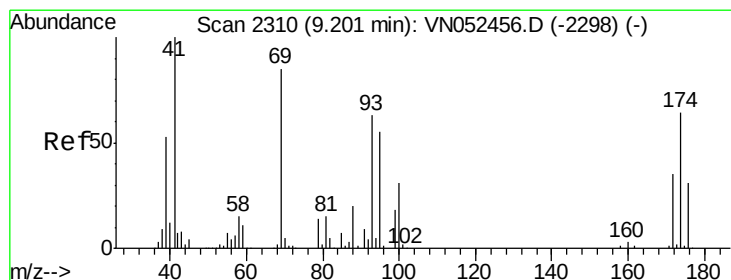
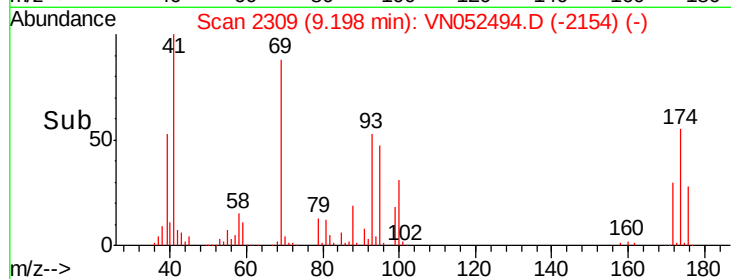
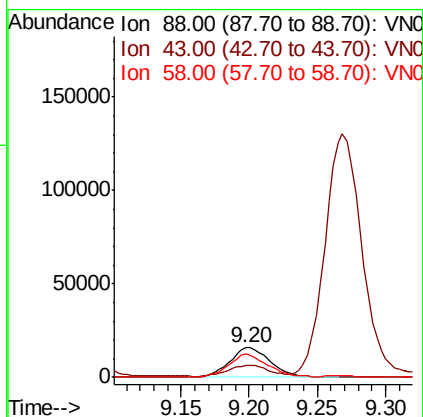
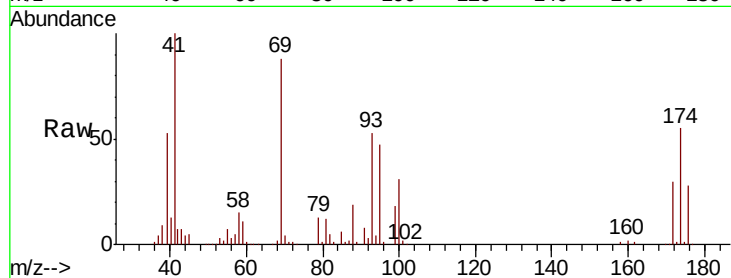




#45
 1,4-Dioxane
 Concen: 372.403 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

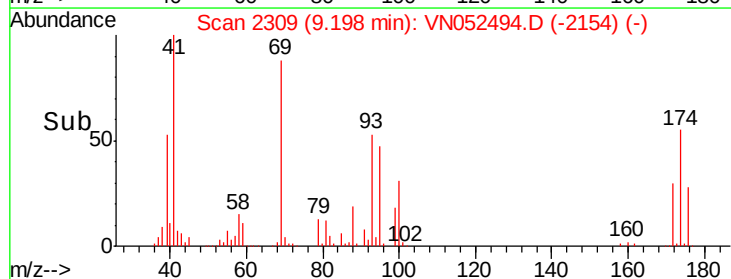
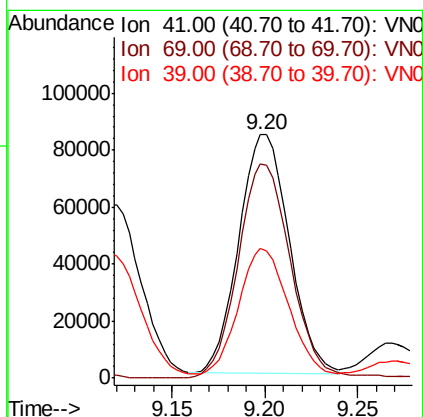
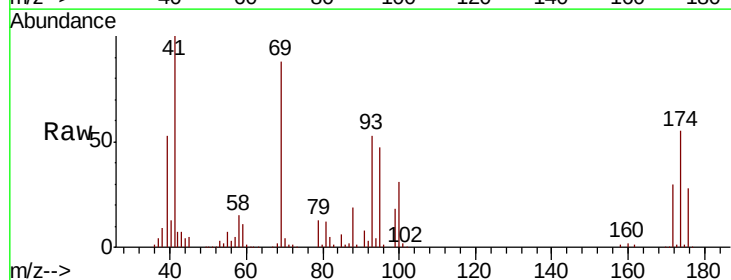
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

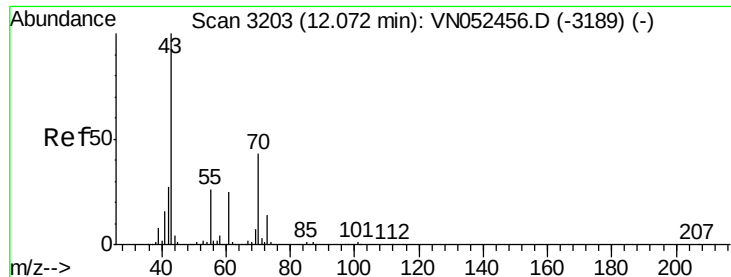
Tot Ion: 88 Resp: 32958
 Ion Ratio Lower Upper
 88 100
 43 36.1 29.5 44.3
 58 75.8 61.5 92.3



#46
 Methyl methacrylate
 Concen: 18.880 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Tgt Ion: 41 Resp: 158587
 Ion Ratio Lower Upper
 41 100
 69 89.9 42.5 127.6
 39 52.5 26.3 78.9

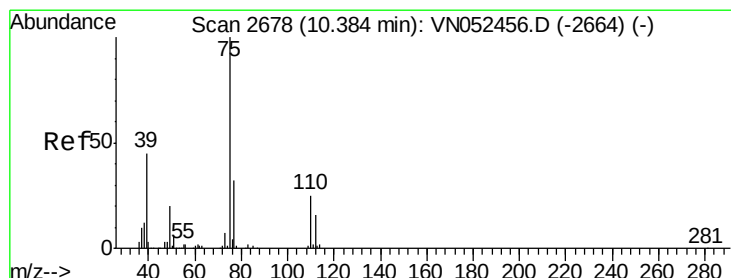
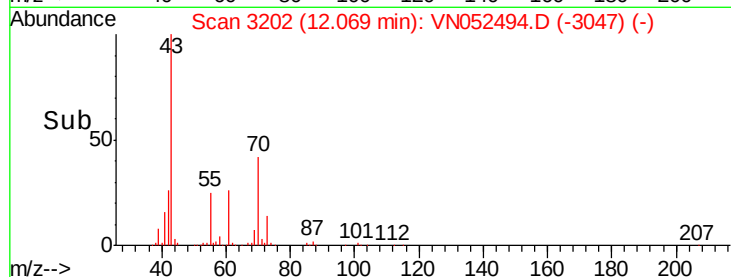
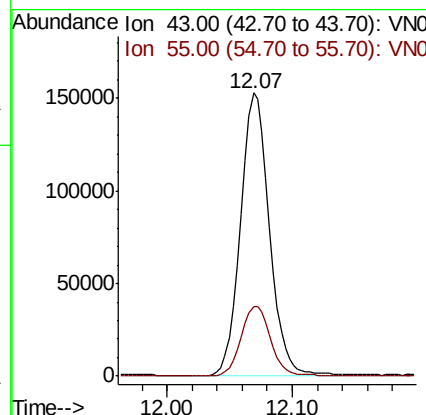
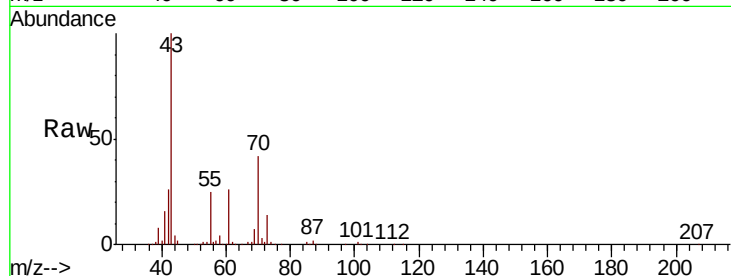




#47
n-amvl Acetate
Concen: 18.170 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

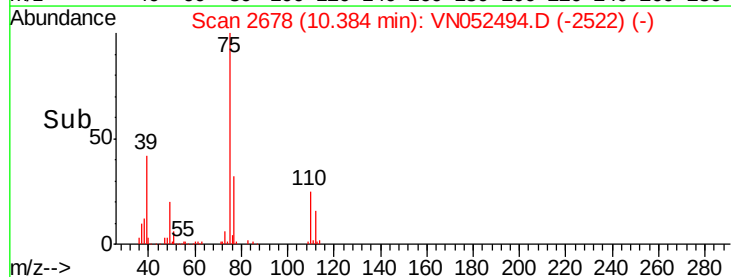
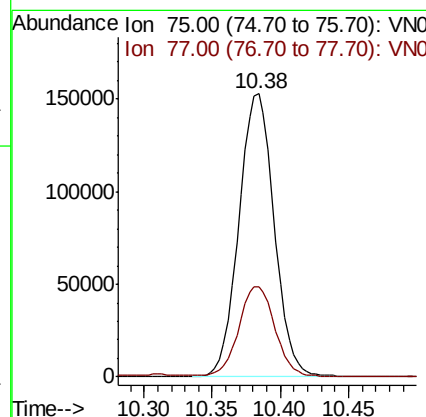
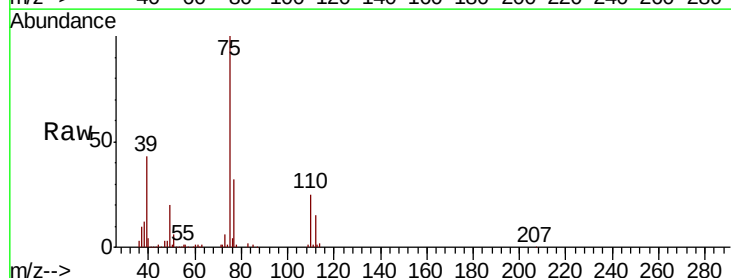
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

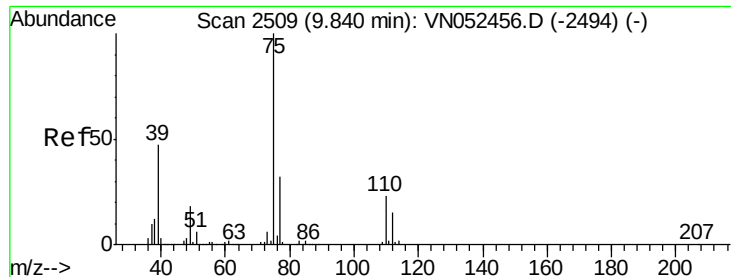
Tot Ion: 43 Resp: 243716
Ion Ratio Lower Upper
43 100
55 25.2 21.1 31.7



#48
t-1,3-Dichloropropene
Concen: 18.174 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Tgt Ion: 75 Resp: 274877
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 18.484 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

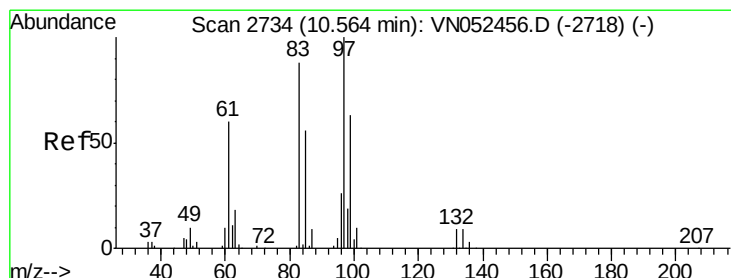
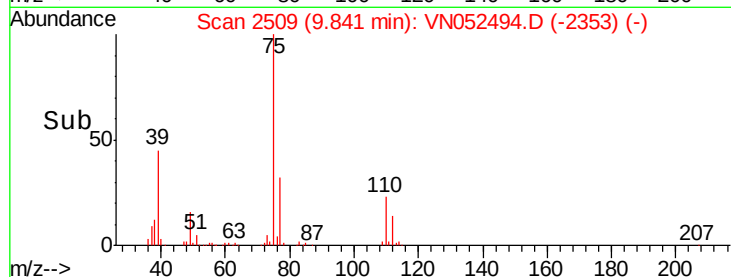
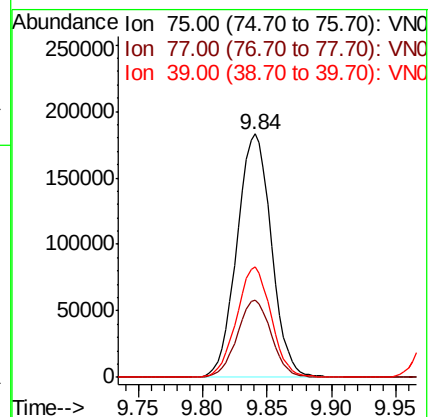
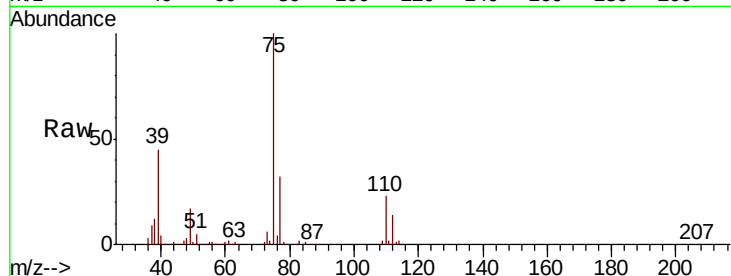
Tot Ion: 75 Resp: 340618

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 45.2 37.3 55.9



#50

1,1,2-Trichloroethane

Concen: 19.718 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Tgt Ion: 97 Resp: 197337

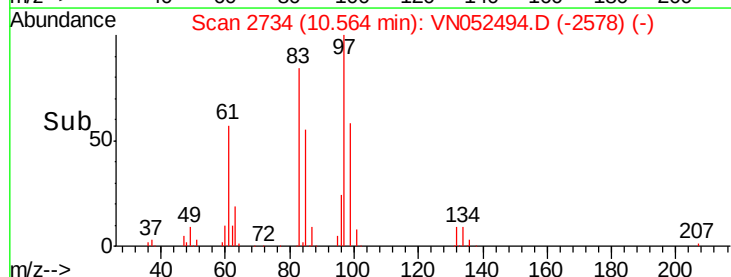
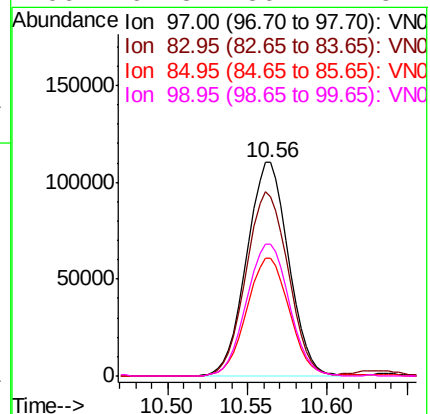
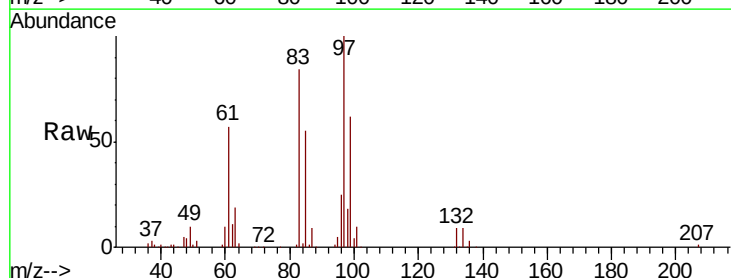
Ion Ratio Lower Upper

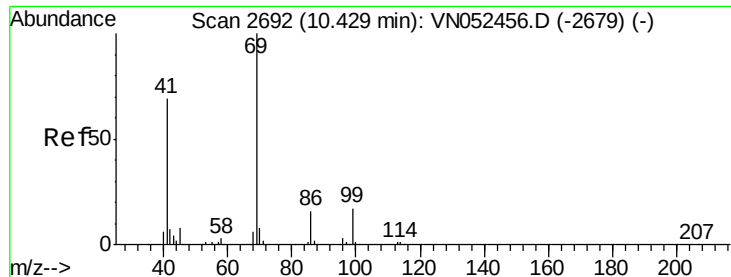
97 100

83 84.1 70.4 105.6

85 55.4 45.0 67.6

99 61.8 50.2 75.2





#51

Ethyl methacrylate

Concen: 19.399 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampled :

VN1127WBS02

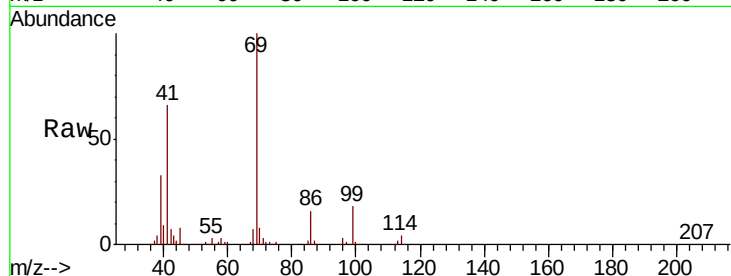
Tot Ion: 69 Resp: 243833

Ion Ratio Lower Upper

69 100

41 65.7 34.4 103.3

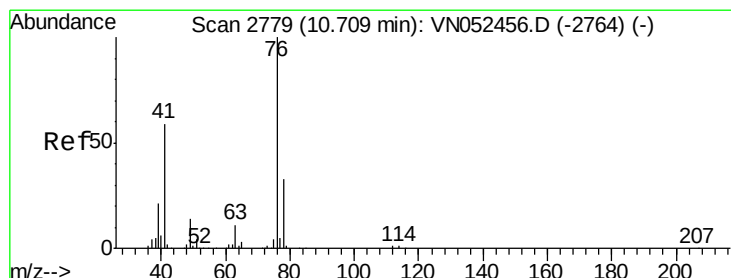
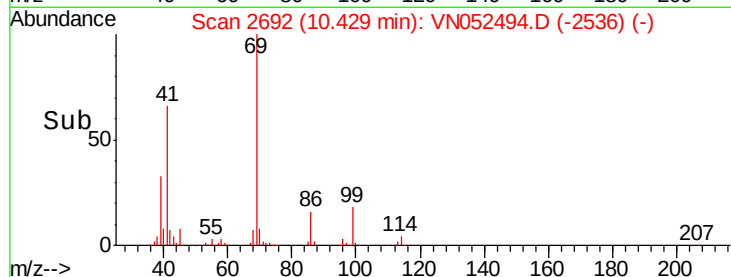
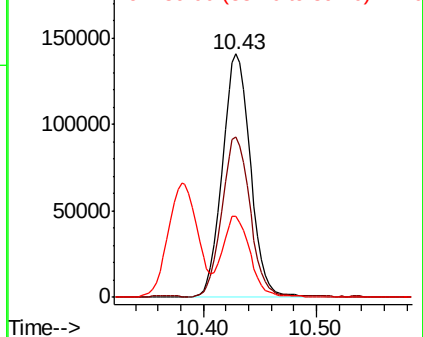
39 32.7 16.4 49.2



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: 19.456 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052494.D

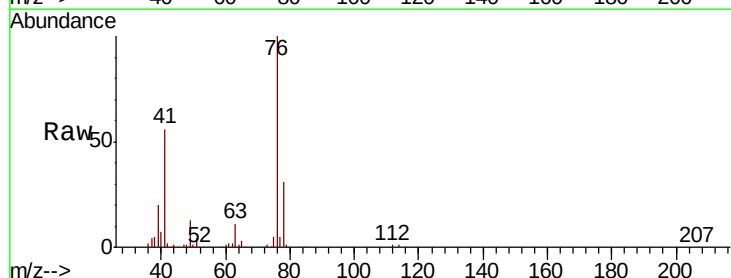
Acq: 27 Nov 2018 22:59

Tgt Ion: 76 Resp: 346582

Ion Ratio Lower Upper

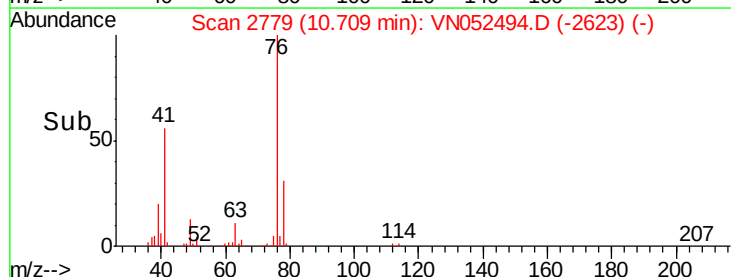
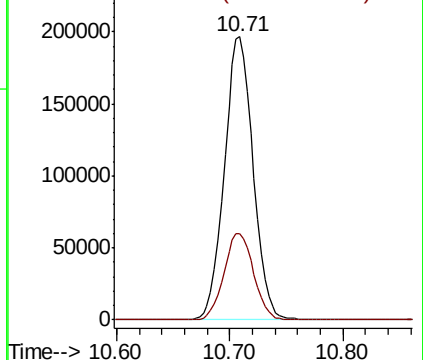
76 100

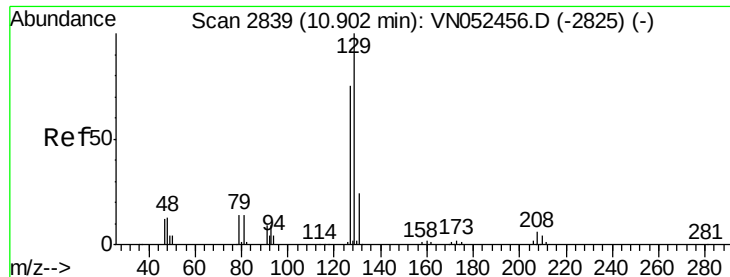
78 31.6 0.0 64.8



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 18.795 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

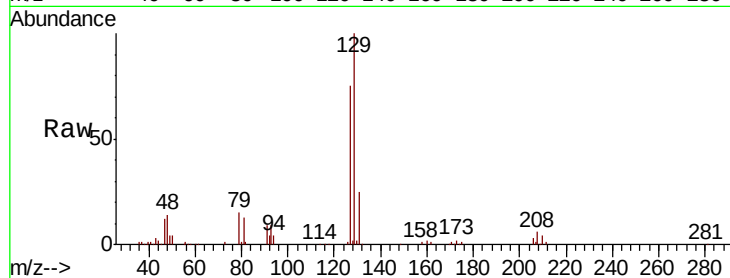
VN1127WBS02

Tot Ion:129 Resp: 207094

Ion Ratio Lower Upper

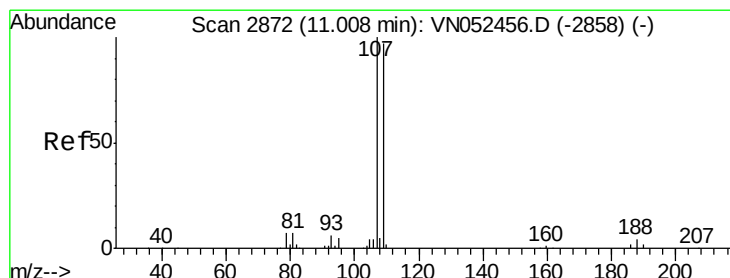
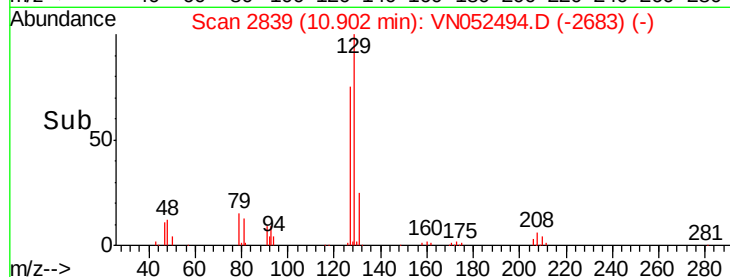
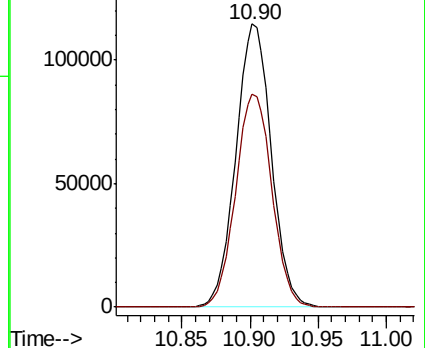
129 100

127 76.9 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.896 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052494.D

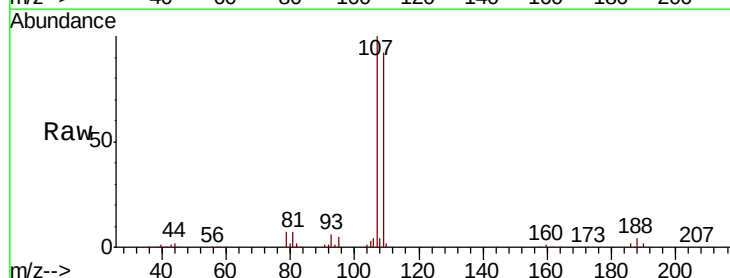
Acq: 27 Nov 2018 22:59

Tgt Ion:107 Resp: 194573

Ion Ratio Lower Upper

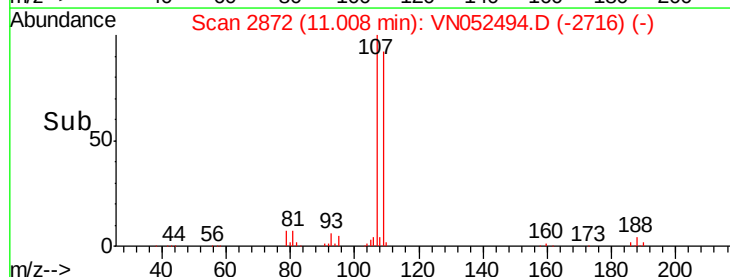
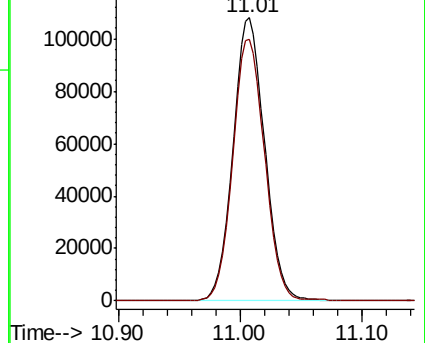
107 100

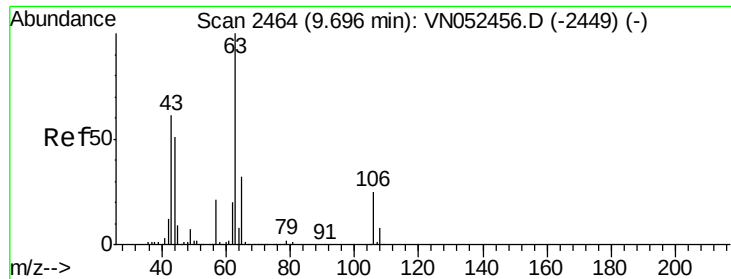
109 92.7 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

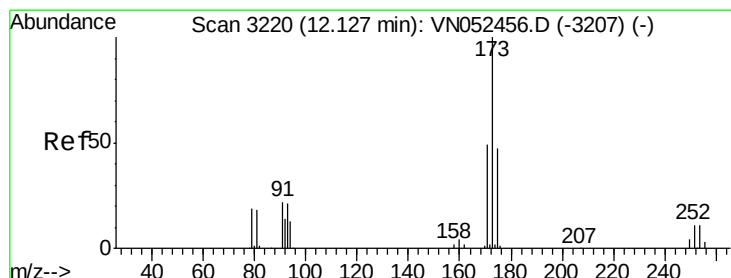
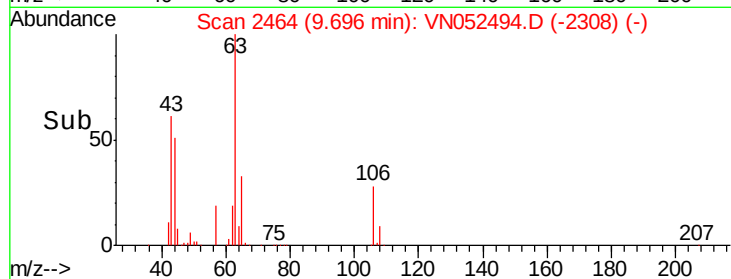
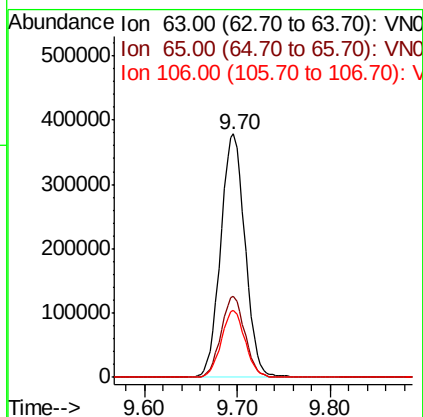
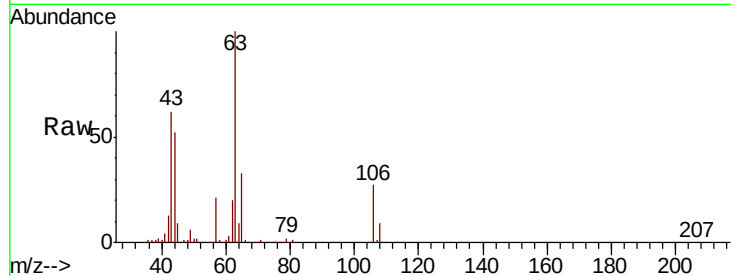




#55
 2-Chloroethyl vinyl ether
 Concen: 93.928 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

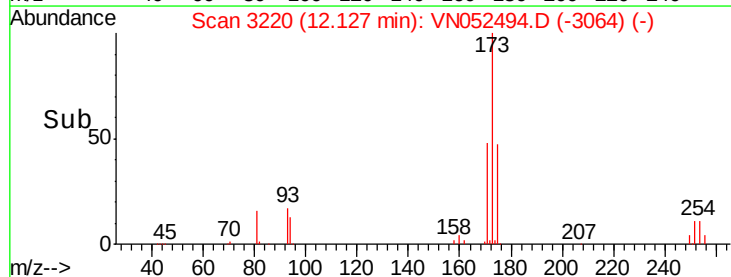
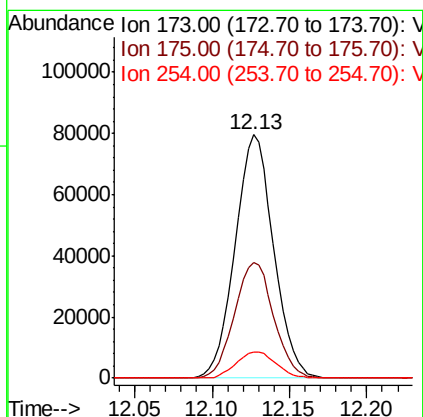
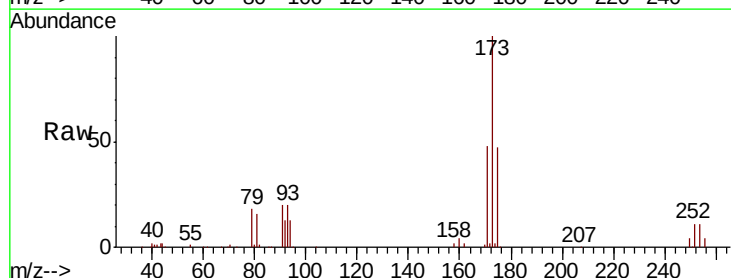
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

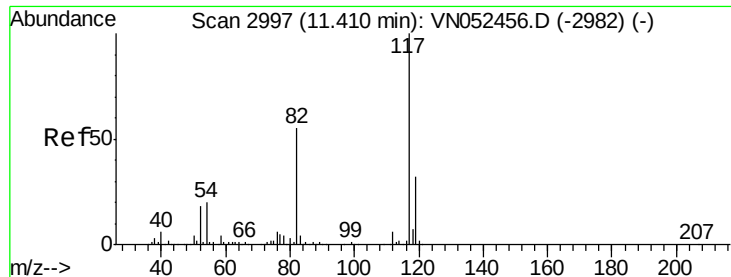
Tot Ion: 63 Resp: 691091
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.4 38.2
 106 26.9 20.4 30.6



#56
 Bromoform
 Concen: 19.071 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Tgt Ion: 173 Resp: 137348
 Ion Ratio Lower Upper
 173 100
 175 48.3 38.7 58.1
 254 11.1 8.4 12.6

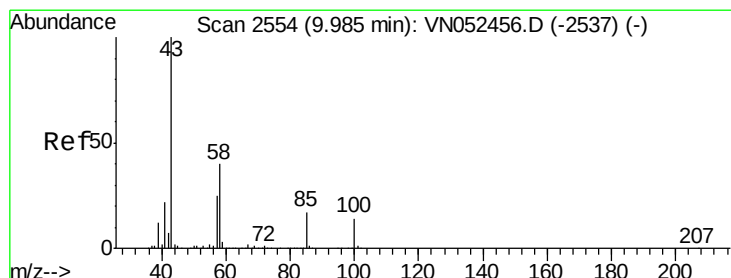
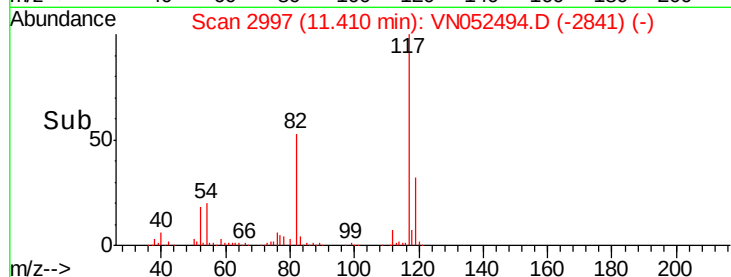
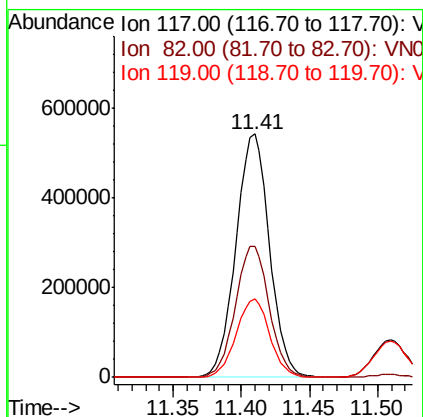
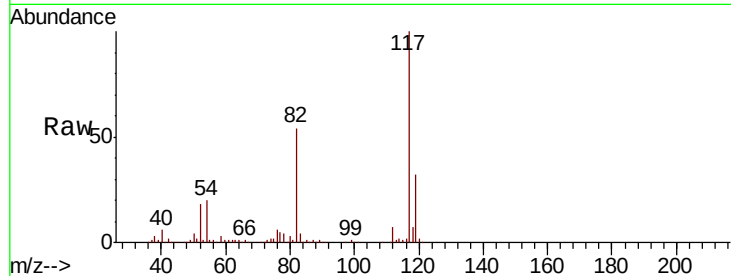




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

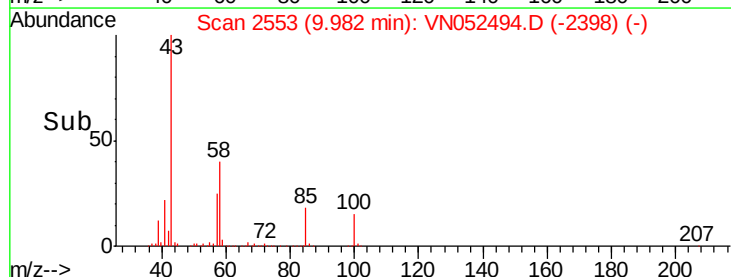
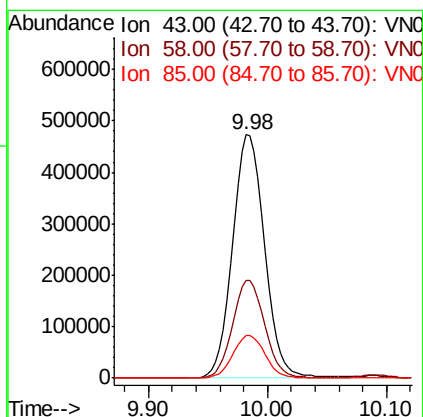
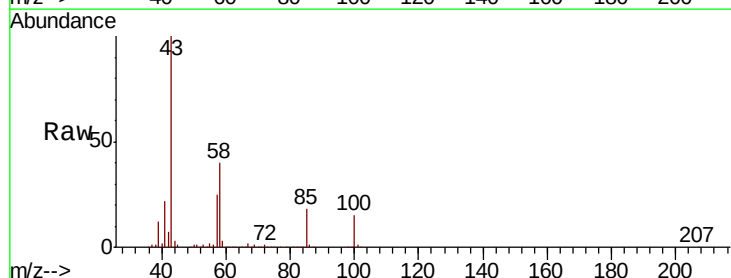
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

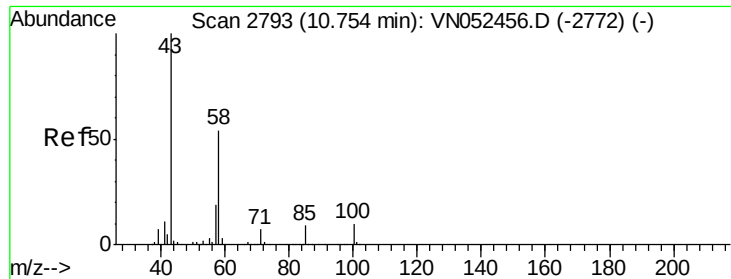
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.2	66.2
119	32.2	25.4	38.2



#58
4-Methyl-2-Pentanone
Concen: 97.867 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.6	47.4
85	17.7	13.3	19.9

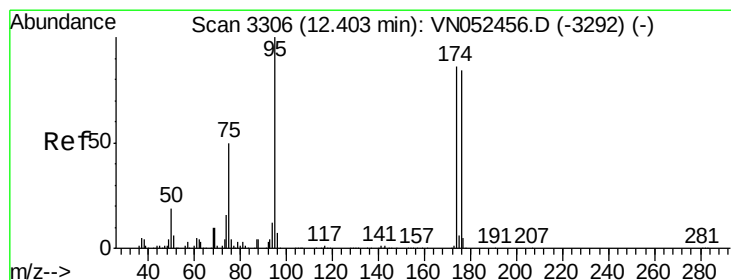
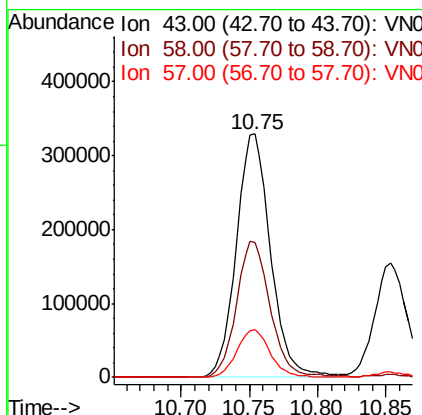
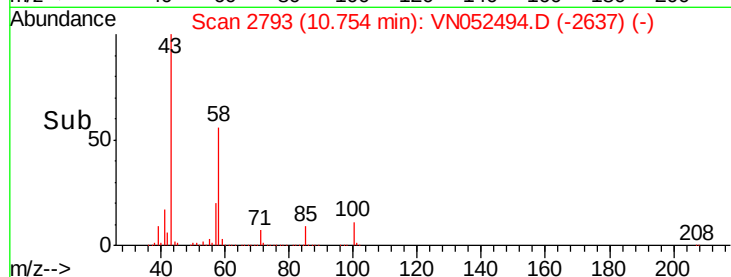
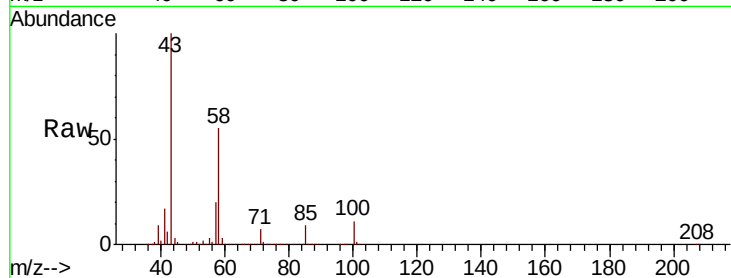




#59
2-Hexanone
Concen: 92.805 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

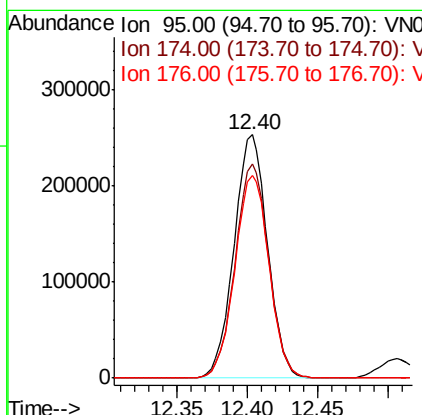
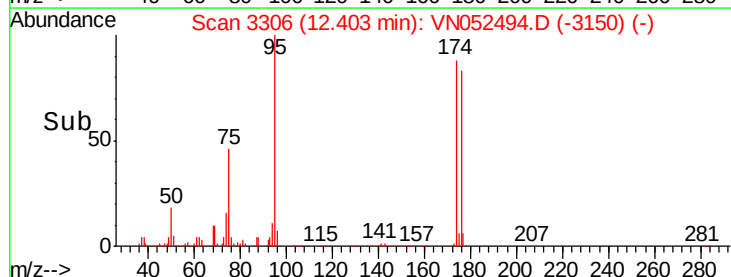
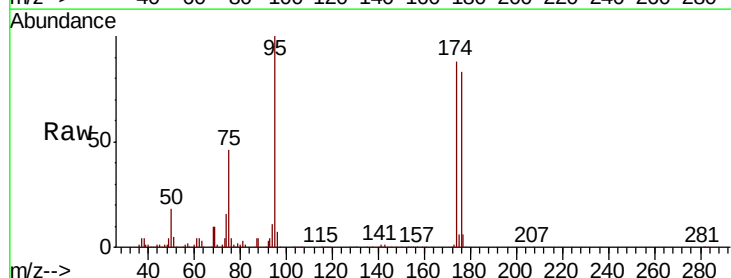
Instrument :
MSVOA_N
ClientSampled :
VN1127WBS02

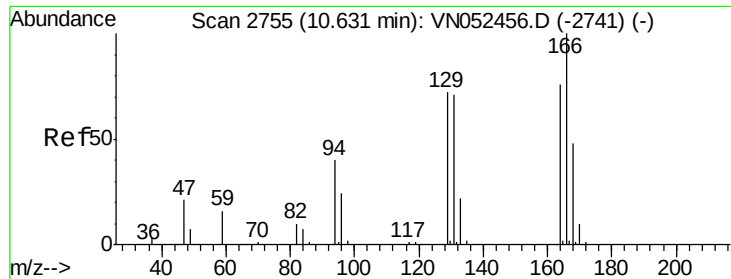
Tot Ion: 43 Resp: 570578
Ion Ratio Lower Upper
43 100
58 55.7 43.2 64.8
57 19.3 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 92.805 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Tgt Ion: 95 Resp: 419821
Ion Ratio Lower Upper
95 100
174 88.5 67.9 101.9
176 85.1 66.4 99.6





#61

Tetrachloroethene

Concen: 20.779 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

Tot Ion:164 Resp: 237585

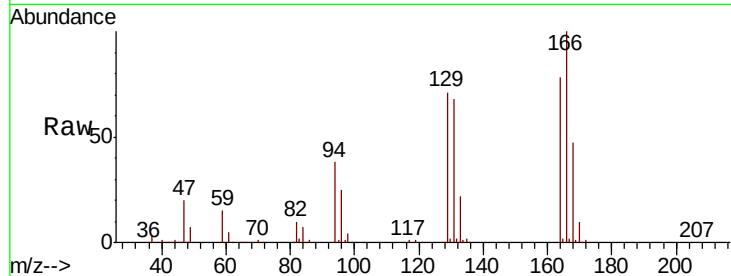
Ion Ratio Lower Upper

164 100

166 128.3 104.6 157.0

129 91.1 75.3 112.9

131 87.7 74.3 111.5

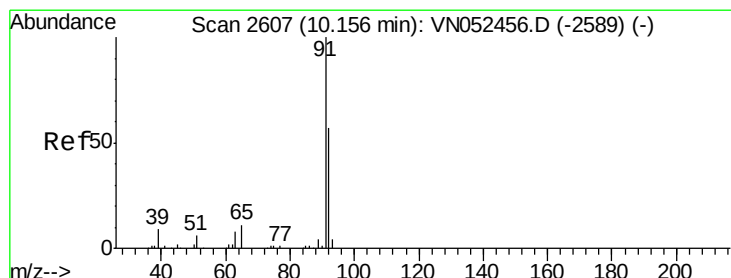
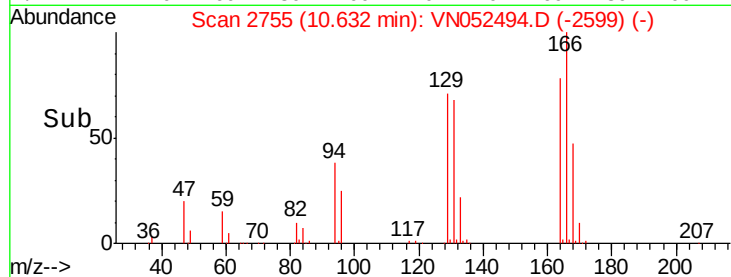
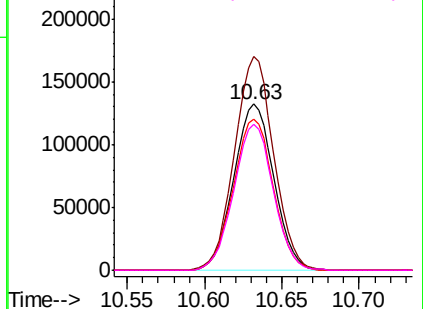


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.818 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052494.D

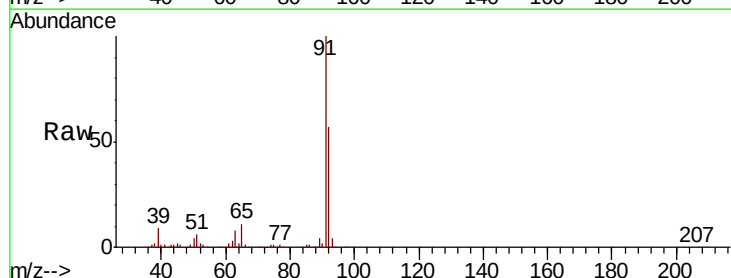
Acq: 27 Nov 2018 22:59

Tgt Ion: 91 Resp: 1014214

Ion Ratio Lower Upper

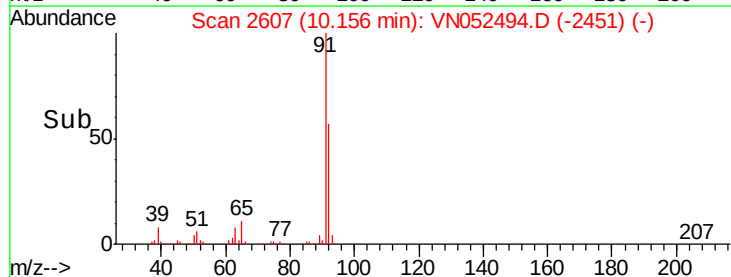
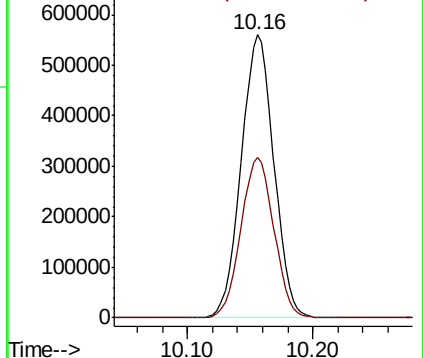
91 100

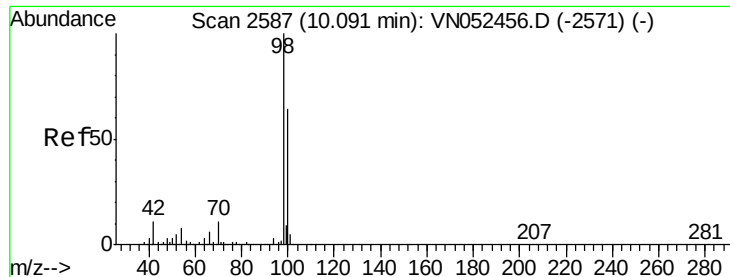
92 57.3 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 19.818 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

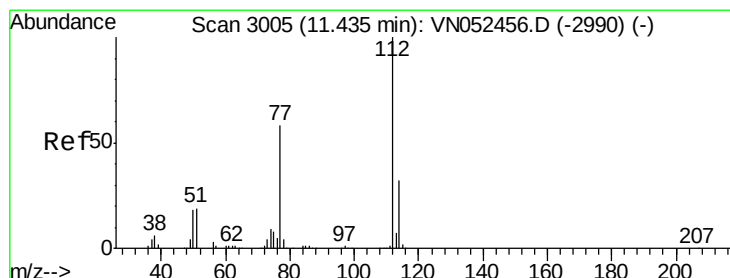
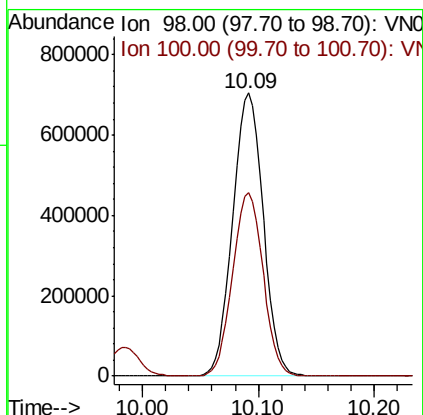
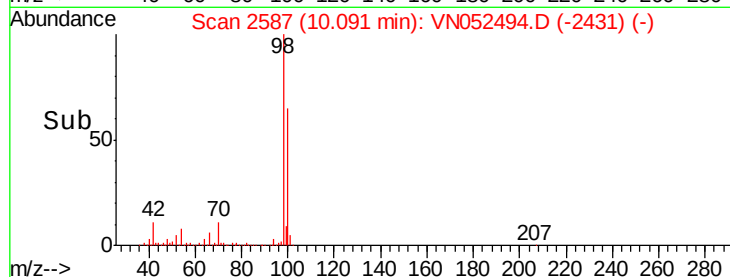
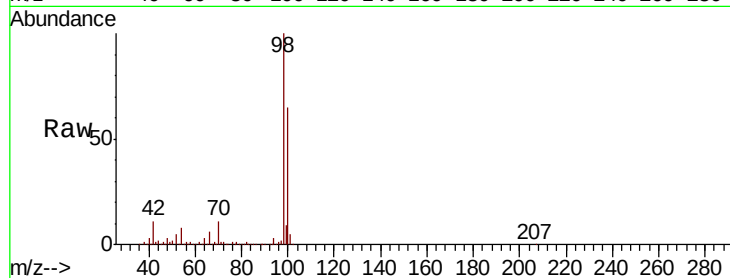
VN1127WBS02

Tot Ion: 98 Resp: 1287190

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7



#64

Chlorobenzene

Concen: 19.464 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN052494.D

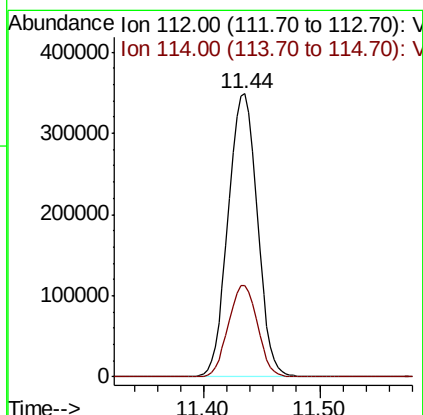
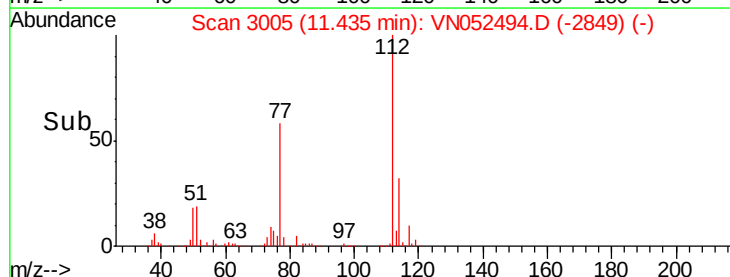
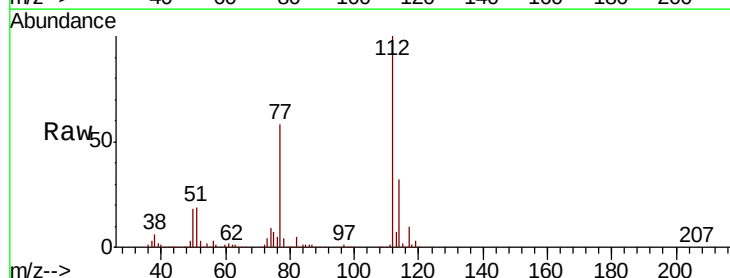
Acq: 27 Nov 2018 22:59

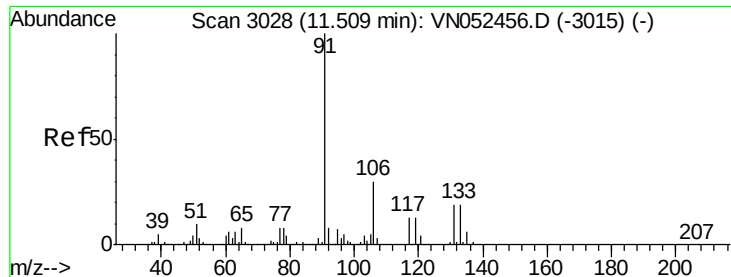
Tgt Ion: 112 Resp: 608014

Ion Ratio Lower Upper

112 100

114 32.3 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 18.926 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

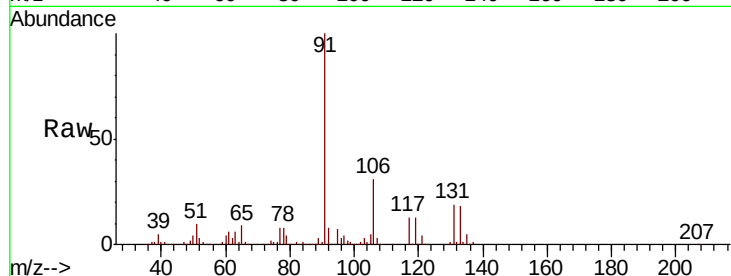
Tot Ion:131 Resp: 205211

Ion Ratio Lower Upper

131 100

133 98.0 0.0 193.4

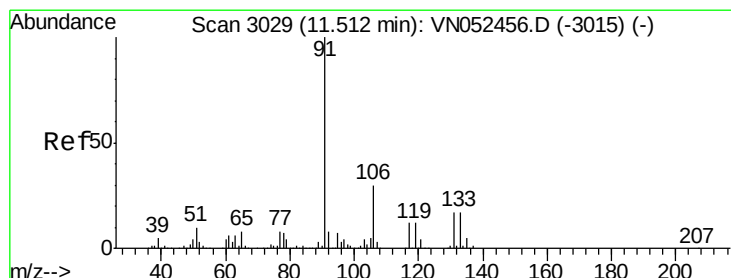
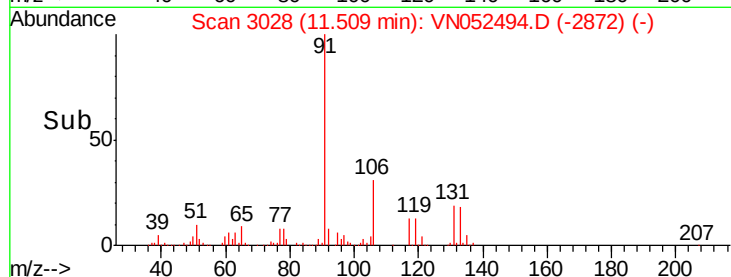
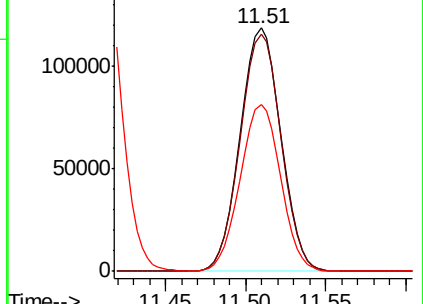
119 68.2 0.0 133.0



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: 19.340 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052494.D

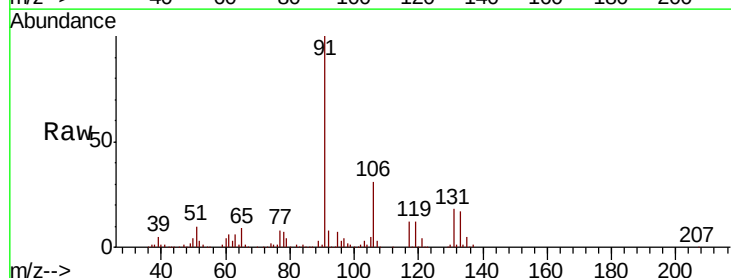
Acq: 27 Nov 2018 22:59

Tgt Ion: 91 Resp: 1066748

Ion Ratio Lower Upper

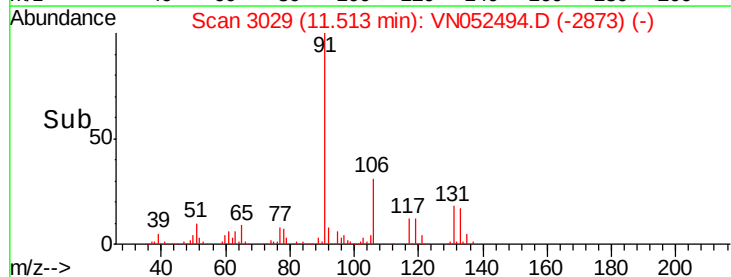
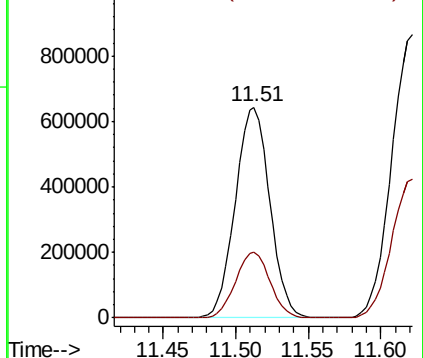
91 100

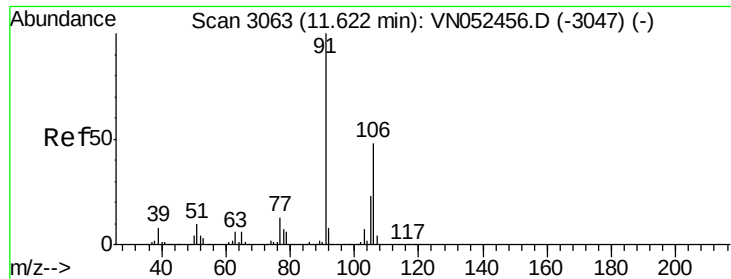
106 31.1 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

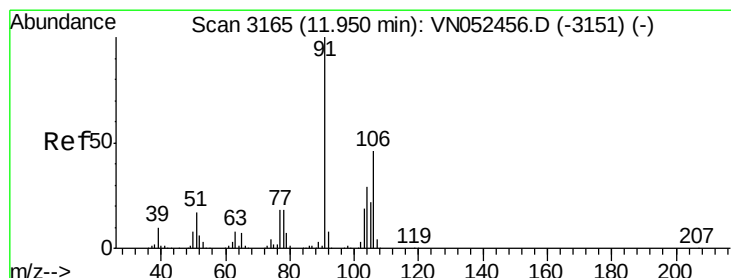
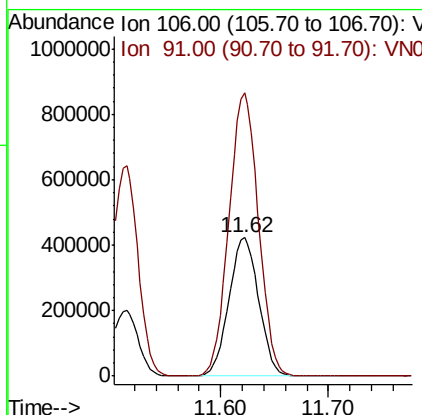
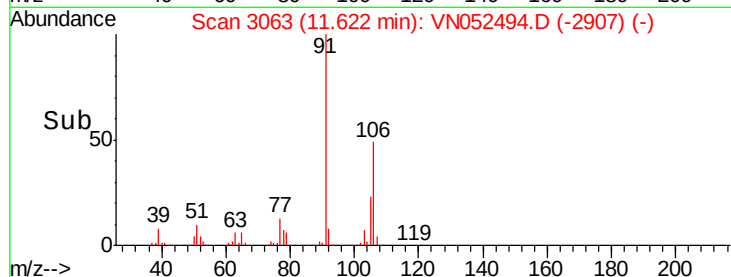
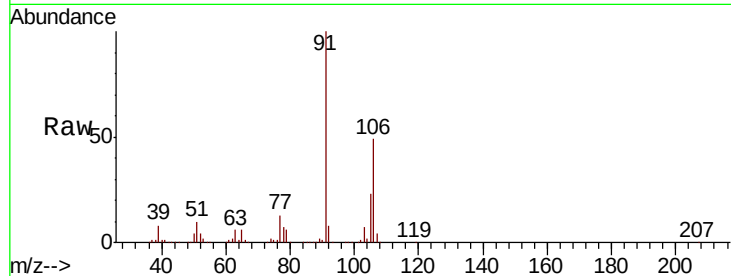




#67
m/p-Xylenes
Concen: 39.494 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

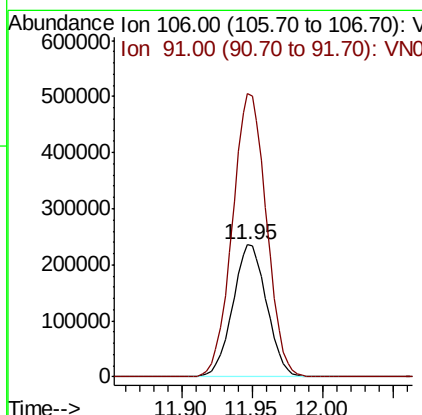
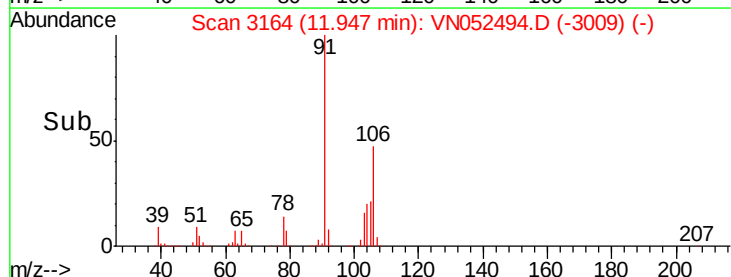
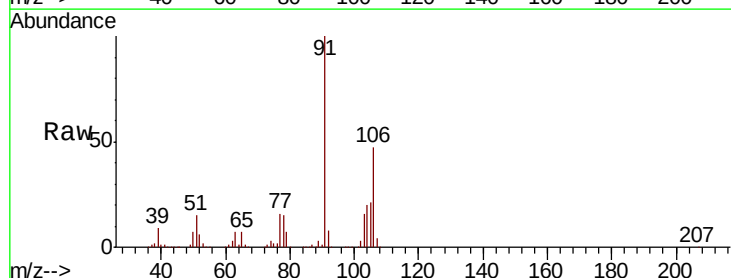
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS02

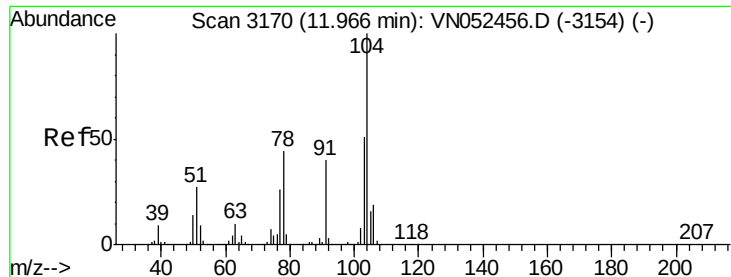
Tot Ion:106 Resp: 811572
Ion Ratio Lower Upper
106 100
91 203.2 163.9 245.9



#68
o-Xylene
Concen: 19.859 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052494.D
Acq: 27 Nov 2018 22:59

Tgt Ion:106 Resp: 396085
Ion Ratio Lower Upper
106 100
91 215.1 107.8 323.4





#69

Stvrene

Concen: 19.414 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

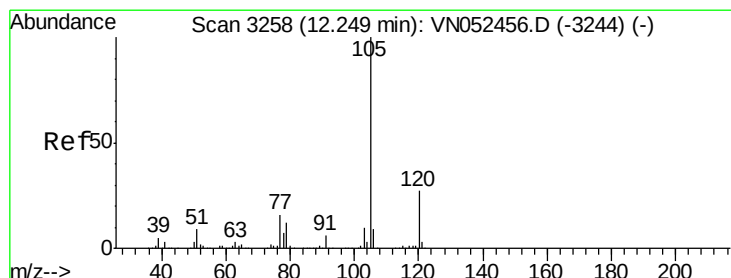
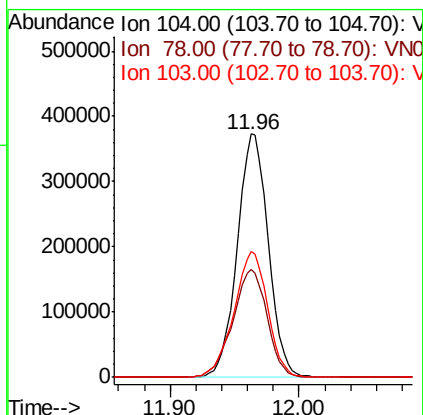
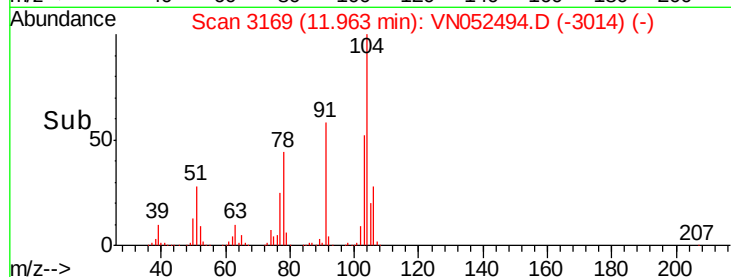
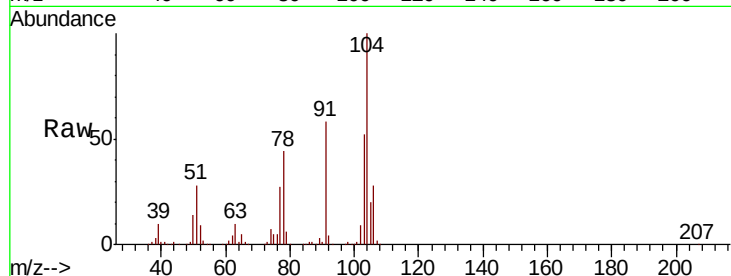
Tot Ion:104 Resp: 624990

Ion Ratio Lower Upper

104 100

78 48.8 39.3 58.9

103 56.0 44.6 66.8



#70

Isopropylbenzene

Concen: 19.575 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052494.D

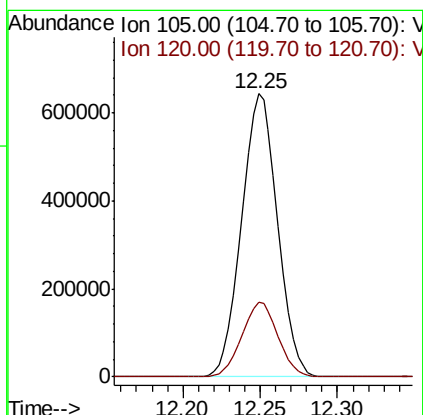
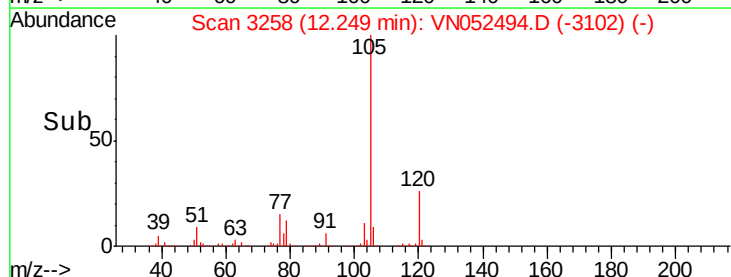
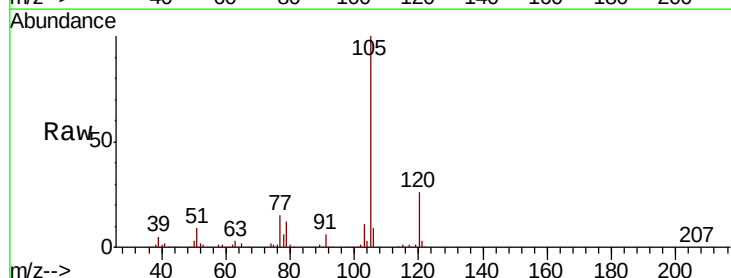
Acq: 27 Nov 2018 22:59

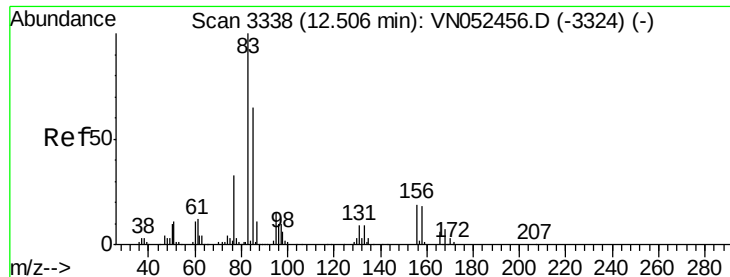
Tgt Ion:105 Resp: 1038788

Ion Ratio Lower Upper

105 100

120 26.4 18.6 34.6

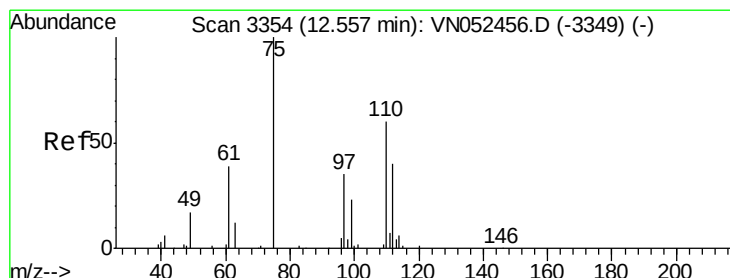
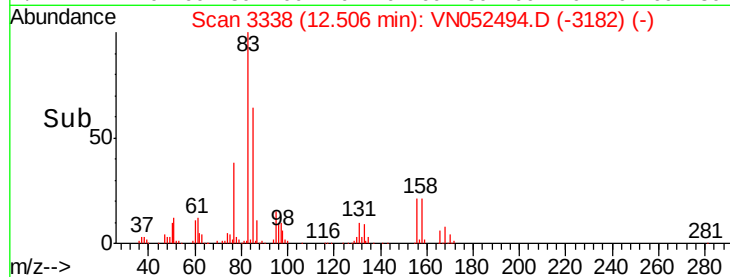
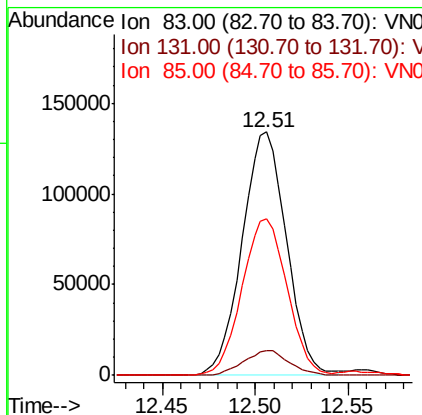
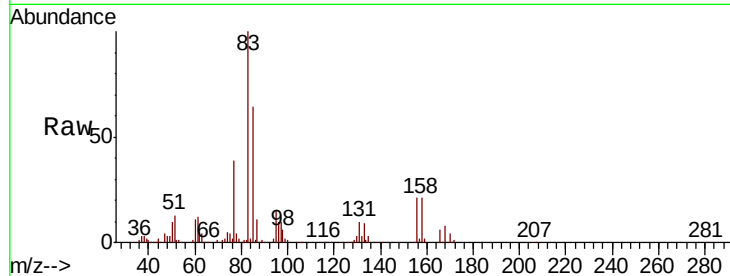




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.321 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

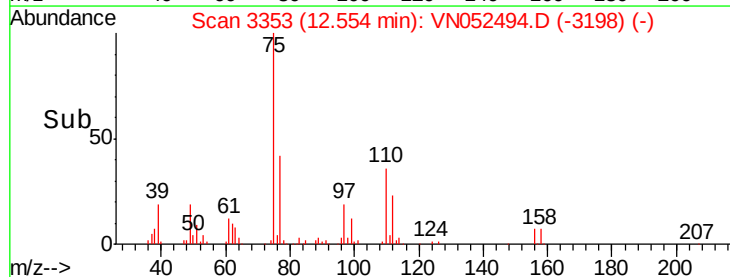
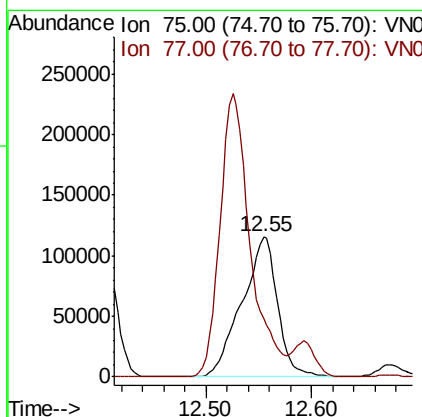
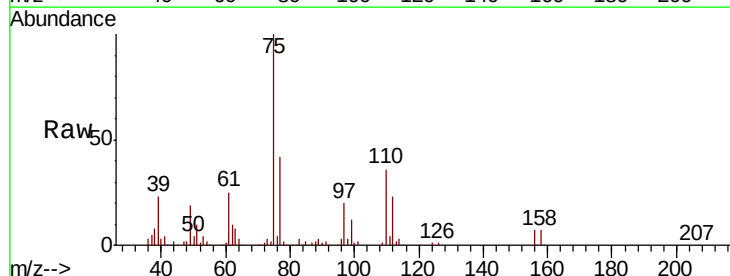
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

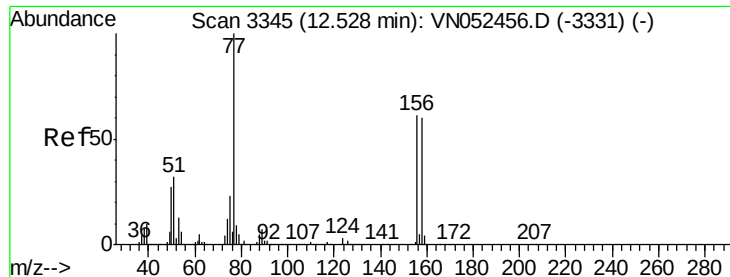
Tot Ion	83	Resp	223042
Ion Ratio	Lower	Upper	
83	100		
131	10.5	4.9	14.6
85	65.2	32.2	96.6



#72
 1,2,3-Trichloropropane
 Concen: 27.507 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Tgt Ion	75	Resp	272580
Ion Ratio	Lower	Upper	
75	100		
77	171.1	0.0	514.8





#73

Bromobenzene

Concen: 19.829 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

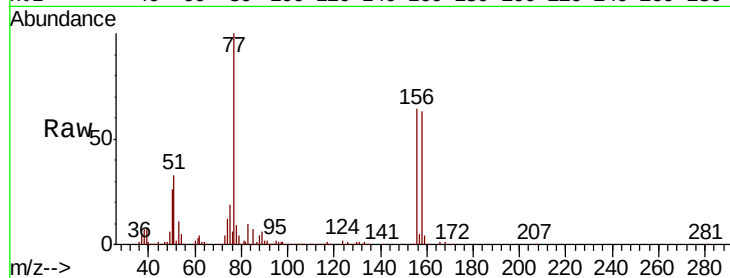
Tot Ion:156 Resp: 254499

Ion Ratio Lower Upper

156 100

77 183.3 0.0 382.6

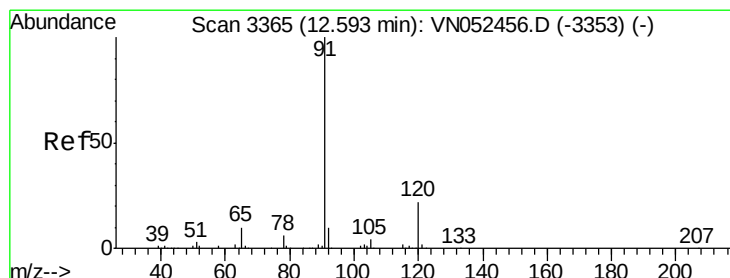
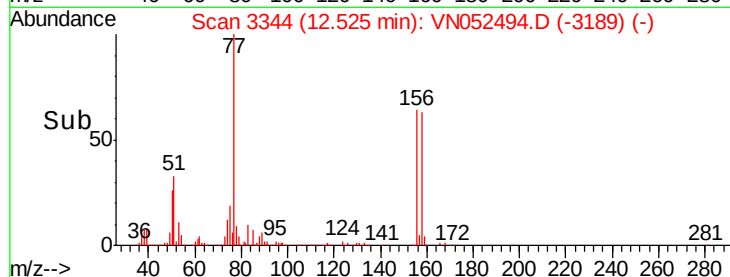
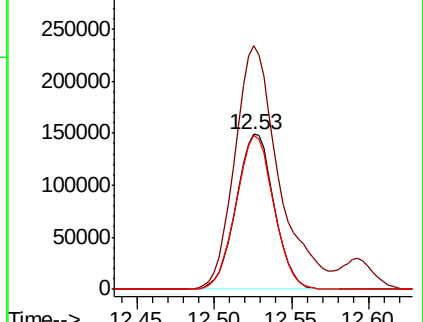
158 98.6 0.0 196.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.002 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052494.D

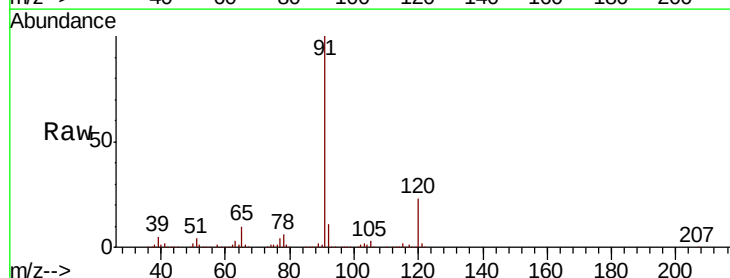
Acq: 27 Nov 2018 22:59

Tgt Ion: 91 Resp: 1174937

Ion Ratio Lower Upper

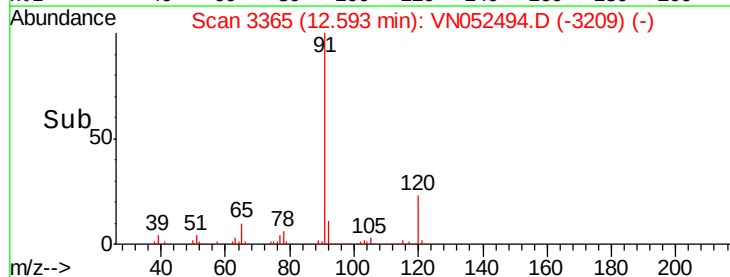
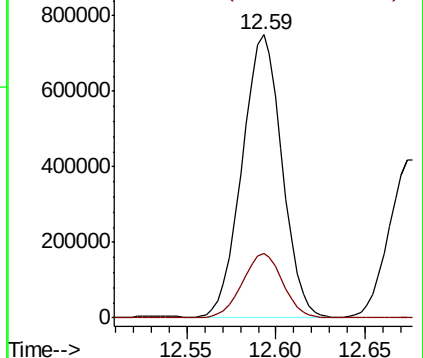
91 100

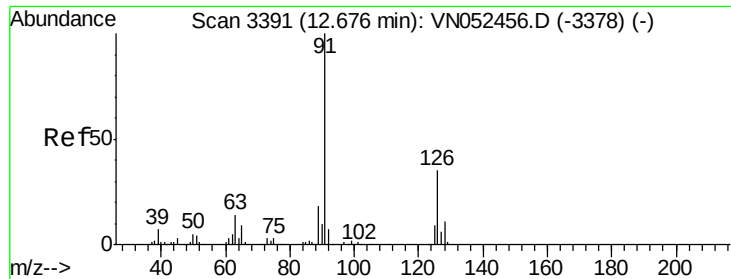
120 22.8 0.0 44.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.428 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

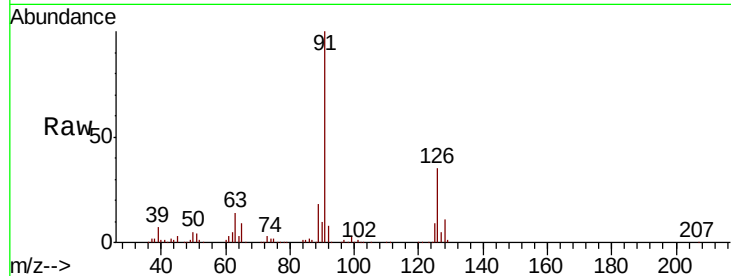
VN1127WBS02

Tot Ion: 91 Resp: 697276

Ion Ratio Lower Upper

91 100

126 34.8 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN052456.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN052456.D (-3378) (-)

800000

600000

400000

200000

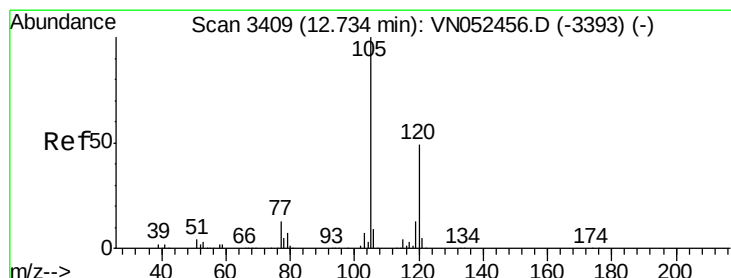
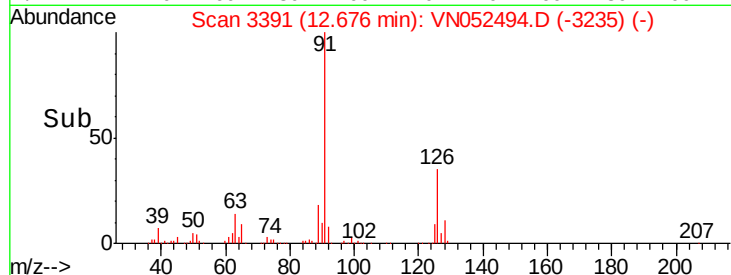
0

12.68

12.65

12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.584 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052494.D

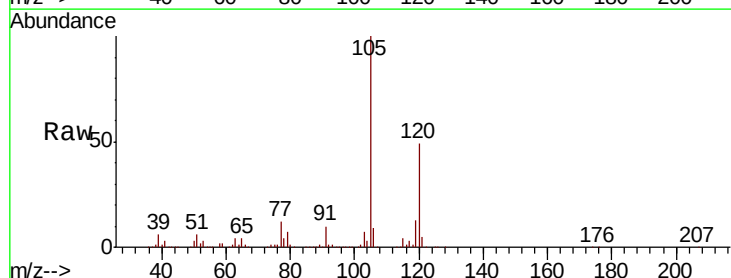
Acq: 27 Nov 2018 22:59

Tgt Ion: 105 Resp: 839449

Ion Ratio Lower Upper

105 100

120 49.4 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VN052456.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN052456.D (-3393) (-)

600000

500000

400000

300000

200000

100000

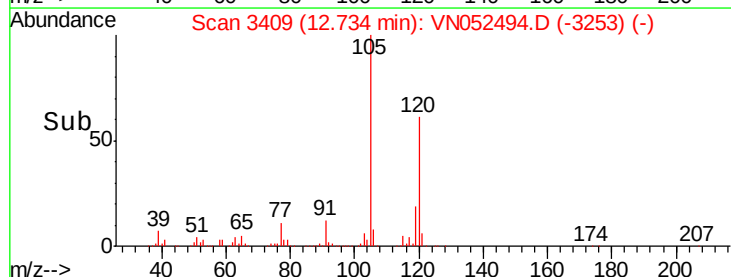
0

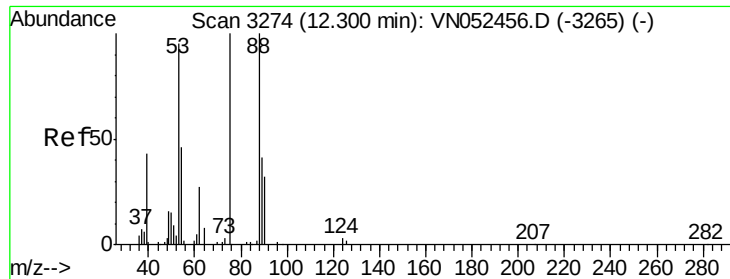
12.73

12.70

12.80

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.376 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

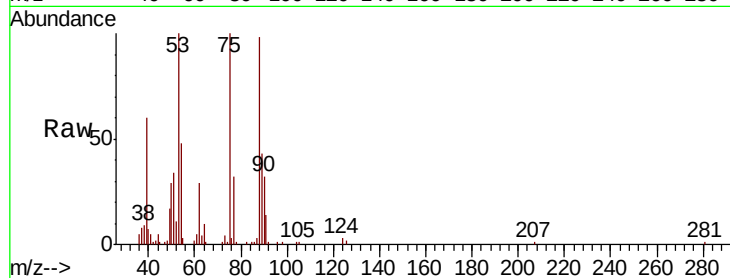
Tot Ion: 75 Resp: 54395

Ion Ratio Lower Upper

75 100

53 100.2 48.5 145.6

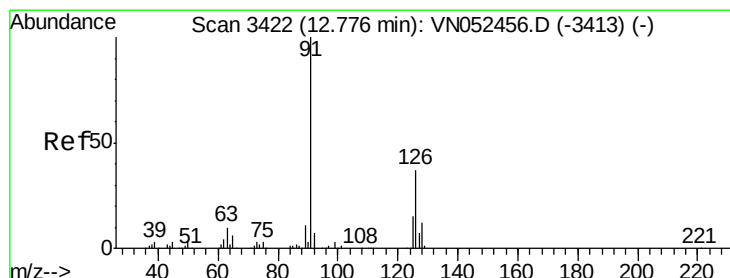
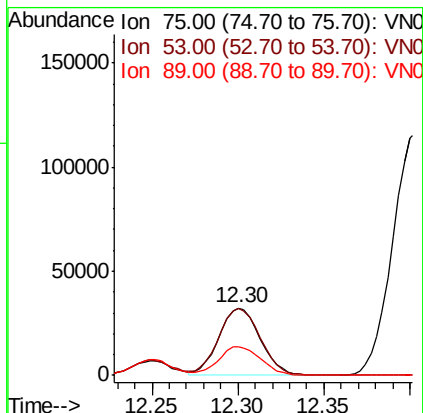
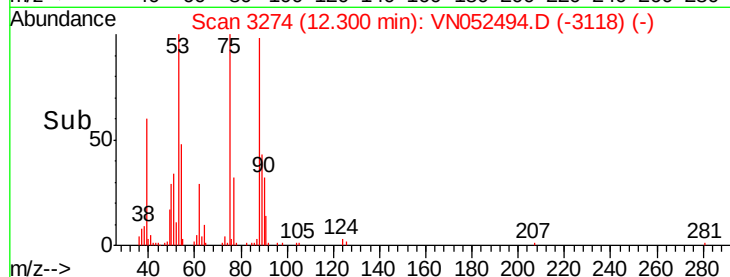
89 43.6 21.7 65.1



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: 19.061 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052494.D

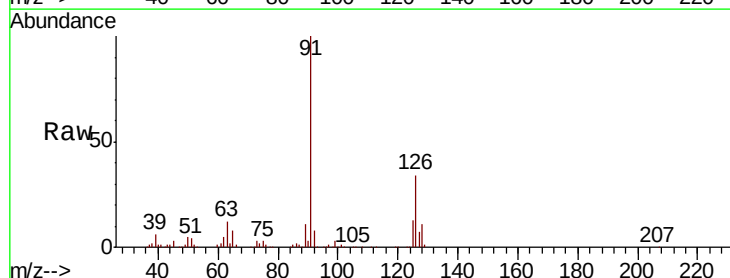
Acq: 27 Nov 2018 22:59

Tgt Ion: 91 Resp: 683164

Ion Ratio Lower Upper

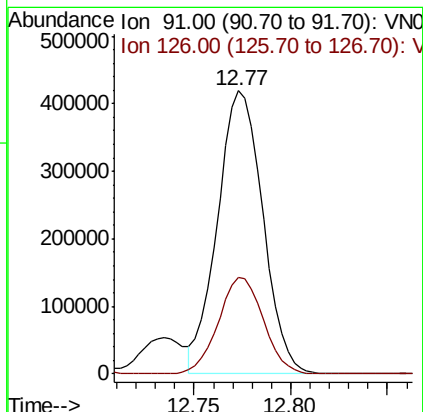
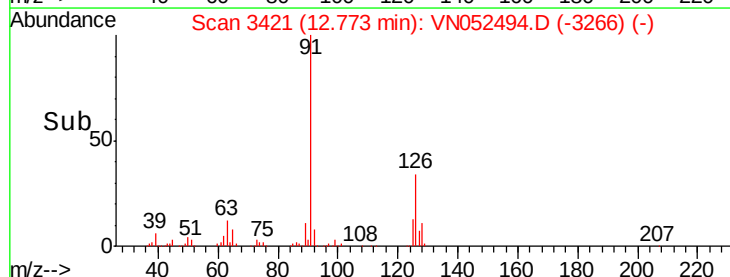
91 100

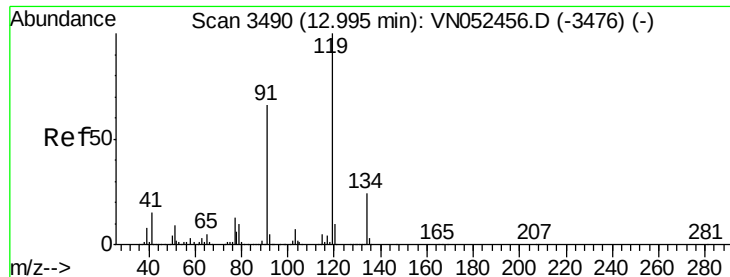
126 33.9 0.0 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.957 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

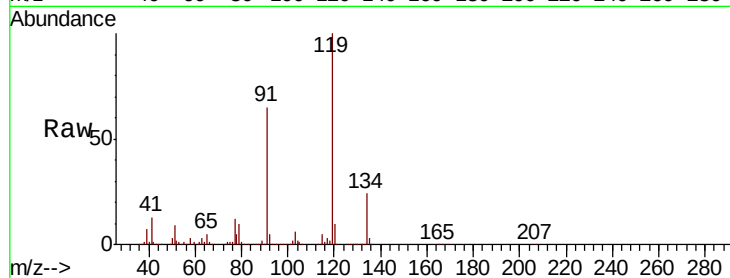
Tot Ion:119 Resp: 744988

Ion Ratio Lower Upper

119 100

91 64.6 0.0 129.8

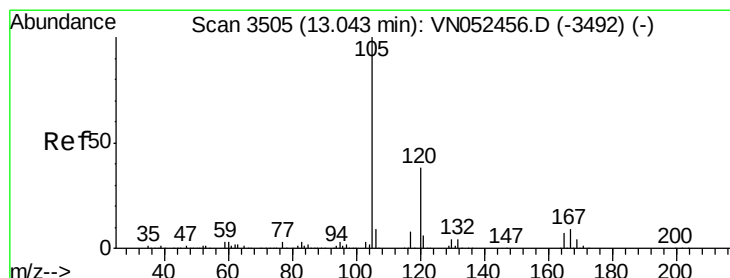
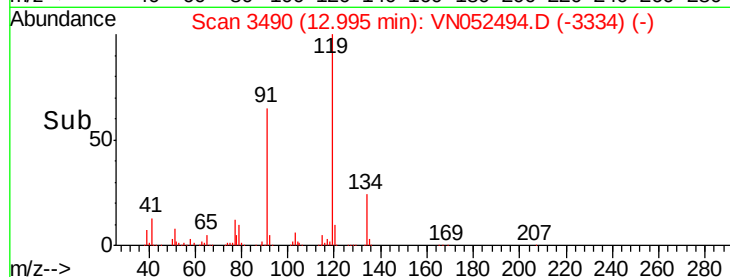
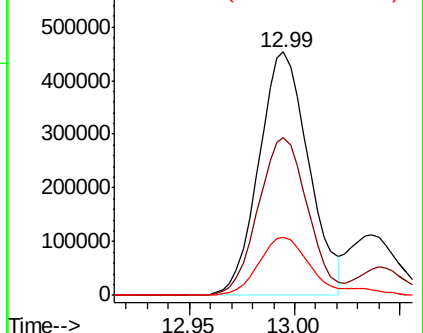
134 24.2 0.0 52.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.637 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052494.D

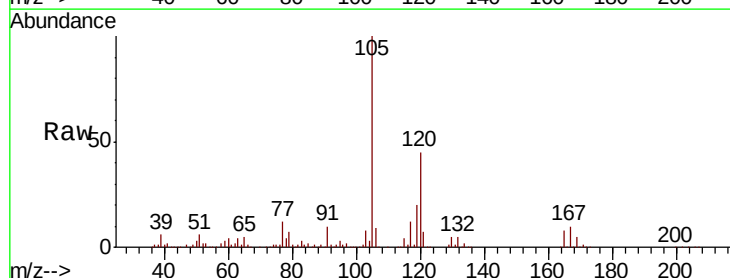
Acq: 27 Nov 2018 22:59

Tgt Ion:105 Resp: 842216

Ion Ratio Lower Upper

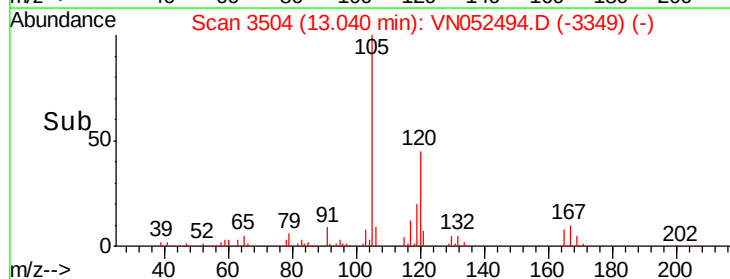
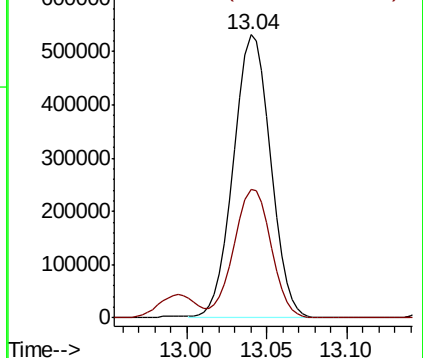
105 100

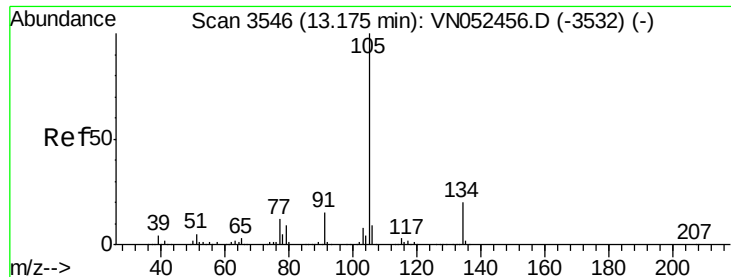
120 45.4 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.292 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

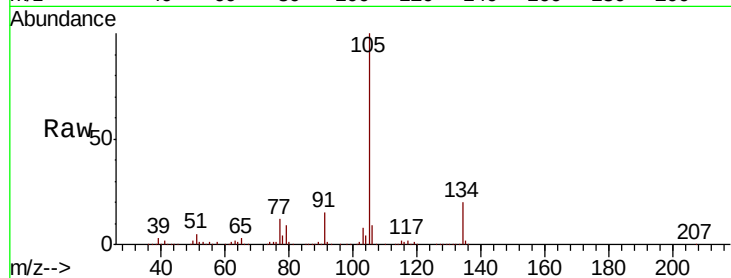
VN1127WBS02

Tot Ion:105 Resp: 1003057

Ion Ratio Lower Upper

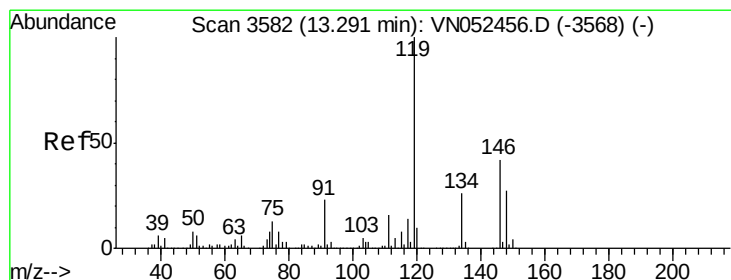
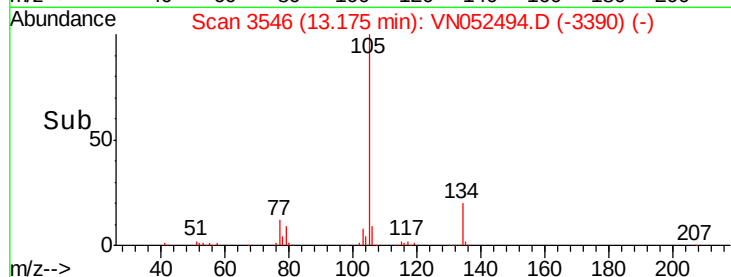
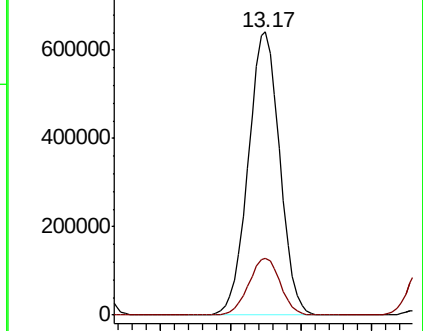
105 100

134 20.1 0.0 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.020 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

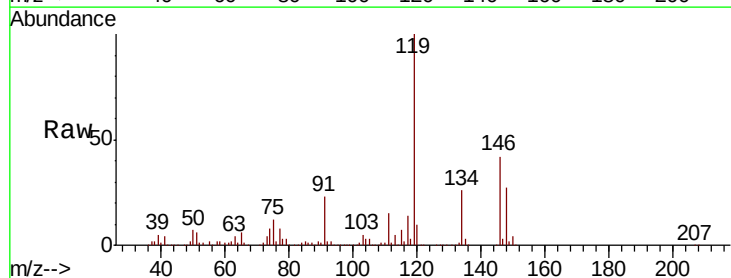
Tgt Ion:119 Resp: 842072

Ion Ratio Lower Upper

119 100

134 26.5 0.0 52.6

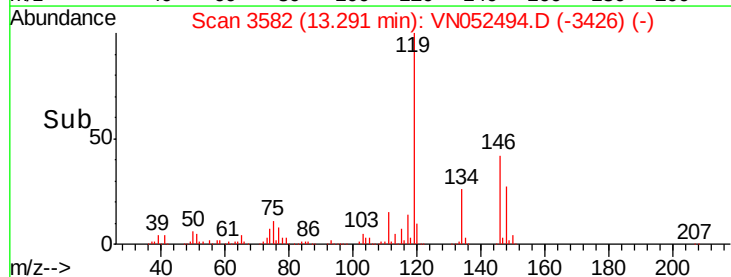
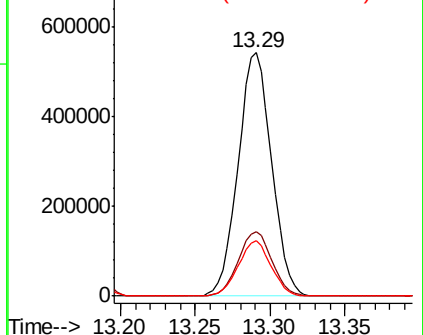
91 22.4 0.0 46.2

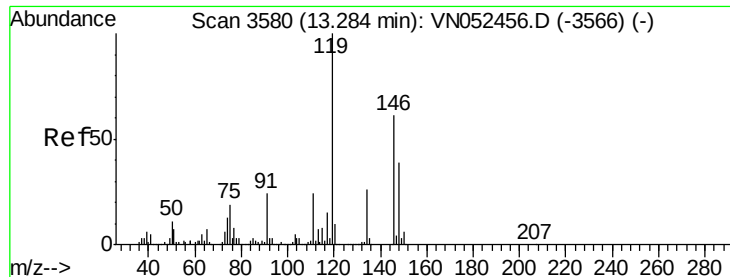


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 19.142 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

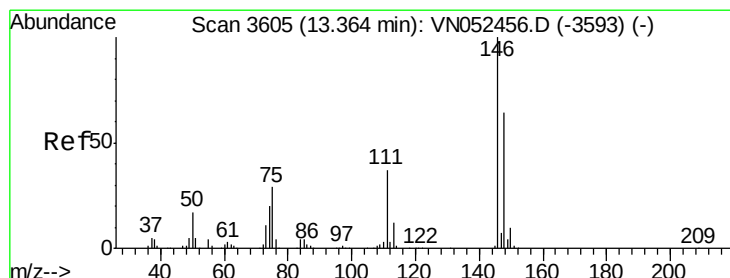
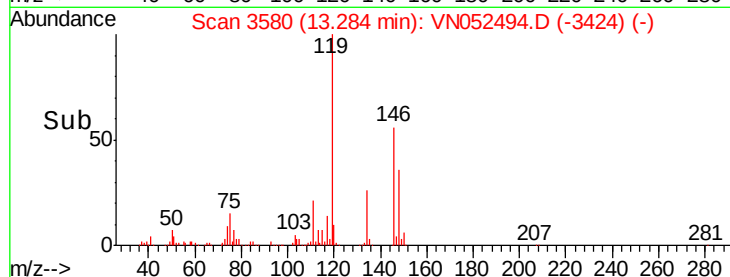
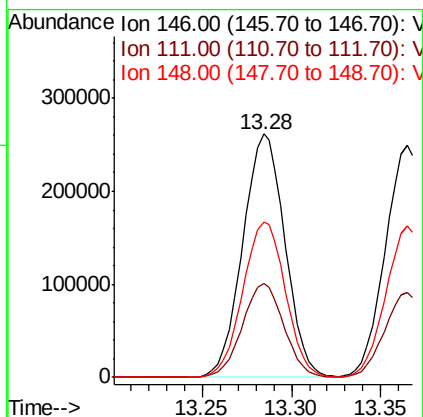
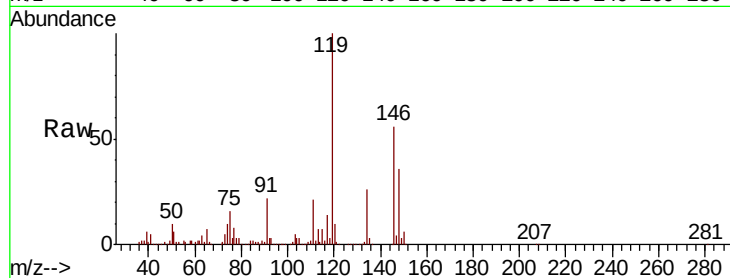
Tot Ion:146 Resp: 432094

Ion Ratio Lower Upper

146 100

111 38.0 19.7 59.0

148 64.7 32.3 96.8



#84

1,4-Dichlorobenzene

Concen: 19.136 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

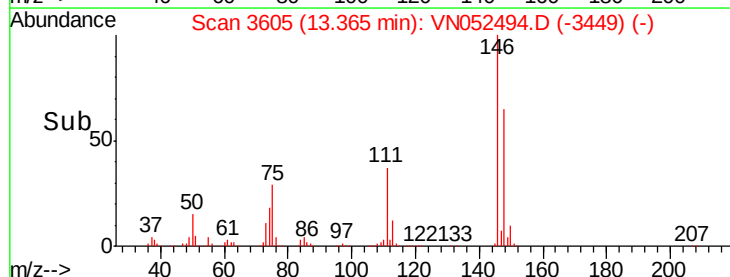
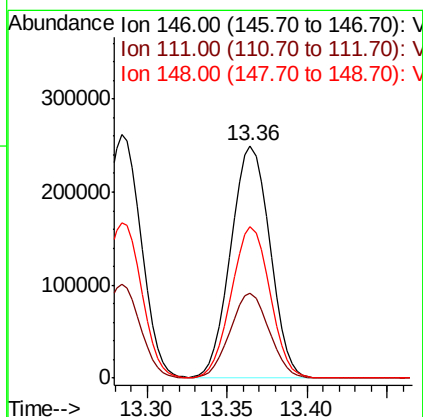
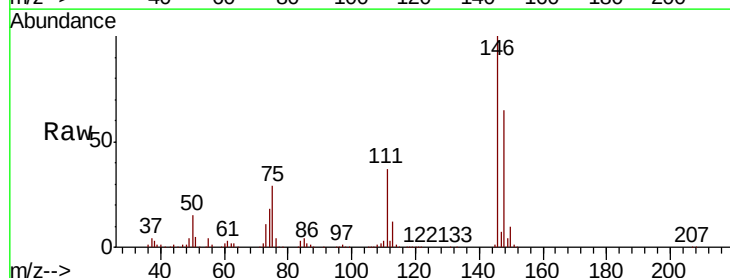
Tgt Ion:146 Resp: 417352

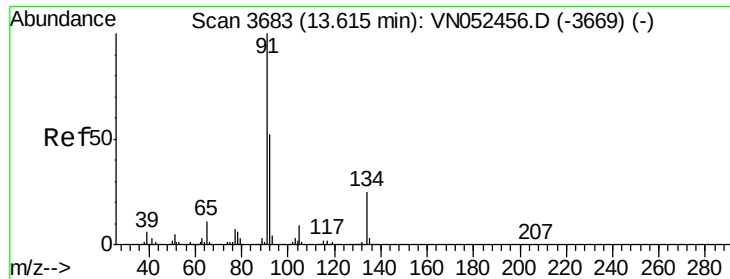
Ion Ratio Lower Upper

146 100

111 36.4 18.8 56.3

148 64.3 32.5 97.4





#85

n-Butylbenzene

Concen: 17.742 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampled :

VN1127WBS02

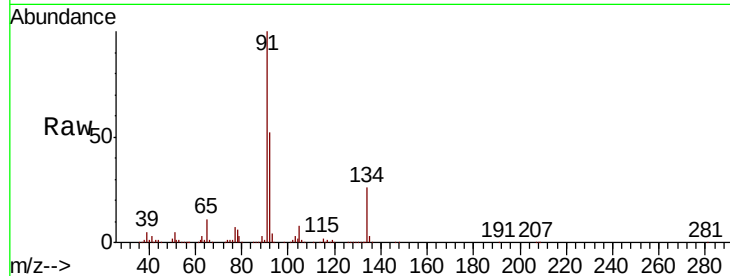
Tot Ion: 91 Resp: 674731

Ion Ratio Lower Upper

91 100

92 52.1 0.0 104.2

134 26.1 0.0 50.6

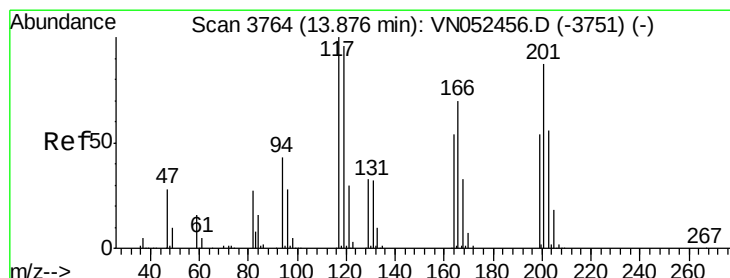
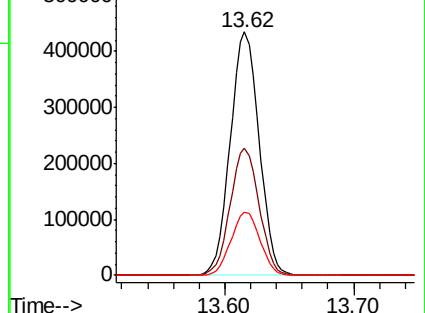
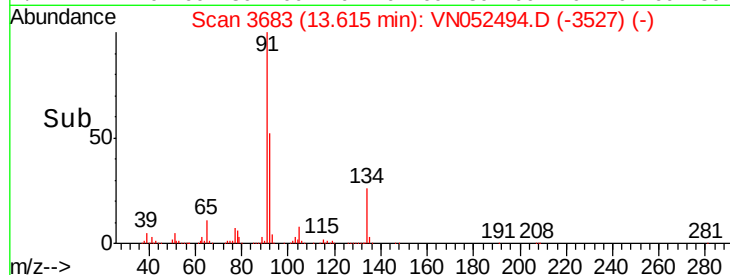


Abundance

Ion 91.00 (90.70 to 91.70): VN052494.D (-3527) (-)

Ion 92.00 (91.70 to 92.70): VN052494.D (-3527) (-)

Ion 134.00 (133.70 to 134.70): VN052494.D (-3527) (-)



#86

Hexachloroethane

Concen: 18.054 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN052494.D

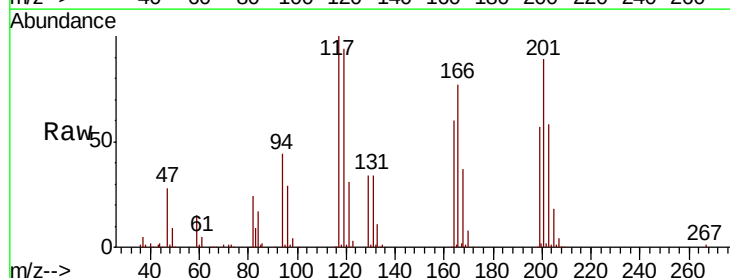
Acq: 27 Nov 2018 22:59

Tgt Ion: 117 Resp: 135432

Ion Ratio Lower Upper

117 100

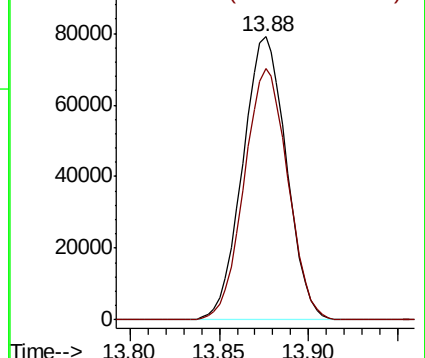
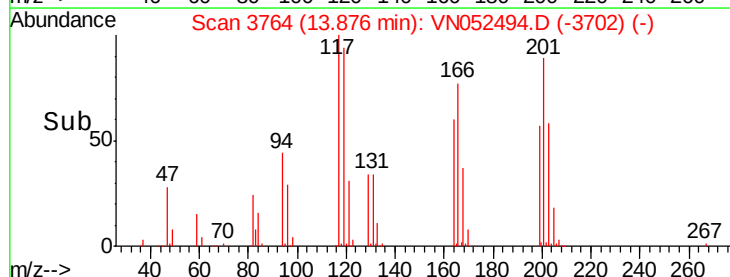
201 88.6 43.8 131.3

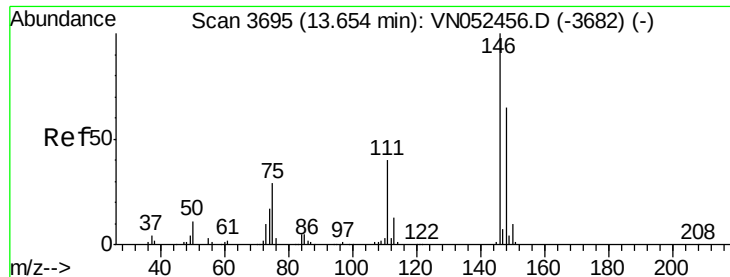


Abundance

Ion 117.00 (116.70 to 117.70): VN052494.D (-3702) (-)

Ion 201.00 (200.70 to 201.70): VN052494.D (-3702) (-)

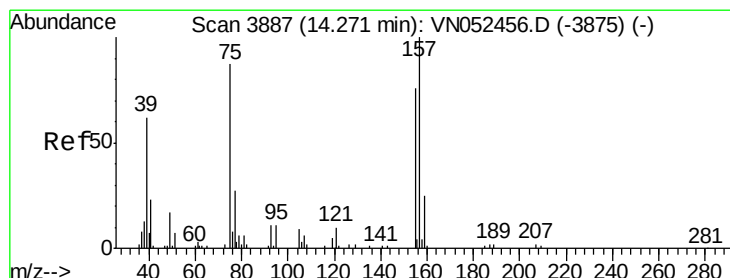
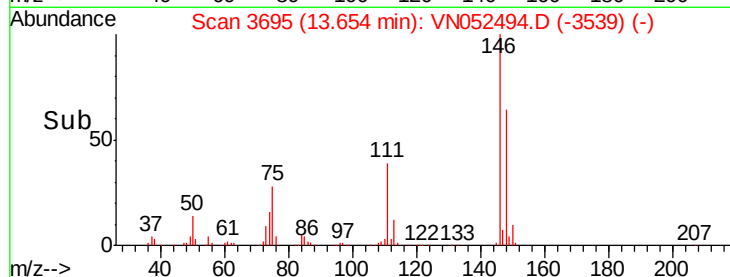
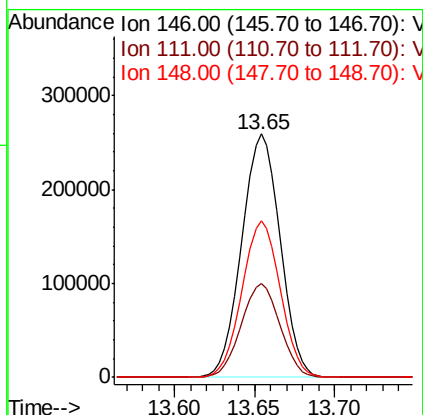
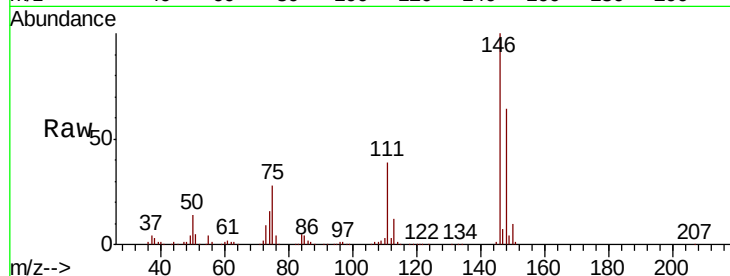




#87
 1,2-Dichlorobenzene
 Concen: 19.818 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

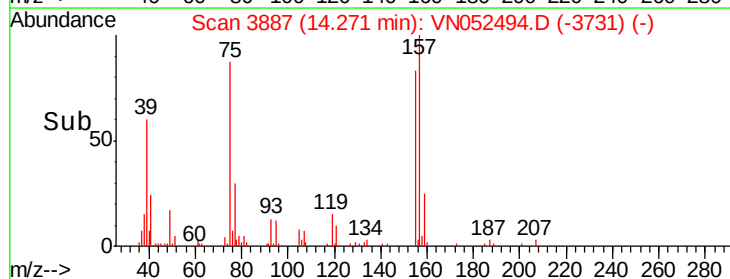
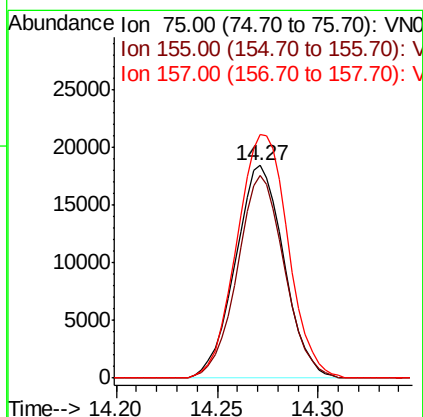
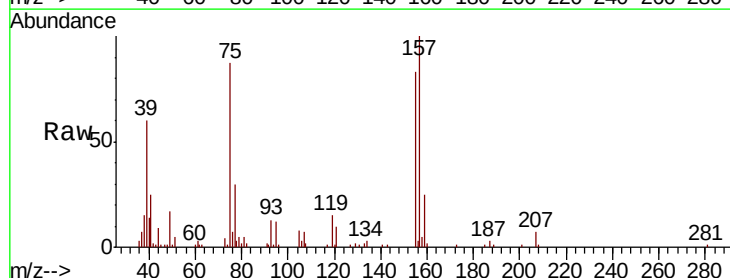
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

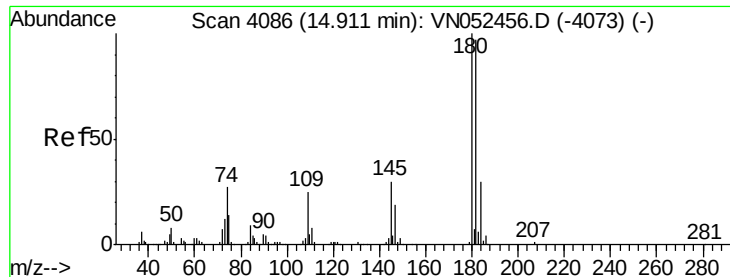
Tot Ion:146 Resp: 425716
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.3 60.8
 148 63.9 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.211 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Tgt Ion: 75 Resp: 31064
 Ion Ratio Lower Upper
 75 100
 155 92.4 72.2 108.2
 157 120.9 94.2 141.2

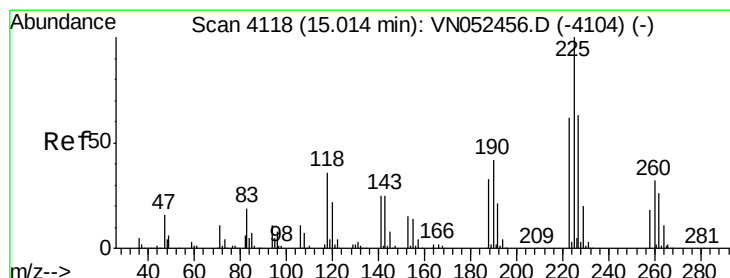
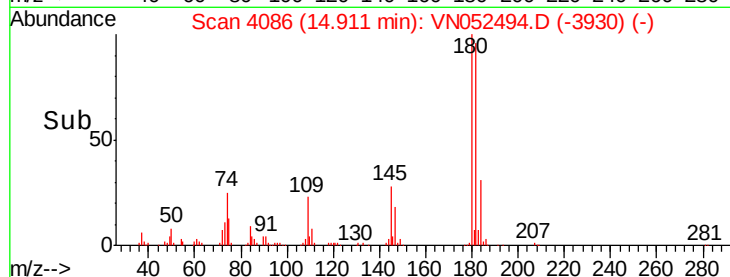
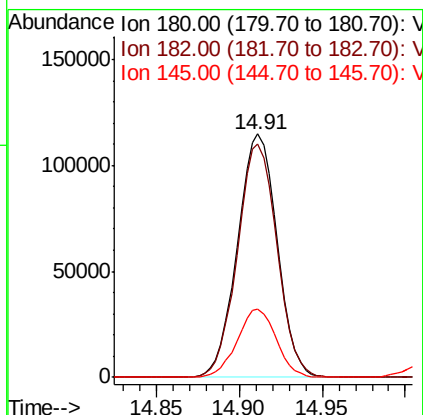
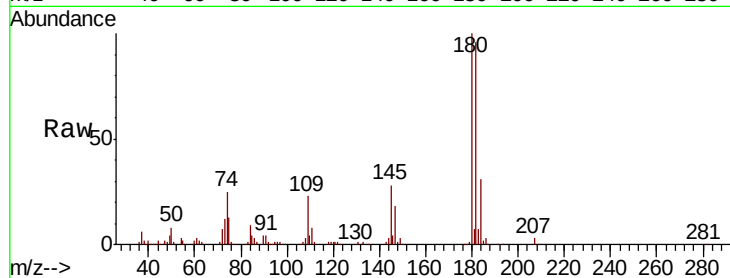




#89
 1,2,4-Trichlorobenzene
 Concen: 18.045 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

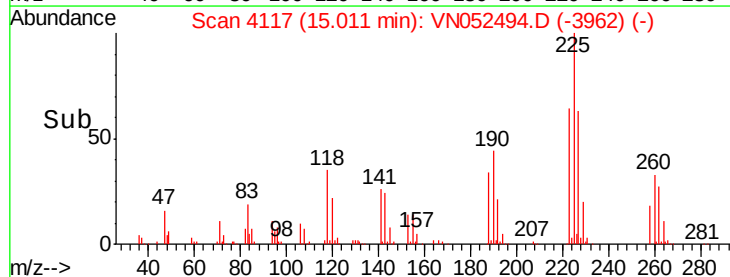
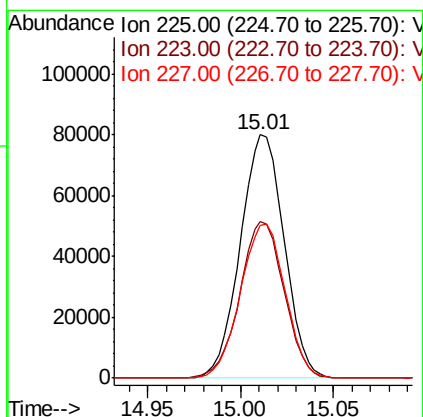
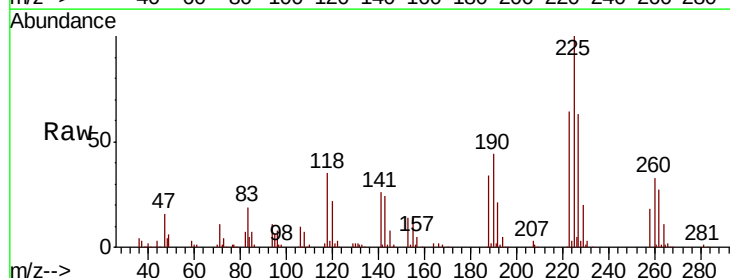
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS02

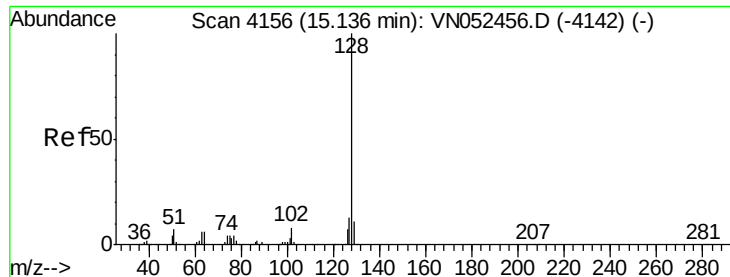
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	114.8
145	27.5	23.6	35.4



#90
 Hexachlorobutadiene
 Concen: 18.913 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052494.D
 Acq: 27 Nov 2018 22:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	0.0	125.6
227	64.4	0.0	127.8





#91

Naphthalene

Concen: 18.431 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS02

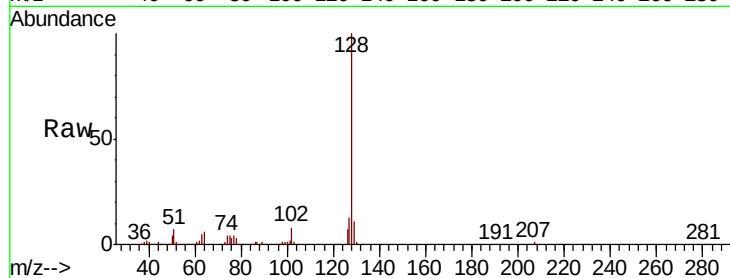
Tot Ion:128 Resp: 393912

Ion Ratio Lower Upper

128 100

127 12.5 9.9 14.9

129 10.9 8.5 12.7

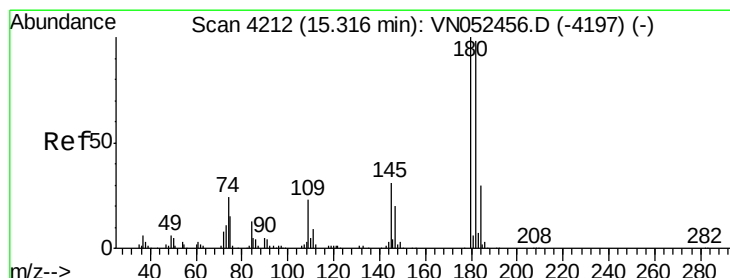
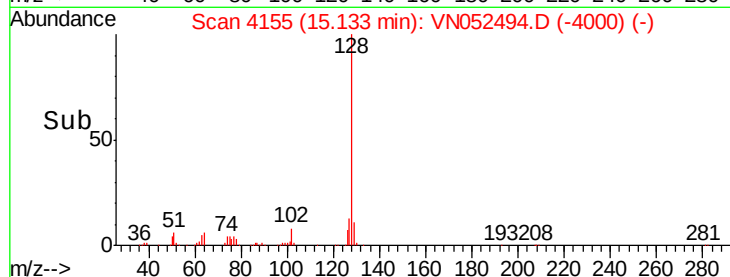
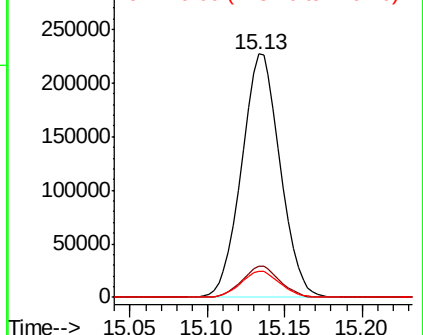


Abundance

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: 18.500 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052494.D

Acq: 27 Nov 2018 22:59

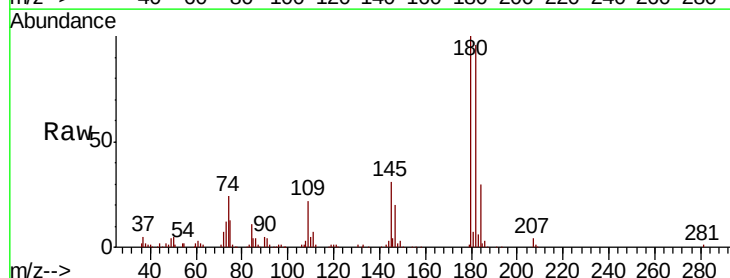
Tgt Ion:180 Resp: 180436

Ion Ratio Lower Upper

180 100

182 96.0 0.0 196.2

145 31.3 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

