

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041419\
 Data File : VN055031.D
 Acq On : 13 Apr 2019 15:55
 Operator : JC/SP
 Sample : VN0414WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Quant Time: Apr 14 03:25:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	403284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	661965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229263	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	278792	55.09	ug/l	0.00
Spiked Amount			Recovery	=	110.18%	
35) Dibromofluoromethane	7.59	113	221370	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
50) Toluene-d8	10.09	98	814362	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.40	95	262660	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	90754	20.402	ug/l	99
3) Chloromethane	2.06	50	119258	19.992	ug/l	99
4) Vinyl Chloride	2.19	62	98932	20.438	ug/l	99
5) Bromomethane	2.55	94	54600	19.485	ug/l	98
6) Chloroethane	2.70	64	52545	19.684	ug/l	100
7) Trichlorofluoromethane	3.02	101	123726	20.377	ug/l	98
8) Diethyl Ether	3.41	74	40181	21.042	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	62770	19.820	ug/l	99
10) Methyl Iodide	3.94	142	90822	19.885	ug/l	99
11) Tert butyl alcohol	4.82	59	14554	46.734	ug/l #	72
12) 1,1-Dichloroethene	3.72	96	61815	19.825	ug/l	99
13) Acrolein	3.61	56	37640	100.132	ug/l	100
14) Allyl chloride	4.31	41	150352	19.735	ug/l	96
15) Acrylonitrile	5.00	53	193957	112.918	ug/l	100
16) Acetone	3.82	43	130407	93.797	ug/l	99
17) Carbon Disulfide	4.03	76	189461	18.655	ug/l	99
18) Methyl Acetate	4.33	43	92351	21.429	ug/l	98
19) Methyl tert-butyl Ether	5.06	73	240493	21.587	ug/l	98
20) Methylene Chloride	4.54	84	97249	20.662	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	83127	20.238	ug/l	97
22) Diisopropyl ether	5.96	45	329584	21.337	ug/l	99
23) Vinyl Acetate	5.90	43	1166728	107.992	ug/l	100
24) 1,1-Dichloroethane	5.84	63	174592	20.928	ug/l	99
25) 2-Butanone	6.85	43	237506	110.917	ug/l	99
26) 2,2-Dichloropropane	6.82	77	100633	18.233	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	96973	20.322	ug/l	99
28) Bromochloromethane	7.19	49	88992	22.483	ug/l	97
29) Tetrahydrofuran	7.22	42	162047	115.443	ug/l	99
30) Chloroform	7.37	83	164295	20.652	ug/l	98
31) Cyclohexane	7.65	56	156956	19.505	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	132057	20.837	ug/l	99
36) 1,1-Dichloropropene	7.79	75	119206	19.485	ug/l	98
37) Ethyl Acetate	6.94	43	100909	21.971	ug/l	98
38) Carbon Tetrachloride	7.77	117	107749	18.710	ug/l	100

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Quant Time: Apr 14 03:25:23 2019
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 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	119980	17.130	ug/l	98
40) Benzene	8.04	78	374885	20.268	ug/l	99
41) Methacrylonitrile	7.18	41	59625	21.098	ug/l	96
42) 1,2-Dichloroethane	8.13	62	131697	20.240	ug/l	100
43) Isopropyl Acetate	8.17	43	170029	21.651	ug/l	100
44) Trichloroethene	8.83	130	91908	19.444	ug/l	100
45) 1,2-Dichloropropane	9.12	63	105922	20.293	ug/l	97
46) Dibromomethane	9.21	93	60576	20.254	ug/l	97
47) Bromodichloromethane	9.40	83	118927	19.554	ug/l	99
48) Methyl methacrylate	9.20	41	85242	21.070	ug/l	97
49) 1,4-Dioxane	9.20	88	14997	344.695	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	500312	108.804	ug/l	98
52) Toluene	10.16	92	216606	19.801	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	103560	18.804	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	135434	19.963	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	86923	21.331	ug/l	98
56) Ethyl methacrylate	10.43	69	107358	20.474	ug/l	99
57) 1,3-Dichloropropane	10.71	76	146146	20.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	207067	99.690	ug/l	99
59) 2-Hexanone	10.75	43	309177	107.597	ug/l	99
60) Dibromochloromethane	10.90	129	79191	19.524	ug/l	98
61) 1,2-Dibromoethane	11.01	107	80918	20.740	ug/l	96
64) Tetrachloroethene	10.63	164	87483	19.273	ug/l	97
65) Chlorobenzene	11.43	112	226231	20.219	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	82935	20.113	ug/l	99
67) Ethyl Benzene	11.51	91	403091	19.612	ug/l	98
68) m/p-Xylenes	11.62	106	296800	39.470	ug/l	99
69) o-Xylene	11.95	106	147718	19.854	ug/l	99
70) Styrene	11.96	104	243191	20.615	ug/l	99
71) Bromoform	12.13	173	48516	18.857	ug/l #	100
73) Isopropylbenzene	12.25	105	382965	19.646	ug/l	99
74) N-amyl acetate	12.07	43	124676	21.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	107539	21.309	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	123548	29.292	ug/l #	100
77) Bromobenzene	12.53	156	94408	21.063	ug/l	99
78) n-propylbenzene	12.59	91	408593	19.240	ug/l	100
79) 2-Chlorotoluene	12.67	91	258912	19.735	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	310315	19.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20401	19.964	ug/l	92
82) 4-Chlorotoluene	12.77	91	250655	19.755	ug/l	99
83) tert-Butylbenzene	12.99	119	264547	19.460	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	302663	19.891	ug/l	100
85) sec-Butylbenzene	13.17	105	326824	18.830	ug/l	100
86) p-Isopropyltoluene	13.29	119	283912	18.805	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	149759	19.232	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	144338	19.380	ug/l	99
89) n-Butylbenzene	13.62	91	201882	17.026	ug/l	99
90) Hexachloroethane	13.87	117	42149	16.895	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	155016	20.506	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13896	21.175	ug/l	94

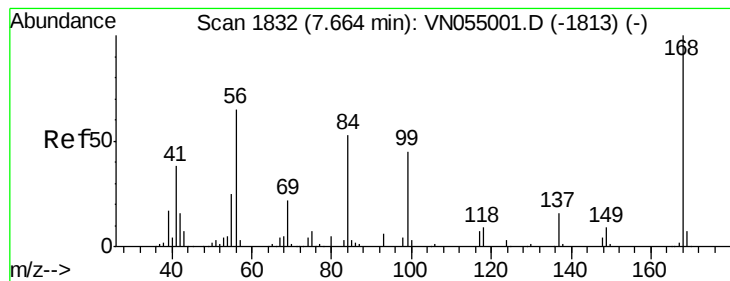
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041419\
Data File : VN055031.D
Acq On : 13 Apr 2019 15:55
Operator : JC/SP
Sample : VN0414WBSD01
Misc : 5.00mL/MSVOA N/WATER
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53224	16.706	ug/l	98
94) Hexachlorobutadiene	15.01	225	42866	17.494	ug/l	97
95) Naphthalene	15.13	128	131976	18.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	57679	16.914	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

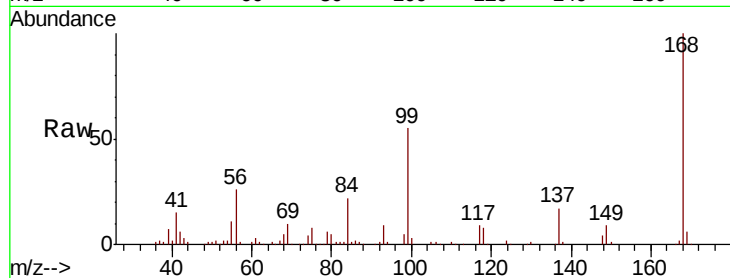
VN0414WBSD01

Tot Ion:168 Resp: 403284

Ion Ratio Lower Upper

168 100

99 53.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

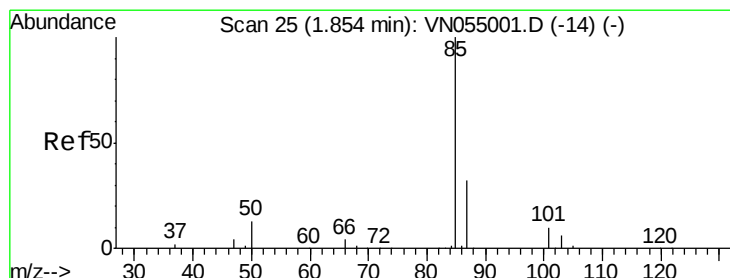
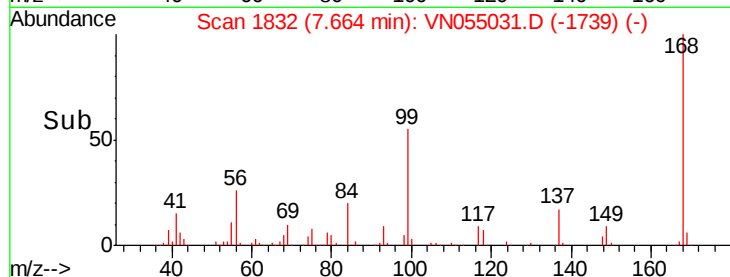
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.402 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN055031.D

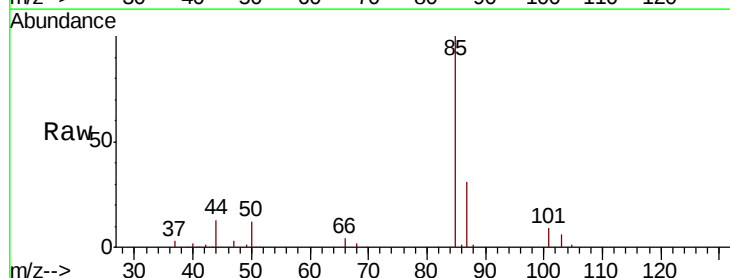
Acq: 13 Apr 2019 15:55

Tgt Ion: 85 Resp: 90754

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

60000

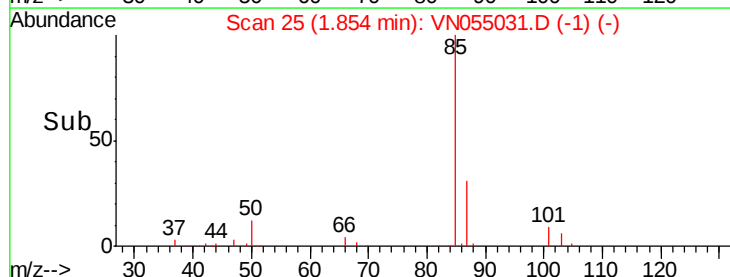
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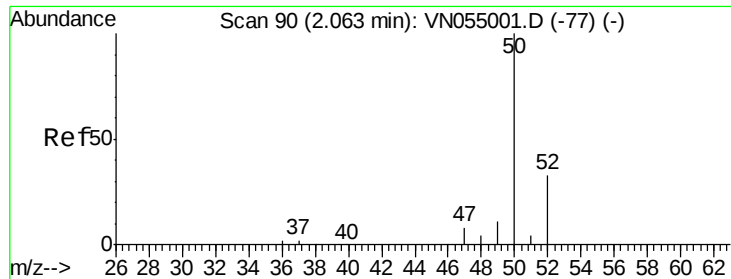
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.992 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

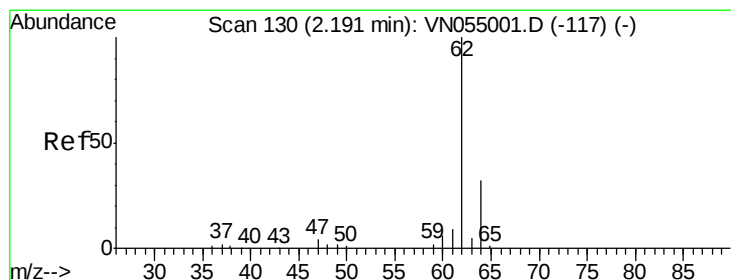
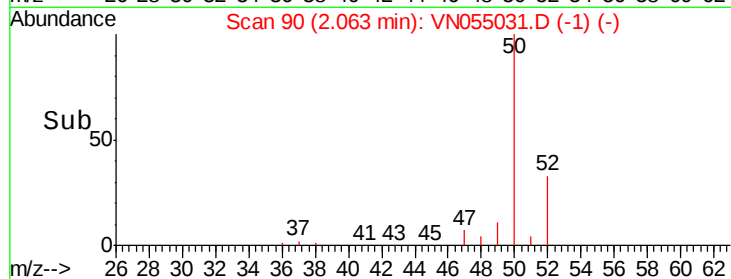
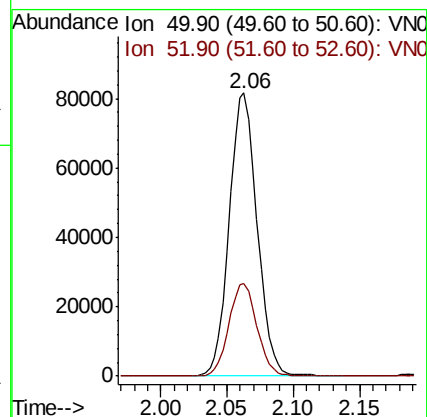
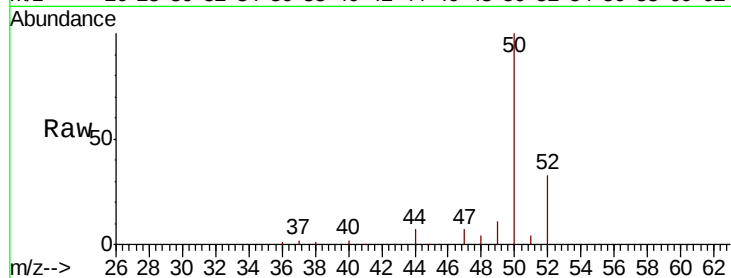
VN0414WBSD01

Tot Ion: 50 Resp: 119258

Ion Ratio Lower Upper

50 100

52 32.8 26.6 40.0



#4

Vinyl Chloride

Concen: 20.438 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN055031.D

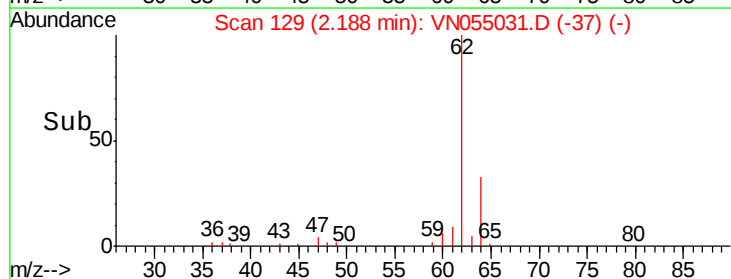
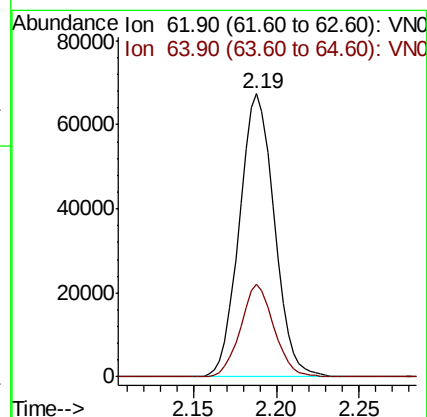
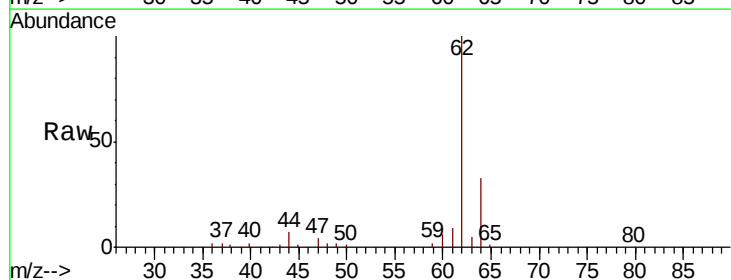
Acq: 13 Apr 2019 15:55

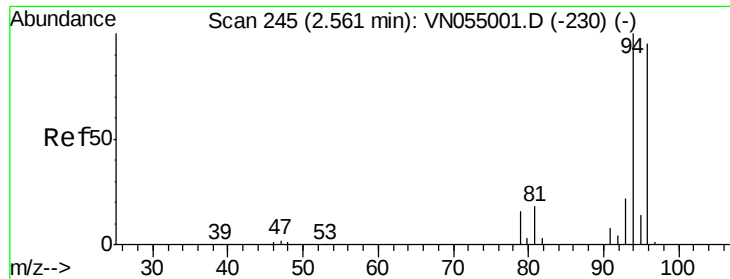
Tgt Ion: 62 Resp: 98932

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.6

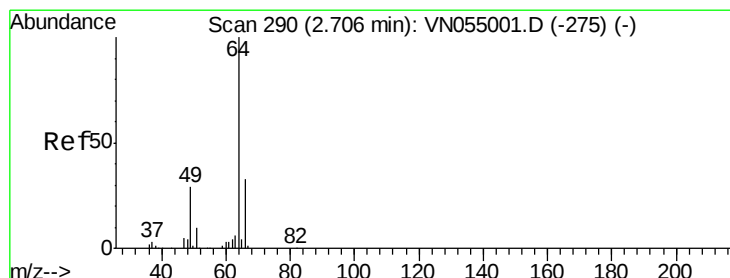
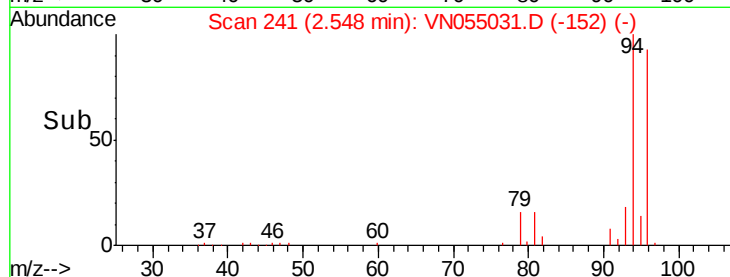
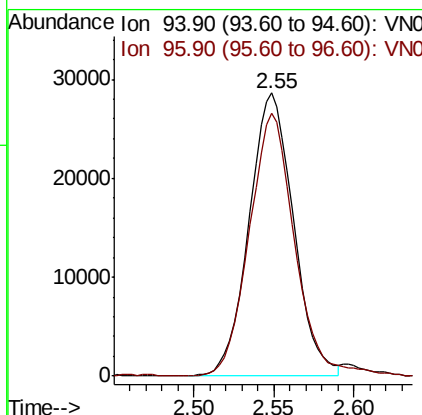
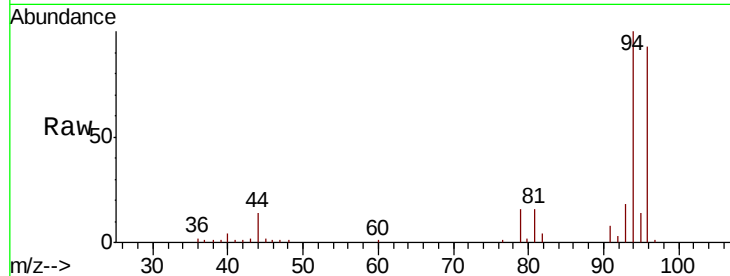




#5
Bromomethane
Concen: 19.485 ug/l
RT: 2.55 min Scan# 241
Delta R.T. -0.01 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

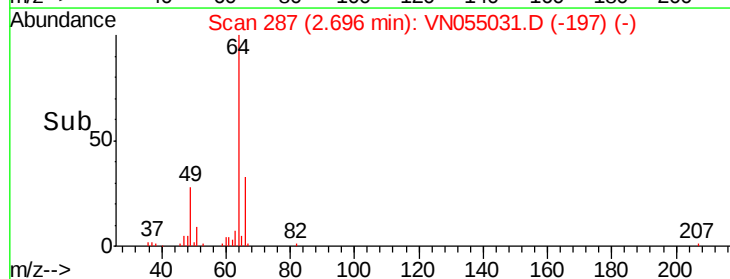
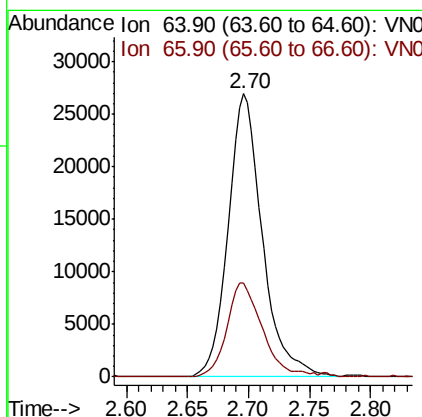
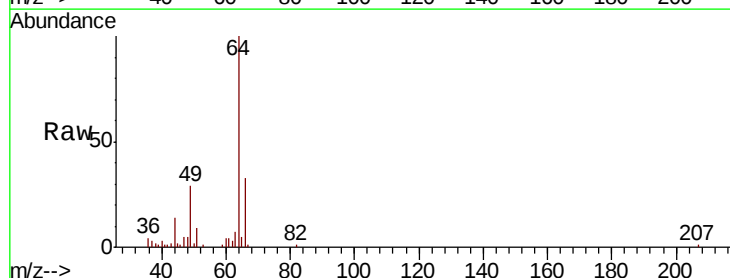
Instrument :
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VN0414WBSD01

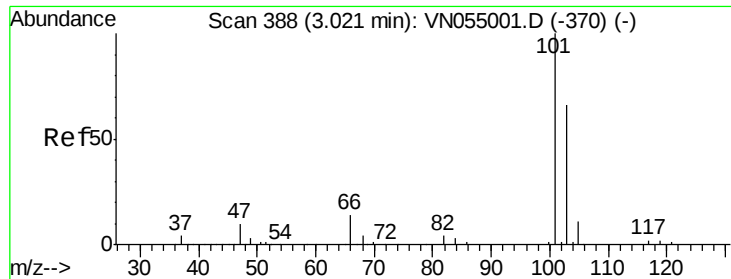
Tot Ion: 94 Resp: 54600
Ion Ratio Lower Upper
94 100
96 92.9 76.2 114.4



#6
Chloroethane
Concen: 19.684 ug/l
RT: 2.70 min Scan# 287
Delta R.T. -0.01 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion: 64 Resp: 52545
Ion Ratio Lower Upper
64 100
66 33.2 26.6 40.0



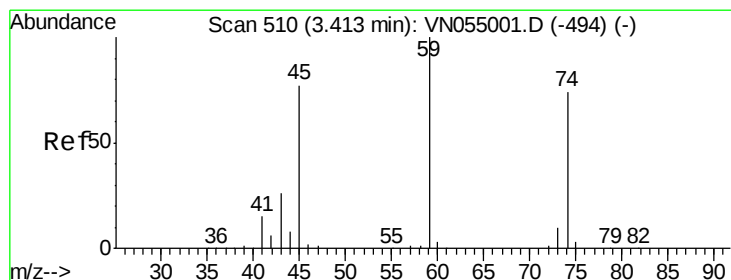
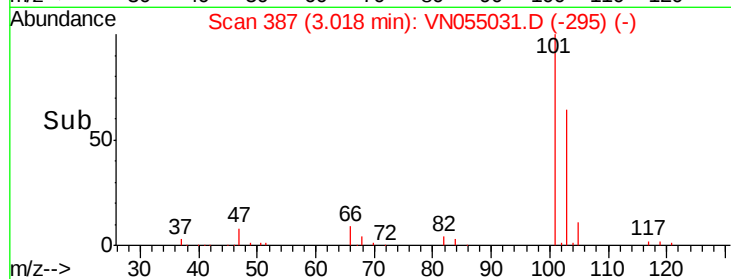
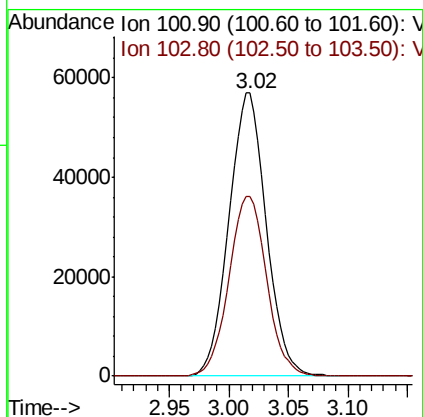
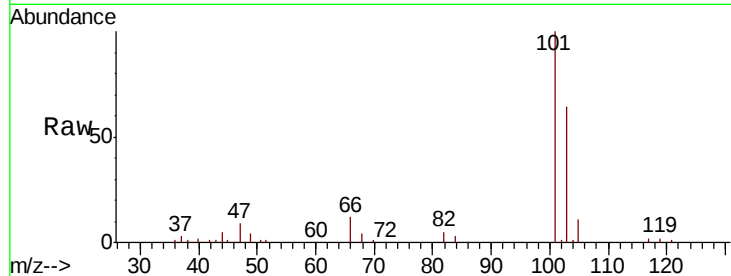


#7

Trichlorofluoromethane
 Concen: 20.377 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

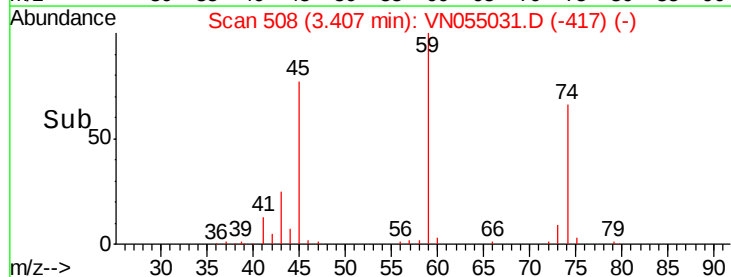
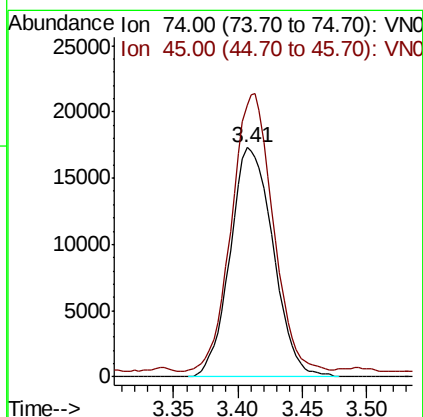
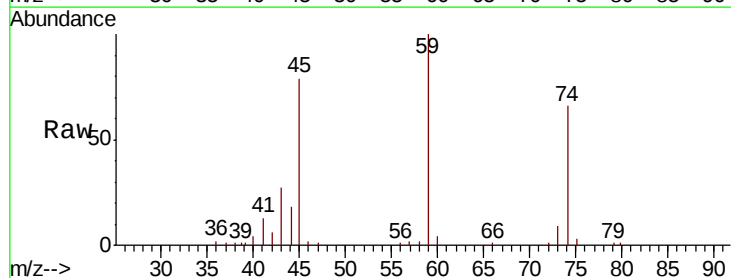
Tot Ion:101 Resp: 123726
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.5 78.7

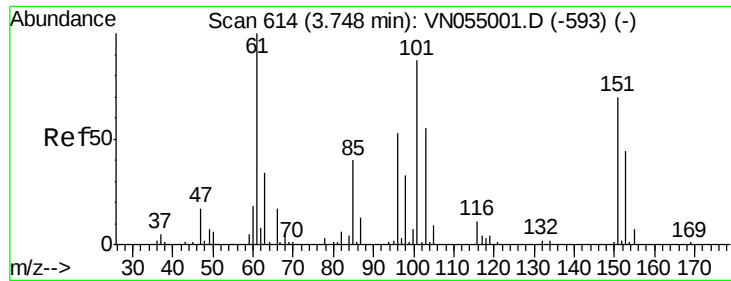


#8

Diethyl Ether
 Concen: 21.042 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

Tgt Ion: 74 Resp: 40181
 Ion Ratio Lower Upper
 74 100
 45 116.1 55.7 167.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.820 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

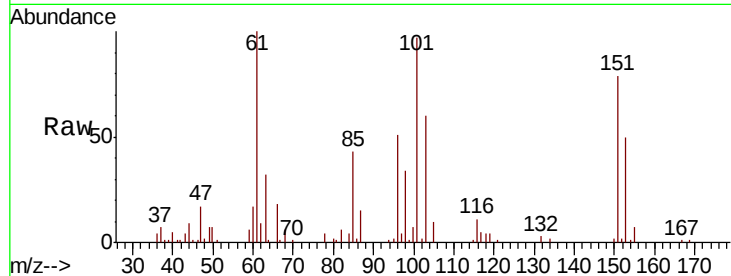
Tot Ion:101 Resp: 62770

Ion Ratio Lower Upper

101 100

85 45.9 36.9 55.3

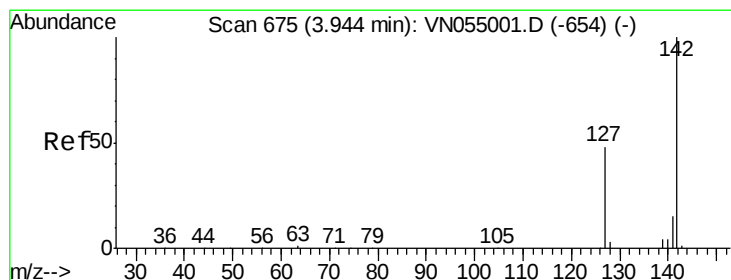
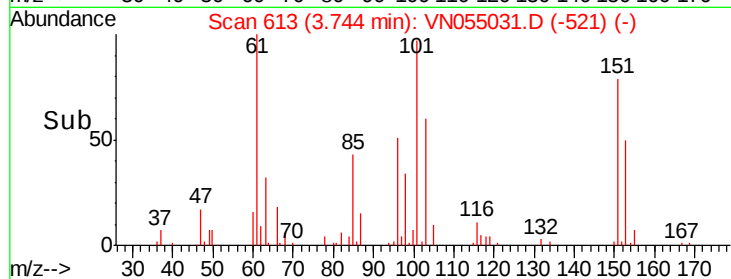
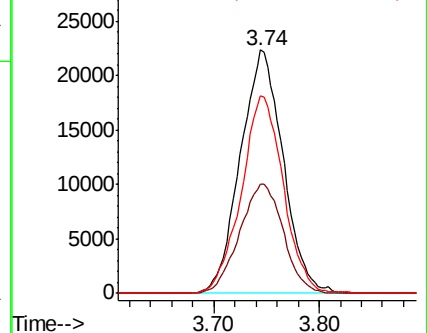
151 79.7 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.885 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

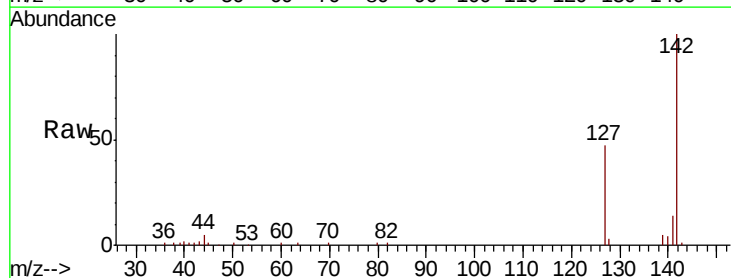
Tgt Ion:142 Resp: 90822

Ion Ratio Lower Upper

142 100

127 48.1 37.9 56.9

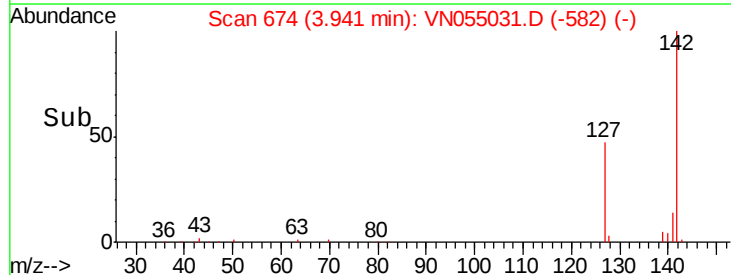
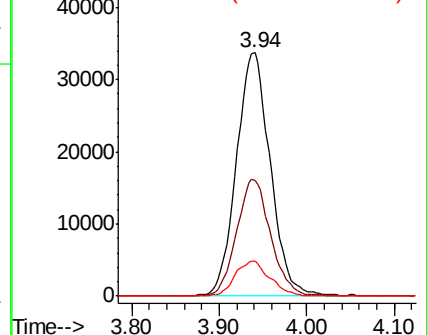
141 14.6 11.8 17.8

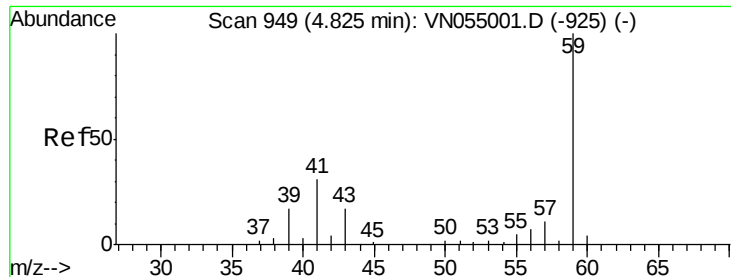


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

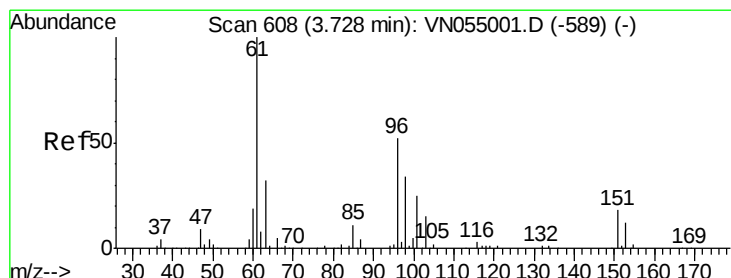
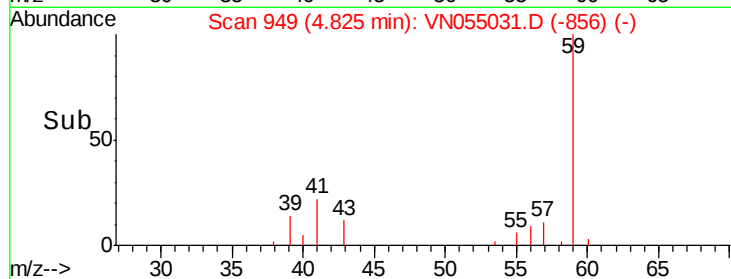
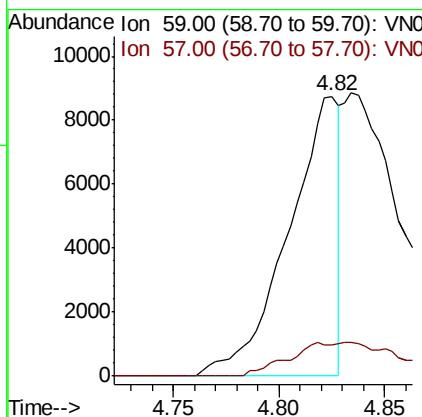
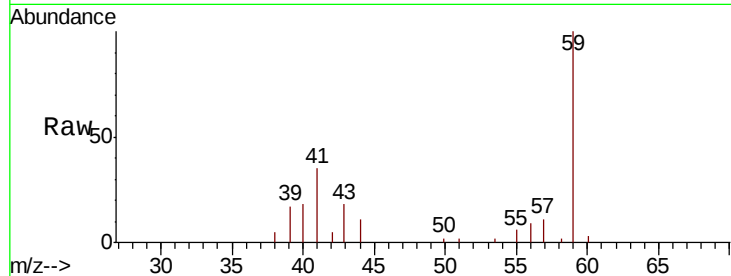




#11
Tert butyl alcohol
Concen: 46.734 ug/l
RT: 4.82 min Scan# 949
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

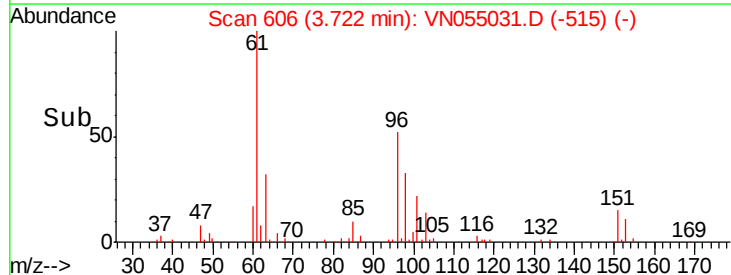
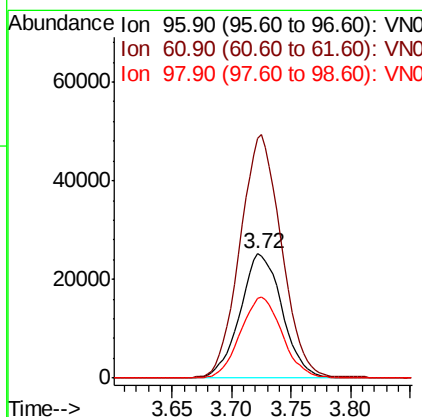
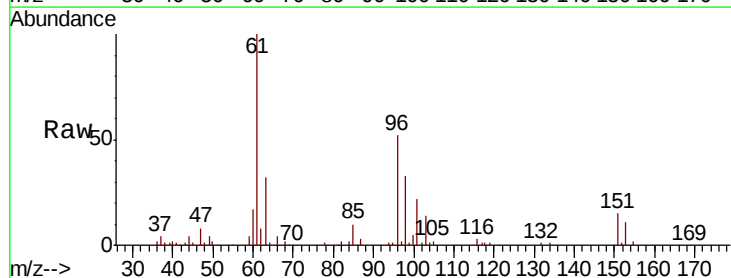
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

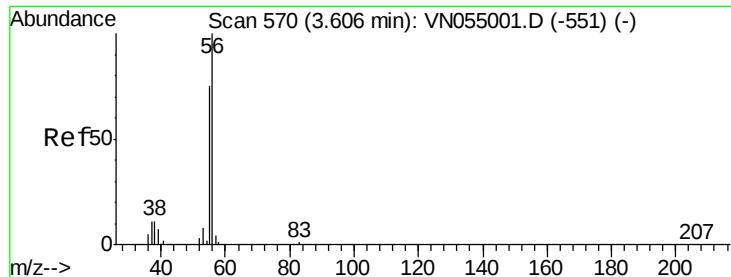
Tot Ion: 59 Resp: 14554
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 19.825 ug/l
RT: 3.72 min Scan# 606
Delta R.T. -0.01 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion: 96 Resp: 61815
Ion Ratio Lower Upper
96 100
61 193.6 154.2 231.4
98 63.9 52.9 79.3





#13

Acrolein

Concen: 100.132 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampled :

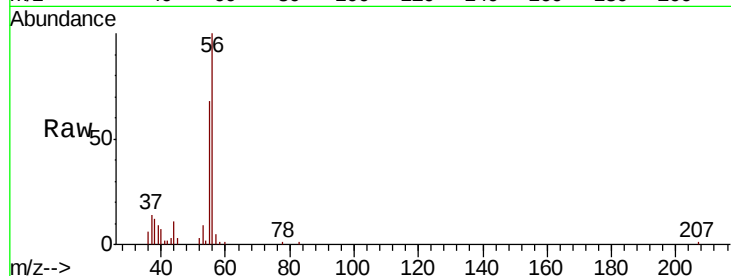
VN0414WBSD01

Tot Ion: 56 Resp: 37640

Ion Ratio Lower Upper

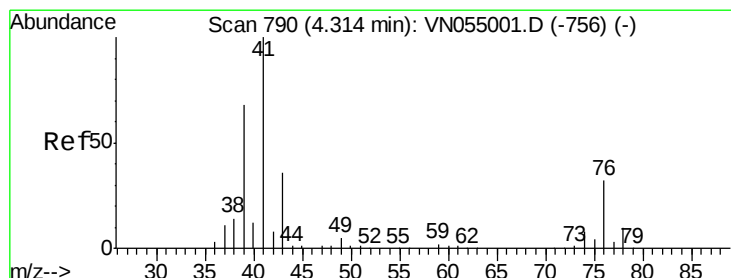
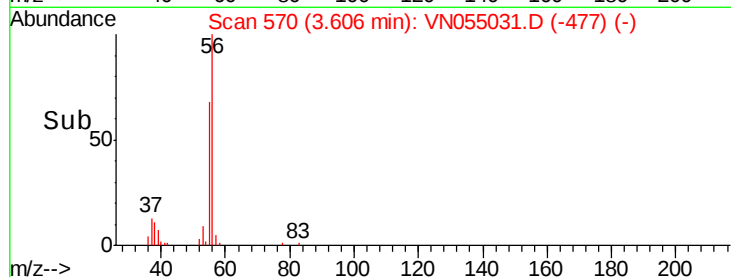
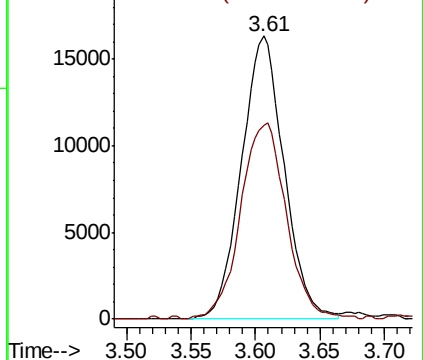
56 100

55 74.4 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.735 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

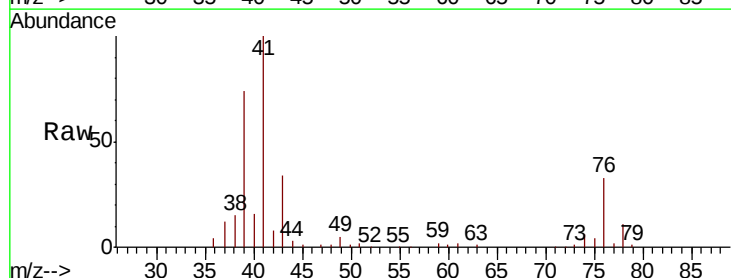
Tgt Ion: 41 Resp: 150352

Ion Ratio Lower Upper

41 100

39 70.3 52.7 79.1

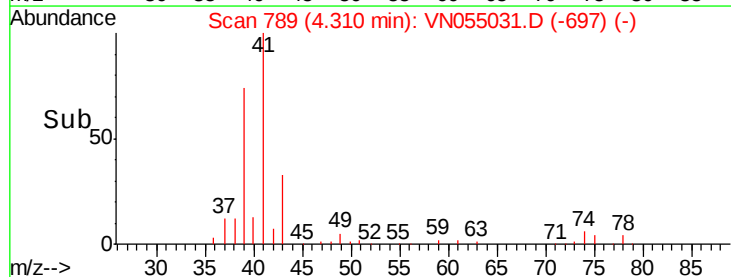
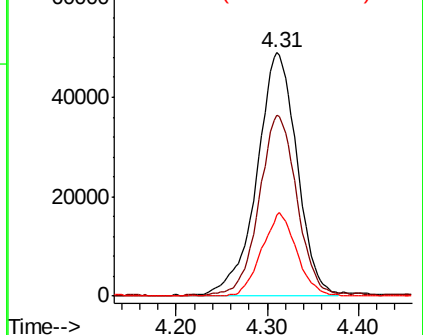
76 29.8 23.2 34.8

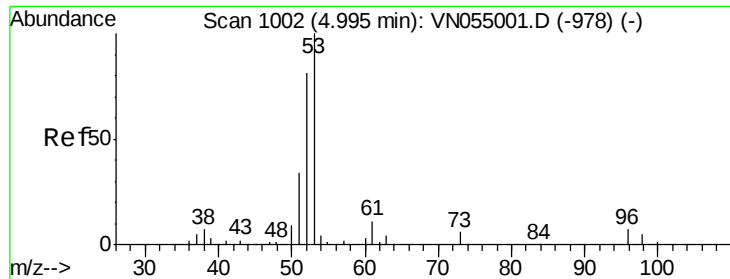


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

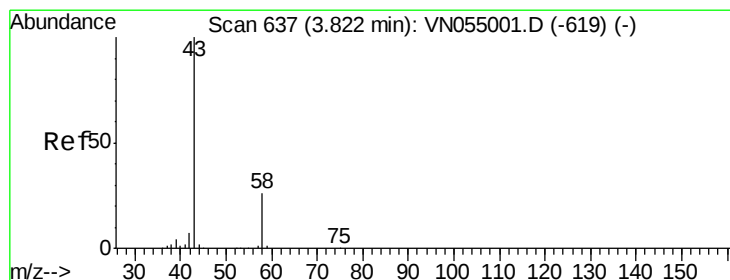
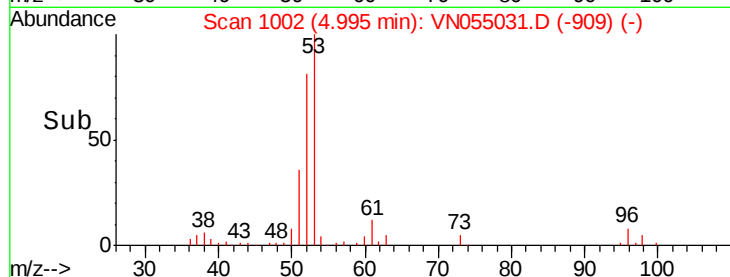
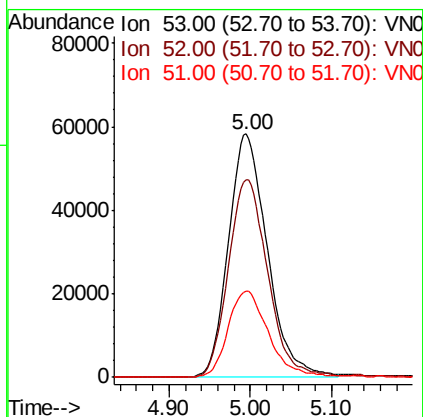
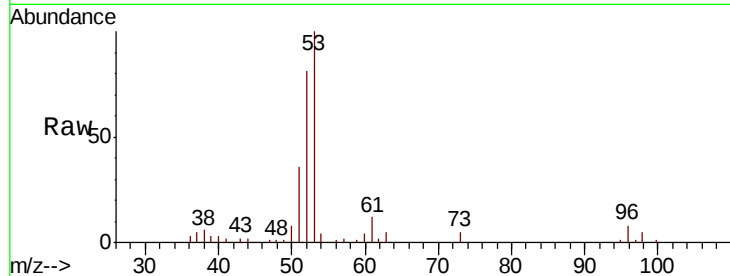




#15
 Acrylonitrile
 Concen: 112.918 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

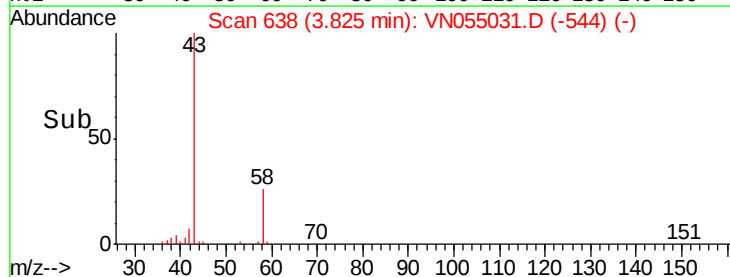
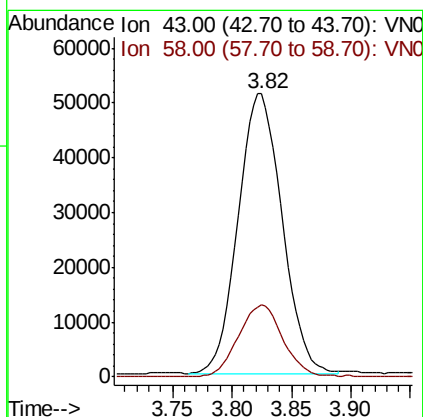
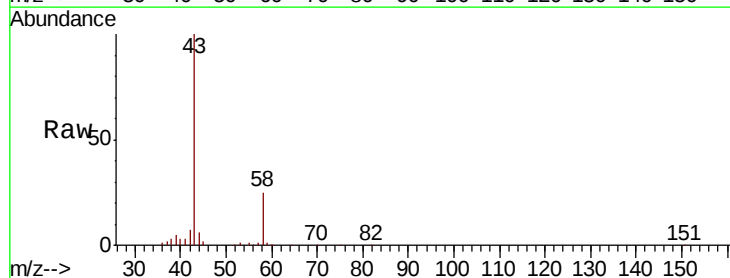
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

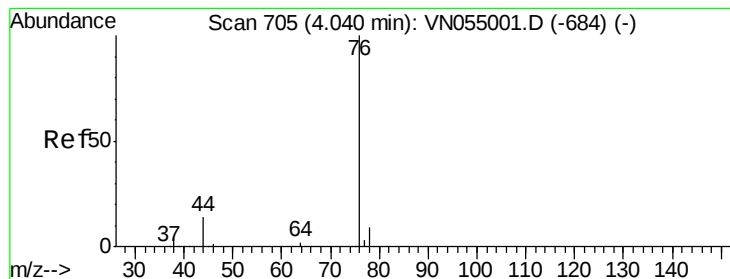
Tot Ion	53	Resp	193957
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.9	98.9
51	37.0	29.7	44.5



#16
 Acetone
 Concen: 93.797 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

Tgt Ion	43	Resp	130407
Ion	Ratio	Lower	Upper
43	100		
58	25.7	20.9	31.3





#17

Carbon Disulfide

Concen: 18.655 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.01 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

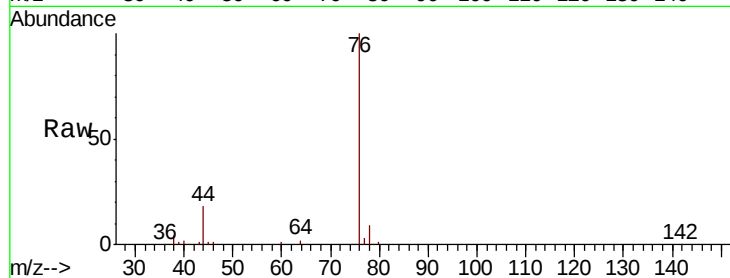
VN0414WBSD01

Tot Ion: 76 Resp: 189461

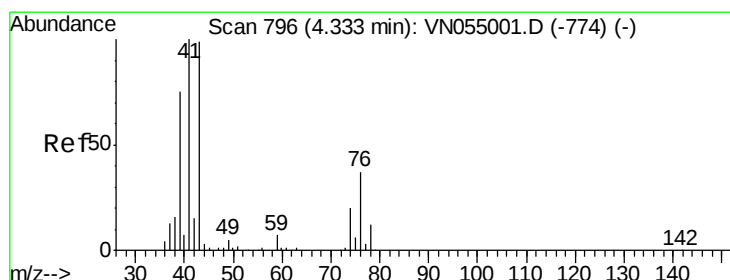
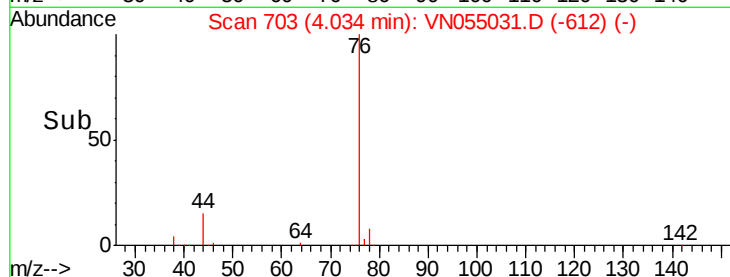
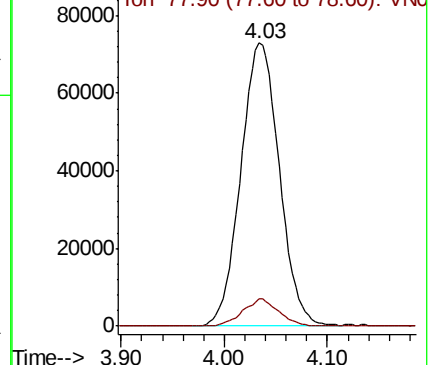
Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 21.429 ug/l

RT: 4.33 min Scan# 796

Delta R.T. -0.00 min

Lab File: VN055031.D

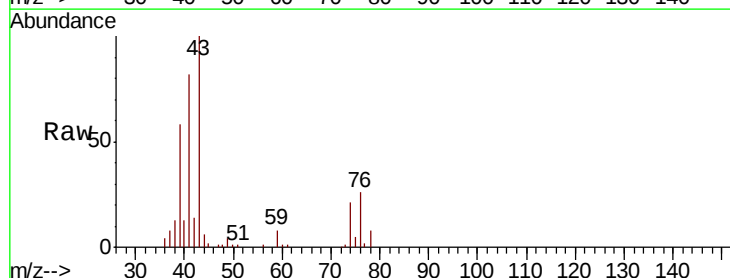
Acq: 13 Apr 2019 15:55

Tgt Ion: 43 Resp: 92351

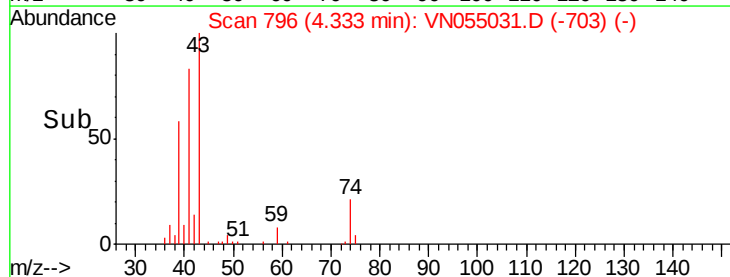
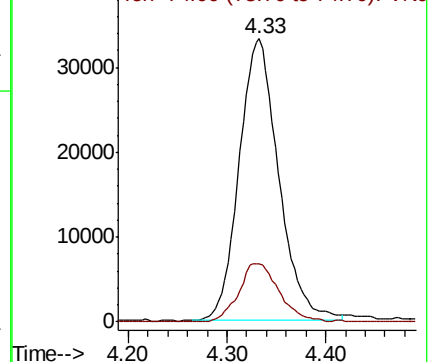
Ion Ratio Lower Upper

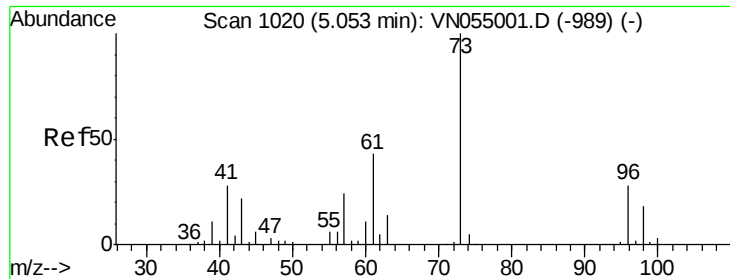
43 100

74 21.1 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

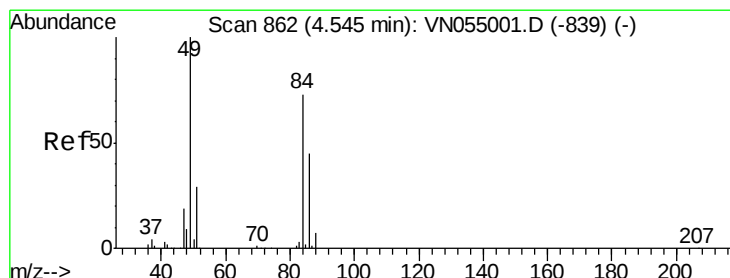
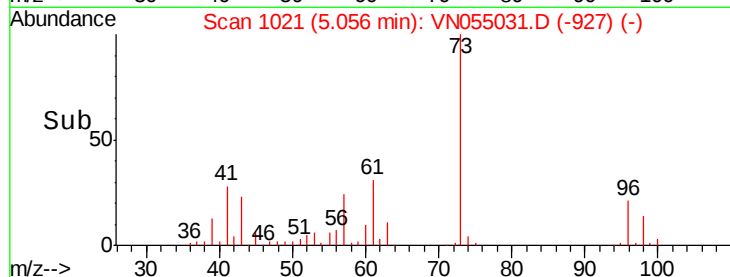
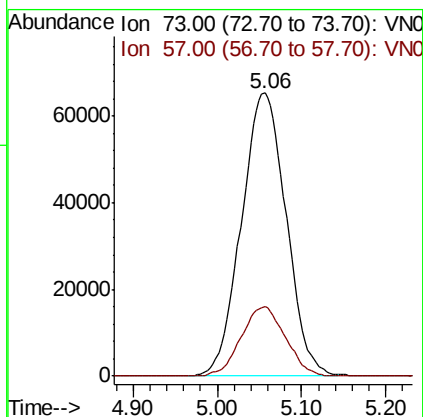
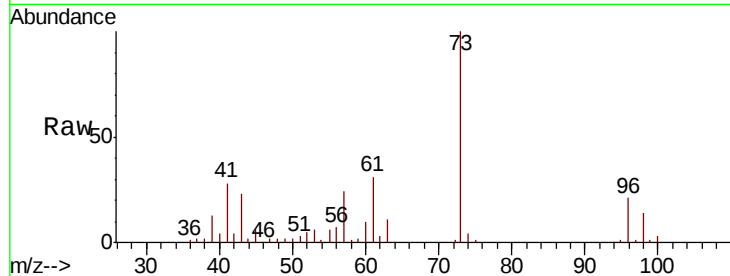




#19
Methyl tert-butyl Ether
Concen: 21.587 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

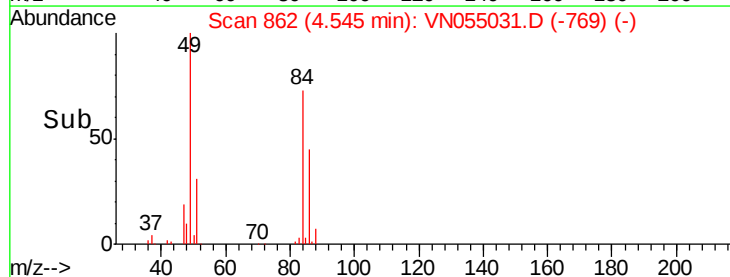
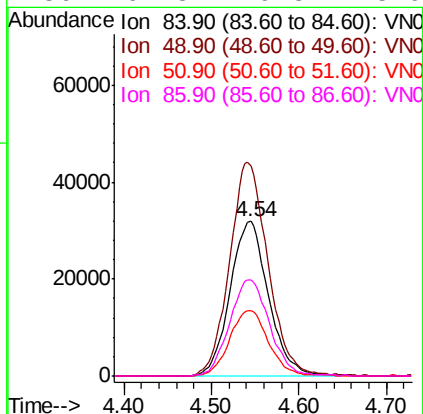
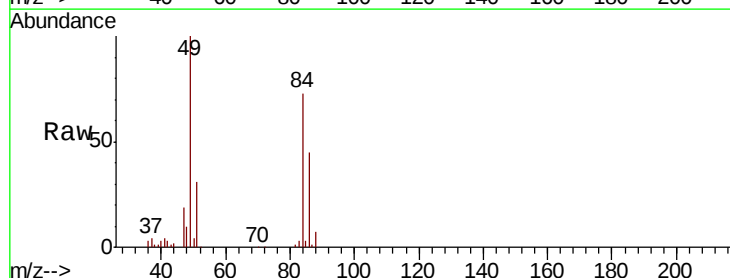
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

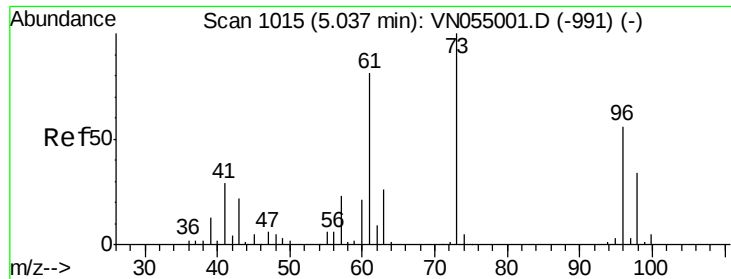
Tot Ion: 73 Resp: 240493
Ion Ratio Lower Upper
73 100
57 24.5 19.0 28.4



#20
Methylene Chloride
Concen: 20.662 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion: 84 Resp: 97249
Ion Ratio Lower Upper
84 100
49 136.1 109.4 164.2
51 42.1 32.2 48.4
86 61.8 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 20.238 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampled :

VN0414WBSD01

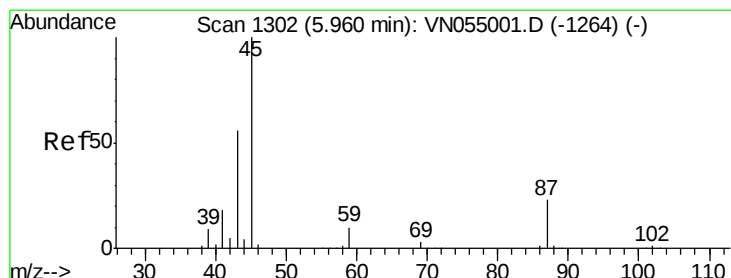
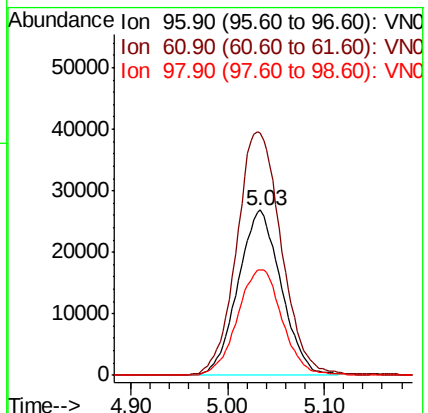
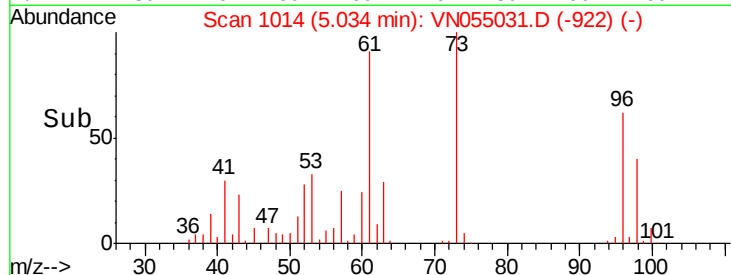
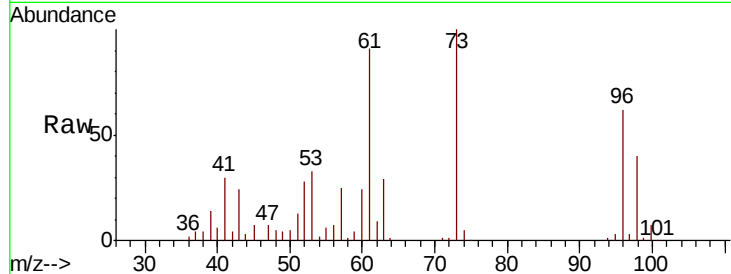
Tot Ion: 96 Resp: 83127

Ion Ratio Lower Upper

96 100

61 146.7 114.9 172.3

98 64.1 48.4 72.6



#22

Diisopropyl ether

Concen: 21.337 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Tgt Ion: 45 Resp: 329584

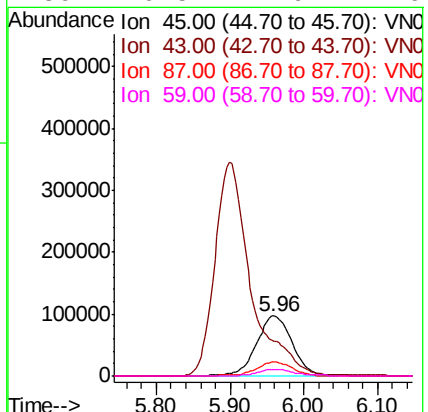
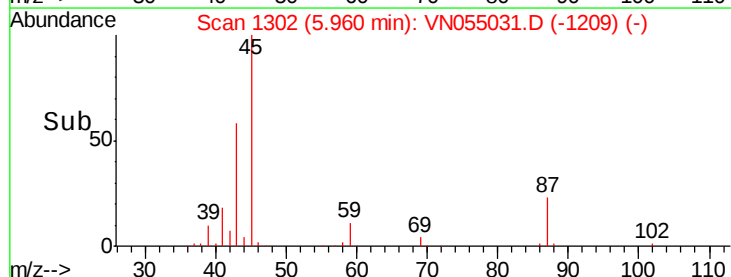
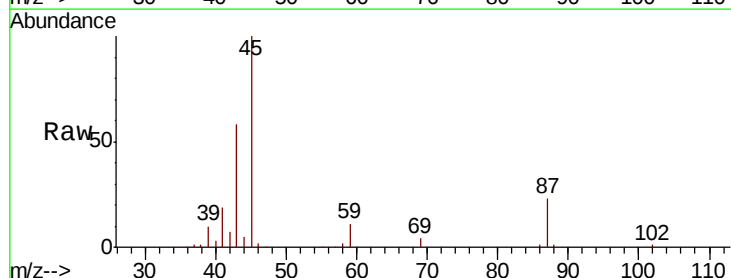
Ion Ratio Lower Upper

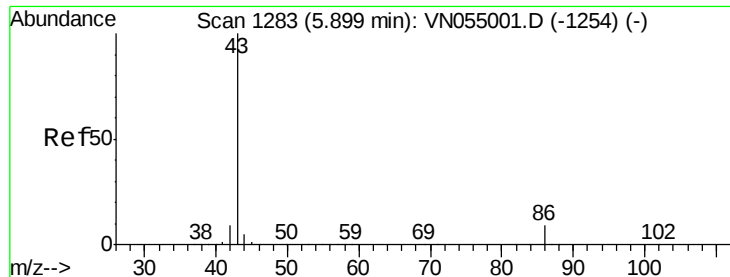
45 100

43 55.3 44.8 67.2

87 22.7 18.9 28.3

59 10.5 7.9 11.9





#23

Vinyl Acetate

Concen: 107.992 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

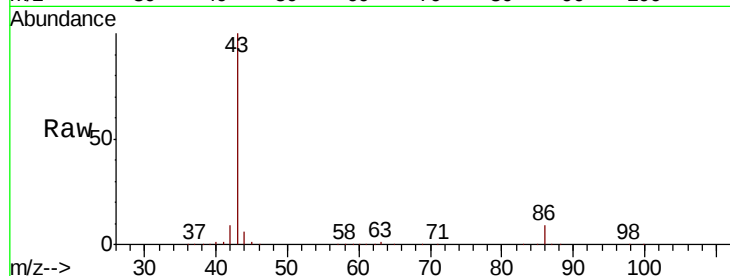
VN0414WBSD01

Tot Ion: 43 Resp: 1166728

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN055001.D (-1254) (-)

5.90

400000

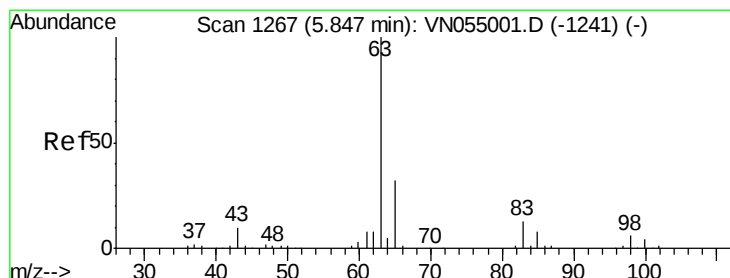
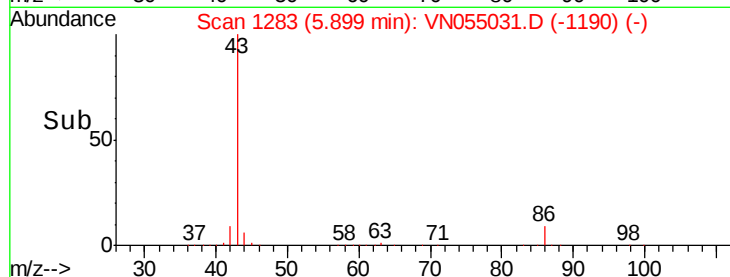
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.928 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

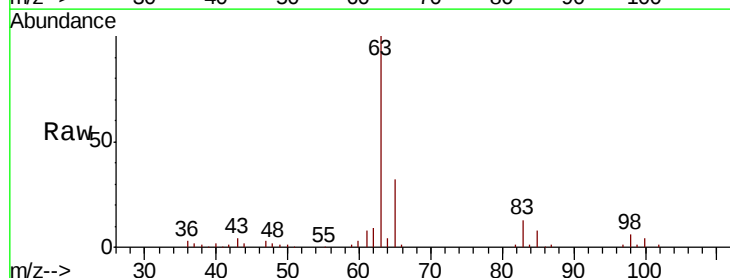
Tgt Ion: 63 Resp: 174592

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN055001.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055001.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055001.D (-1241) (-)

5.84

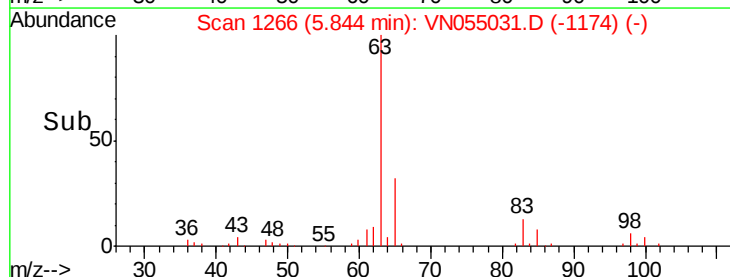
60000

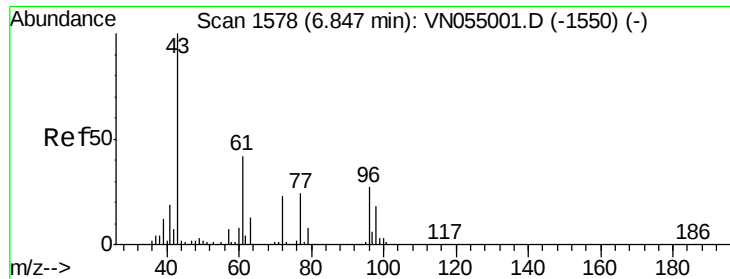
40000

20000

0

Time-->

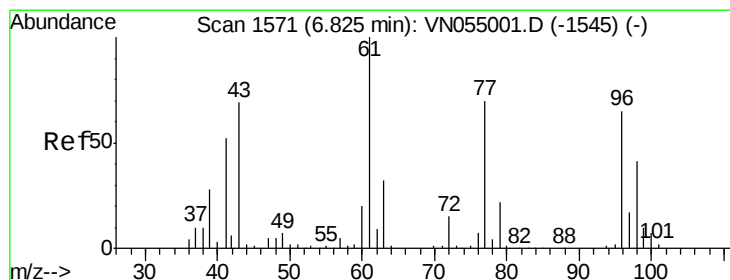
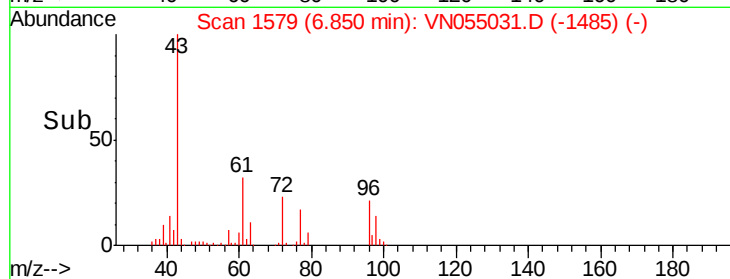
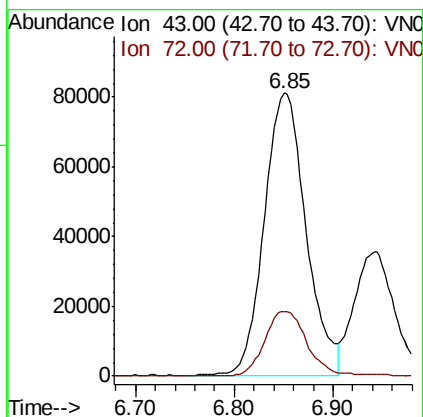
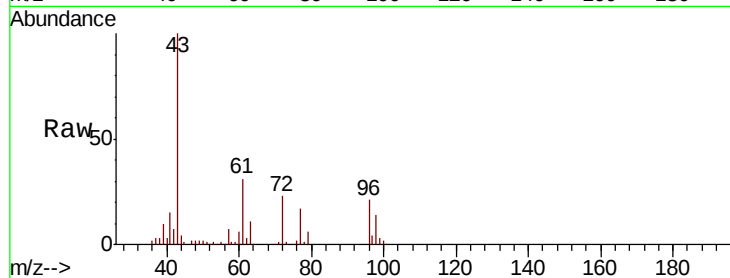




#25
2-Butanone
Concen: 110.917 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

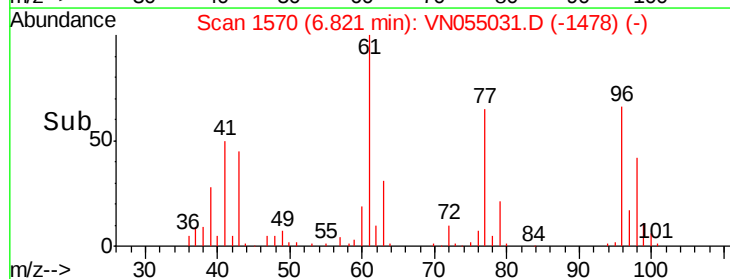
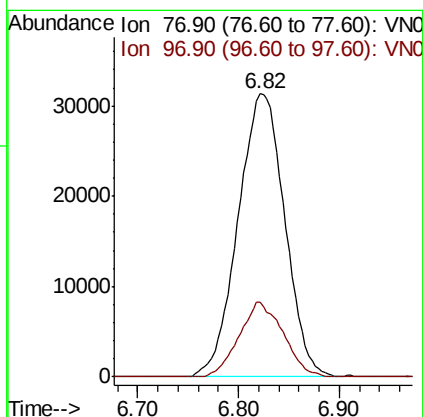
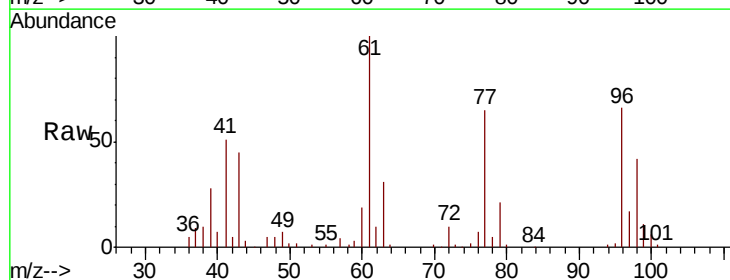
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

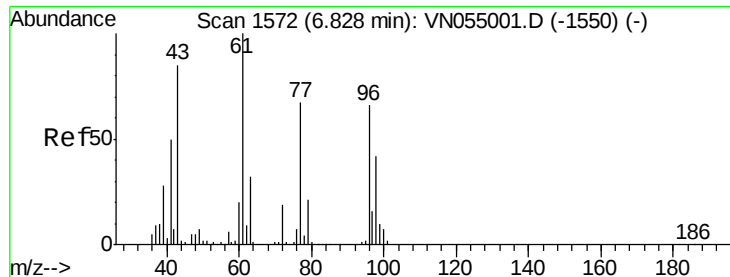
Tot Ion: 43 Resp: 237506
Ion Ratio Lower Upper
43 100
72 23.0 18.1 27.1



#26
2,2-Dichloropropane
Concen: 18.233 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion: 77 Resp: 100633
Ion Ratio Lower Upper
77 100
97 25.0 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.322 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

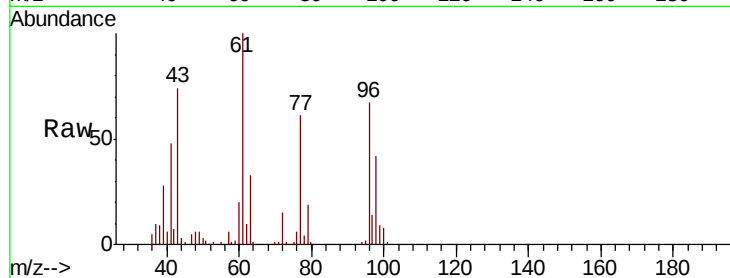
Tot Ion: 96 Resp: 96973

Ion Ratio Lower Upper

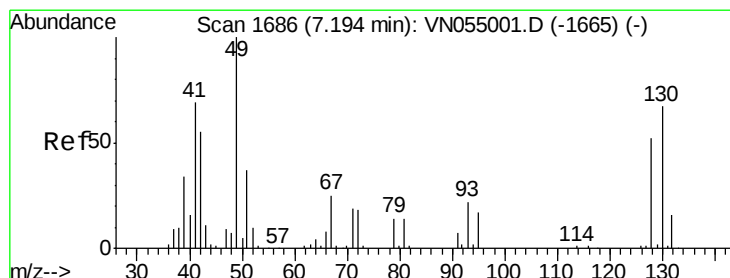
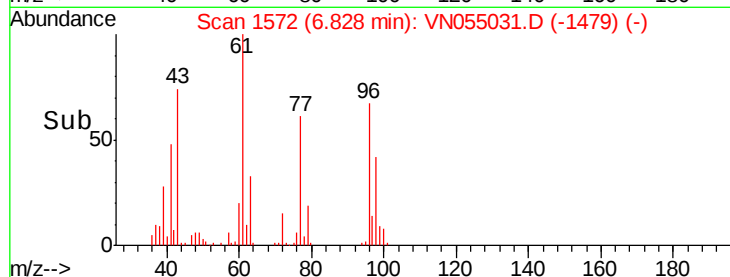
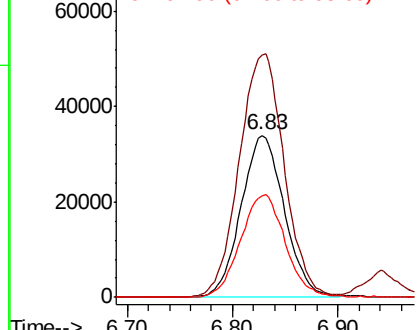
96 100

61 156.3 0.0 311.0

98 65.5 0.0 127.4



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



#28

Bromochloromethane

Concen: 22.483 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

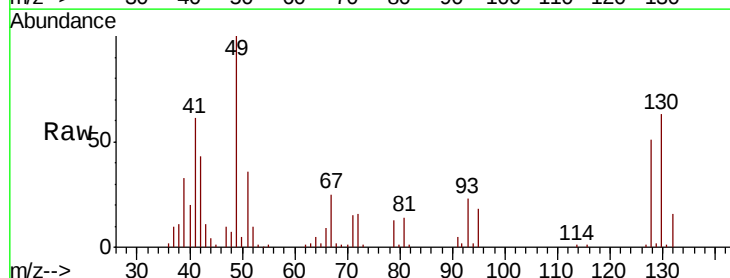
Tgt Ion: 49 Resp: 88992

Ion Ratio Lower Upper

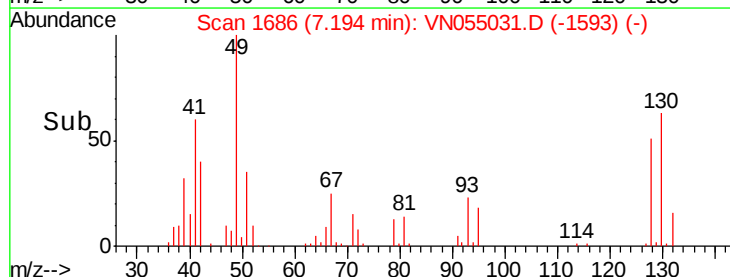
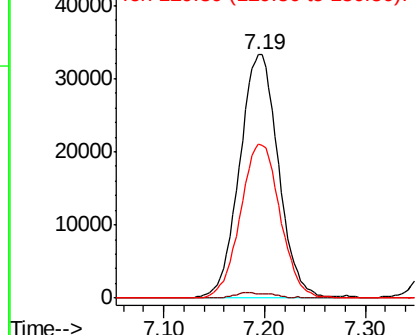
49 100

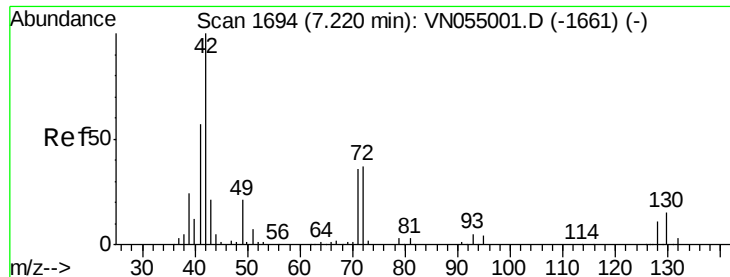
129 2.0 0.0 2.0

130 64.4 53.4 80.2



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

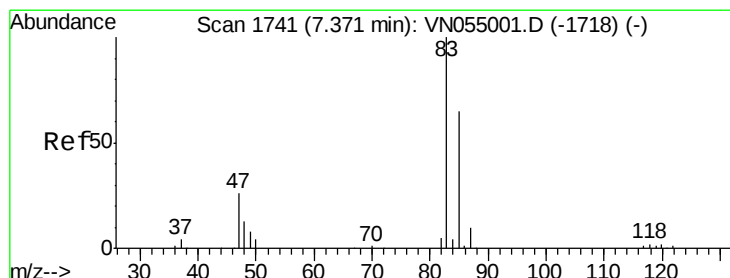
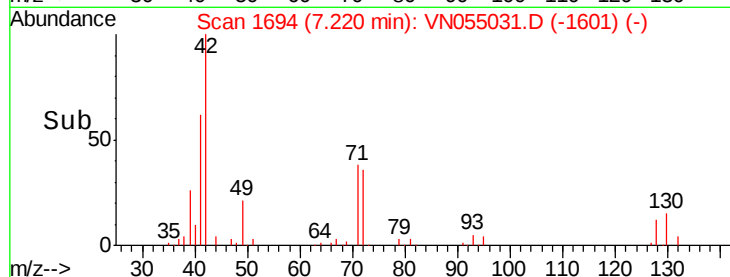
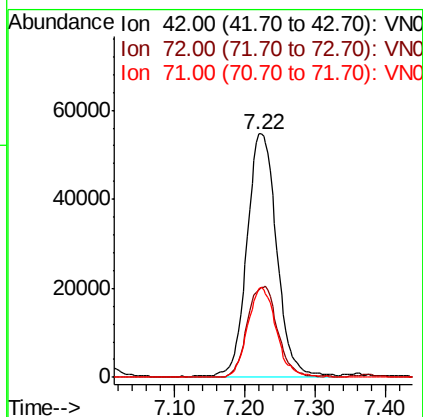
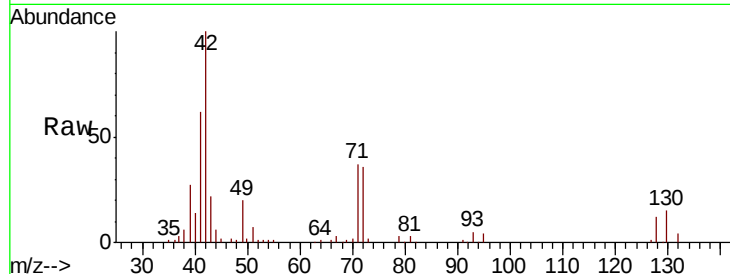




#29
Tetrahydrofuran
Concen: 115.443 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

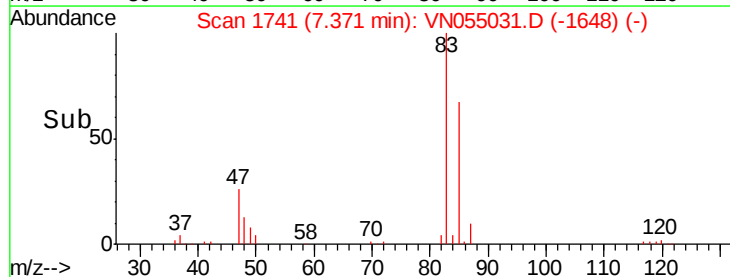
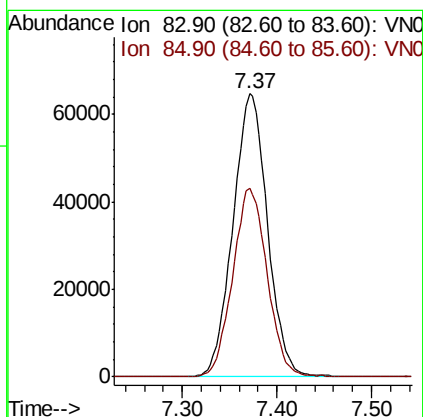
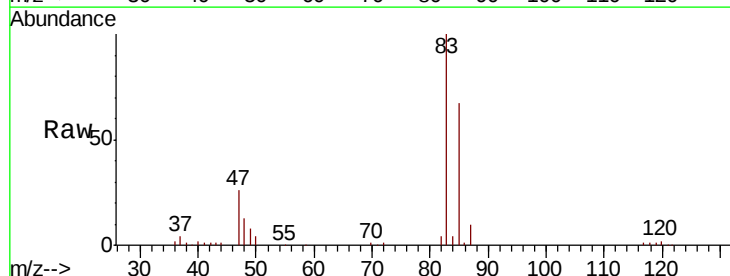
Instrument :
MSVOA_N
ClientSampled :
VN0414WBSD01

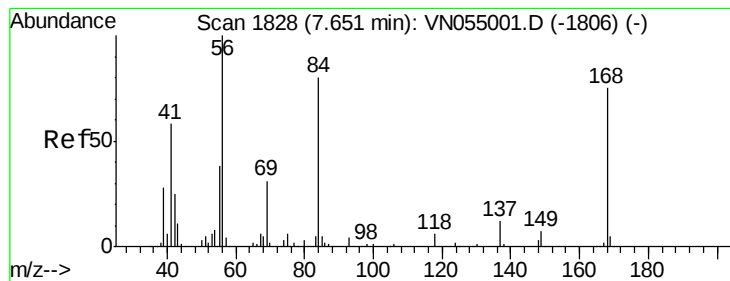
Tot Ion: 42 Resp: 162047
Ion Ratio Lower Upper
42 100
72 37.8 29.4 44.0
71 35.2 27.8 41.6



#30
Chloroform
Concen: 20.652 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion: 83 Resp: 164295
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.6





#31

Cyclohexane

Concen: 19.505 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

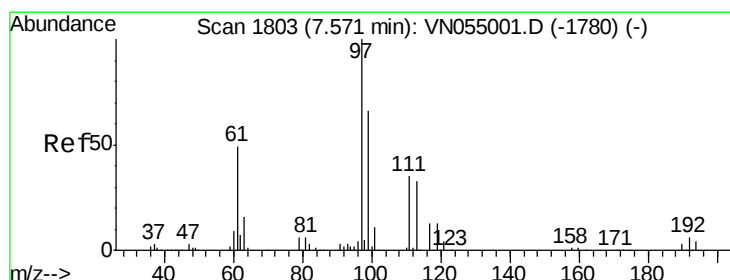
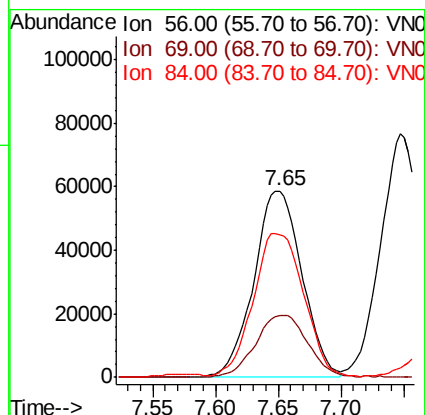
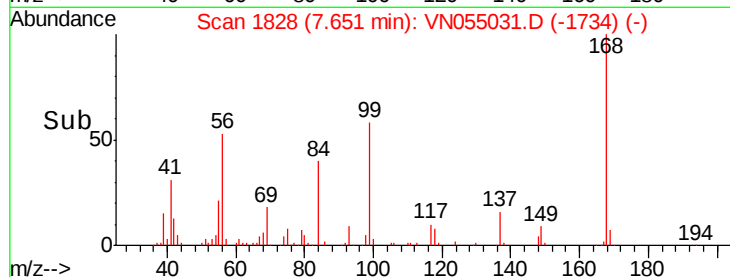
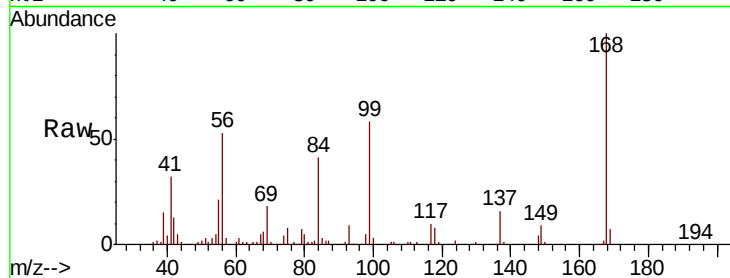
Tot Ion: 56 Resp: 156956

Ion Ratio Lower Upper

56 100

69 32.8 24.5 36.7

84 75.3 62.9 94.3



#32

1,1,1-Trichloroethane

Concen: 20.837 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

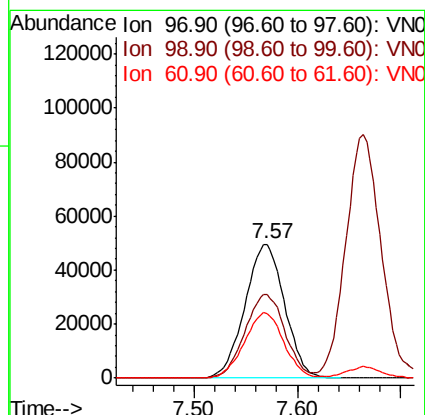
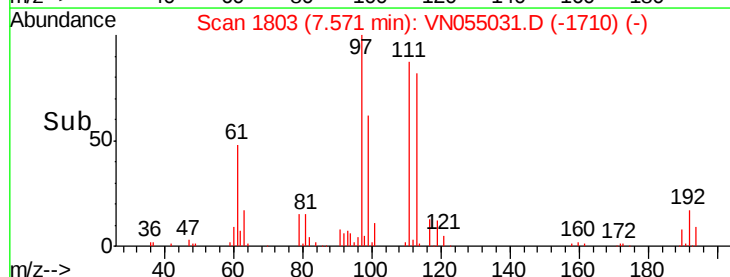
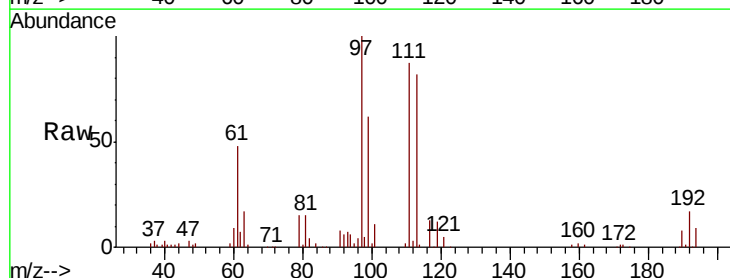
Tgt Ion: 97 Resp: 132057

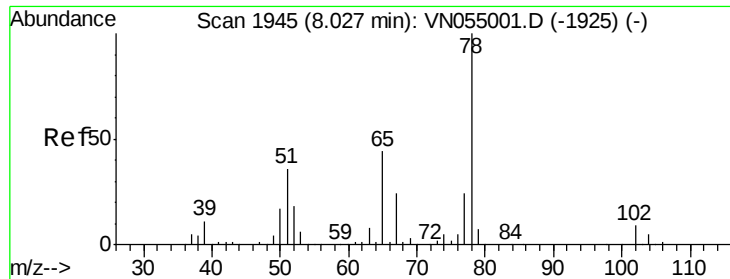
Ion Ratio Lower Upper

97 100

99 63.2 51.6 77.4

61 48.7 38.3 57.5

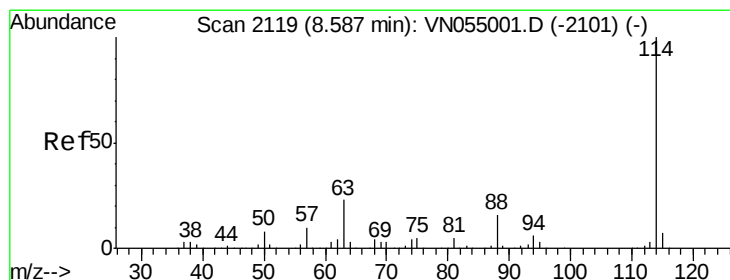
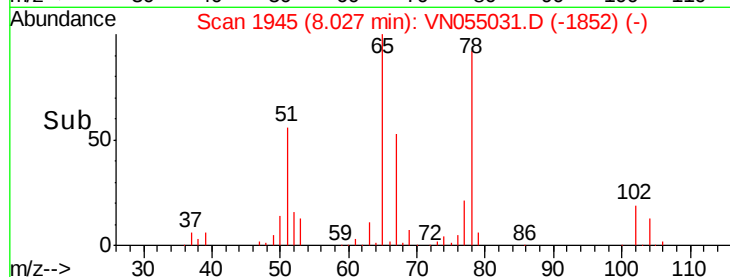
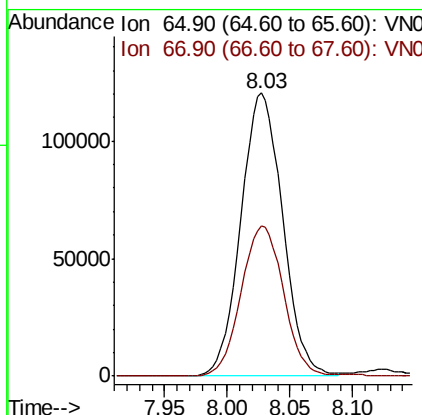
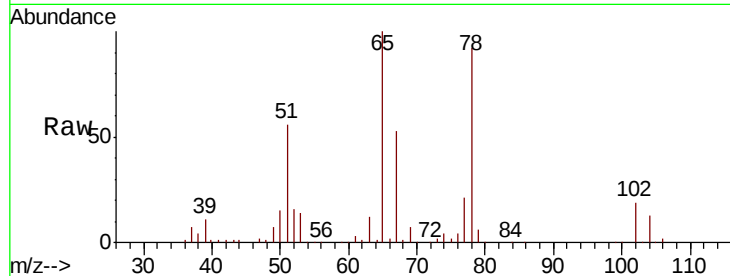




#33
 1,2-Dichloroethane-d4
 Concen: 55.087 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

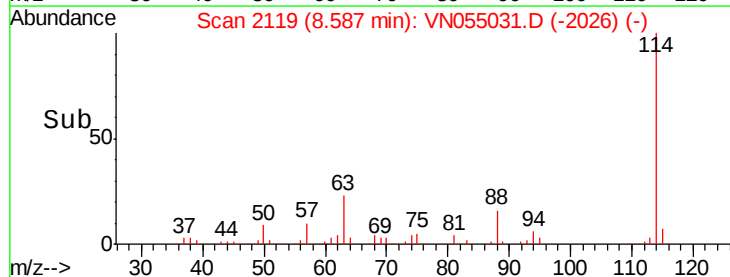
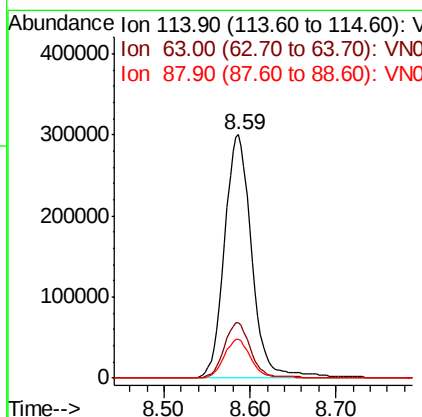
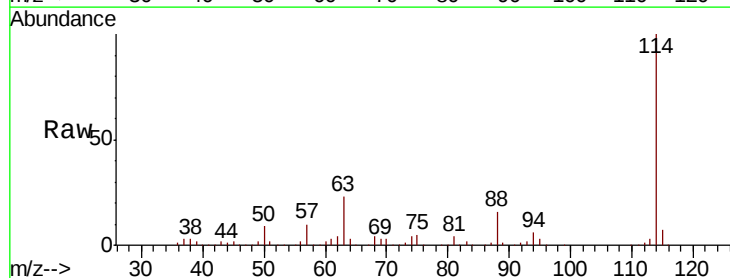
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

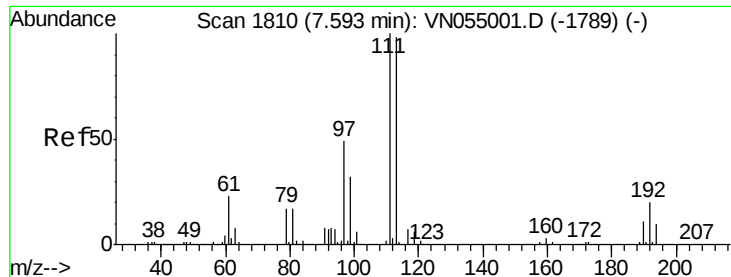
Tot Ion: 65 Resp: 278792
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

Tgt Ion: 114 Resp: 661965
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.459 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

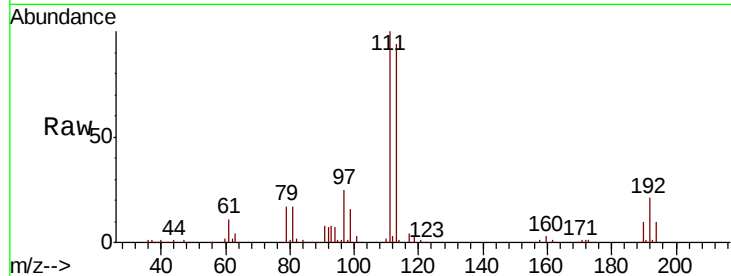
Tot Ion:113 Resp: 221370

Ion Ratio Lower Upper

113 100

111 104.6 82.1 123.1

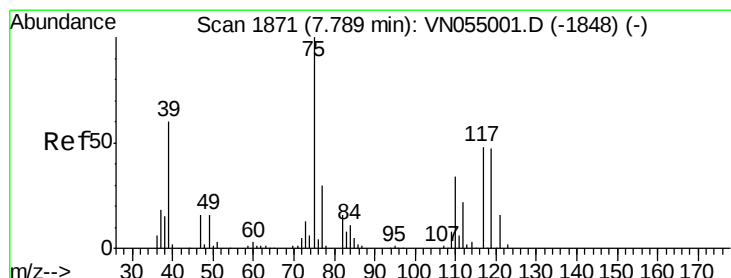
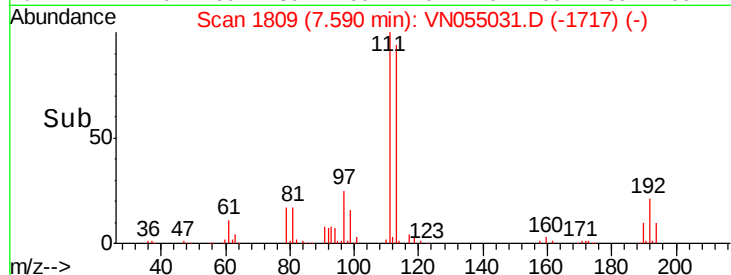
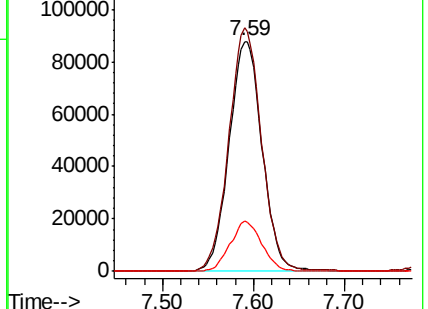
192 20.8 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.485 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

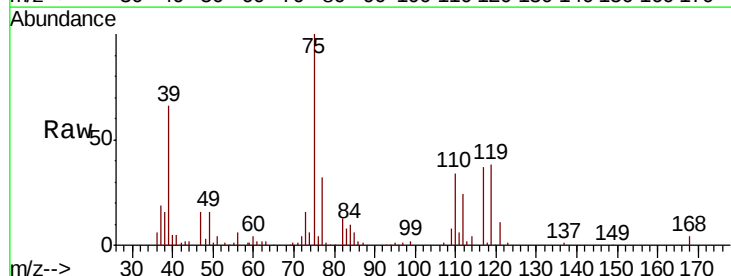
Tgt Ion: 75 Resp: 119206

Ion Ratio Lower Upper

75 100

110 34.2 17.5 52.5

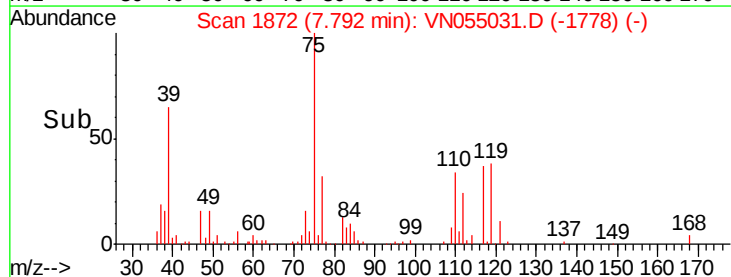
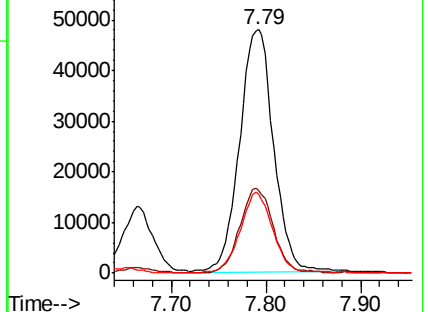
77 32.3 24.9 37.3

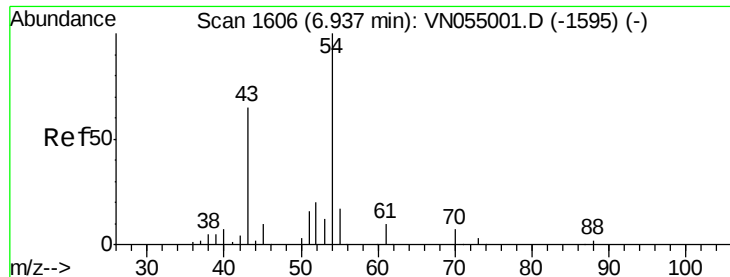


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

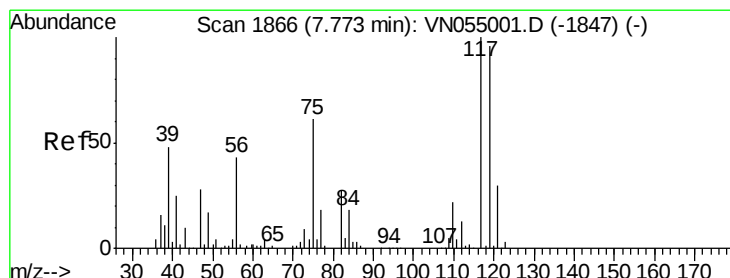
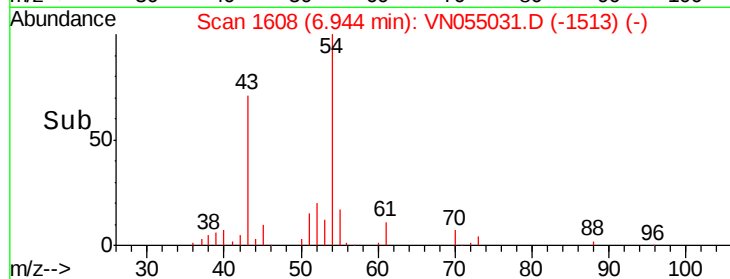
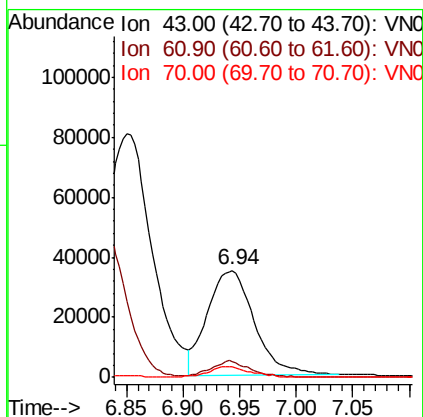
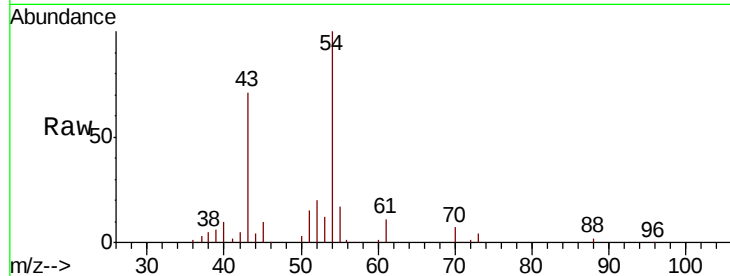




#37
Ethyl Acetate
Concen: 21.971 ug/l
RT: 6.94 min Scan# 1608
Delta R.T. 0.01 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

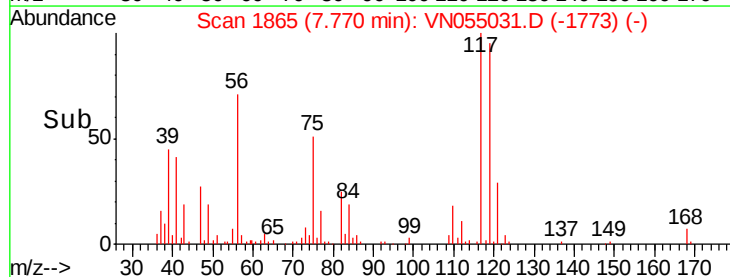
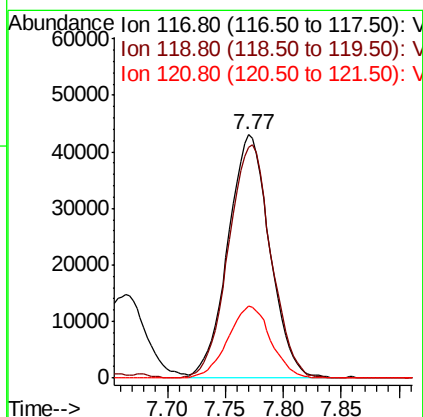
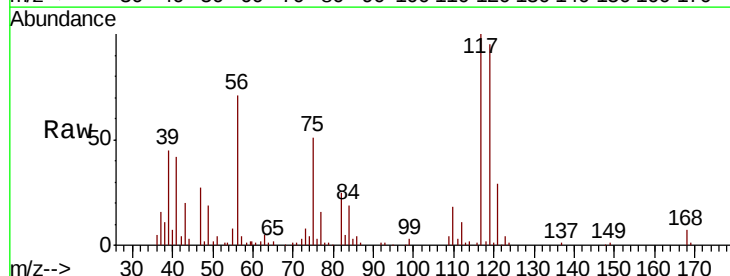
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

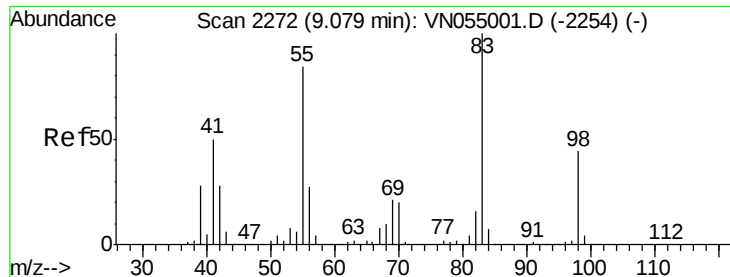
Tot Ion: 43 Resp: 100909
Ion Ratio Lower Upper
43 100
61 13.3 10.0 15.0
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.710 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion: 117 Resp: 107749
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5
121 29.5 23.9 35.9

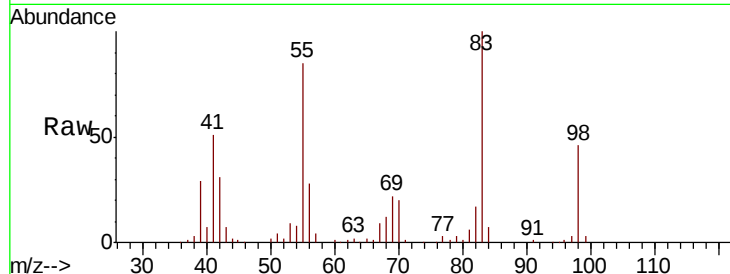




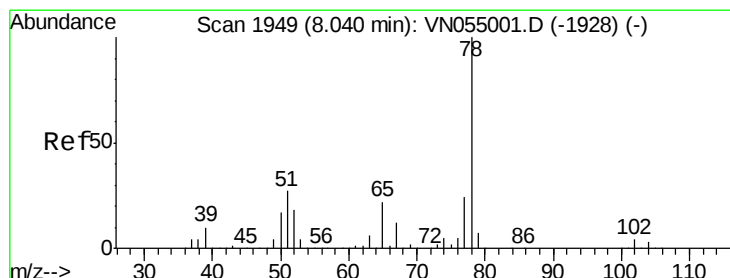
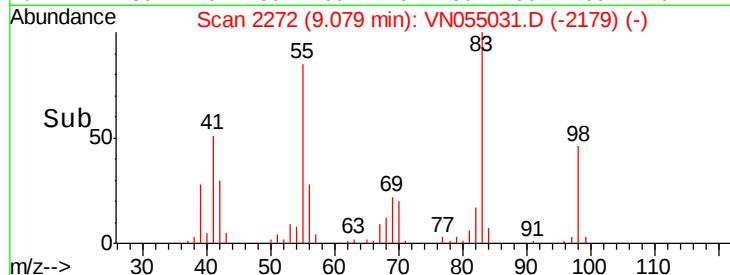
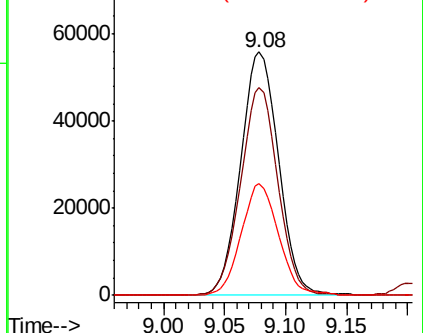
#39
Methvlcvclohexane
Concen: 17.130 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Instrument :
MSVOA_N
ClientSampled :
VN0414WBSD01

Tot Ion: 83 Resp: 119980
Ion Ratio Lower Upper
83 100
55 85.4 67.0 100.4
98 45.9 35.6 53.4

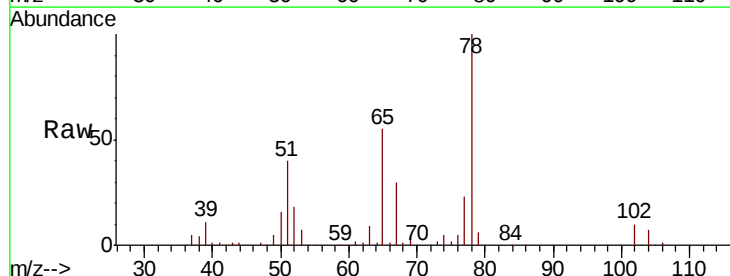


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

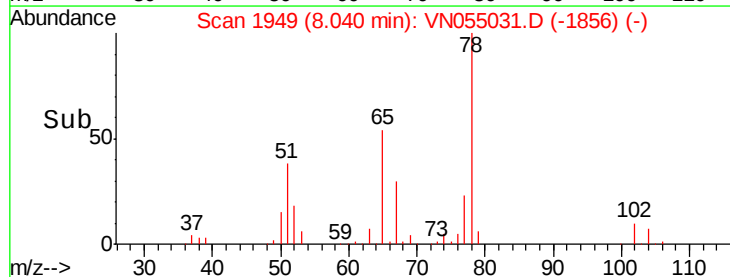
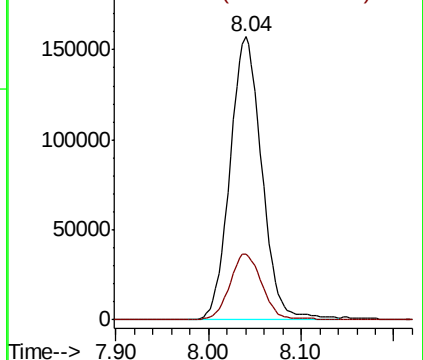


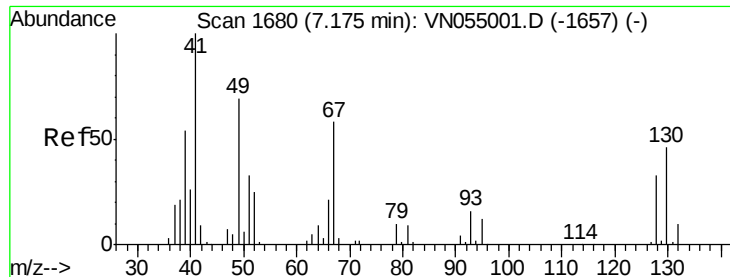
#40
Benzene
Concen: 20.268 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion: 78 Resp: 374885
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



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

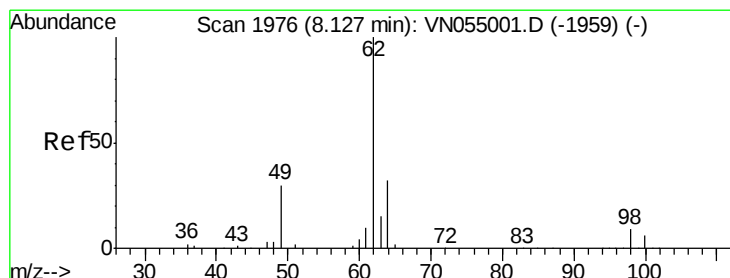
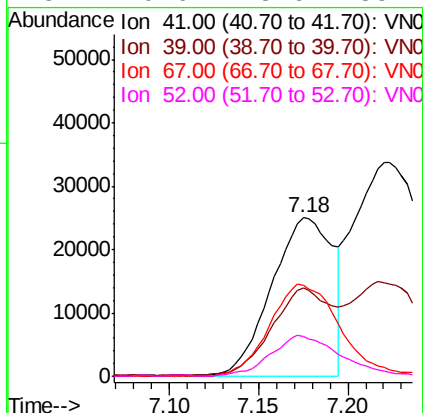
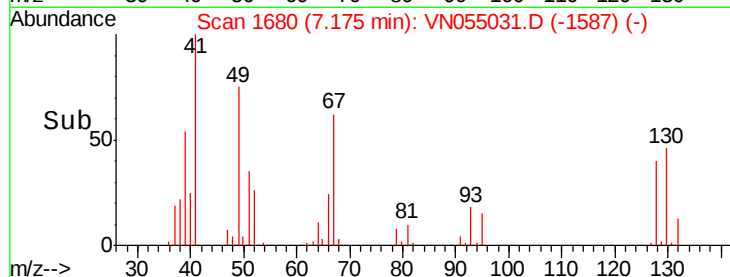
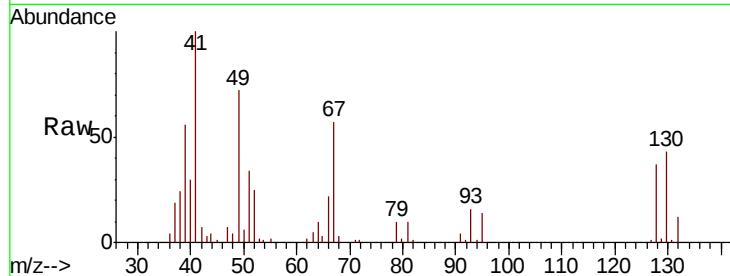




#41
Methacrylonitrile
Concen: 21.098 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

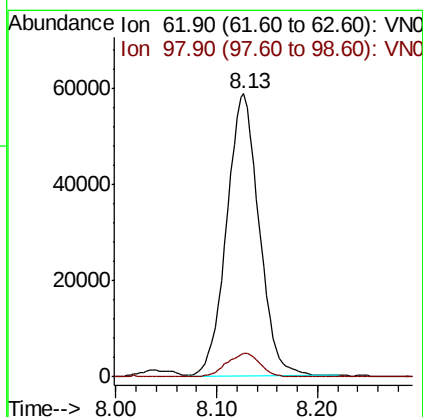
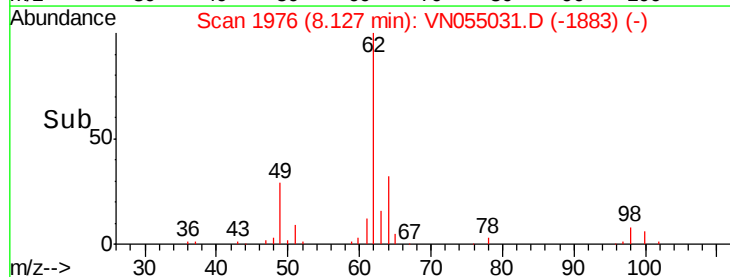
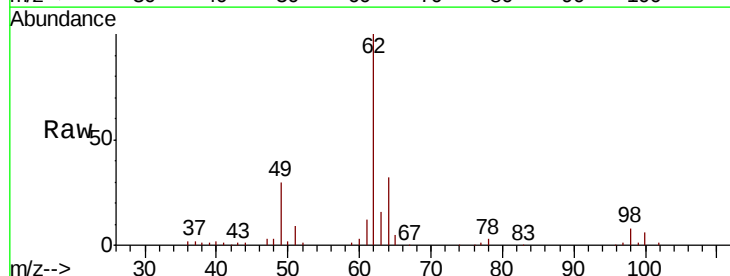
Instrument :
MSVOA_N
ClientSampled :
VN0414WBSD01

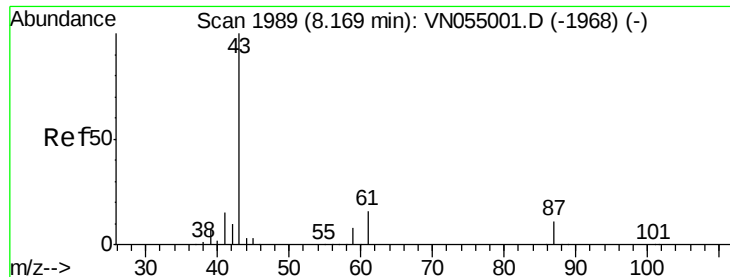
Tot Ion: 41 Resp: 59625
Ion Ratio Lower Upper
41 100
39 53.2 45.6 68.4
67 66.7 57.0 85.6
52 29.6 23.6 35.4



#42
1,2-Dichloroethane
Concen: 20.240 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion: 62 Resp: 131697
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4





#43

Isopropyl Acetate

Concen: 21.651 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleID :

VN0414WBSD01

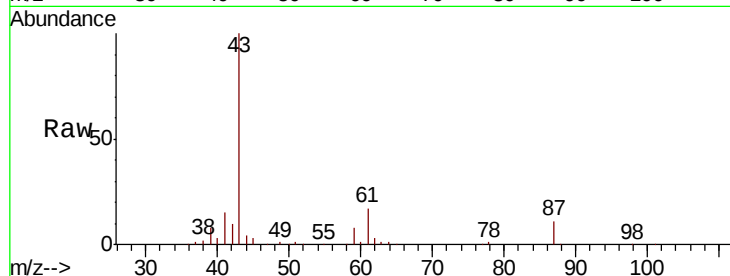
Tot Ion: 43 Resp: 170029

Ion Ratio Lower Upper

43 100

61 17.9 14.3 21.5

87 11.1 8.6 13.0

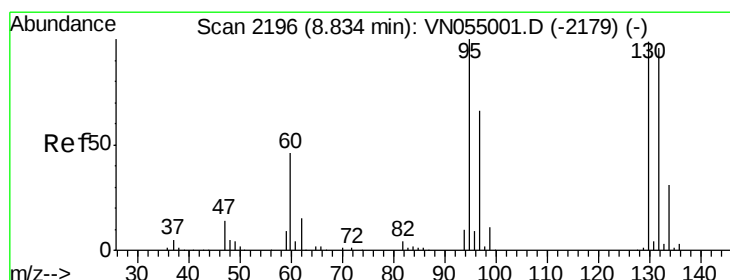
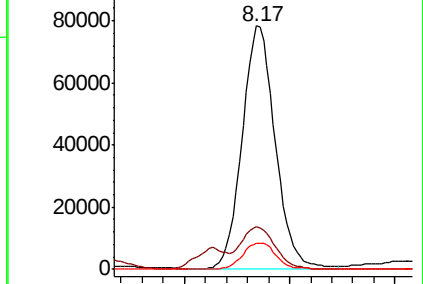
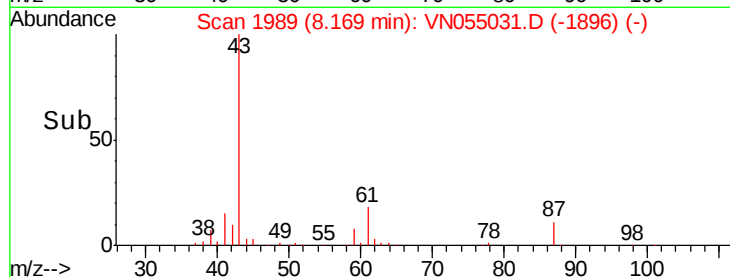


Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055001.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055001.D (-1968) (-)

Time-->



#44

Trichloroethene

Concen: 19.444 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055031.D

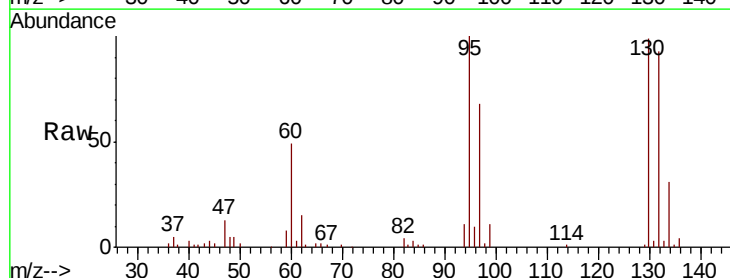
Acq: 13 Apr 2019 15:55

Tgt Ion: 130 Resp: 91908

Ion Ratio Lower Upper

130 100

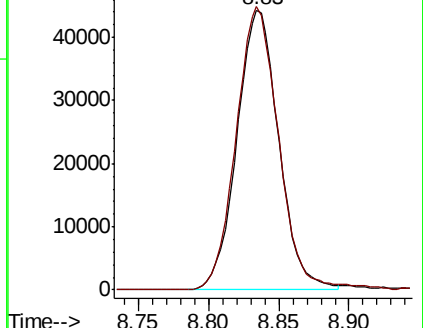
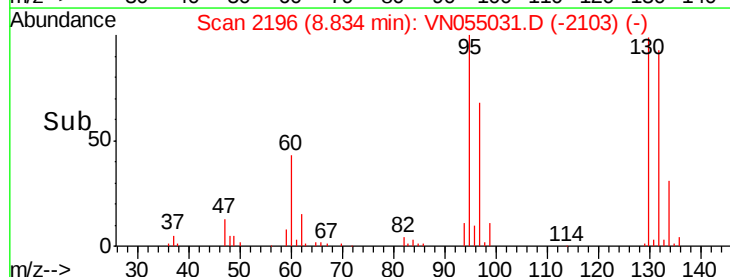
95 101.1 0.0 201.6

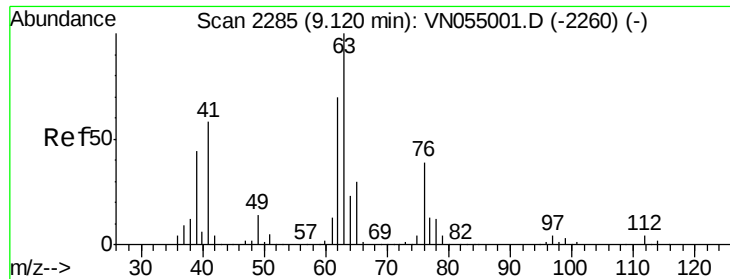


Abundance Ion 129.80 (129.50 to 130.50): VN055001.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055001.D (-2179) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 20.293 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

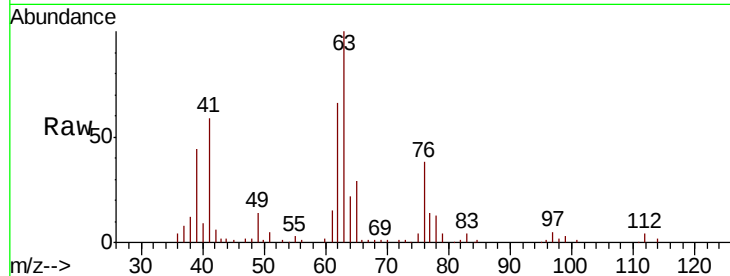
VN0414WBSD01

Tot Ion: 63 Resp: 105922

Ion Ratio Lower Upper

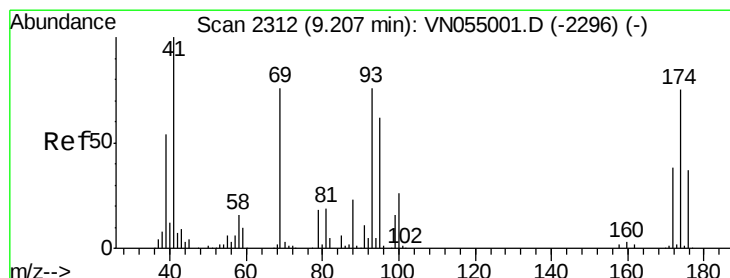
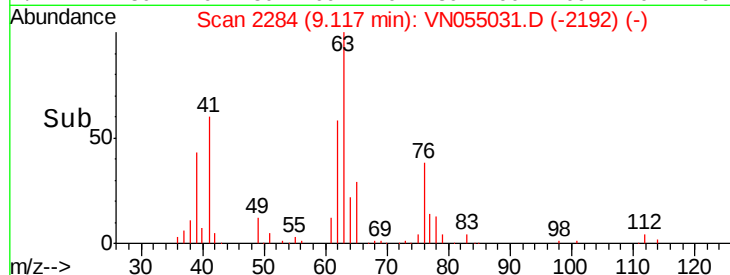
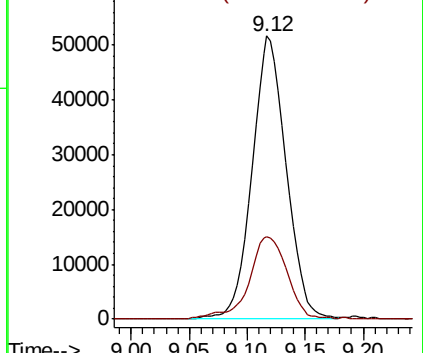
63 100

65 28.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.254 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

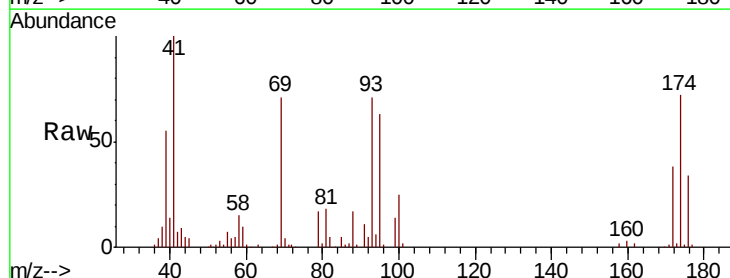
Tgt Ion: 93 Resp: 60576

Ion Ratio Lower Upper

93 100

95 84.8 65.0 97.6

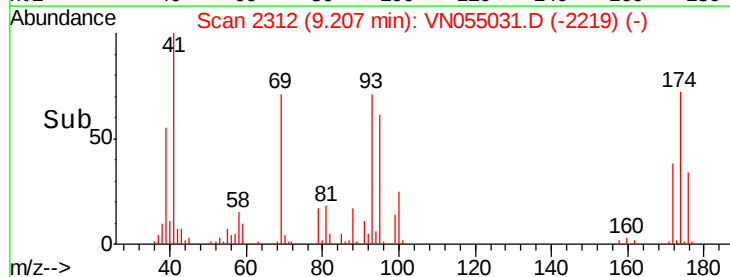
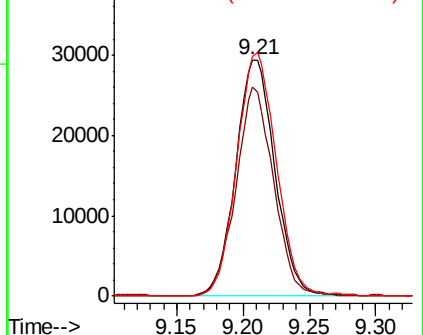
174 103.6 81.0 121.6

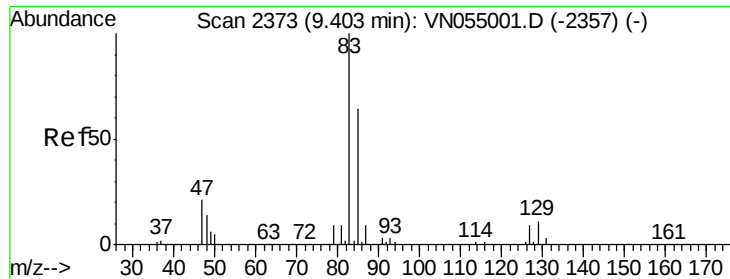


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.554 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

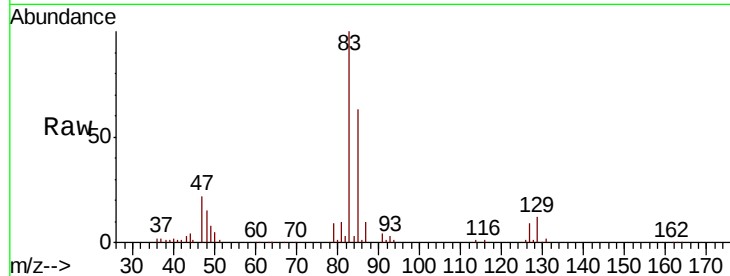
Tot Ion: 83 Resp: 118927

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

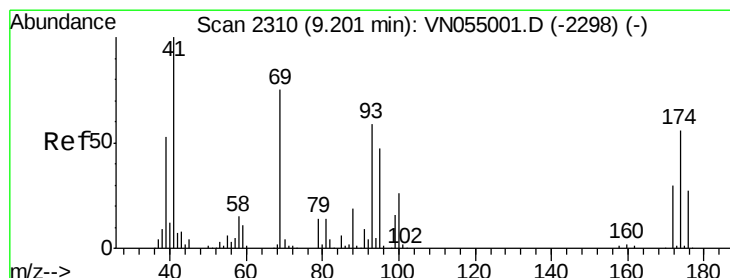
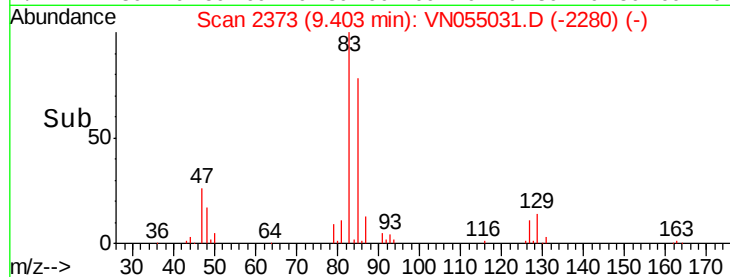
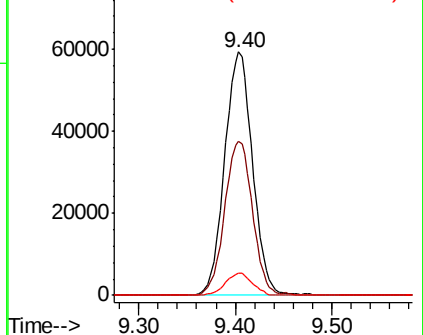
127 9.1 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.070 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

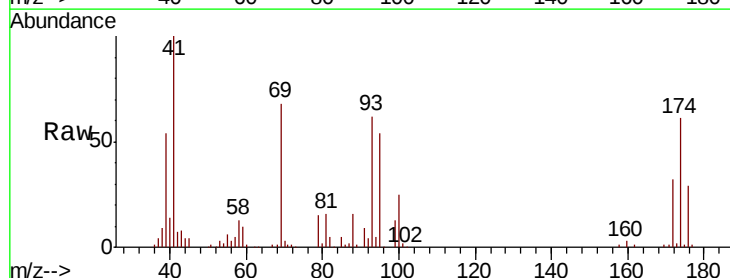
Tgt Ion: 41 Resp: 85242

Ion Ratio Lower Upper

41 100

69 72.5 60.5 90.7

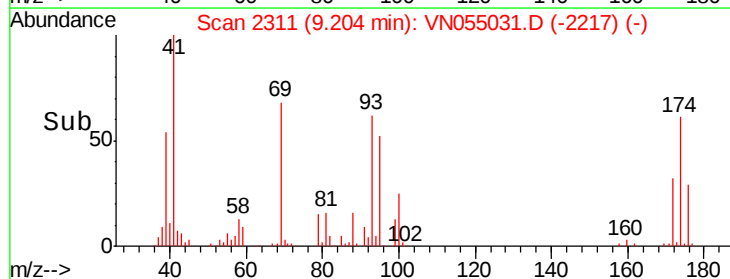
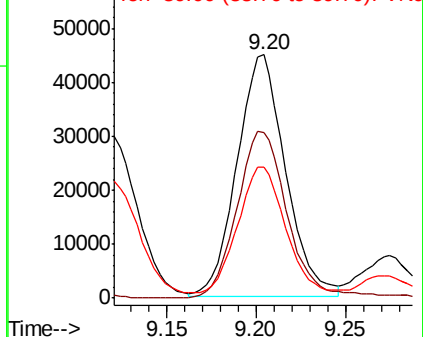
39 53.8 43.9 65.9

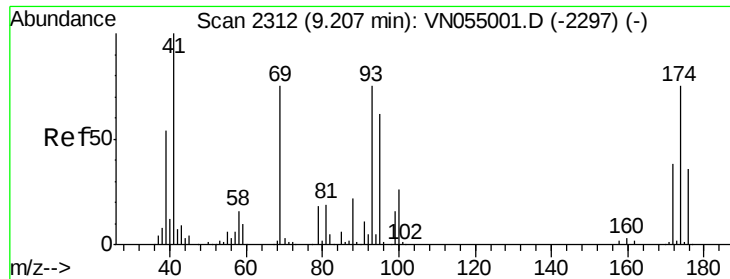


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 344.695 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

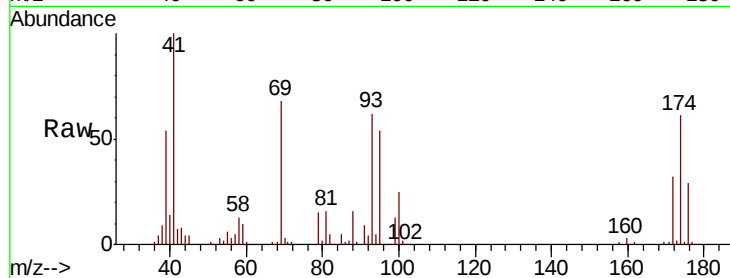
Tot Ion: 88 Resp: 14997

Ion Ratio Lower Upper

88 100

43 35.5 31.8 47.8

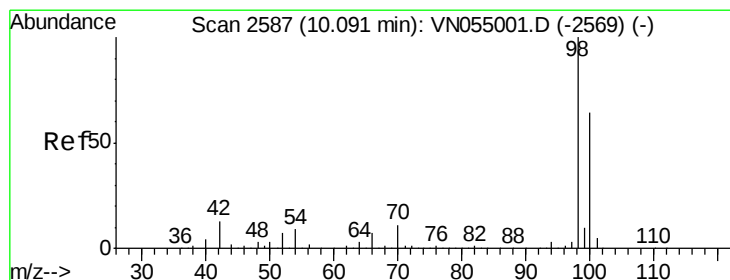
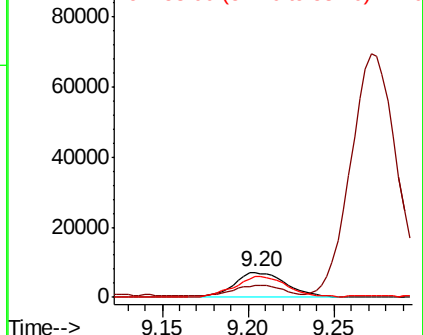
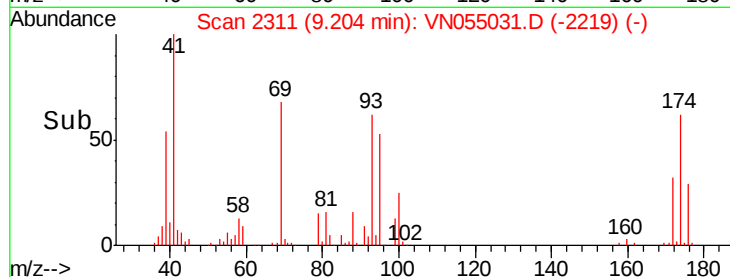
58 83.7 61.6 92.4



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.543 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055031.D

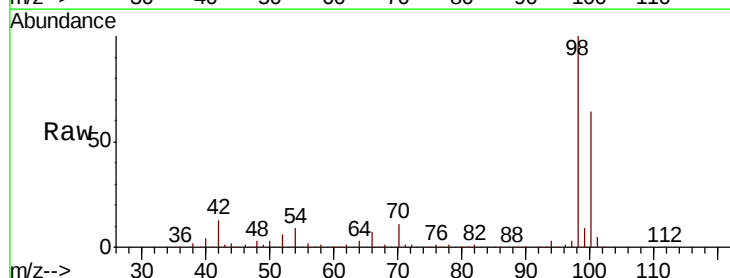
Acq: 13 Apr 2019 15:55

Tgt Ion: 98 Resp: 814362

Ion Ratio Lower Upper

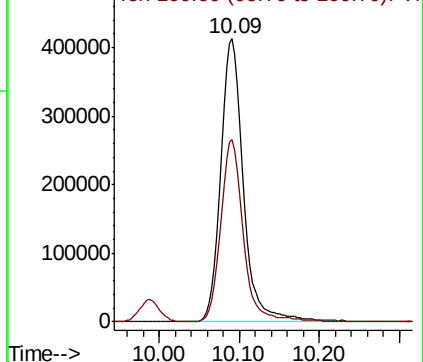
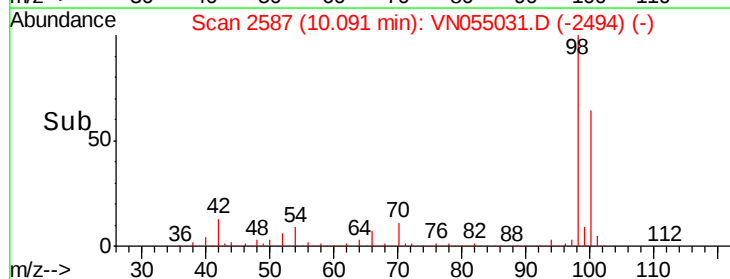
98 100

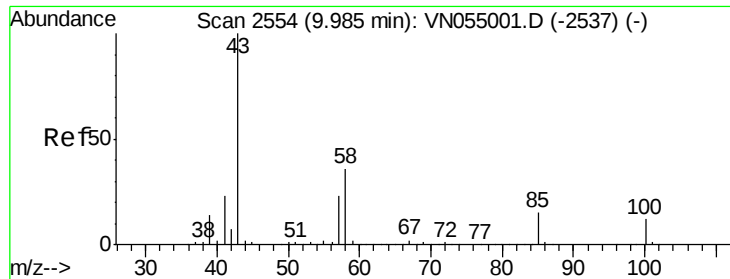
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 108.804 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

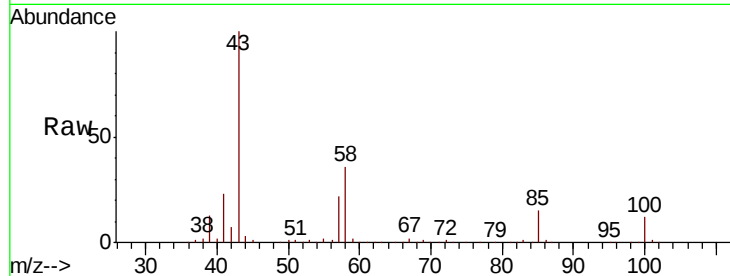
VN0414WBSD01

Tot Ion: 43 Resp: 500312

Ion Ratio Lower Upper

43 100

58 35.2 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055001.D (-2537) (-)

9.99

250000

200000

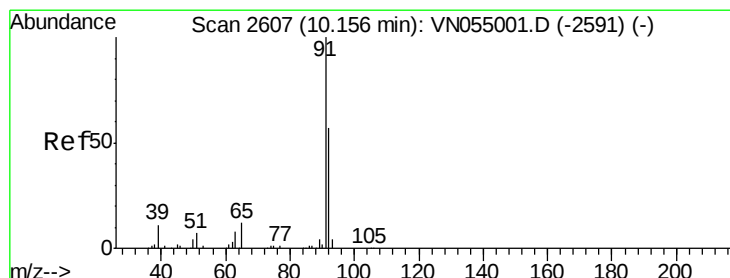
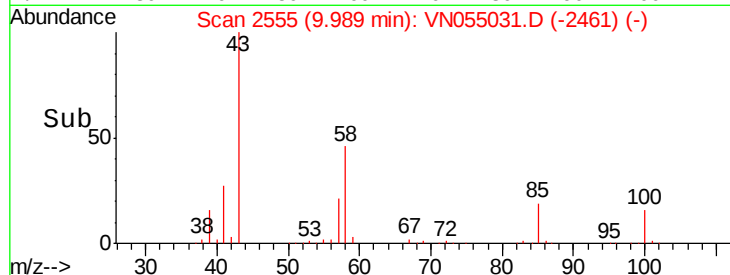
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.801 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055031.D

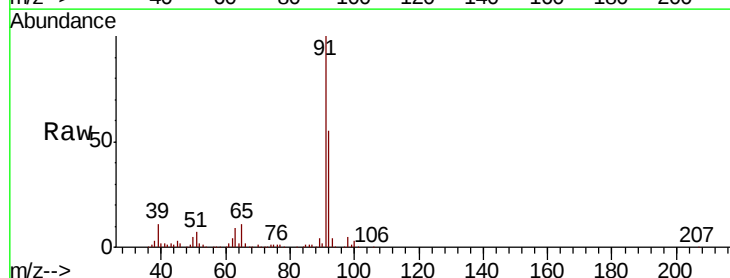
Acq: 13 Apr 2019 15:55

Tgt Ion: 92 Resp: 216606

Ion Ratio Lower Upper

92 100

91 179.3 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VN055001.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055001.D (-2591) (-)

10.16

200000

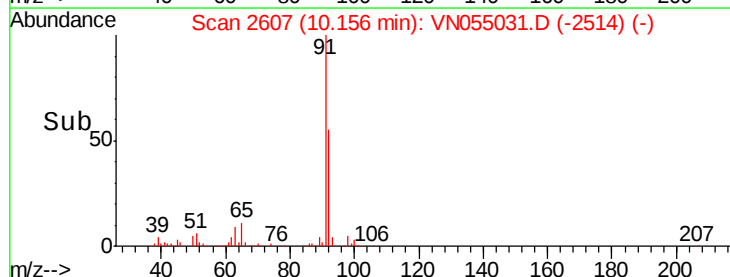
150000

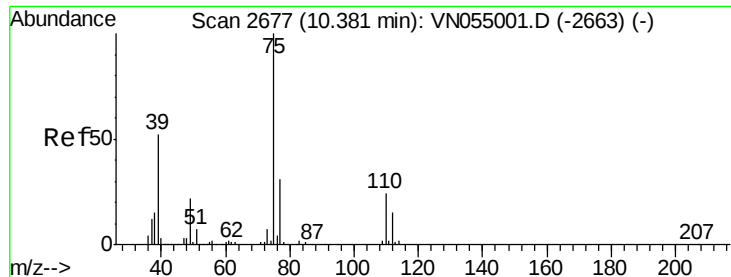
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.804 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

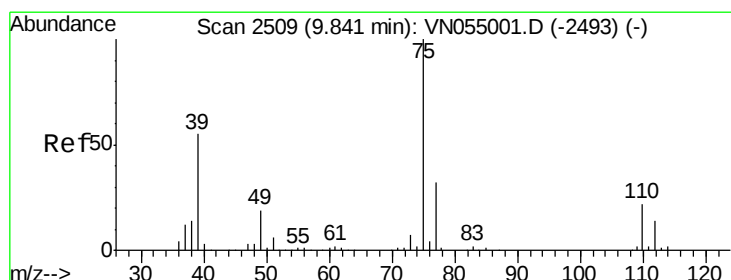
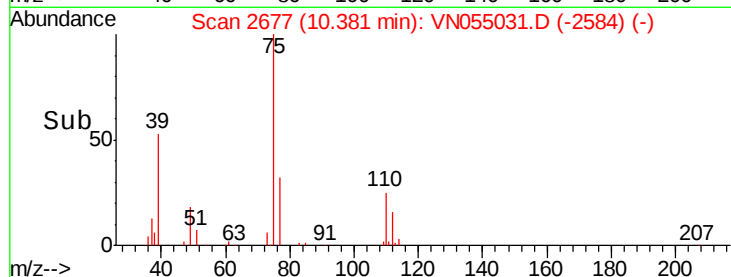
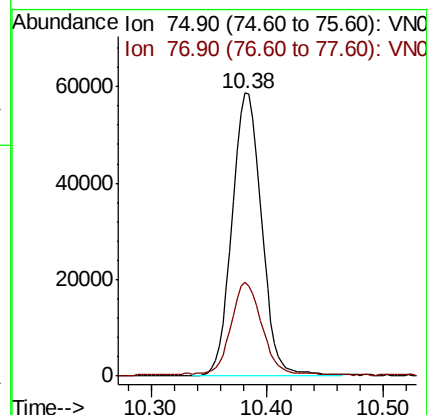
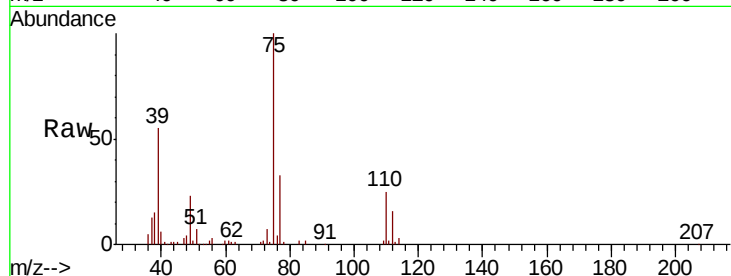
VN0414WBSD01

Tot Ion: 75 Resp: 103560

Ion Ratio Lower Upper

75 100

77 32.6 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.963 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

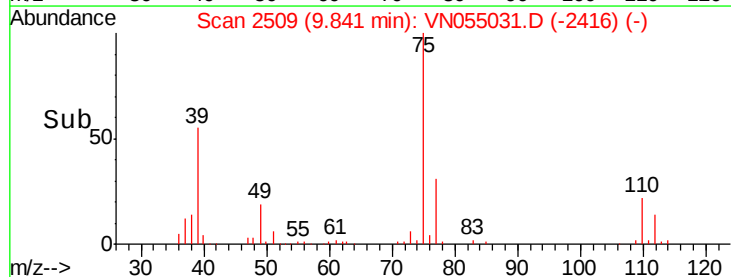
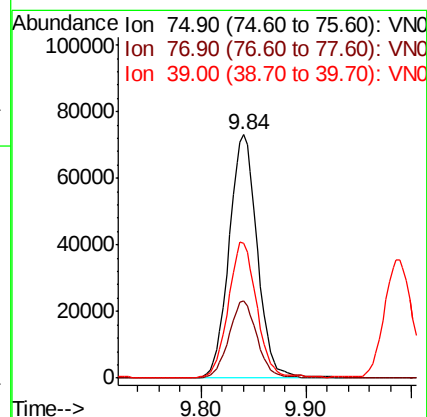
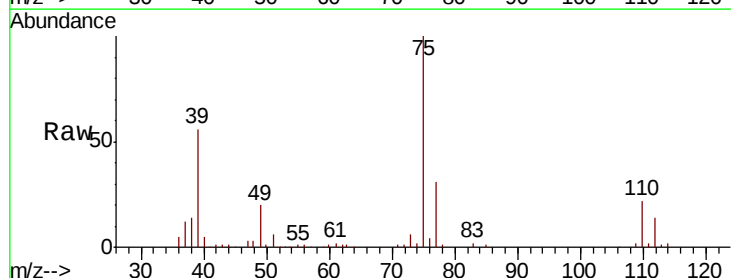
Tgt Ion: 75 Resp: 135434

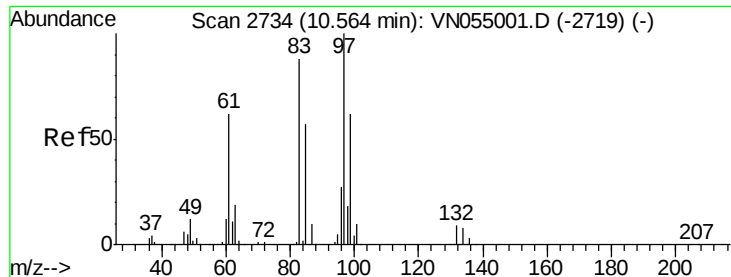
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 55.3 43.8 65.8





#55

1,1,2-Trichloroethane

Concen: 21.331 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 97 Resp: 86923

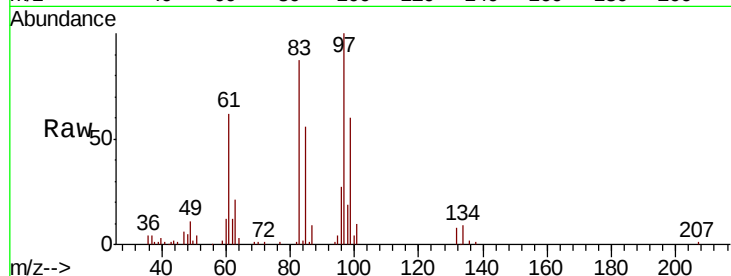
Ion Ratio Lower Upper

97 100

83 87.2 70.5 105.7

85 55.6 45.5 68.3

99 60.2 49.4 74.0

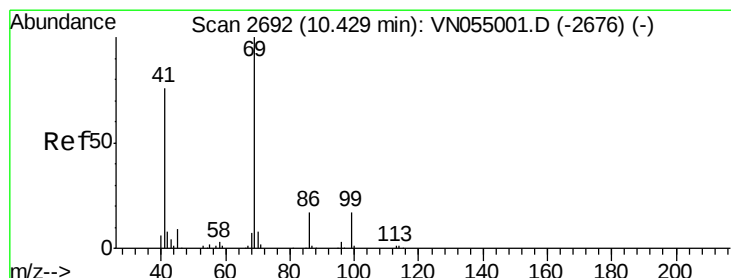
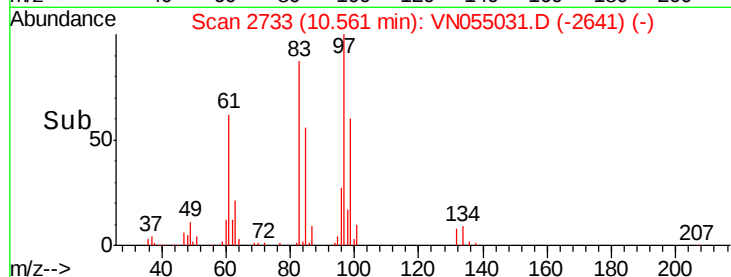
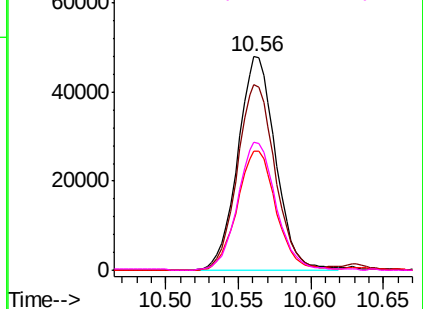


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.474 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

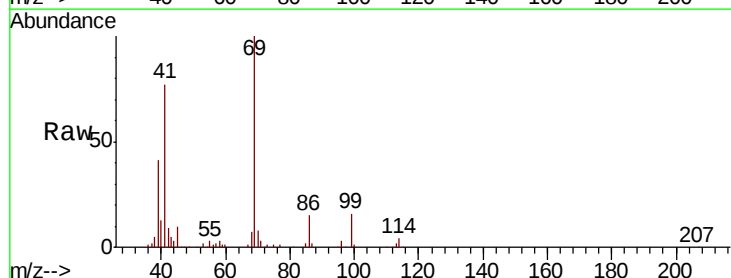
Tgt Ion: 69 Resp: 107358

Ion Ratio Lower Upper

69 100

41 76.0 61.4 92.0

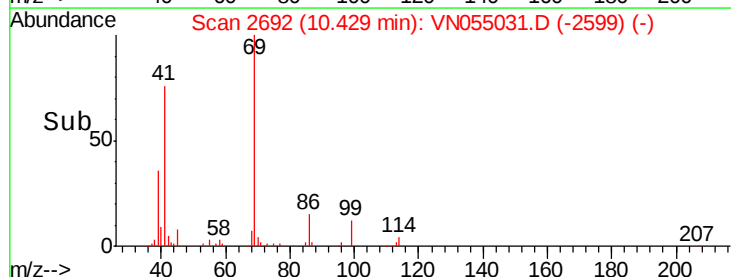
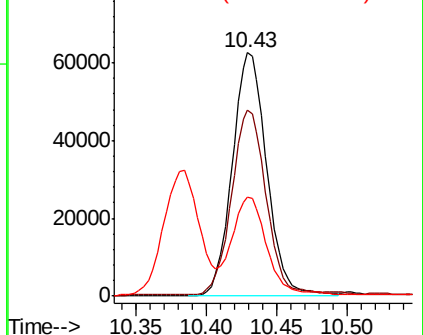
39 40.3 30.8 46.2

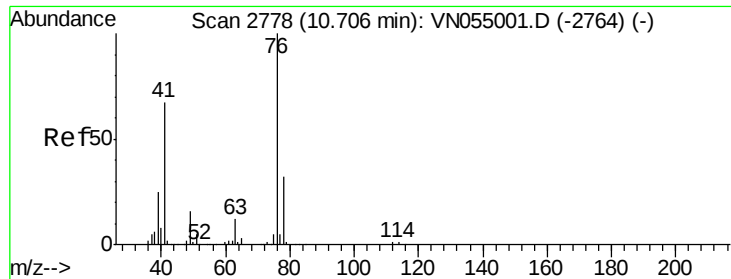


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.790 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

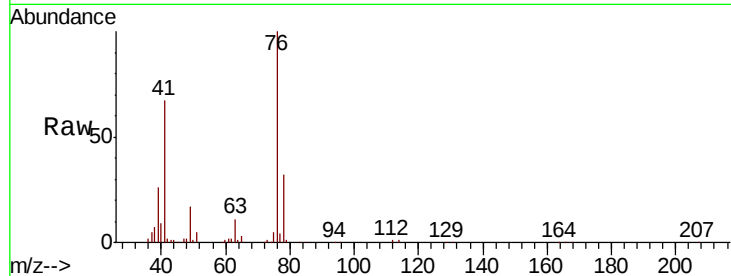
VN0414WBSD01

Tot Ion: 76 Resp: 146146

Ion Ratio Lower Upper

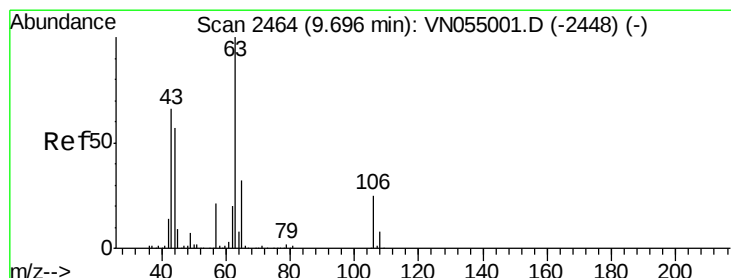
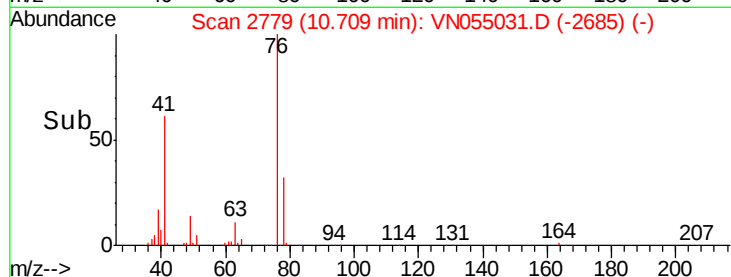
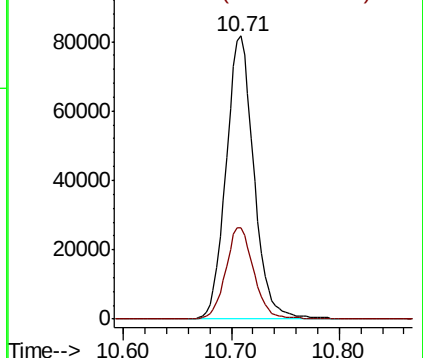
76 100

78 32.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 99.690 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055031.D

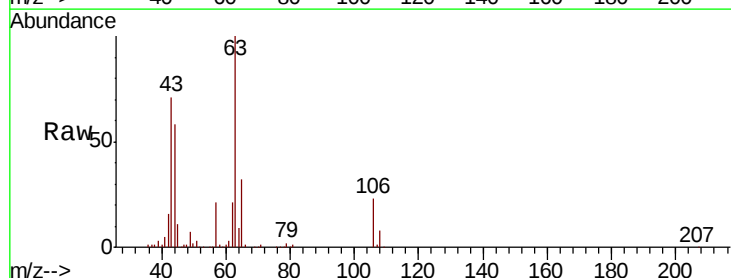
Acq: 13 Apr 2019 15:55

Tgt Ion: 63 Resp: 207067

Ion Ratio Lower Upper

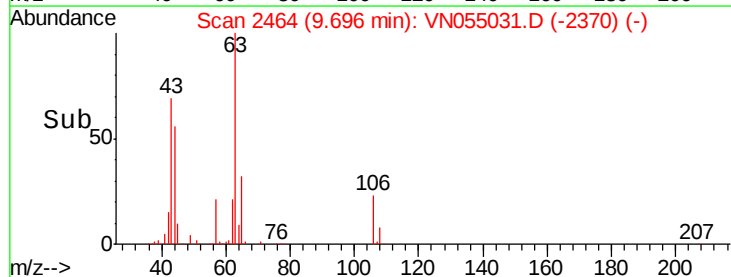
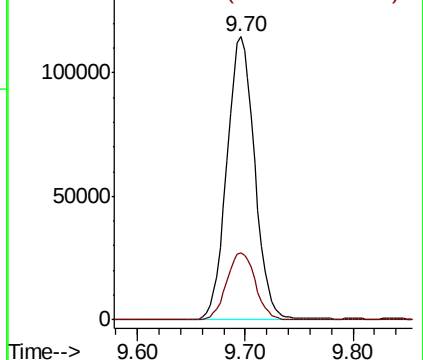
63 100

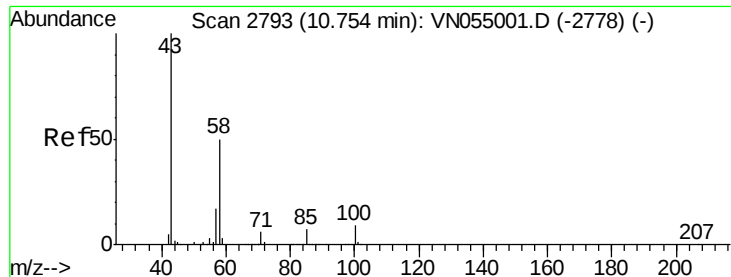
106 24.4 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

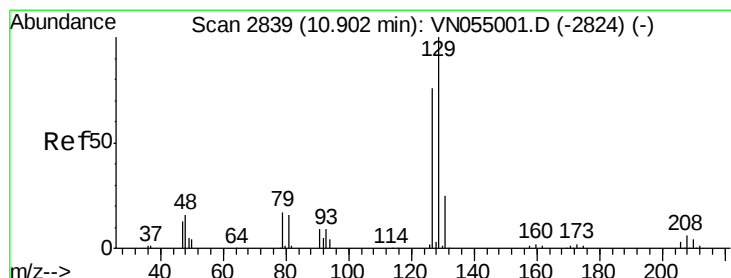
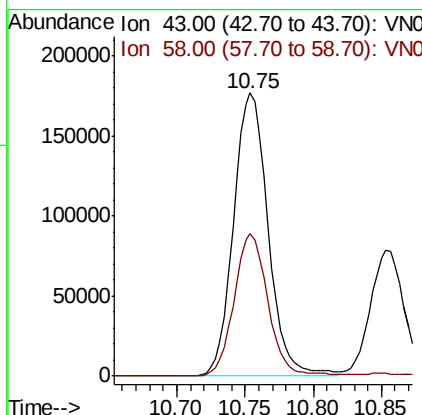
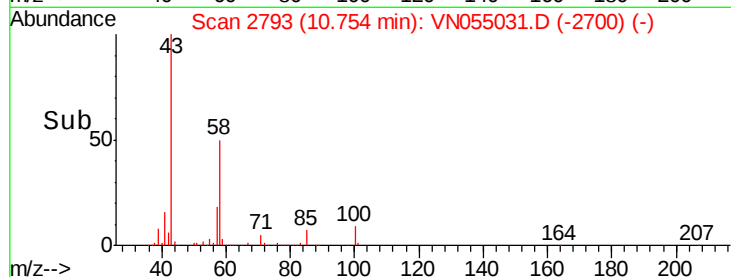
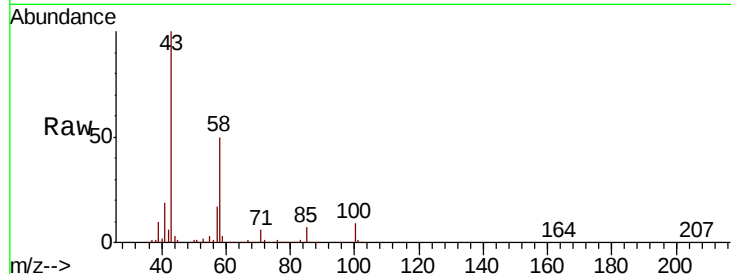




#59
2-Hexanone
Concen: 107.597 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

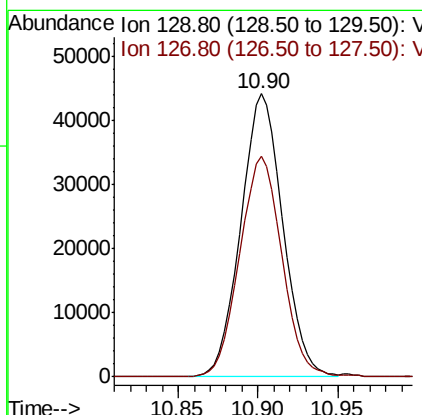
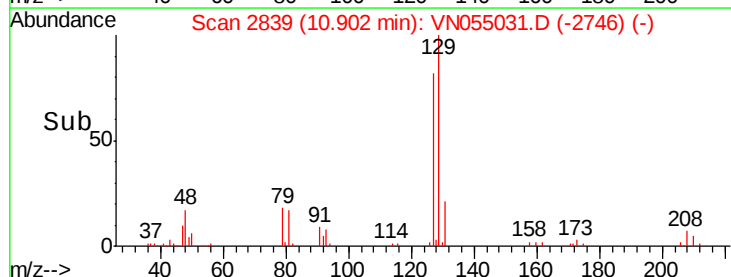
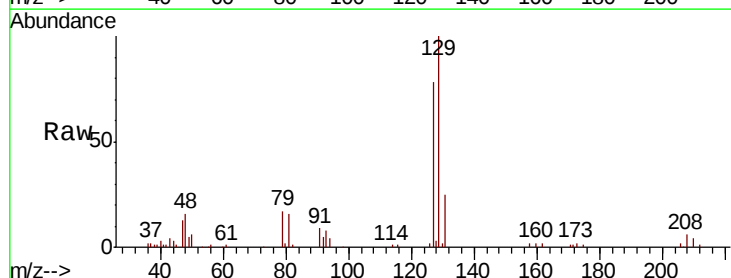
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

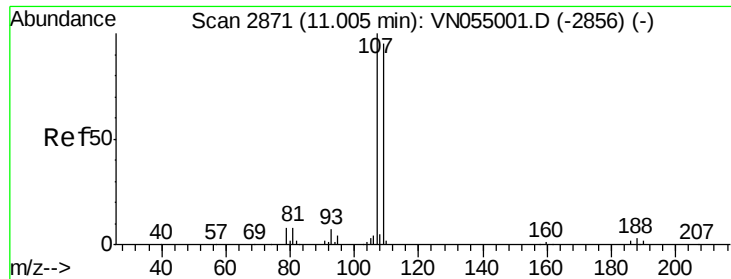
Tot Ion: 43 Resp: 309177
Ion Ratio Lower Upper
43 100
58 49.7 25.1 75.2



#60
Dibromochloromethane
Concen: 19.524 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion: 129 Resp: 79191
Ion Ratio Lower Upper
129 100
127 78.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.740 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

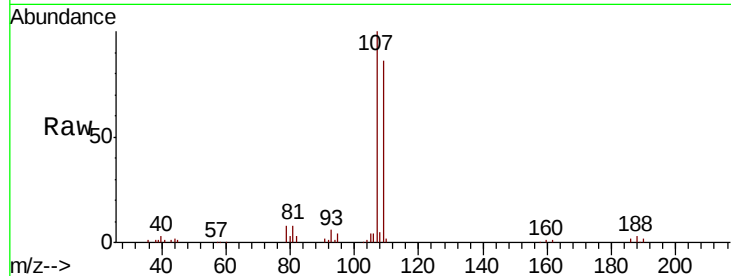
VN0414WBSD01

Tot Ion:107 Resp: 80918

Ion Ratio Lower Upper

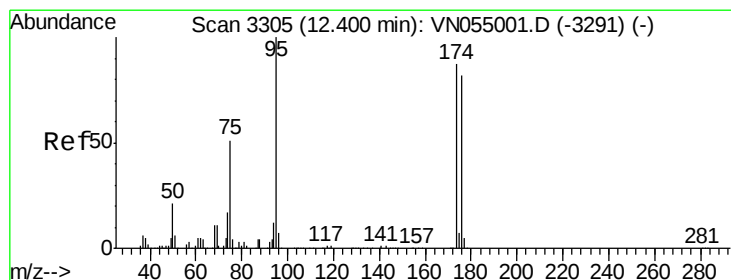
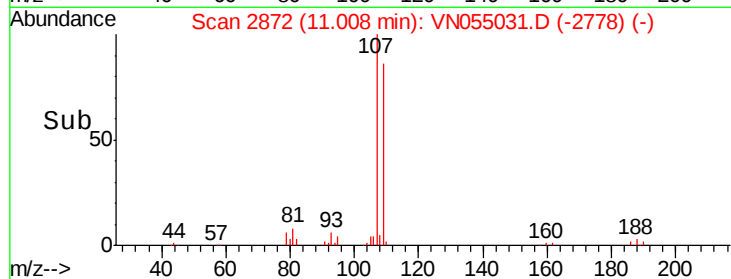
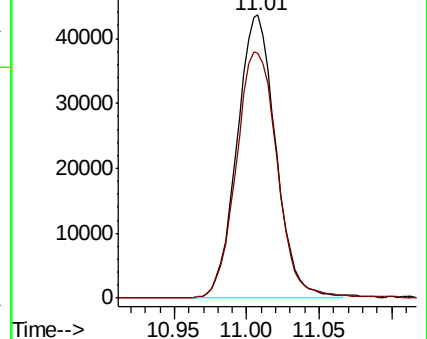
107 100

109 92.1 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.311 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

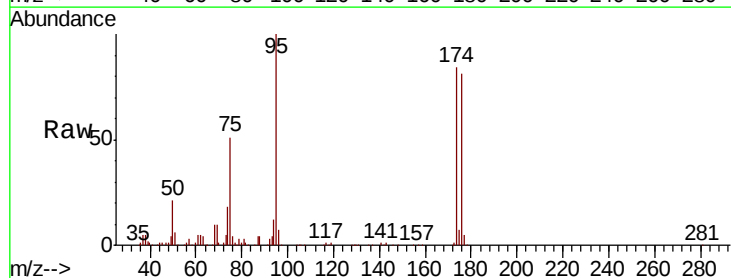
Tgt Ion: 95 Resp: 262660

Ion Ratio Lower Upper

95 100

174 85.5 0.0 174.4

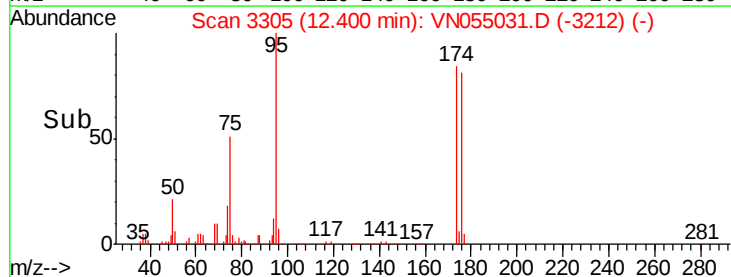
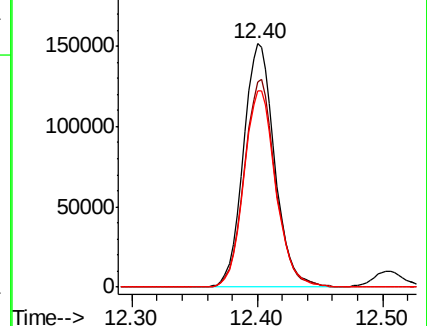
176 82.4 0.0 166.8

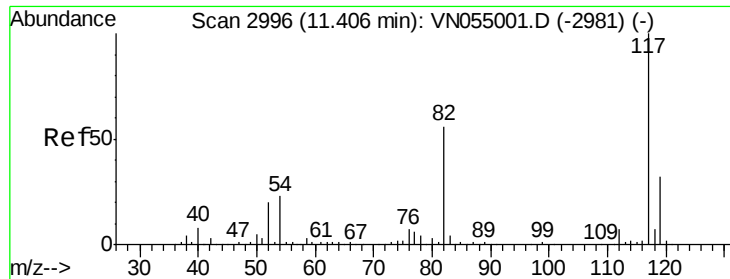


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

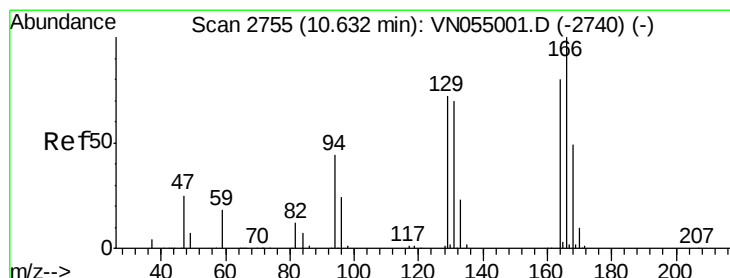
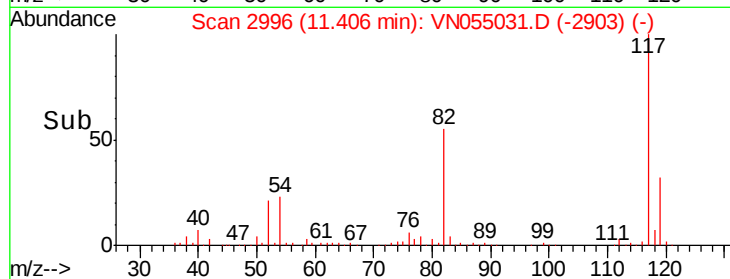
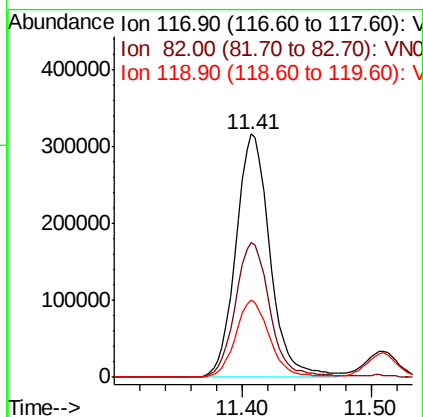
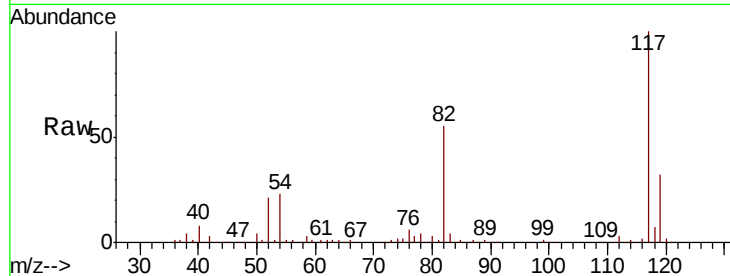




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

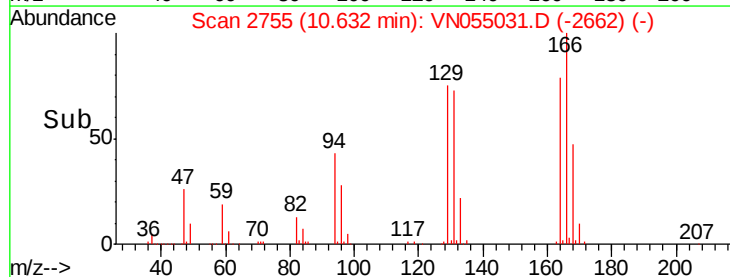
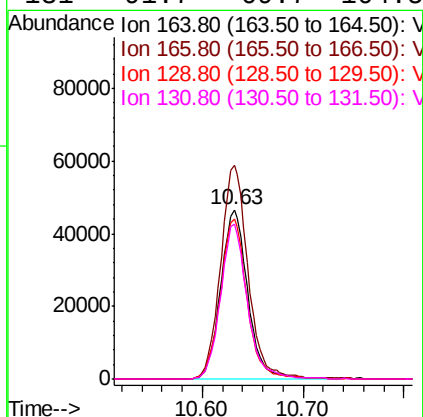
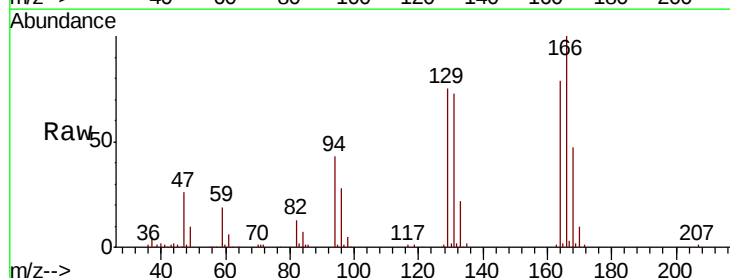
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

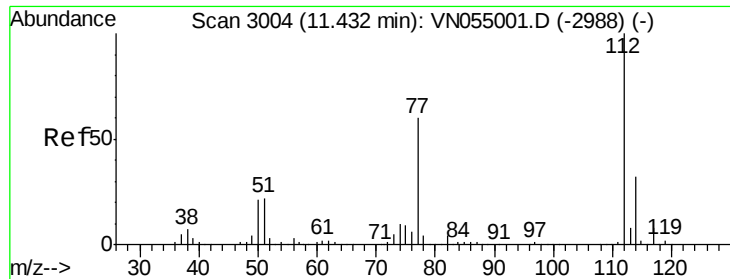
Tot Ion:117 Resp: 580293
Ion Ratio Lower Upper
117 100
82 55.2 44.6 66.8
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 19.273 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion:164 Resp: 87483
Ion Ratio Lower Upper
164 100
166 126.0 100.0 150.0
129 94.7 72.0 108.0
131 91.7 69.7 104.5

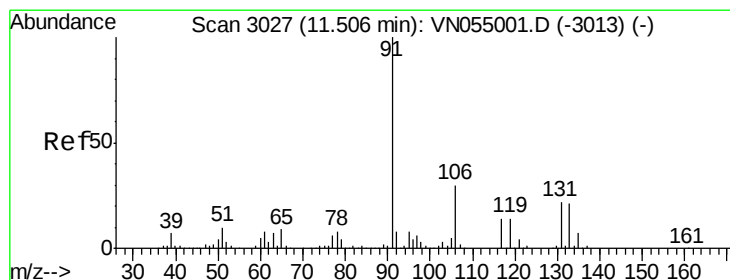
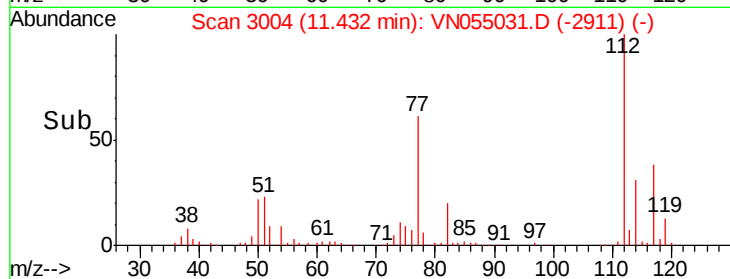
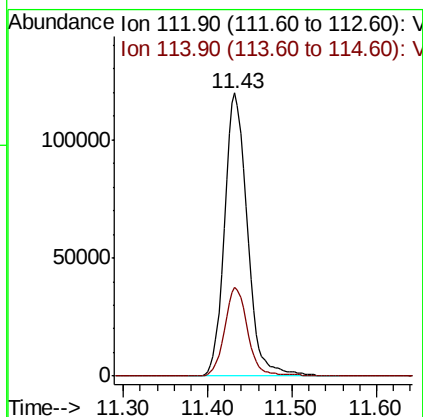
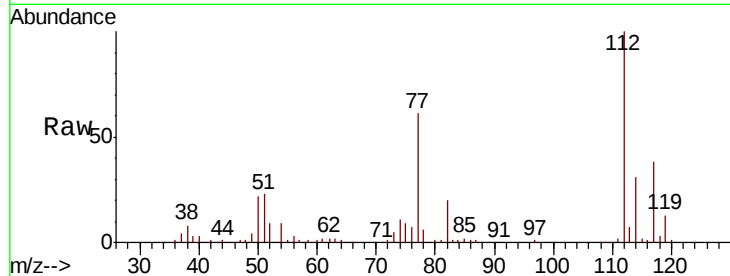




#65
Chlorobenzene
Concen: 20.219 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

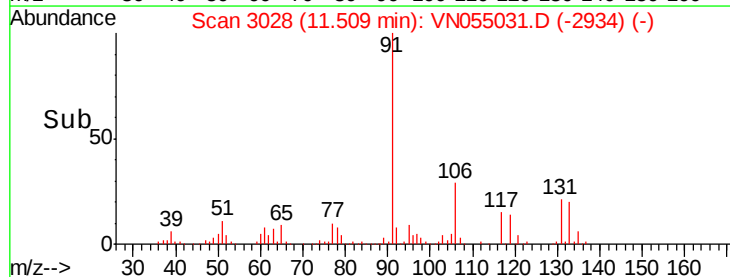
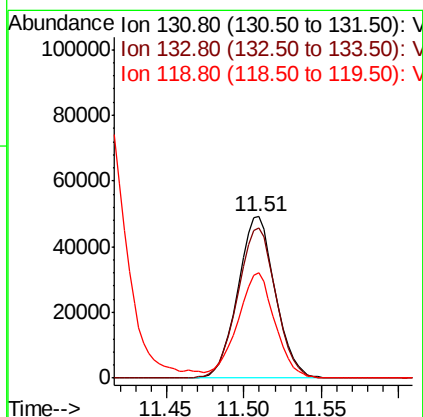
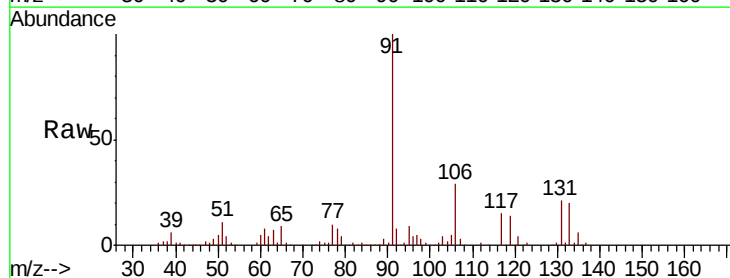
Instrument :
MSVOA_N
ClientSampled :
VN0414WBSD01

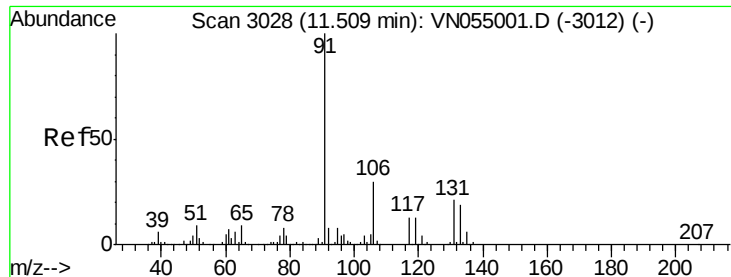
Tot Ion:112 Resp: 226231
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.113 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion:131 Resp: 82935
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.3
119 65.4 33.6 100.6





#67

Ethyl Benzene

Concen: 19.612 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleID :

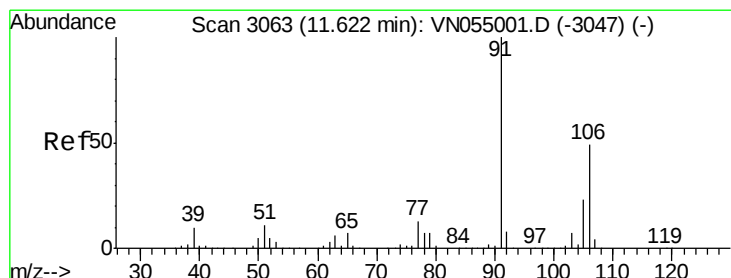
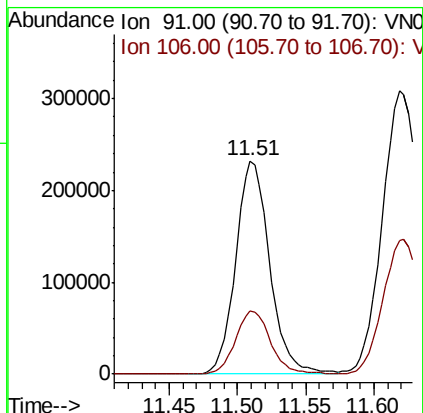
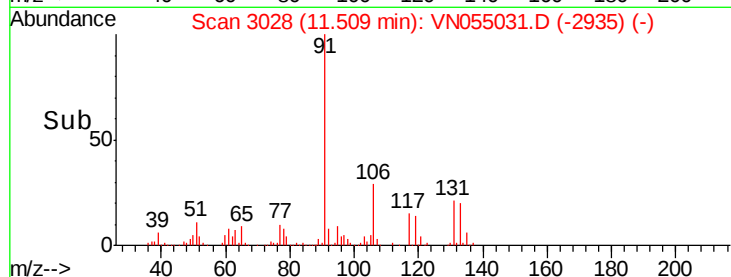
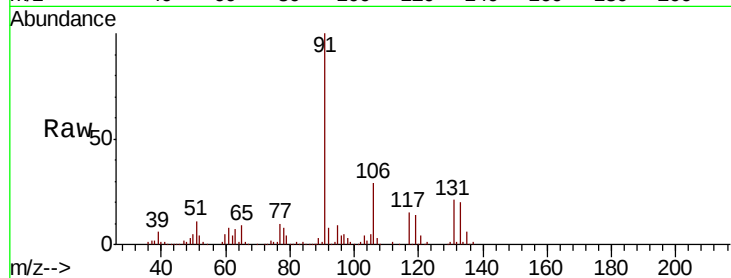
VN0414WBSD01

Tot Ion: 91 Resp: 403091

Ion Ratio Lower Upper

91 100

106 29.4 24.3 36.5



#68

m/p-Xylenes

Concen: 39.470 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN055031.D

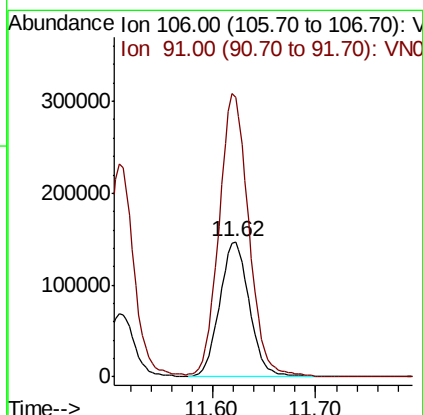
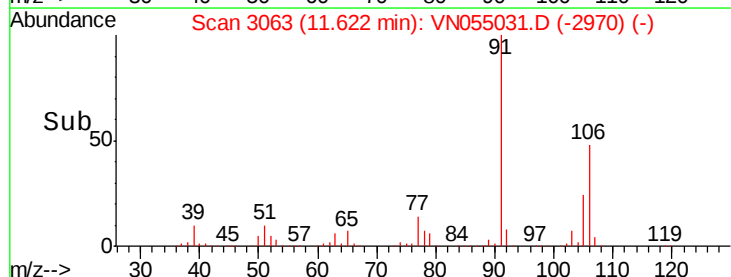
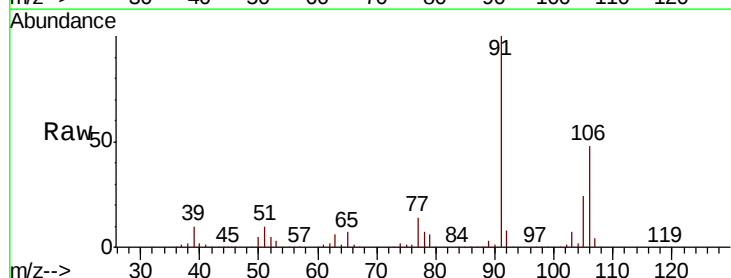
Acq: 13 Apr 2019 15:55

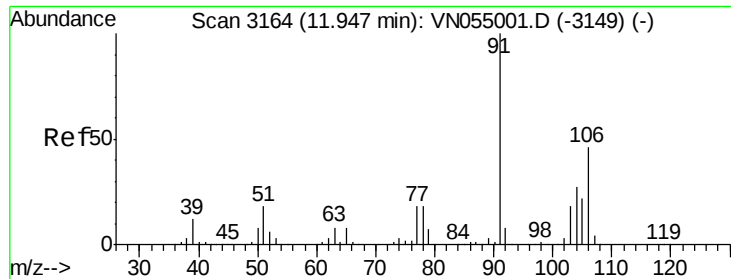
Tgt Ion:106 Resp: 296800

Ion Ratio Lower Upper

106 100

91 208.8 165.9 248.9

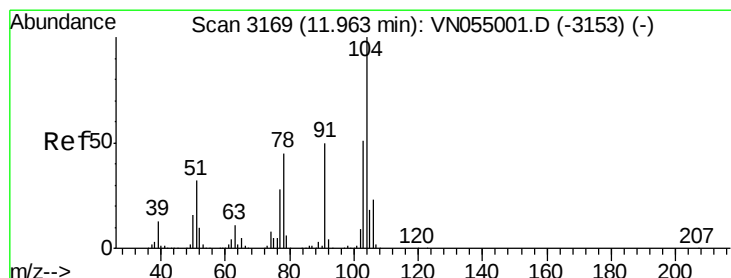
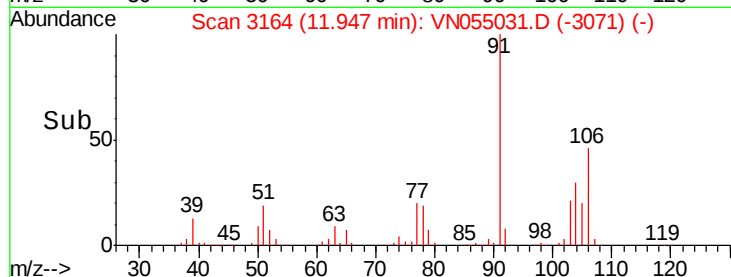
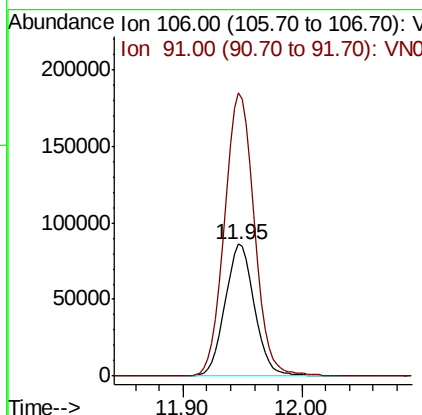
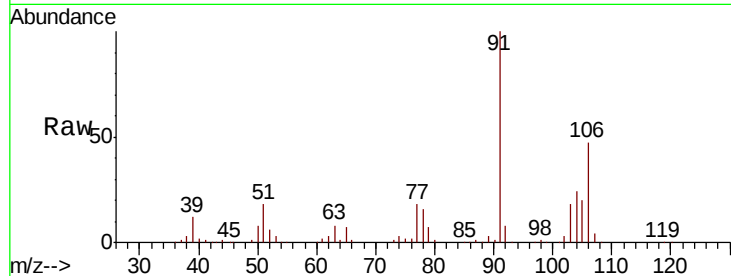




#69
o-Xylene
Concen: 19.854 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

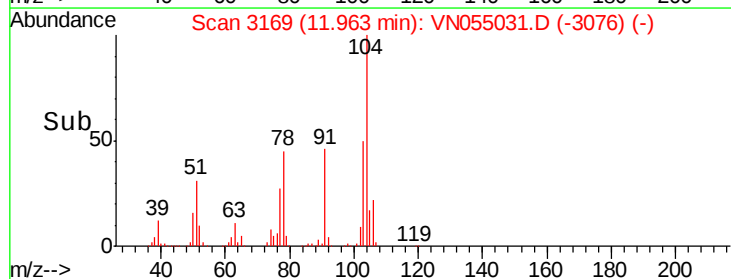
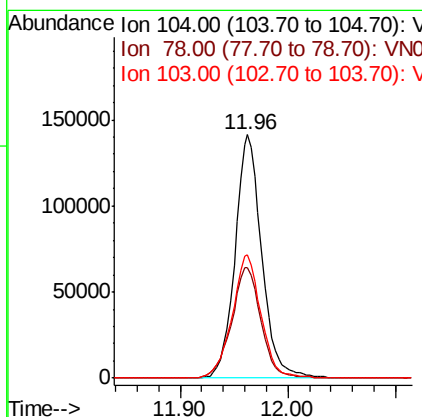
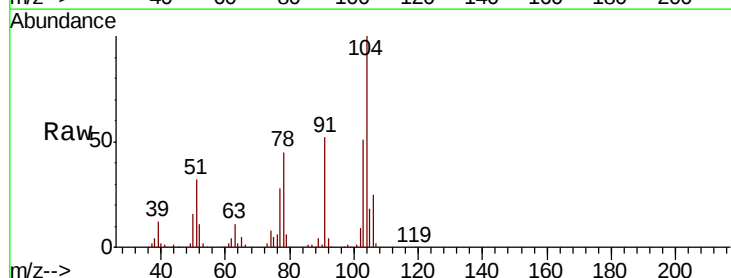
Instrument :
MSVOA_N
ClientSampled :
VN0414WBSD01

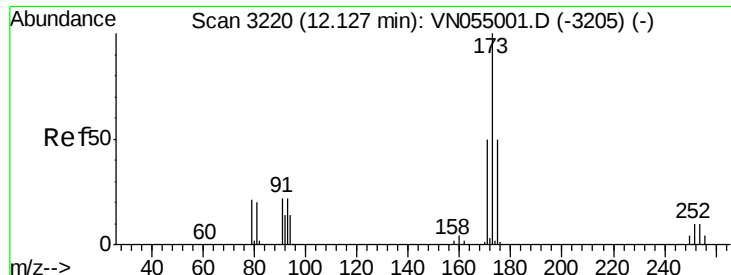
Tot Ion:106 Resp: 147718
Ion Ratio Lower Upper
106 100
91 217.9 109.9 329.8



#70
Styrene
Concen: 20.615 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055031.D
Acq: 13 Apr 2019 15:55

Tgt Ion:104 Resp: 243191
Ion Ratio Lower Upper
104 100
78 50.2 40.3 60.5
103 54.9 44.3 66.5





#71

Bromoform

Concen: 18.857 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

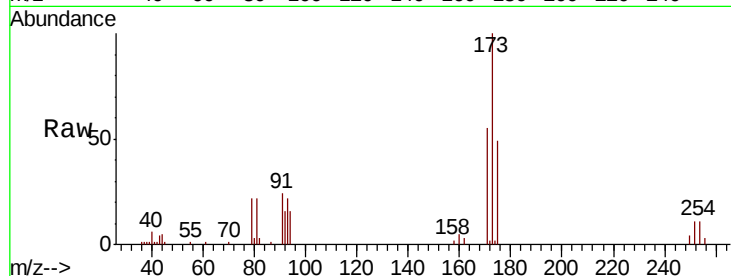
Tot Ion:173 Resp: 48516

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

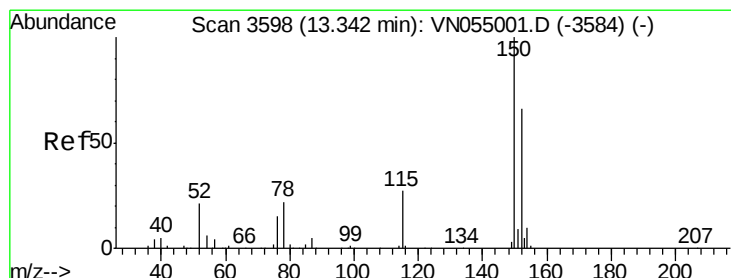
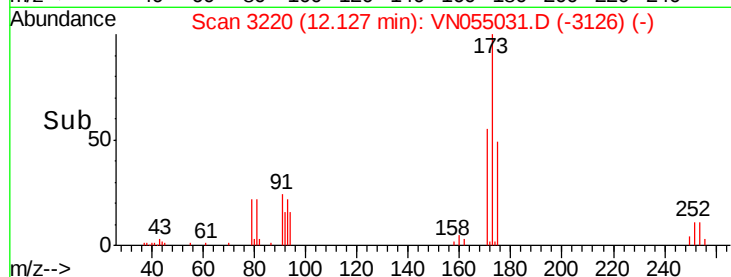
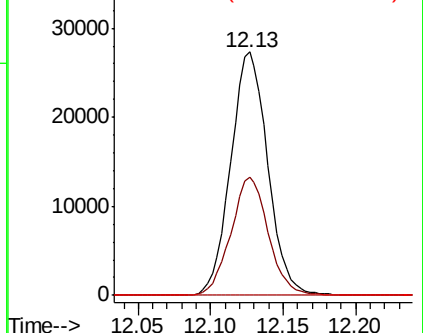
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

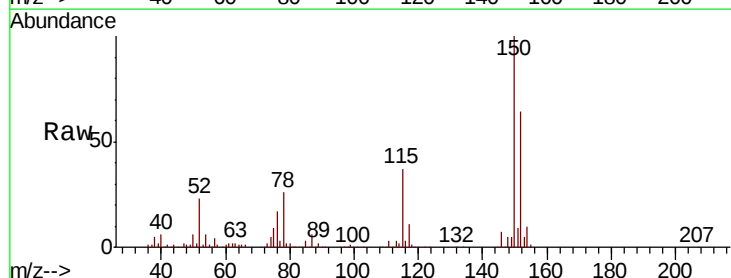
Tgt Ion:152 Resp: 229263

Ion Ratio Lower Upper

152 100

115 58.0 28.5 85.6

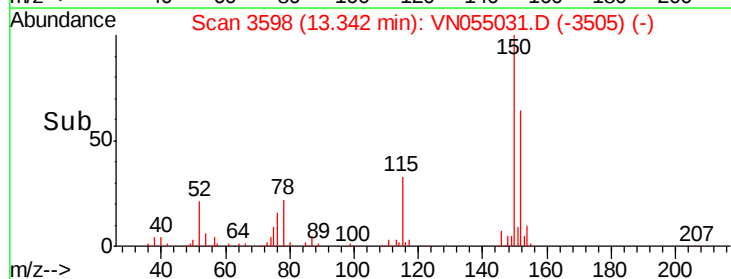
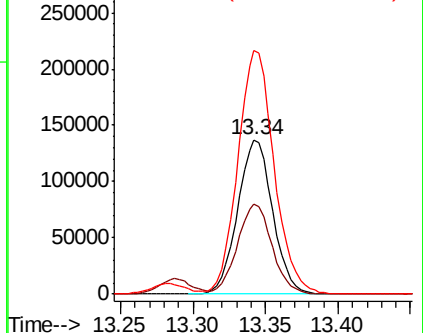
150 164.3 0.0 347.2

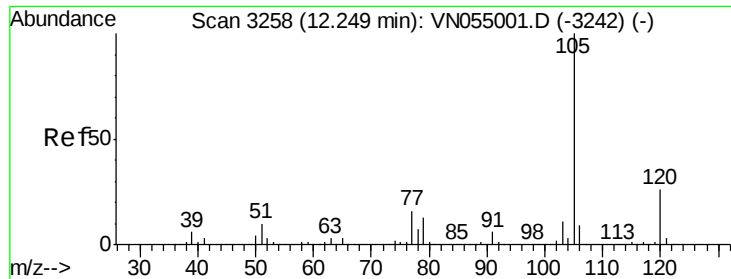


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.646 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

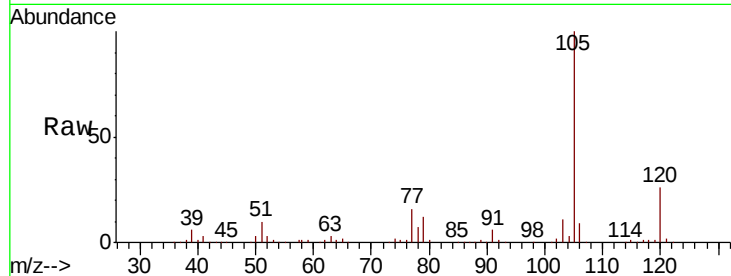
VN0414WBSD01

Tot Ion:105 Resp: 382965

Ion Ratio Lower Upper

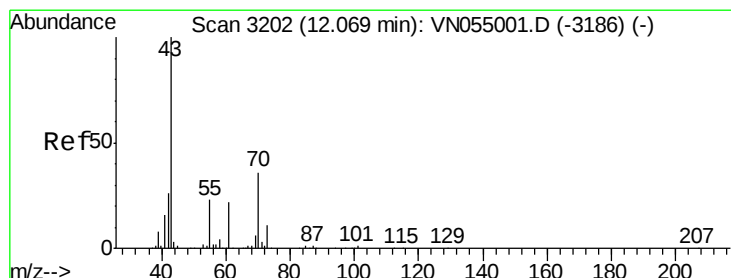
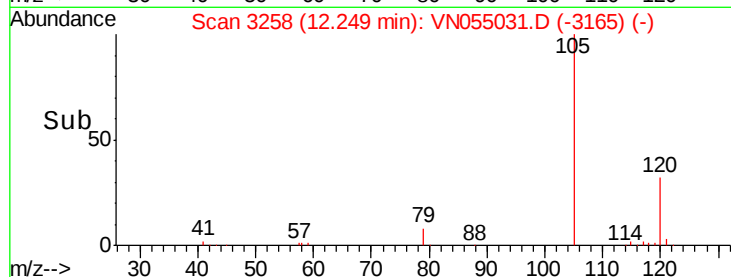
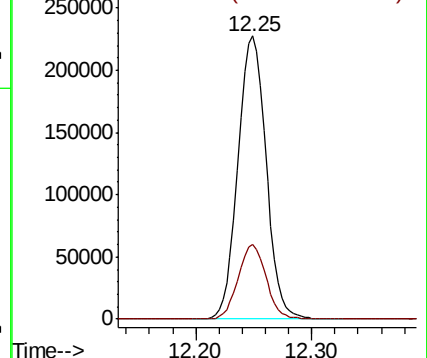
105 100

120 26.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.220 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Tgt Ion: 43 Resp: 124676

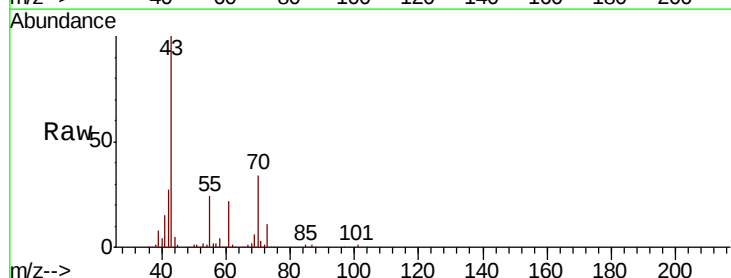
Ion Ratio Lower Upper

43 100

70 35.8 29.4 44.0

55 24.2 19.0 28.4

61 22.5 17.7 26.5

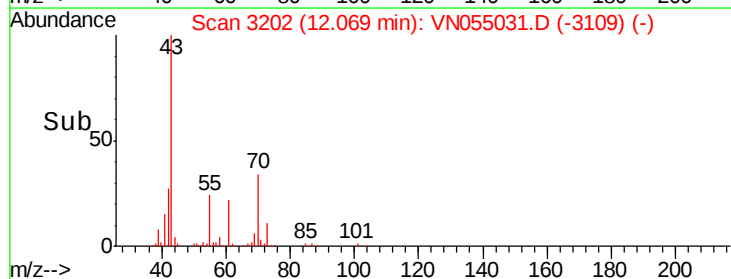
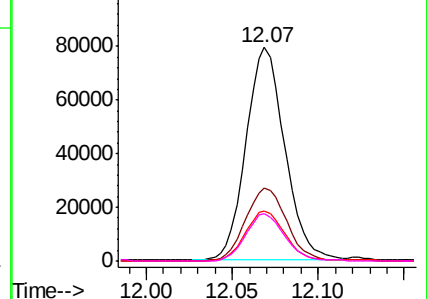


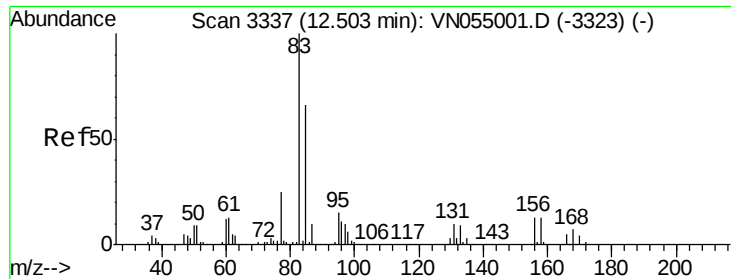
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.309 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

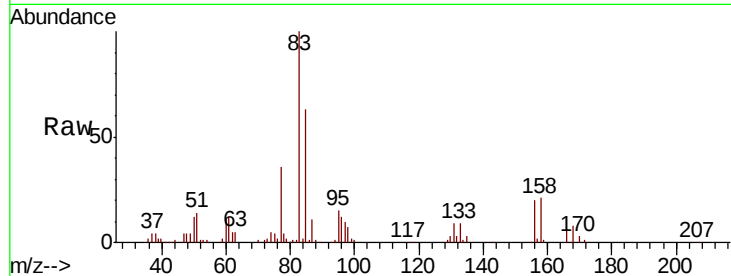
Tot Ion: 83 Resp: 107539

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

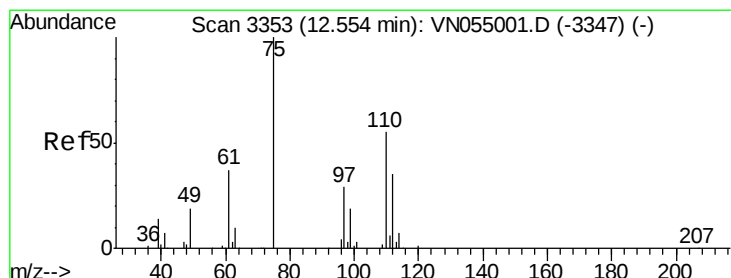
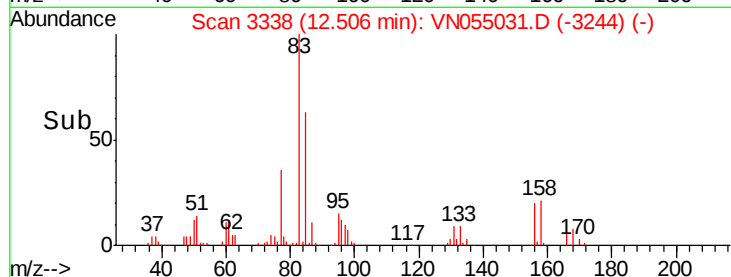
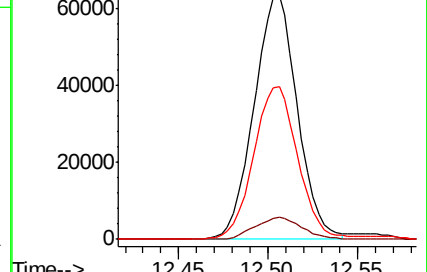
85 64.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN055001.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055001.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055001.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 29.292 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055031.D

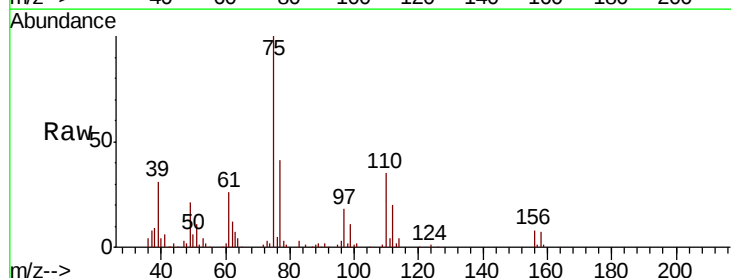
Acq: 13 Apr 2019 15:55

Tgt Ion: 75 Resp: 123548

Ion Ratio Lower Upper

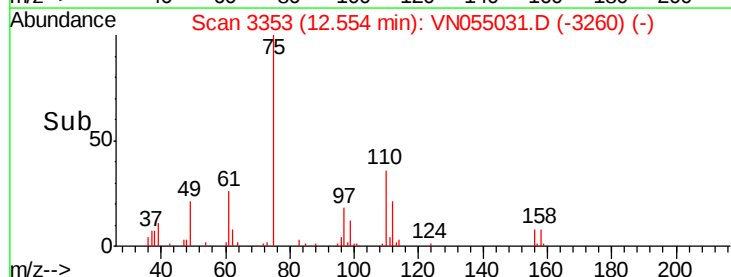
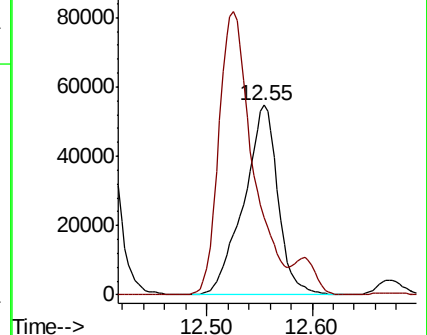
75 100

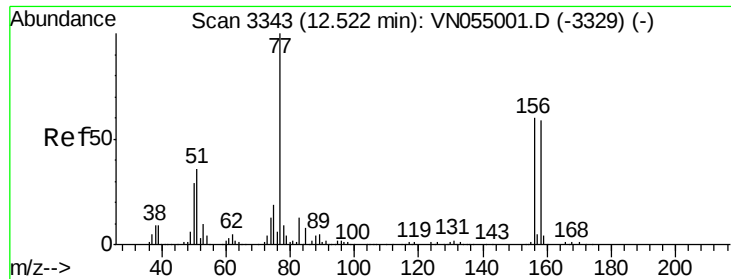
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055001.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055001.D (-3347) (-)





#77

Bromobenzene

Concen: 21.063 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

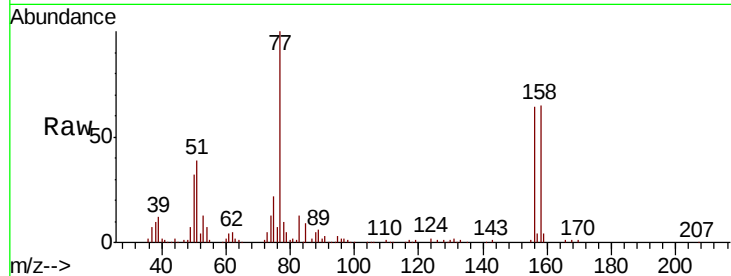
Tot Ion:156 Resp: 94408

Ion Ratio Lower Upper

156 100

77 193.2 97.2 291.5

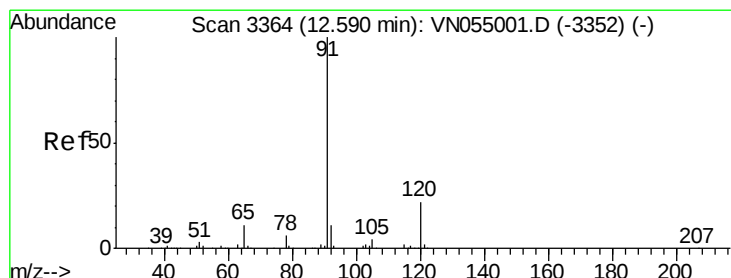
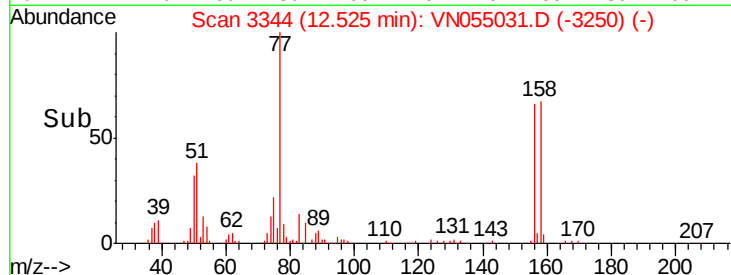
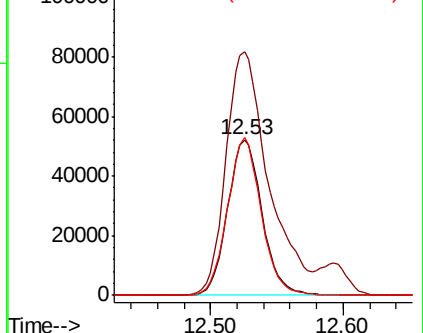
158 98.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.240 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055031.D

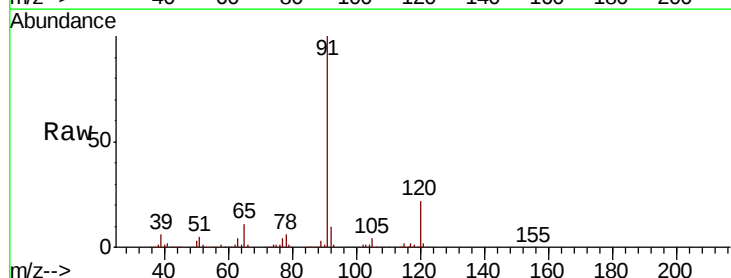
Acq: 13 Apr 2019 15:55

Tgt Ion: 91 Resp: 408593

Ion Ratio Lower Upper

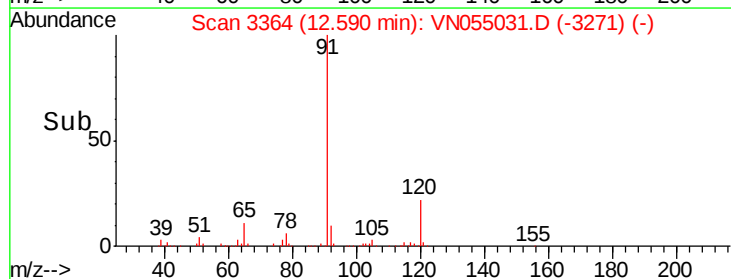
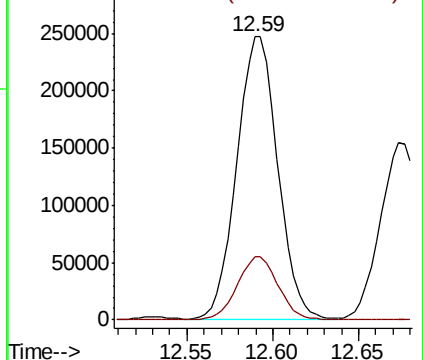
91 100

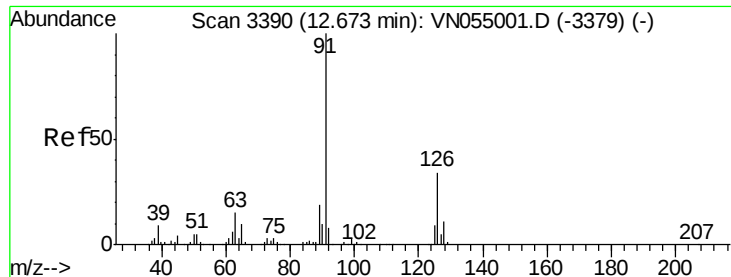
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

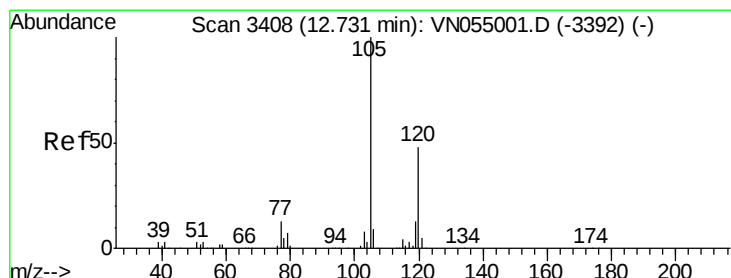
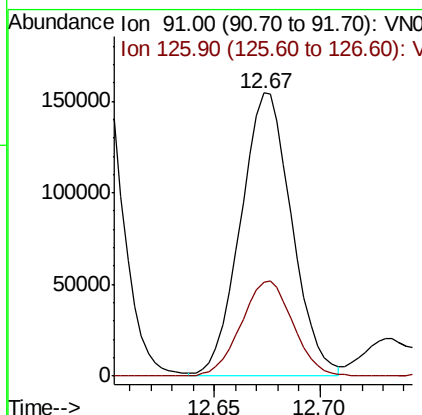
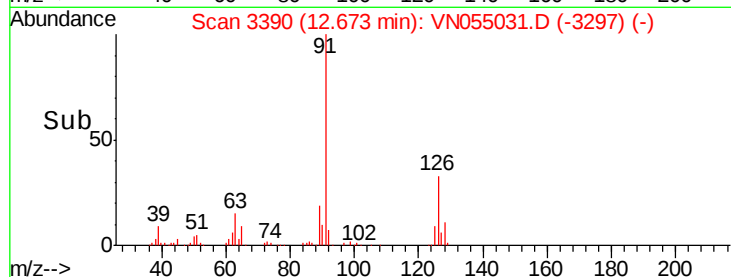
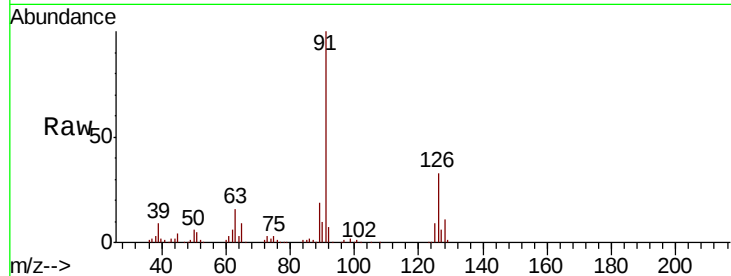




#79
 2-Chlorotoluene
 Concen: 19.735 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

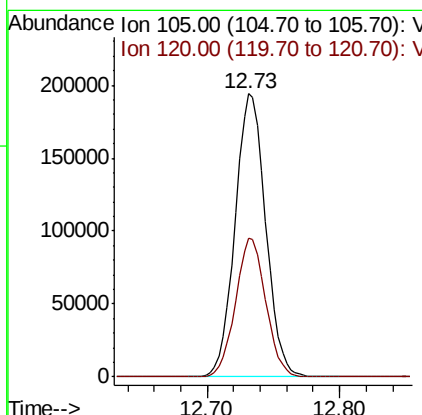
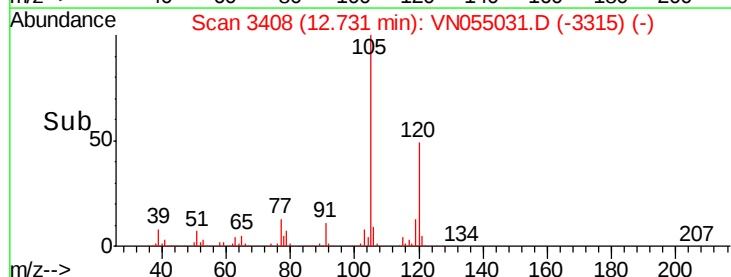
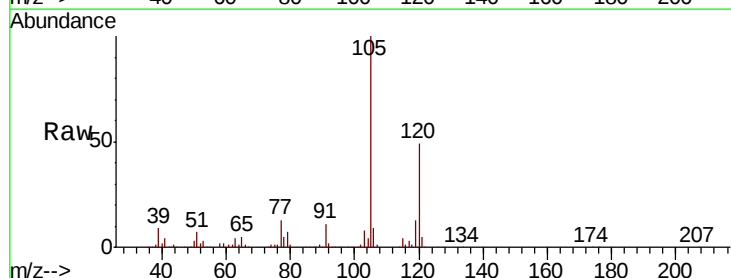
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

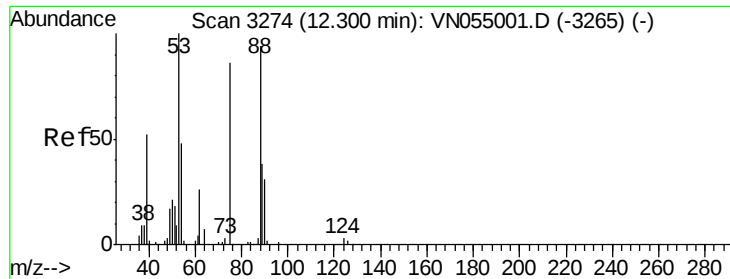
Tot Ion: 91 Resp: 258912
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.555 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

Tgt Ion: 105 Resp: 310315
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.964 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

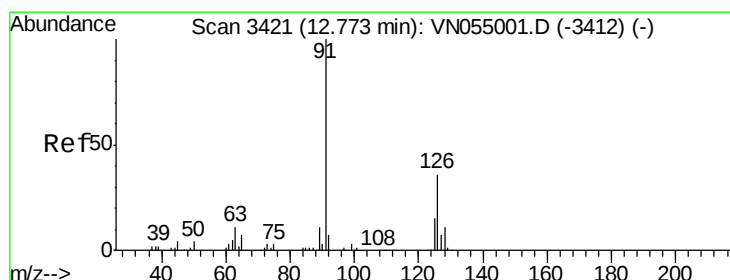
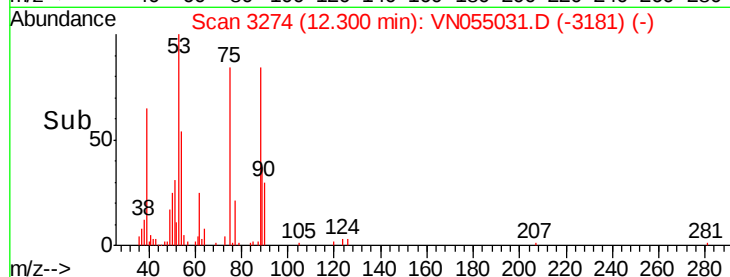
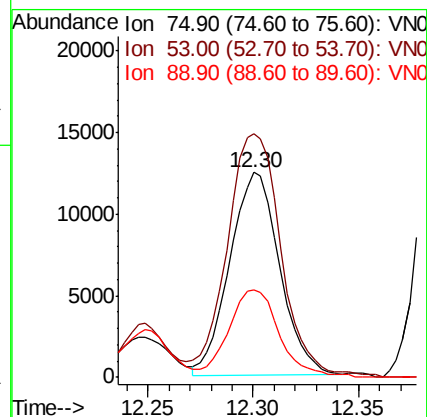
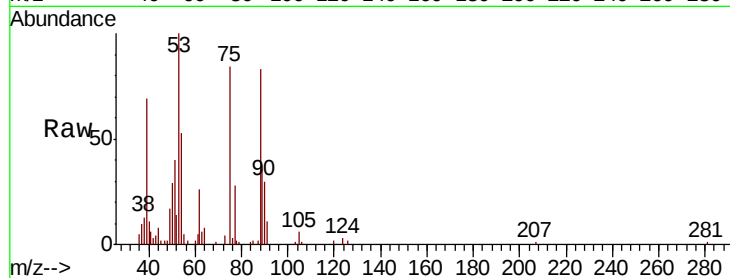
Tot Ion: 75 Resp: 20401

Ion Ratio Lower Upper

75 100

53 130.7 96.3 144.5

89 44.0 38.6 57.8



#82

4-Chlorotoluene

Concen: 19.755 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055031.D

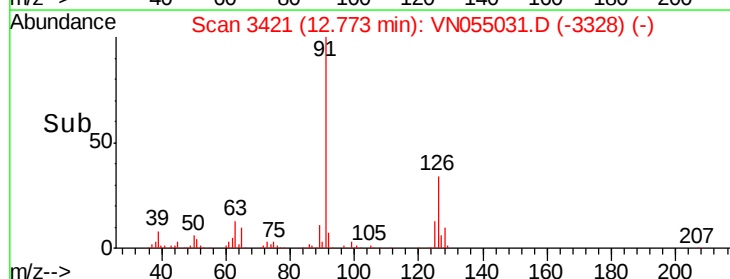
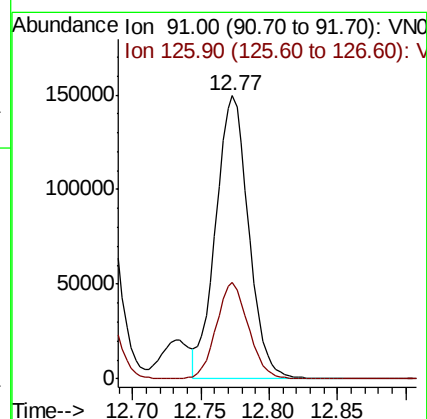
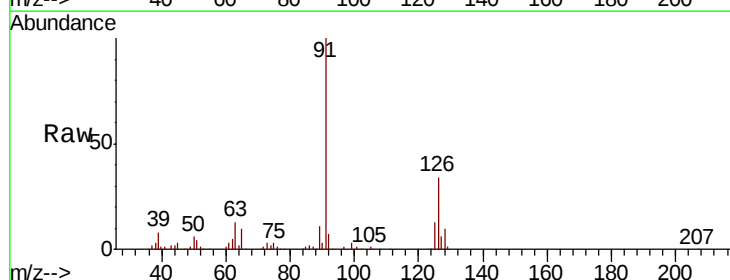
Acq: 13 Apr 2019 15:55

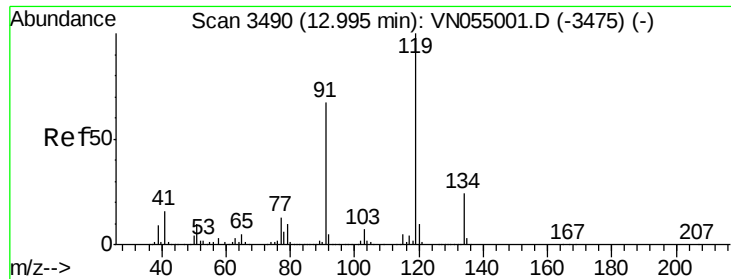
Tgt Ion: 91 Resp: 250655

Ion Ratio Lower Upper

91 100

126 33.4 16.4 49.2

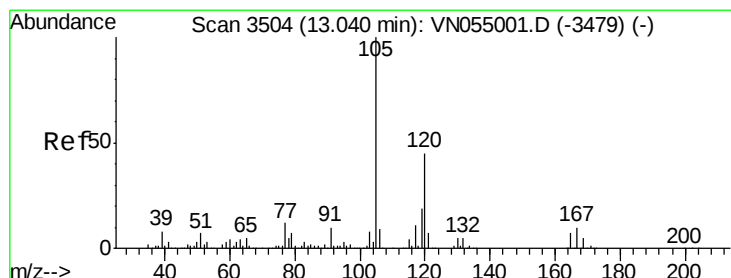
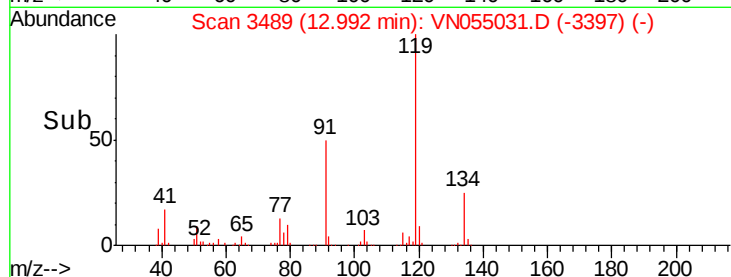
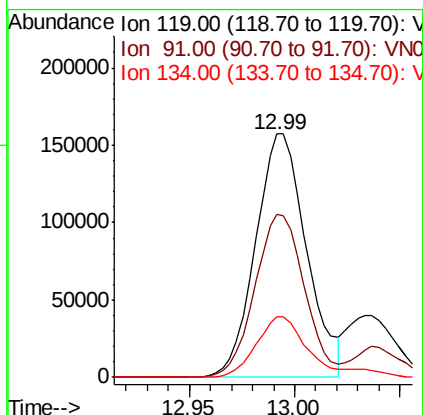
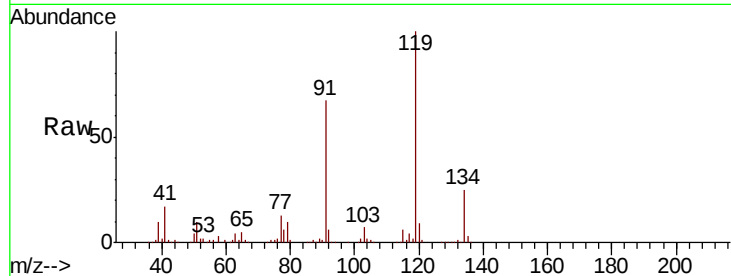




#83
 tert-Butylbenzene
 Concen: 19.460 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

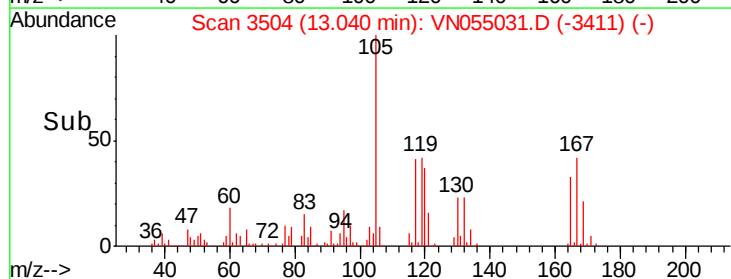
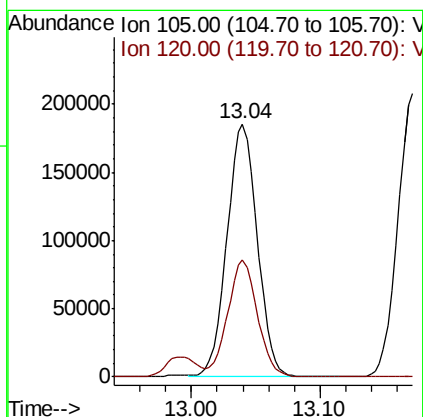
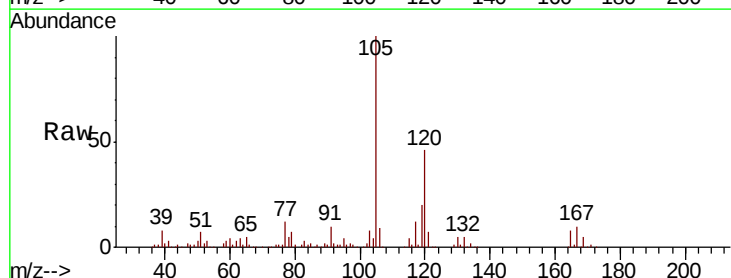
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

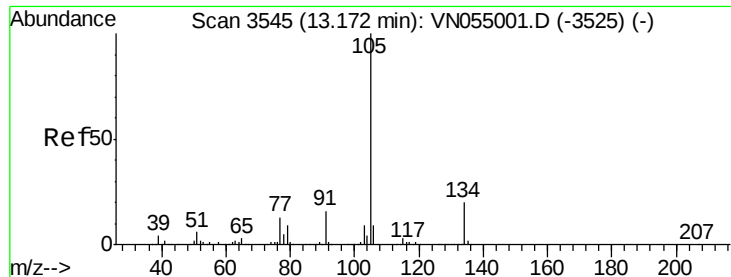
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	33.3	99.8
134	26.8	12.3	36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.891 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3





#85

sec-Butylbenzene

Concen: 18.830 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

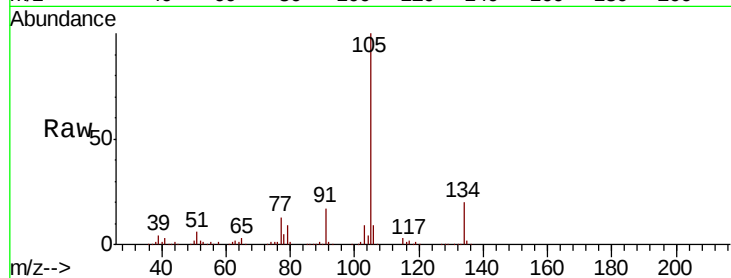
VN0414WBSD01

Tot Ion:105 Resp: 326824

Ion Ratio Lower Upper

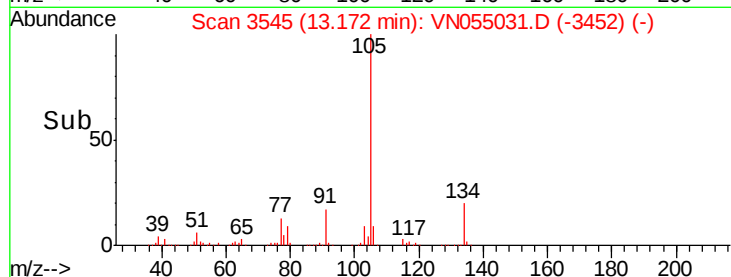
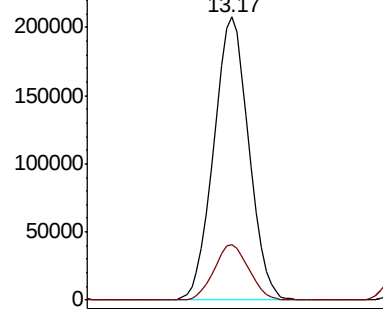
105 100

134 19.7 9.8 29.3

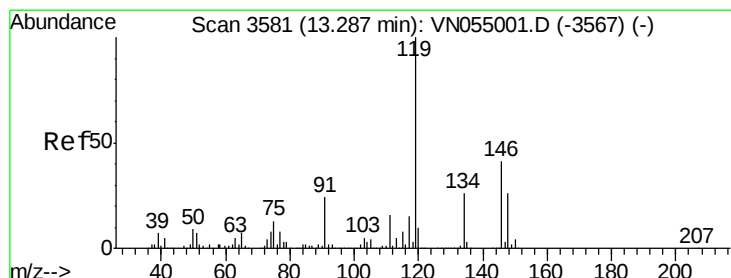


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 18.805 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

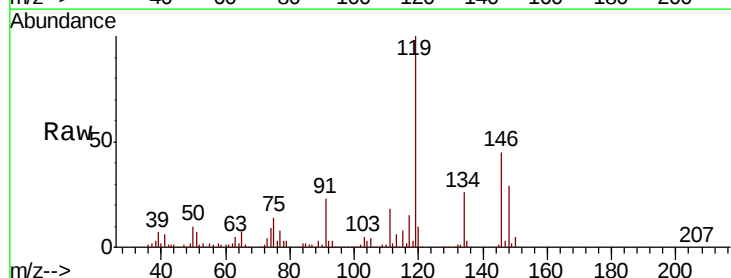
Tgt Ion:119 Resp: 283912

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

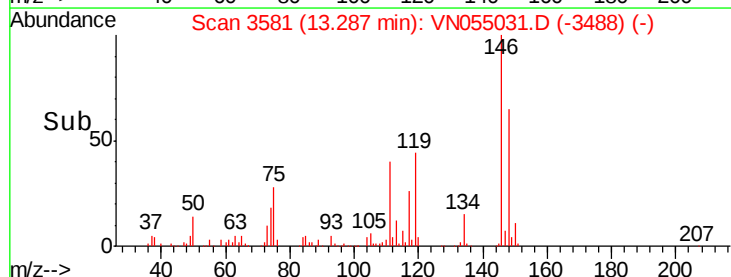
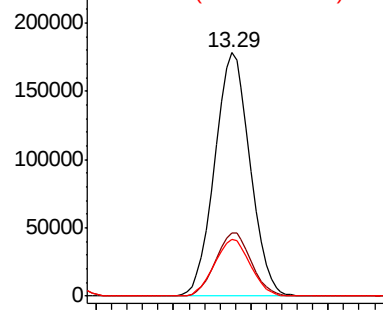
91 23.7 11.7 35.1



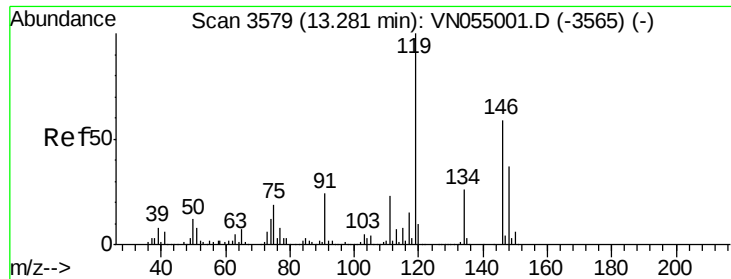
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->



#87

1,3-Dichlorobenzene

Concen: 19.232 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

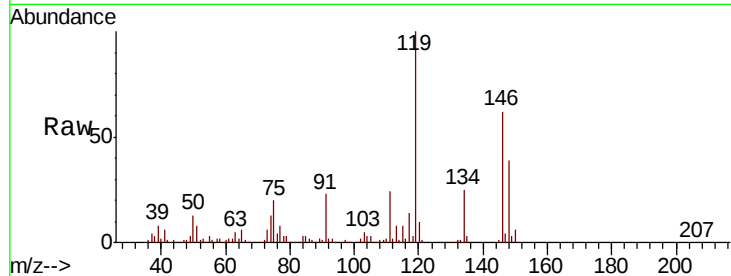
Tot Ion:146 Resp: 149759

Ion Ratio Lower Upper

146 100

111 38.8 19.5 58.5

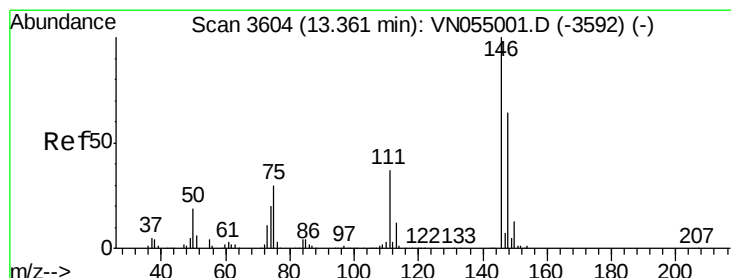
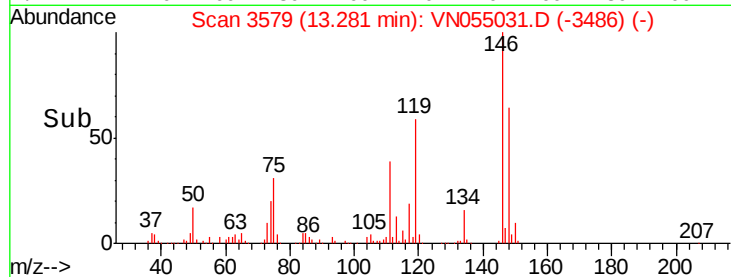
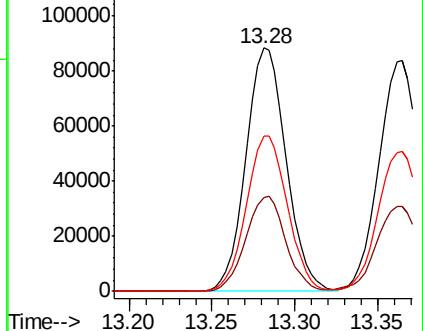
148 65.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.380 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

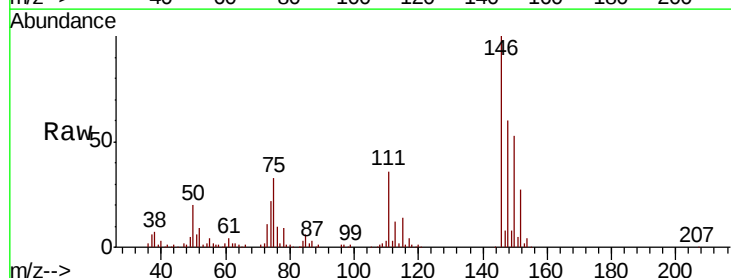
Tgt Ion:146 Resp: 144338

Ion Ratio Lower Upper

146 100

111 38.4 18.8 56.4

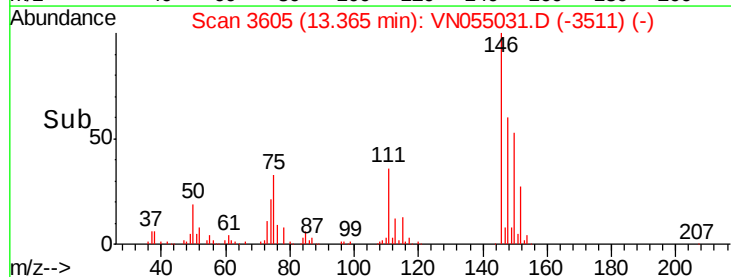
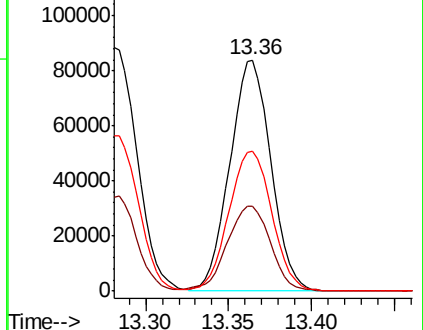
148 63.6 32.4 97.2

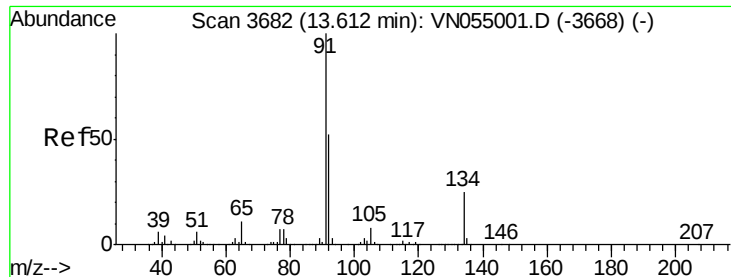


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.026 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

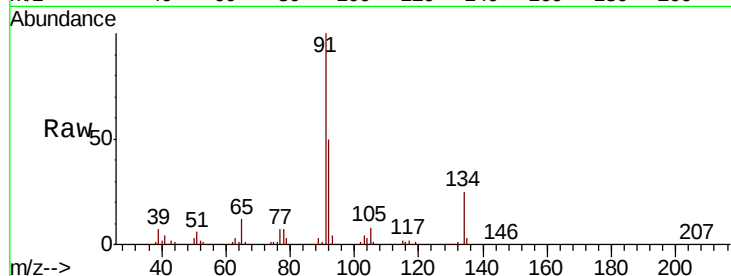
Tot Ion: 91 Resp: 201882

Ion Ratio Lower Upper

91 100

92 50.8 25.9 77.7

134 25.2 12.8 38.3

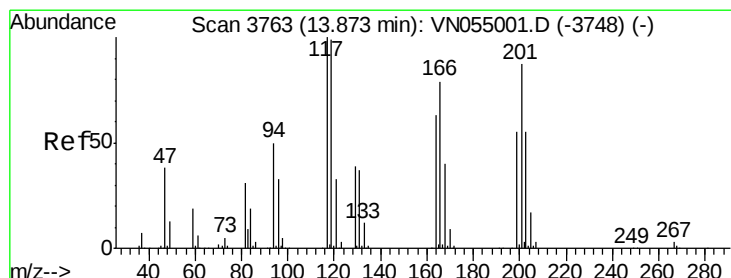
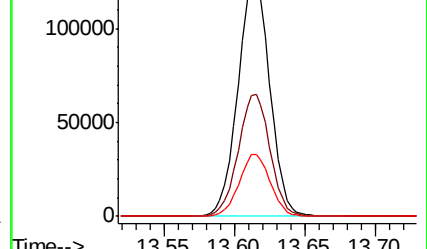
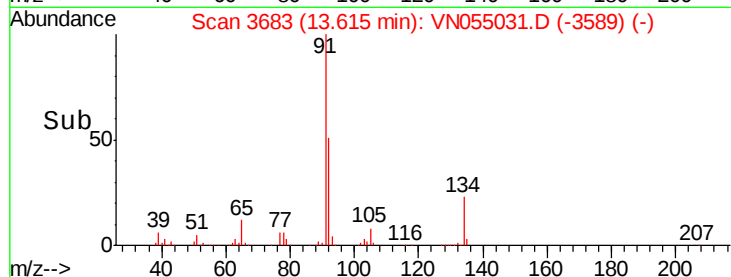


Abundance Ion 91.00 (90.70 to 91.70): VN055001.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055001.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055001.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 16.895 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055031.D

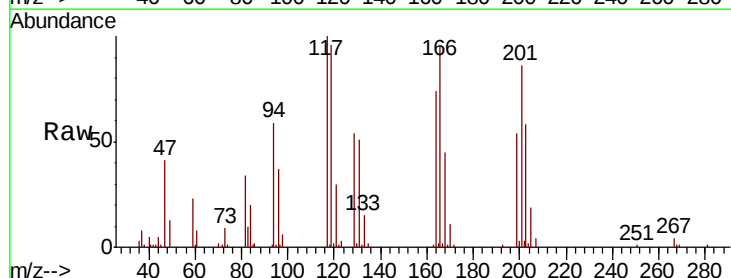
Acq: 13 Apr 2019 15:55

Tgt Ion: 117 Resp: 42149

Ion Ratio Lower Upper

117 100

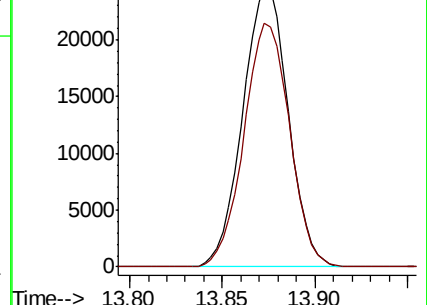
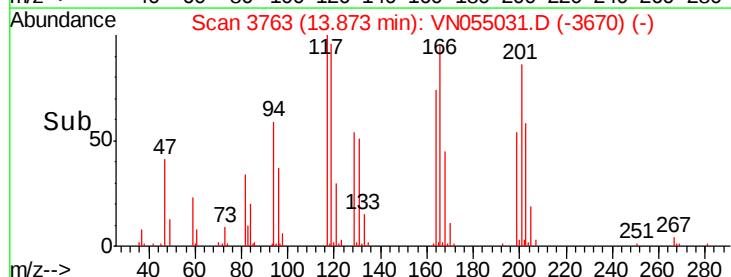
201 87.3 43.4 130.2

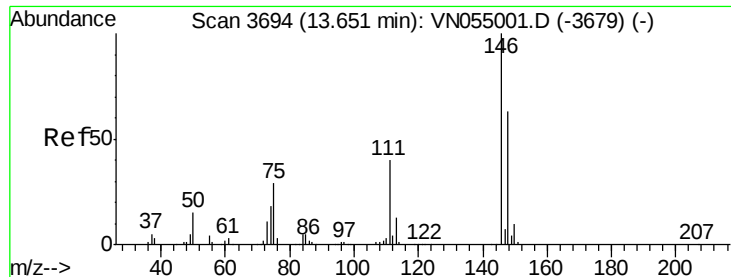


Abundance Ion 116.80 (116.50 to 117.50): VN055001.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN055001.D (-3748) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.506 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

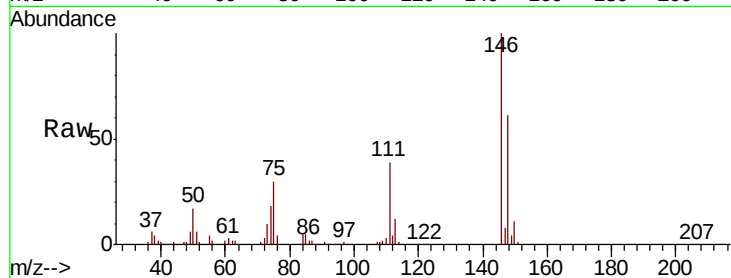
Tot Ion:146 Resp: 155016

Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

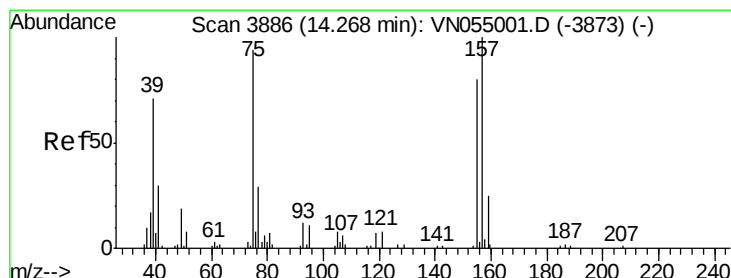
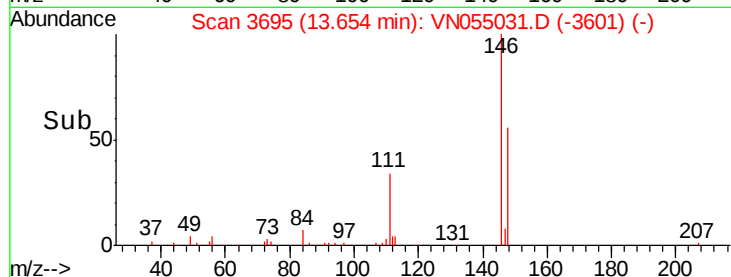
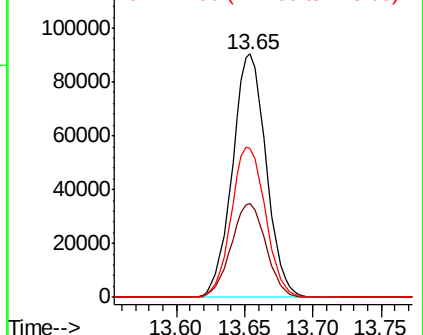
148 62.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.175 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

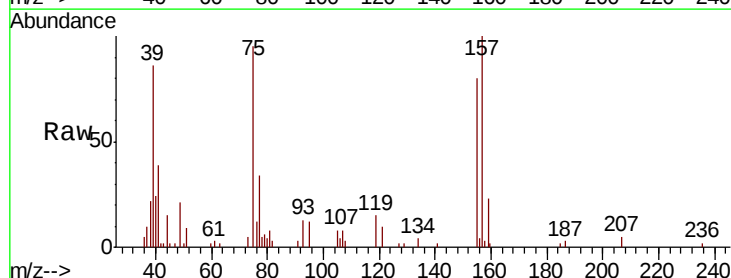
Tgt Ion: 75 Resp: 13896

Ion Ratio Lower Upper

75 100

155 88.9 42.0 126.0

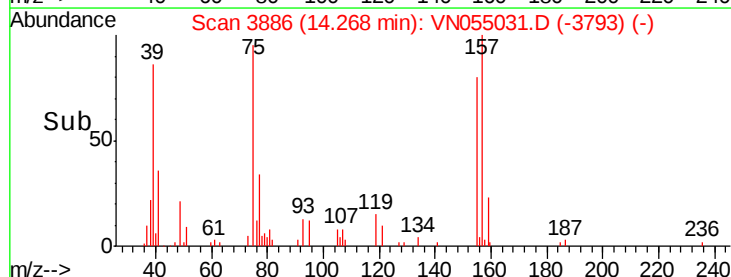
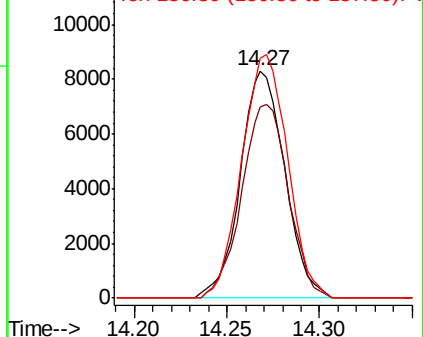
157 110.5 52.1 156.4

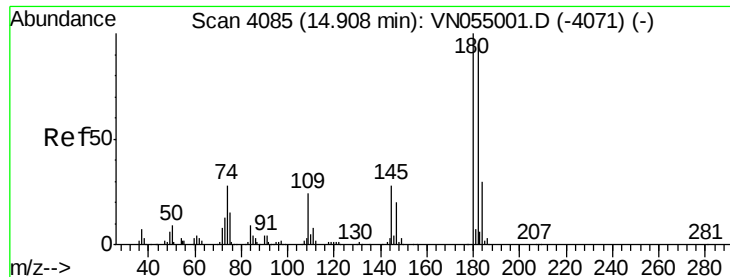


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

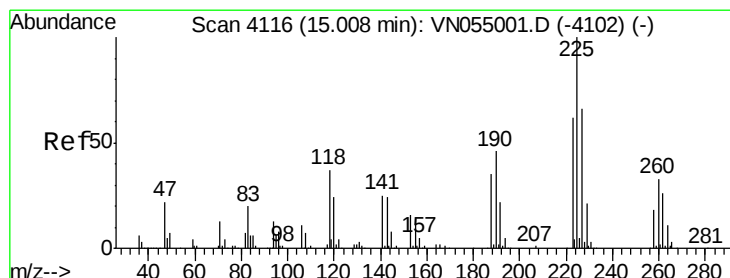
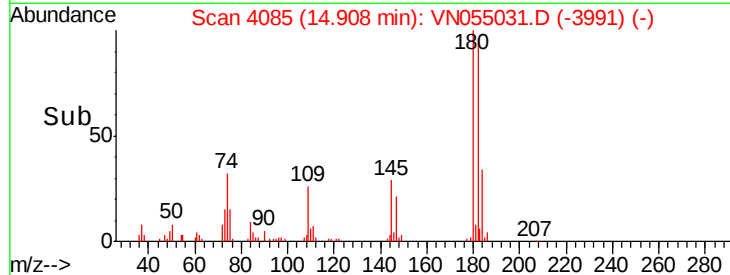
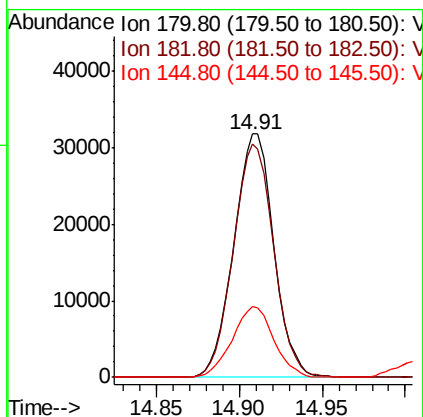
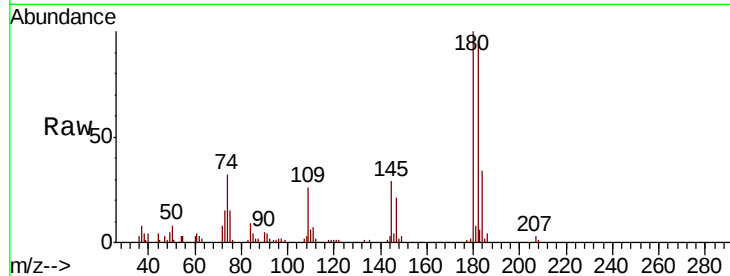




#93
 1,2,4-Trichlorobenzene
 Concen: 16.706 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

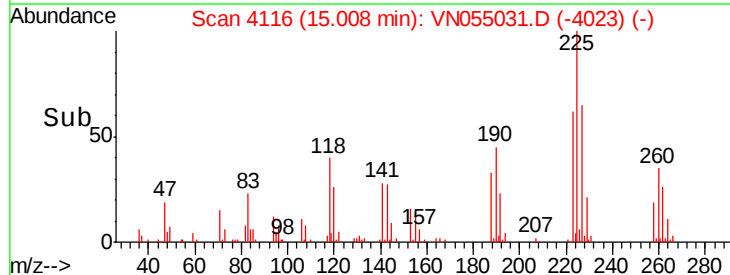
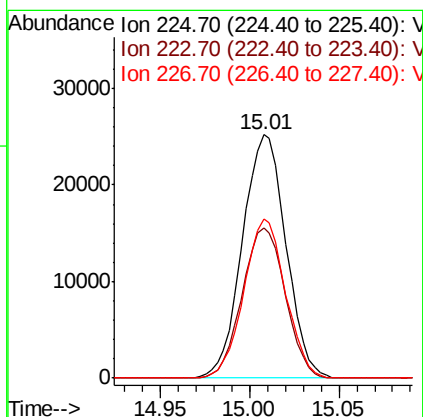
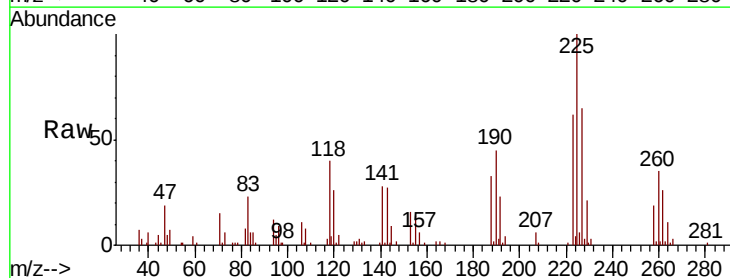
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

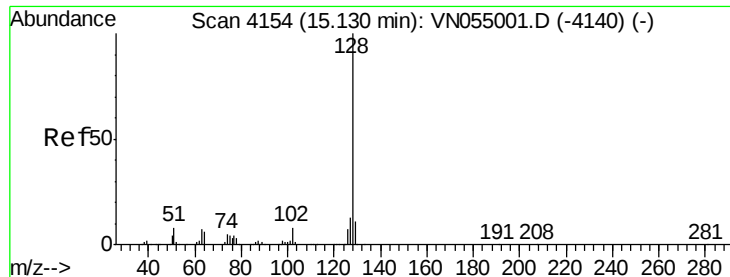
Tot Ion:180 Resp: 53224
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.5 142.6
 145 30.2 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 17.494 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055031.D
 Acq: 13 Apr 2019 15:55

Tgt Ion:225 Resp: 42866
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.4 94.0
 227 62.4 32.6 97.7





#95

Naphthalene

Concen: 18.330 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

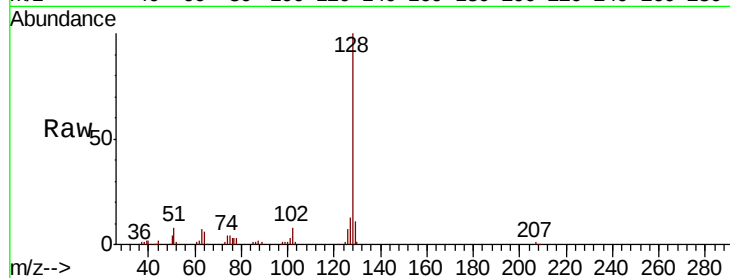
Tot Ion:128 Resp: 131976

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

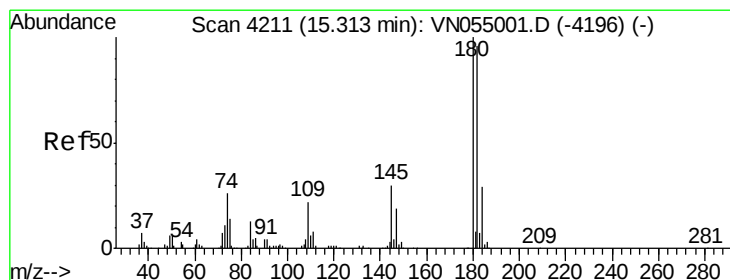
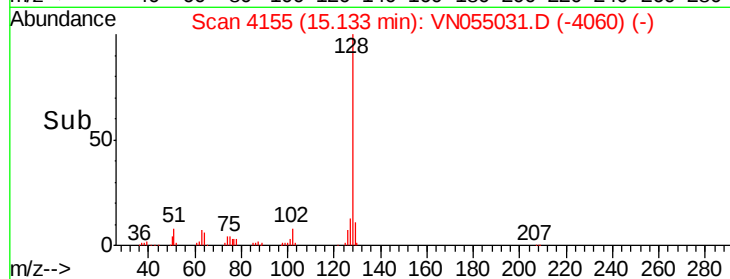
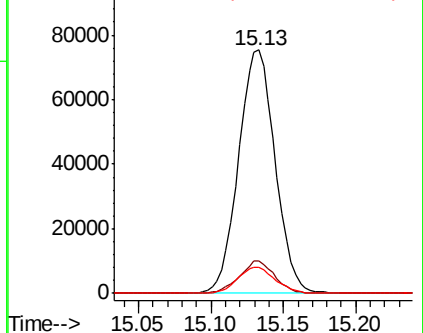
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.914 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055031.D

Acq: 13 Apr 2019 15:55

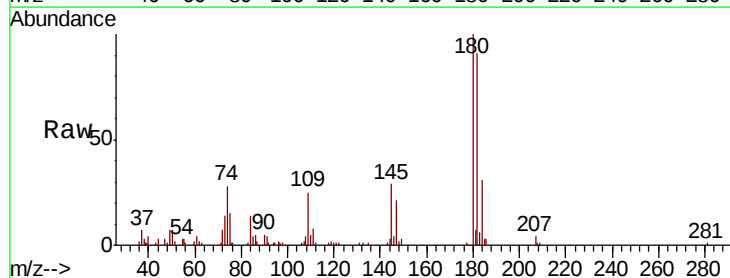
Tgt Ion:180 Resp: 57679

Ion Ratio Lower Upper

180 100

182 96.4 48.0 144.0

145 29.5 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

