

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111519\
 Data File : VN059252.D
 Acq On : 15 Nov 2019 10:12
 Operator : JC/SP
 Sample : VN1115WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

Quant Time: Nov 15 15:08:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	401198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	621207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	561944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	258612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	228555	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
35) Dibromofluoromethane	7.57	113	187134	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.08	98	694986	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.40	95	252508	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	74842	18.515	ug/l	98
3) Chloromethane	2.04	50	99182	18.050	ug/l	98
4) Vinyl Chloride	2.17	62	101226	19.001	ug/l	99
5) Bromomethane	2.54	94	60592	19.765	ug/l	100
6) Chloroethane	2.68	64	62287	19.765	ug/l	100
7) Trichlorofluoromethane	3.00	101	131299	20.606	ug/l	97
8) Diethyl Ether	3.39	74	55340	21.374	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	79240	20.625	ug/l	99
10) Methyl Iodide	3.93	142	92433	19.437	ug/l	99
11) Tert butyl alcohol	4.75	59	105990	112.769	ug/l	100
12) 1,1-Dichloroethene	3.71	96	75713	20.230	ug/l	99
13) Acrolein	3.58	56	30415	62.765	ug/l	99
14) Allyl chloride	4.30	41	154413	20.086	ug/l	98
15) Acrylonitrile	4.96	53	265610	113.554	ug/l	100
16) Acetone	3.79	43	220044	85.800	ug/l	96
17) Carbon Disulfide	4.03	76	199845	17.202	ug/l	99
18) Methyl Acetate	4.30	43	140963	23.157	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	278140	21.586	ug/l	98
20) Methylene Chloride	4.52	84	92675	20.742	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	83693	20.833	ug/l	95
22) Diisopropyl ether	5.93	45	308047	21.214	ug/l	97
23) Vinyl Acetate	5.87	43	1265663	112.464	ug/l	100
24) 1,1-Dichloroethane	5.82	63	170029	20.965	ug/l	98
25) 2-Butanone	6.81	43	349266	103.333	ug/l	97
26) 2,2-Dichloropropane	6.80	77	146615	20.674	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	98162	21.062	ug/l	98
28) Bromochloromethane	7.17	49	48751	19.980	ug/l	97
29) Tetrahydrofuran	7.19	42	237659	110.660	ug/l	99
30) Chloroform	7.35	83	168301	21.632	ug/l	99
31) Cyclohexane	7.63	56	142883	18.610	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	140949	21.548	ug/l	99
36) 1,1-Dichloropropene	7.77	75	121049	20.847	ug/l	99
37) Ethyl Acetate	6.90	43	145153	22.471	ug/l	99
38) Carbon Tetrachloride	7.75	117	119582	20.691	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	132507	19.663	ug/l	98
40) Benzene	8.02	78	368265	21.061	ug/l	100
41) Methacrylonitrile	7.15	41	55066	19.604	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	128449	21.419	ug/l	100
43) Isopropyl Acetate	8.15	43	220527	21.414	ug/l	99
44) Trichloroethene	8.82	130	89779	20.888	ug/l	97
45) 1,2-Dichloropropane	9.10	63	103790	21.854	ug/l	96
46) Dibromomethane	9.19	93	62428	21.094	ug/l	98
47) Bromodichloromethane	9.39	83	126270	21.367	ug/l	95
48) Methyl methacrylate	9.19	41	94610	20.539	ug/l	96
49) 1,4-Dioxane	9.18	88	38988	476.270	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	708461	121.584	ug/l	99
52) Toluene	10.15	92	222973	21.276	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	143648	21.039	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	156299	21.282	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	92922	21.908	ug/l	99
56) Ethyl methacrylate	10.42	69	137147	20.534	ug/l	97
57) 1,3-Dichloropropane	10.70	76	161540	22.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	261886	110.947	ug/l	100
59) 2-Hexanone	10.74	43	510442	114.130	ug/l	99
60) Dibromochloromethane	10.90	129	98663	22.001	ug/l	99
61) 1,2-Dibromoethane	11.00	107	93302	21.730	ug/l	100
64) Tetrachloroethene	10.63	164	79816	20.888	ug/l	98
65) Chlorobenzene	11.43	112	245798	22.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	91426	22.249	ug/l	99
67) Ethyl Benzene	11.51	91	423806	21.806	ug/l	100
68) m/p-Xylenes	11.62	106	313314	43.035	ug/l	99
69) o-Xylene	11.94	106	150618	21.407	ug/l	98
70) Styrene	11.96	104	239125	21.610	ug/l	100
71) Bromoform	12.13	173	70562	22.076	ug/l #	99
73) Isopropylbenzene	12.25	105	409622	21.775	ug/l	100
74) N-amyl acetate	12.07	43	168292	21.113	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	146119	22.809	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	186114	31.610	ug/l #	100
77) Bromobenzene	12.53	156	99771	21.110	ug/l	99
78) n-propylbenzene	12.59	91	463773	21.532	ug/l	100
79) 2-Chlorotoluene	12.67	91	280548	20.996	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	342850	21.509	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	47631	21.368	ug/l	98
82) 4-Chlorotoluene	12.77	91	283056	21.121	ug/l	98
83) tert-Butylbenzene	12.99	119	295316	21.453	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	337863	21.908	ug/l	99
85) sec-Butylbenzene	13.17	105	386528	21.591	ug/l	100
86) p-Isopropyltoluene	13.29	119	345270	21.842	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	171450	21.184	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	169431	20.924	ug/l	99
89) n-Butylbenzene	13.62	91	286048	20.675	ug/l	99
90) Hexachloroethane	13.88	117	67087	21.135	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	172251	21.636	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27936	21.872	ug/l	98

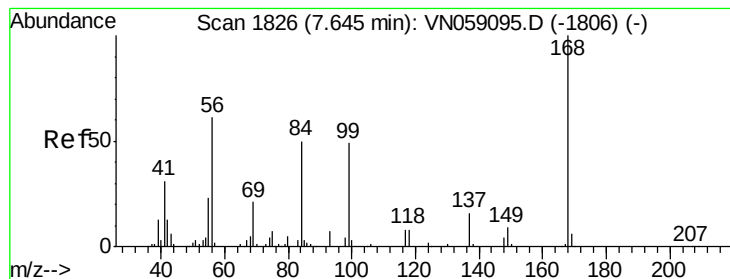
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111519\
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	87530	20.063	ug/l	100
94) Hexachlorobutadiene	15.01	225	58599	21.347	ug/l	98
95) Naphthalene	15.13	128	235737	19.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	91126	20.424	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

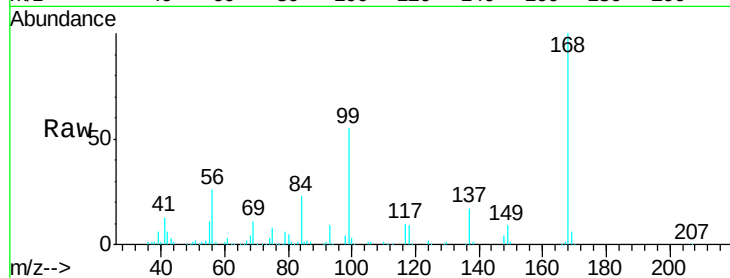
VN1115WBS01

Tgt Ion:168 Resp: 401198

Ion Ratio Lower Upper

168 100

99 54.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

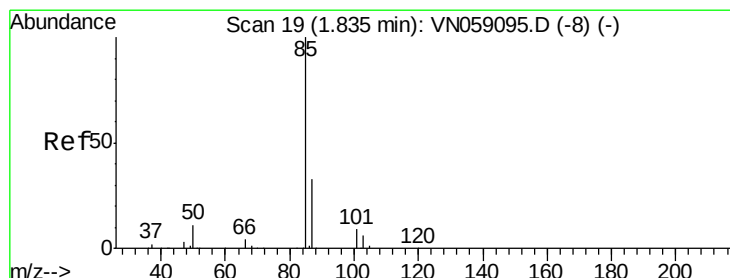
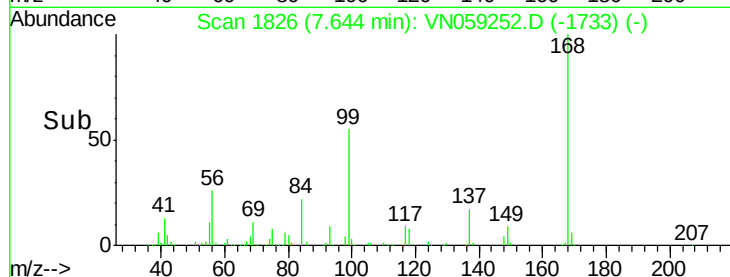
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.515 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059252.D

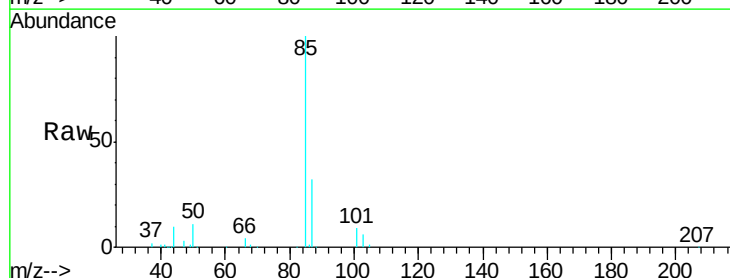
Acq: 15 Nov 2019 10:12

Tgt Ion: 85 Resp: 74842

Ion Ratio Lower Upper

85 100

87 31.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

30000

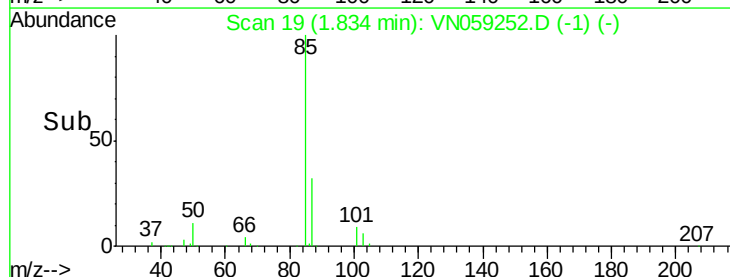
20000

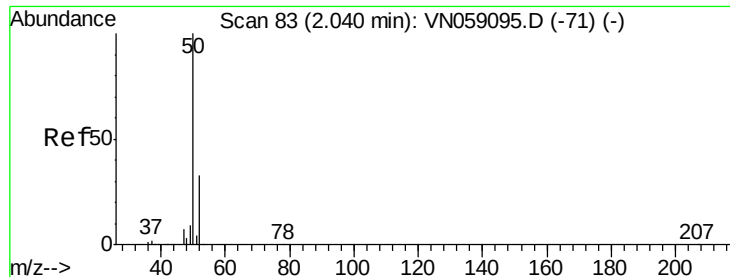
10000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.050 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

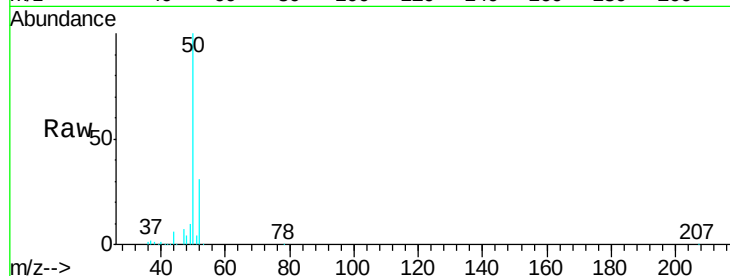
VN1115WBS01

Tgt Ion: 50 Resp: 99182

Ion Ratio Lower Upper

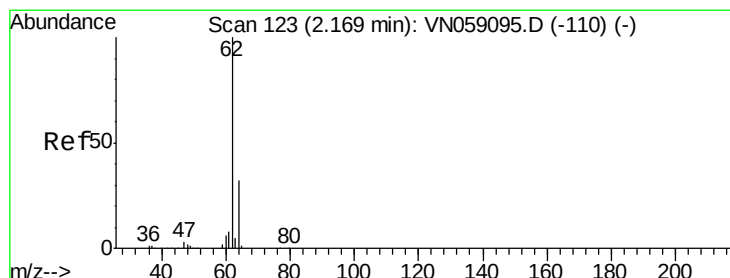
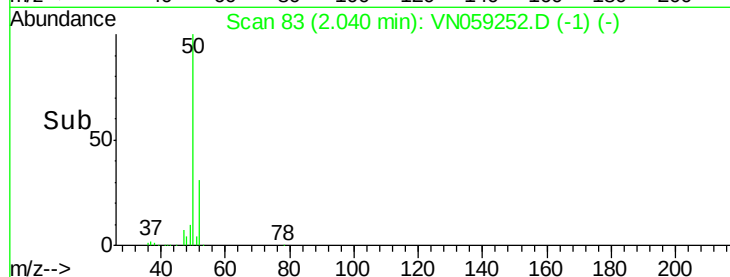
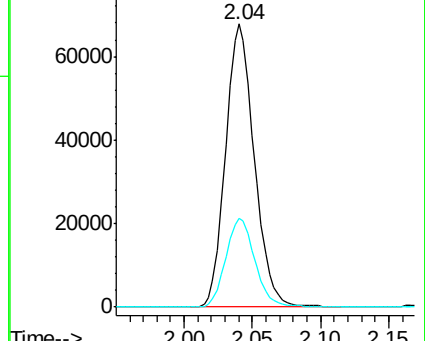
50 100

52 31.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN059095.D (-71) (-)

Ion 51.90 (51.60 to 52.60): VN059095.D (-71) (-)



#4

Vinyl Chloride

Concen: 19.001 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059252.D

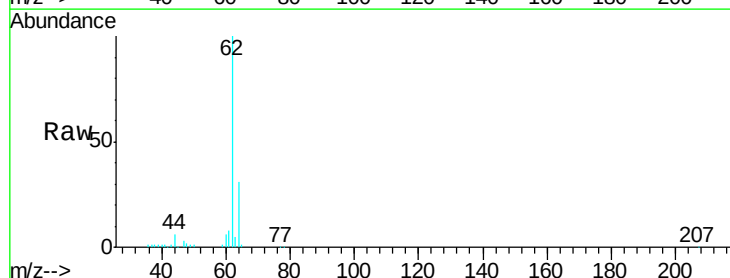
Acq: 15 Nov 2019 10:12

Tgt Ion: 62 Resp: 101226

Ion Ratio Lower Upper

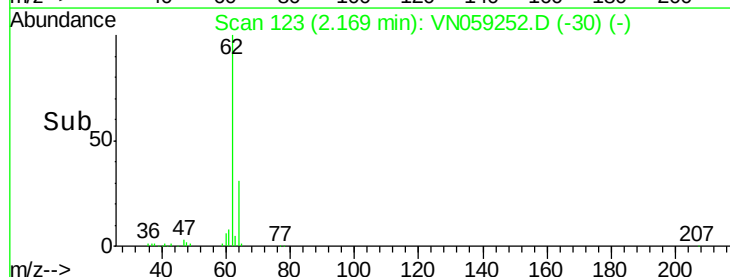
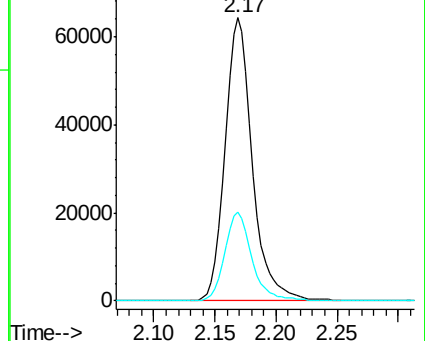
62 100

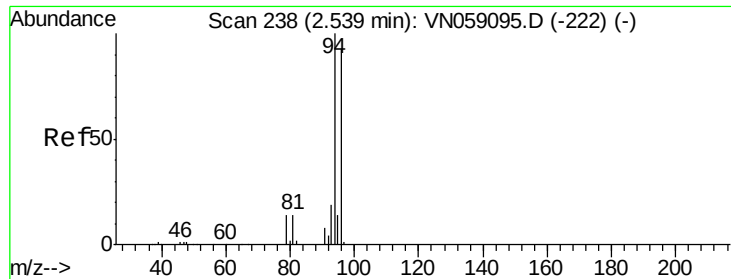
64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN059095.D (-110) (-)

Ion 63.90 (63.60 to 64.60): VN059095.D (-110) (-)





#5

Bromomethane

Concen: 19.765 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

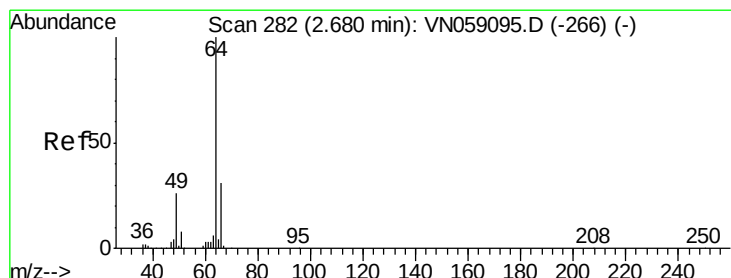
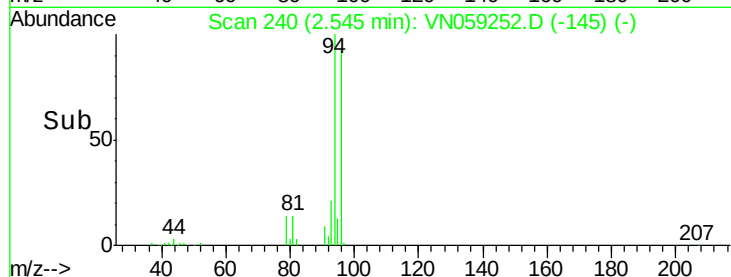
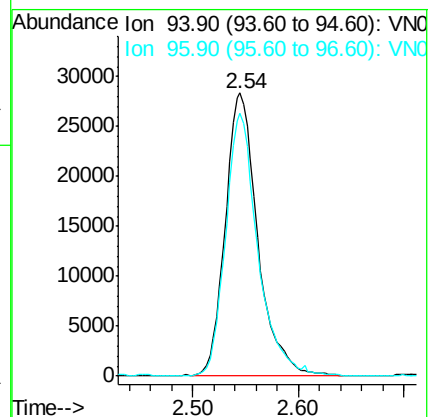
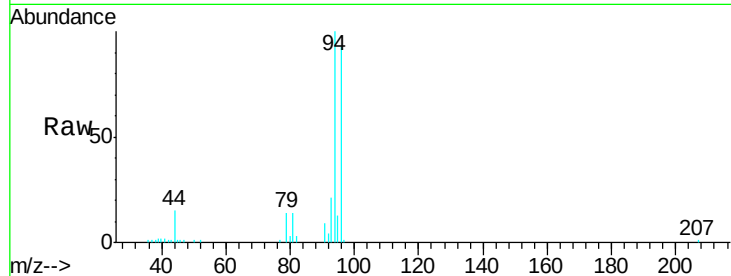
VN1115WBS01

Tgt Ion: 94 Resp: 60592

Ion Ratio Lower Upper

94 100

96 92.9 74.2 111.2



#6

Chloroethane

Concen: 19.765 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059252.D

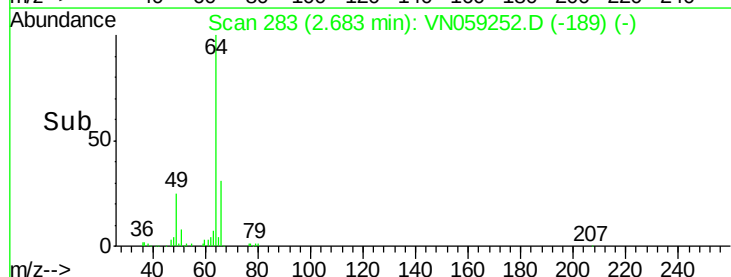
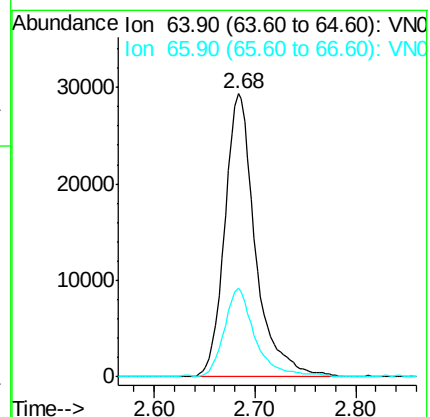
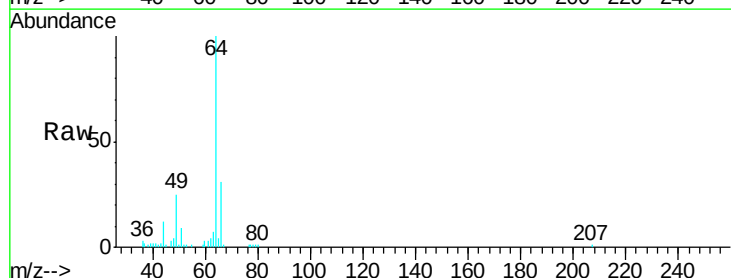
Acq: 15 Nov 2019 10:12

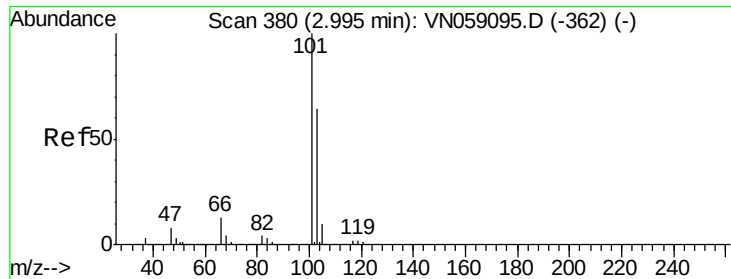
Tgt Ion: 64 Resp: 62287

Ion Ratio Lower Upper

64 100

66 31.4 25.2 37.8



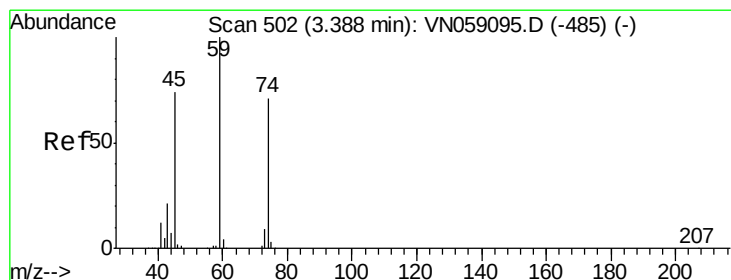
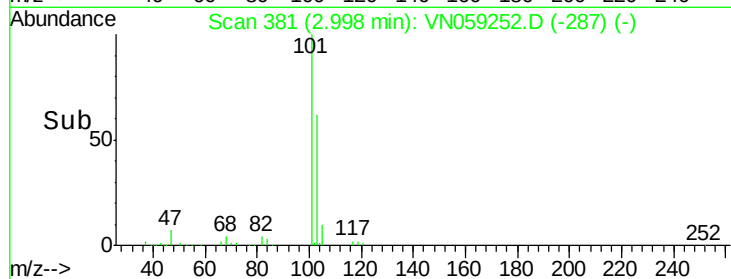
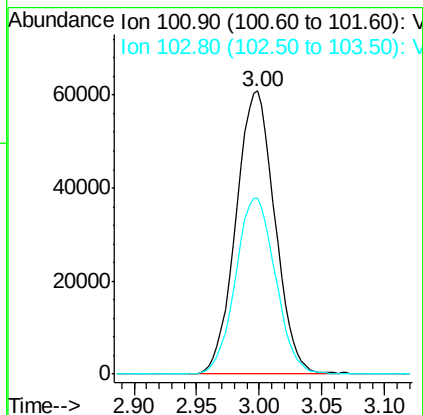
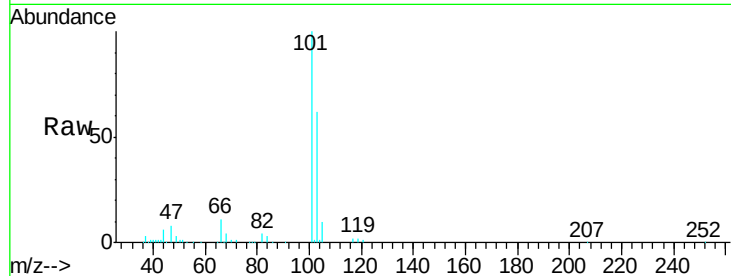


#7

Trichlorofluoromethane
 Concen: 20.606 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

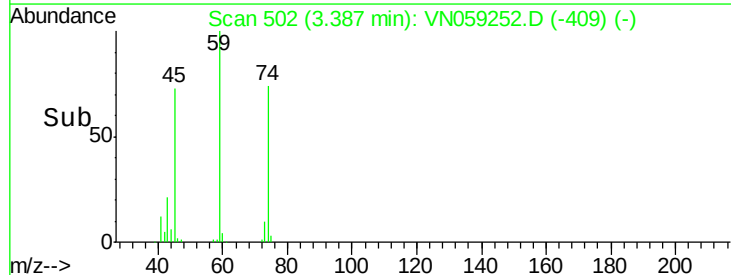
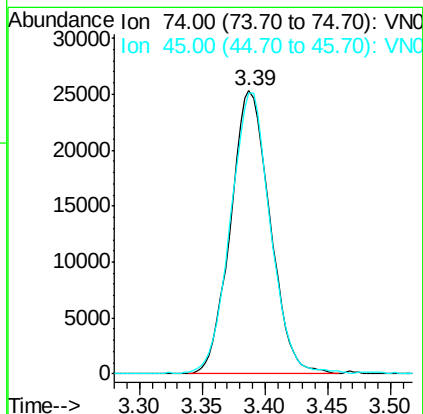
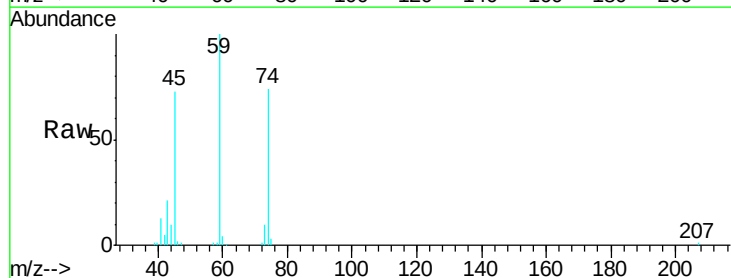
Tgt Ion:101 Resp: 131299
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.2 76.8

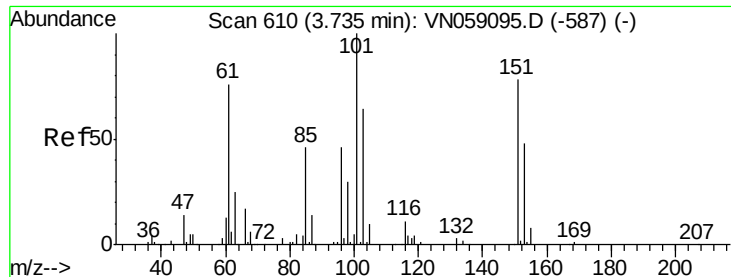


#8

Diethyl Ether
 Concen: 21.374 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

Tgt Ion: 74 Resp: 55340
 Ion Ratio Lower Upper
 74 100
 45 100.5 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.625 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

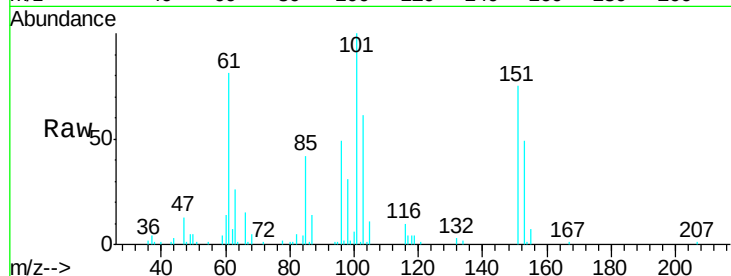
Tgt Ion:101 Resp: 79240

Ion Ratio Lower Upper

101 100

85 44.4 35.5 53.3

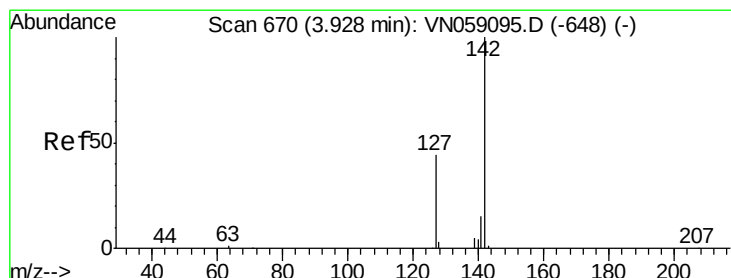
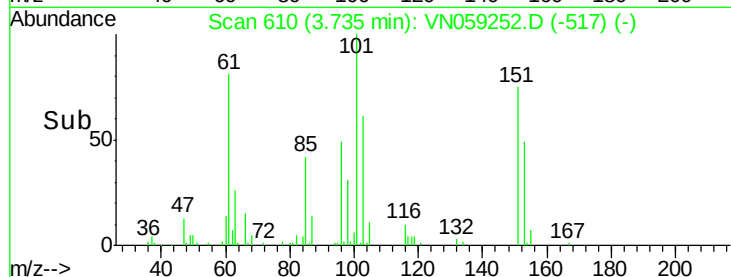
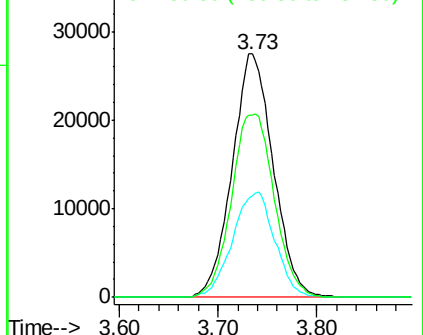
151 78.4 62.2 93.2



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: 19.437 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

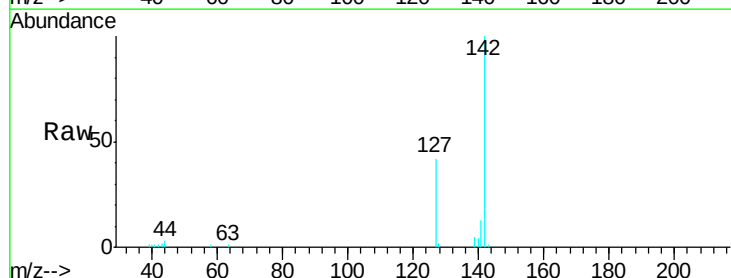
Tgt Ion:142 Resp: 92433

Ion Ratio Lower Upper

142 100

127 42.1 34.2 51.2

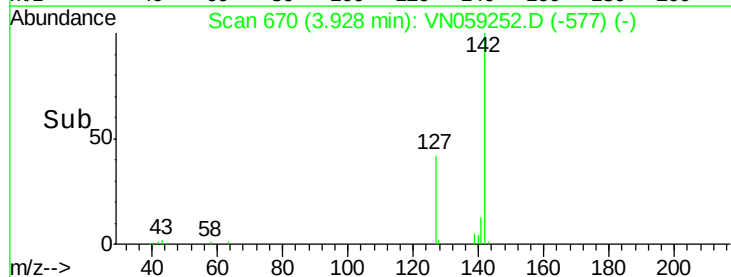
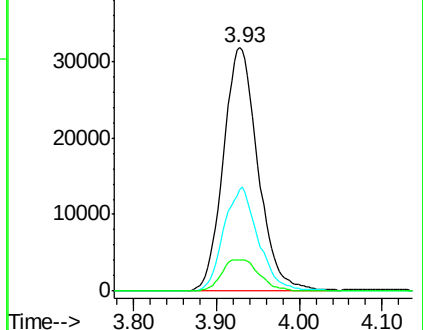
141 13.9 11.4 17.0

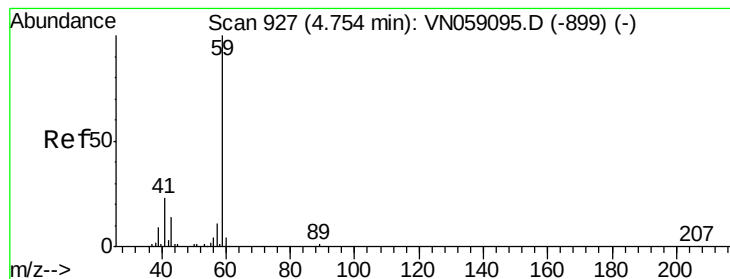


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 112.769 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

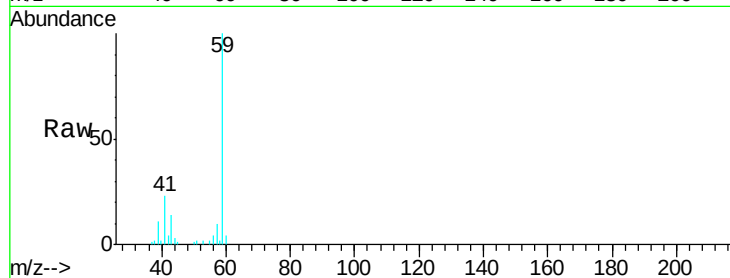
VN1115WBS01

Tgt Ion: 59 Resp: 105990

Ion Ratio Lower Upper

59 100

57 10.4 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.75

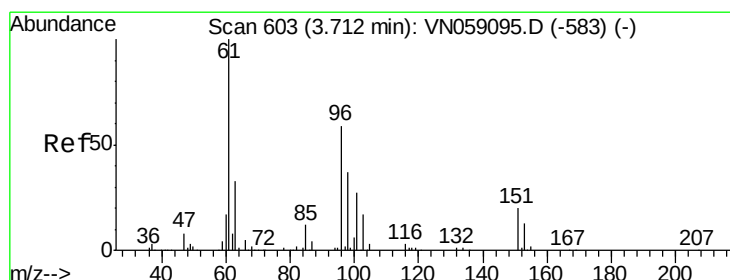
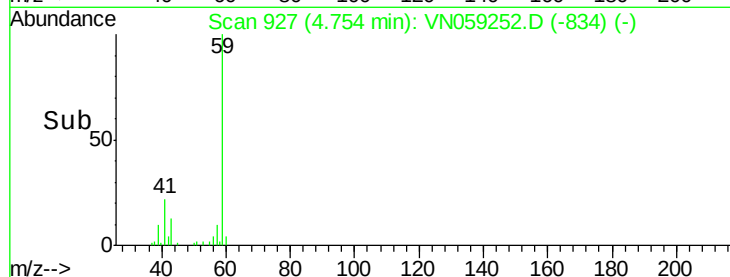
30000

20000

10000

0

Time--> 4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 20.230 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

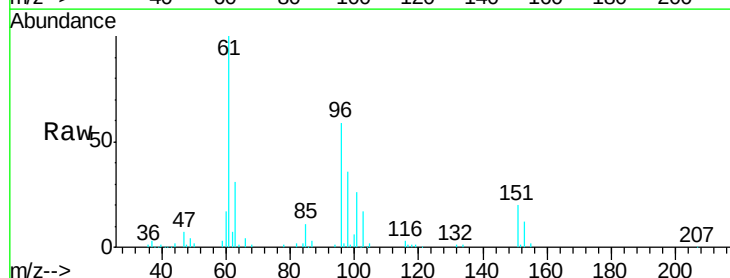
Tgt Ion: 96 Resp: 75713

Ion Ratio Lower Upper

96 100

61 169.6 136.5 204.7

98 61.5 50.2 75.4



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

3.71

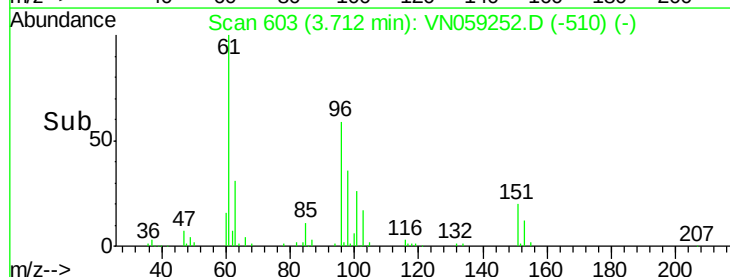
60000

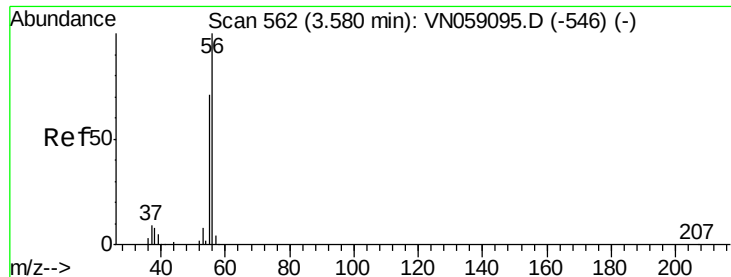
40000

20000

0

Time--> 3.60 3.70 3.80





#13

Acrolein

Concen: 62.765 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

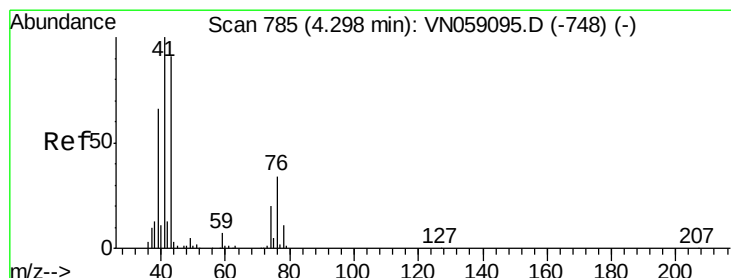
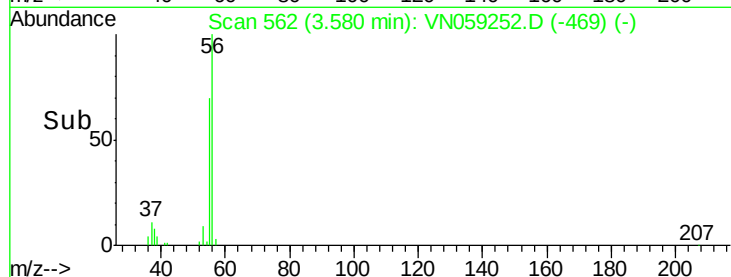
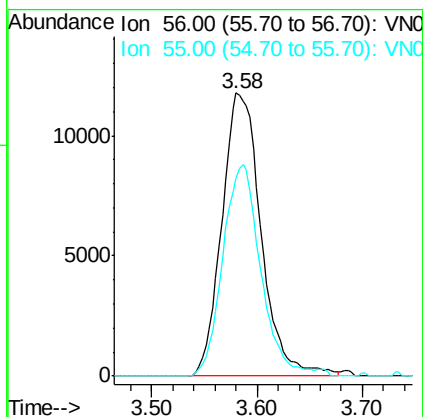
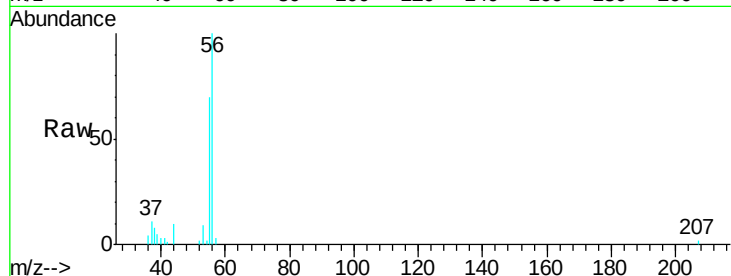
VN1115WBS01

Tgt Ion: 56 Resp: 30415

Ion Ratio Lower Upper

56 100

55 71.7 56.4 84.6



#14

Allyl chloride

Concen: 20.086 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

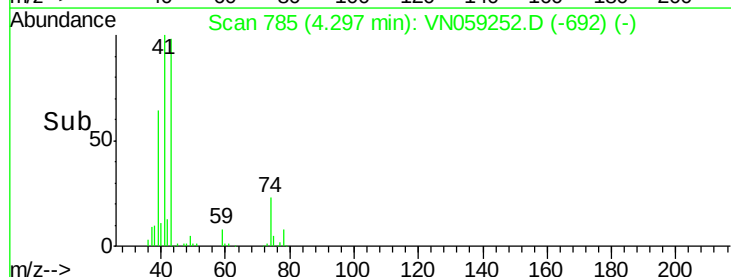
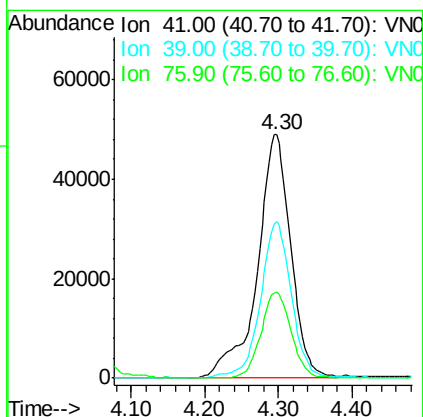
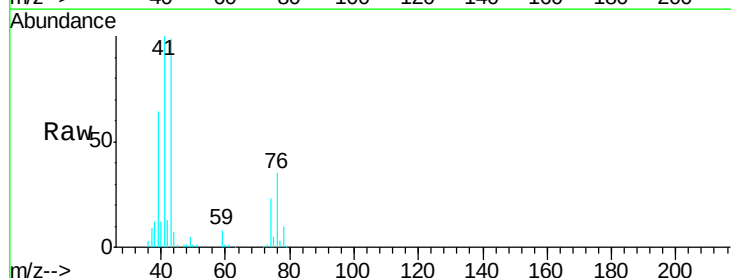
Tgt Ion: 41 Resp: 154413

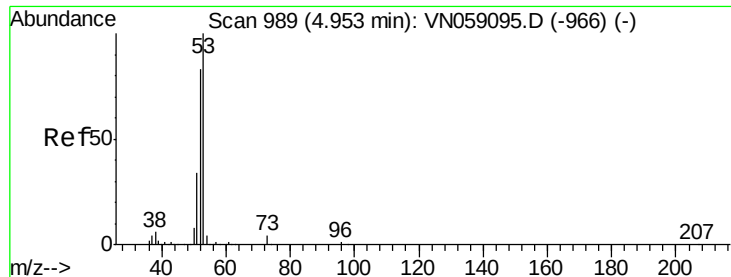
Ion Ratio Lower Upper

41 100

39 59.2 49.1 73.7

76 31.7 24.9 37.3





#15

Acrylonitrile

Concen: 113.554 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

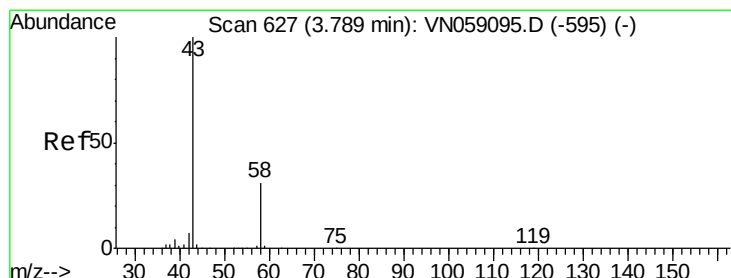
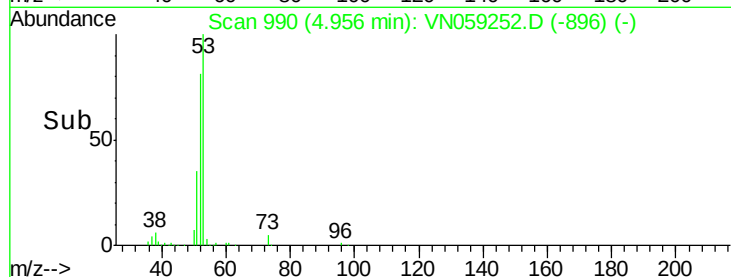
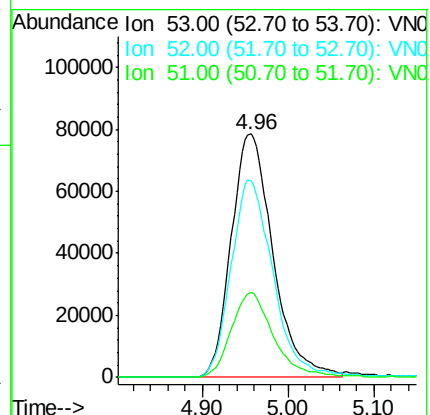
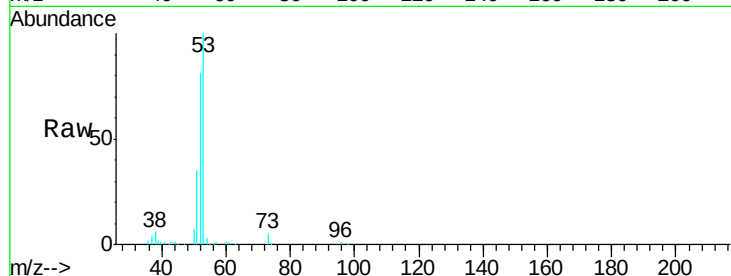
Tgt Ion: 53 Resp: 265610

Ion Ratio Lower Upper

53 100

52 81.4 65.0 97.6

51 35.0 28.0 42.0



#16

Acetone

Concen: 85.800 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059252.D

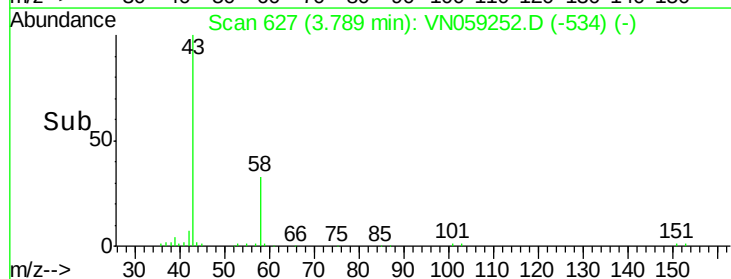
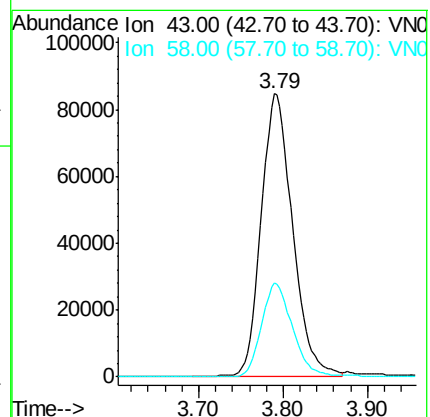
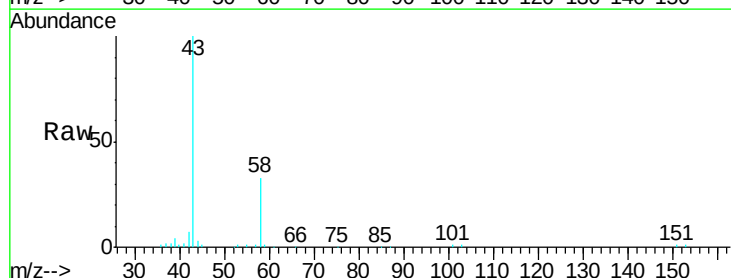
Acq: 15 Nov 2019 10:12

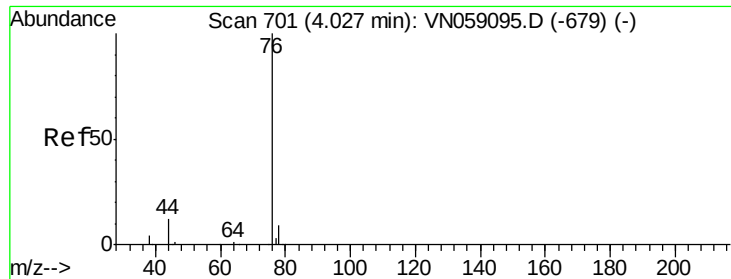
Tgt Ion: 43 Resp: 220044

Ion Ratio Lower Upper

43 100

58 33.0 24.9 37.3





#17

Carbon Disulfide

Concen: 17.202 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

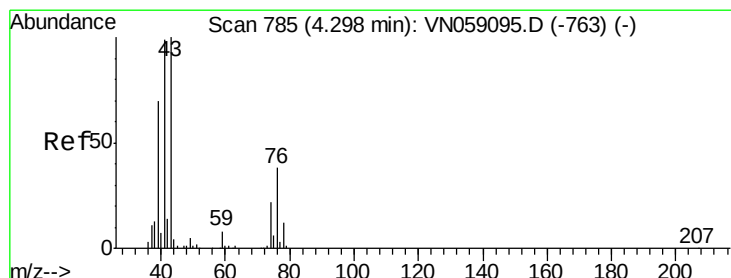
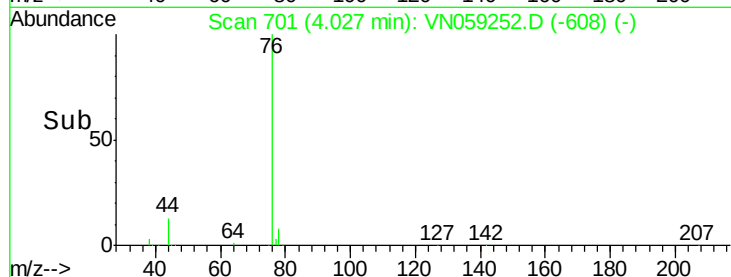
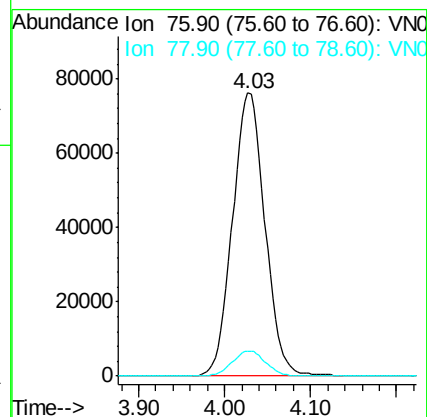
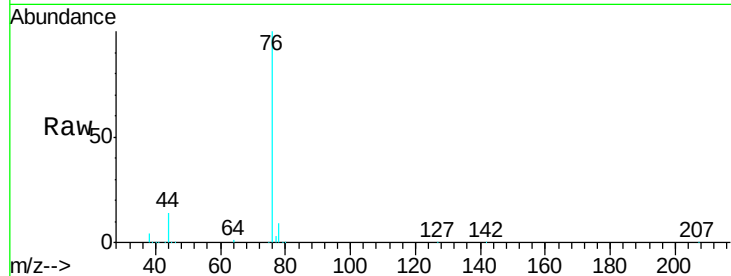
VN1115WBS01

Tgt Ion: 76 Resp: 199845

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 23.157 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059252.D

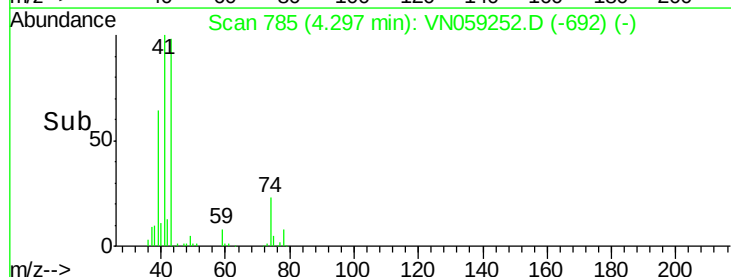
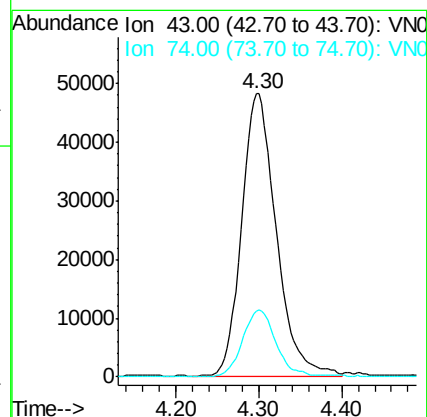
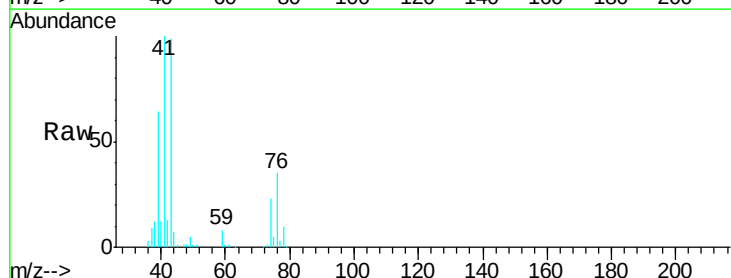
Acq: 15 Nov 2019 10:12

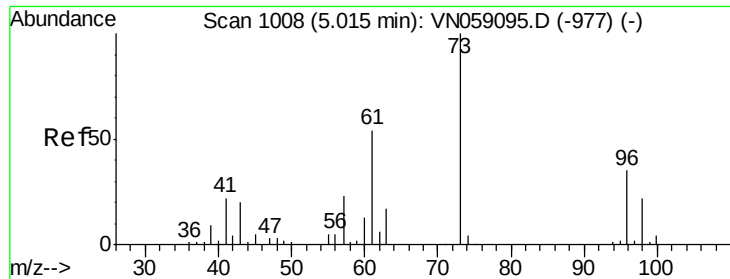
Tgt Ion: 43 Resp: 140963

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.8

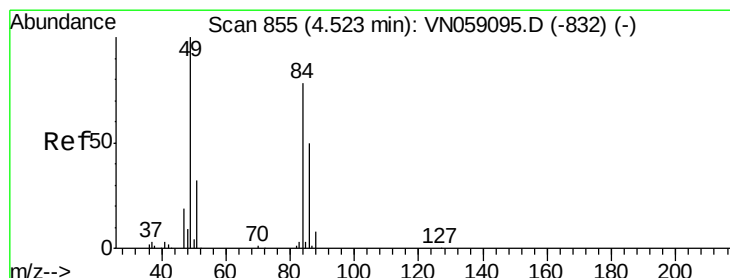
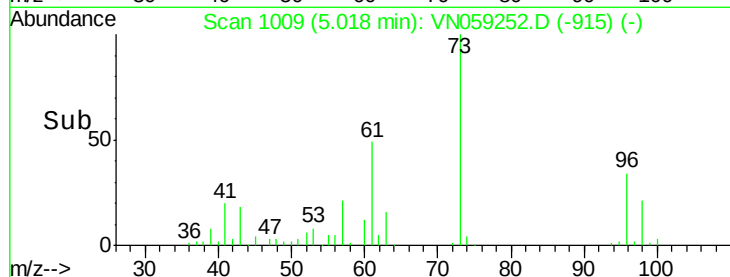
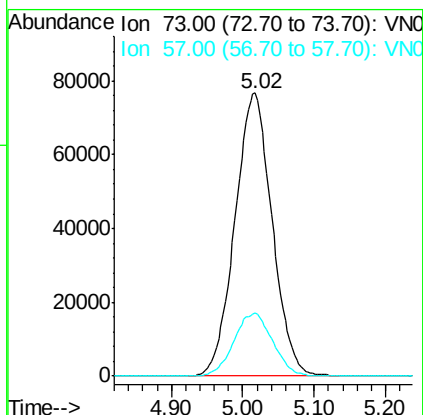
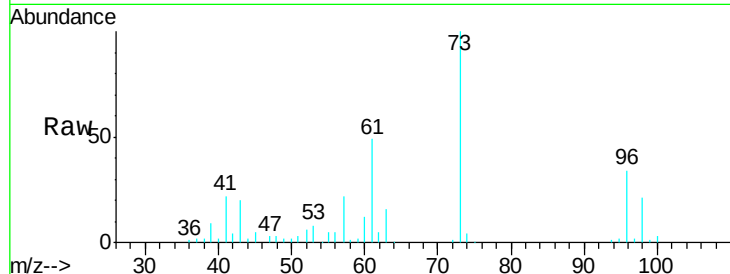




#19
Methyl tert-butyl Ether
Concen: 21.586 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

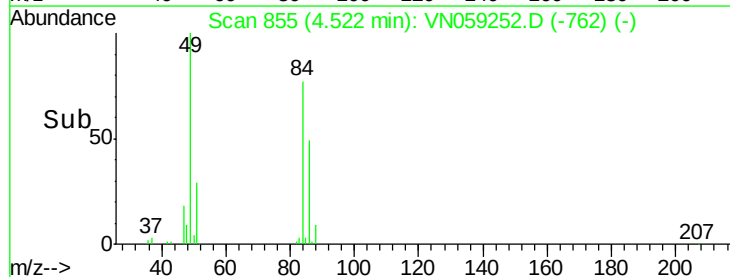
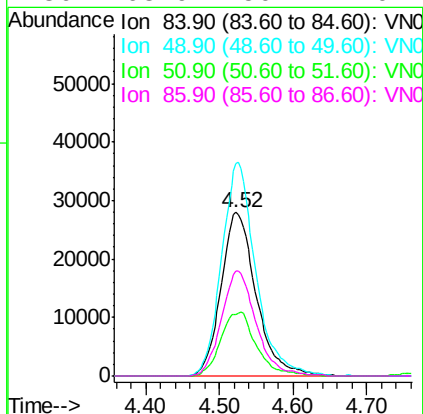
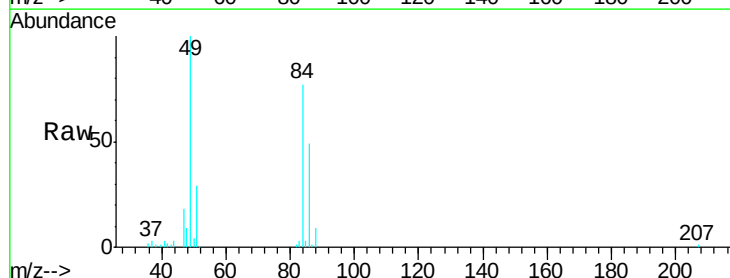
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

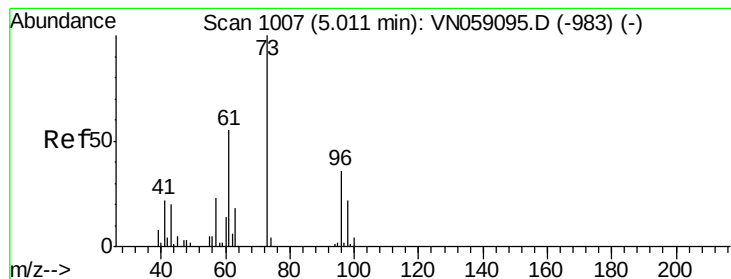
Tgt Ion: 73 Resp: 278140
Ion Ratio Lower Upper
73 100
57 22.3 18.4 27.6



#20
Methylene Chloride
Concen: 20.742 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

Tgt Ion: 84 Resp: 92675
Ion Ratio Lower Upper
84 100
49 130.2 102.0 153.0
51 37.7 32.2 48.2
86 63.9 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.833 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

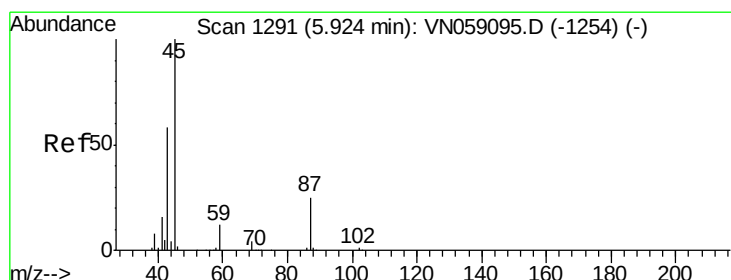
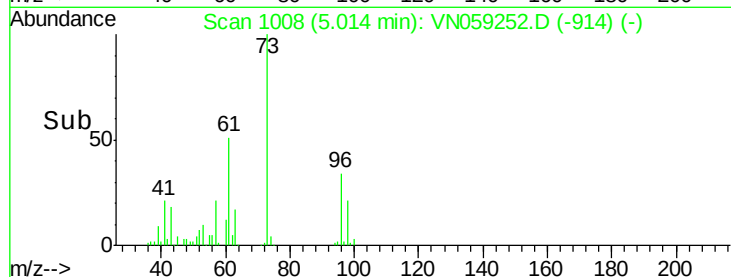
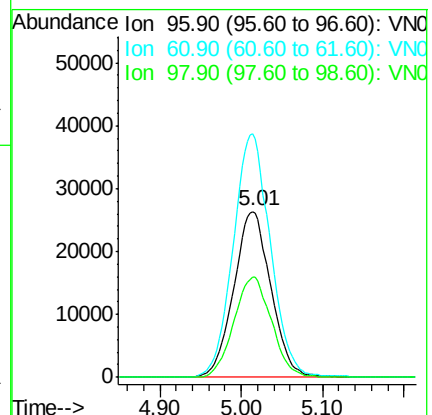
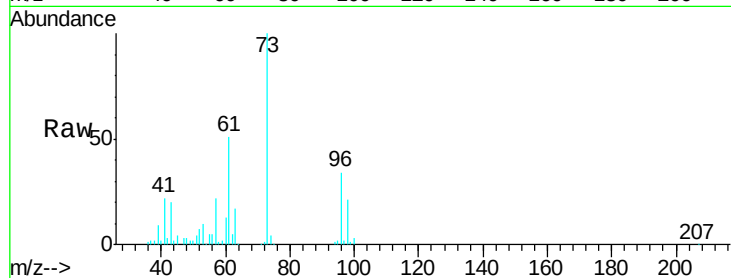
Tgt Ion: 96 Resp: 83693

Ion Ratio Lower Upper

96 100

61 146.6 122.6 183.8

98 60.4 50.3 75.5



#22

Diisopropyl ether

Concen: 21.214 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Tgt Ion: 45 Resp: 308047

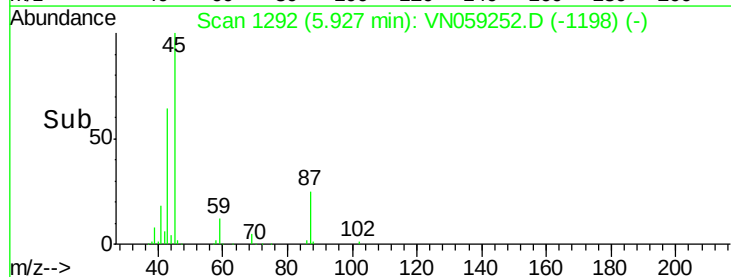
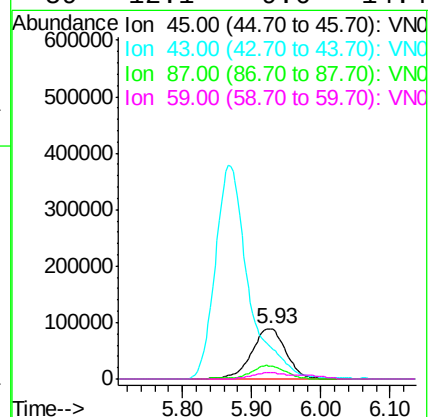
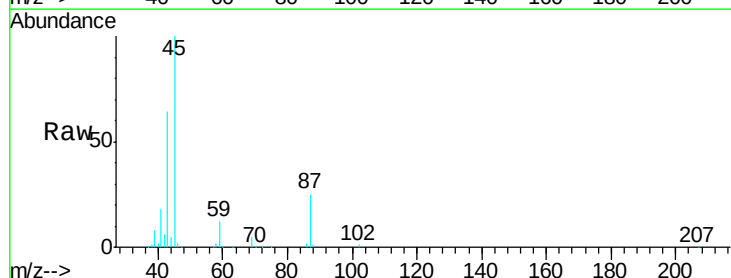
Ion Ratio Lower Upper

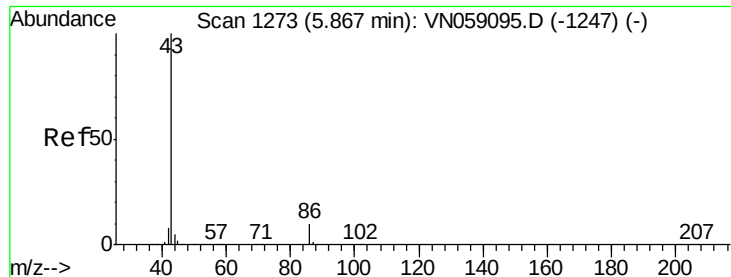
45 100

43 62.0 46.7 70.1

87 25.1 20.5 30.7

59 12.1 9.6 14.4





#23

Vinyl Acetate

Concen: 112.464 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

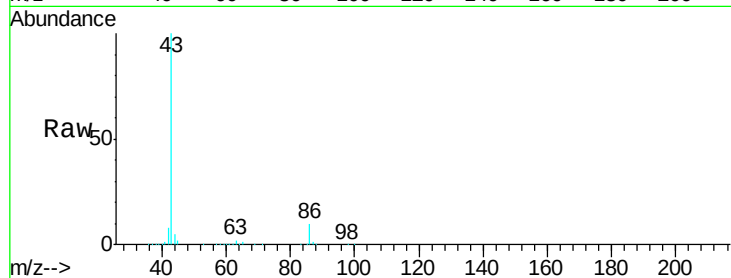
VN1115WBS01

Tgt Ion: 43 Resp: 1265663

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN059095.D (-1247) (-)

5.87

400000

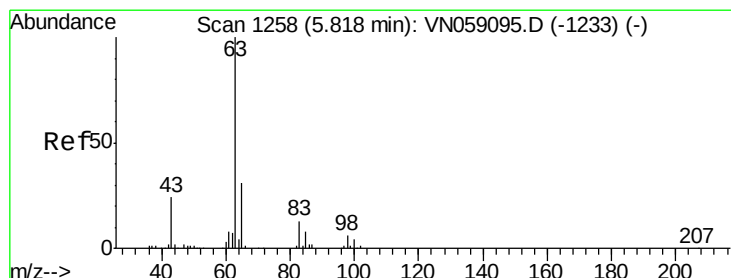
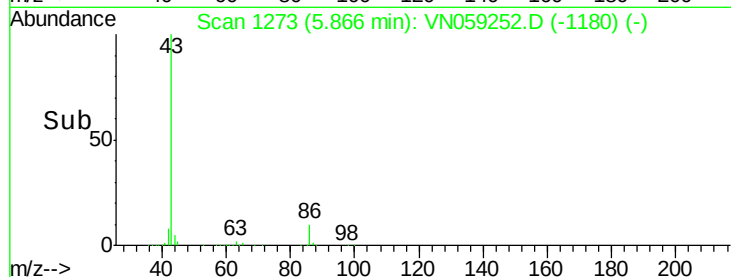
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.965 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

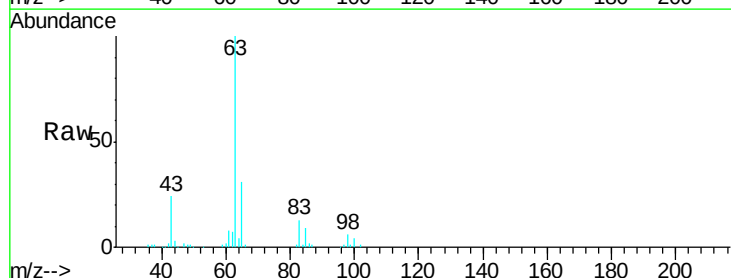
Tgt Ion: 63 Resp: 170029

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

100 4.2 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059095.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN059095.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN059095.D (-1233) (-)

5.82

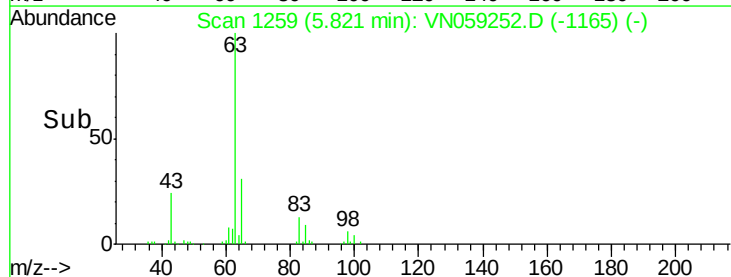
60000

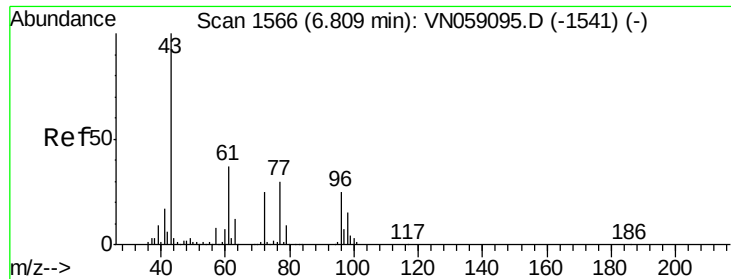
40000

20000

0

Time-->





#25

2-Butanone

Concen: 103.333 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

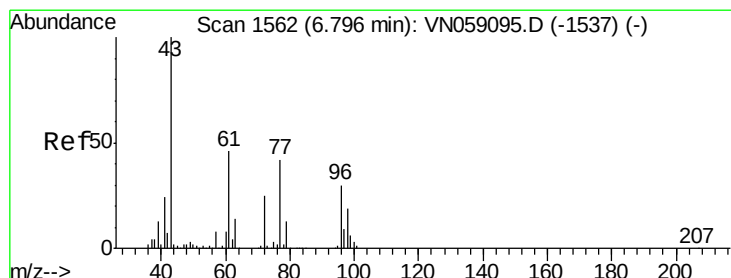
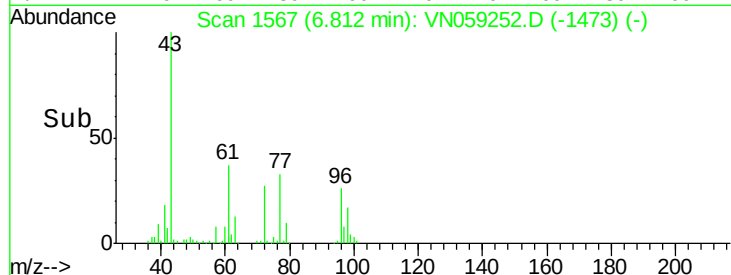
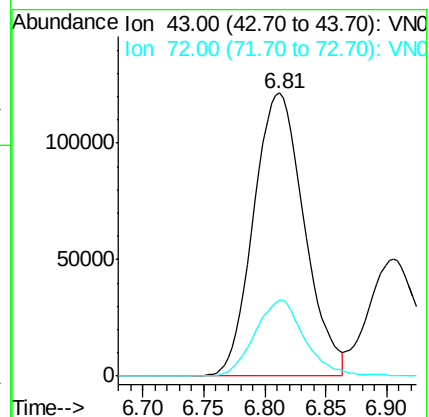
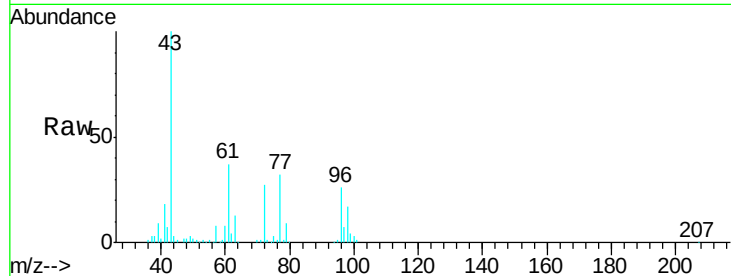
VN1115WBS01

Tgt Ion: 43 Resp: 349266

Ion Ratio Lower Upper

43 100

72 27.0 20.3 30.5



#26

2,2-Dichloropropane

Concen: 20.674 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059252.D

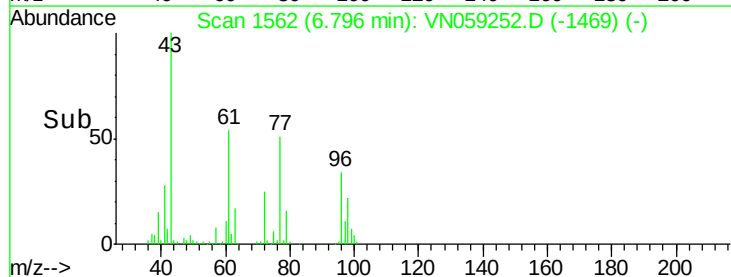
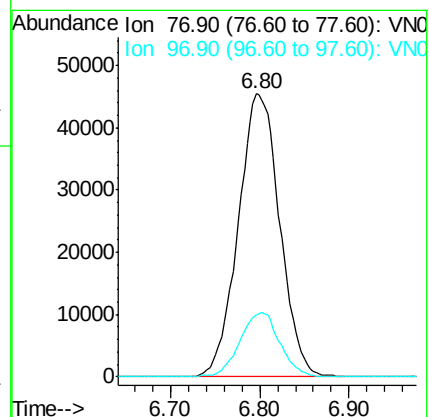
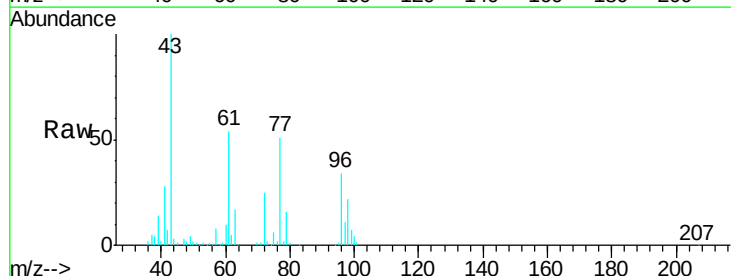
Acq: 15 Nov 2019 10:12

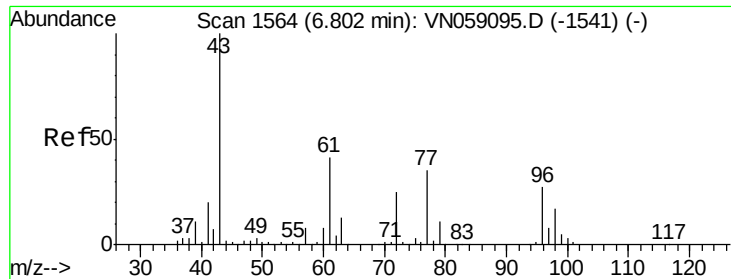
Tgt Ion: 77 Resp: 146615

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.062 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

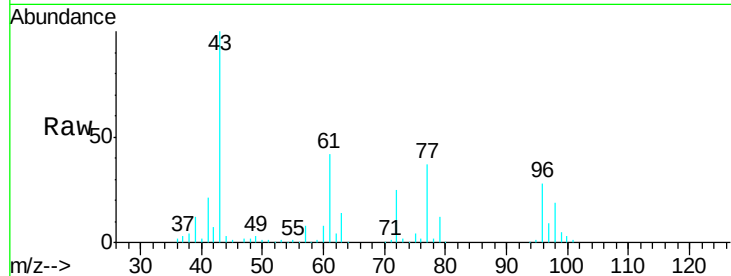
Tgt Ion: 96 Resp: 98162

Ion Ratio Lower Upper

96 100

61 152.4 0.0 311.6

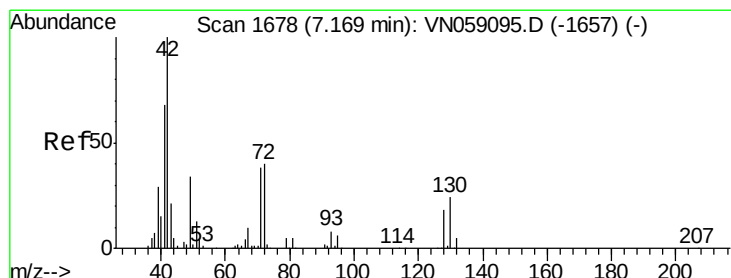
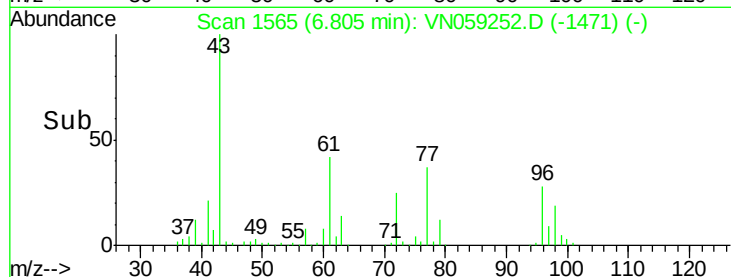
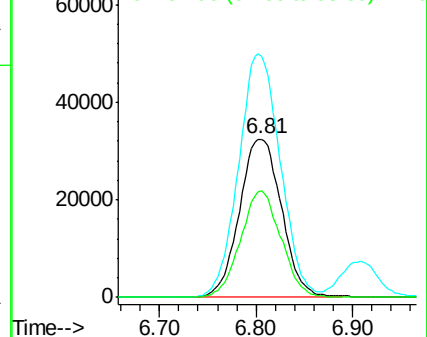
98 64.6 0.0 129.8



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: 19.980 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

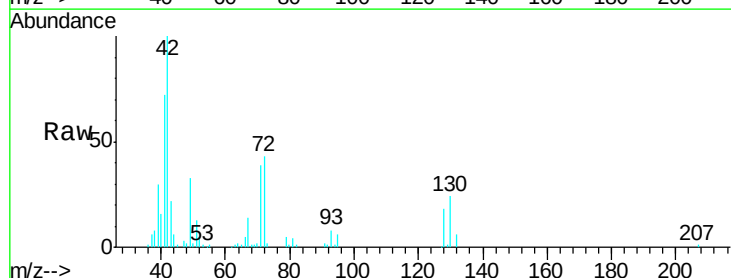
Tgt Ion: 49 Resp: 48751

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

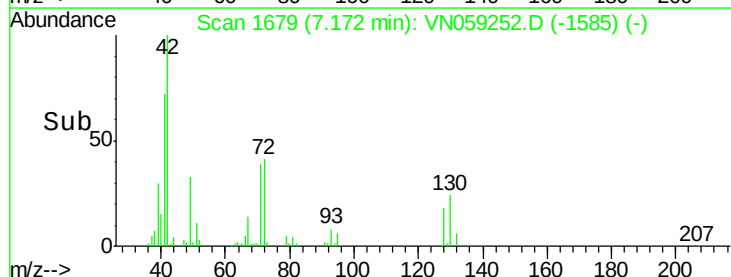
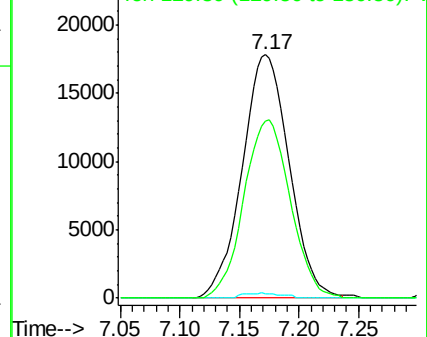
130 72.2 55.6 83.4

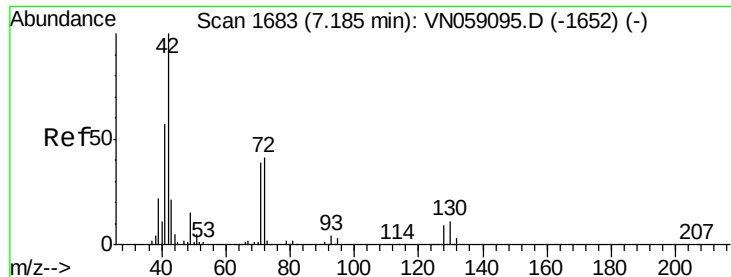


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

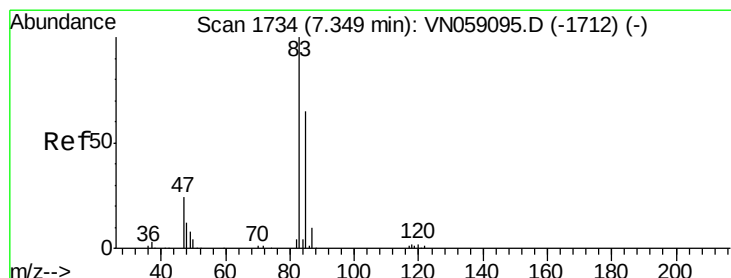
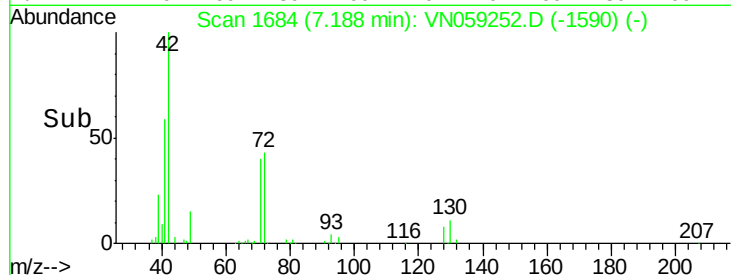
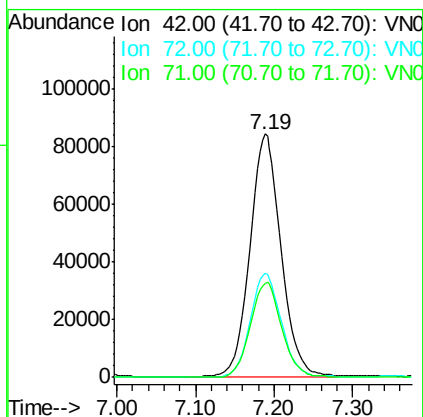
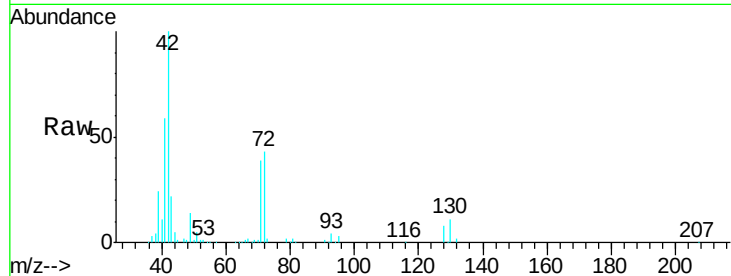




#29
Tetrahydrofuran
Concen: 110.660 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

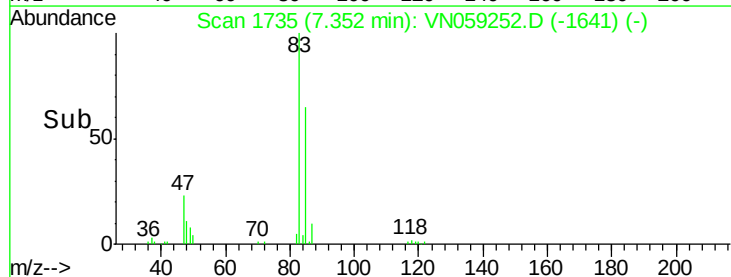
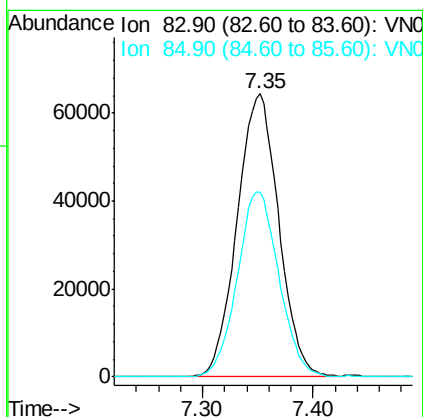
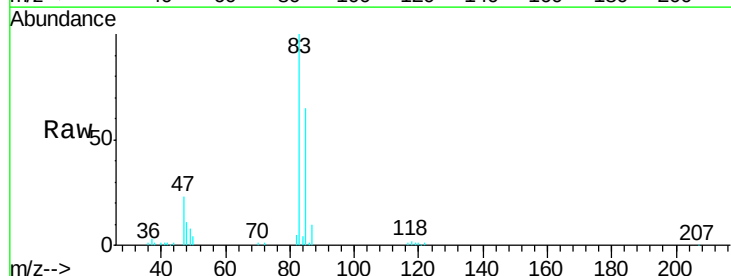
Instrument :
MSVOA_N
ClientSampled :
VN1115WBS01

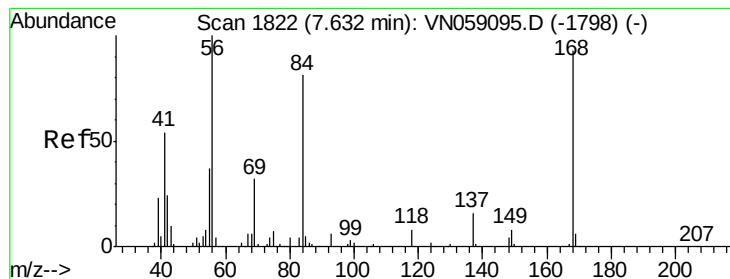
Tgt Ion: 42 Resp: 237659
Ion Ratio Lower Upper
42 100
72 42.5 33.1 49.7
71 39.2 30.9 46.3



#30
Chloroform
Concen: 21.632 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

Tgt Ion: 83 Resp: 168301
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8





#31

Cyclohexane

Concen: 18.610 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

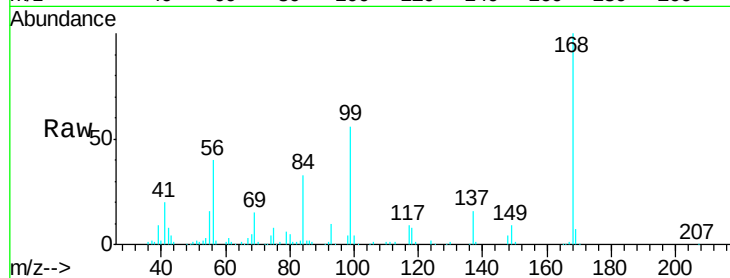
Tgt Ion: 56 Resp: 142883

Ion Ratio Lower Upper

56 100

69 36.9 25.8 38.8

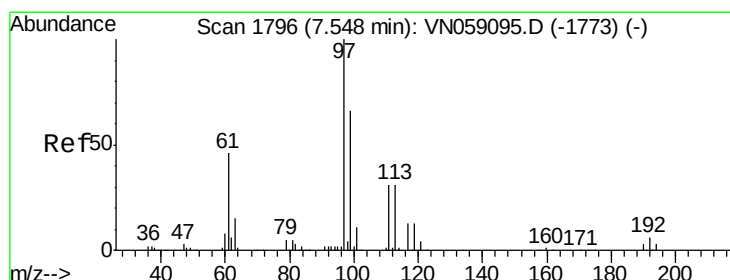
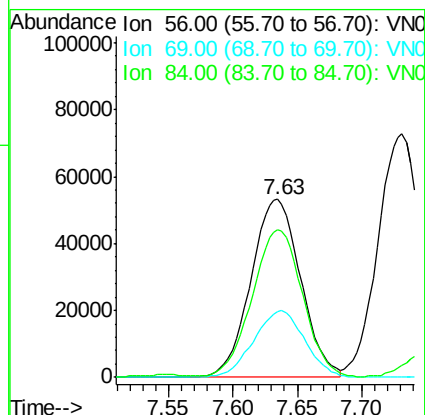
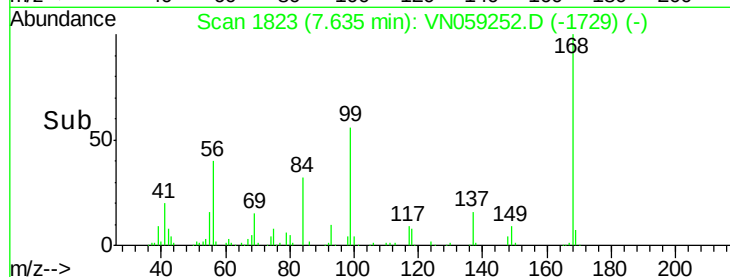
84 81.7 65.0 97.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 21.548 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

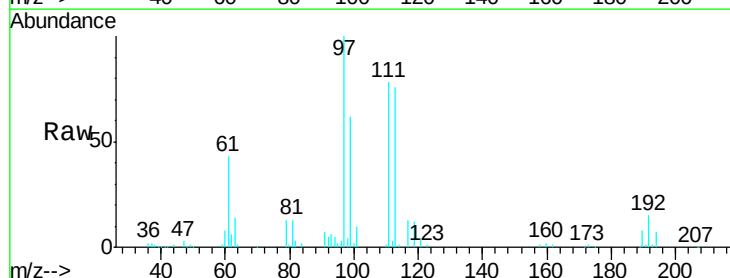
Tgt Ion: 97 Resp: 140949

Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

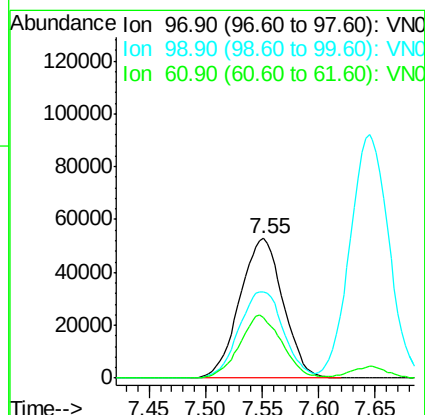
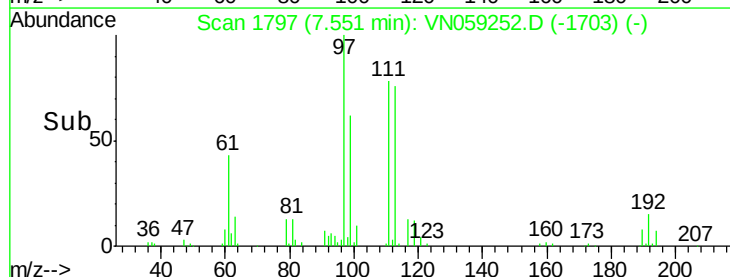
61 44.0 35.8 53.8

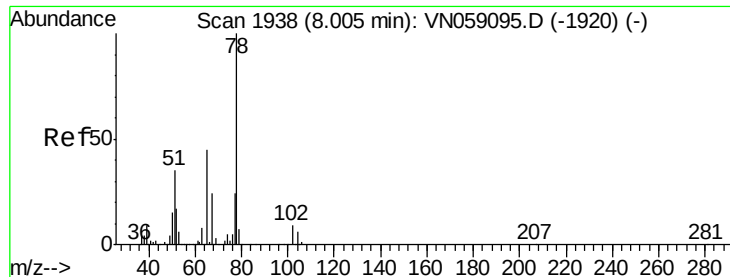


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

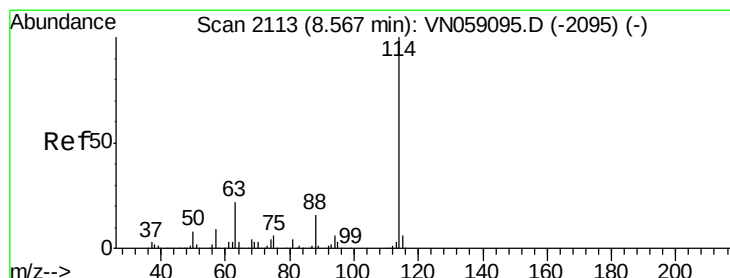
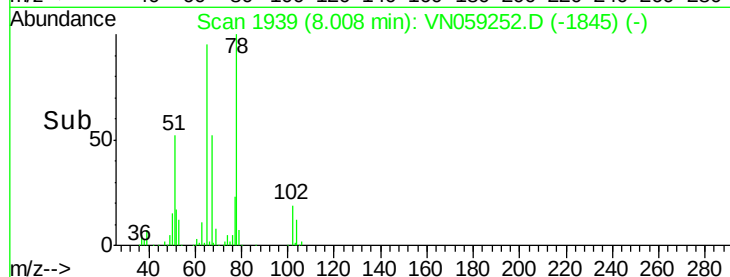
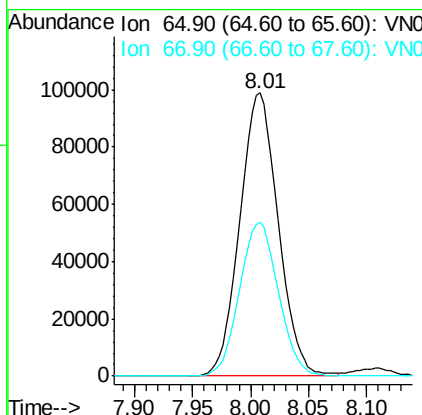
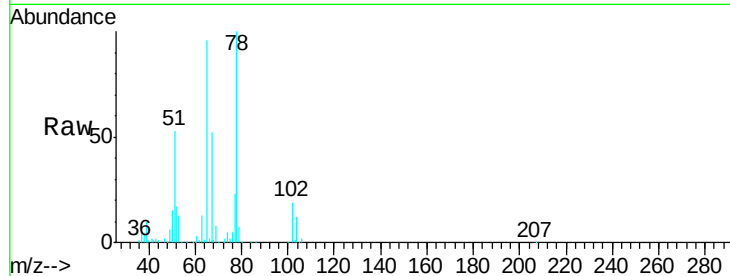




#33
 1,2-Dichloroethane-d4
 Concen: 46.343 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

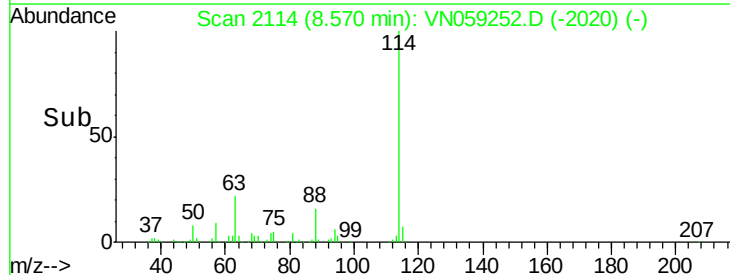
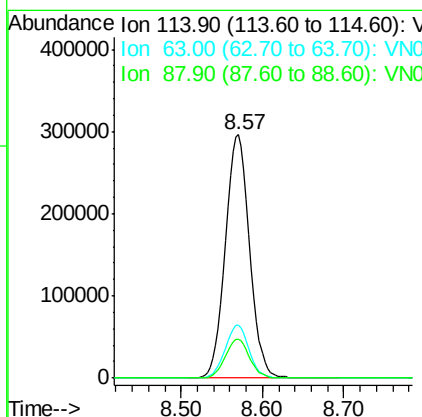
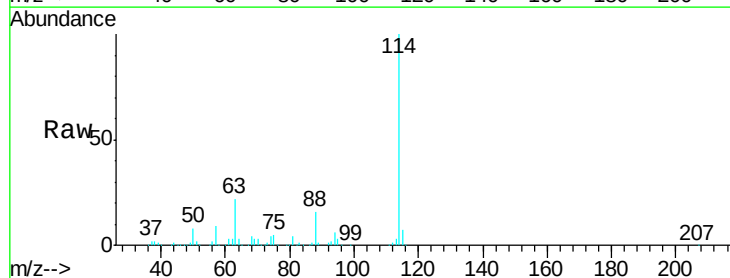
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

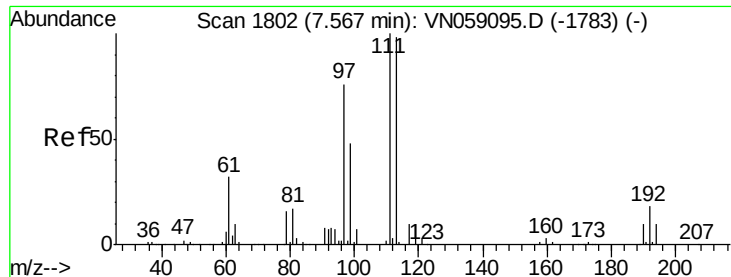
Tgt Ion: 65 Resp: 228555
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

Tgt Ion: 114 Resp: 621207
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.4
 88 15.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.451 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

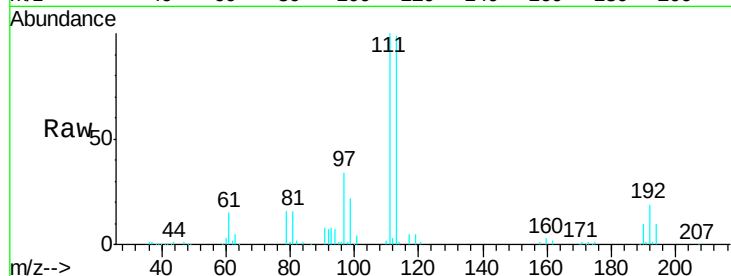
Tgt Ion:113 Resp: 187134

Ion Ratio Lower Upper

113 100

111 101.2 82.8 124.2

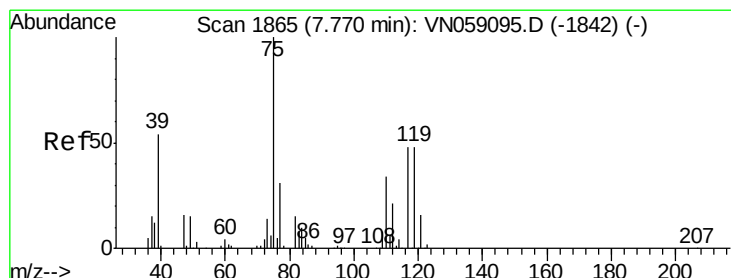
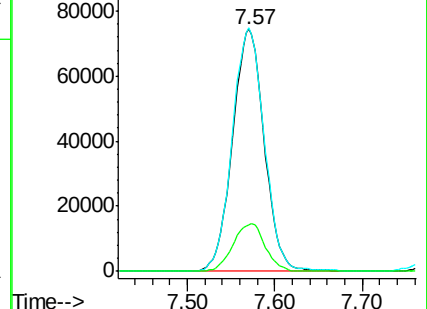
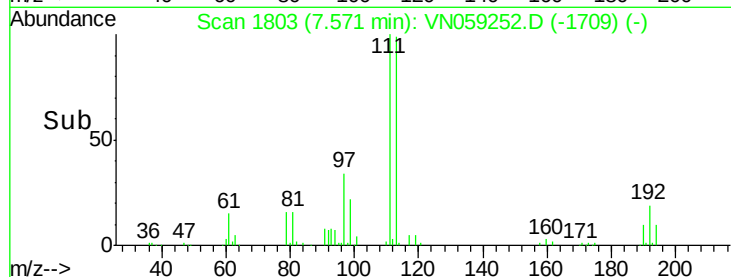
192 19.9 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.847 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

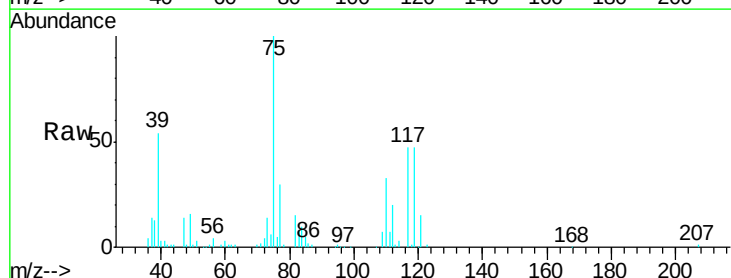
Tgt Ion: 75 Resp: 121049

Ion Ratio Lower Upper

75 100

110 33.4 17.1 51.2

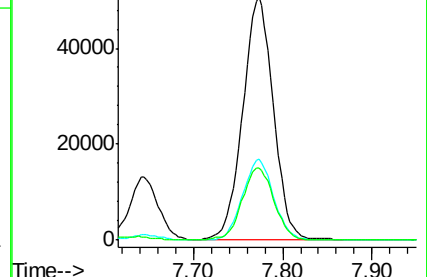
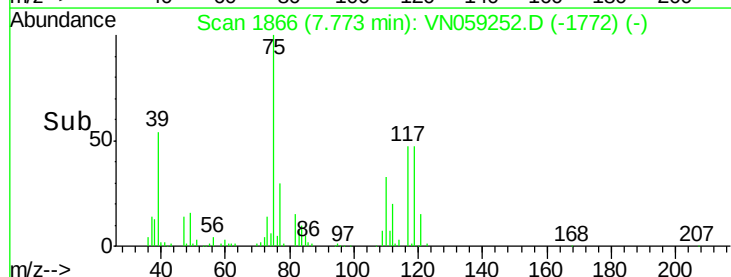
77 30.8 24.8 37.2

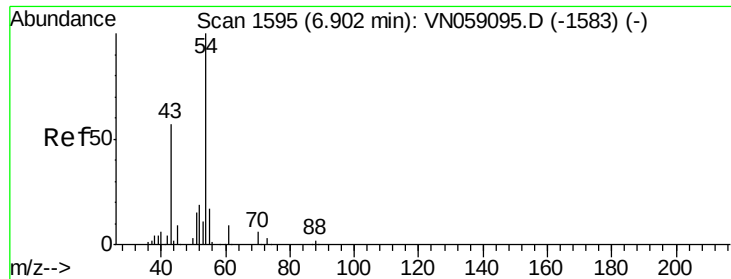


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

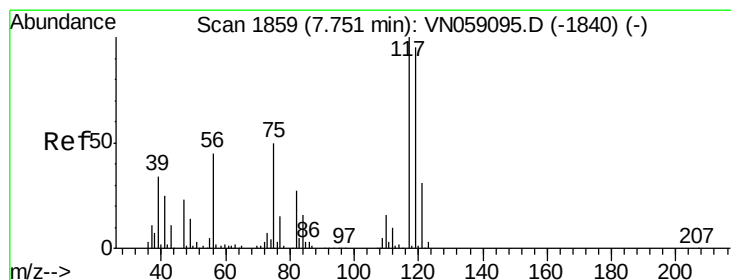
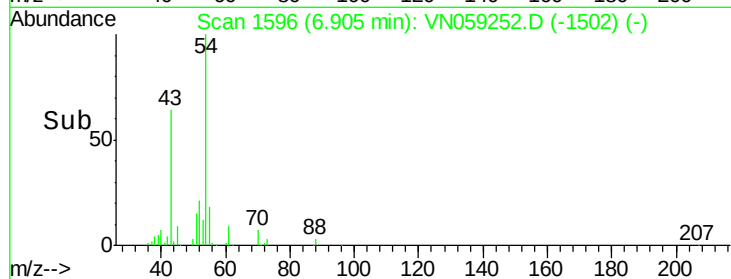
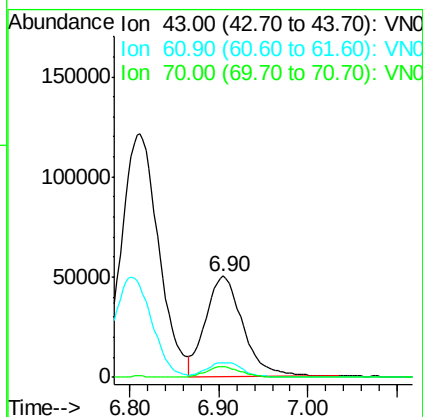
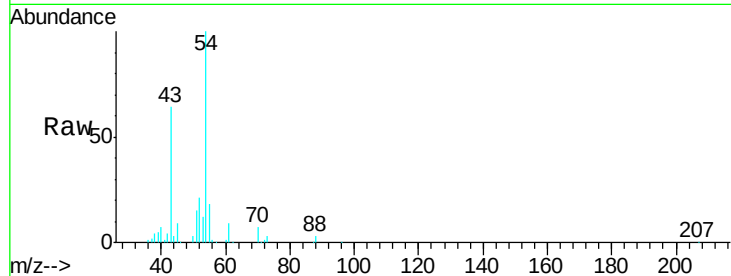




#37
Ethyl Acetate
Concen: 22.471 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

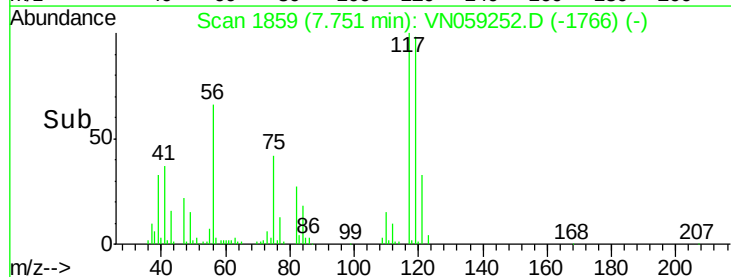
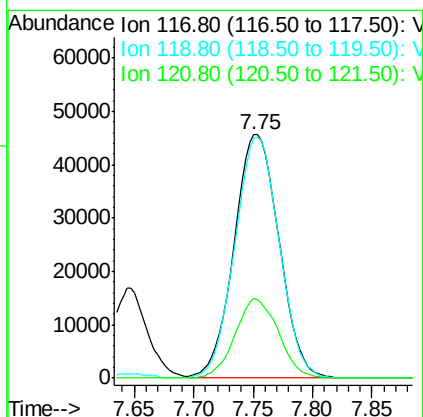
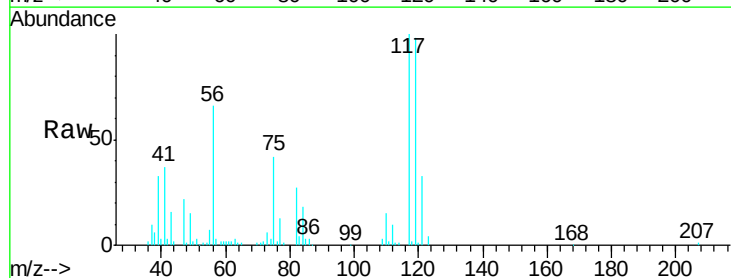
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

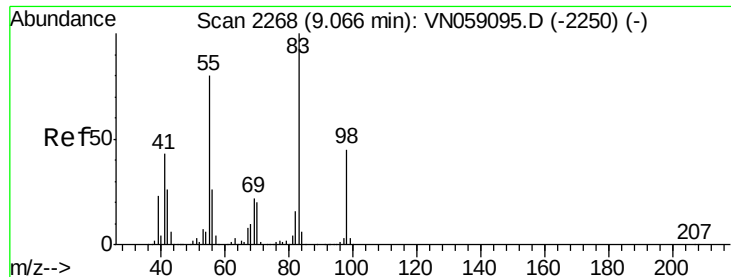
Tgt Ion: 43 Resp: 145153
Ion Ratio Lower Upper
43 100
61 14.4 11.2 16.8
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.691 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

Tgt Ion: 117 Resp: 119582
Ion Ratio Lower Upper
117 100
119 98.3 75.6 113.4
121 32.5 24.6 36.8

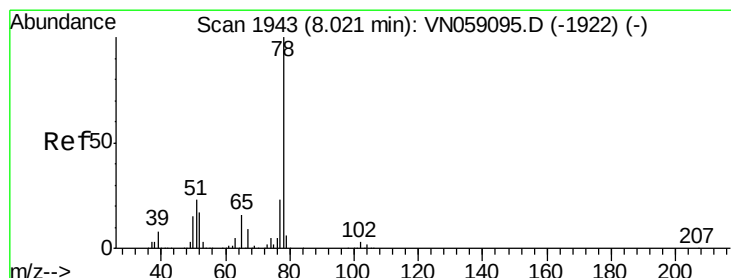
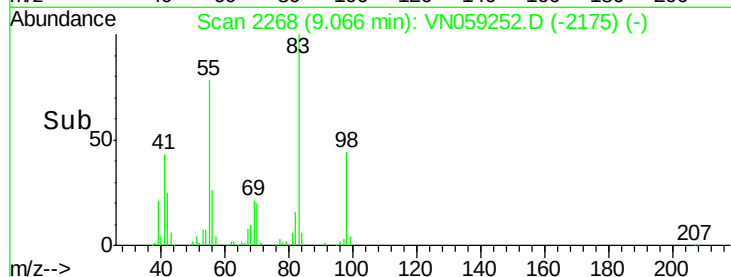
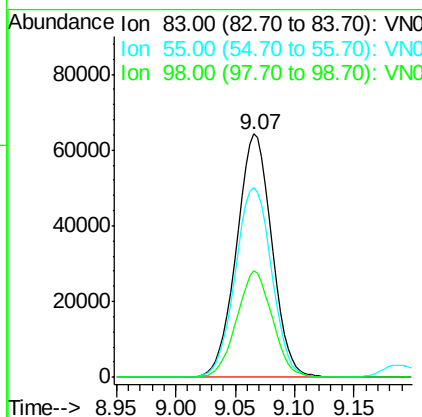
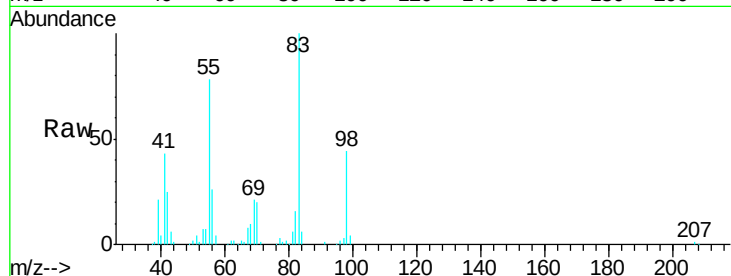




#39
Methylcyclohexane
Concen: 19.663 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

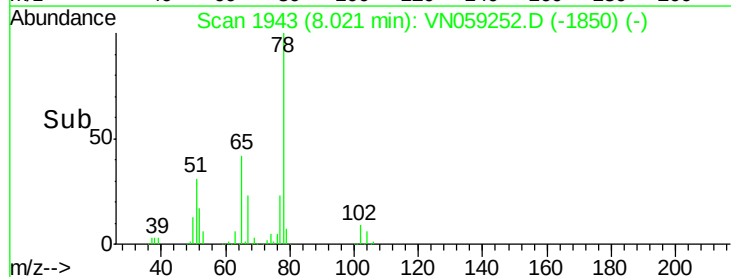
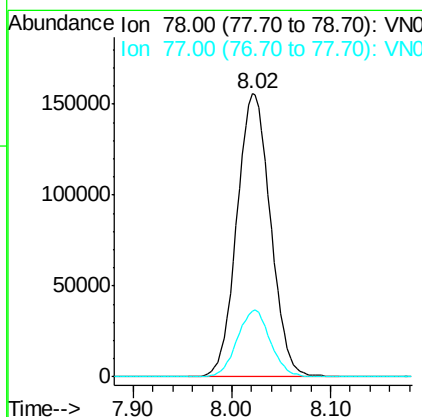
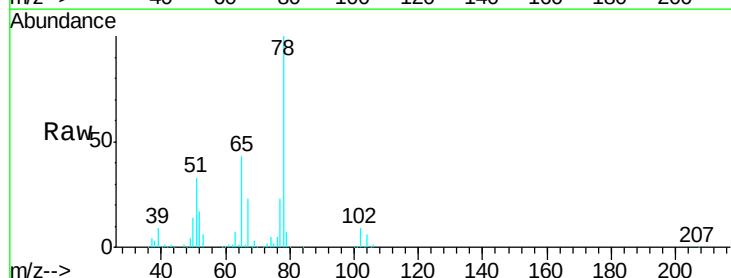
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

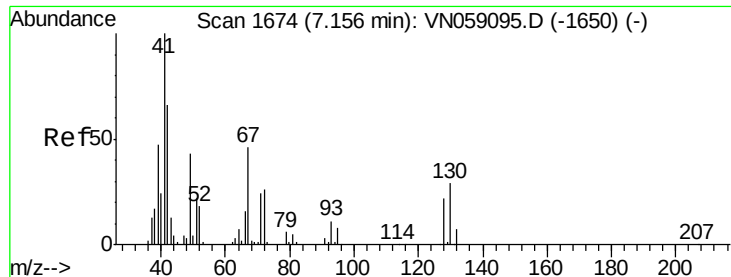
Tgt Ion: 83 Resp: 132507
Ion Ratio Lower Upper
83 100
55 78.0 63.9 95.9
98 43.8 35.6 53.4



#40
Benzene
Concen: 21.061 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

Tgt Ion: 78 Resp: 368265
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 19.604 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

VN1115WBS01

Tgt Ion: 41 Resp: 55066

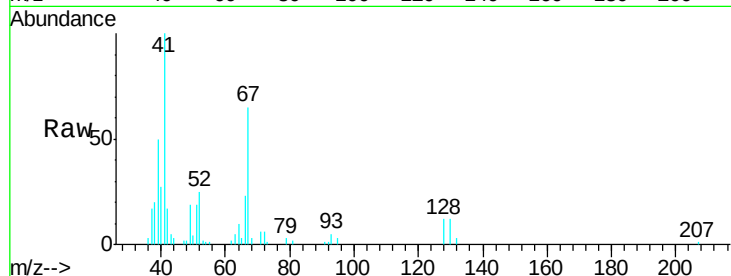
Ion Ratio Lower Upper

41 100

39 51.9 0.0 0.0#

67 98.3 0.0 0.0#

52 40.5 0.0 0.0#

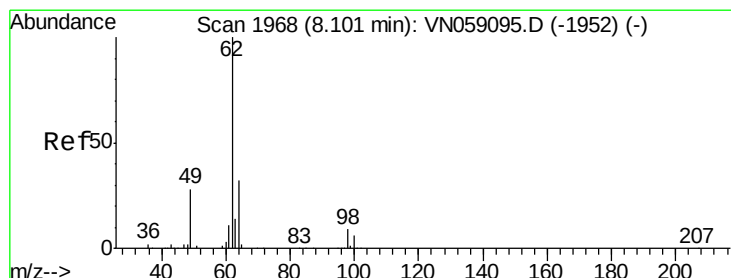
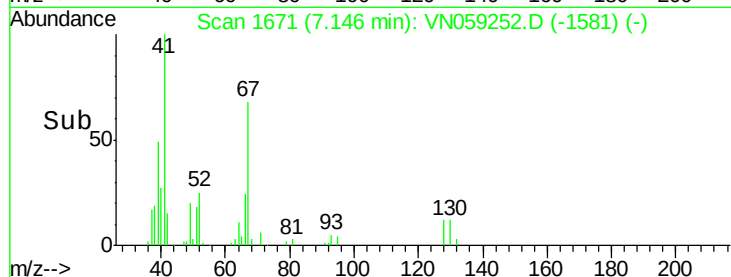
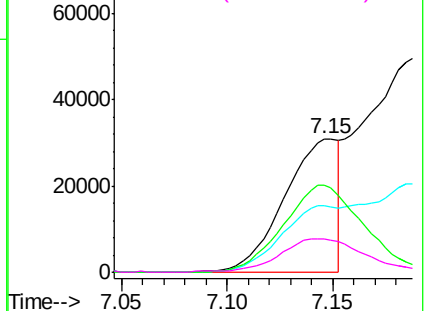


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 21.419 ug/l

RT: 8.11 min Scan# 1970

Delta R.T. 0.01 min

Lab File: VN059252.D

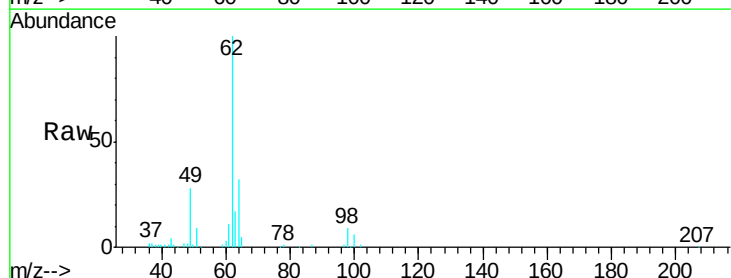
Acq: 15 Nov 2019 10:12

Tgt Ion: 62 Resp: 128449

Ion Ratio Lower Upper

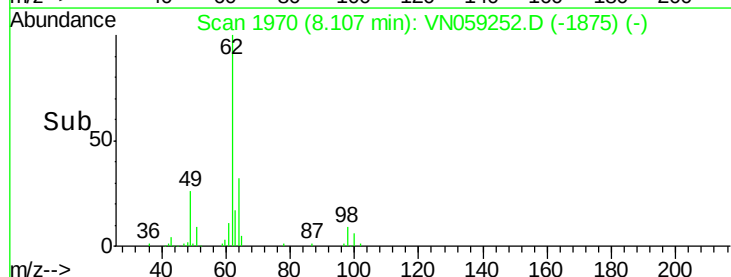
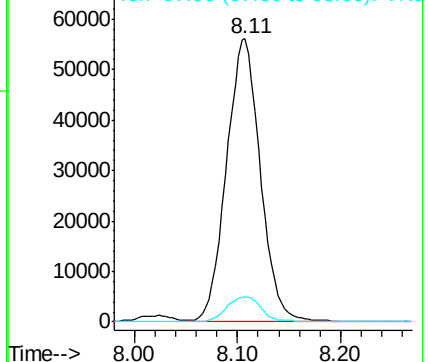
62 100

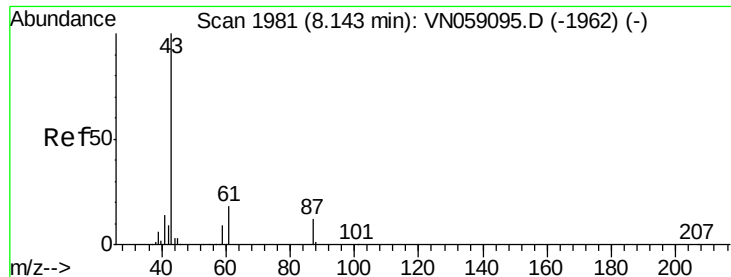
98 8.9 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 21.414 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

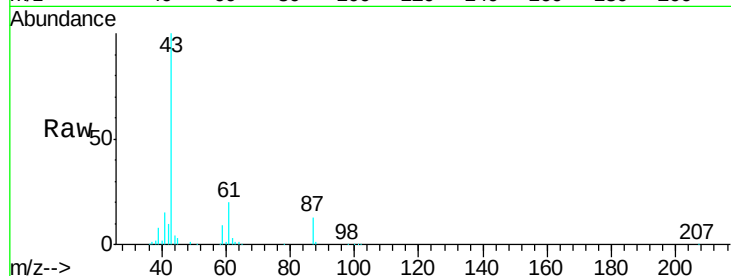
Tgt Ion: 43 Resp: 220527

Ion Ratio Lower Upper

43 100

61 26.5 21.0 31.6

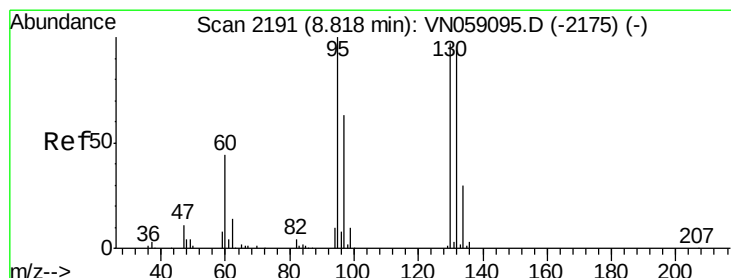
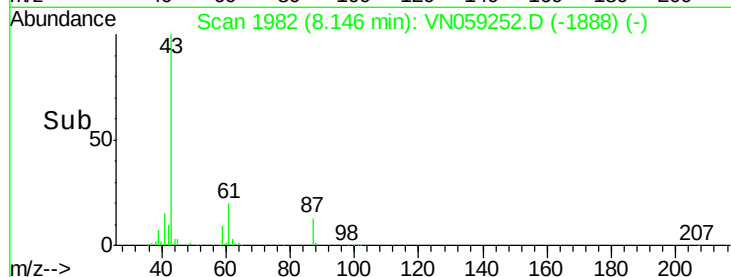
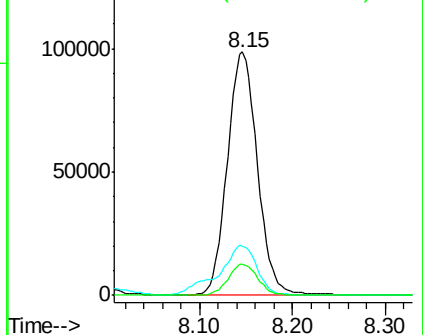
87 12.7 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)



#44

Trichloroethene

Concen: 20.888 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059252.D

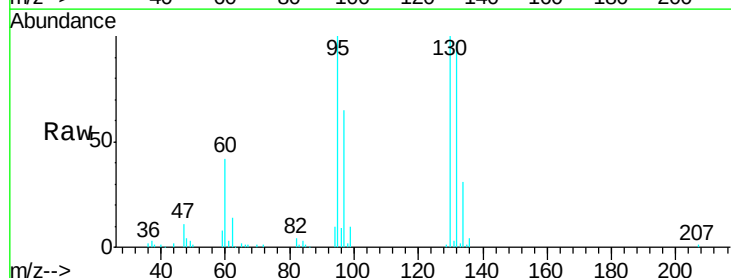
Acq: 15 Nov 2019 10:12

Tgt Ion: 130 Resp: 89779

Ion Ratio Lower Upper

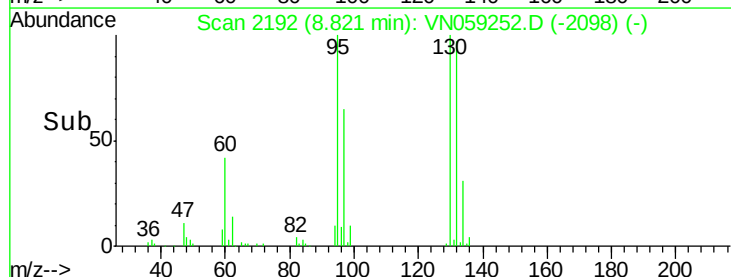
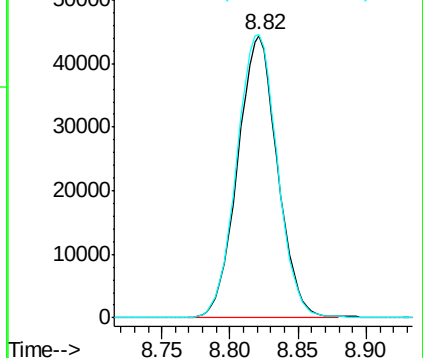
130 100

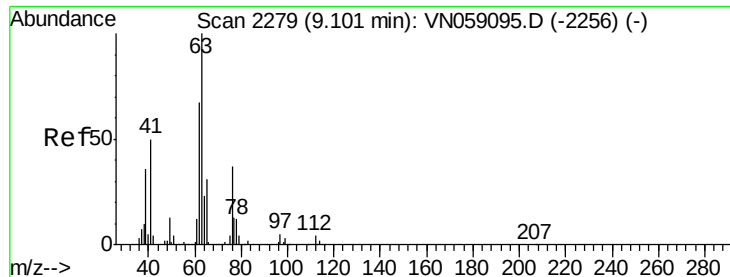
95 100.1 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059095.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059095.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 21.854 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

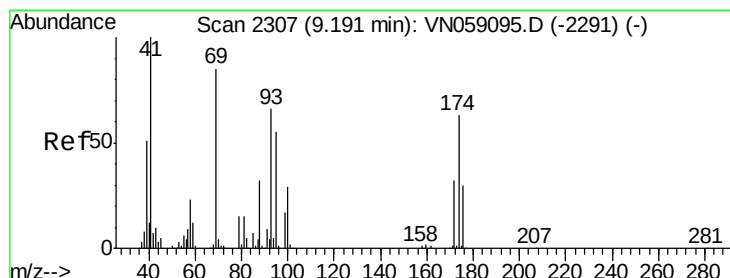
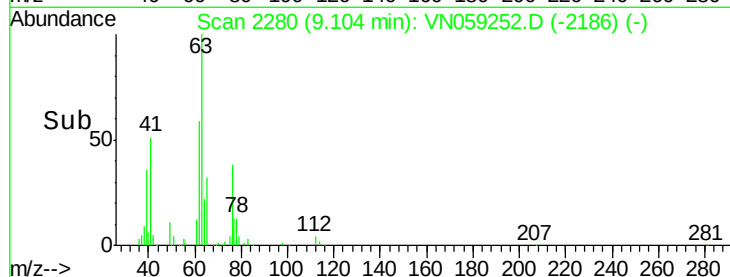
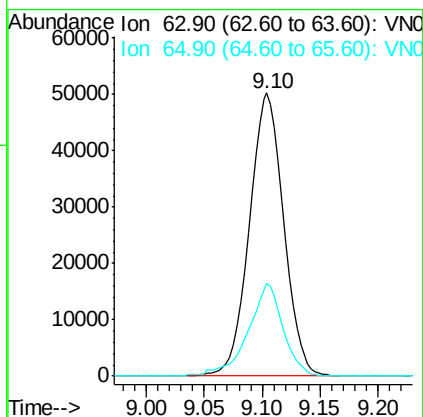
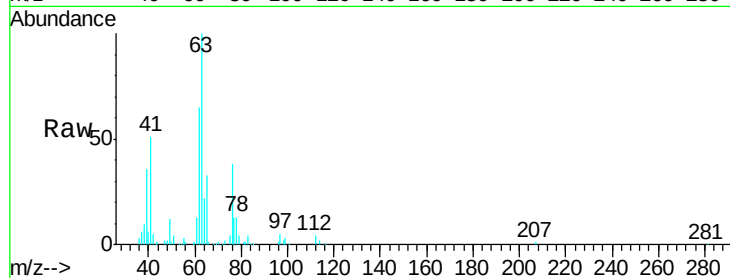
VN1115WBS01

Tgt Ion: 63 Resp: 103790

Ion Ratio Lower Upper

63 100

65 32.8 24.6 37.0



#46

Dibromomethane

Concen: 21.094 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

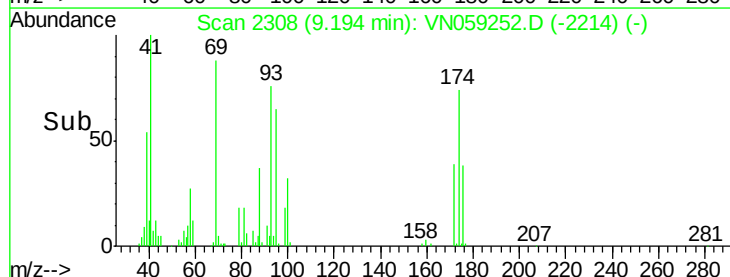
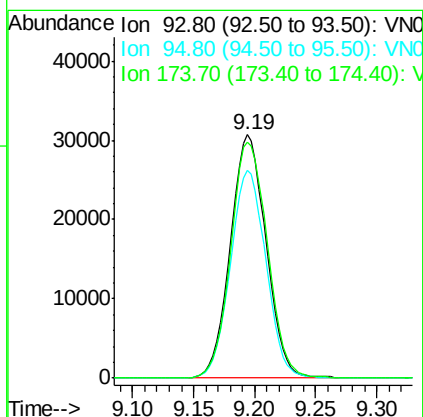
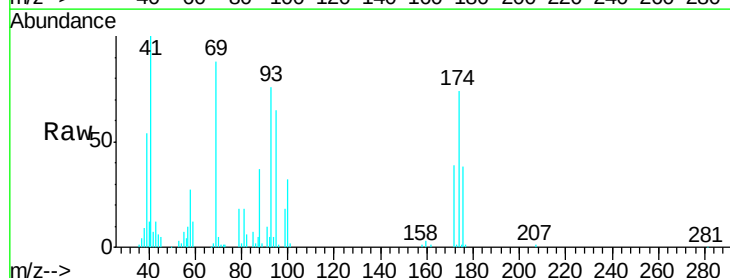
Tgt Ion: 93 Resp: 62428

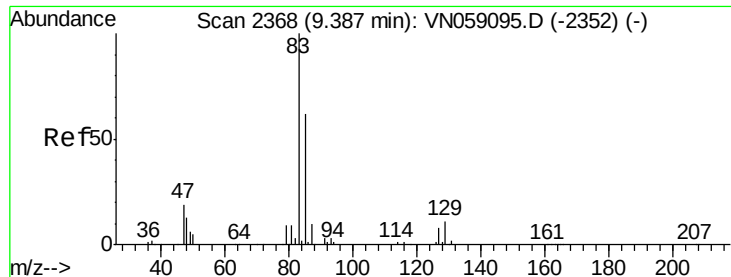
Ion Ratio Lower Upper

93 100

95 84.9 66.6 100.0

174 99.5 78.2 117.2





#47

Bromodichloromethane

Concen: 21.367 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

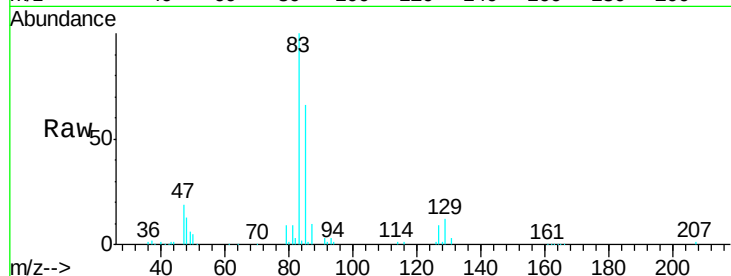
Tgt Ion: 83 Resp: 126270

Ion Ratio Lower Upper

83 100

85 65.9 49.7 74.5

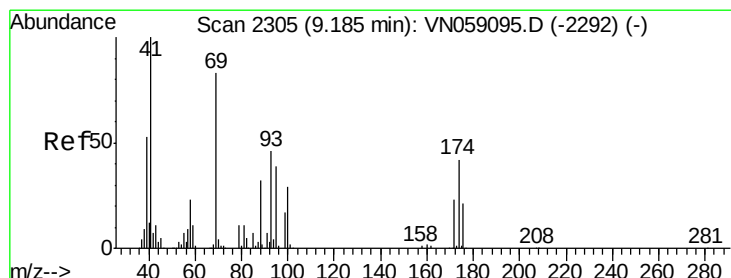
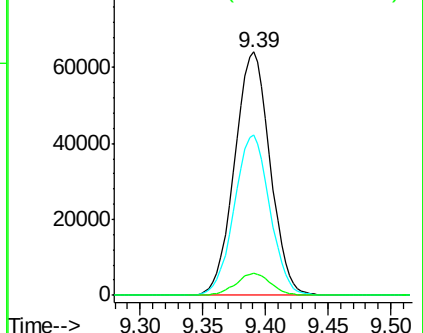
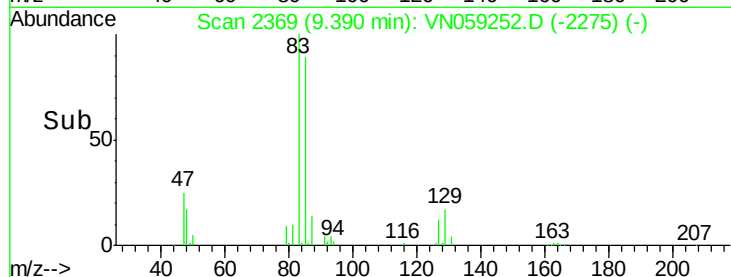
127 8.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN059252.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059252.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059252.D (-2275) (-)



#48

Methyl methacrylate

Concen: 20.539 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

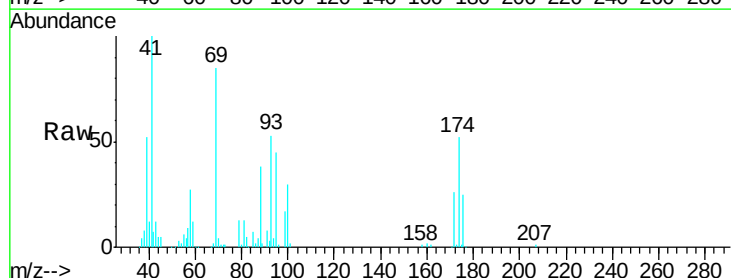
Tgt Ion: 41 Resp: 94610

Ion Ratio Lower Upper

41 100

69 88.7 67.3 100.9

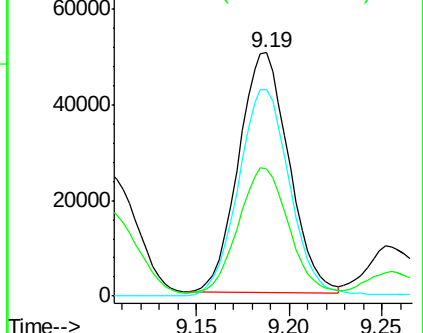
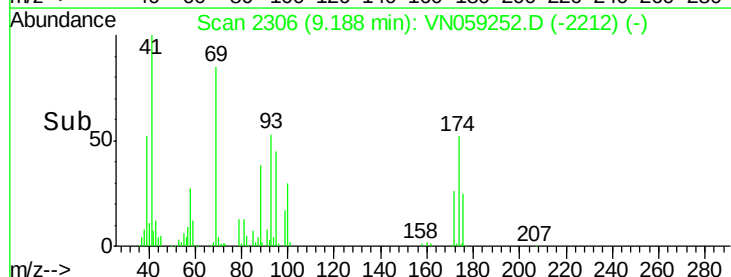
39 55.0 43.3 64.9

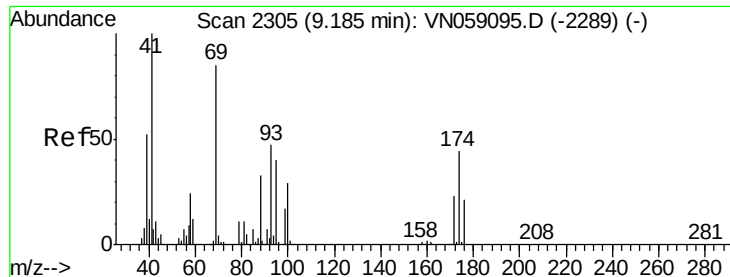


Abundance Ion 41.00 (40.70 to 41.70): VN059252.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059252.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059252.D (-2212) (-)

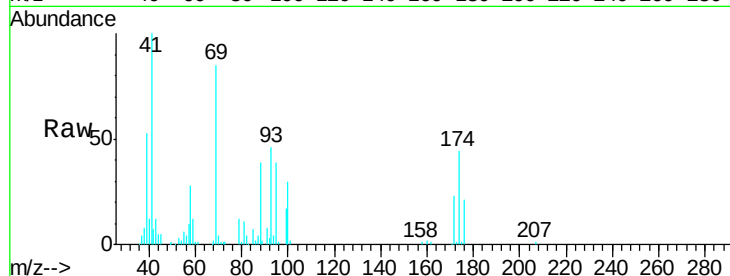




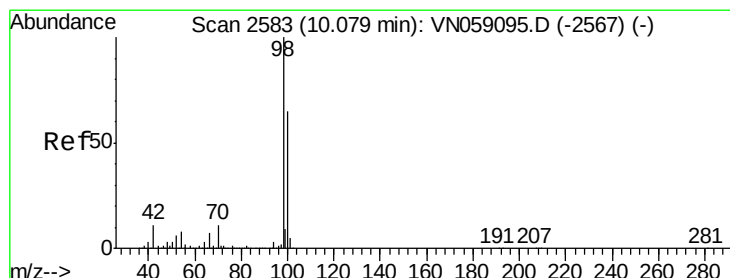
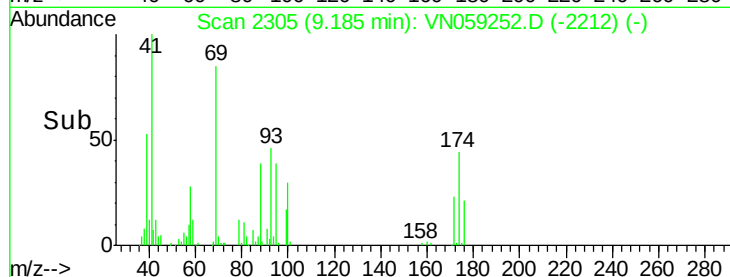
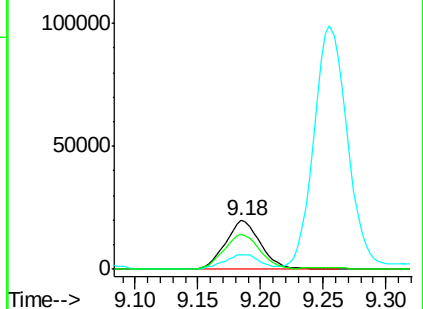
#49
1,4-Dioxane
Concen: 476.270 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

Instrument :
MSVOA_N
ClientSampled :
VN1115WBS01

Tgt Ion: 88 Resp: 38988
Ion Ratio Lower Upper
88 100
43 31.6 26.3 39.5
58 72.9 60.6 90.8

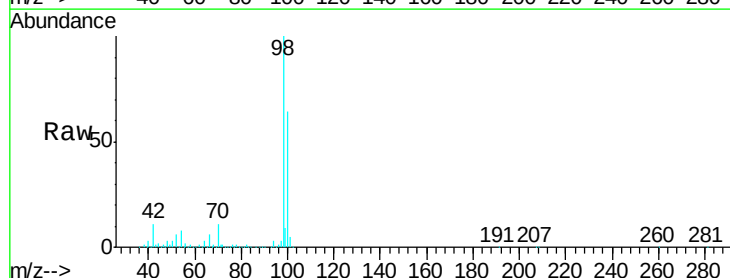


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

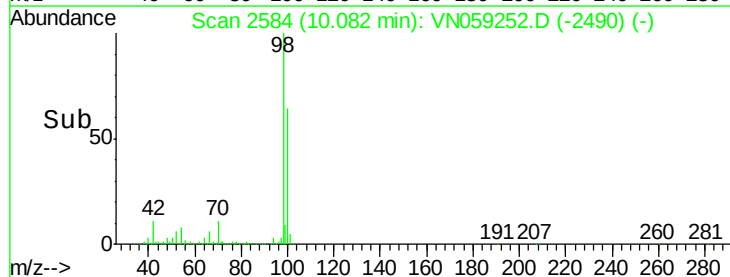
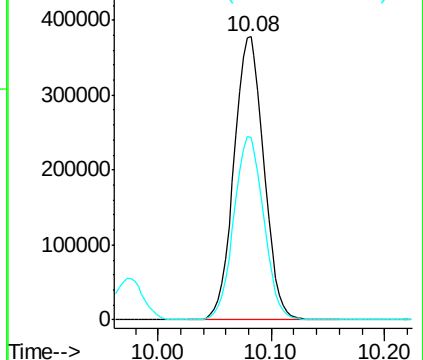


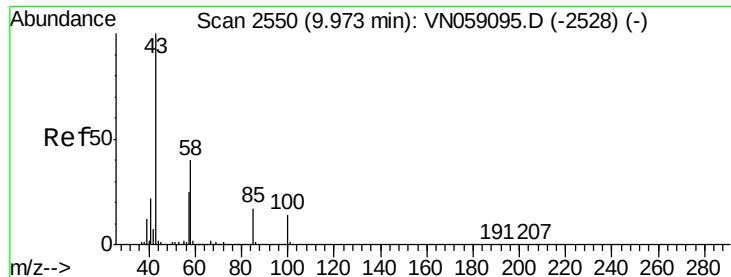
#50
Toluene-d8
Concen: 47.568 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

Tgt Ion: 98 Resp: 694986
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



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

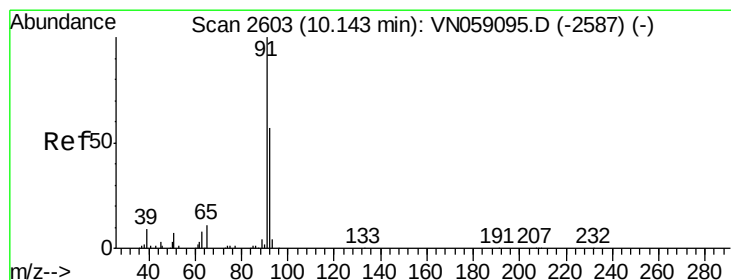
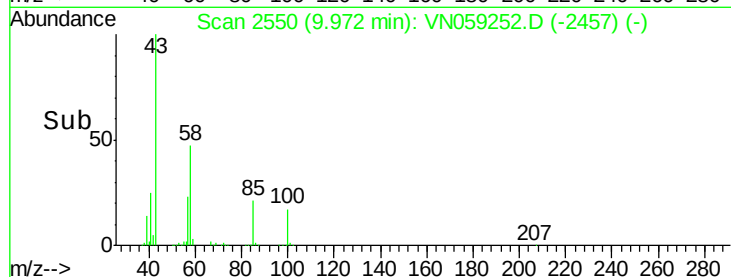
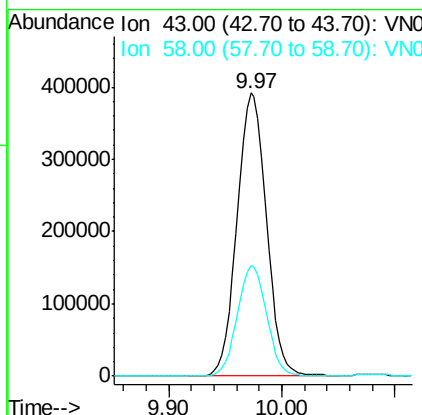
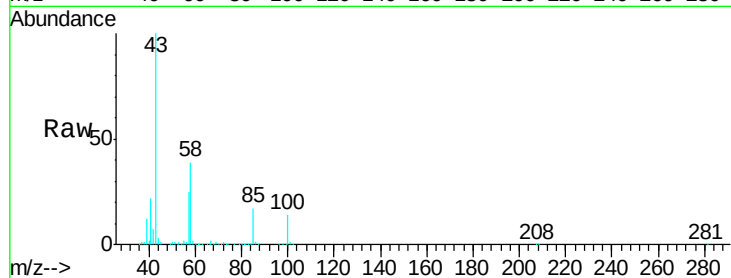




#51
 4-Methyl-2-Pentanone
 Concen: 121.584 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

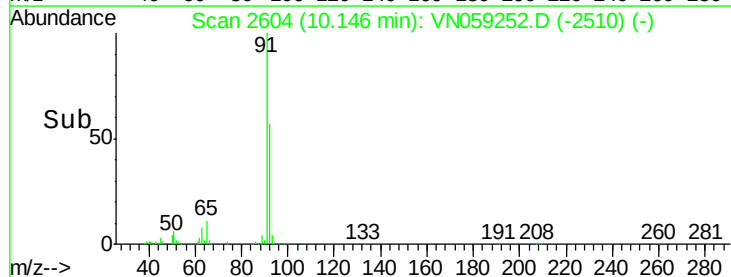
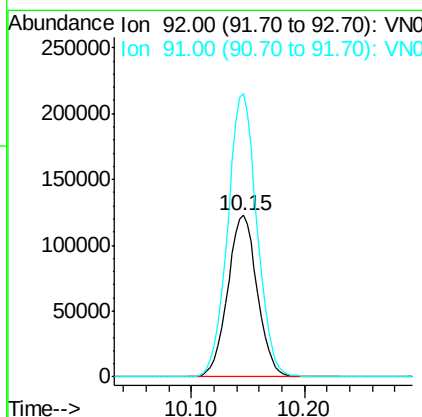
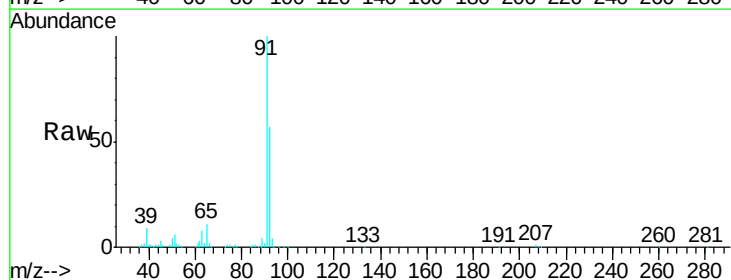
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

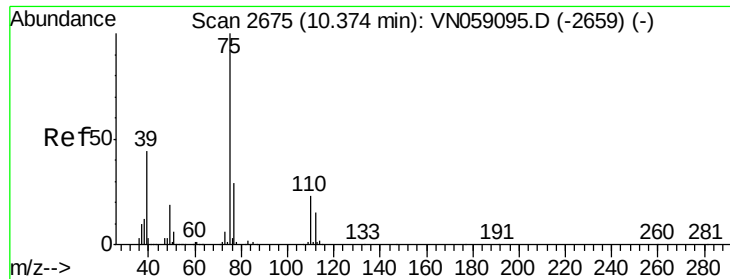
Tgt Ion: 43 Resp: 708461
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.5 47.3



#52
 Toluene
 Concen: 21.276 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

Tgt Ion: 92 Resp: 222973
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 21.039 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

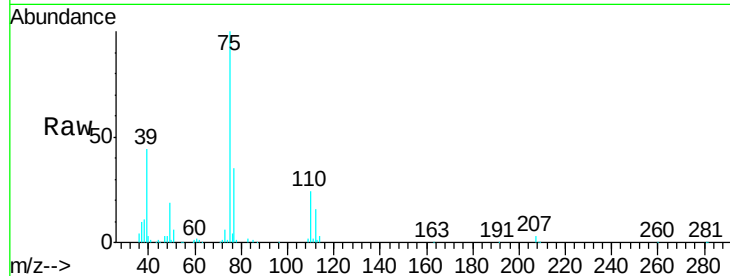
VN1115WBS01

Tgt Ion: 75 Resp: 143648

Ion Ratio Lower Upper

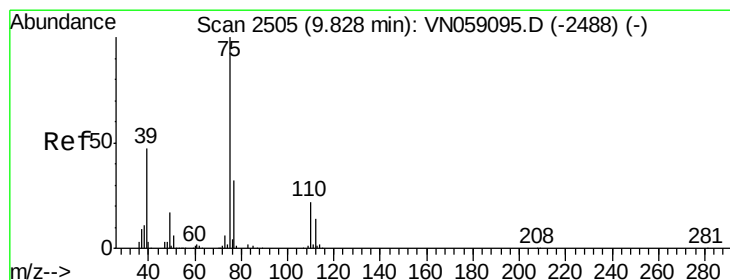
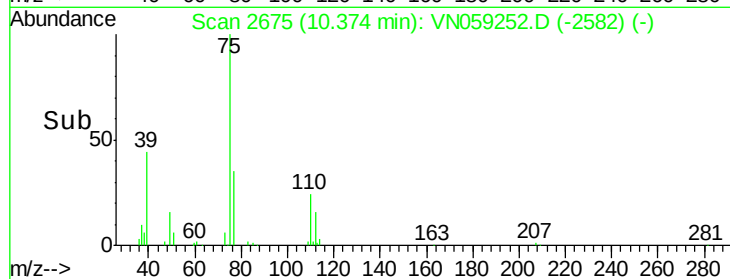
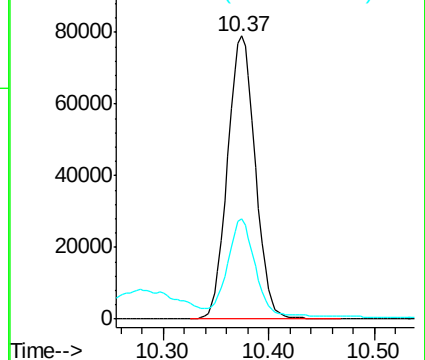
75 100

77 34.4 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 21.282 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

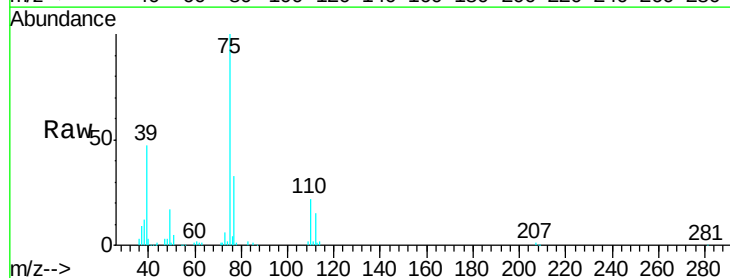
Tgt Ion: 75 Resp: 156299

Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

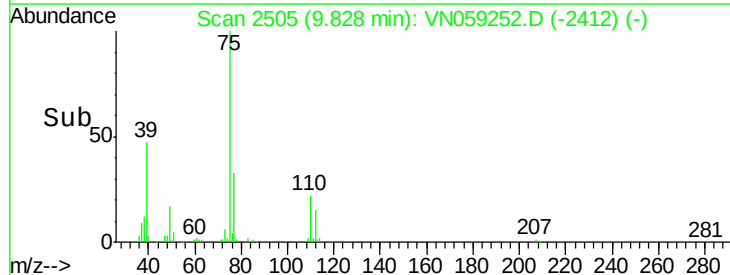
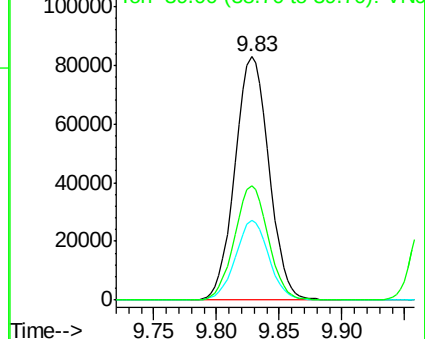
39 46.9 37.3 55.9

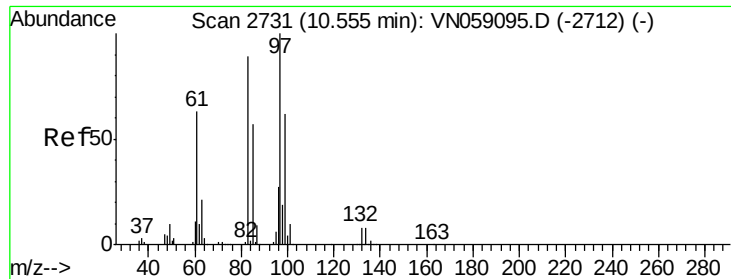


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

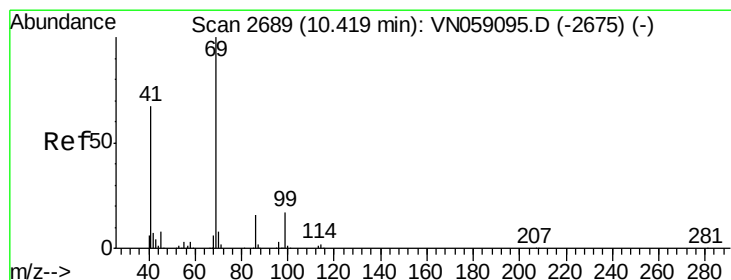
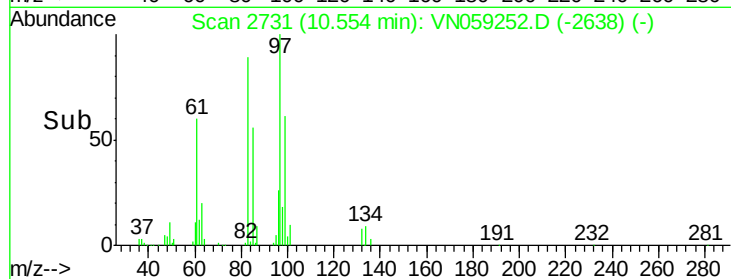
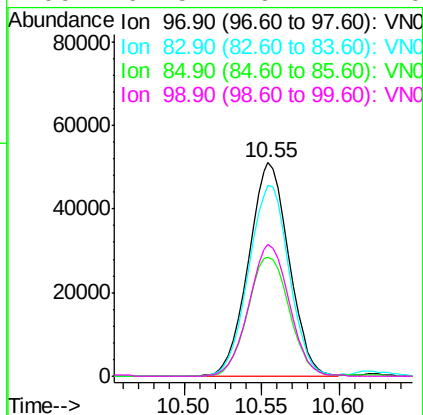
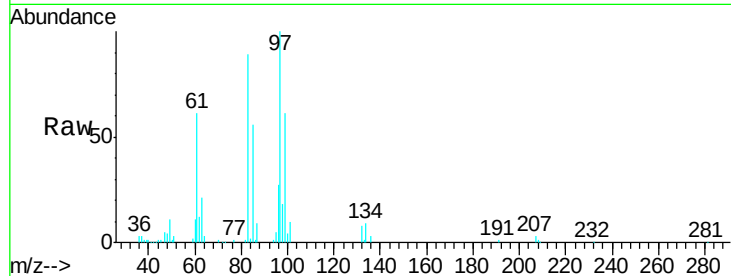




#55
 1,1,2-Trichloroethane
 Concen: 21.908 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

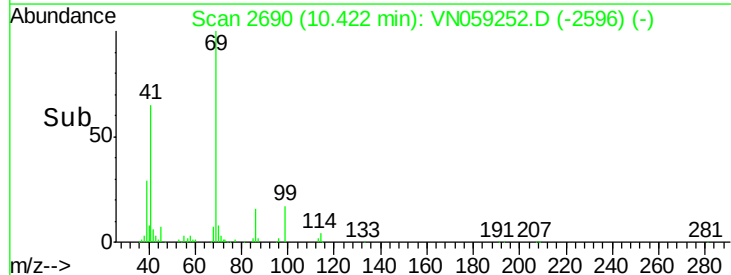
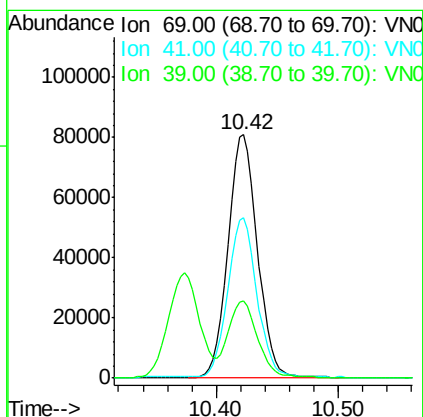
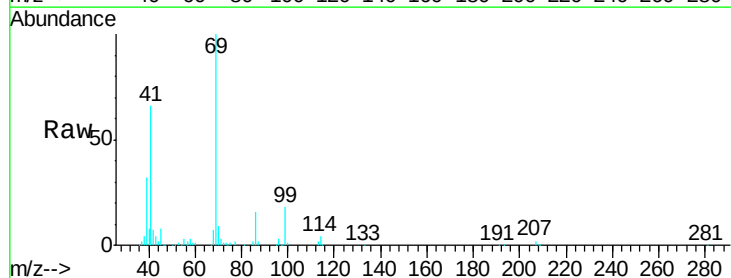
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

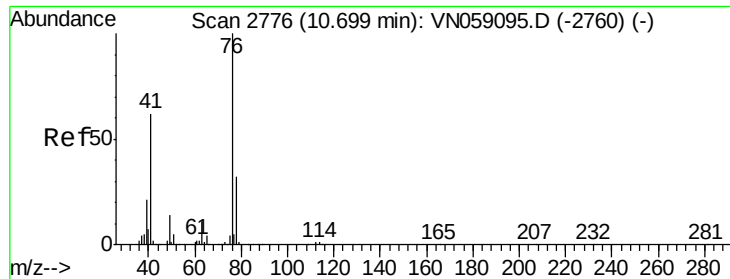
Tgt Ion:	97	Resp:	92922
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.0	106.4
85	56.0	45.8	68.8
99	61.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 20.534 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

Tgt Ion:	69	Resp:	137147
Ion	Ratio	Lower	Upper
69	100		
41	64.3	53.6	80.4
39	31.2	26.2	39.4

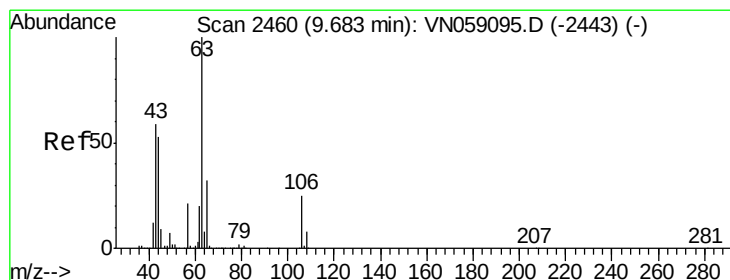
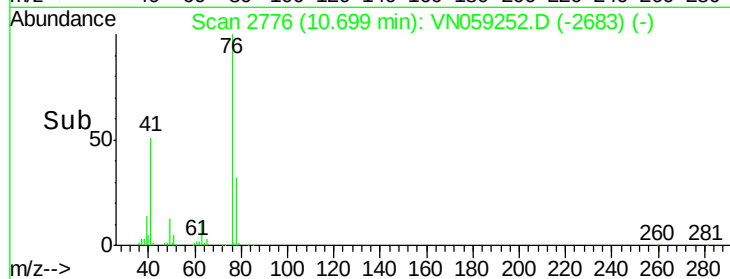
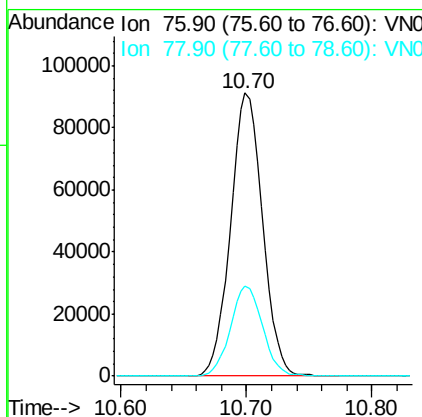
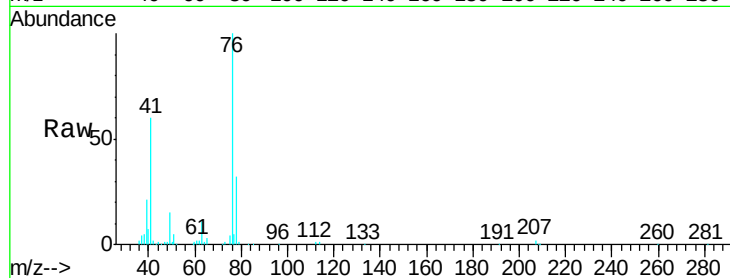




#57
 1,3-Dichloropropane
 Concen: 22.129 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

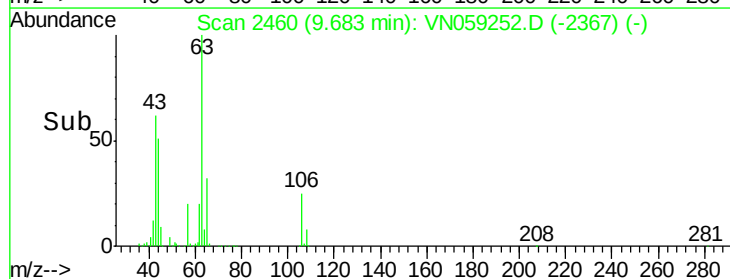
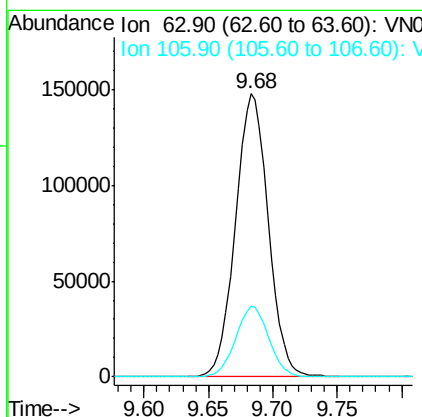
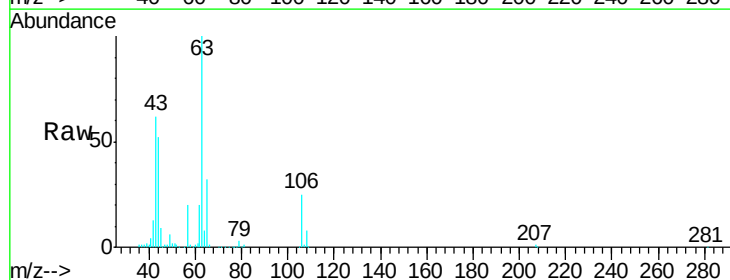
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

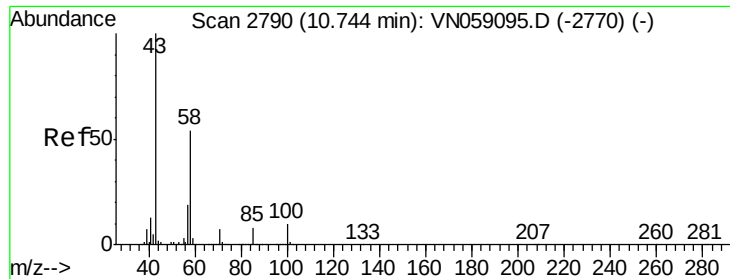
Tgt Ion: 76 Resp: 161540
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.947 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

Tgt Ion: 63 Resp: 261886
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.2 30.2

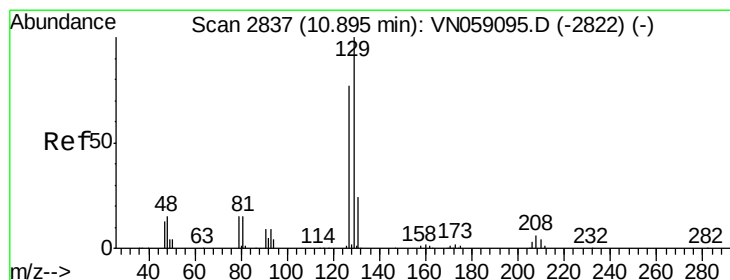
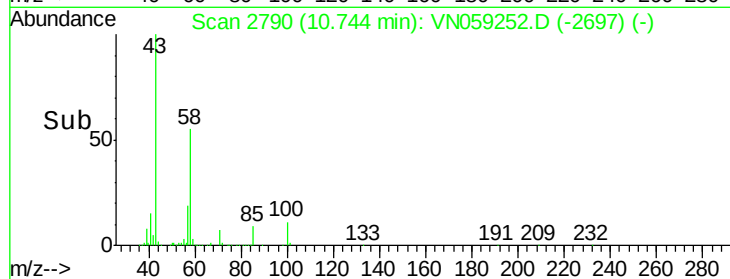
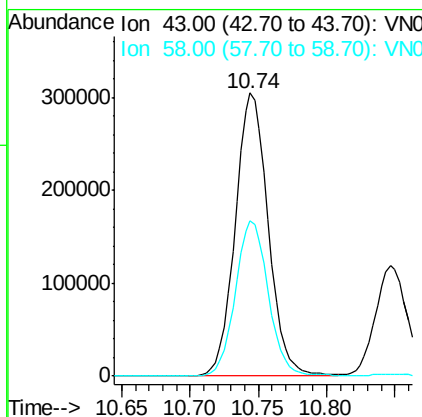
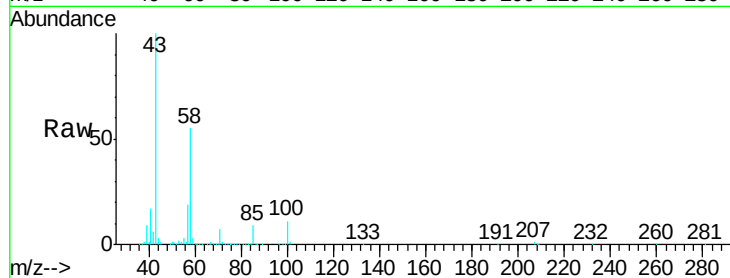




#59
2-Hexanone
Concen: 114.130 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

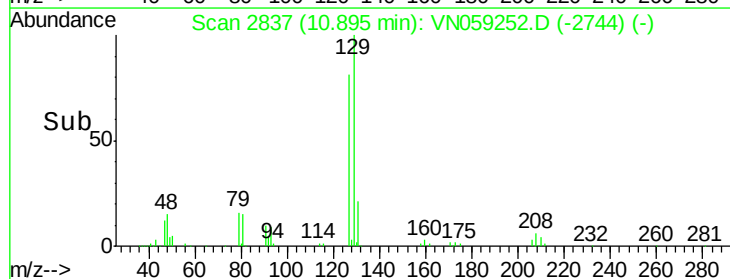
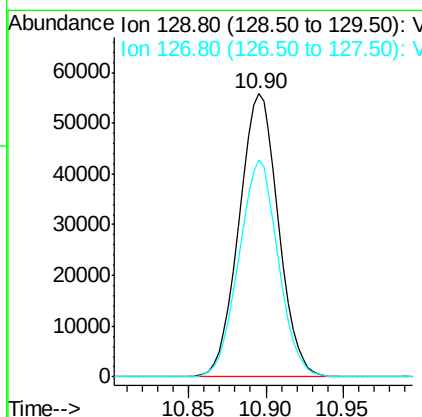
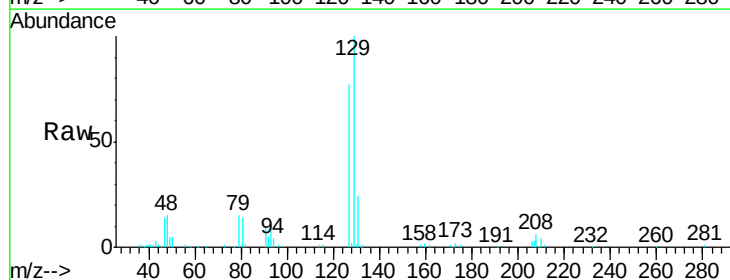
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

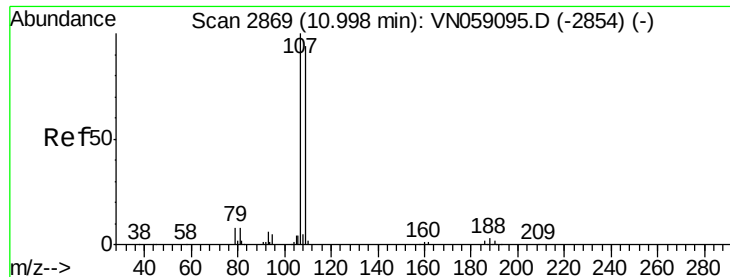
Tgt Ion: 43 Resp: 510442
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 22.001 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

Tgt Ion: 129 Resp: 98663
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8

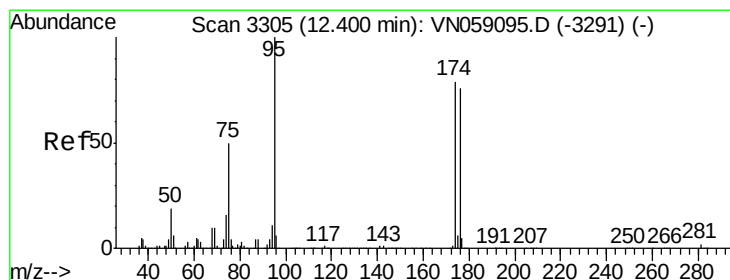
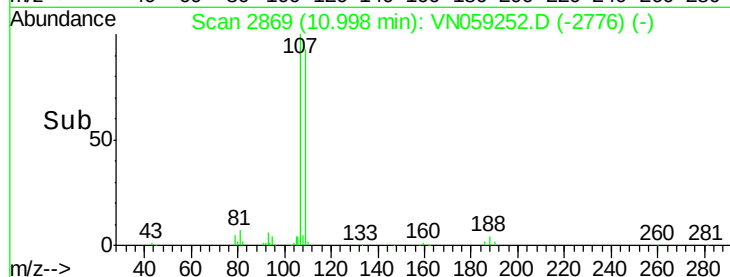
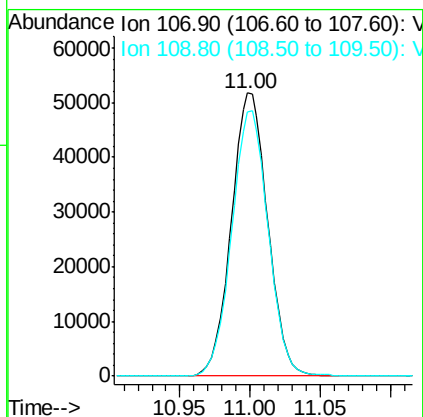
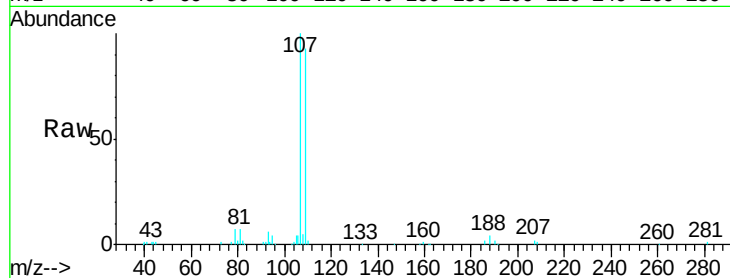




#61
 1,2-Dibromoethane
 Concen: 21.730 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

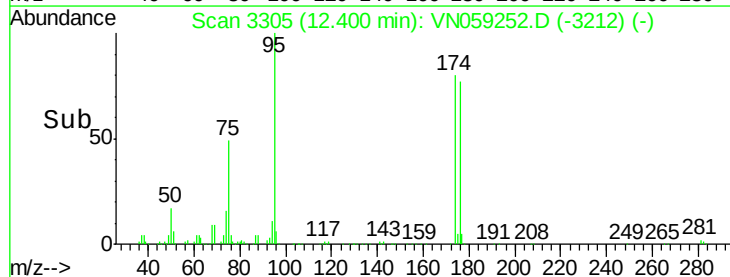
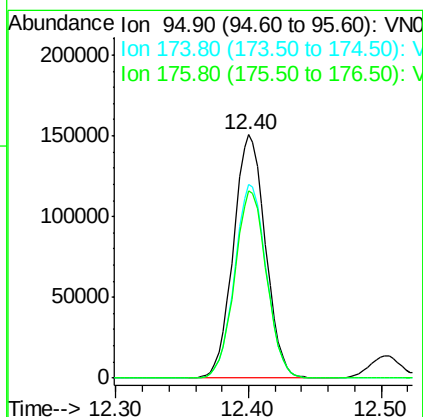
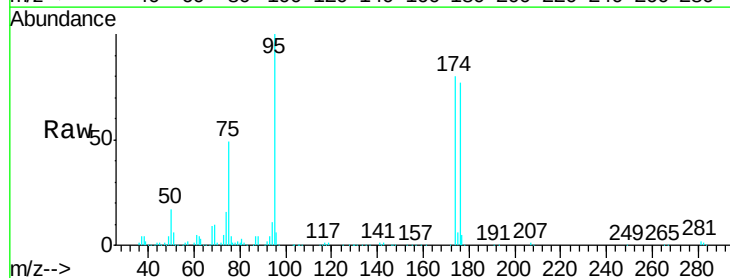
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

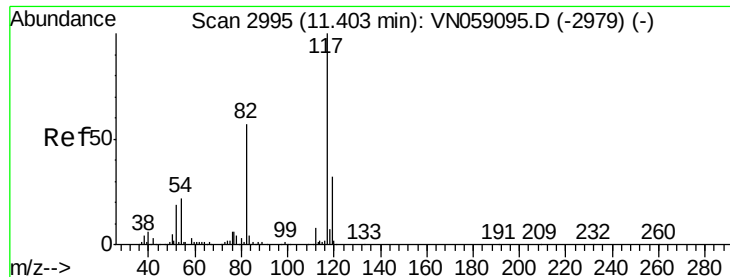
Tgt Ion: 107 Resp: 93302
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 47.933 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

Tgt Ion: 95 Resp: 252508
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 158.2
 176 76.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

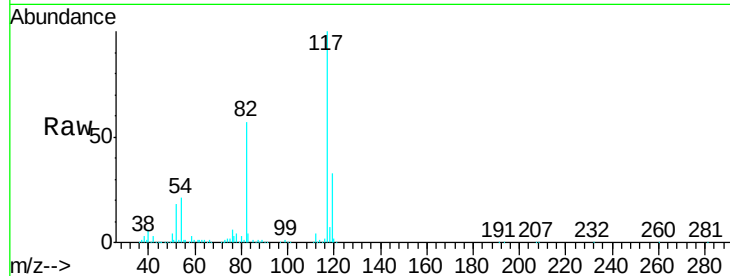
Tgt Ion:117 Resp: 561944

Ion Ratio Lower Upper

117 100

82 56.8 45.8 68.8

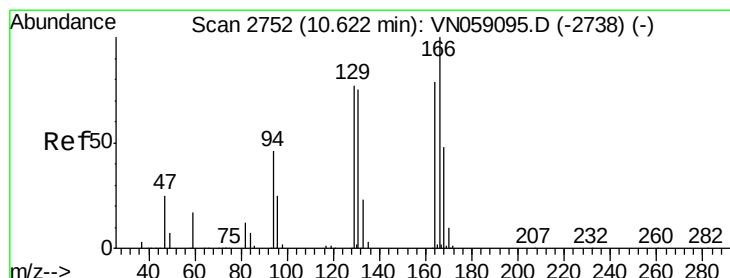
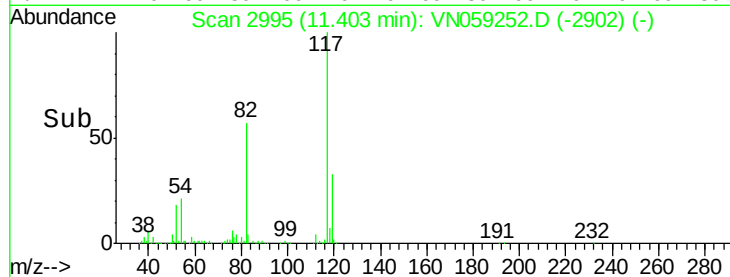
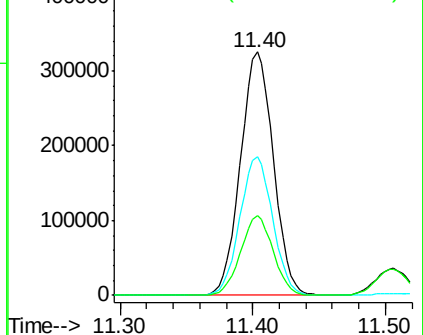
119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.888 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Tgt Ion:164 Resp: 79816

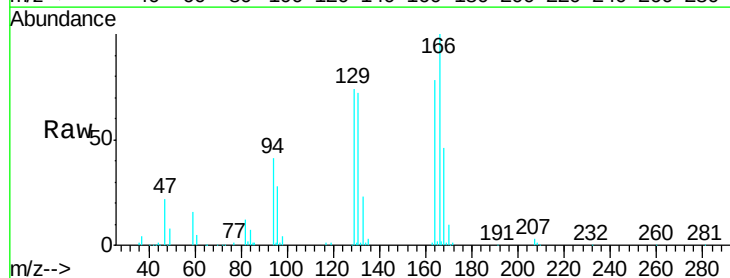
Ion Ratio Lower Upper

164 100

166 128.2 101.5 152.3

129 94.8 78.3 117.5

131 92.3 75.9 113.9

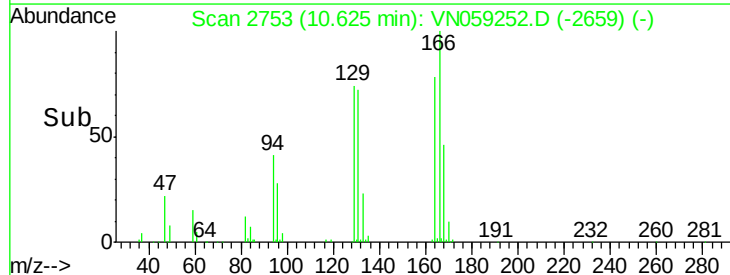
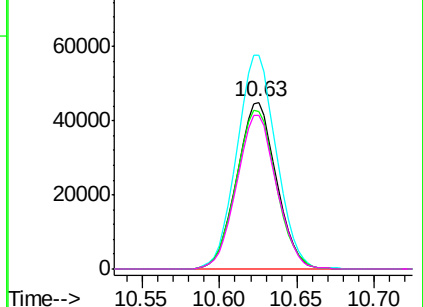


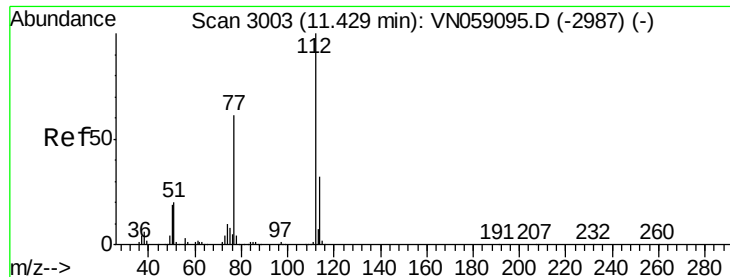
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 22.438 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

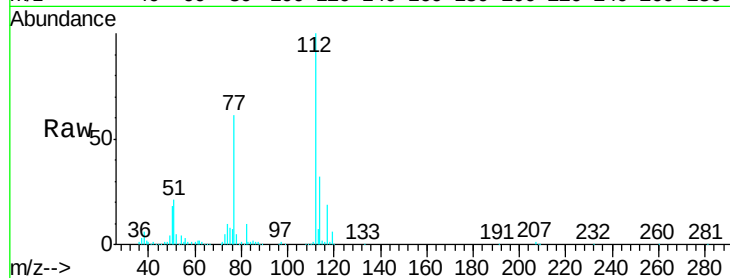
VN1115WBS01

Tgt Ion:112 Resp: 245798

Ion Ratio Lower Upper

112 100

114 31.8 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

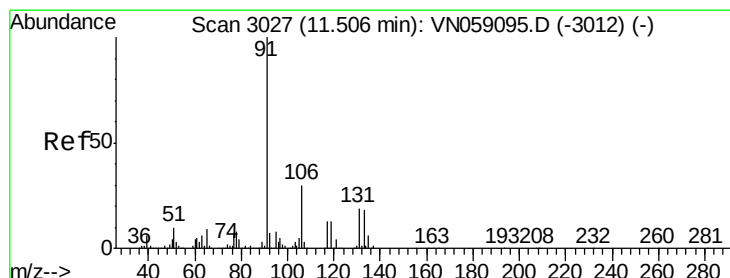
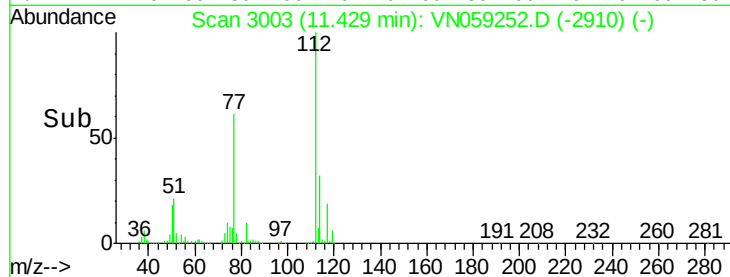
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 22.249 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

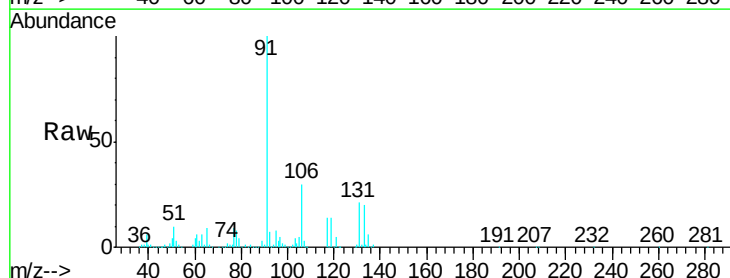
Tgt Ion:131 Resp: 91426

Ion Ratio Lower Upper

131 100

133 95.8 47.4 142.3

119 66.1 33.2 99.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

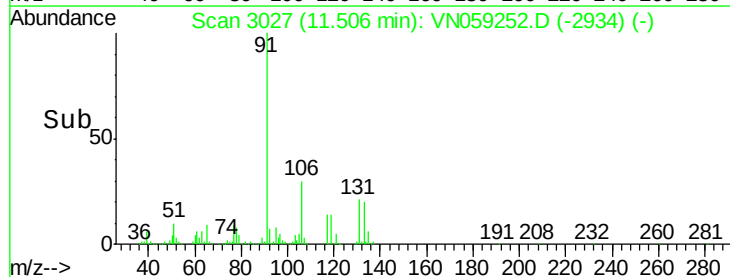
60000

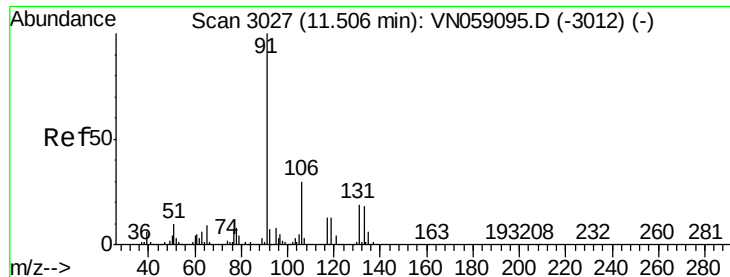
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 21.806 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

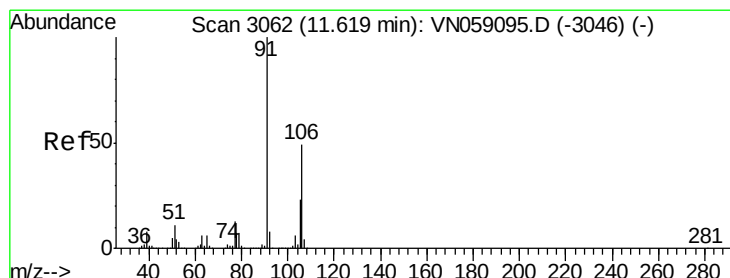
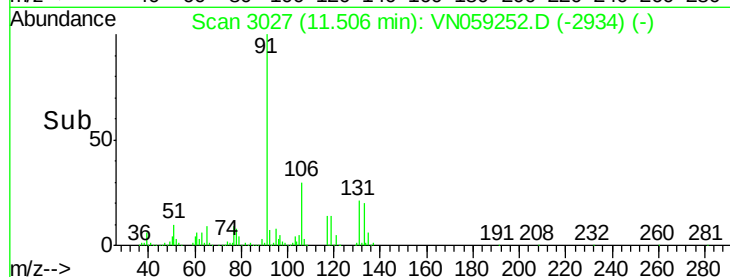
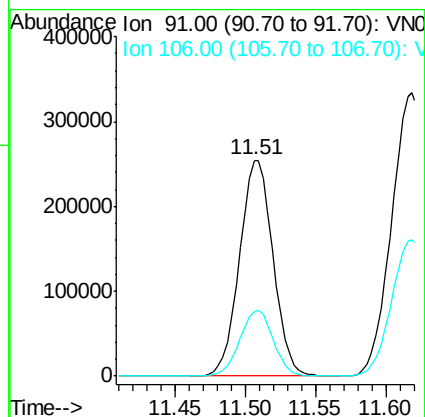
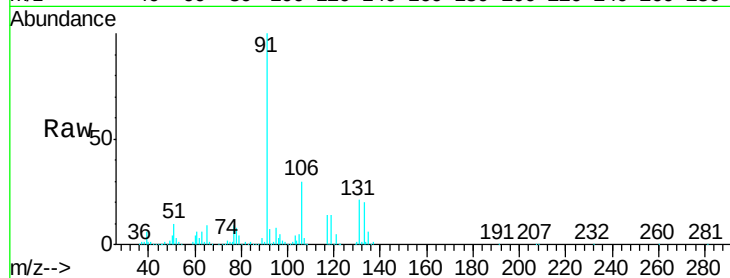
VN1115WBS01

Tgt Ion: 91 Resp: 423806

Ion Ratio Lower Upper

91 100

106 30.0 24.1 36.1



#68

m/p-Xylenes

Concen: 43.035 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059252.D

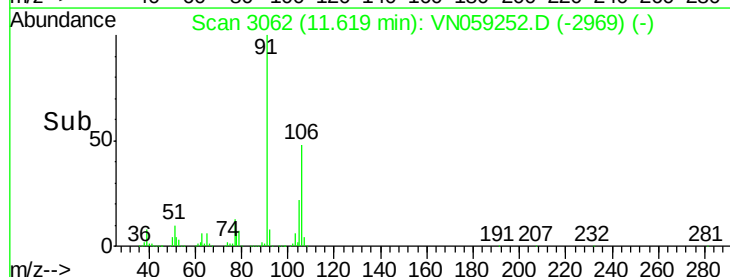
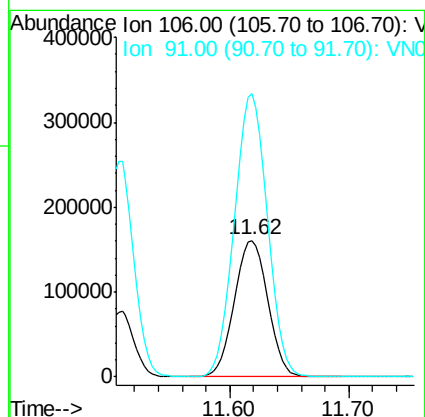
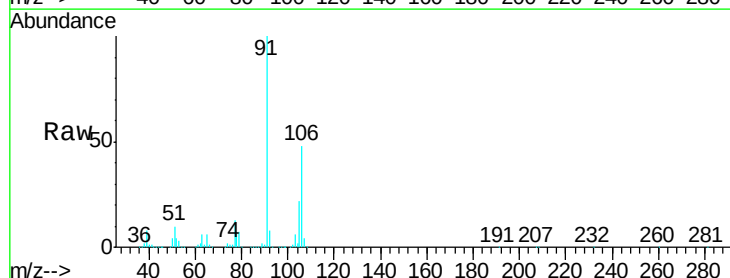
Acq: 15 Nov 2019 10:12

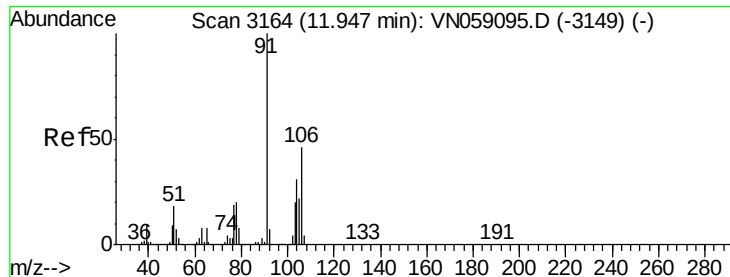
Tgt Ion: 106 Resp: 313314

Ion Ratio Lower Upper

106 100

91 204.4 164.7 247.1

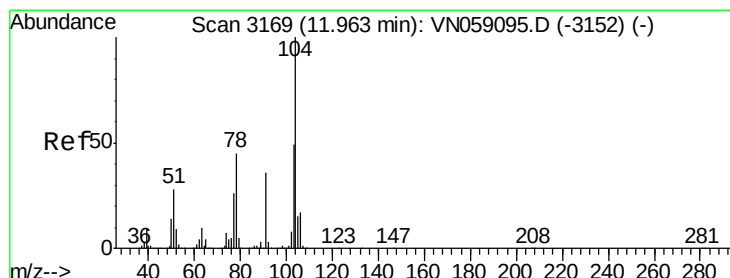
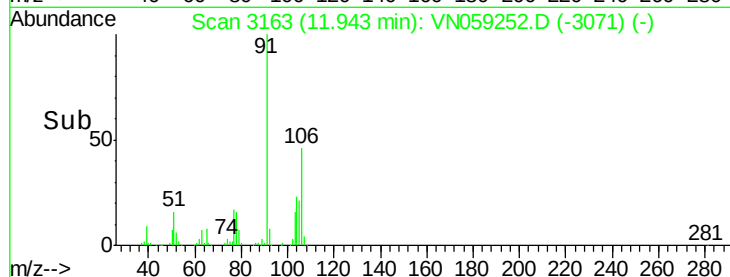
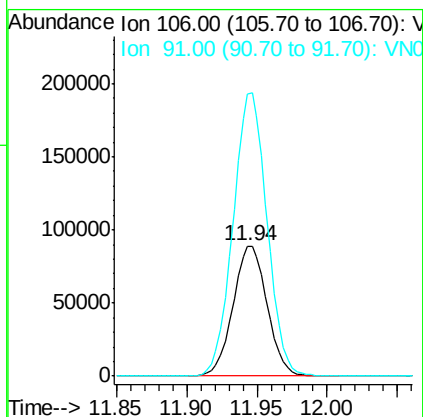
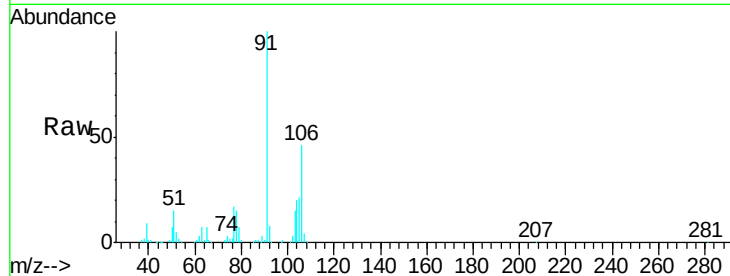




#69
o-Xylene
Concen: 21.407 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

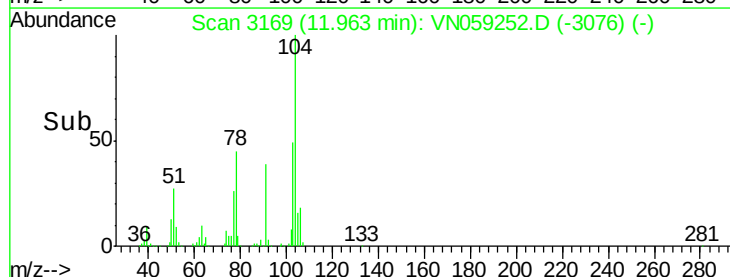
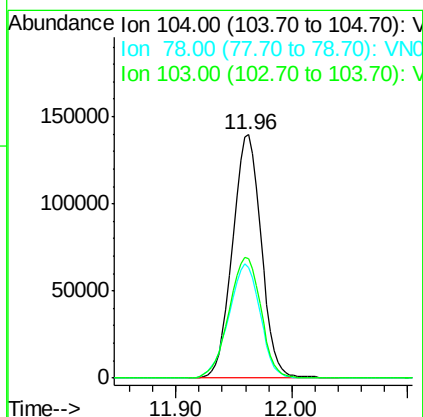
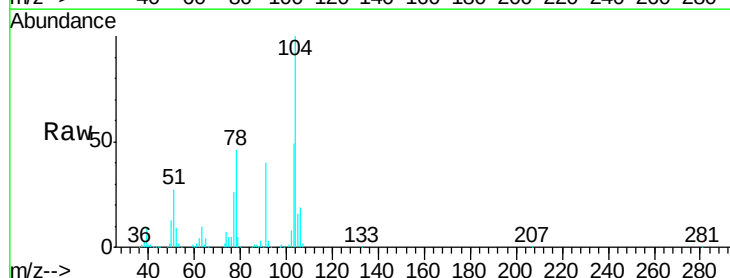
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

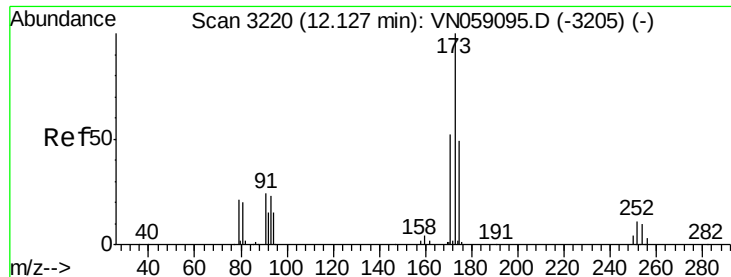
Tgt Ion:106 Resp: 150618
Ion Ratio Lower Upper
106 100
91 216.6 110.1 330.3



#70
Styrene
Concen: 21.610 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

Tgt Ion:104 Resp: 239125
Ion Ratio Lower Upper
104 100
78 51.6 41.2 61.8
103 55.2 43.8 65.6





#71

Bromoform

Concen: 22.076 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

VN1115WBS01

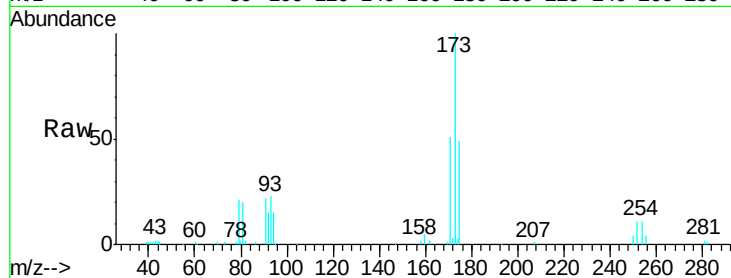
Tgt Ion:173 Resp: 70562

Ion Ratio Lower Upper

173 100

175 49.4 24.2 72.6

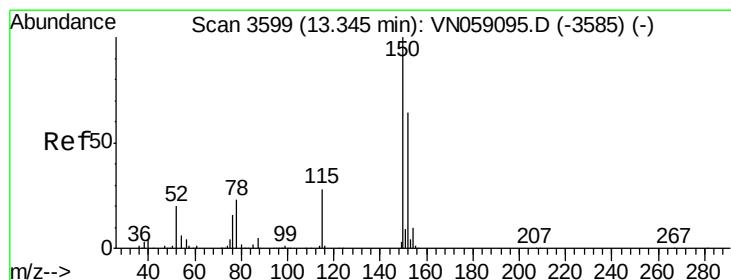
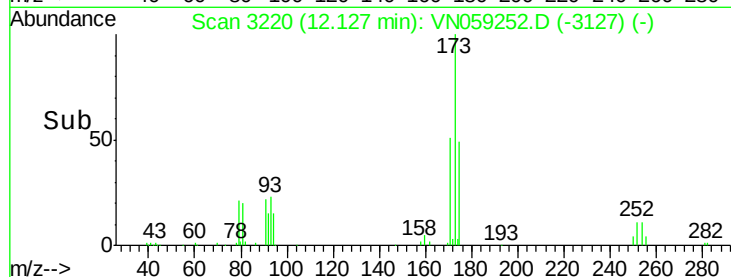
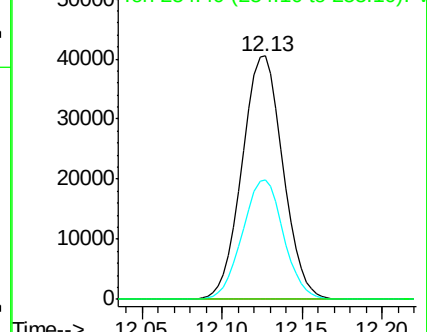
254 0.0 0.1 0.1#



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: VN059252.D

Acq: 15 Nov 2019 10:12

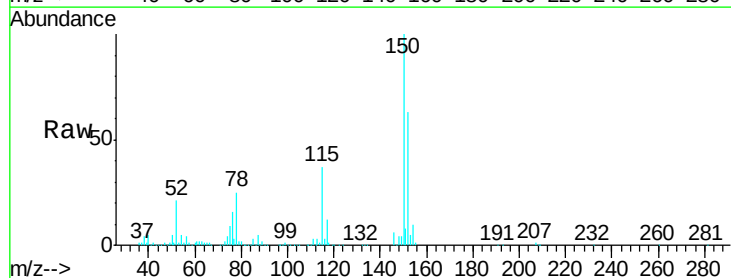
Tgt Ion:152 Resp: 258612

Ion Ratio Lower Upper

152 100

115 58.9 29.4 88.2

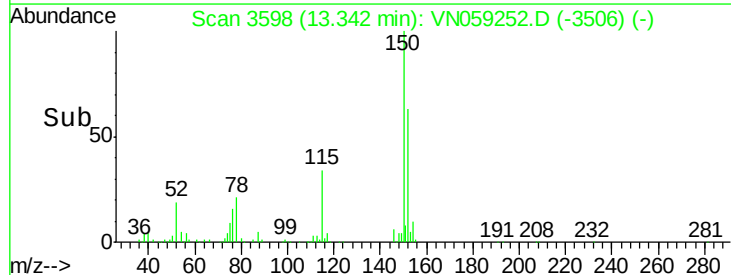
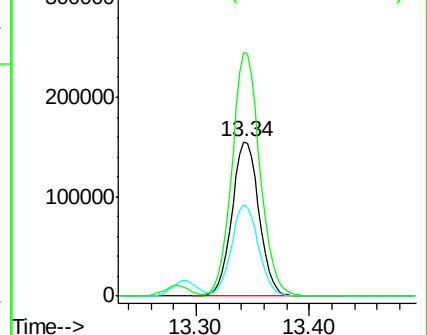
150 163.0 0.0 345.8

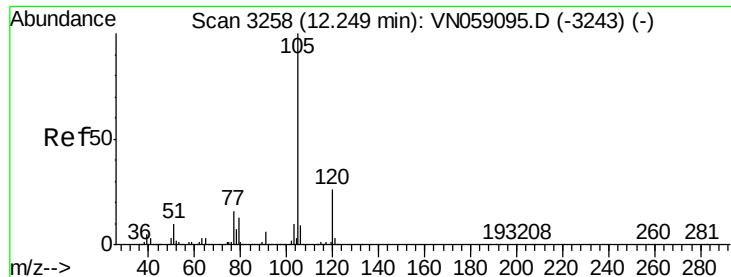


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.775 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

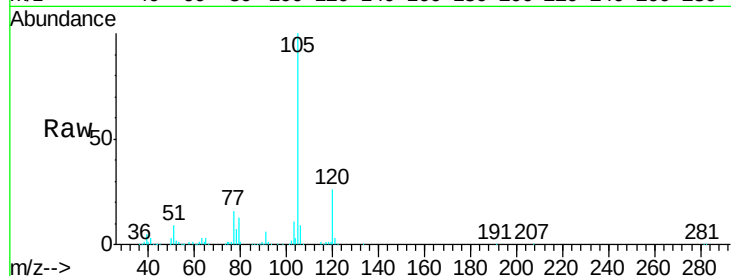
VN1115WBS01

Tgt Ion:105 Resp: 409622

Ion Ratio Lower Upper

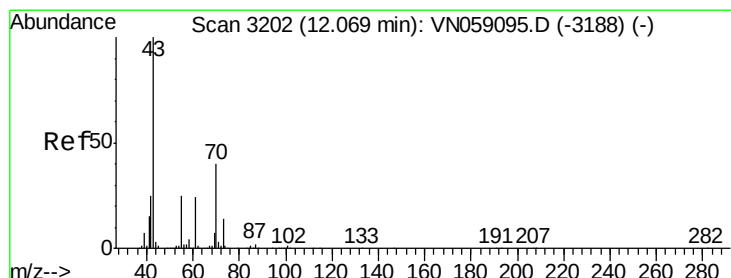
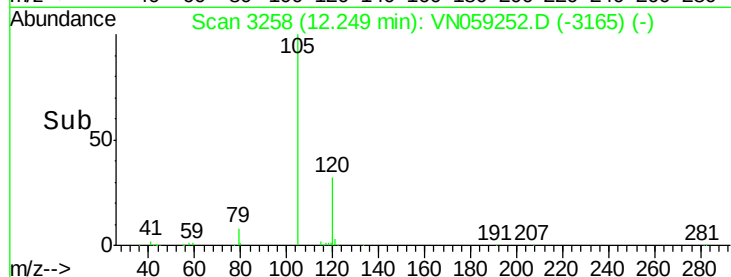
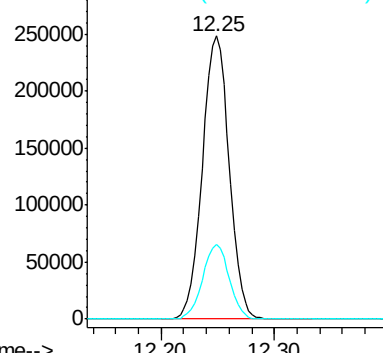
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.113 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Tgt Ion: 43 Resp: 168292

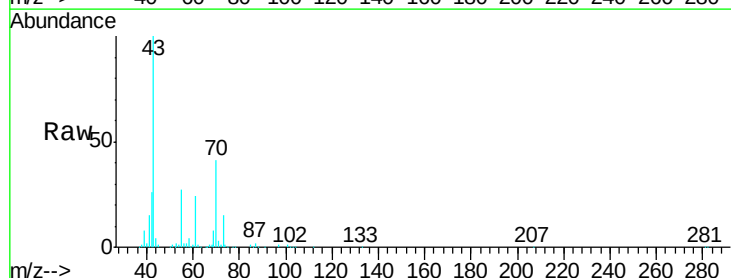
Ion Ratio Lower Upper

43 100

70 42.3 32.2 48.4

55 27.1 20.4 30.6

61 24.0 19.3 28.9

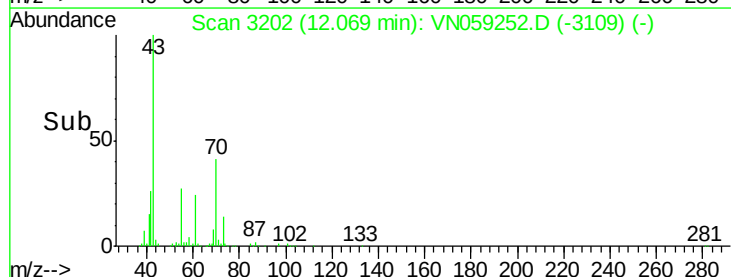
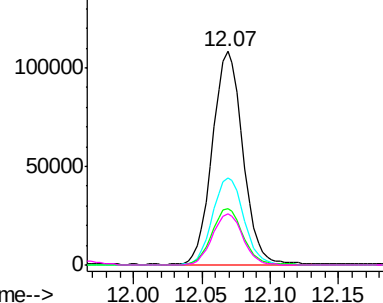


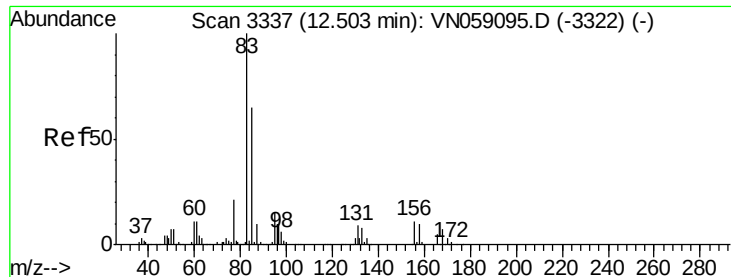
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.809 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

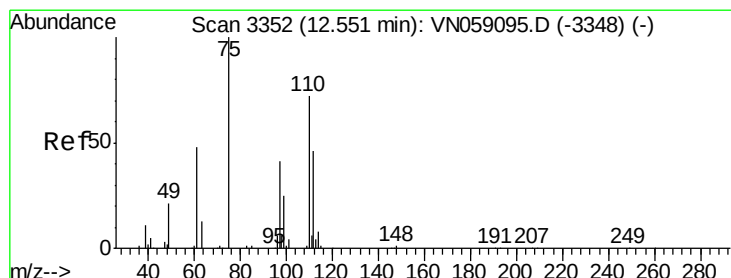
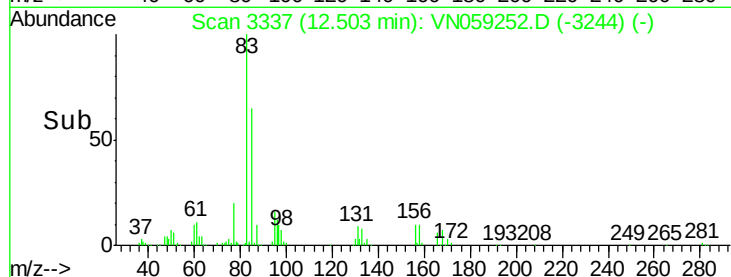
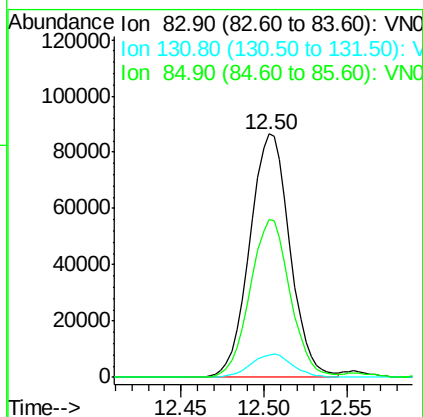
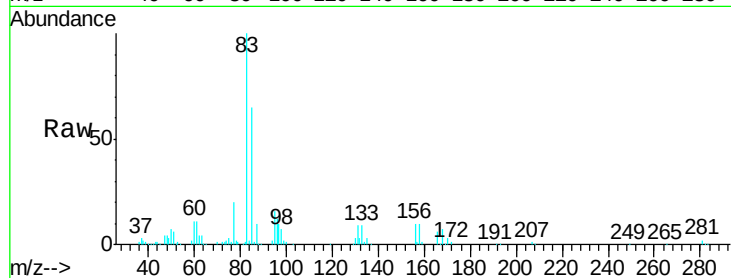
Tgt Ion: 83 Resp: 146119

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 64.7 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 31.610 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN059252.D

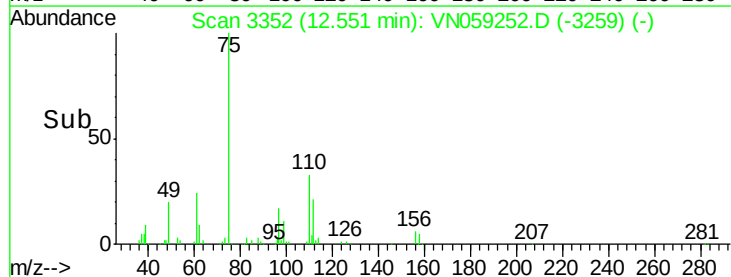
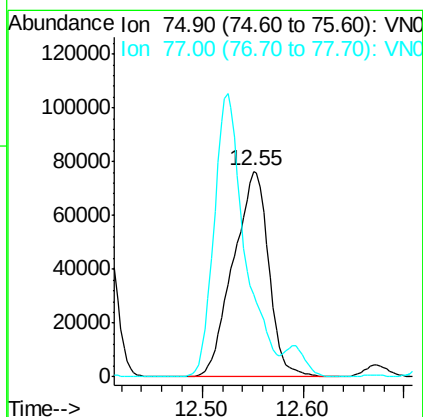
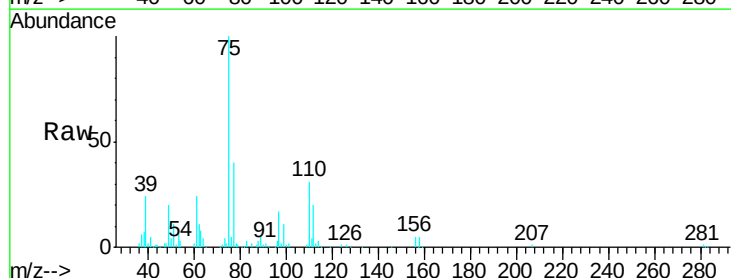
Acq: 15 Nov 2019 10:12

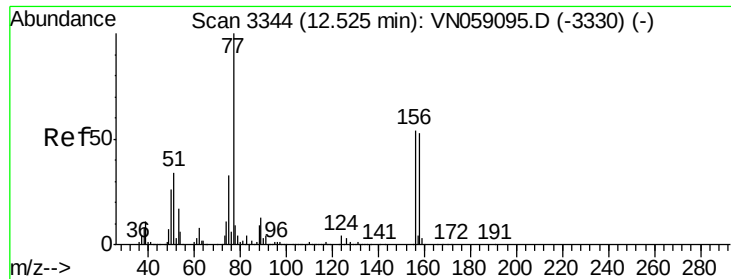
Tgt Ion: 75 Resp: 186114

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.110 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

VN1115WBS01

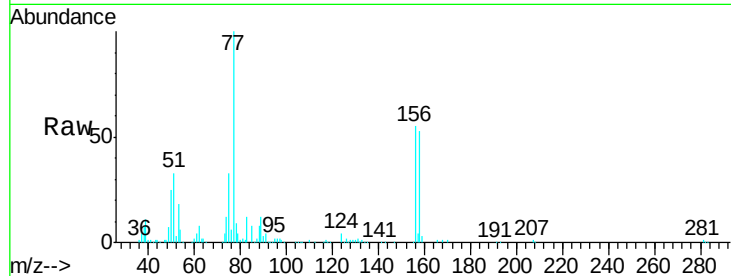
Tgt Ion:156 Resp: 99771

Ion Ratio Lower Upper

156 100

77 224.1 112.8 338.3

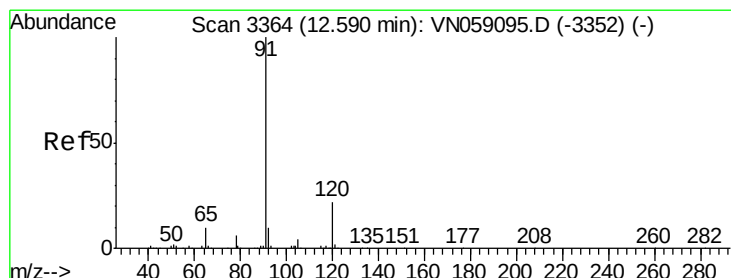
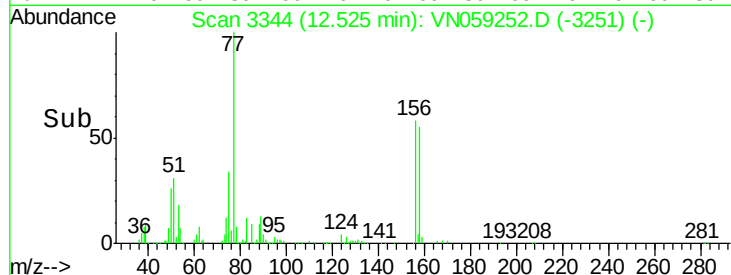
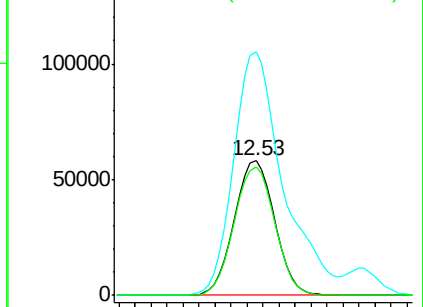
158 96.3 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.532 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059252.D

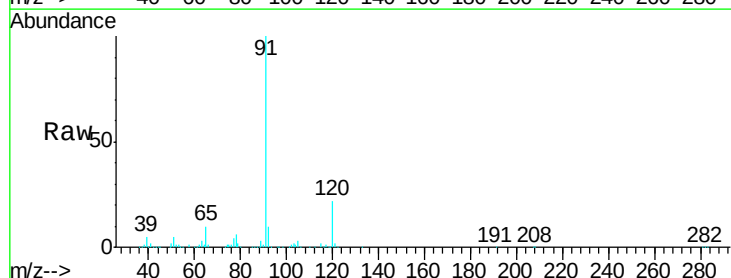
Acq: 15 Nov 2019 10:12

Tgt Ion: 91 Resp: 463773

Ion Ratio Lower Upper

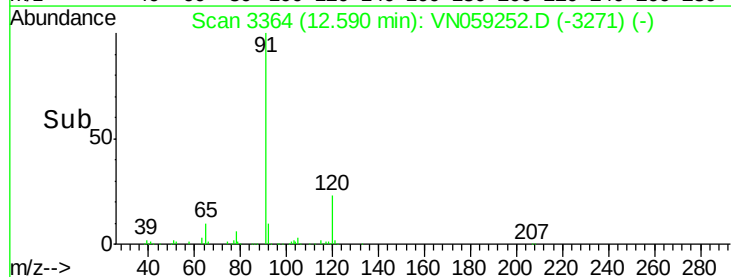
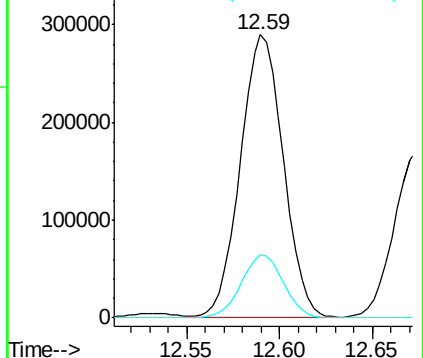
91 100

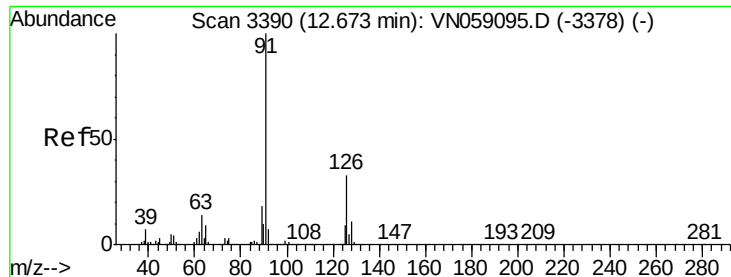
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.996 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

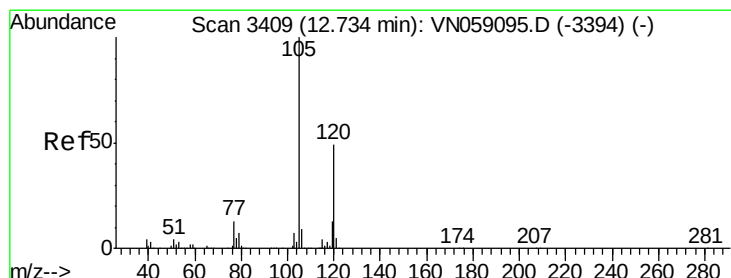
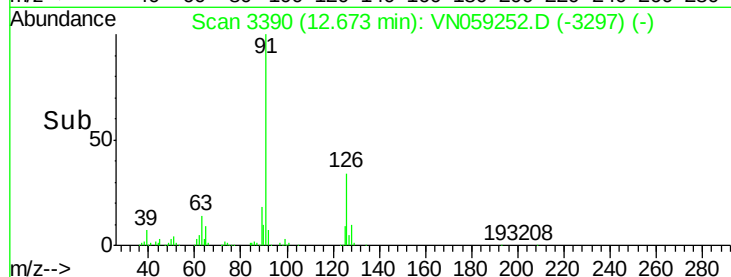
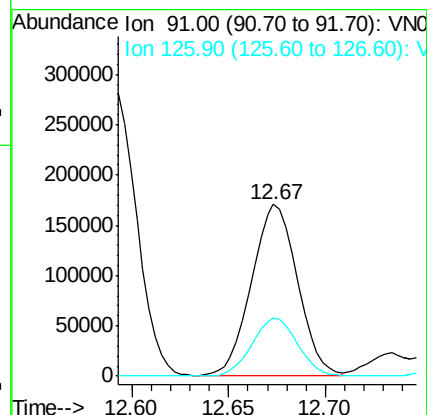
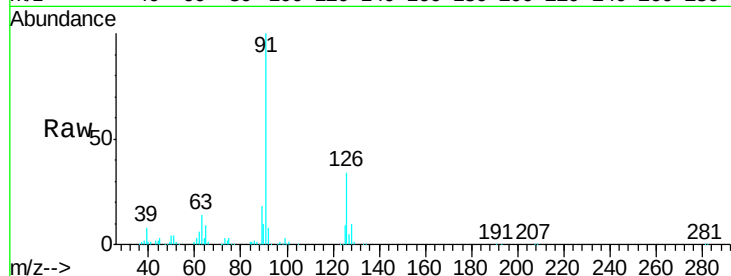
VN1115WBS01

Tgt Ion: 91 Resp: 280548

Ion Ratio Lower Upper

91 100

126 33.7 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 21.509 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059252.D

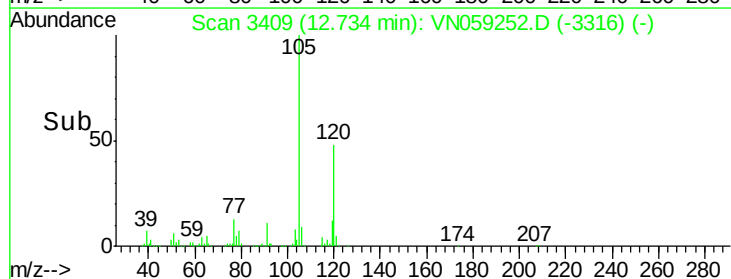
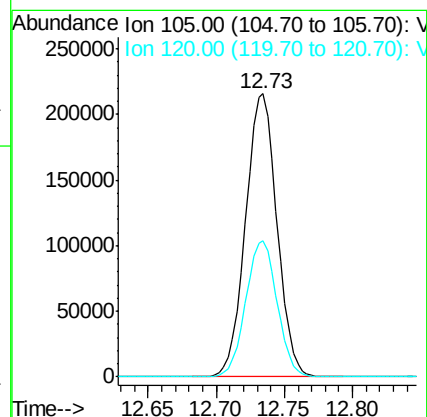
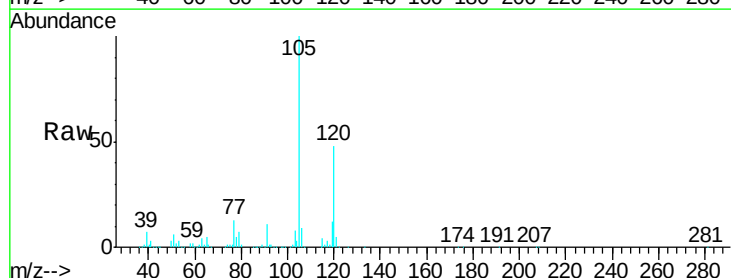
Acq: 15 Nov 2019 10:12

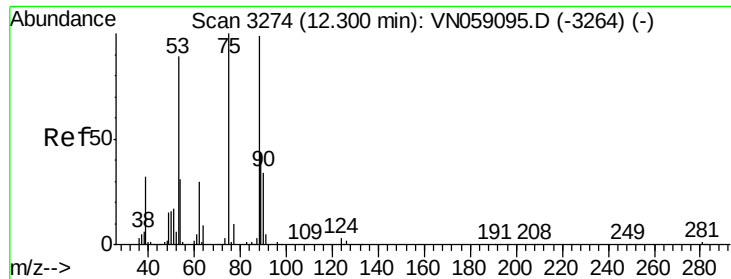
Tgt Ion: 105 Resp: 342850

Ion Ratio Lower Upper

105 100

120 48.3 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.368 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

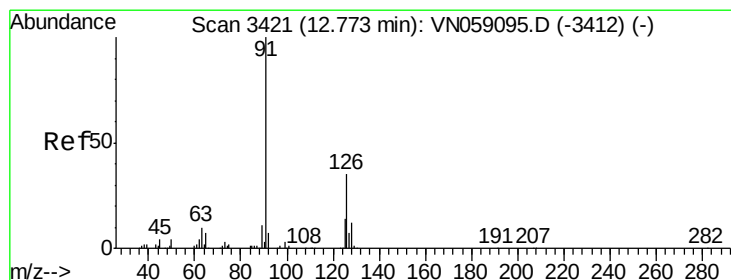
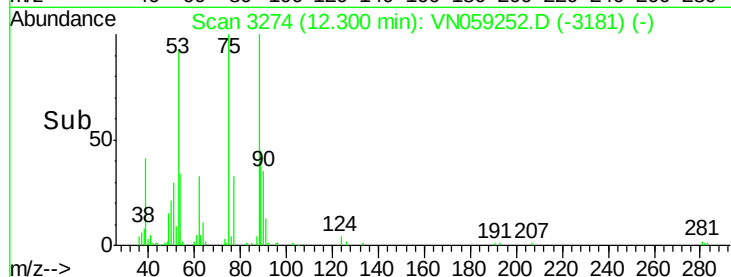
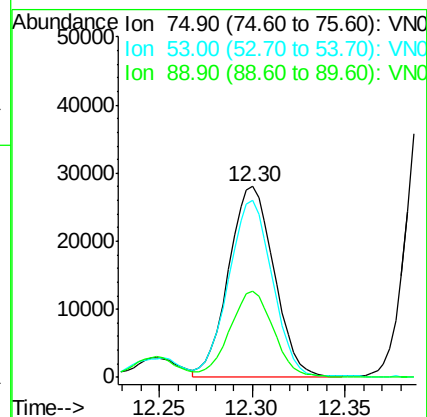
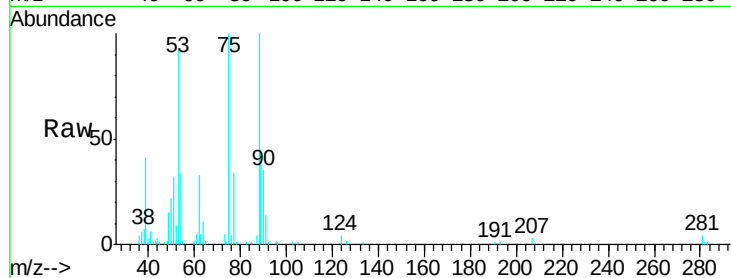
Tgt Ion: 75 Resp: 47631

Ion Ratio Lower Upper

75 100

53 88.5 72.2 108.2

89 44.1 35.8 53.8



#82

4-Chlorotoluene

Concen: 21.121 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059252.D

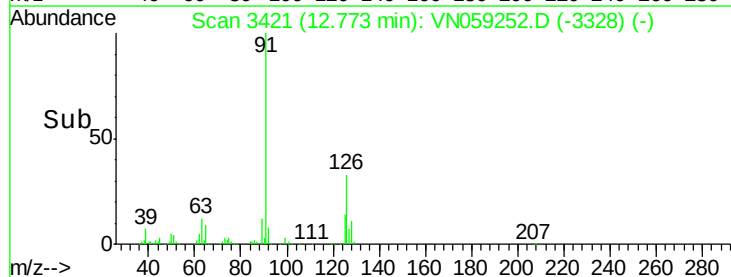
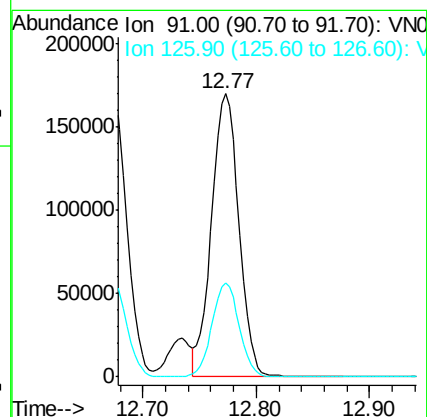
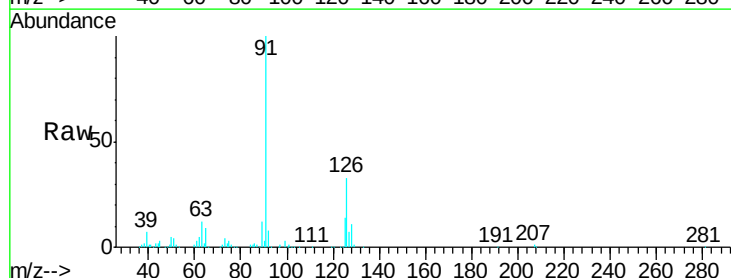
Acq: 15 Nov 2019 10:12

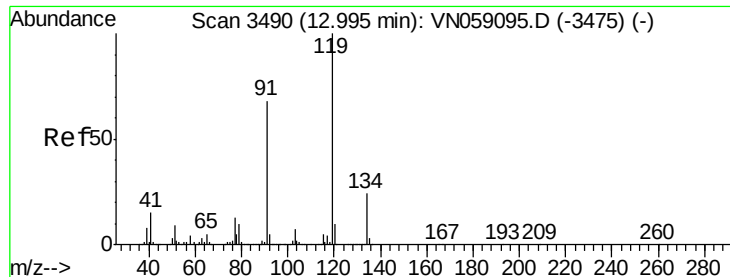
Tgt Ion: 91 Resp: 283056

Ion Ratio Lower Upper

91 100

126 33.2 16.1 48.2

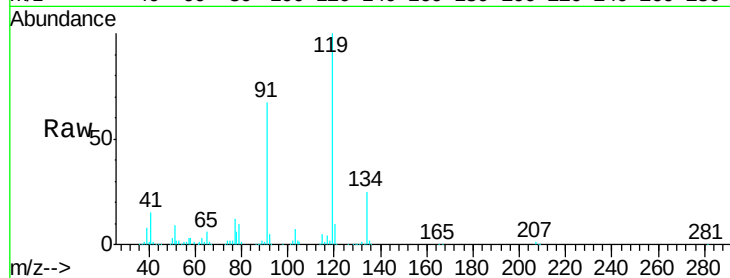




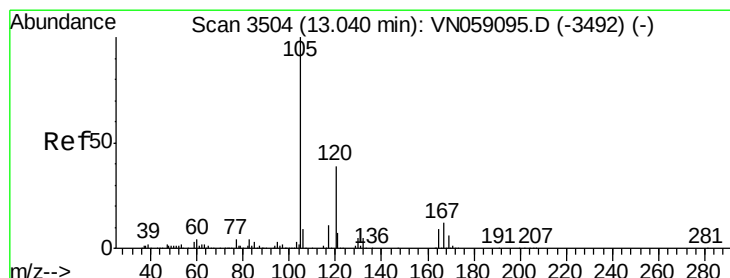
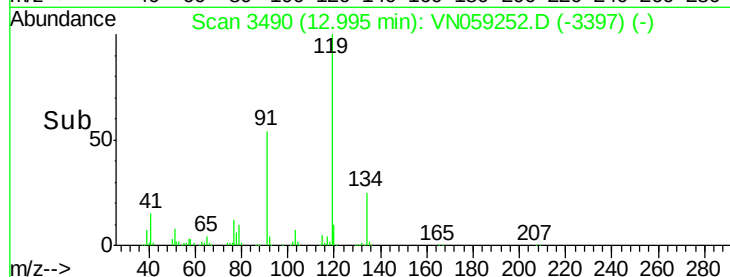
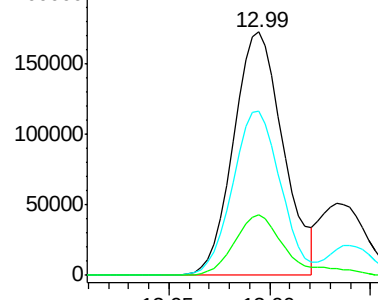
#83
 tert-Butylbenzene
 Concen: 21.453 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

Tgt Ion:119 Resp: 295316
 Ion Ratio Lower Upper
 119 100
 91 65.0 33.2 99.6
 134 25.9 12.7 38.1

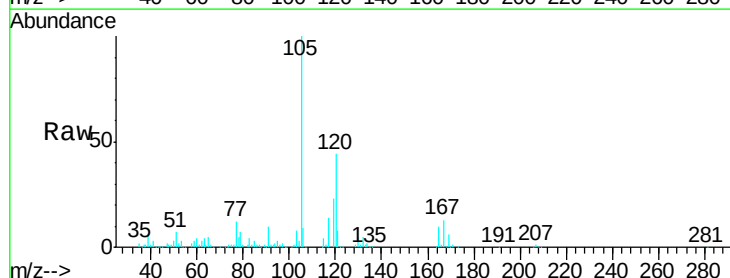


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

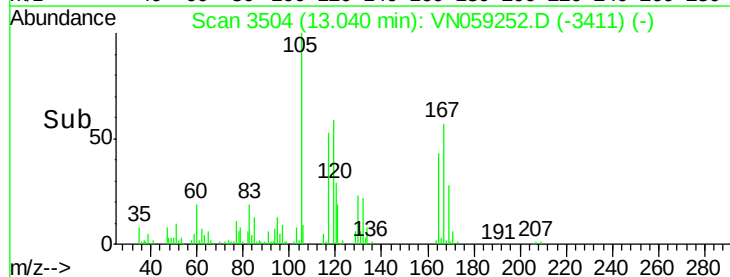
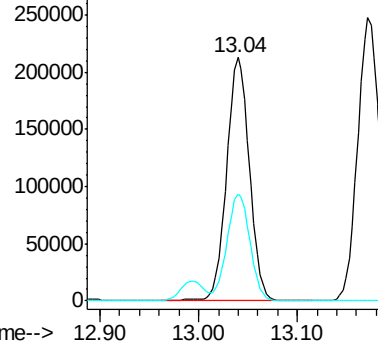


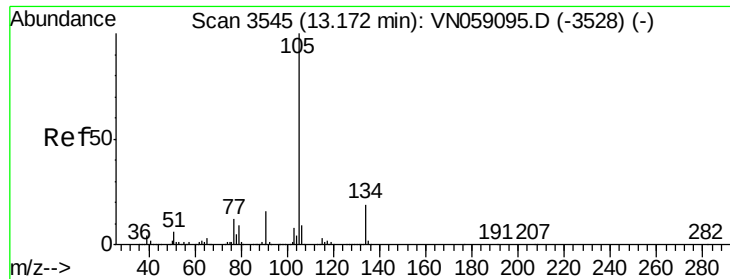
#84
 1,2,4-Trimethylbenzene
 Concen: 21.908 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

Tgt Ion:105 Resp: 337863
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.8 68.4



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





#85

sec-Butylbenzene

Concen: 21.591 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

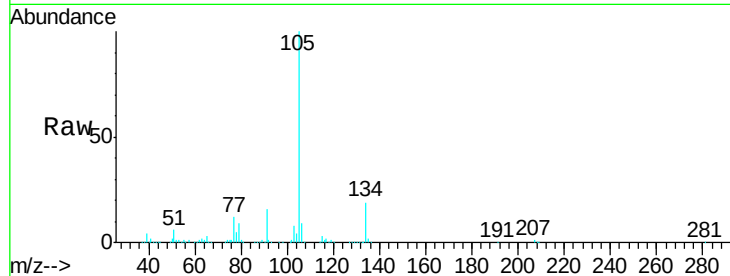
VN1115WBS01

Tgt Ion:105 Resp: 386528

Ion Ratio Lower Upper

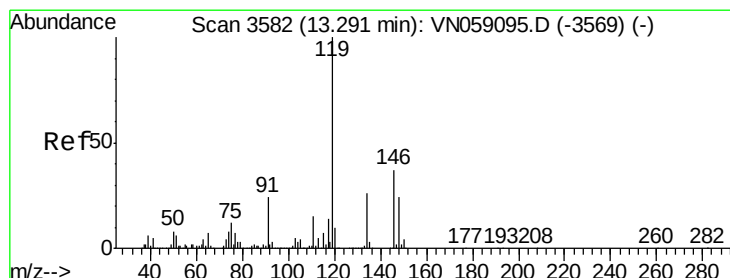
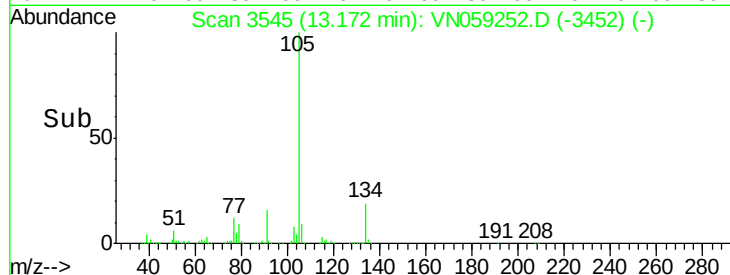
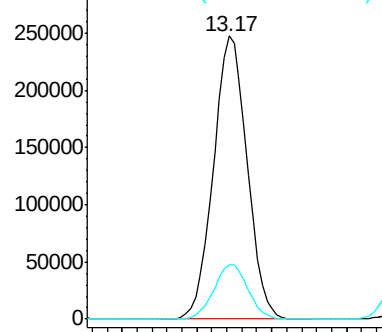
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.842 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

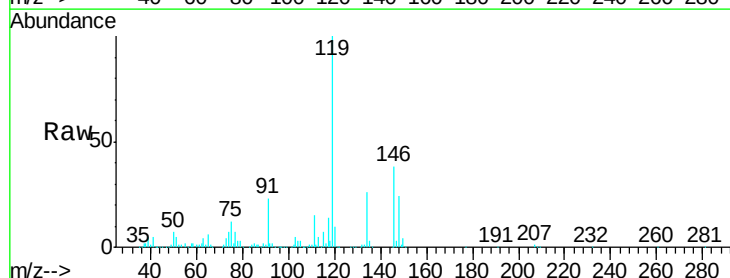
Tgt Ion:119 Resp: 345270

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

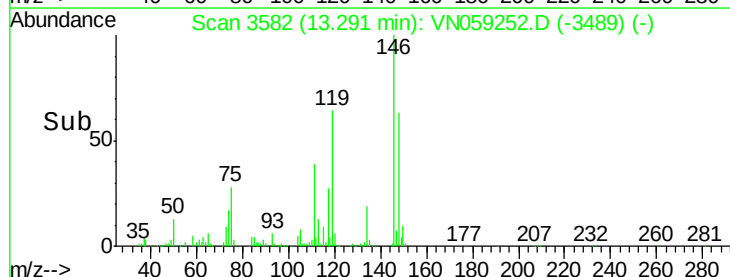
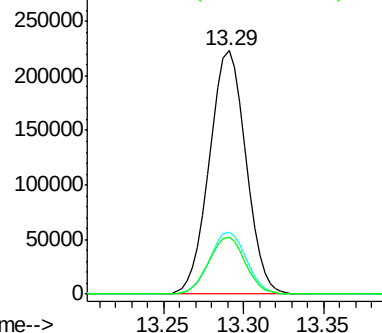
91 23.8 11.7 35.1

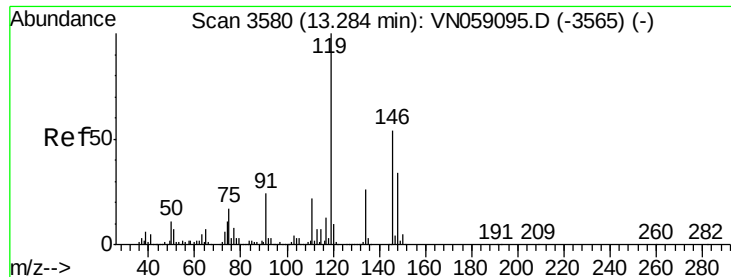


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.184 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

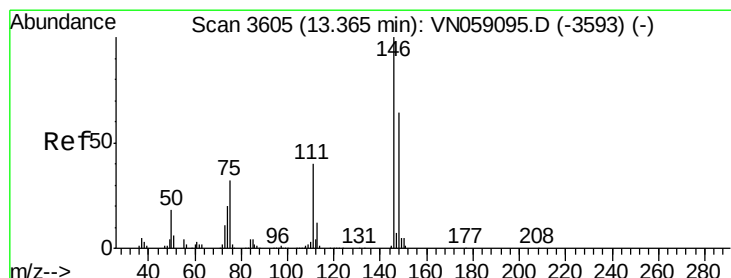
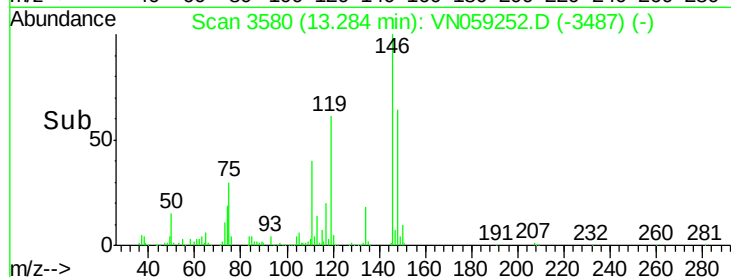
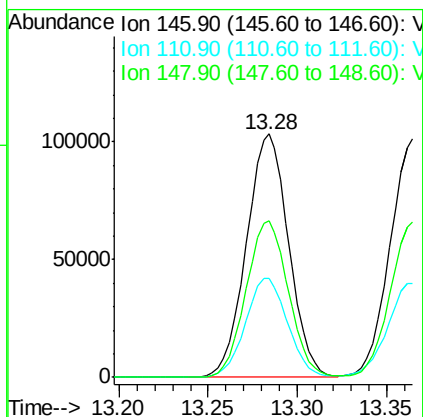
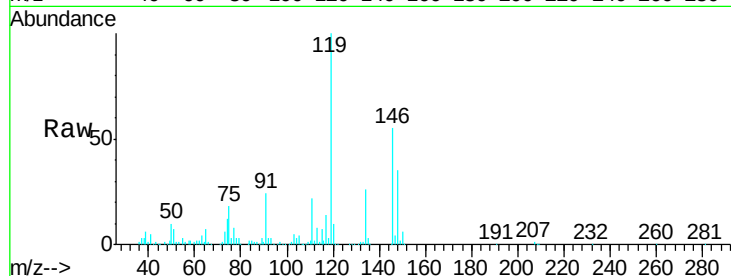
Instrument :

MSVOA_N

ClientSampled :

VN1115WBS01

Tgt Ion:	146	Resp:	171450
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.3
148	64.4	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 20.924 ug/l

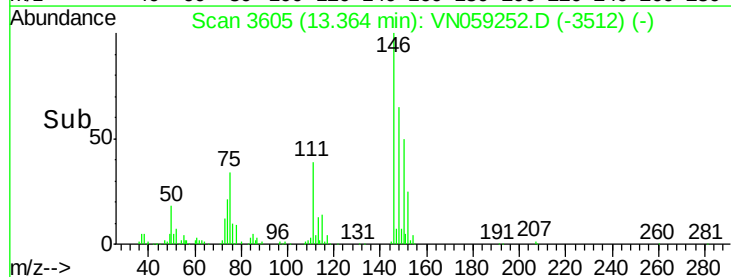
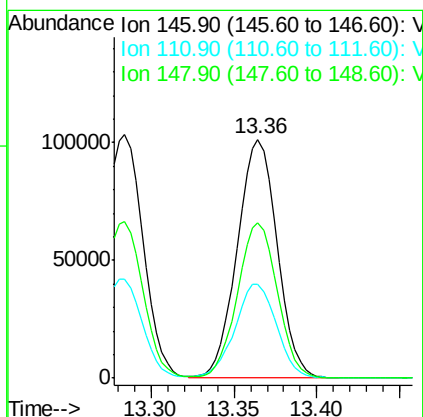
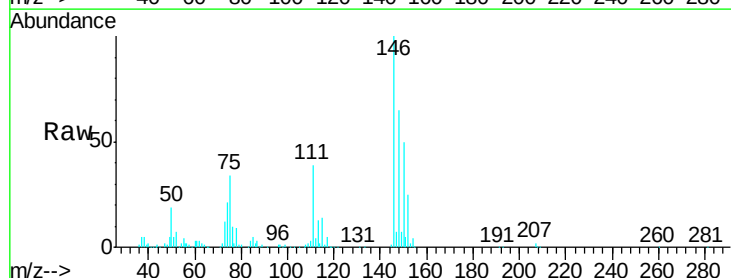
RT: 13.36 min Scan# 3605

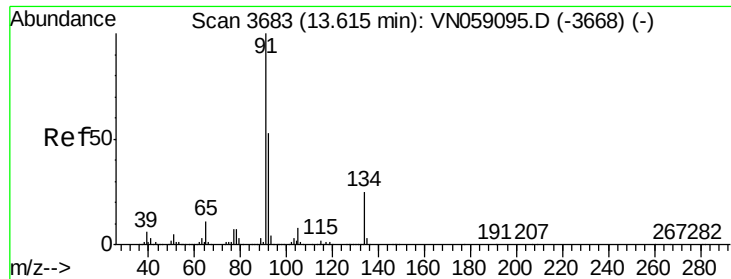
Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Tgt Ion:	146	Resp:	169431
Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.9
148	64.9	31.9	95.7

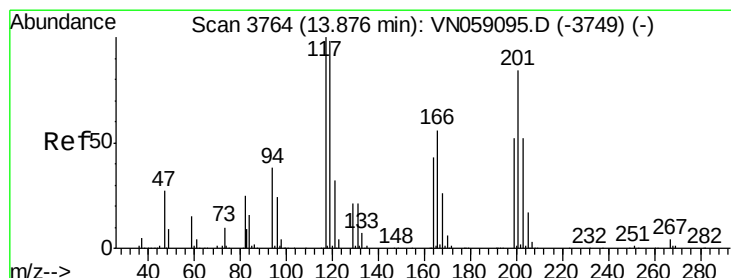
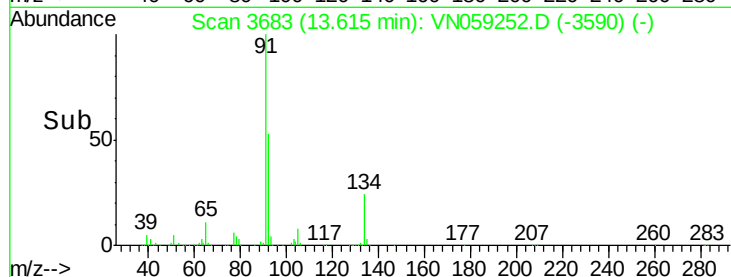
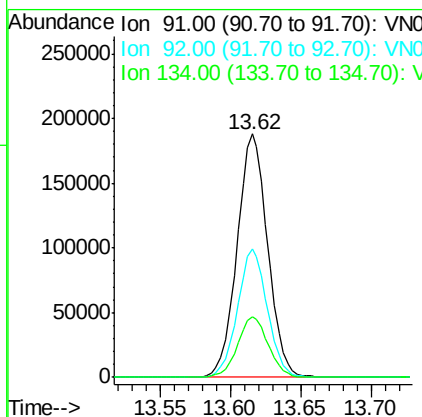
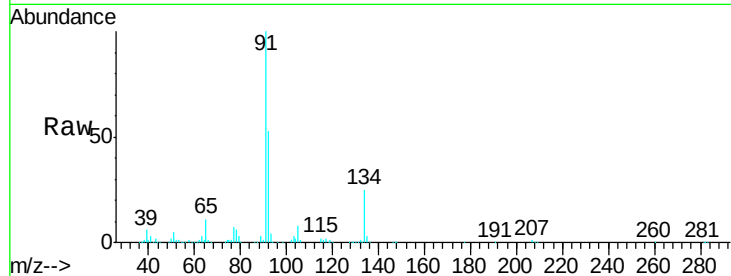




#89
n-Butylbenzene
Concen: 20.675 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

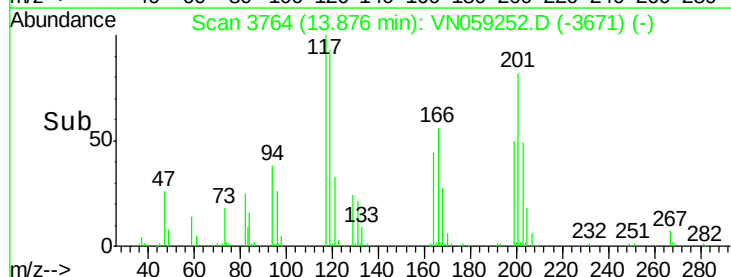
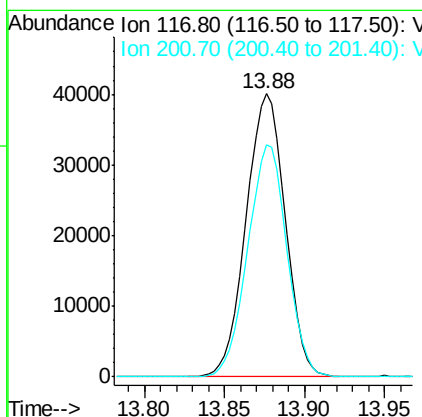
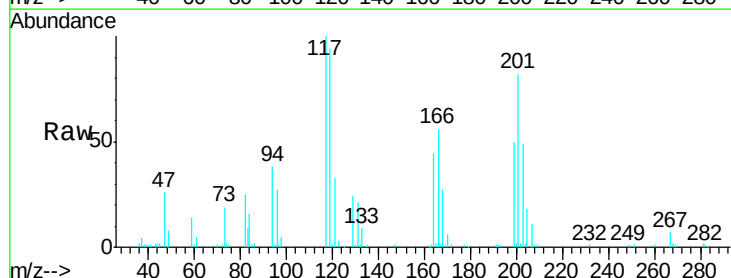
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBS01

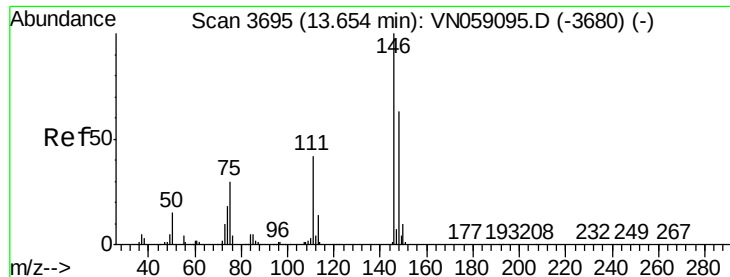
Tgt Ion: 91 Resp: 286048
Ion Ratio Lower Upper
91 100
92 51.3 26.1 78.3
134 25.0 12.6 37.8



#90
Hexachloroethane
Concen: 21.135 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059252.D
Acq: 15 Nov 2019 10:12

Tgt Ion: 117 Resp: 67087
Ion Ratio Lower Upper
117 100
201 82.2 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 21.636 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

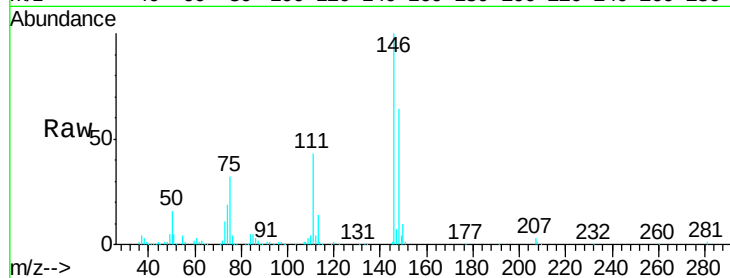
Instrument :

MSVOA_N

ClientSampled :

VN1115WBS01

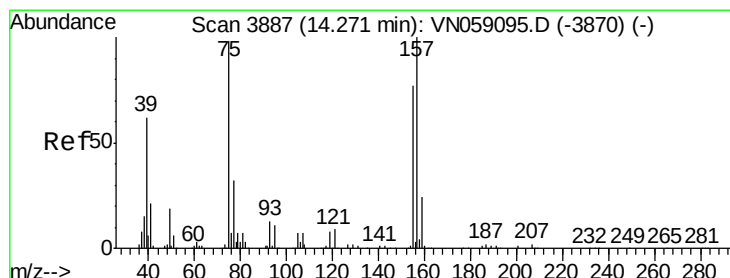
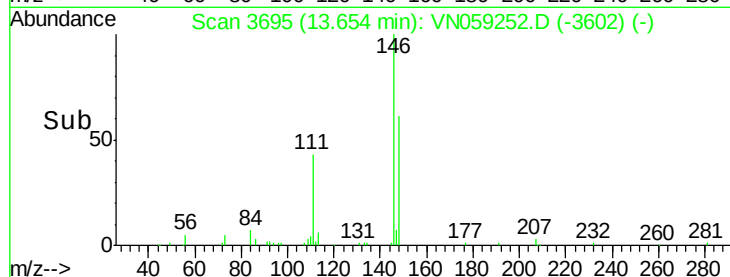
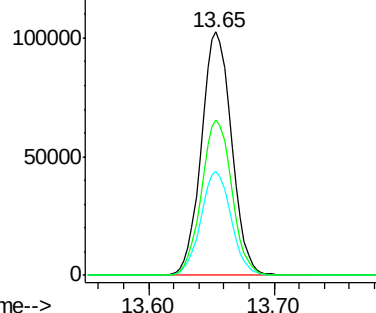
Tgt Ion:	146	Resp:	172251
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	64.0	31.6	94.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.872 ug/l

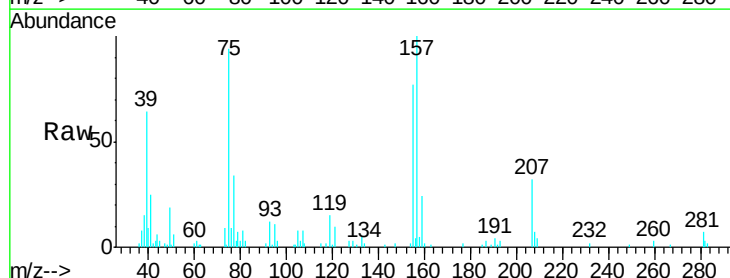
RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

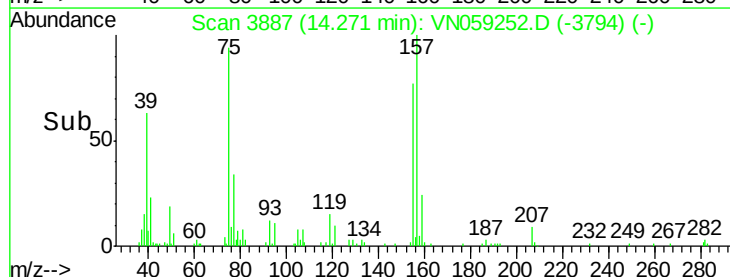
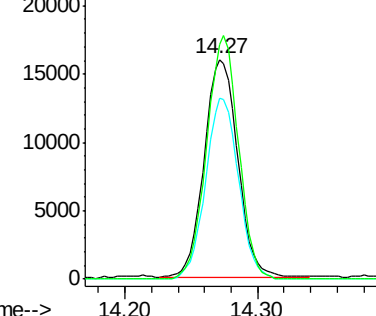
Tgt Ion:	75	Resp:	27936
Ion	Ratio	Lower	Upper
75	100		
155	81.4	40.2	120.6
157	105.9	51.8	155.5

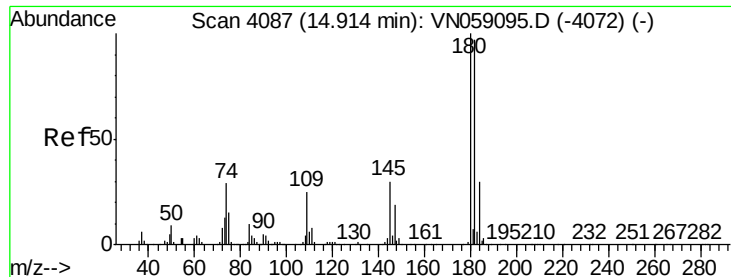


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

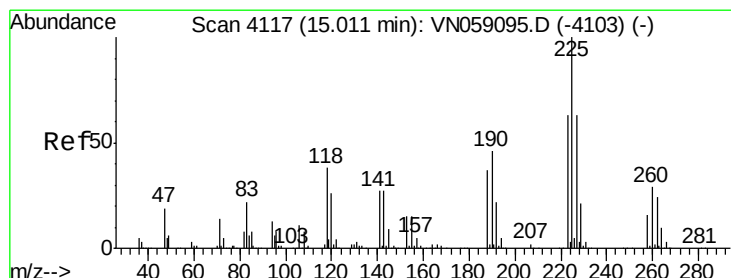
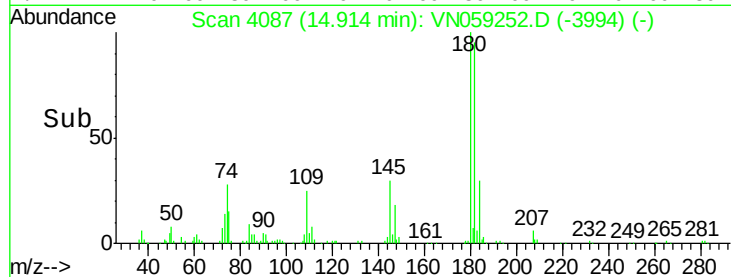
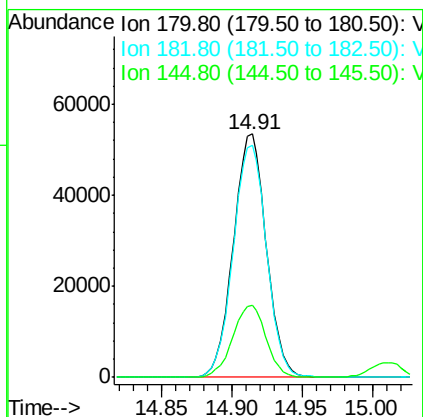
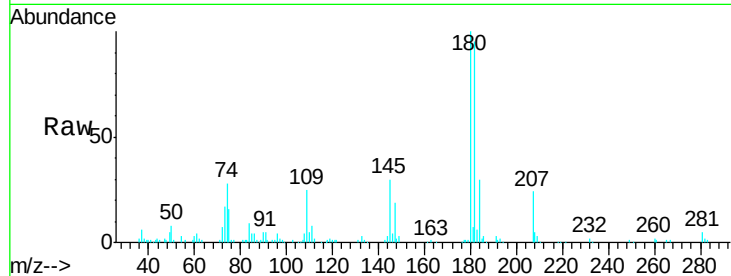




#93
 1,2,4-Trichlorobenzene
 Concen: 20.063 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

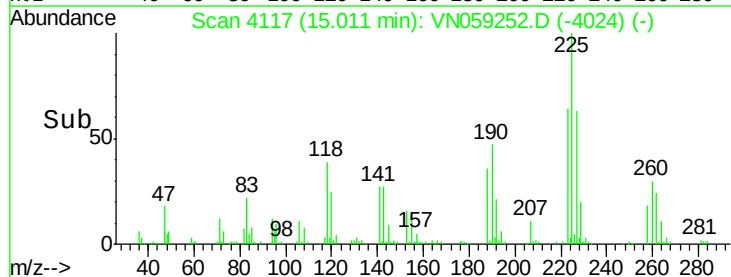
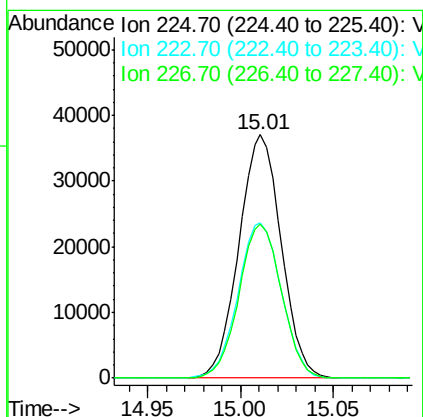
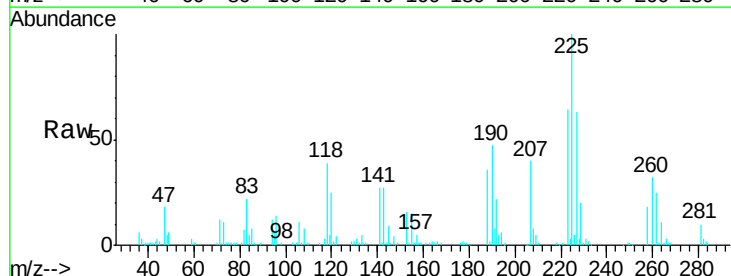
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

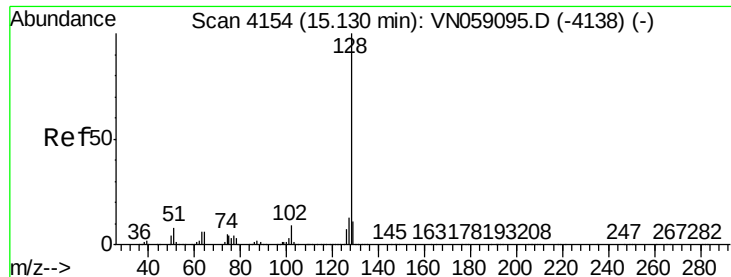
Tgt Ion:180 Resp: 87530
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.1 144.3
 145 30.0 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 21.347 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059252.D
 Acq: 15 Nov 2019 10:12

Tgt Ion:225 Resp: 58599
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.3 93.9
 227 63.6 31.5 94.5





#95

Naphthalene

Concen: 19.564 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBS01

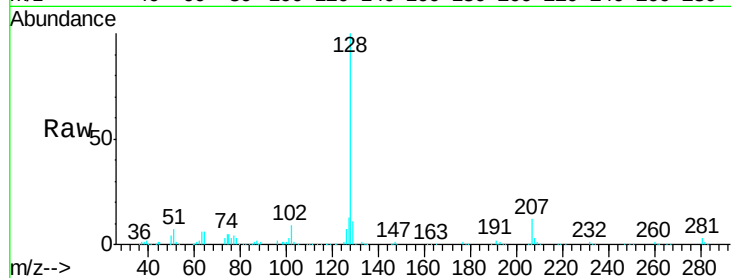
Tgt Ion:128 Resp: 235737

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

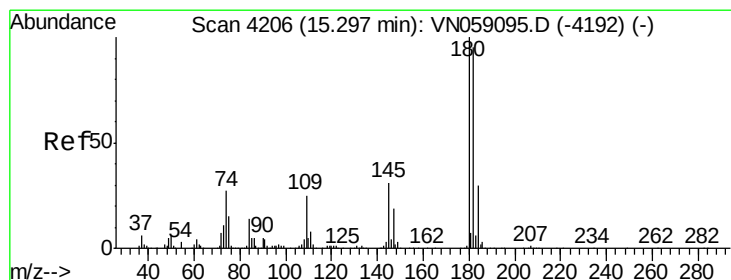
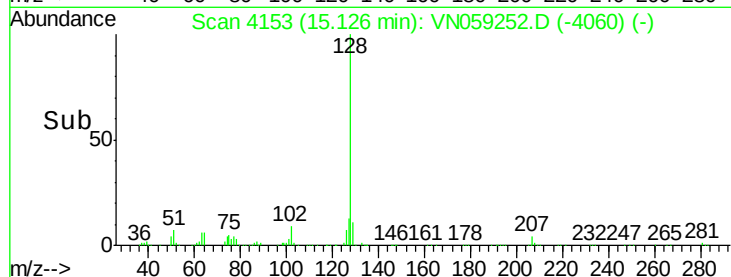
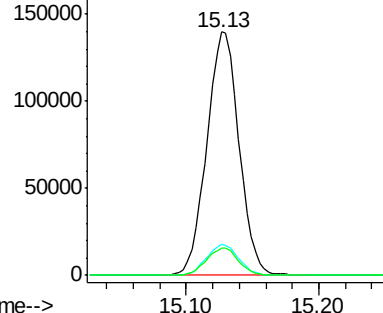
129 11.1 8.6 12.8



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: 20.424 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059252.D

Acq: 15 Nov 2019 10:12

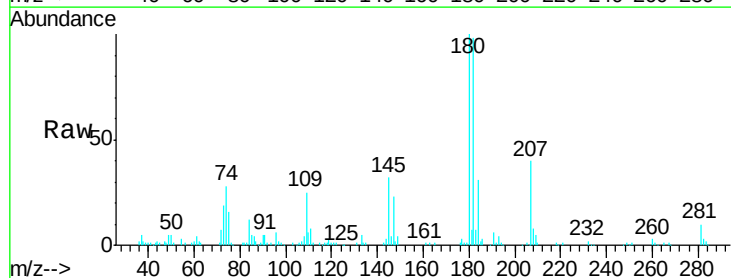
Tgt Ion:180 Resp: 91126

Ion Ratio Lower Upper

180 100

182 96.9 47.3 141.8

145 31.2 15.8 47.3



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

