

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
 Data File : VN059062.D
 Acq On : 1 Nov 2019 15:15
 Operator : JC/SP
 Sample : VN1101WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 06:04:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	375081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	594765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	531495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240785	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	221690	44.63	ug/l	0.00
Spiked Amount			Recovery	=	89.26%	
35) Dibromofluoromethane	7.57	113	167930	43.77	ug/l	0.00
Spiked Amount			Recovery	=	87.54%	
50) Toluene-d8	10.08	98	660972	44.25	ug/l	0.00
Spiked Amount			Recovery	=	88.50%	
62) 4-Bromofluorobenzene	12.40	95	230759	42.97	ug/l	0.00
Spiked Amount			Recovery	=	85.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	86134	21.240	ug/l	95
3) Chloromethane	2.04	50	115561	21.015	ug/l	98
4) Vinyl Chloride	2.17	62	114296	21.413	ug/l	95
5) Bromomethane	2.55	94	66100	20.947	ug/l	99
6) Chloroethane	2.68	64	67301	20.588	ug/l	98
7) Trichlorofluoromethane	3.00	101	134606	21.223	ug/l	97
8) Diethyl Ether	3.39	74	51161	20.655	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	79554	21.280	ug/l	99
10) Methyl Iodide	3.93	142	90536	19.925	ug/l	99
11) Tert butyl alcohol	4.75	59	94735	103.043	ug/l	99
12) 1,1-Dichloroethene	3.71	96	76637	20.613	ug/l	98
13) Acrolein	3.58	56	50059	86.291	ug/l	98
14) Allyl chloride	4.29	41	151329	20.541	ug/l	97
15) Acrylonitrile	4.96	53	243254	105.475	ug/l	100
16) Acetone	3.79	43	261836	104.116	ug/l	99
17) Carbon Disulfide	4.03	76	241895	20.465	ug/l	99
18) Methyl Acetate	4.30	43	123527	19.389	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	268933	21.238	ug/l	99
20) Methylene Chloride	4.52	84	92059	20.910	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	84037	21.054	ug/l	99
22) Diisopropyl ether	5.92	45	303793	21.649	ug/l	94
23) Vinyl Acetate	5.87	43	1270405	113.665	ug/l	99
24) 1,1-Dichloroethane	5.82	63	167476	20.875	ug/l	99
25) 2-Butanone	6.81	43	352503	105.268	ug/l	99
26) 2,2-Dichloropropane	6.80	77	144904	20.809	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	95430	21.234	ug/l	99
28) Bromochloromethane	7.18	49	30161	12.181	ug/l	95
29) Tetrahydrofuran	7.19	42	222974	105.508	ug/l	99
30) Chloroform	7.35	83	161366	21.034	ug/l	97
31) Cyclohexane	7.63	56	157523	20.585	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	139138	21.436	ug/l	99
36) 1,1-Dichloropropene	7.77	75	123077	20.821	ug/l	99
37) Ethyl Acetate	6.90	43	139910	21.302	ug/l	99
38) Carbon Tetrachloride	7.75	117	122239	21.219	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	141070	20.647	ug/l	95
40) Benzene	8.02	78	371013	21.149	ug/l	99
41) Methacrylonitrile	7.19	41	198919	70.040	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	130275	21.383	ug/l	98
43) Isopropyl Acetate	8.14	43	214269	20.861	ug/l	94
44) Trichloroethene	8.82	130	89854	20.817	ug/l	95
45) 1,2-Dichloropropane	9.10	63	100289	21.138	ug/l	98
46) Dibromomethane	9.19	93	61743	21.057	ug/l	99
47) Bromodichloromethane	9.39	83	124047	20.889	ug/l	98
48) Methyl methacrylate	9.19	41	95769	20.449	ug/l	99
49) 1,4-Dioxane	9.19	88	33150	433.933	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	676579	113.393	ug/l	97
52) Toluene	10.15	92	222733	21.669	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	141527	20.610	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	154866	21.382	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	88222	21.069	ug/l	99
56) Ethyl methacrylate	10.42	69	132640	19.831	ug/l	99
57) 1,3-Dichloropropane	10.70	76	155235	21.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	324870	123.926	ug/l	99
59) 2-Hexanone	10.75	43	502344	110.822	ug/l	98
60) Dibromochloromethane	10.90	129	94669	20.979	ug/l	99
61) 1,2-Dibromoethane	11.00	107	91603	21.595	ug/l	99
64) Tetrachloroethene	10.63	164	80004	21.549	ug/l	96
65) Chlorobenzene	11.43	112	230678	21.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	86392	21.526	ug/l	99
67) Ethyl Benzene	11.51	91	414389	21.944	ug/l	98
68) m/p-Xylenes	11.62	106	304321	43.158	ug/l	99
69) o-Xylene	11.95	106	147444	21.897	ug/l	97
70) Styrene	11.96	104	229409	21.025	ug/l	97
71) Bromoform	12.13	173	65627	21.126	ug/l #	100
73) Isopropylbenzene	12.25	105	391484	22.100	ug/l	100
74) N-amyl acetate	12.07	43	166285	21.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	132921	21.065	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	176749	31.020	ug/l #	100
77) Bromobenzene	12.53	156	94327	21.297	ug/l	98
78) n-propylbenzene	12.59	91	449921	21.930	ug/l	100
79) 2-Chlorotoluene	12.68	91	274598	21.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	328754	21.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	45415	20.432	ug/l	95
82) 4-Chlorotoluene	12.78	91	276789	21.289	ug/l	99
83) tert-Butylbenzene	12.99	119	277441	21.694	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	322603	22.053	ug/l	98
85) sec-Butylbenzene	13.17	105	368610	21.992	ug/l	100
86) p-Isopropyltoluene	13.29	119	331545	21.940	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	164014	20.841	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	161355	20.728	ug/l	98
89) n-Butylbenzene	13.62	91	281561	21.383	ug/l	99
90) Hexachloroethane	13.88	117	61926	20.615	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	164695	21.033	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28023	20.560	ug/l	95

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Response via : Initial Calibration

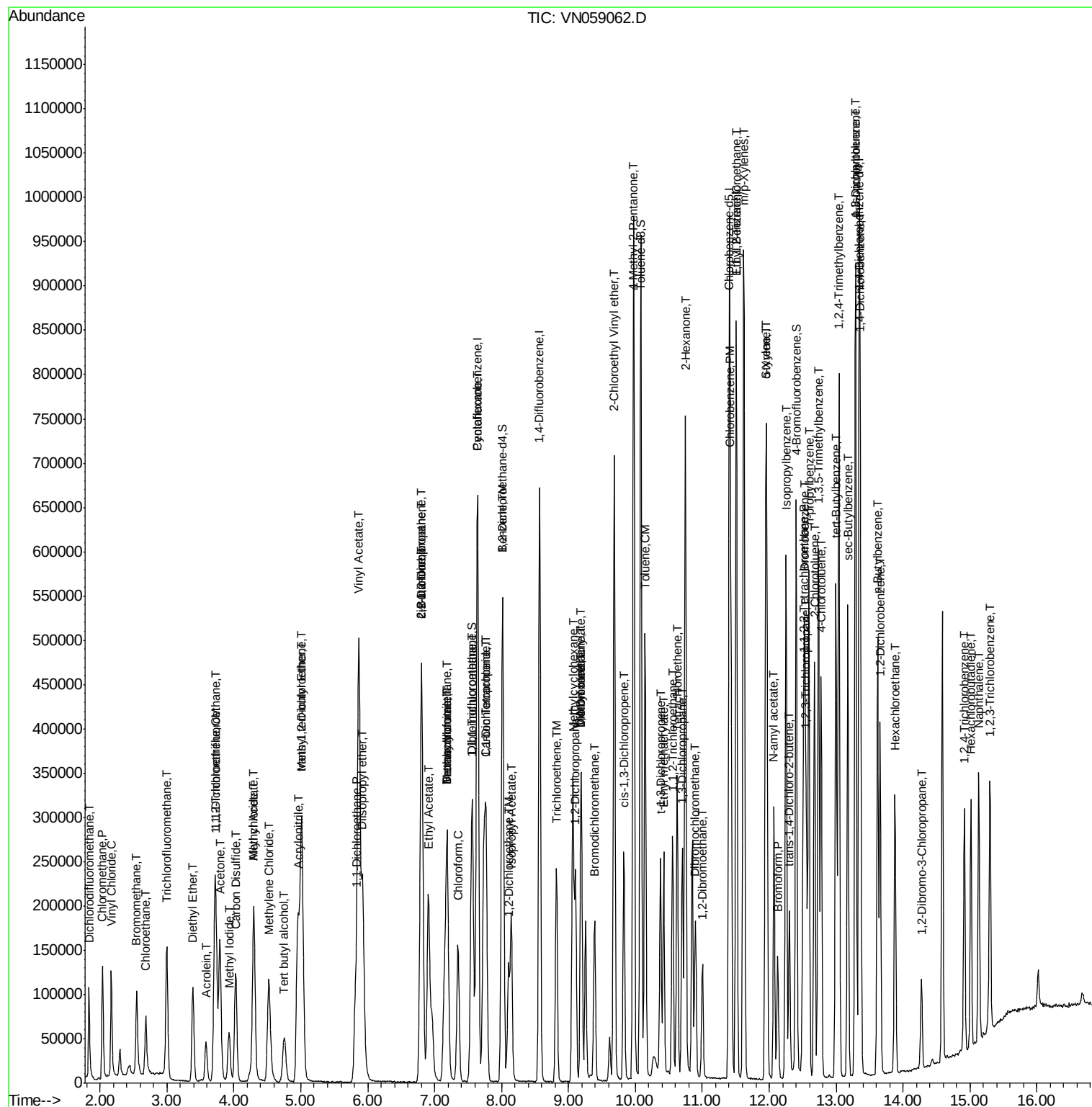
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	87366	20.686	ug/l	99
94) Hexachlorobutadiene	15.01	225	54256	21.405	ug/l	100
95) Naphthalene	15.13	128	238612	20.029	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	89015	20.709	ug/l	97

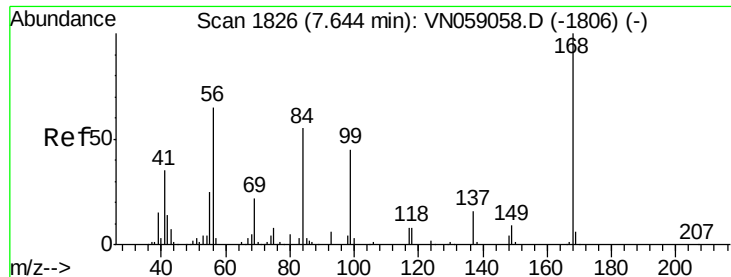
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 MSVOA_N
 ClientSampled :

Quant Time: Nov 02 06:04:13 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

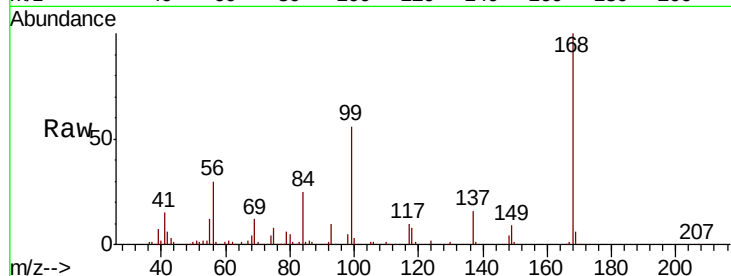
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 375081

Ion Ratio Lower Upper

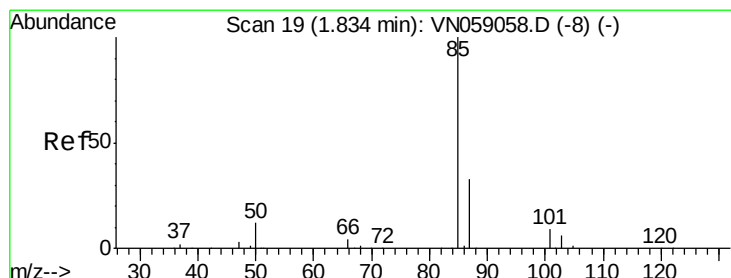
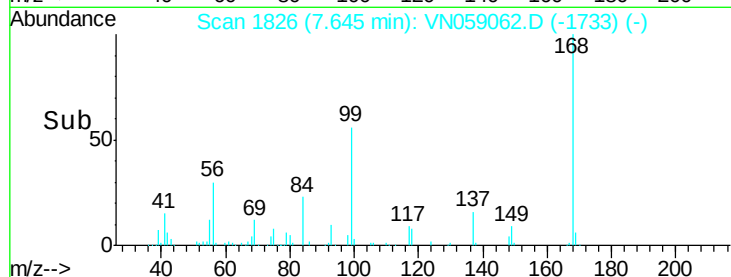
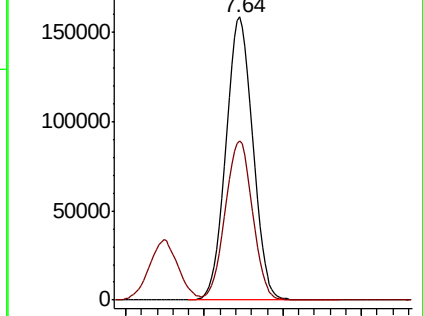
168 100

99 56.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 21.240 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059062.D

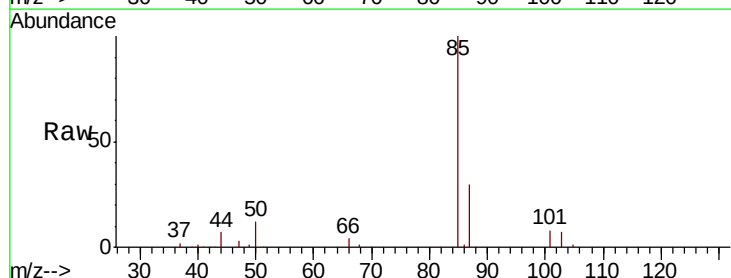
Acq: 1 Nov 2019 15:15

Tgt Ion: 85 Resp: 86134

Ion Ratio Lower Upper

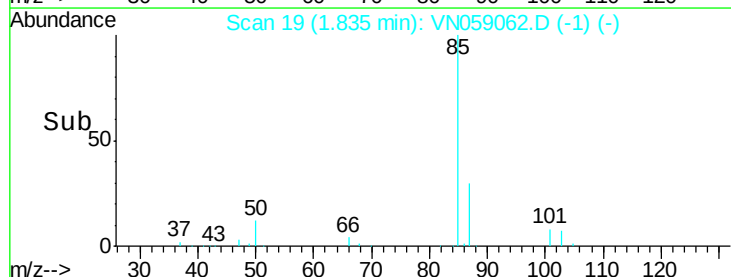
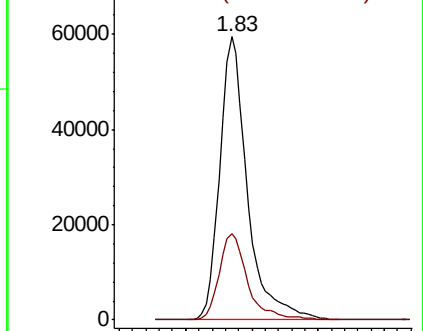
85 100

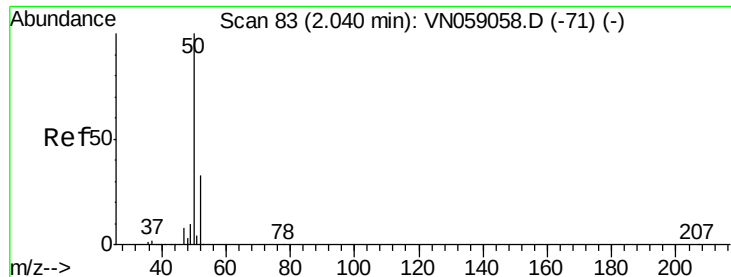
87 30.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 21.015 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

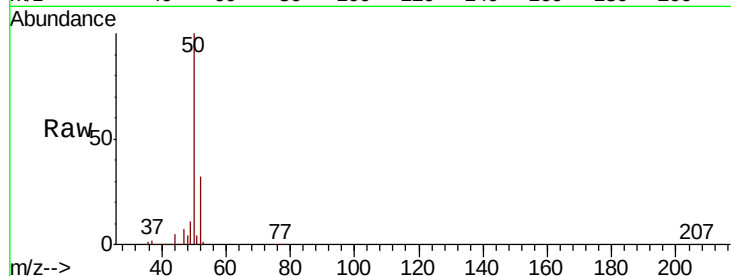
ClientSampleId :

Tot Ion: 50 Resp: 115561

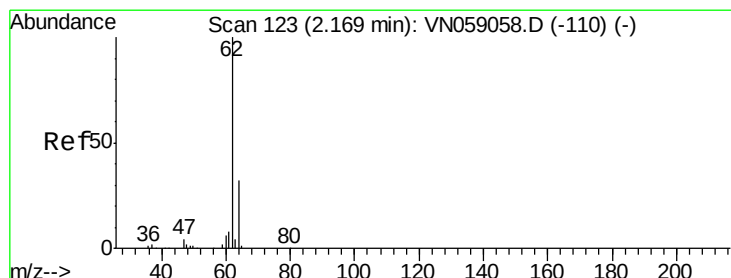
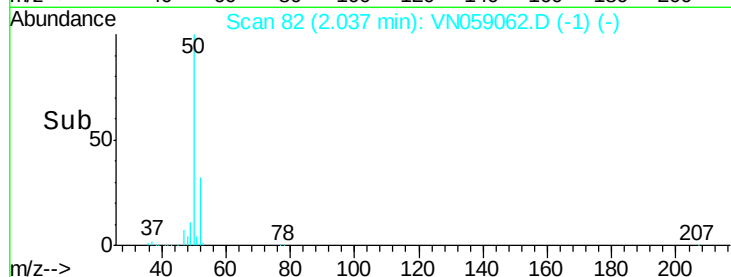
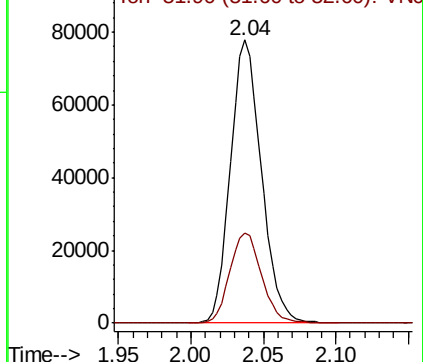
Ion Ratio Lower Upper

50 100

52 32.0 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 21.413 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059062.D

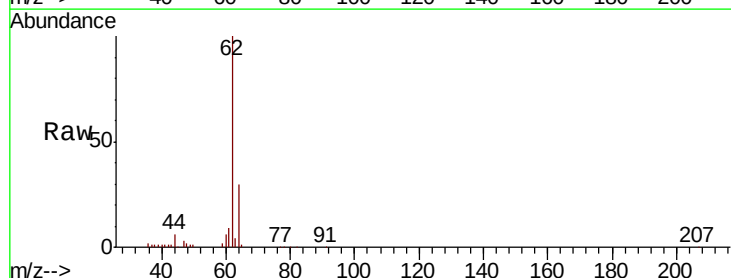
Acq: 1 Nov 2019 15:15

Tgt Ion: 62 Resp: 114296

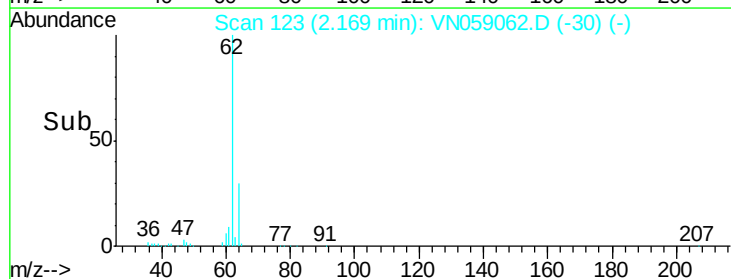
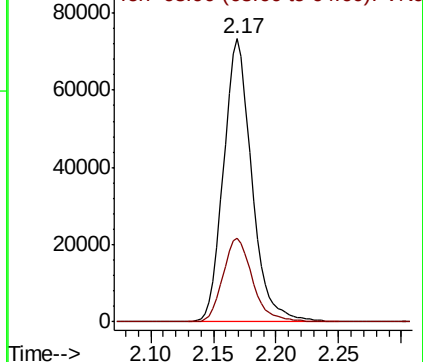
Ion Ratio Lower Upper

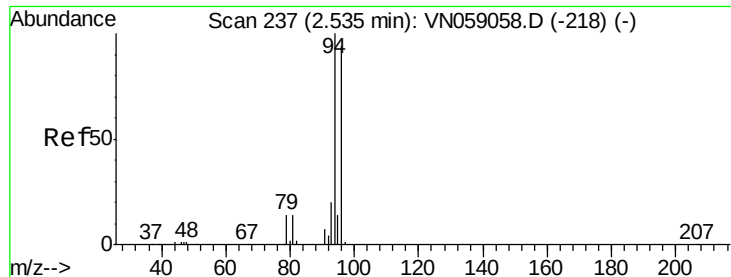
62 100

64 29.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 20.947 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

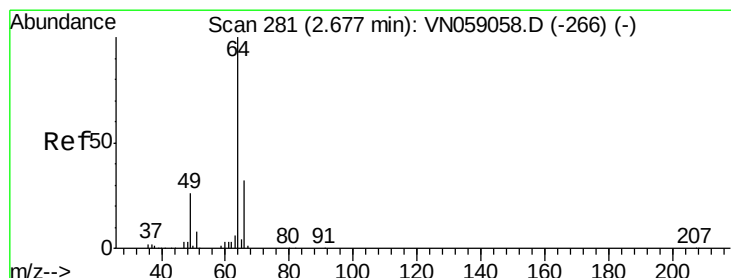
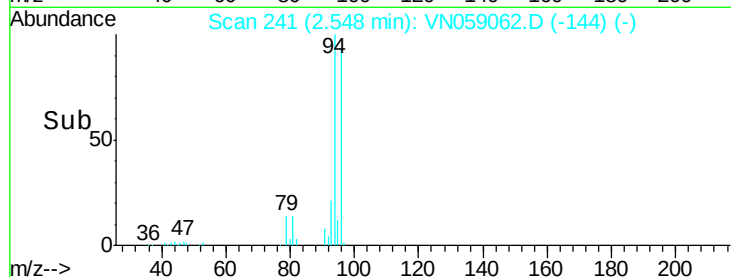
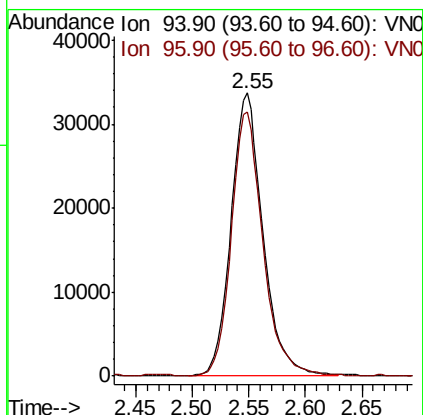
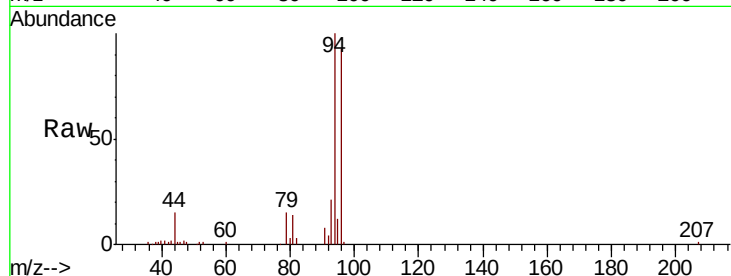
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 66100

Ion Ratio Lower Upper

94 100

96 93.4 75.1 112.7



#6

Chloroethane

Concen: 20.588 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN059062.D

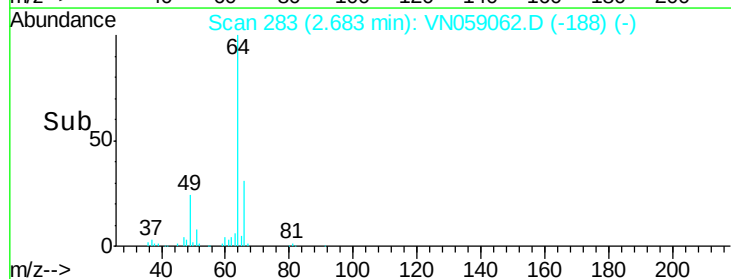
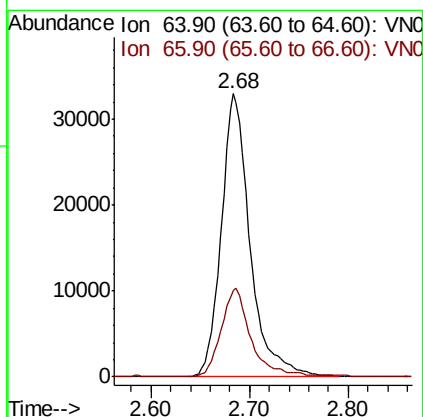
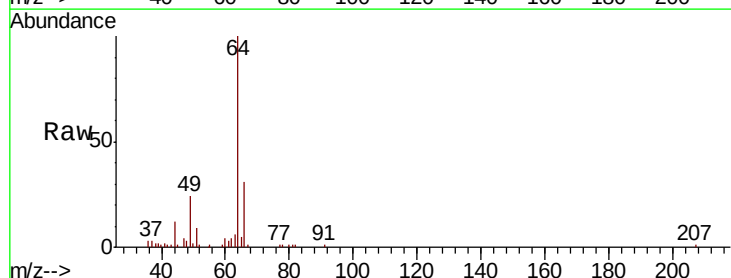
Acq: 1 Nov 2019 15:15

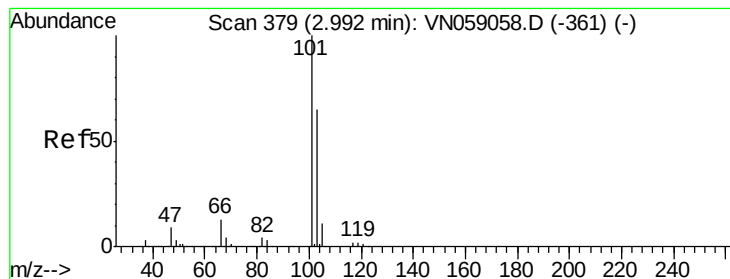
Tgt Ion: 64 Resp: 67301

Ion Ratio Lower Upper

64 100

66 30.7 25.6 38.4



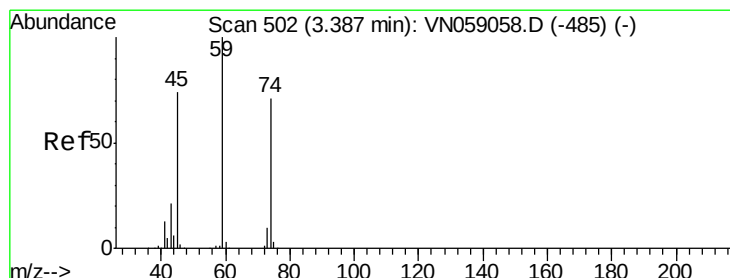
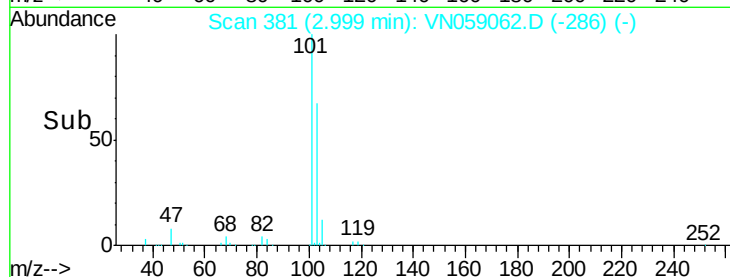
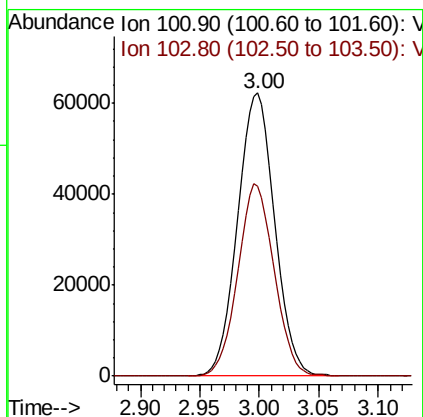
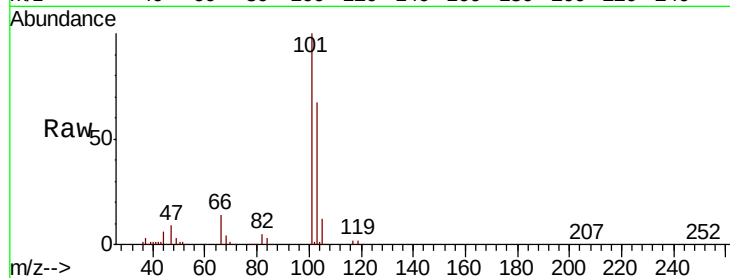


#7

Trichlorofluoromethane
 Concen: 21.223 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

Instrument :
 MSVOA_N
 ClientSampleId :

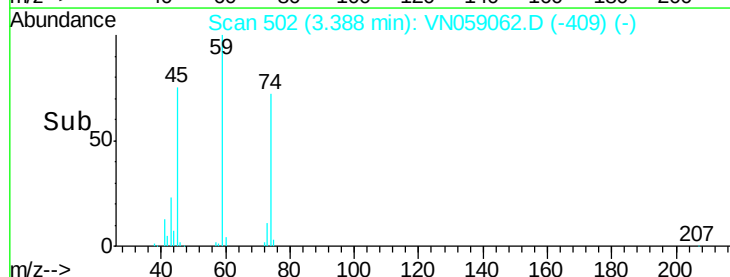
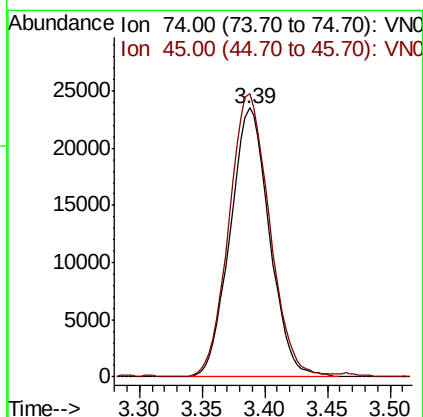
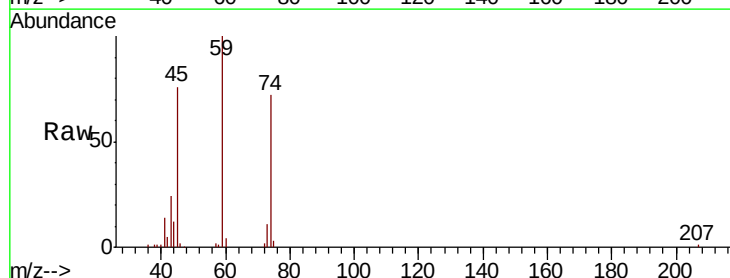
Tot Ion:101 Resp: 134606
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.7 77.5

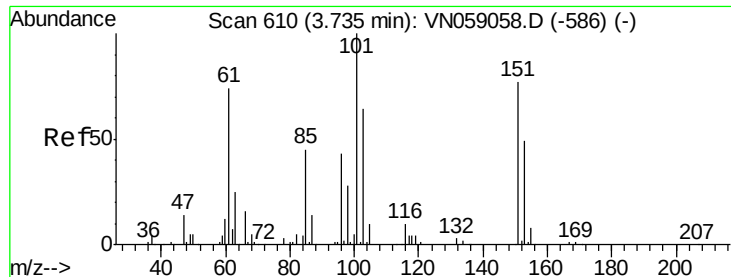


#8

Diethyl Ether
 Concen: 20.655 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

Tgt Ion: 74 Resp: 51161
 Ion Ratio Lower Upper
 74 100
 45 108.9 52.8 158.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.280 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

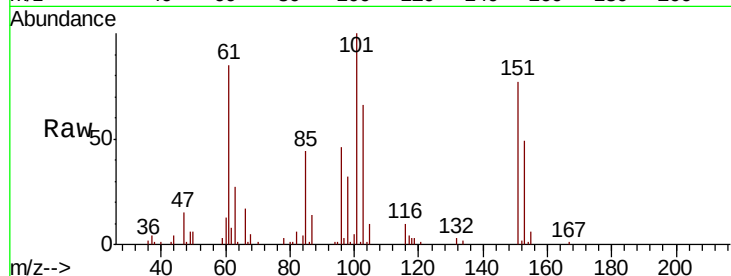
Tot Ion:101 Resp: 79554

Ion Ratio Lower Upper

101 100

85 45.4 35.0 52.6

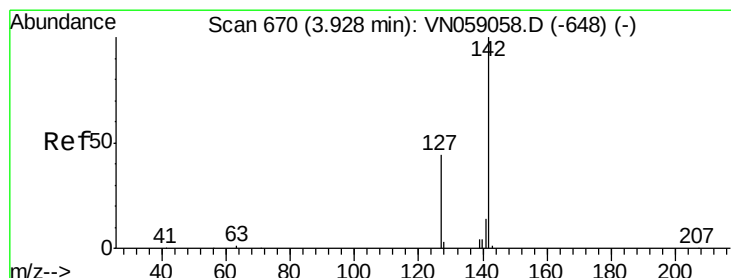
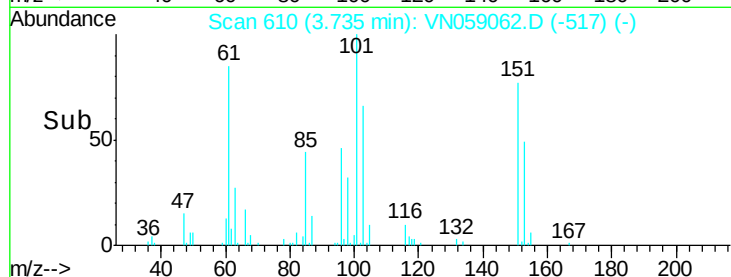
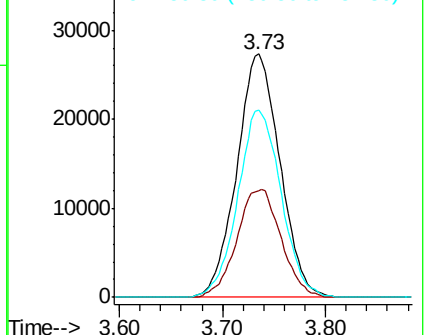
151 77.3 61.3 91.9



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: 19.925 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

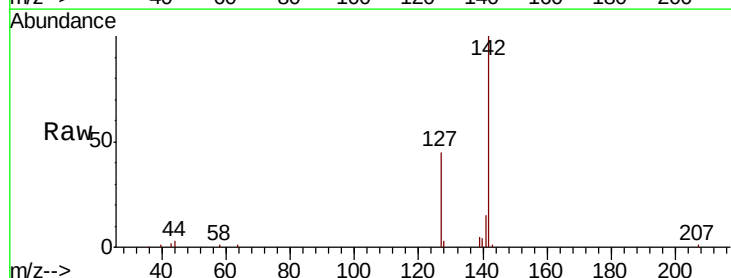
Tgt Ion:142 Resp: 90536

Ion Ratio Lower Upper

142 100

127 43.3 34.2 51.2

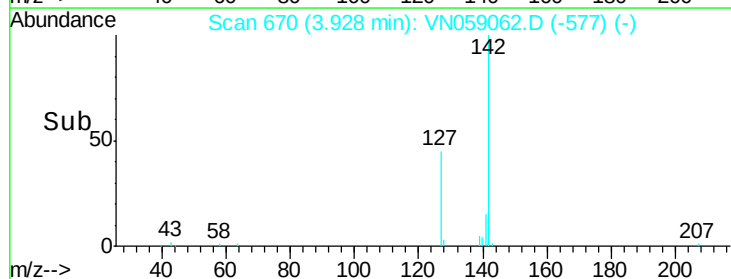
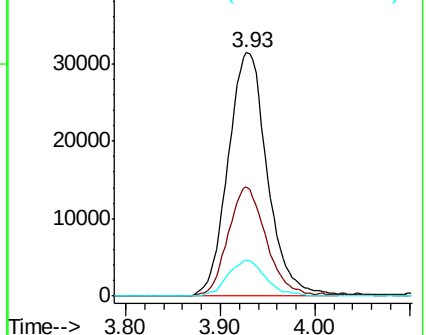
141 14.1 11.1 16.7

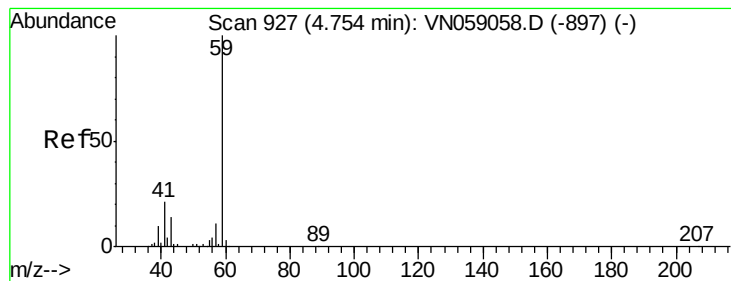


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



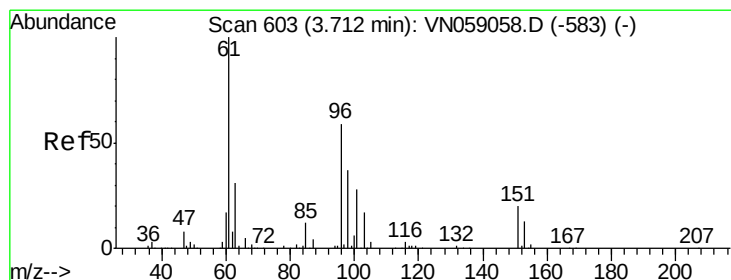
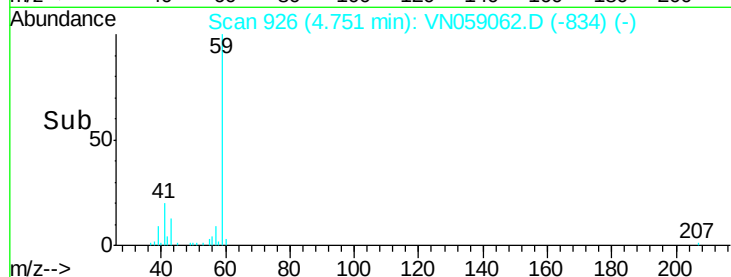
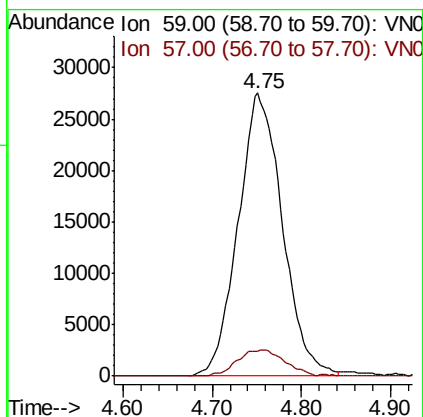
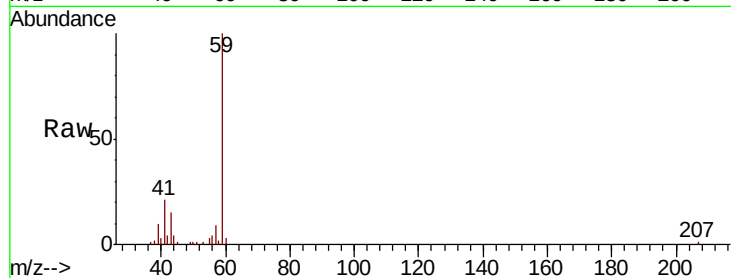


#11

Tert butyl alcohol
 Concen: 103.043 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

Instrument :
 MSVOA_N
 ClientSampleId :

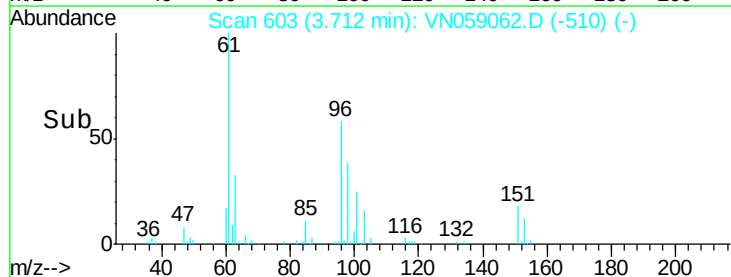
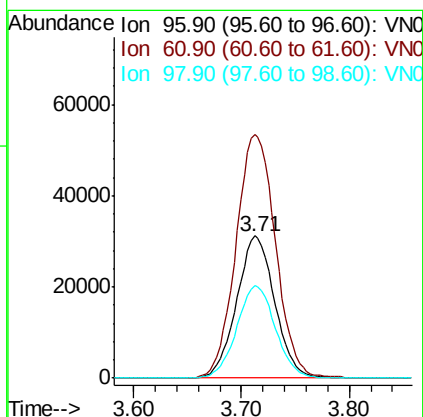
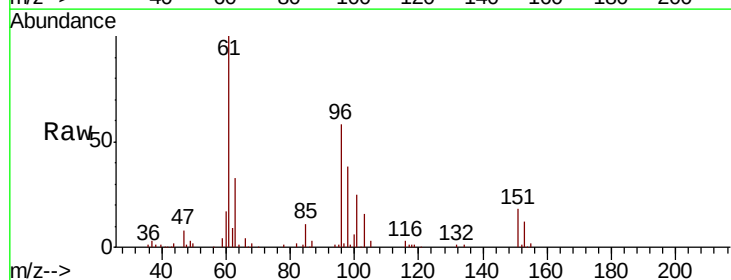
Tot Ion: 59 Resp: 94735
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

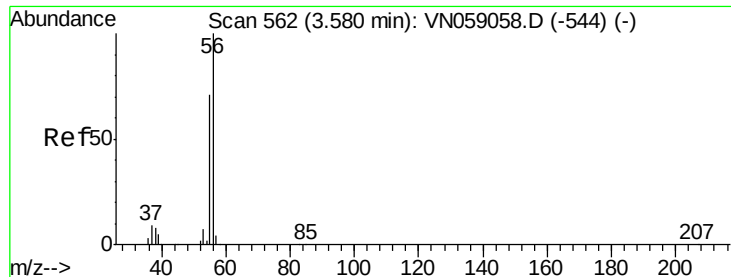


#12

1,1-Dichloroethene
 Concen: 20.613 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

Tgt Ion: 96 Resp: 76637
 Ion Ratio Lower Upper
 96 100
 61 171.2 135.3 202.9
 98 65.0 49.4 74.2





#13

Acrolein

Concen: 86.291 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

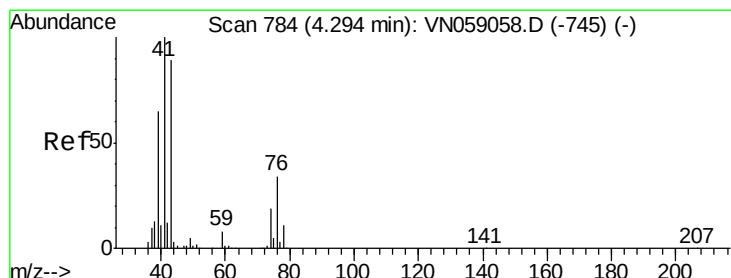
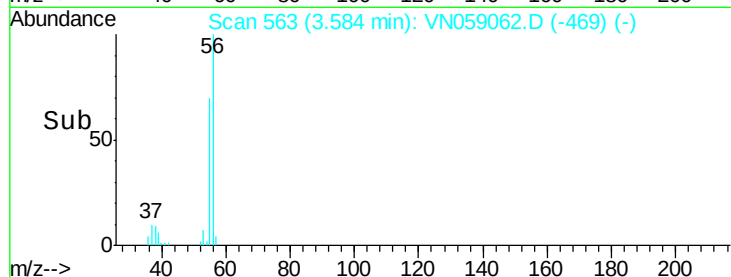
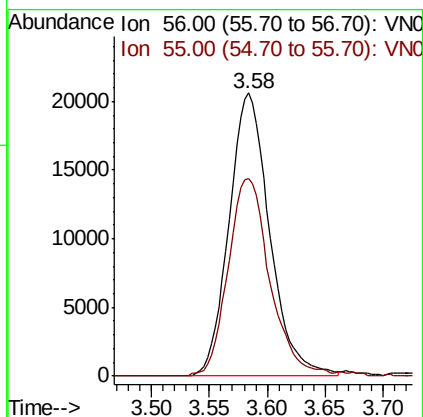
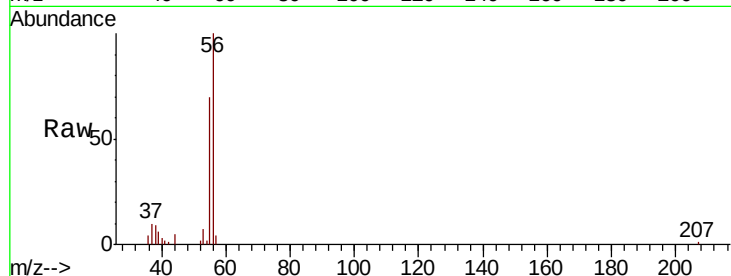
ClientSampled :

Tot Ion: 56 Resp: 50059

Ion Ratio Lower Upper

56 100

55 71.7 56.1 84.1



#14

Allyl chloride

Concen: 20.541 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

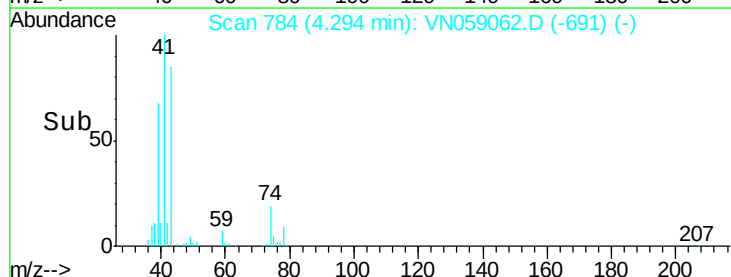
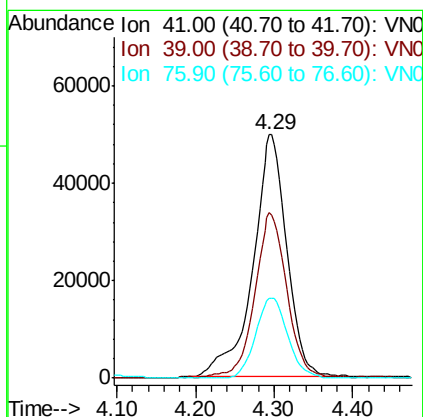
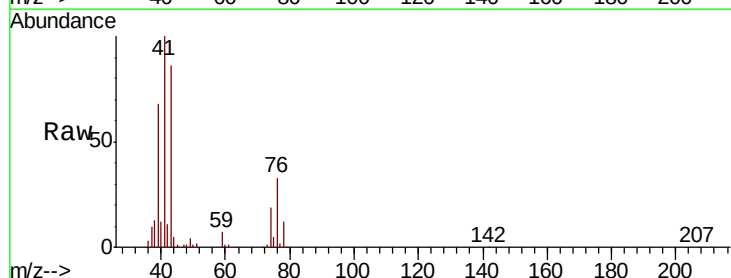
Tgt Ion: 41 Resp: 151329

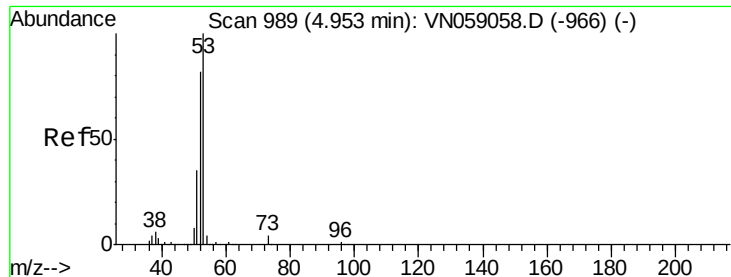
Ion Ratio Lower Upper

41 100

39 64.8 49.4 74.2

76 31.3 24.6 37.0





#15

Acrylonitrile

Concen: 105.475 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

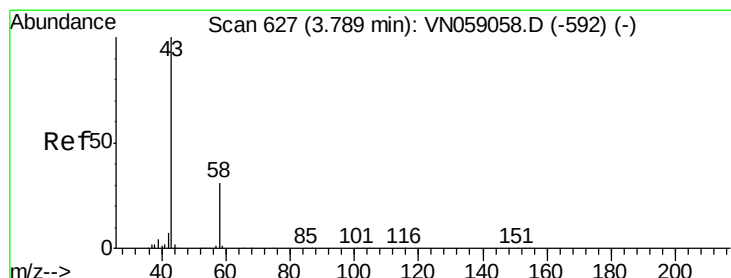
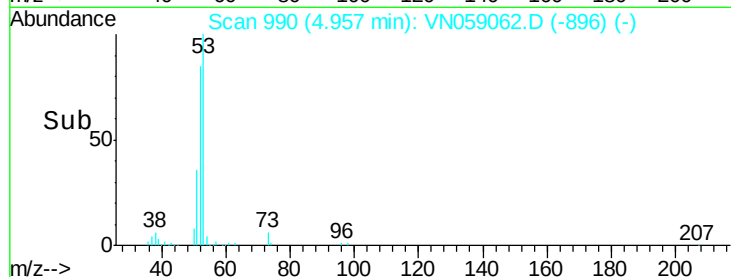
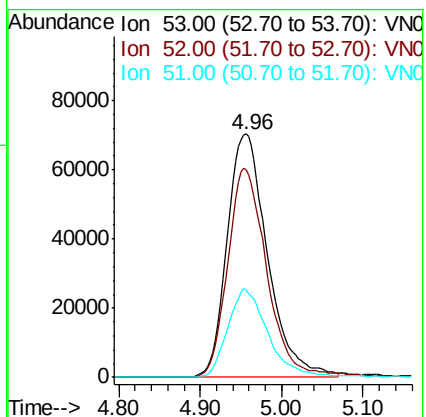
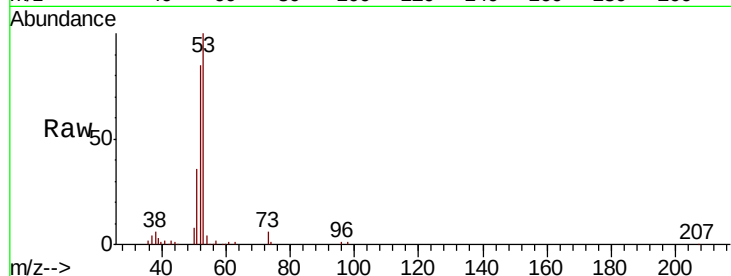
Tot Ion: 53 Resp: 243254

Ion Ratio Lower Upper

53 100

52 82.2 66.0 99.0

51 35.9 28.3 42.5



#16

Acetone

Concen: 104.116 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059062.D

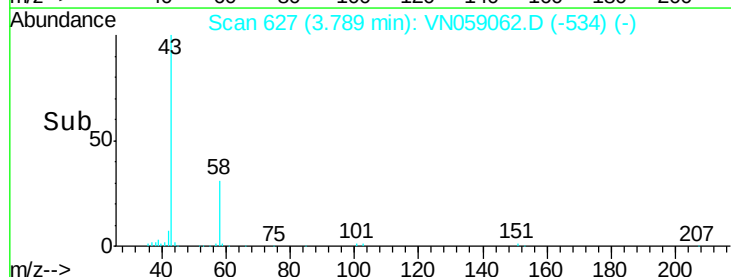
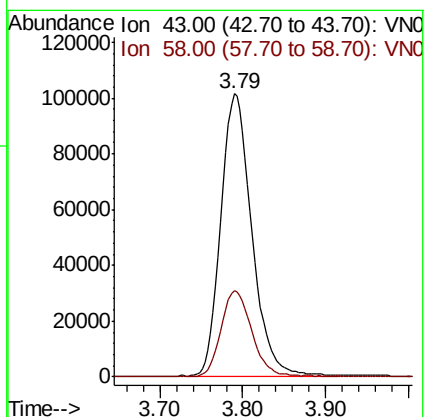
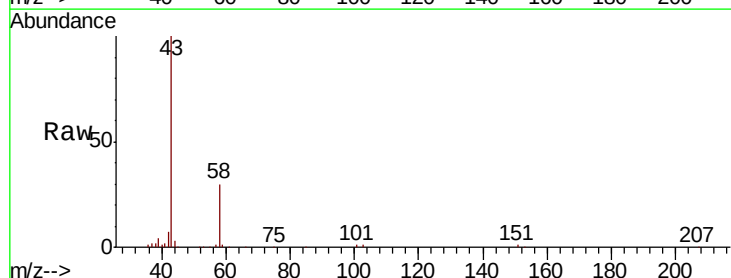
Acq: 1 Nov 2019 15:15

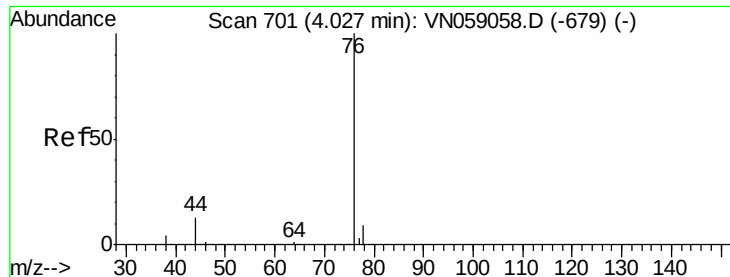
Tgt Ion: 43 Resp: 261836

Ion Ratio Lower Upper

43 100

58 30.6 25.0 37.6





#17

Carbon Disulfide

Concen: 20.465 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

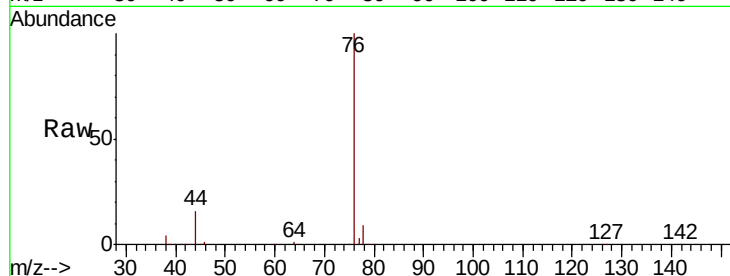
ClientSampled :

Tot Ion: 76 Resp: 241895

Ion Ratio Lower Upper

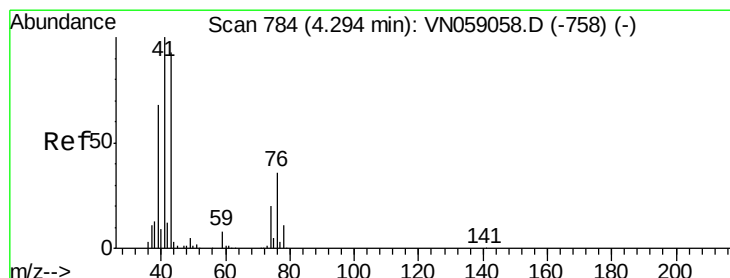
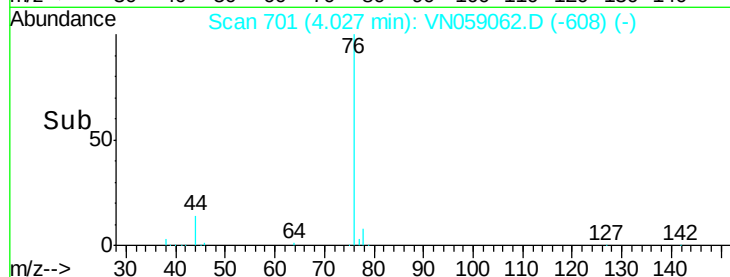
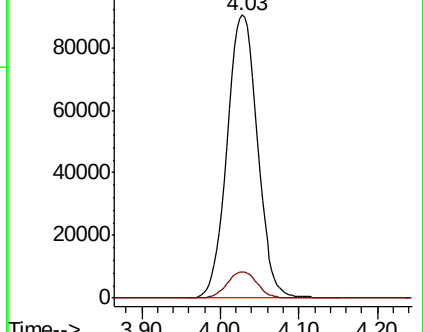
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN059058.D (-679) (-)

Ion 77.90 (77.60 to 78.60): VN059058.D (-679) (-)



#18

Methyl Acetate

Concen: 19.389 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059062.D

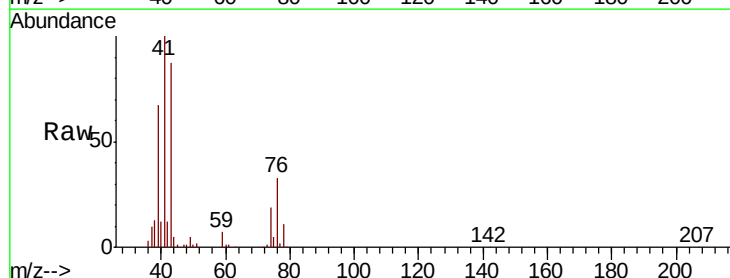
Acq: 1 Nov 2019 15:15

Tgt Ion: 43 Resp: 123527

Ion Ratio Lower Upper

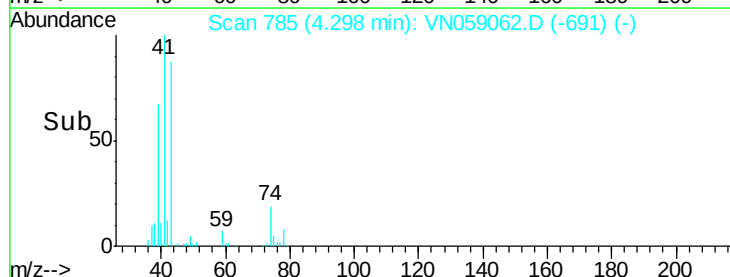
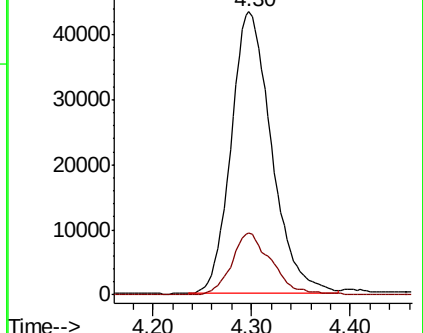
43 100

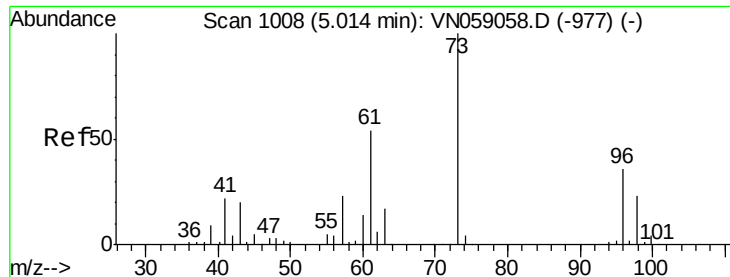
74 21.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN059058.D (-758) (-)

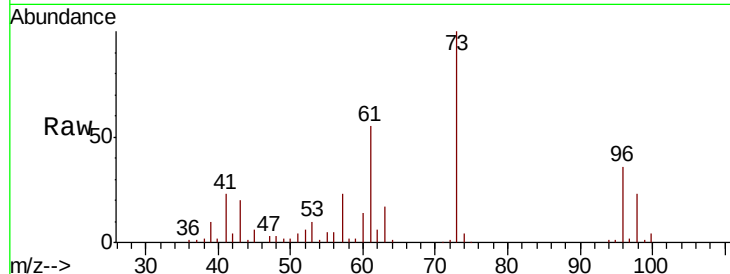




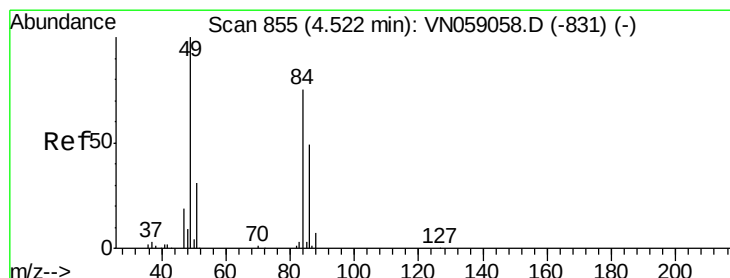
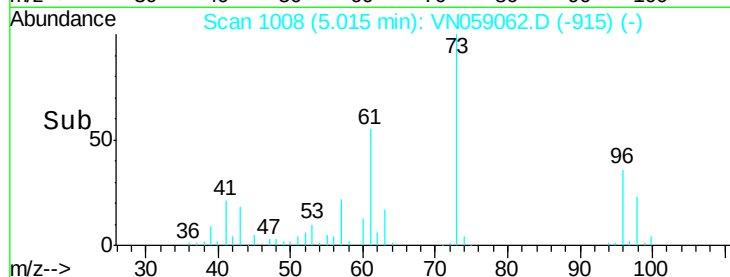
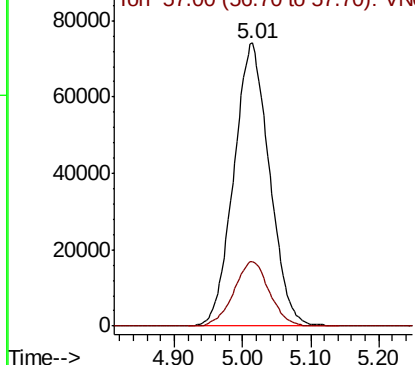
#19
Methyl tert-butyl Ether
Concen: 21.238 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 268933
Ion Ratio Lower Upper
73 100
57 22.6 18.4 27.6

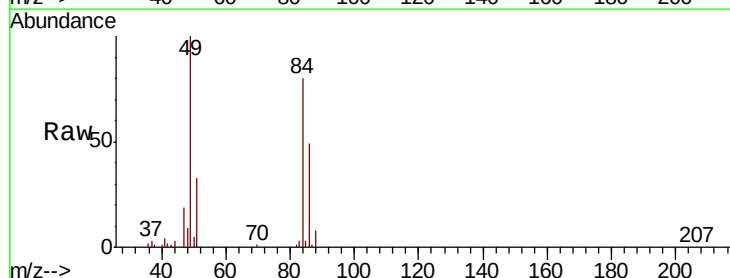


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

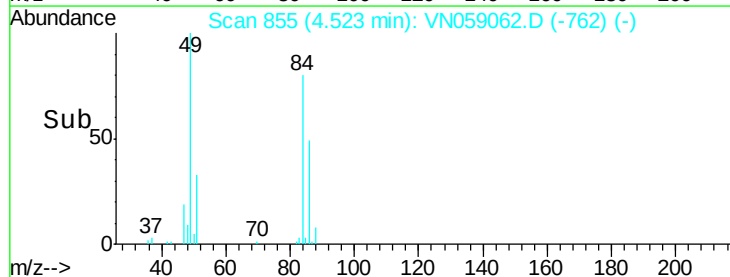
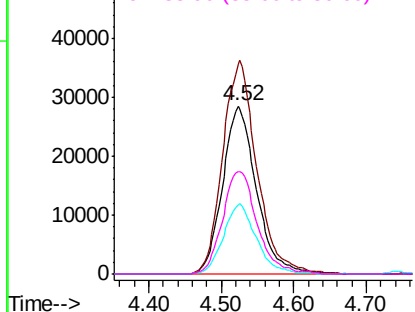


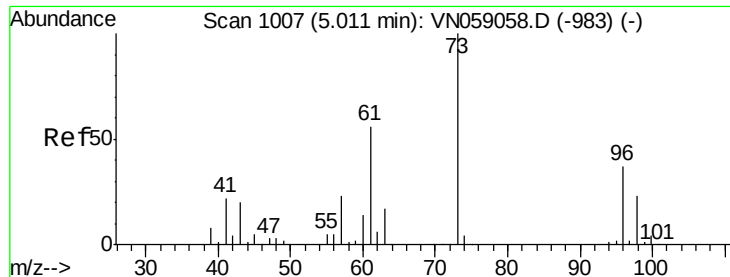
#20
Methylene Chloride
Concen: 20.910 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion: 84 Resp: 92059
Ion Ratio Lower Upper
84 100
49 125.3 106.4 159.6
51 41.2 33.0 49.4
86 60.8 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 21.054 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

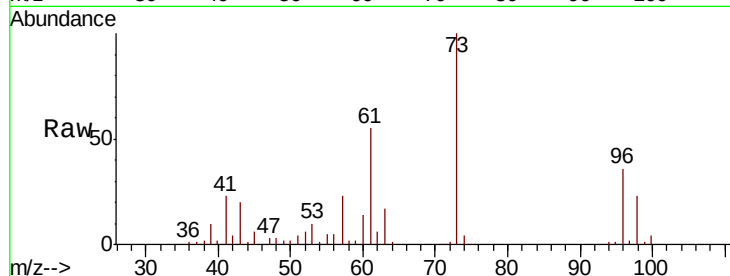
Tot Ion: 96 Resp: 84037

Ion Ratio Lower Upper

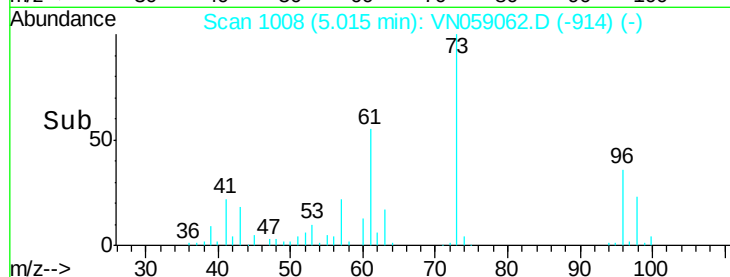
96 100

61 153.0 121.7 182.5

98 63.0 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN059062.D (-914) (-)



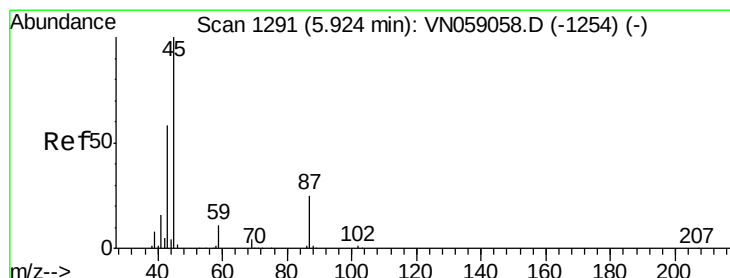
Ion 60.90 (60.60 to 61.60): VN059062.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN059062.D (-914) (-)

Time-->

5.01

Time-->



#22

Diisopropyl ether

Concen: 21.649 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Tgt Ion: 45 Resp: 303793

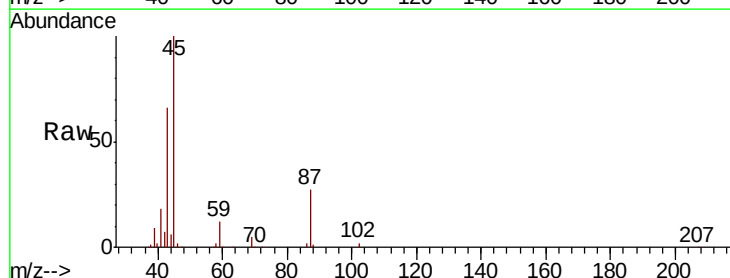
Ion Ratio Lower Upper

45 100

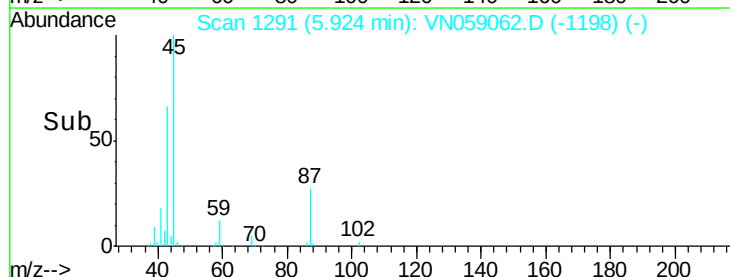
43 64.6 46.9 70.3

87 26.7 20.1 30.1

59 11.7 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN059062.D (-1198) (-)



Ion 43.00 (42.70 to 43.70): VN059062.D (-1198) (-)

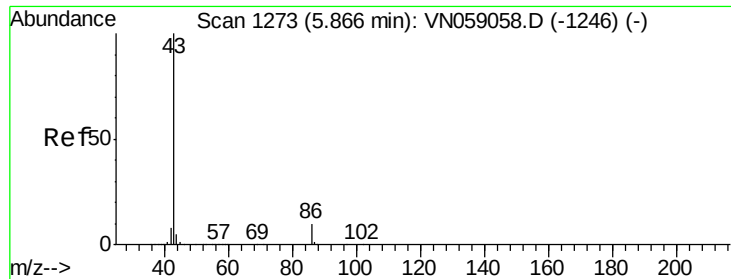
Ion 87.00 (86.70 to 87.70): VN059062.D (-1198) (-)

Ion 59.00 (58.70 to 59.70): VN059062.D (-1198) (-)

Time-->

5.92

Time-->



#23

Vinyl Acetate

Concen: 113.665 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

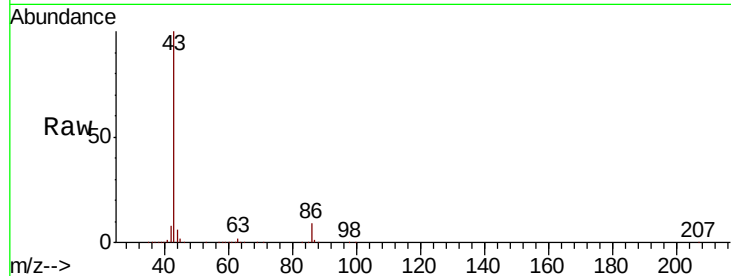
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1270405

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN059058.D (-1246) (-)

5.87

400000

300000

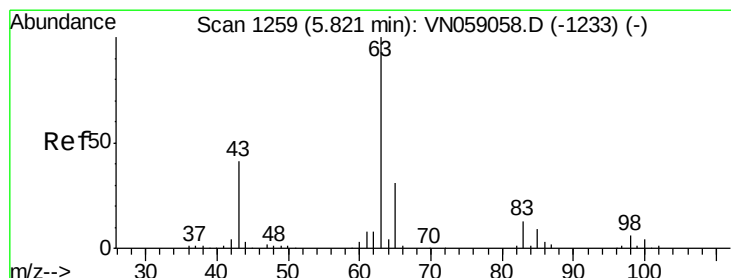
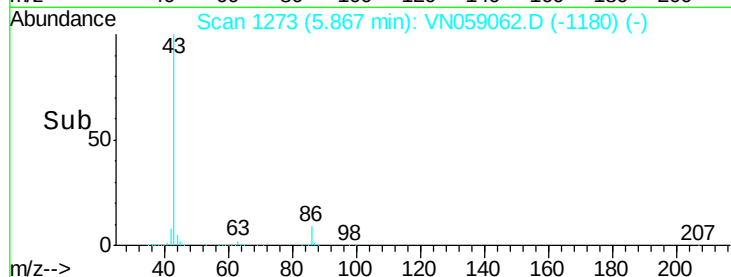
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.875 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

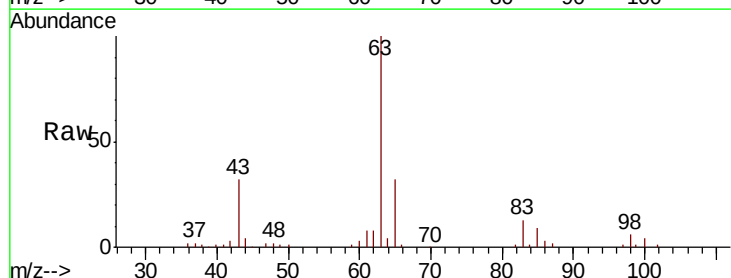
Tgt Ion: 63 Resp: 167476

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059058.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN059058.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN059058.D (-1233) (-)

5.82

60000

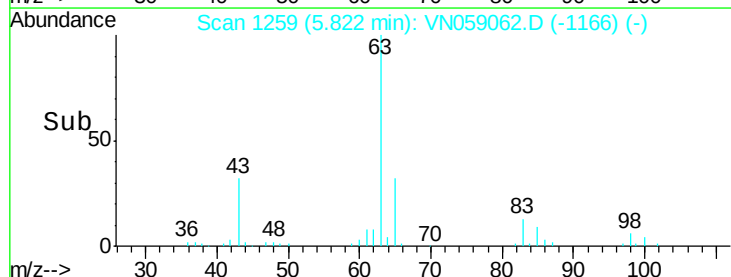
40000

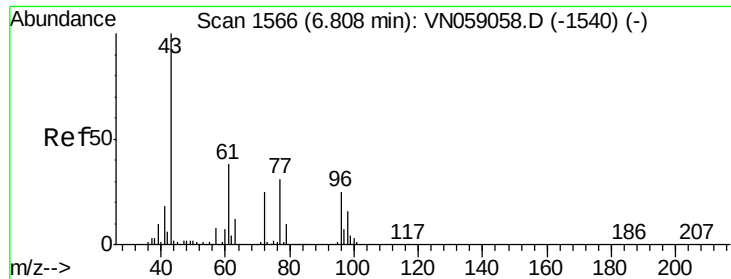
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 105.268 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

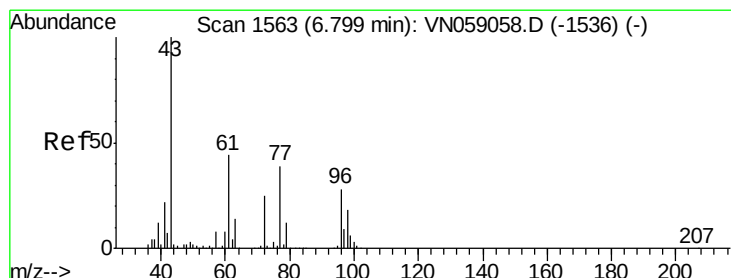
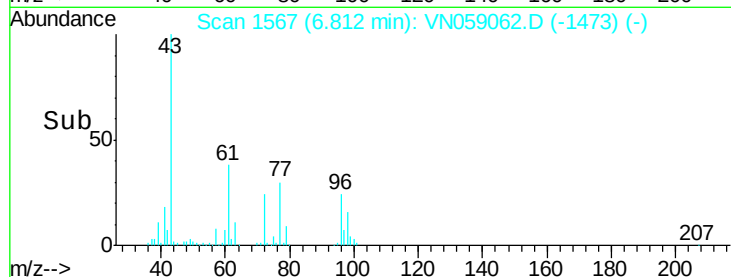
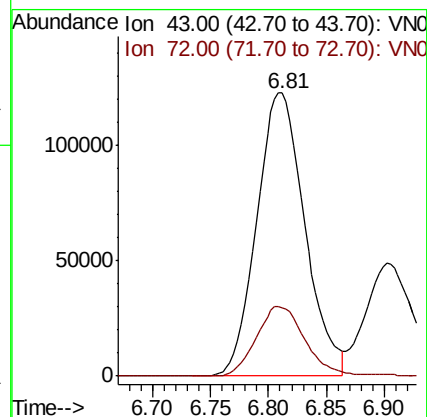
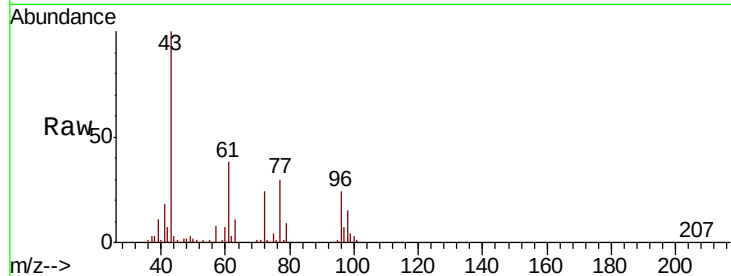
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 352503

Ion Ratio Lower Upper

43 100

72 24.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 20.809 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059062.D

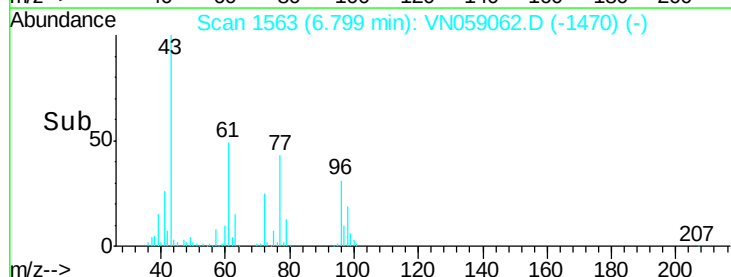
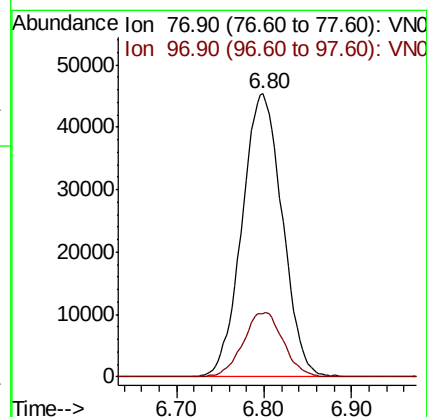
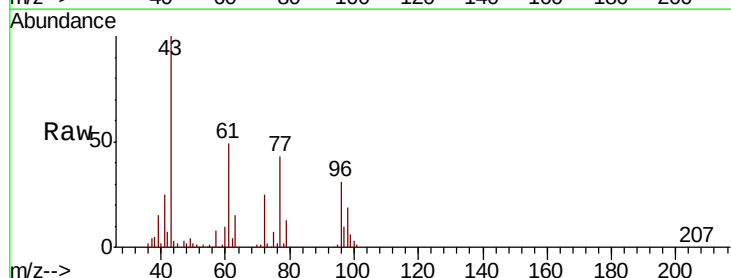
Acq: 1 Nov 2019 15:15

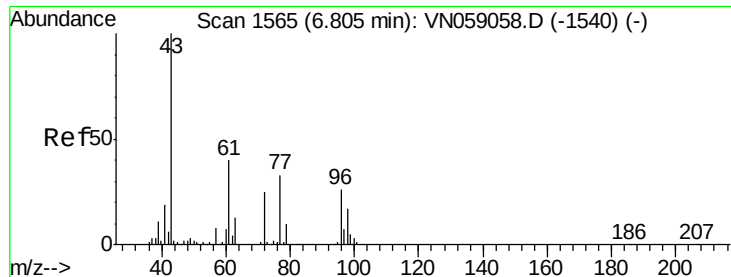
Tgt Ion: 77 Resp: 144904

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9

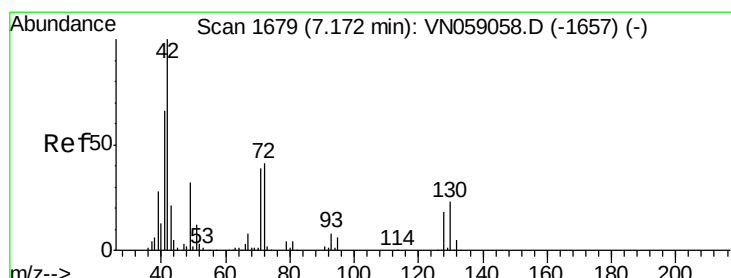
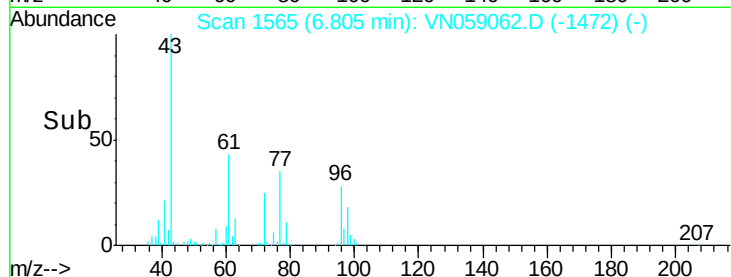
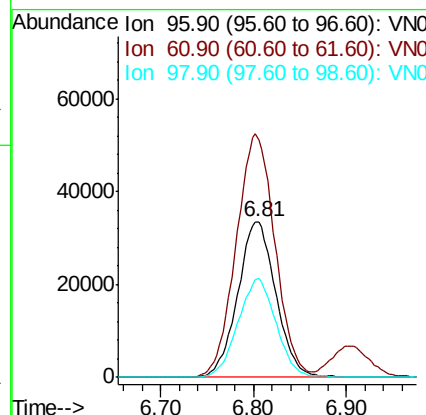
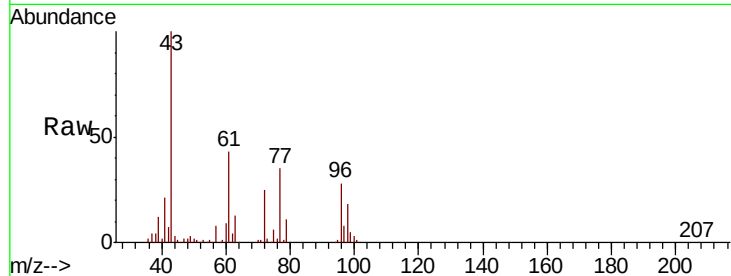




#27
 cis-1,2-Dichloroethene
 Concen: 21.234 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

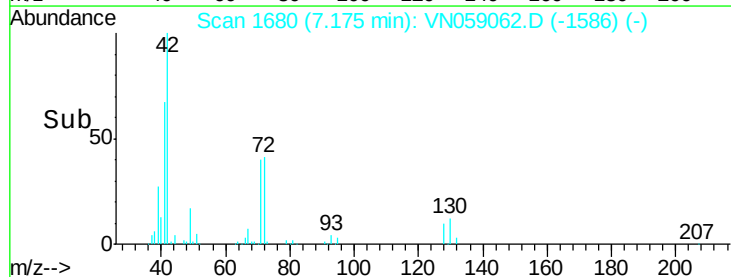
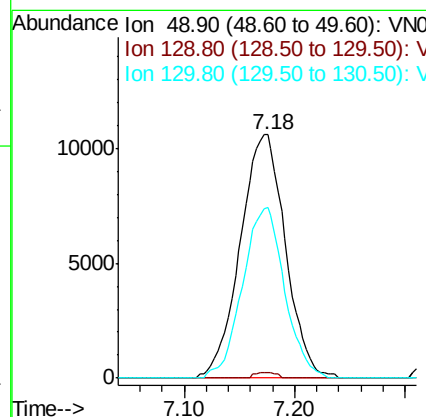
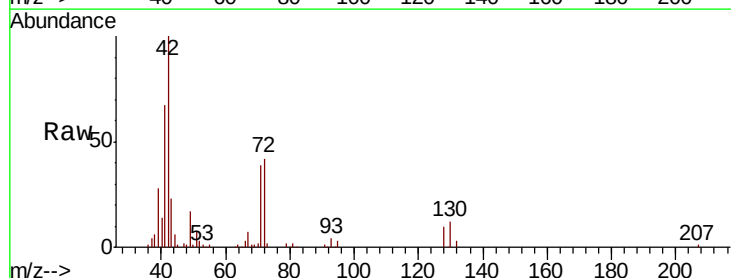
Instrument :
 MSVOA_N
 ClientSampleId :

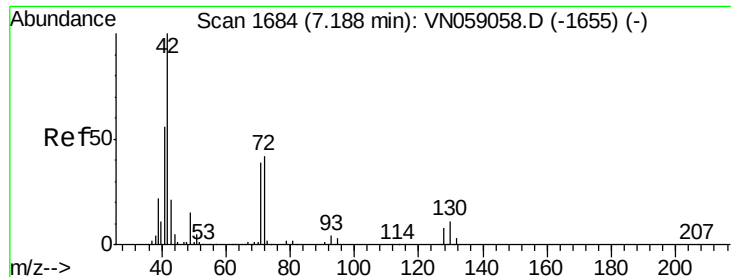
Tot Ion: 96 Resp: 95430
 Ion Ratio Lower Upper
 96 100
 61 158.9 0.0 316.4
 98 63.4 0.0 128.2



#28
 Bromochloromethane
 Concen: 12.181 ug/l
 RT: 7.18 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

Tgt Ion: 49 Resp: 30161
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.4
 130 65.1 55.0 82.6

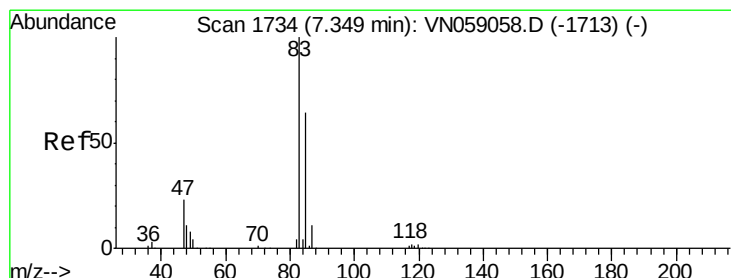
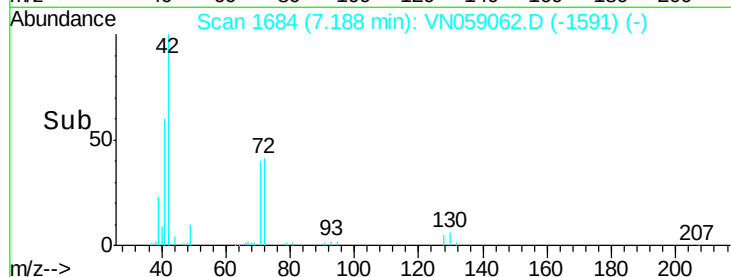
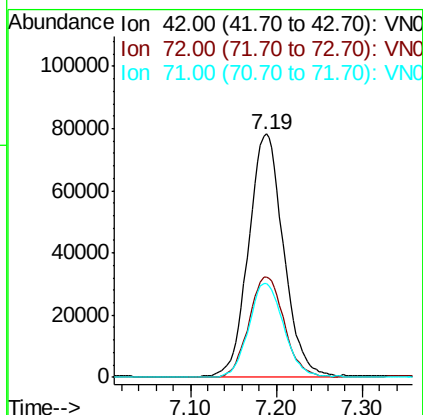
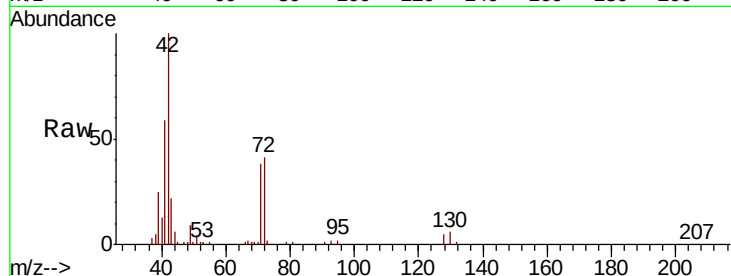




#29
Tetrahydrofuran
Concen: 105.508 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

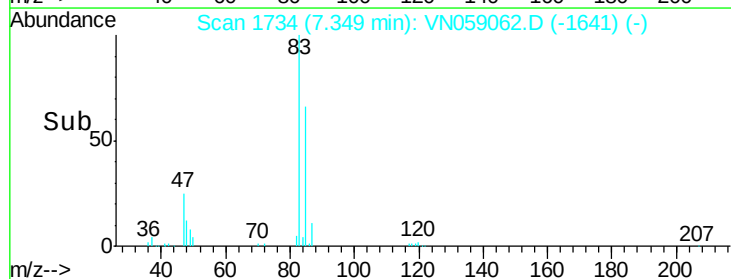
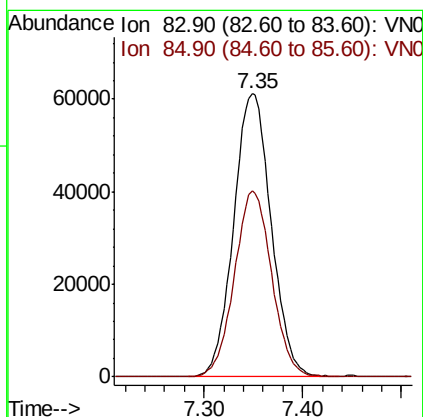
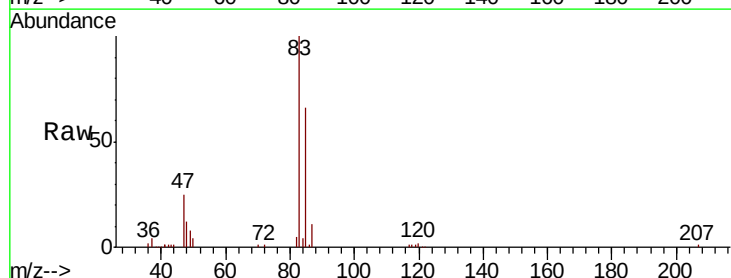
Instrument :
MSVOA_N
ClientSampleId :

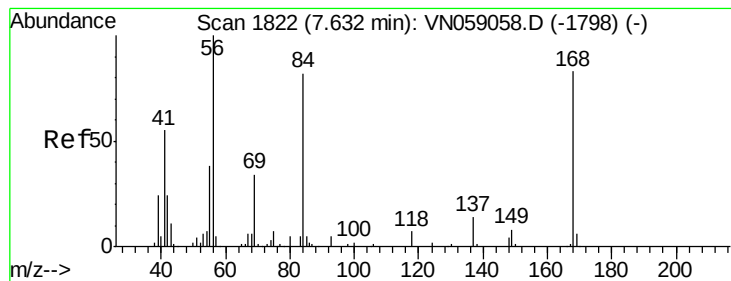
Tot Ion: 42 Resp: 222974
Ion Ratio Lower Upper
42 100
72 41.5 32.7 49.1
71 38.5 31.2 46.8



#30
Chloroform
Concen: 21.034 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion: 83 Resp: 161366
Ion Ratio Lower Upper
83 100
85 65.7 50.9 76.3





#31

Cyclohexane

Concen: 20.585 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :
MSVOA_N
ClientSampled :

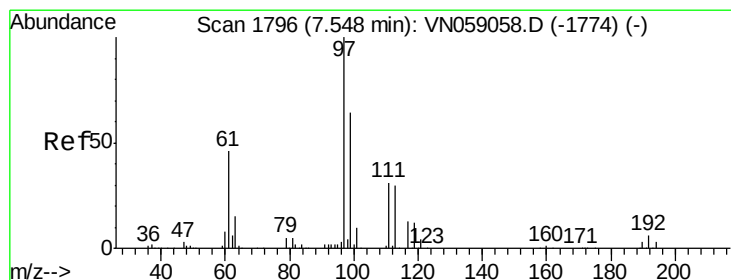
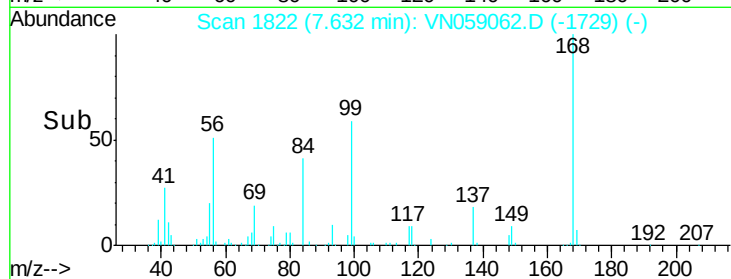
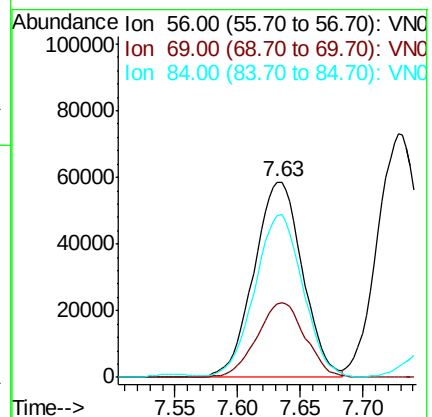
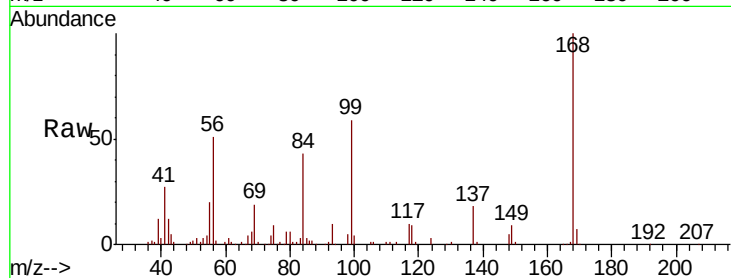
Tot Ion: 56 Resp: 157523

Ion Ratio Lower Upper

56 100

69 37.4 27.2 40.8

84 81.9 65.2 97.8



#32

1,1,1-Trichloroethane

Concen: 21.436 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

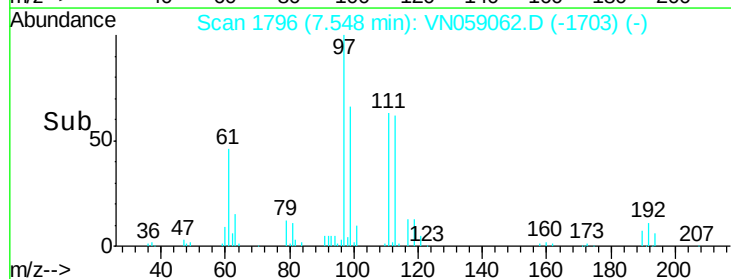
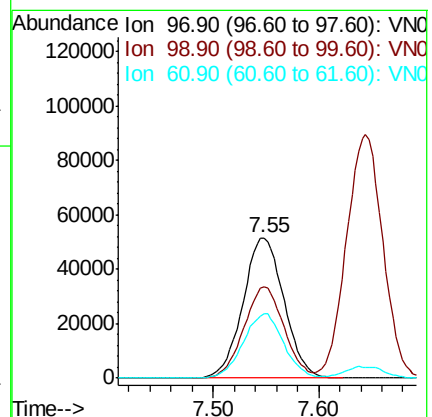
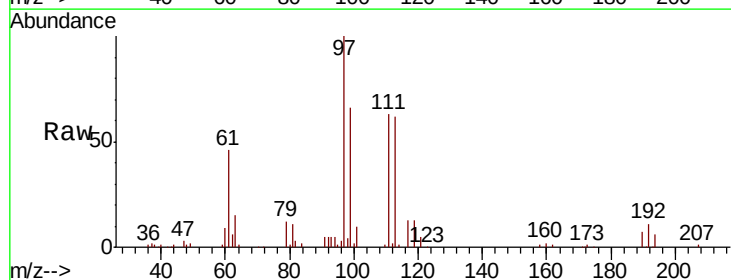
Tgt Ion: 97 Resp: 139138

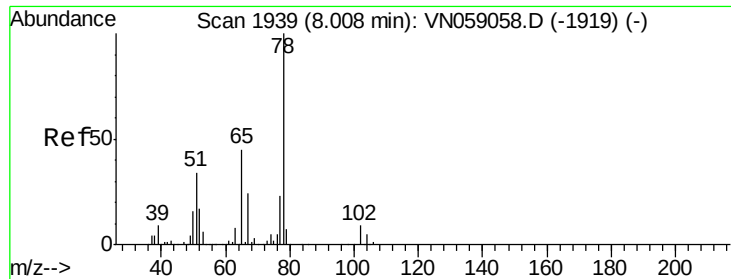
Ion Ratio Lower Upper

97 100

99 64.1 50.7 76.1

61 45.6 36.3 54.5

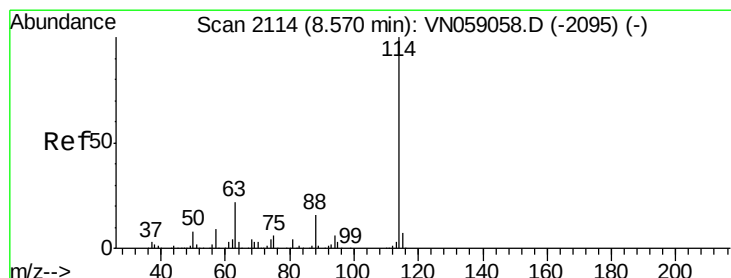
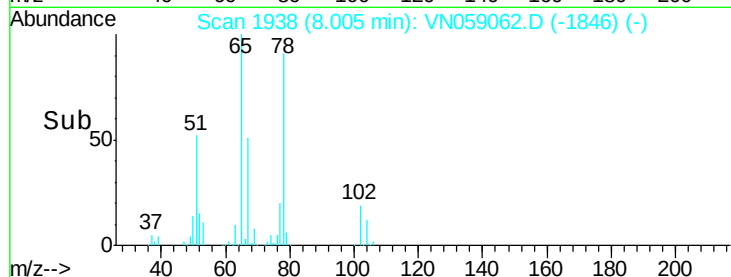
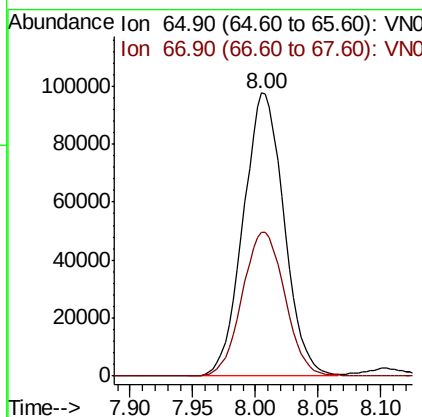
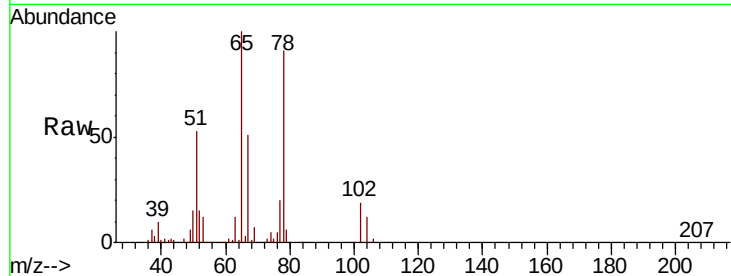




#33
 1,2-Dichloroethane-d4
 Concen: 44.628 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

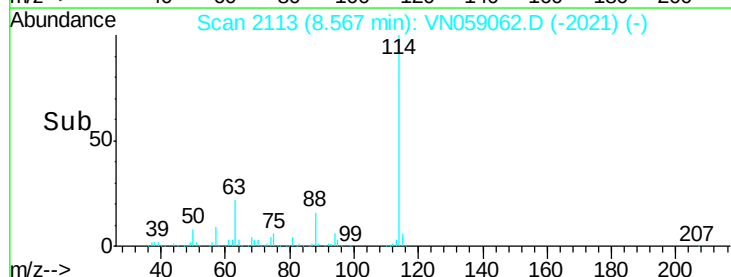
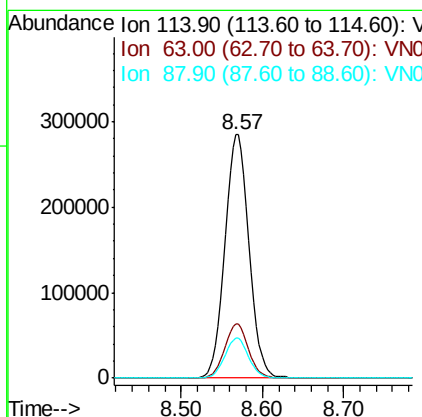
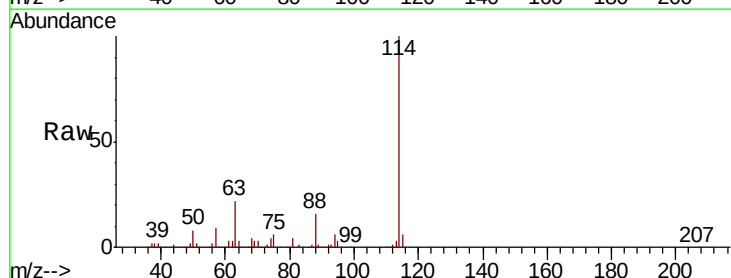
Instrument :
 MSVOA_N
 ClientSampled :

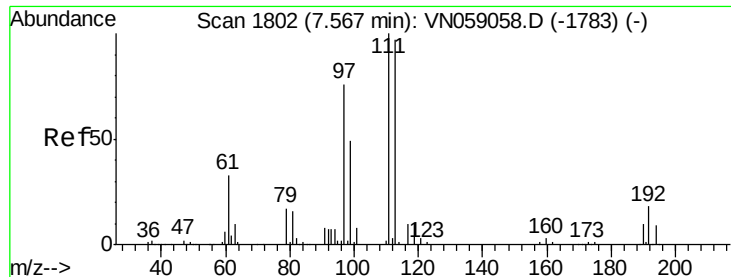
Tot Ion: 65 Resp: 221690
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

Tgt Ion: 114 Resp: 594765
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.2
 88 16.3 0.0 33.0

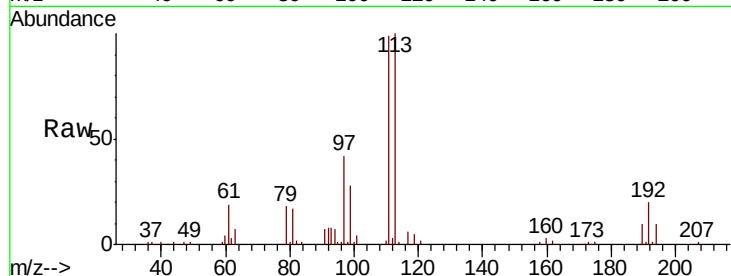




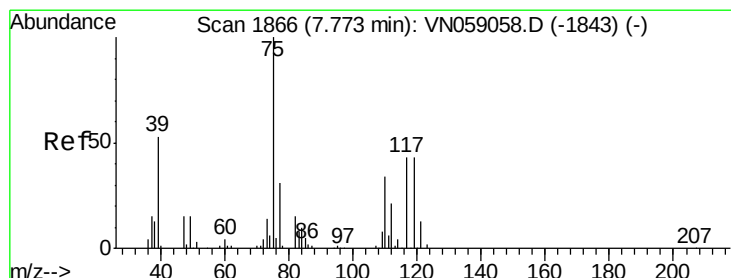
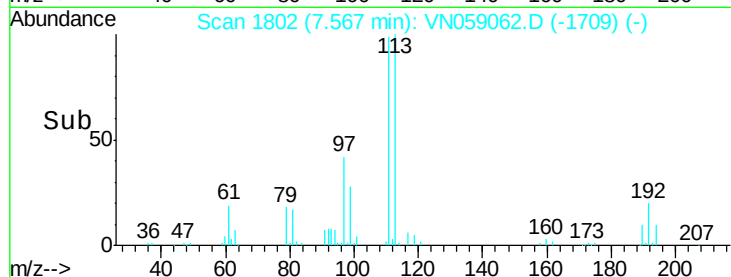
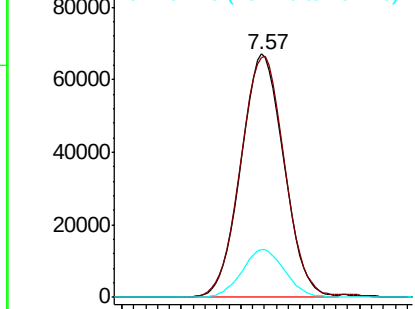
#35
 Dibromofluoromethane
 Concen: 43.766 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 167930
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 19.7 15.9 23.9

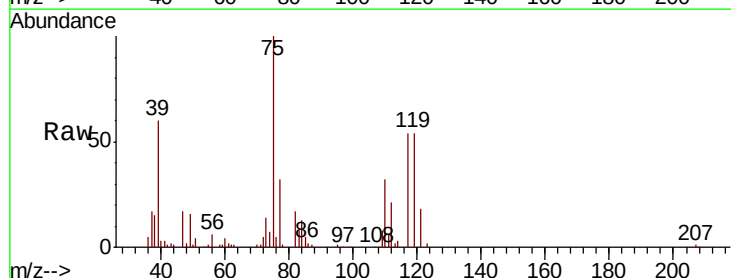


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

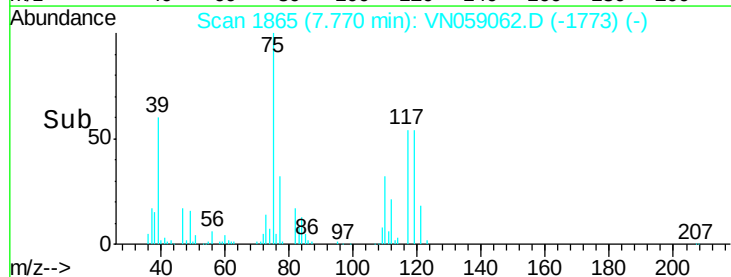
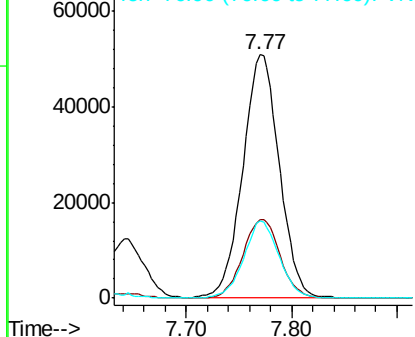


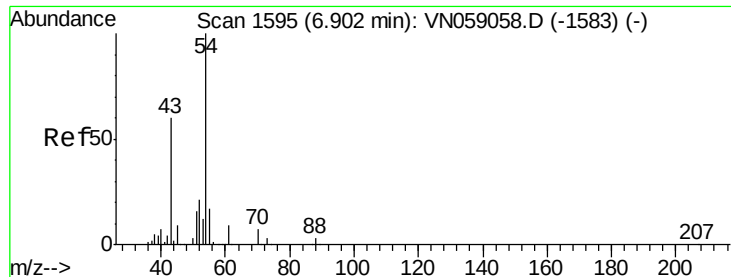
#36
 1,1-Dichloropropene
 Concen: 20.821 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

Tgt Ion: 75 Resp: 123077
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.9 50.6
 77 30.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

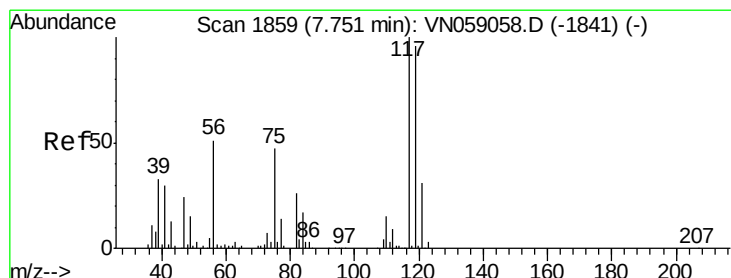
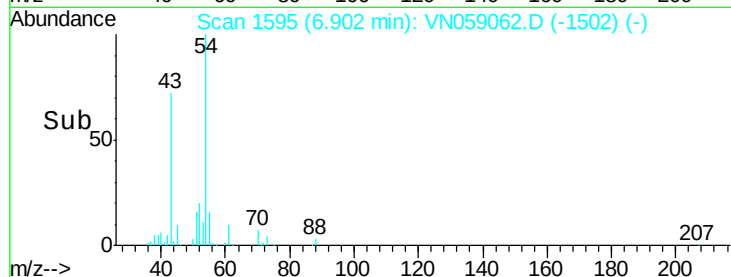
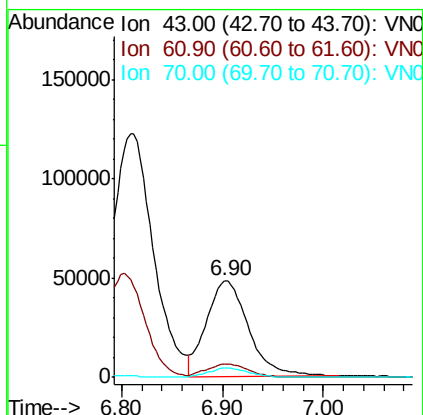
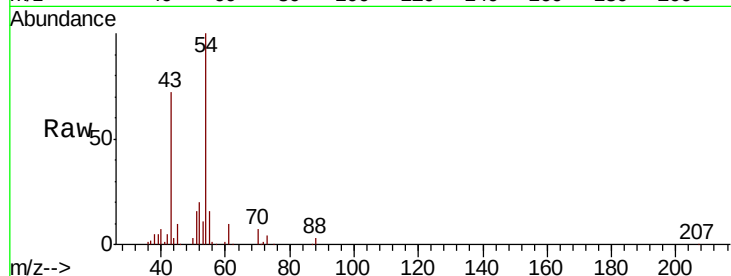




#37
Ethyl Acetate
Concen: 21.302 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

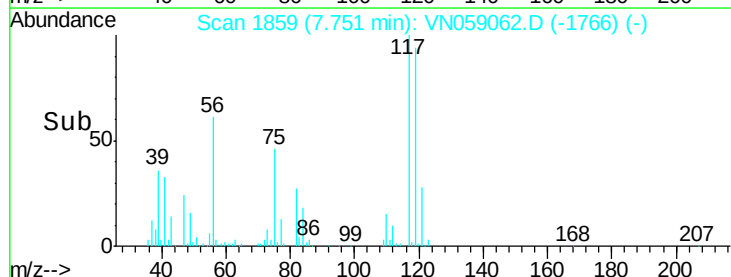
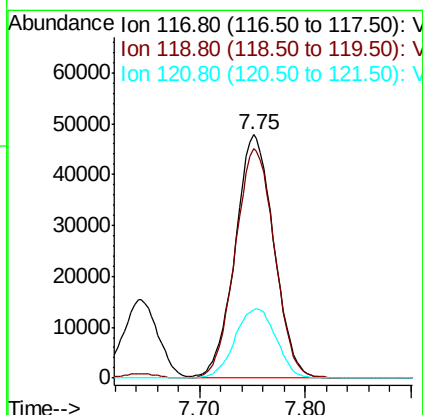
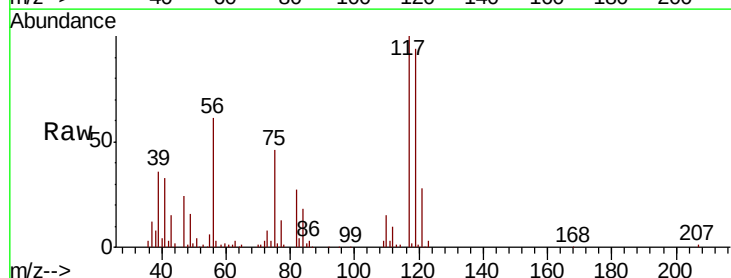
Instrument :
MSVOA_N
ClientSampleId :

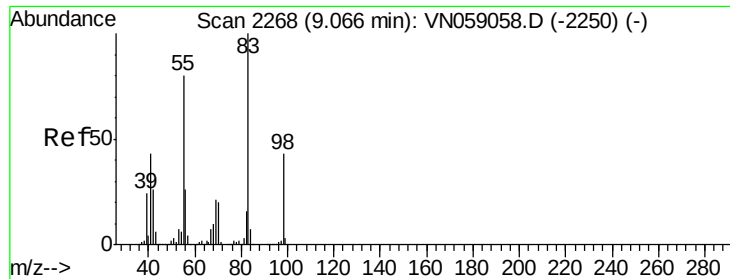
Tot Ion: 43 Resp: 139910
Ion Ratio Lower Upper
43 100
61 14.2 11.2 16.8
70 9.6 8.0 12.0



#38
Carbon Tetrachloride
Concen: 21.219 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion: 117 Resp: 122239
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8
121 27.8 24.6 37.0

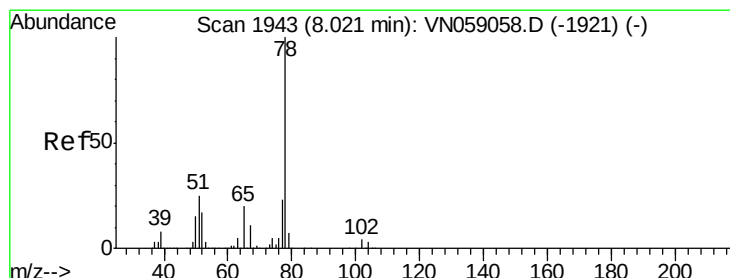
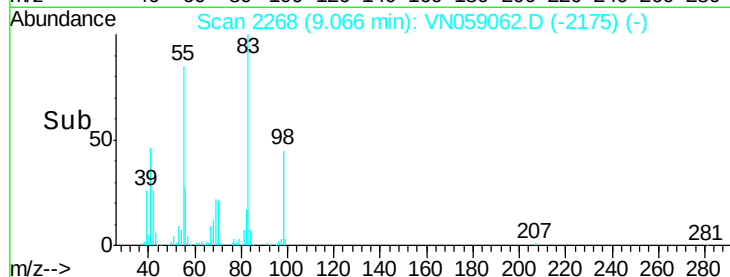
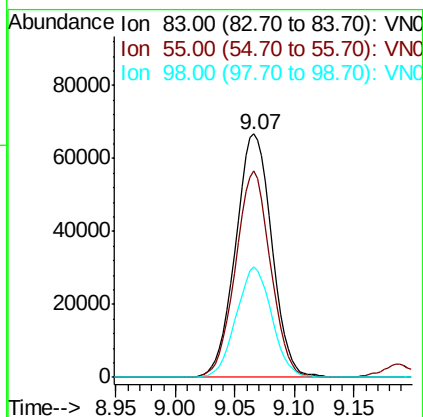
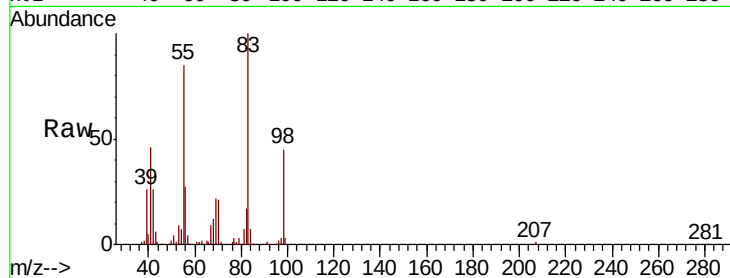




#39
Methylvlcyclohexane
Concen: 20.647 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

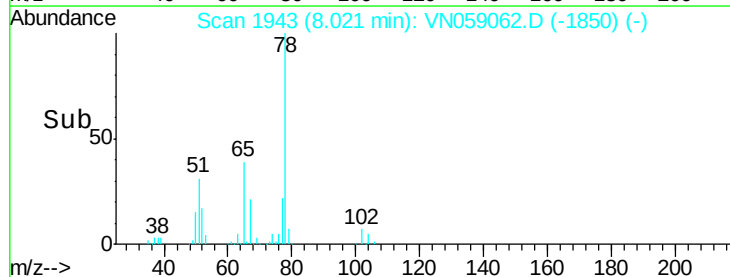
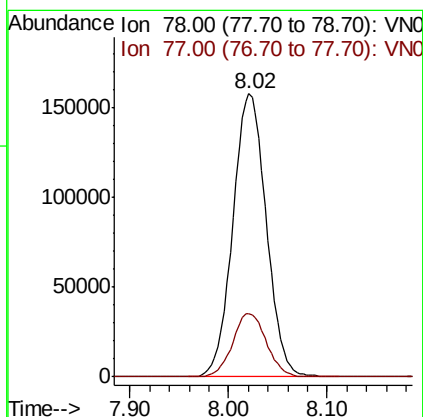
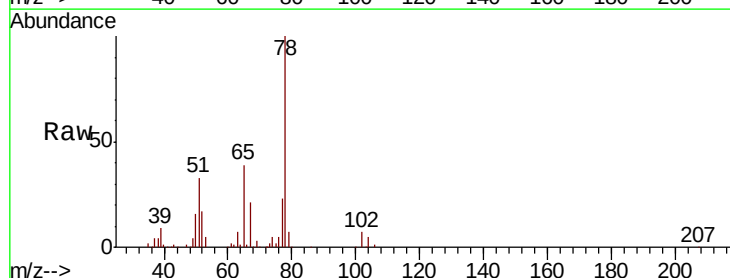
Instrument :
MSVOA_N
ClientSampled :

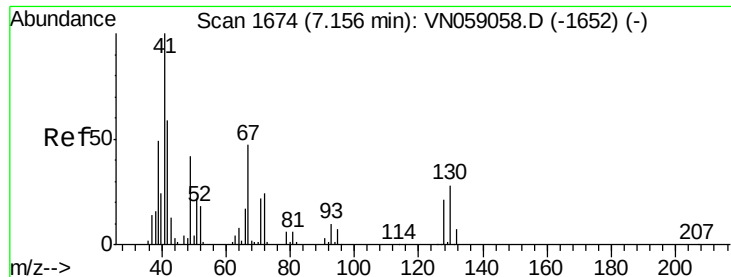
Tot Ion: 83 Resp: 141070
Ion Ratio Lower Upper
83 100
55 84.6 64.1 96.1
98 45.4 34.3 51.5



#40
Benzene
Concen: 21.149 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion: 78 Resp: 371013
Ion Ratio Lower Upper
78 100
77 22.5 18.6 27.8

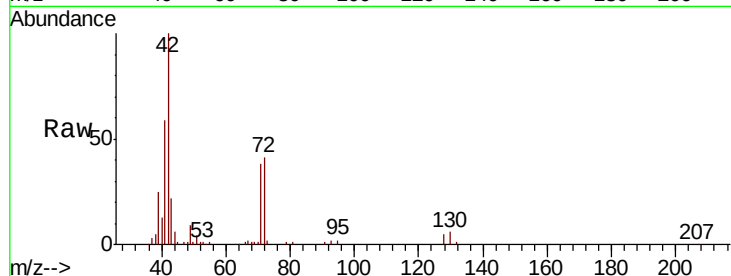




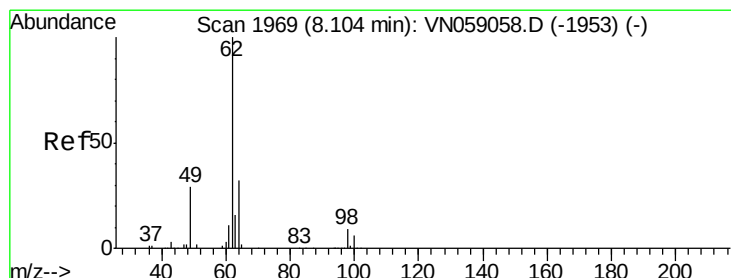
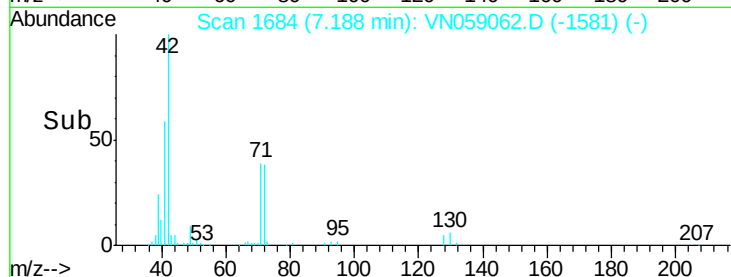
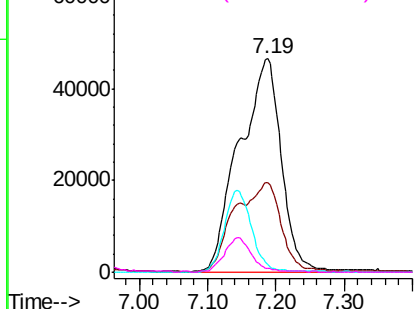
#41
Methacrylonitrile
Concen: 70.040 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	198919
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

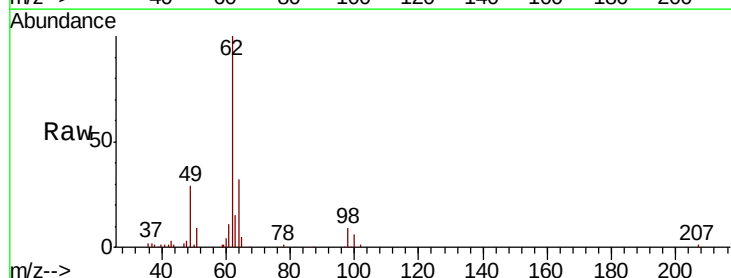


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

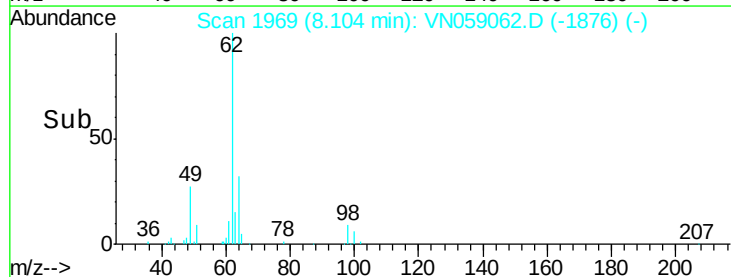
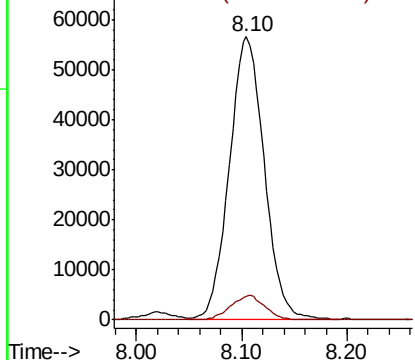


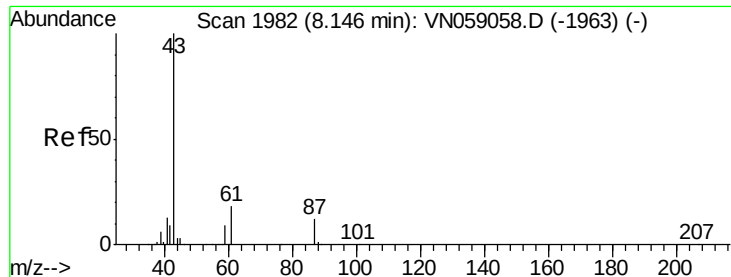
#42
1,2-Dichloroethane
Concen: 21.383 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion:	62	Resp:	130275
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.861 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

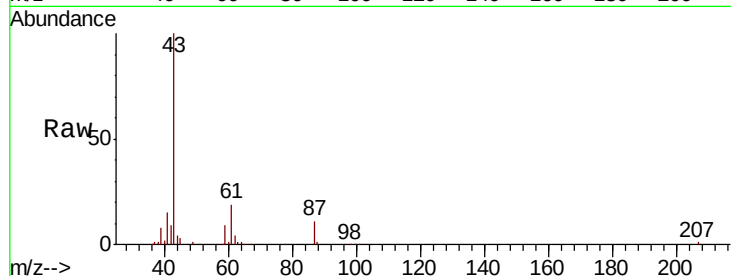
Tot Ion: 43 Resp: 214269

Ion Ratio Lower Upper

43 100

61 20.9 20.5 30.7

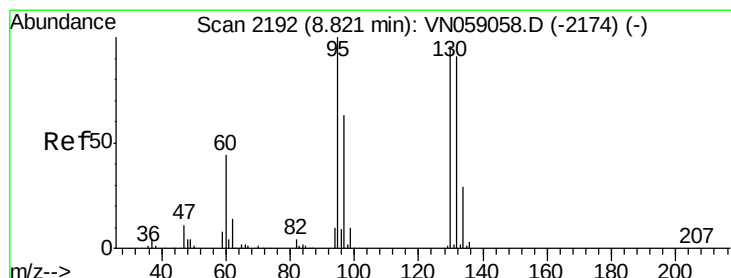
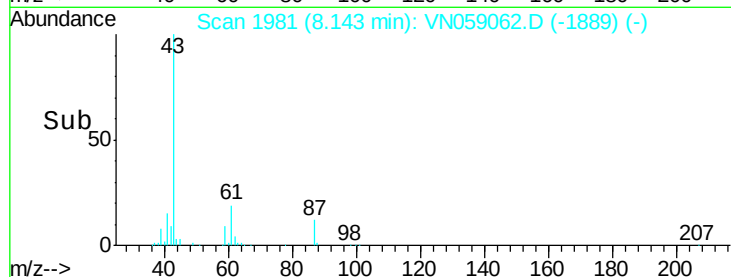
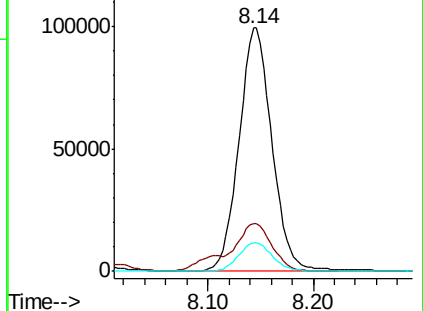
87 12.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN059058.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN059058.D (-1963) (-)



#44

Trichloroethene

Concen: 20.817 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059062.D

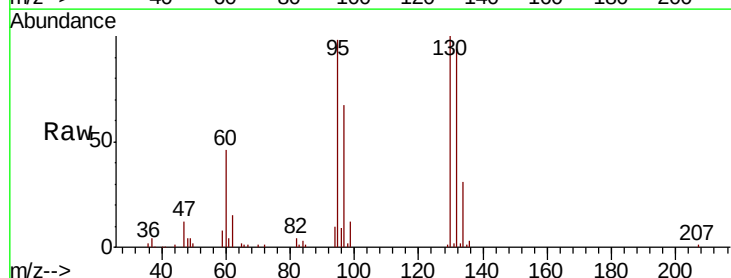
Acq: 1 Nov 2019 15:15

Tgt Ion:130 Resp: 89854

Ion Ratio Lower Upper

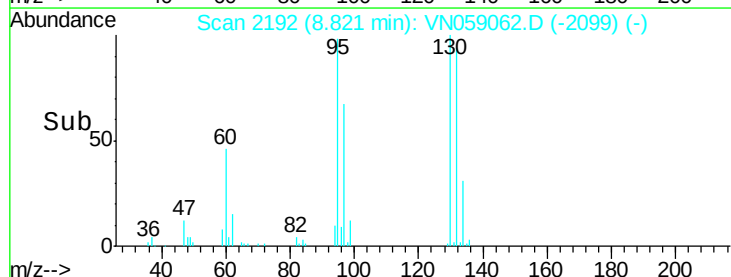
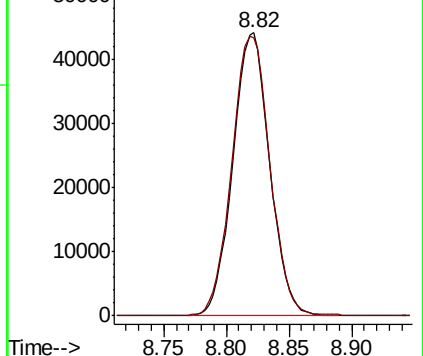
130 100

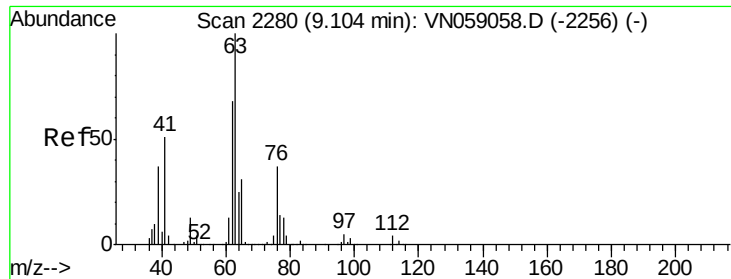
95 98.4 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN059058.D (-2174) (-)

Ion 94.90 (94.60 to 95.60): VN059058.D (-2174) (-)

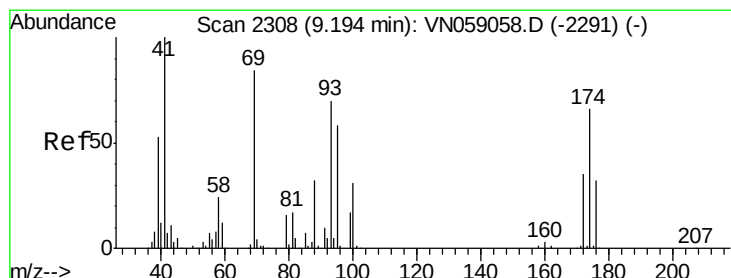
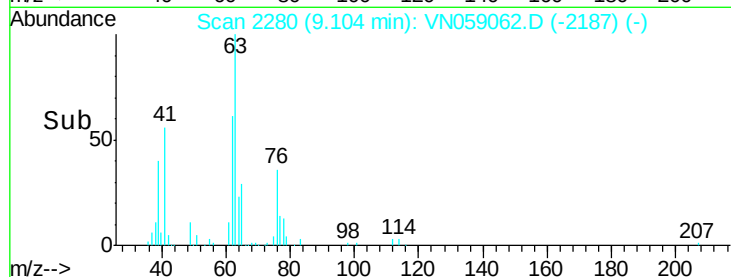
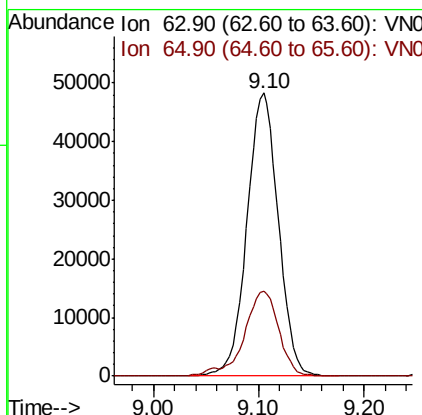
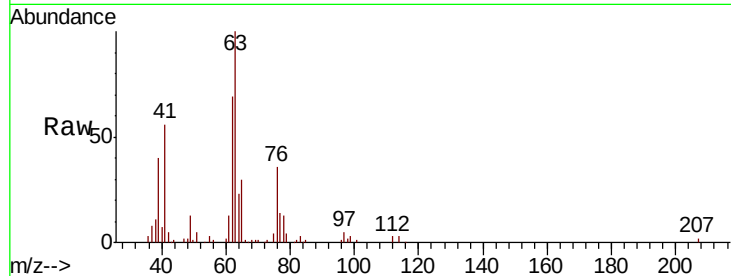




#45
 1,2-Dichloropropane
 Concen: 21.138 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

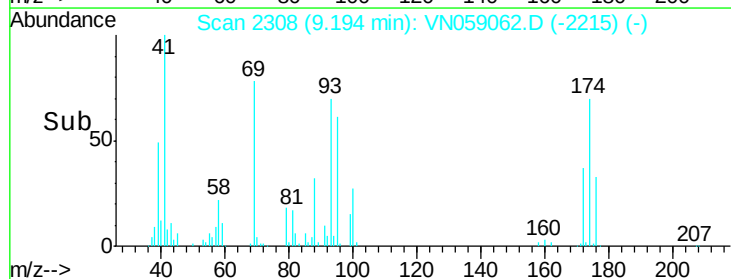
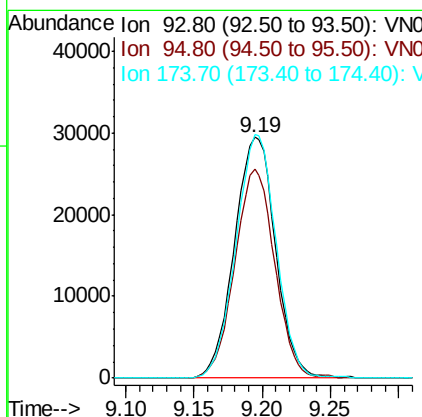
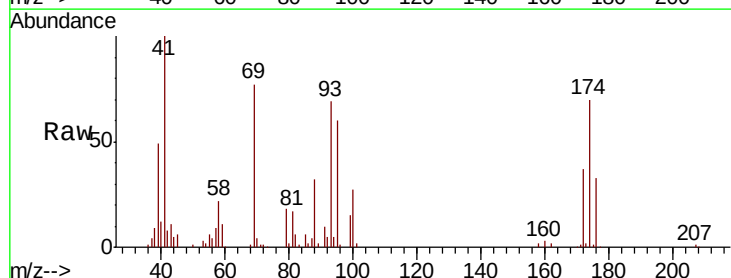
Instrument :
 MSVOA_N
 ClientSampled :

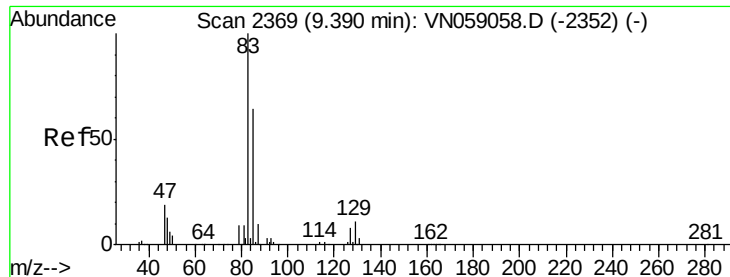
Tot Ion: 63 Resp: 100289
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6



#46
 Dibromomethane
 Concen: 21.057 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

Tgt Ion: 93 Resp: 61743
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.2 100.8
 174 98.9 78.3 117.5





#47

Bromodichloromethane

Concen: 20.889 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :
MSVOA_N
ClientSampled :

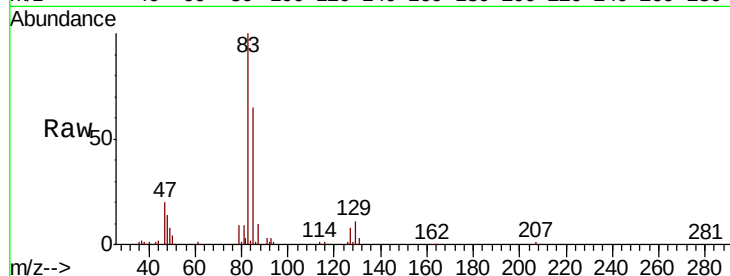
Tot Ion: 83 Resp: 124047

Ion Ratio Lower Upper

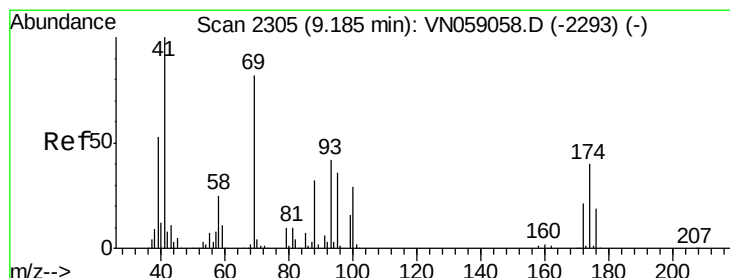
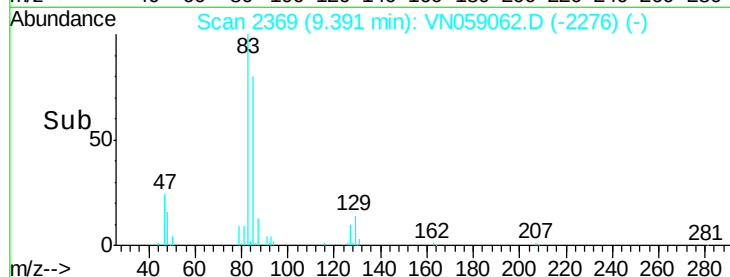
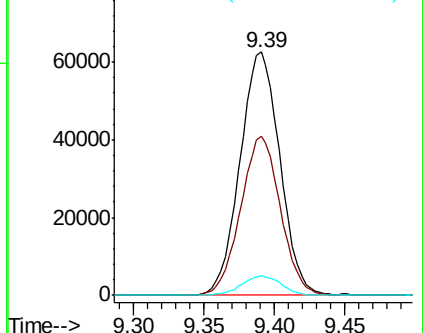
83 100

85 65.3 51.2 76.8

127 8.0 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.449 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

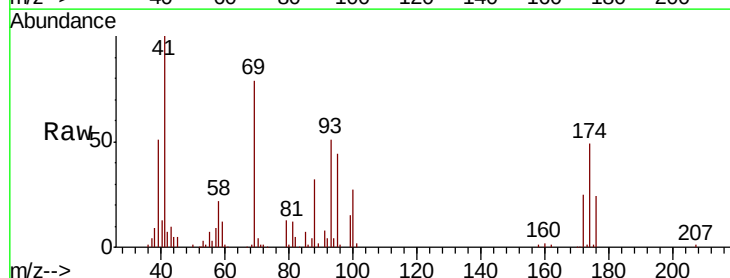
Tgt Ion: 41 Resp: 95769

Ion Ratio Lower Upper

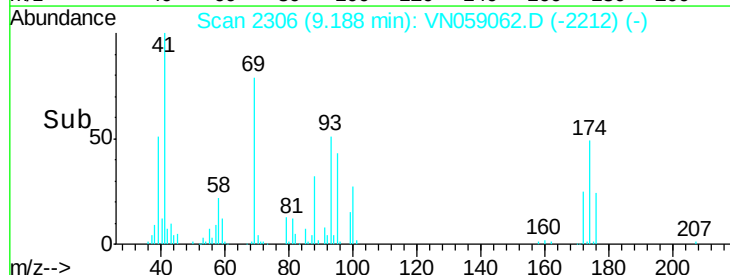
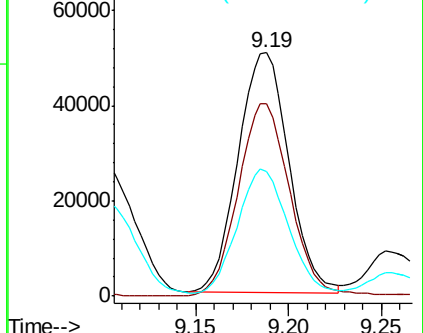
41 100

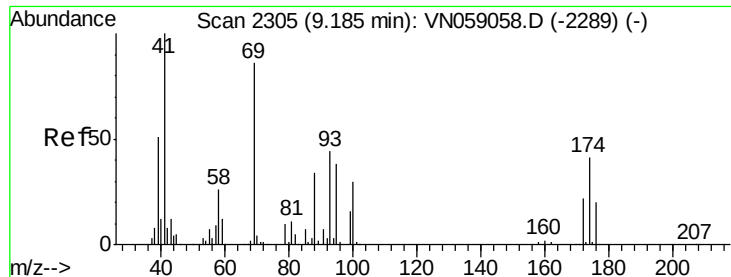
69 82.1 67.1 100.7

39 54.6 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

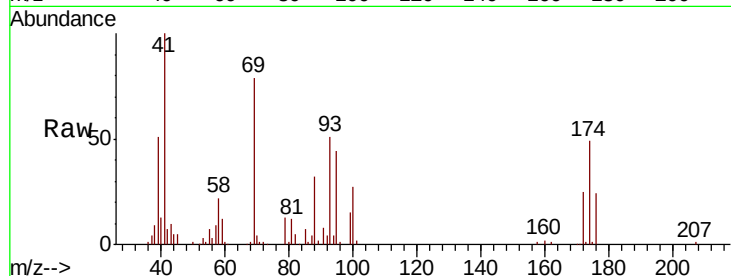




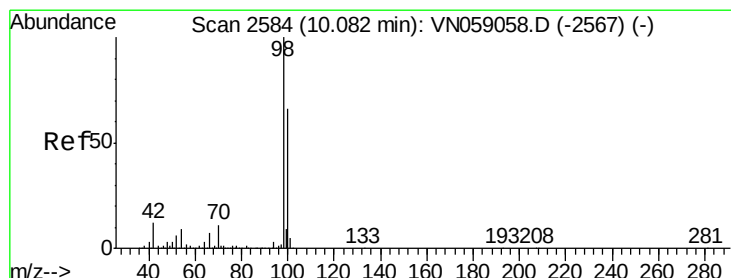
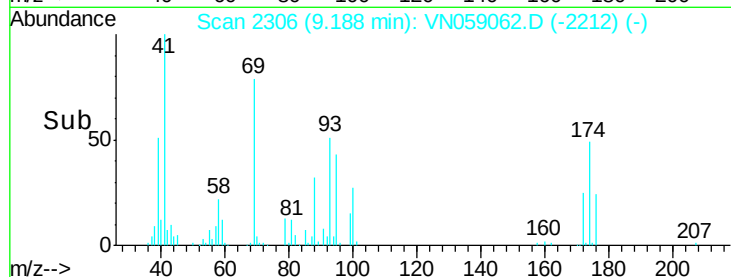
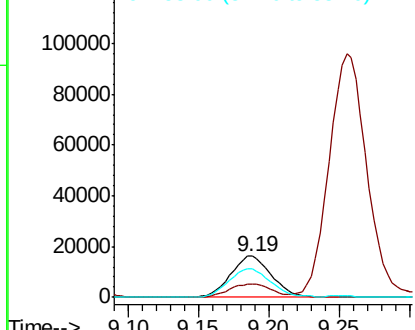
#49
1,4-Dioxane
Concen: 433.933 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 33150
Ion Ratio Lower Upper
88 100
43 33.3 26.2 39.2
58 71.9 59.1 88.7

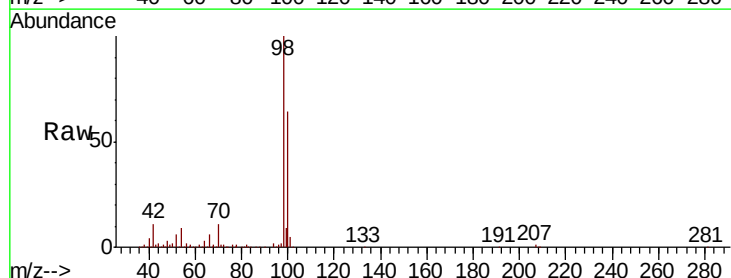


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

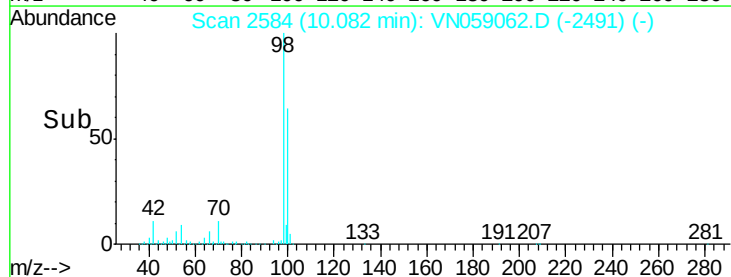
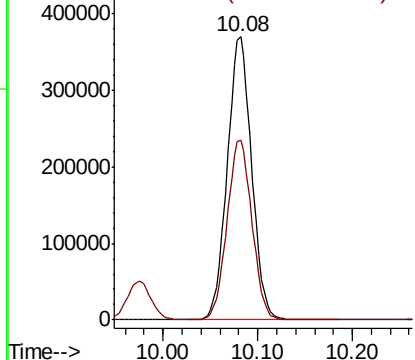


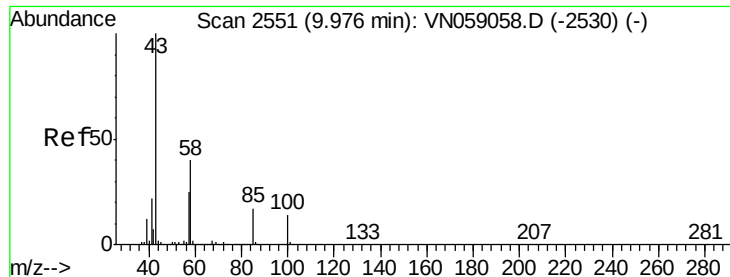
#50
Toluene-d8
Concen: 44.246 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion: 98 Resp: 660972
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



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

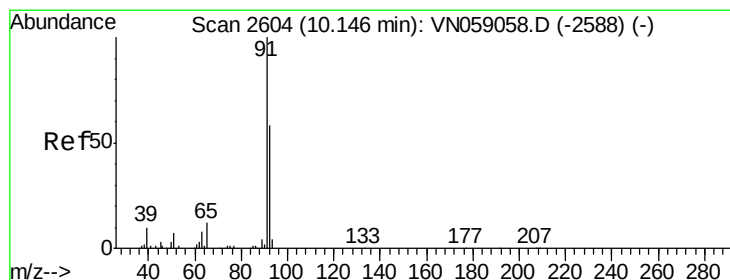
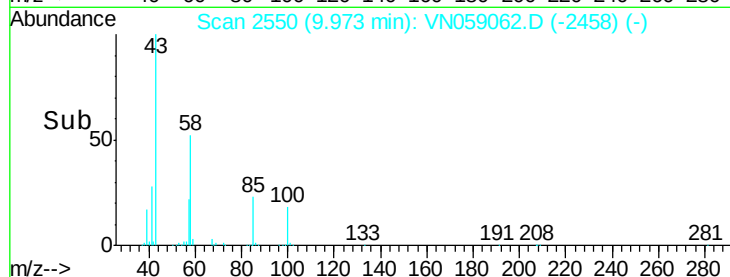
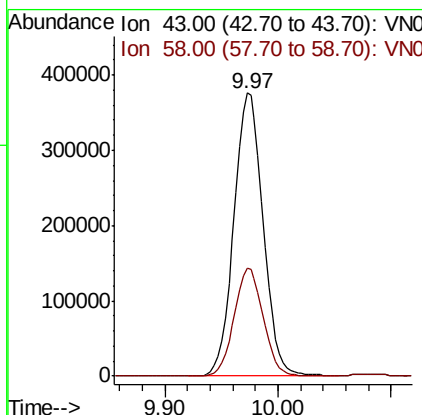
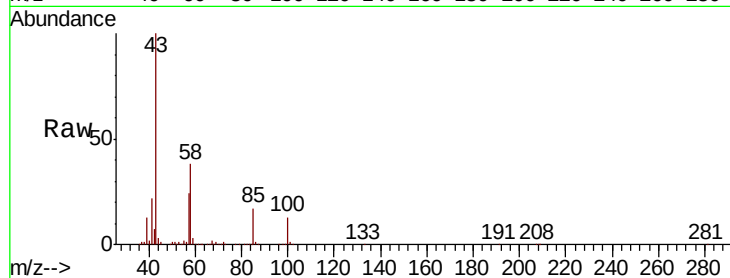




#51
4-Methyl-2-Pentanone
Concen: 113.393 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

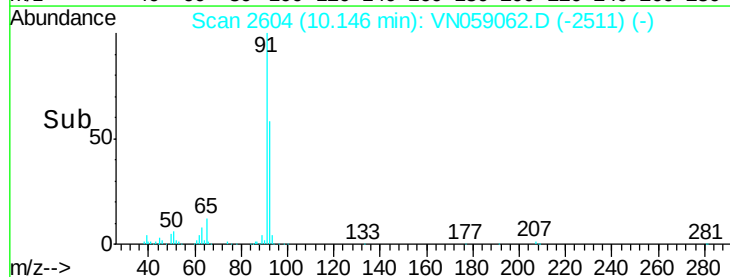
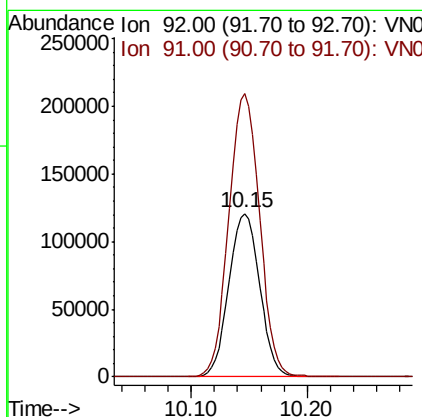
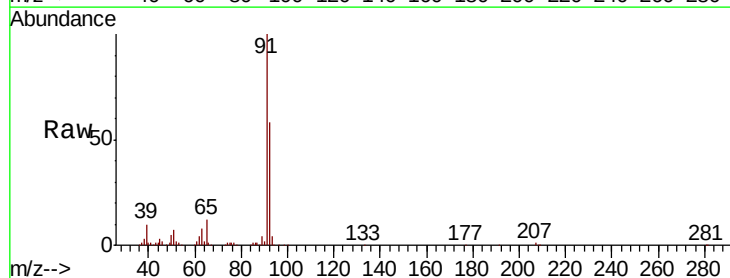
Instrument :
MSVOA_N
ClientSampleId :

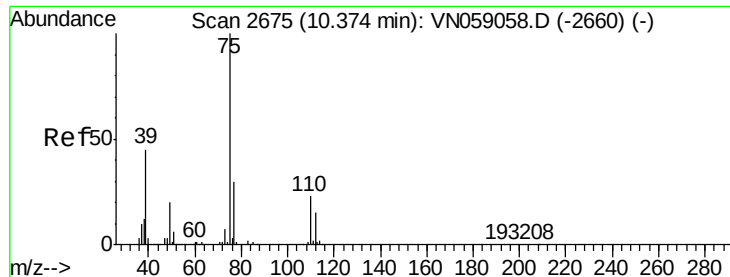
Tot Ion: 43 Resp: 676579
Ion Ratio Lower Upper
43 100
58 38.0 31.8 47.6



#52
Toluene
Concen: 21.669 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion: 92 Resp: 222733
Ion Ratio Lower Upper
92 100
91 172.9 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 20.610 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

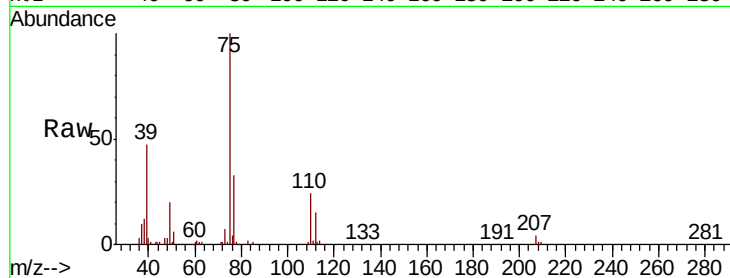
ClientSampleId :

Tot Ion: 75 Resp: 141527

Ion Ratio Lower Upper

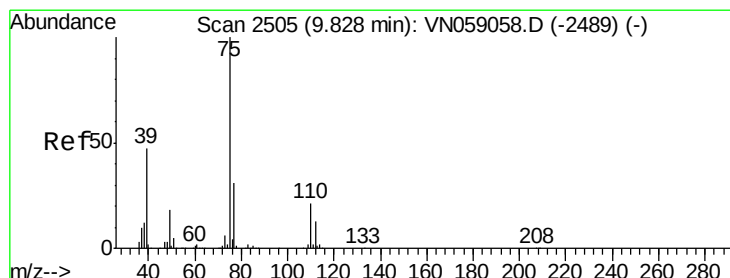
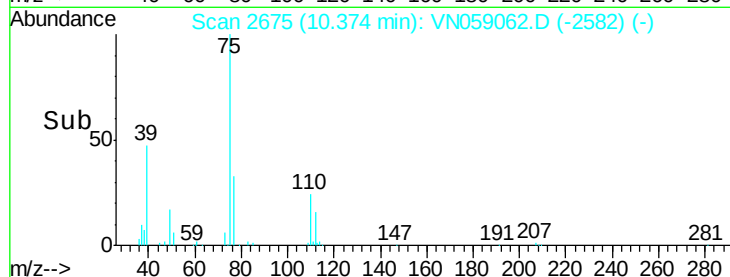
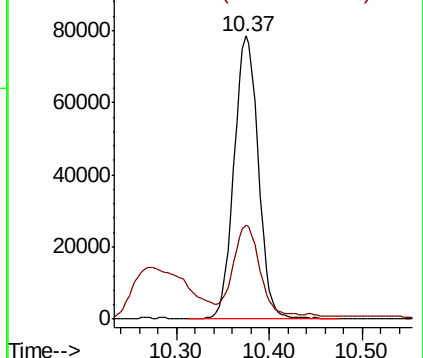
75 100

77 32.1 25.6 38.4



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: 21.382 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

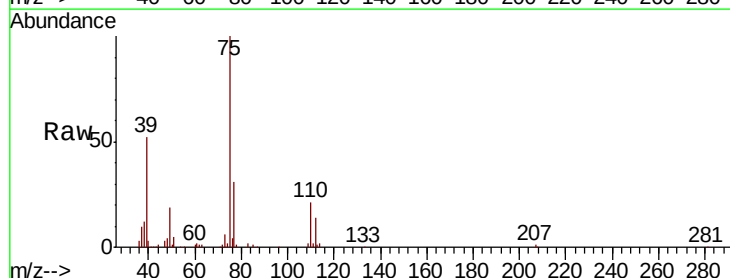
Tgt Ion: 75 Resp: 154866

Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

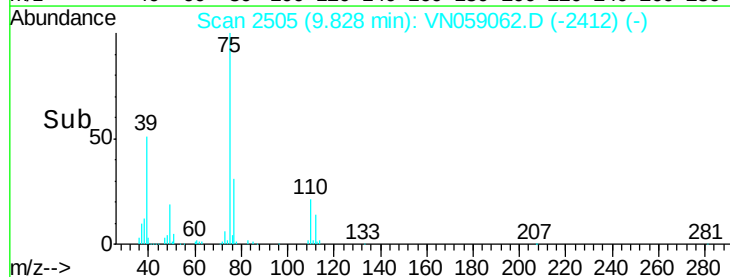
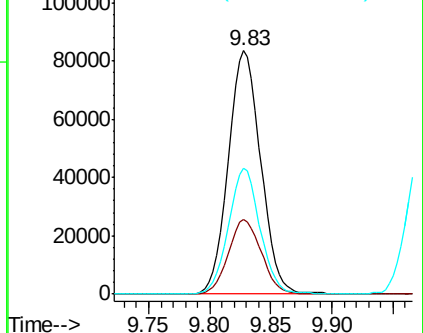
39 51.5 37.4 56.2

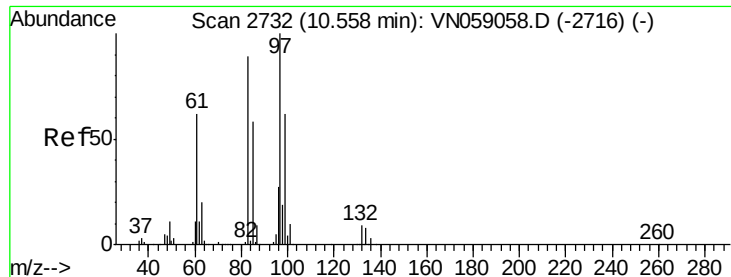


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.069 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

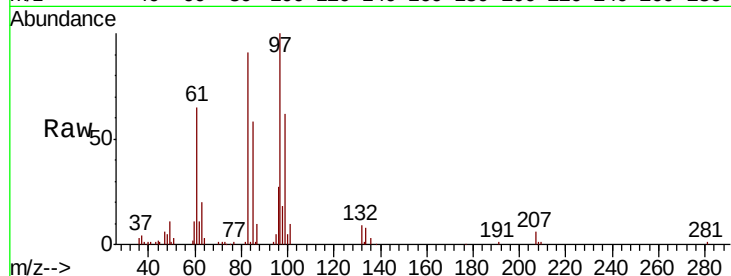
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 88222

Ion	Ratio	Lower	Upper
97	100		
83	91.2	71.4	107.2
85	58.3	46.6	70.0
99	62.0	49.7	74.5

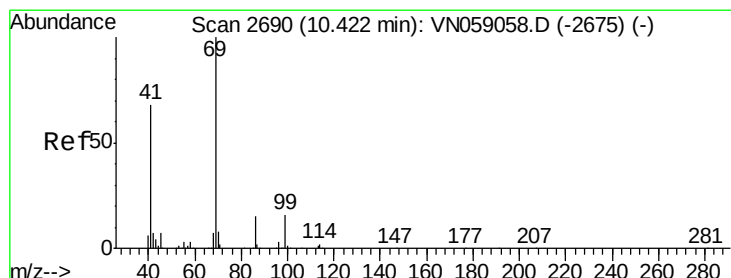
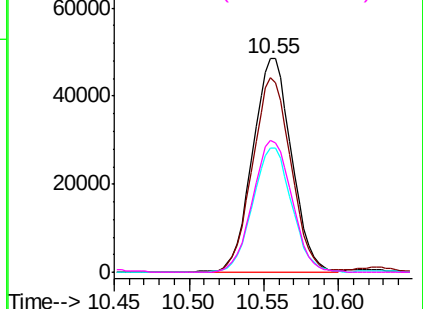
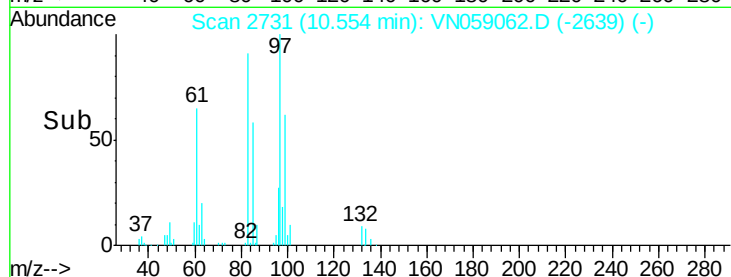


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.831 ug/l

RT: 10.42 min Scan# 2690

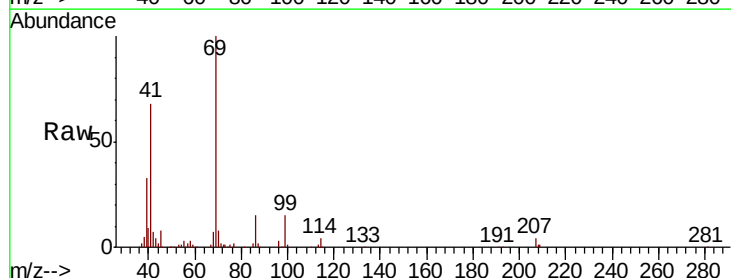
Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Tgt Ion: 69 Resp: 132640

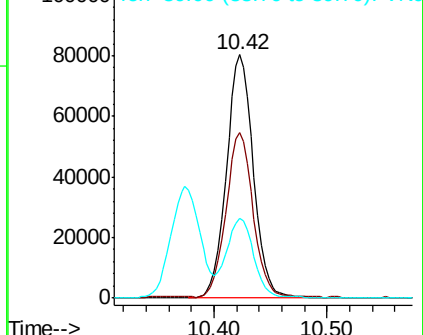
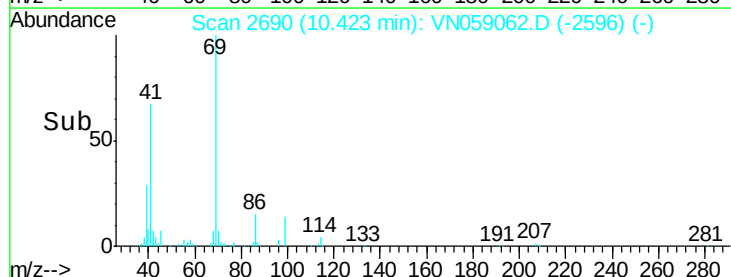
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.8	80.8
39	33.2	26.2	39.2

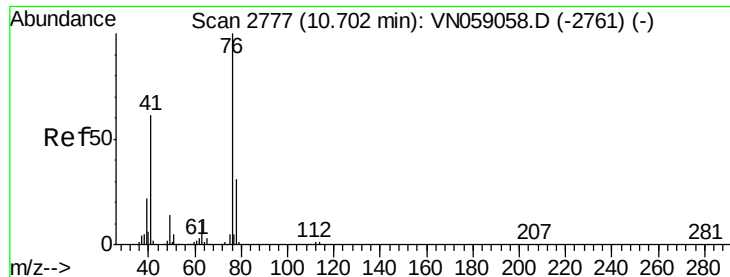


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.317 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

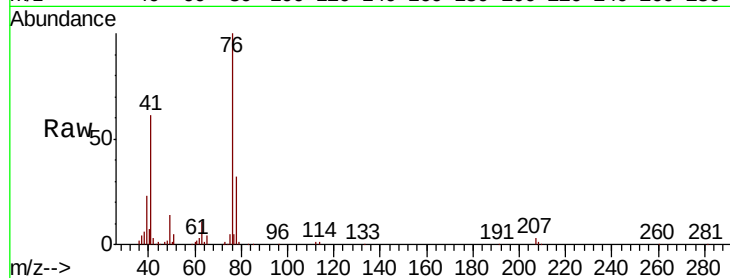
ClientSampleId :

Tot Ion: 76 Resp: 155235

Ion Ratio Lower Upper

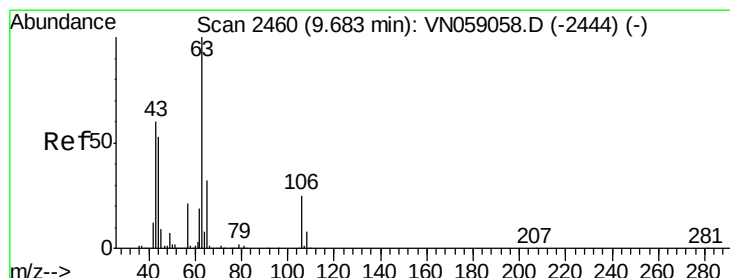
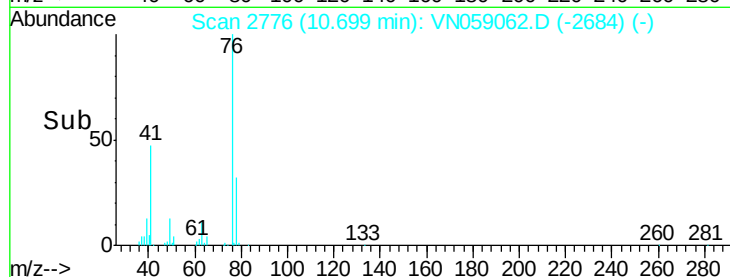
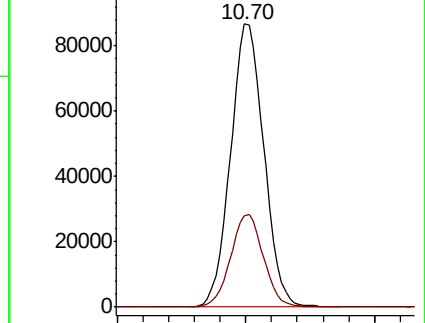
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN059058.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN059058.D (-2761) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 123.926 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059062.D

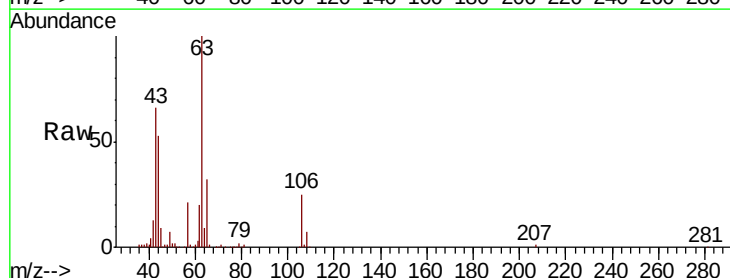
Acq: 1 Nov 2019 15:15

Tgt Ion: 63 Resp: 324870

Ion Ratio Lower Upper

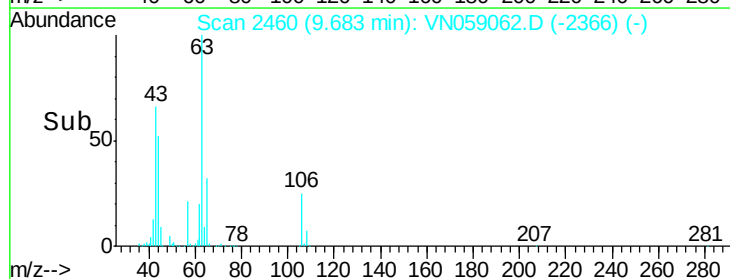
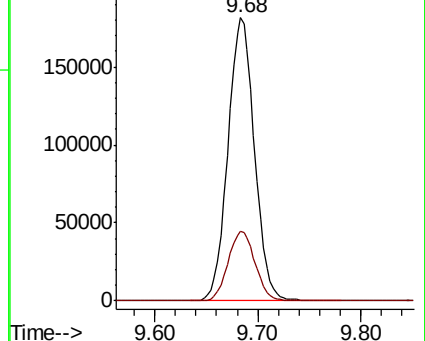
63 100

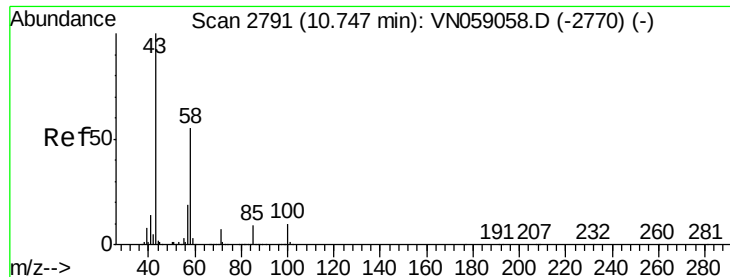
106 25.1 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VN059058.D (-2444) (-)

Ion 105.90 (105.60 to 106.60): VN059058.D (-2444) (-)

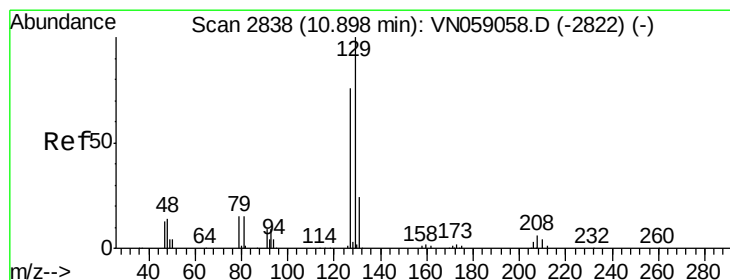
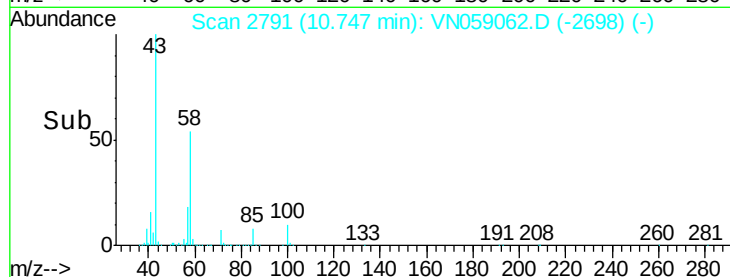
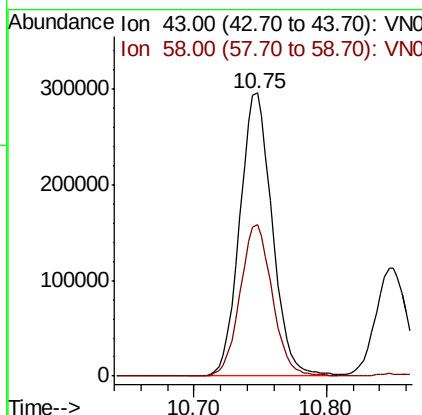
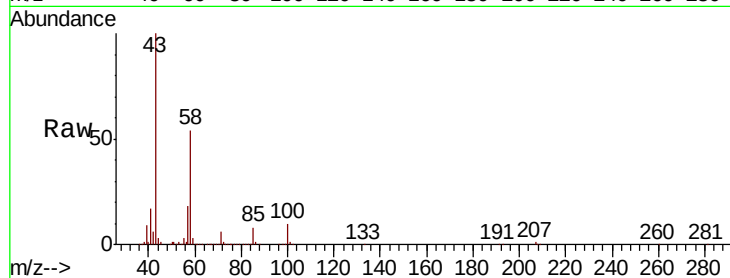




#59
2-Hexanone
Concen: 110.822 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

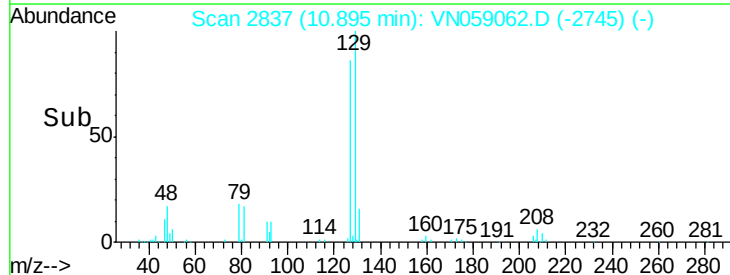
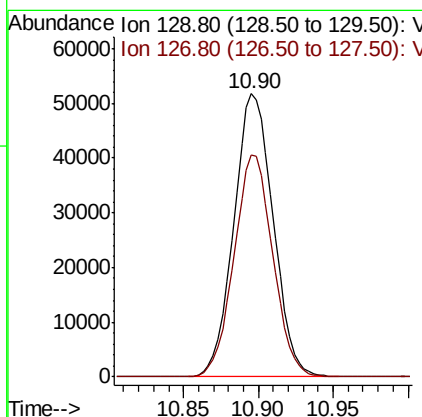
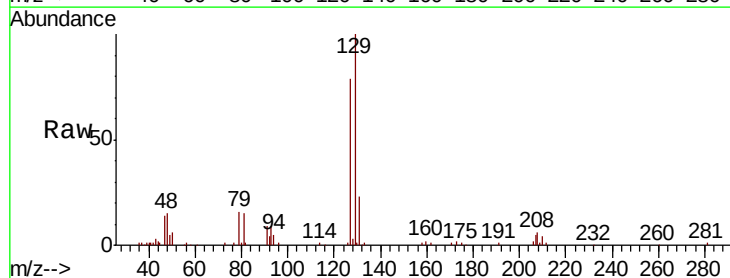
Instrument :
MSVOA_N
ClientSampleId :

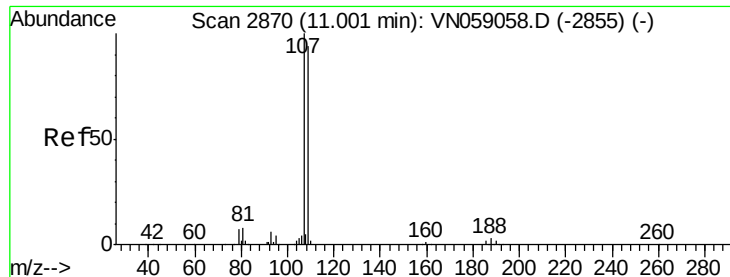
Tot Ion: 43 Resp: 502344
Ion Ratio Lower Upper
43 100
58 53.3 27.4 82.2



#60
Dibromochloromethane
Concen: 20.979 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion: 129 Resp: 94669
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 21.595 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

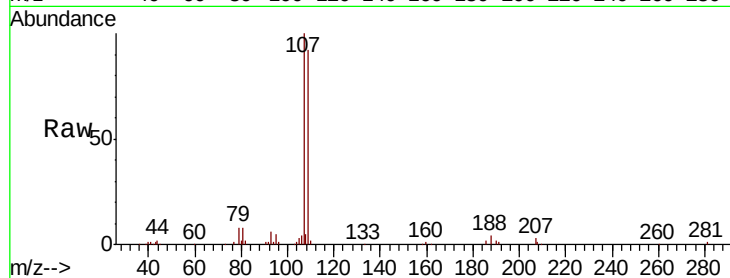
ClientSampled :

Tot Ion: 107 Resp: 91603

Ion Ratio Lower Upper

107 100

109 93.1 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

50000

40000

30000

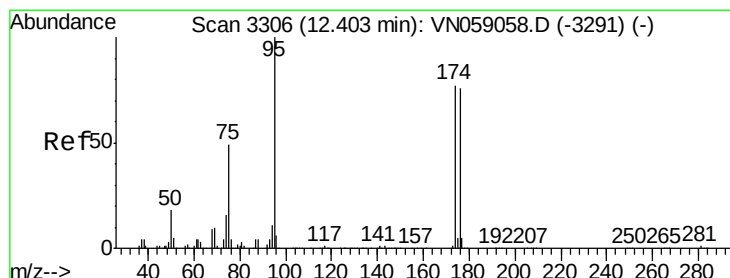
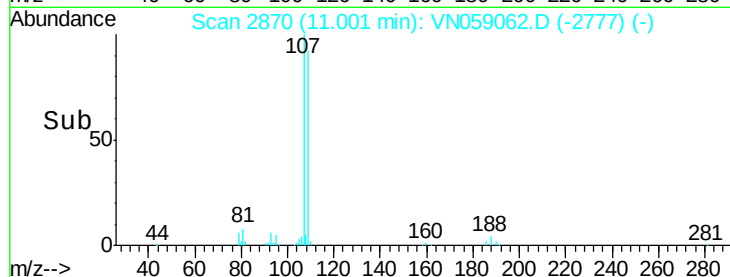
20000

10000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 42.973 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

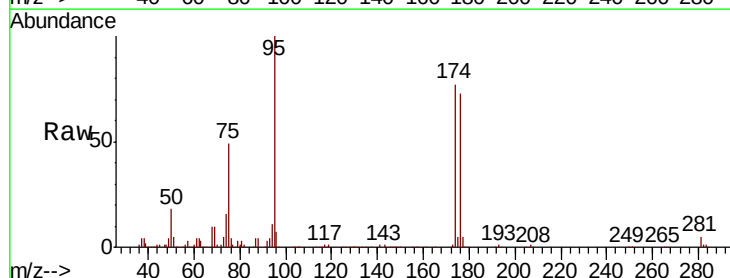
Tgt Ion: 95 Resp: 230759

Ion Ratio Lower Upper

95 100

174 76.3 0.0 155.8

176 74.5 0.0 151.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

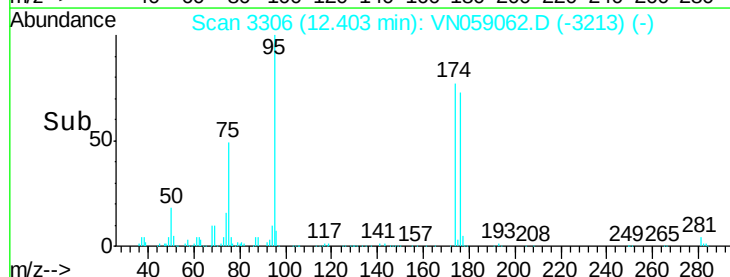
100000

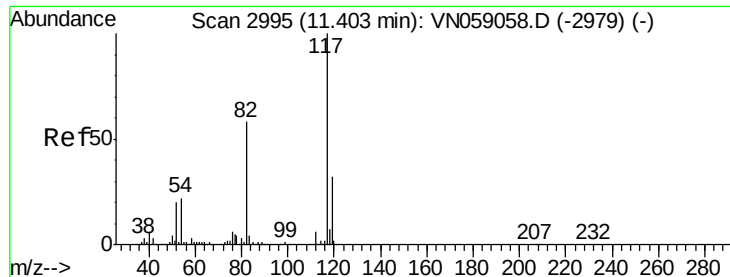
50000

0

Time-->

12.35 12.40 12.45





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

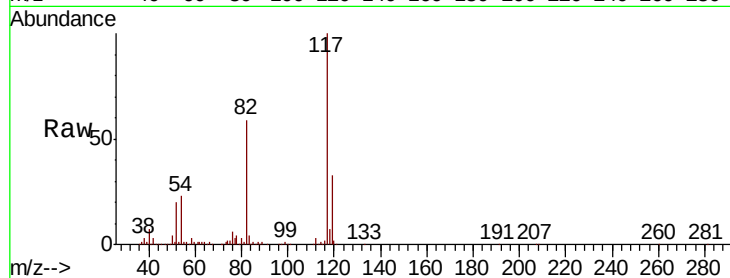
Tot Ion:117 Resp: 531495

Ion Ratio Lower Upper

117 100

82 58.6 46.0 69.0

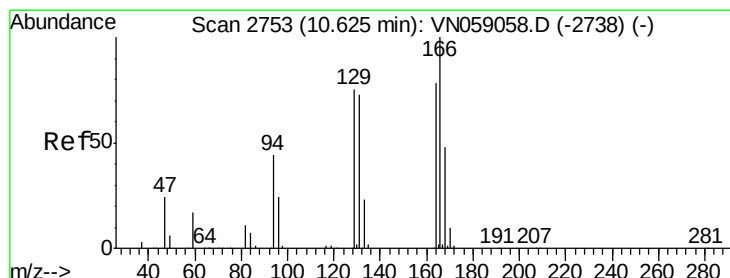
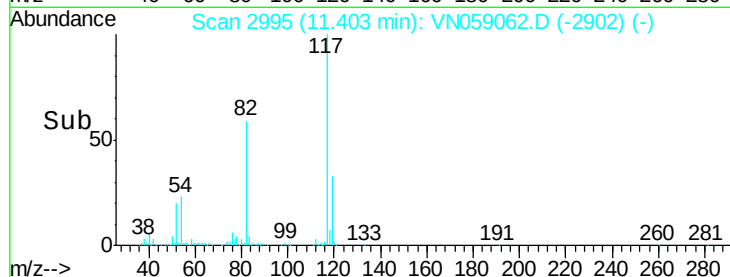
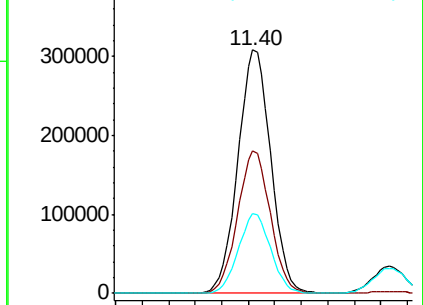
119 32.6 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.549 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Tgt Ion:164 Resp: 80004

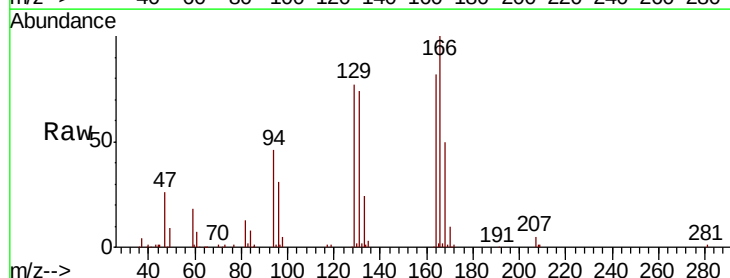
Ion Ratio Lower Upper

164 100

166 122.2 102.7 154.1

129 94.3 77.3 115.9

131 90.2 74.8 112.2

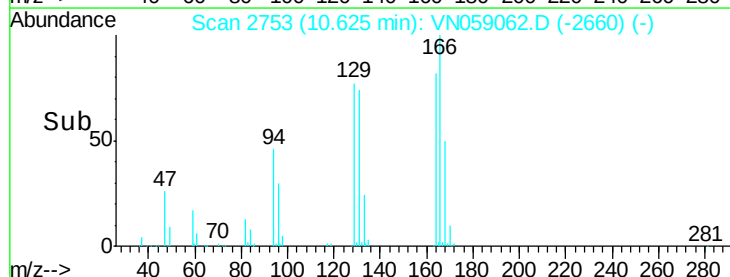
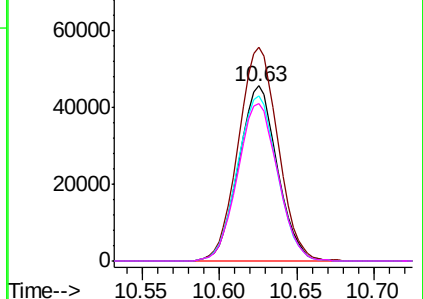


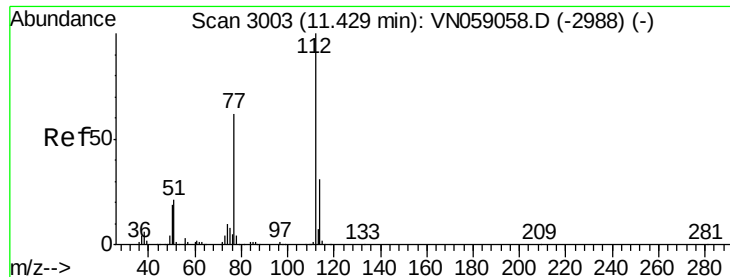
Abundance Ion 163.80 (163.50 to 164.50): V

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

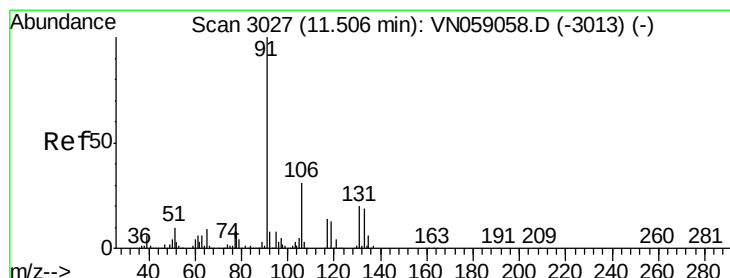
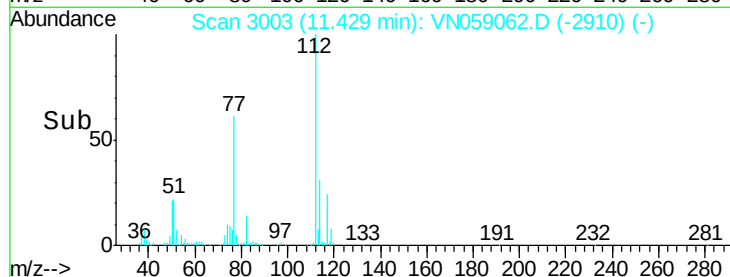
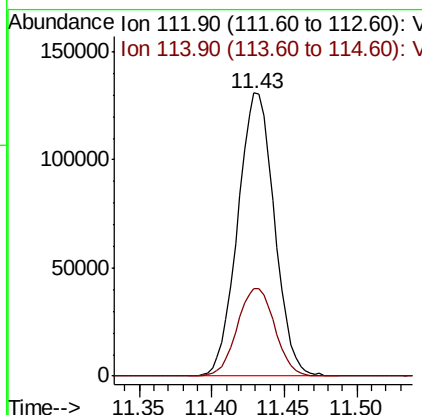
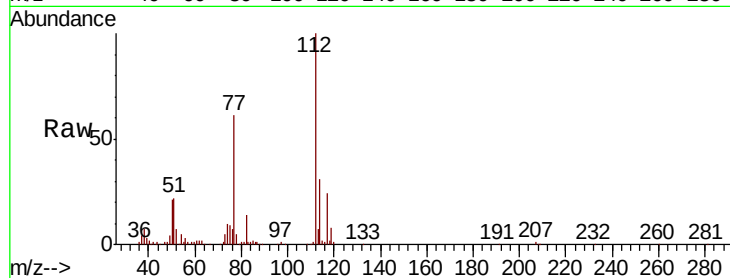




#65
Chlorobenzene
Concen: 21.147 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

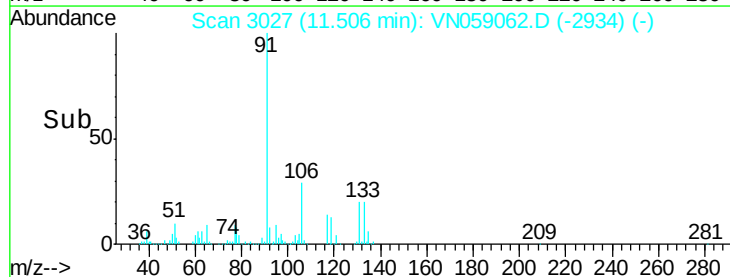
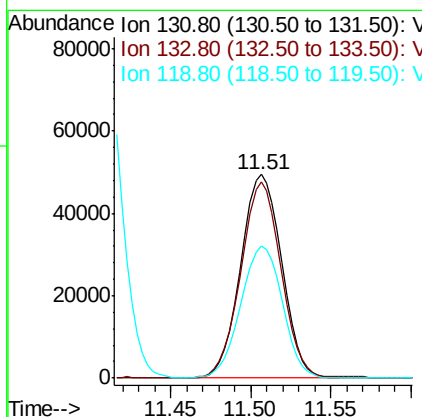
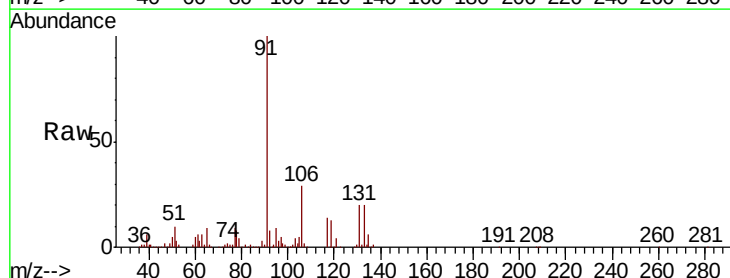
Instrument :
MSVOA_N
ClientSampled :

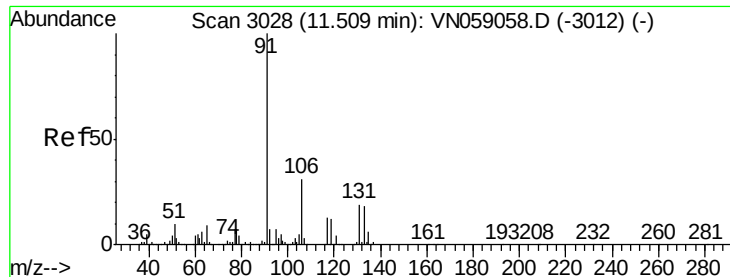
Tot Ion:112 Resp: 230678
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.526 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion:131 Resp: 86392
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 66.2 33.5 100.5





#67

Ethyl Benzene

Concen: 21.944 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

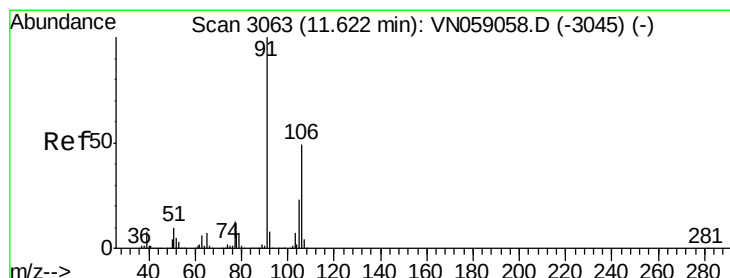
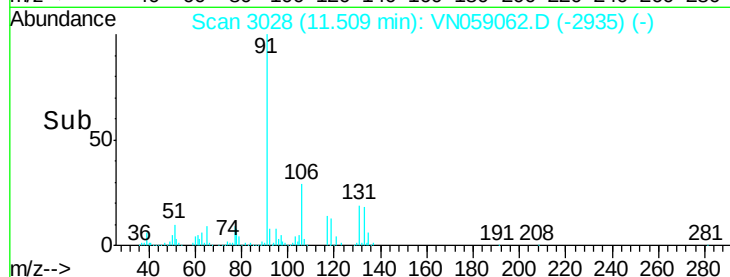
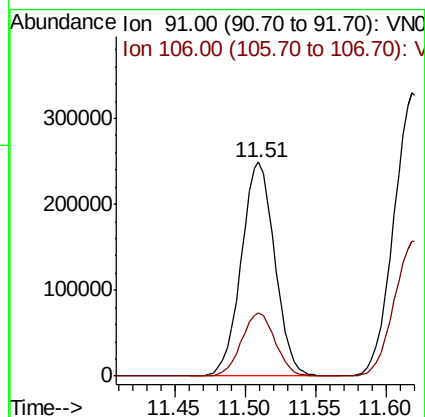
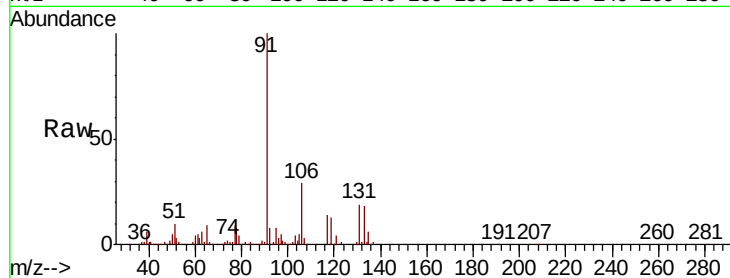
ClientSampled :

Tot Ion: 91 Resp: 414389

Ion Ratio Lower Upper

91 100

106 29.4 24.6 36.8



#68

m/p-Xylenes

Concen: 43.158 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059062.D

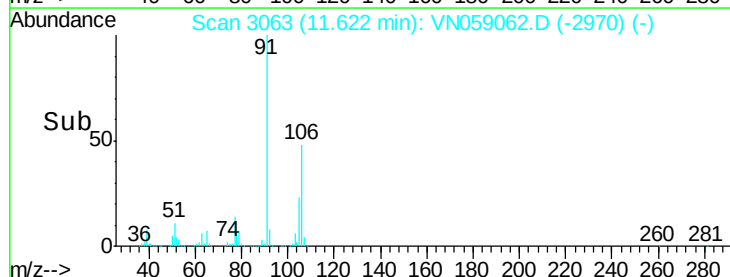
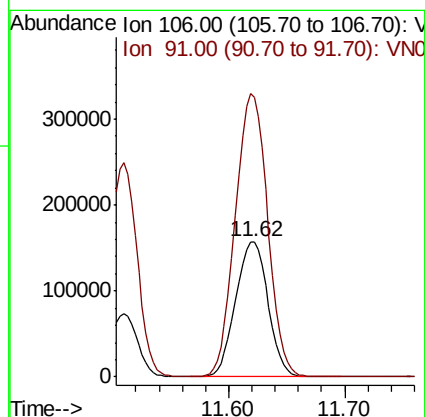
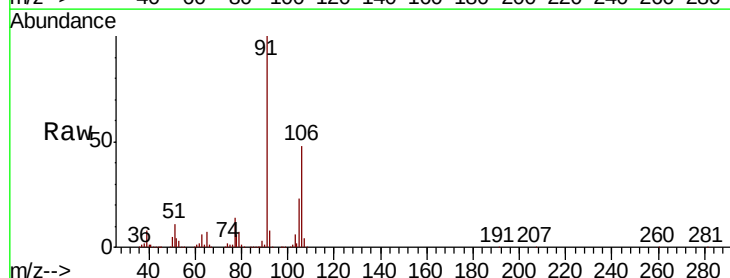
Acq: 1 Nov 2019 15:15

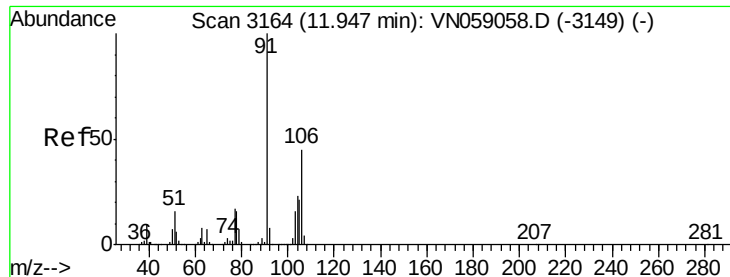
Tgt Ion: 106 Resp: 304321

Ion Ratio Lower Upper

106 100

91 208.5 165.7 248.5

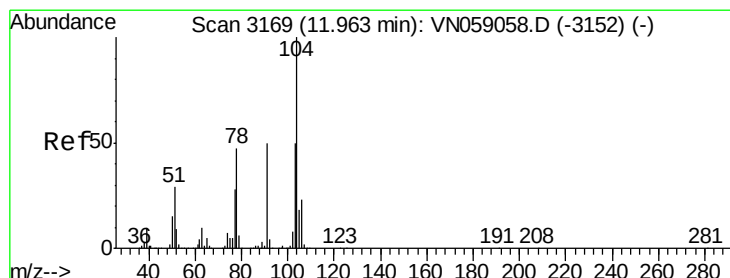
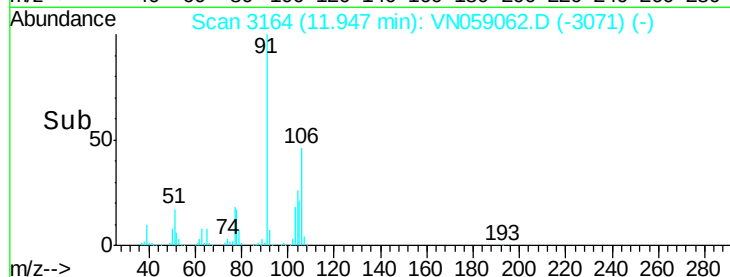
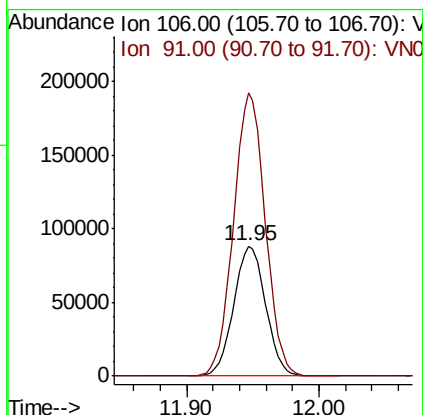
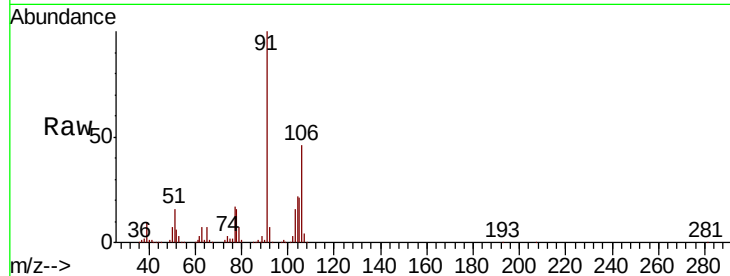




#69
o-Xylene
Concen: 21.897 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

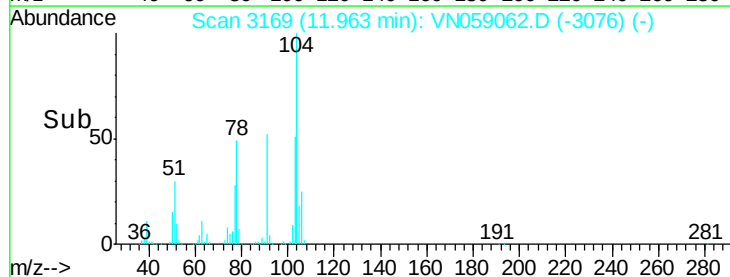
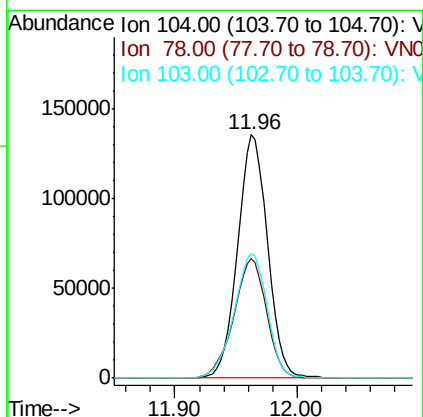
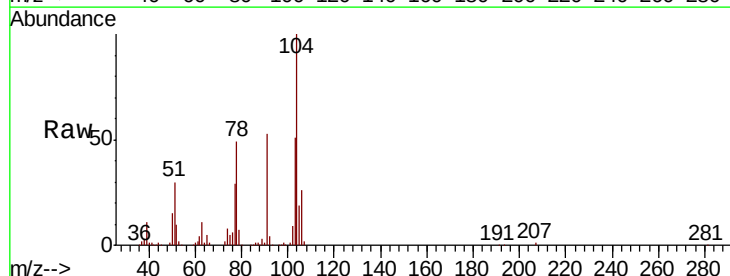
Instrument :
MSVOA_N
ClientSampleId :

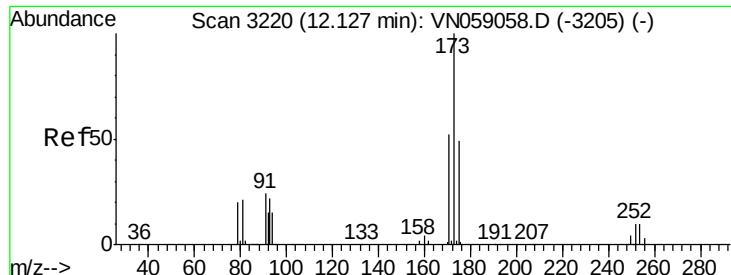
Tot Ion:106 Resp: 147444
Ion Ratio Lower Upper
106 100
91 216.3 110.4 331.2



#70
Styrene
Concen: 21.025 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion:104 Resp: 229409
Ion Ratio Lower Upper
104 100
78 53.8 41.2 61.8
103 56.4 43.9 65.9





#71

Bromoform

Concen: 21.126 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampled :

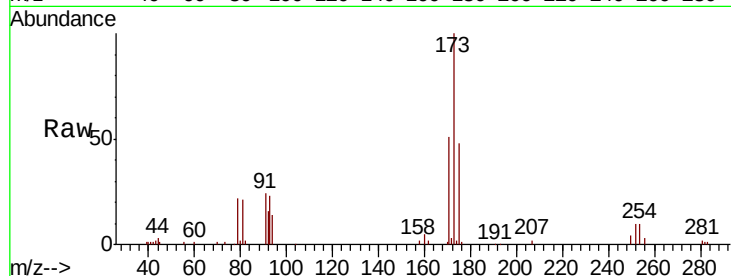
Tot Ion:173 Resp: 65627

Ion Ratio Lower Upper

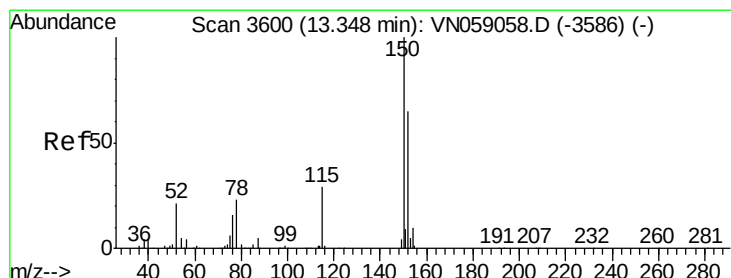
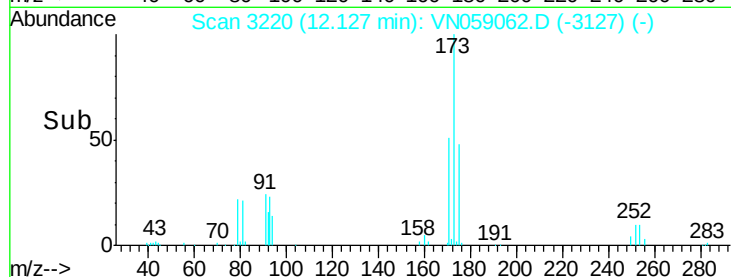
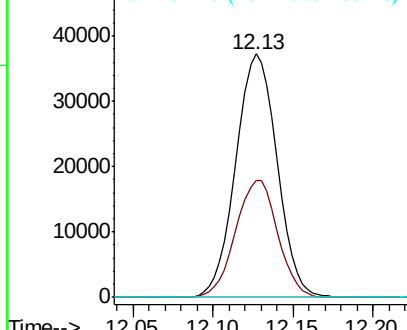
173 100

175 49.0 24.4 73.2

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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

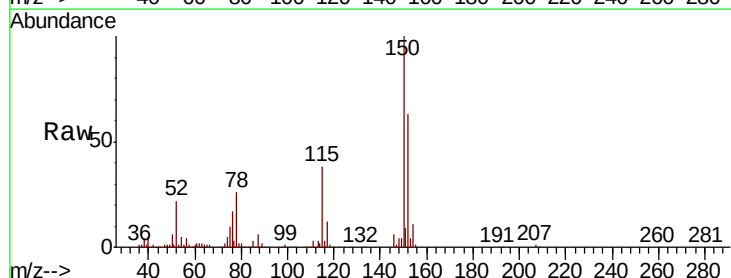
Tgt Ion:152 Resp: 240785

Ion Ratio Lower Upper

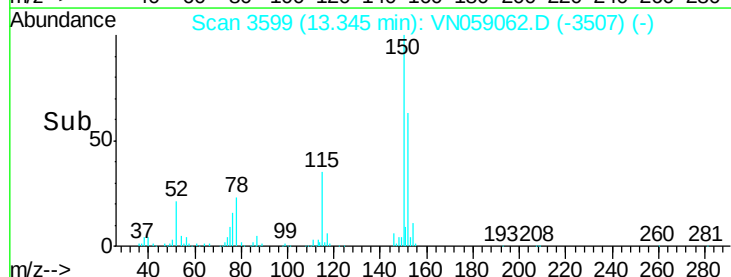
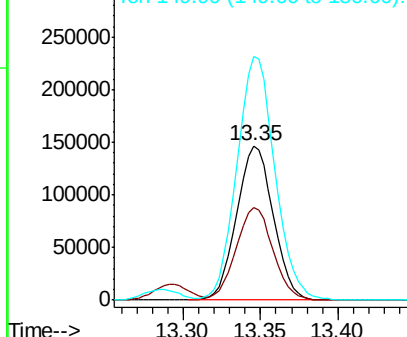
152 100

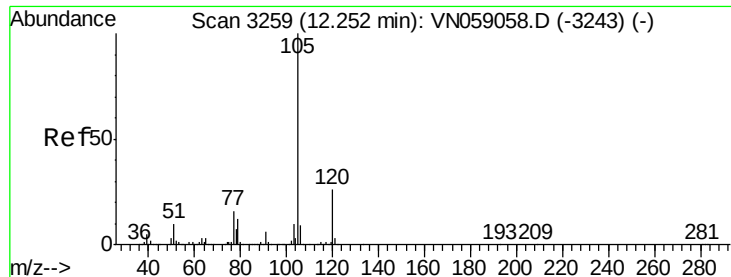
115 60.3 29.6 88.9

150 164.2 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: 22.100 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

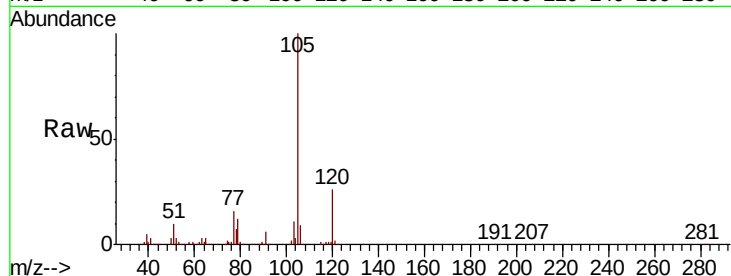
ClientSampled :

Tot Ion: 105 Resp: 391484

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

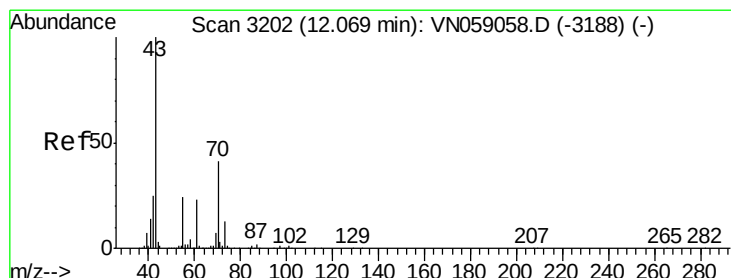
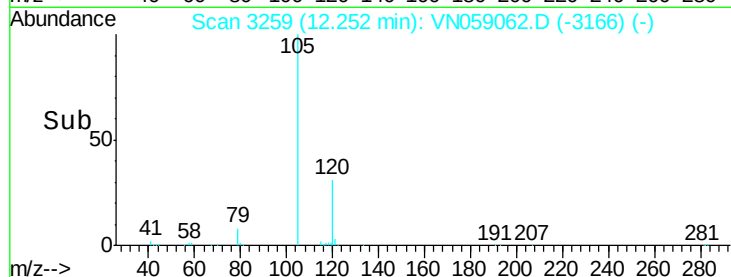
100000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 21.103 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Tgt Ion: 43 Resp: 166285

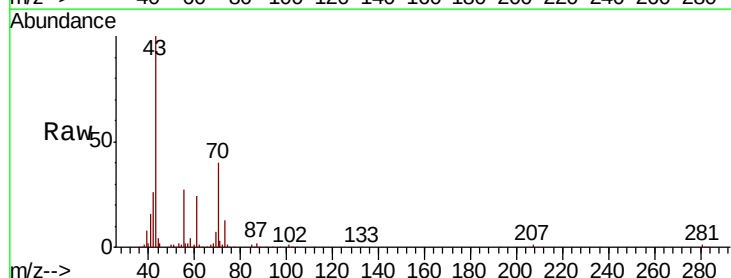
Ion Ratio Lower Upper

43 100

70 40.8 32.6 49.0

55 26.2 19.7 29.5

61 23.8 19.0 28.6



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

150000

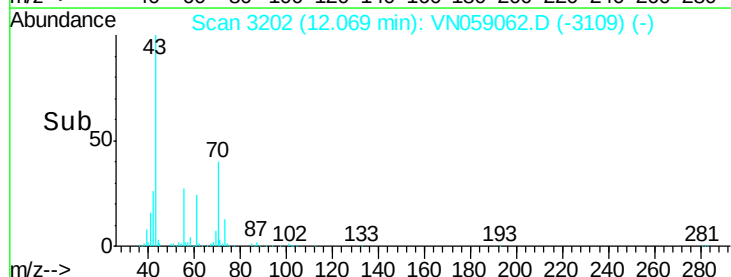
100000

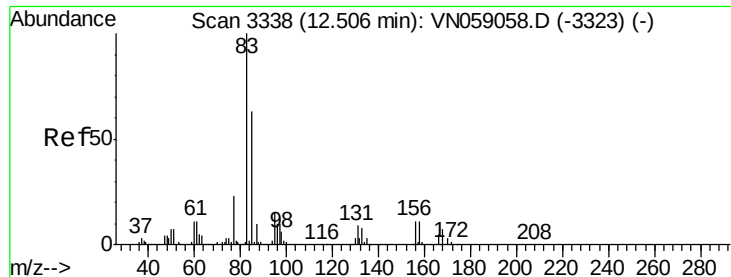
50000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.065 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampled :

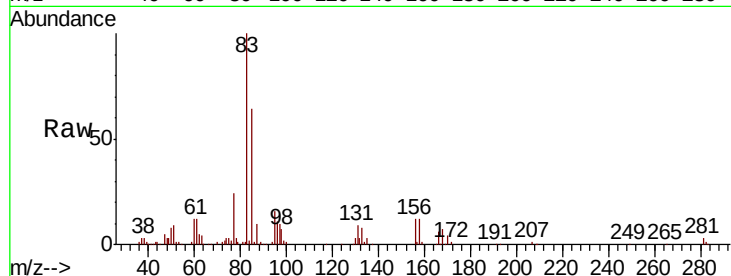
Tot Ion: 83 Resp: 132921

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

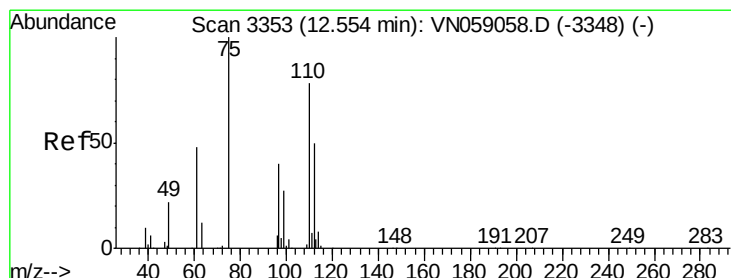
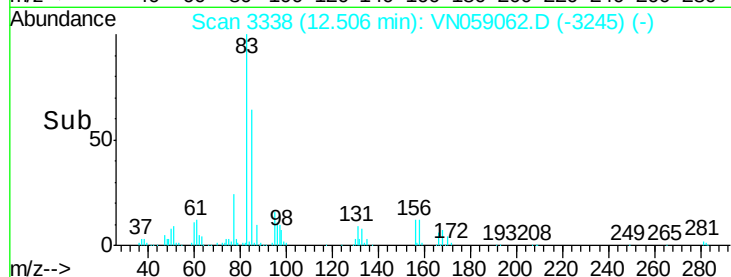
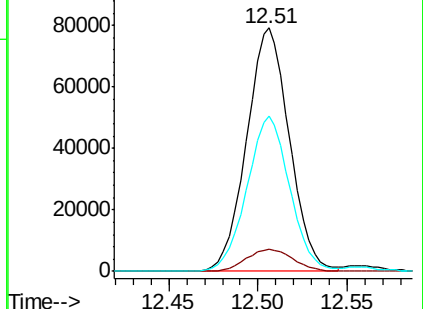
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN059062.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN059062.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN059062.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 31.020 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059062.D

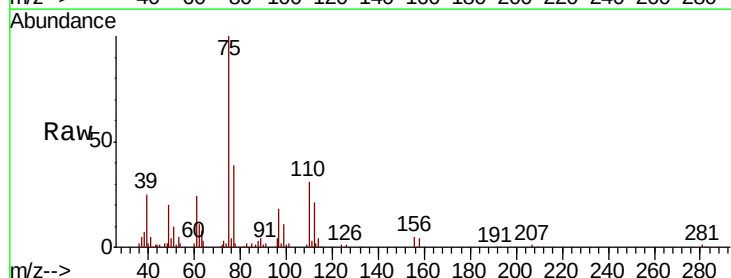
Acq: 1 Nov 2019 15:15

Tgt Ion: 75 Resp: 176749

Ion Ratio Lower Upper

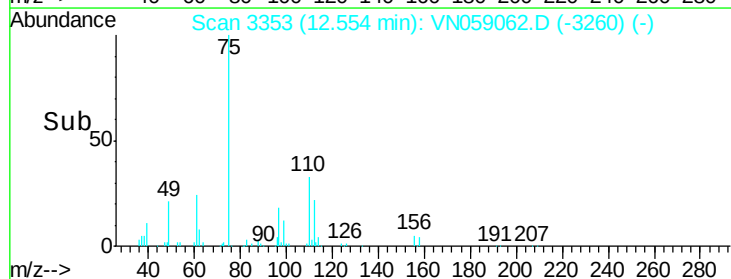
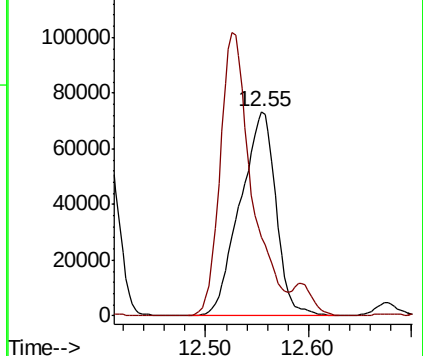
75 100

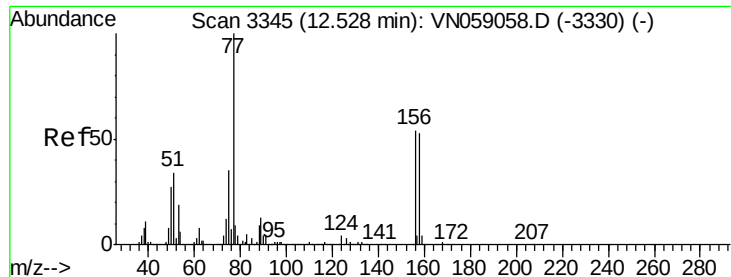
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059062.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059062.D (-3260) (-)





#77

Bromobenzene

Concen: 21.297 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampled :

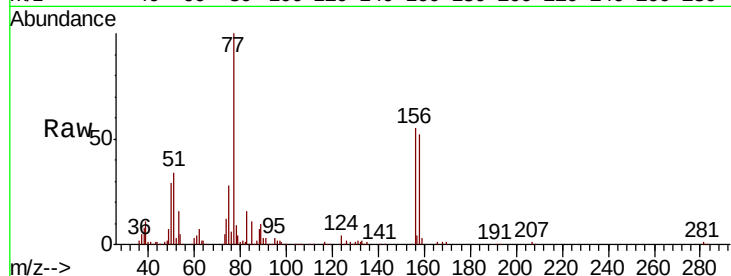
Tot Ion:156 Resp: 94327

Ion Ratio Lower Upper

156 100

77 230.0 114.2 342.6

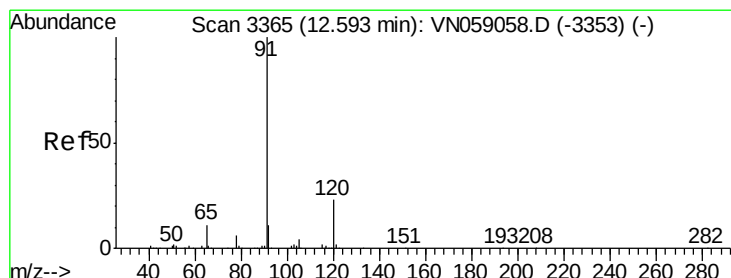
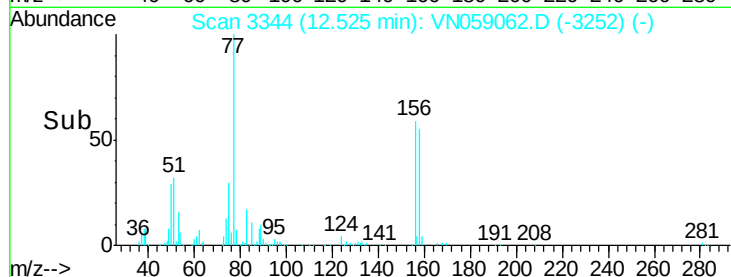
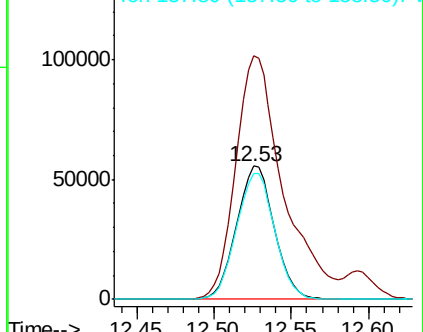
158 95.9 49.6 149.0



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: 21.930 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059062.D

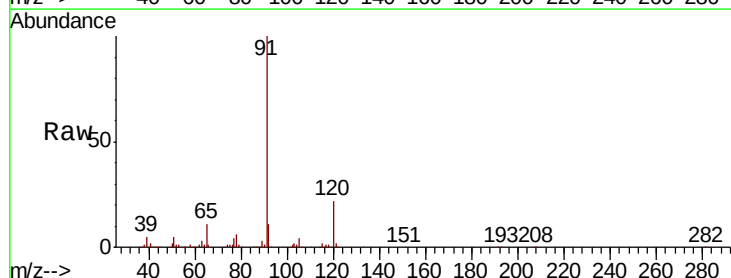
Acq: 1 Nov 2019 15:15

Tgt Ion: 91 Resp: 449921

Ion Ratio Lower Upper

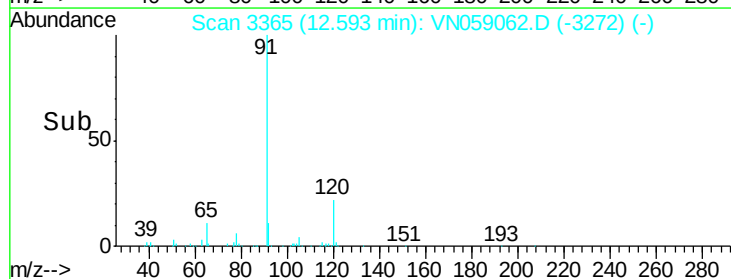
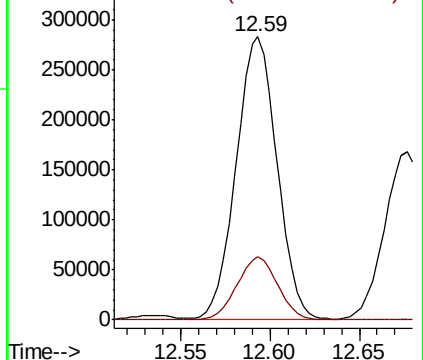
91 100

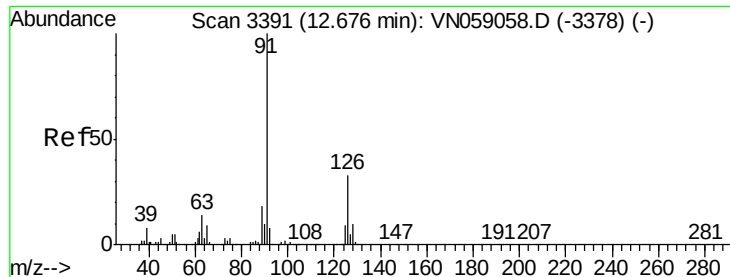
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

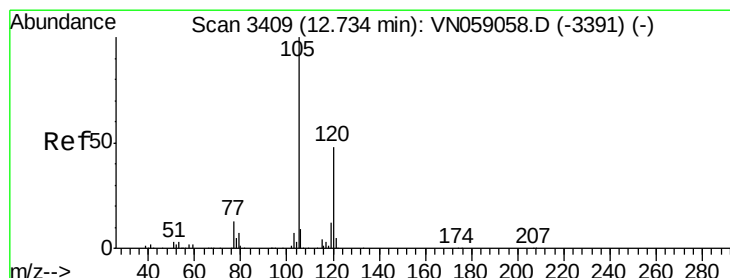
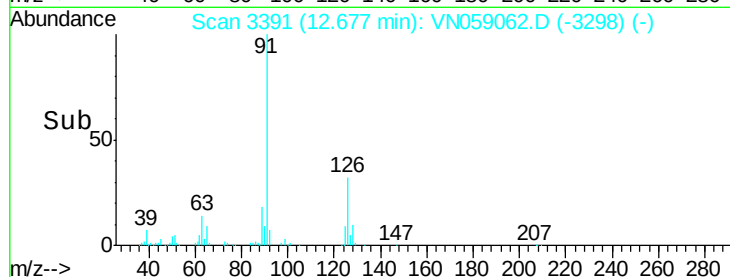
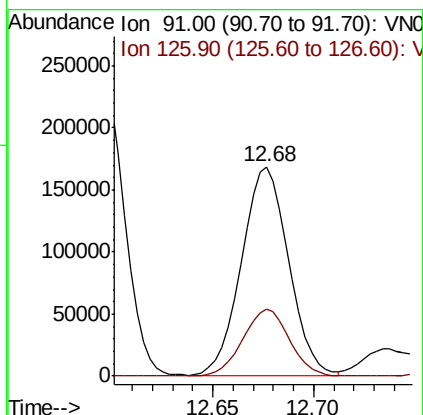
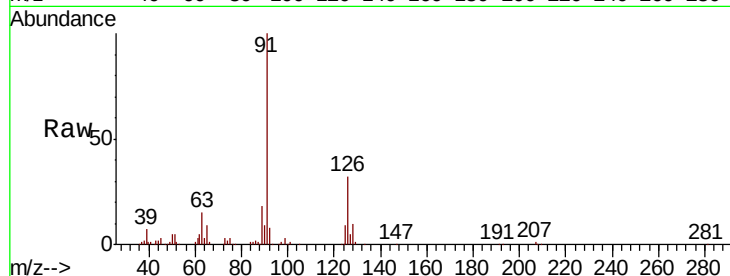




#79
2-Chlorotoluene
Concen: 21.555 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

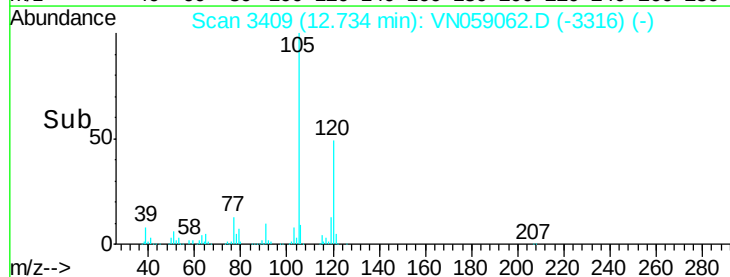
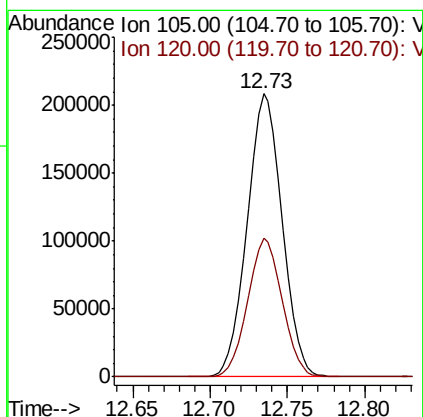
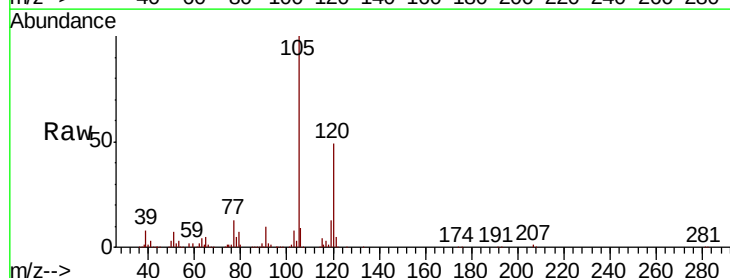
Instrument :
MSVOA_N
ClientSampled :

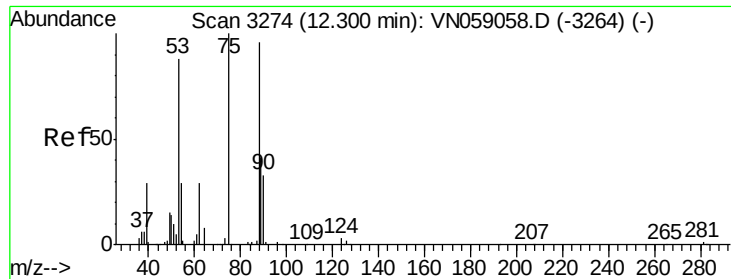
Tot Ion: 91 Resp: 274598
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 21.837 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion: 105 Resp: 328754
Ion Ratio Lower Upper
105 100
120 48.3 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.432 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampled :

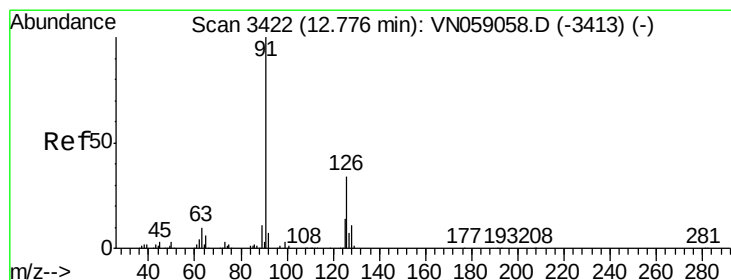
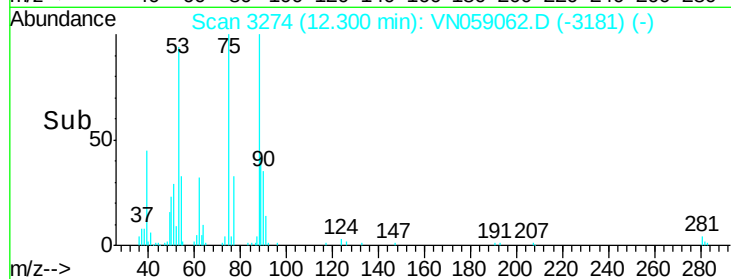
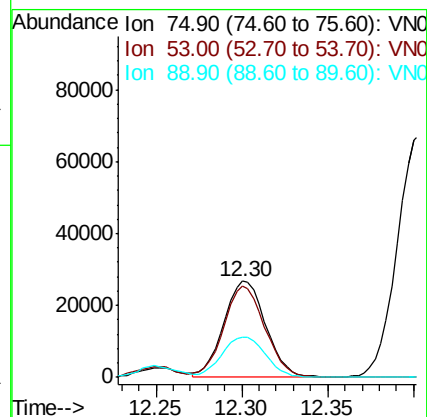
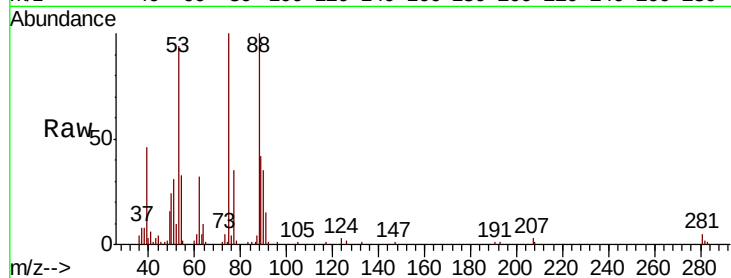
Tot Ion: 75 Resp: 45415

Ion Ratio Lower Upper

75 100

53 94.2 70.4 105.6

89 44.1 34.2 51.2



#82

4-Chlorotoluene

Concen: 21.289 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN059062.D

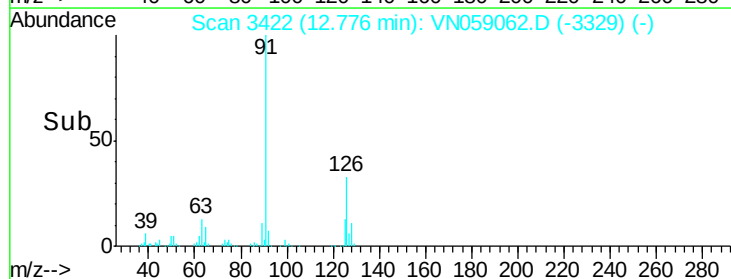
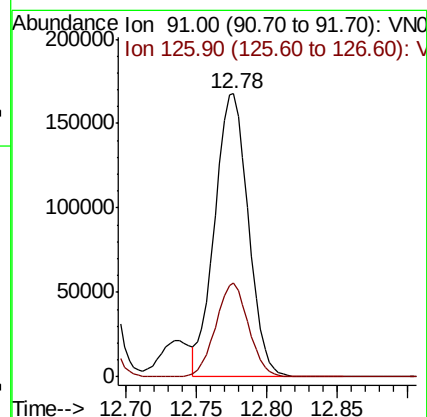
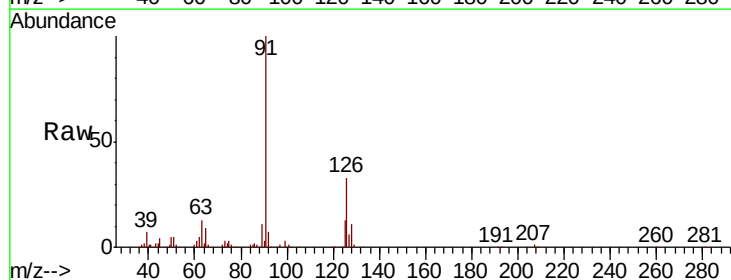
Acq: 1 Nov 2019 15:15

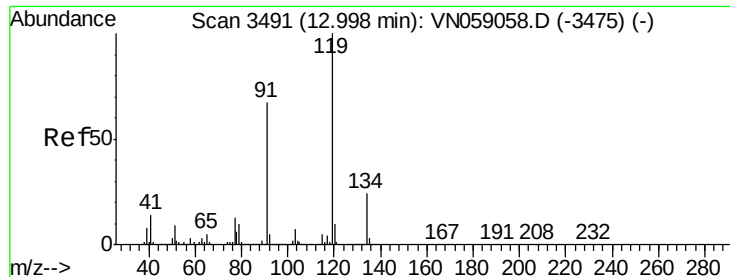
Tgt Ion: 91 Resp: 276789

Ion Ratio Lower Upper

91 100

126 32.4 16.0 47.9





#83

tert-Butylbenzene

Concen: 21.694 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampled :

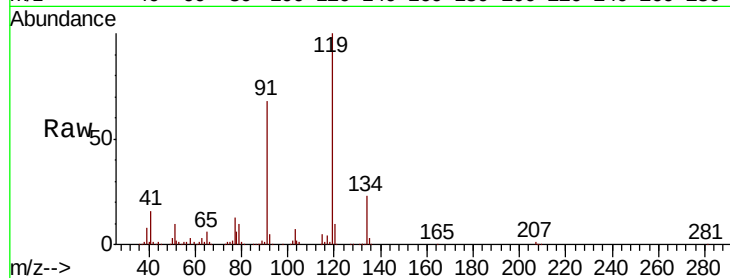
Tot Ion:119 Resp: 277441

Ion Ratio Lower Upper

119 100

91 67.1 33.7 101.0

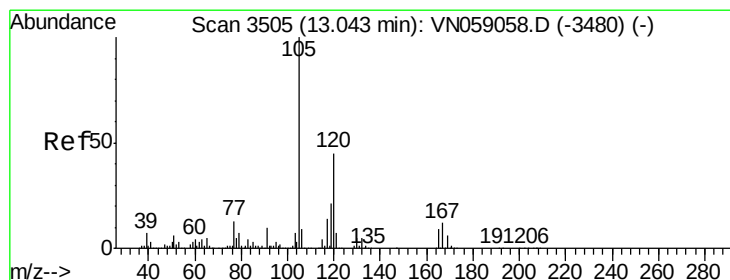
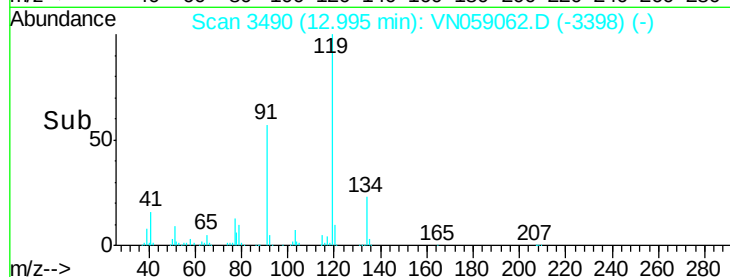
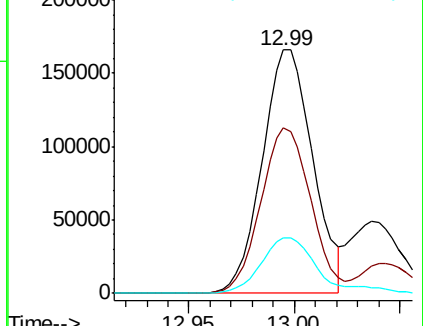
134 25.5 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.053 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059062.D

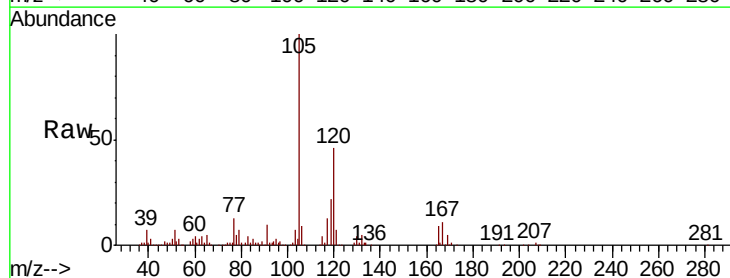
Acq: 1 Nov 2019 15:15

Tgt Ion:105 Resp: 322603

Ion Ratio Lower Upper

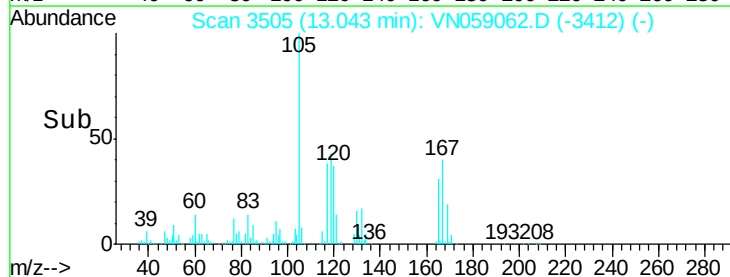
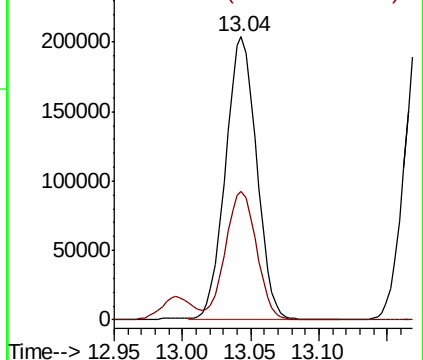
105 100

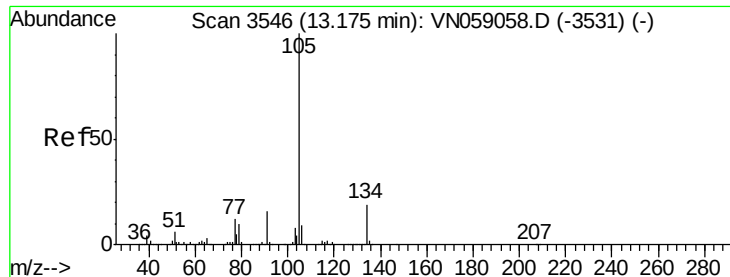
120 45.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.992 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

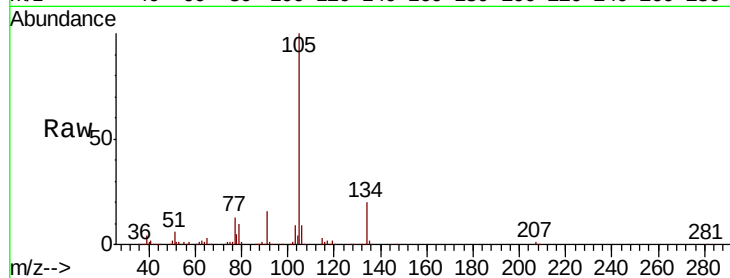
ClientSampled :

Tot Ion:105 Resp: 368610

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

250000

200000

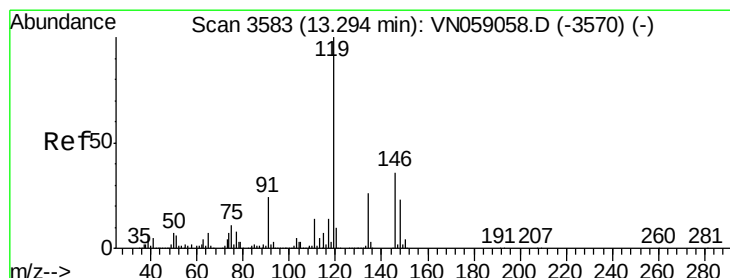
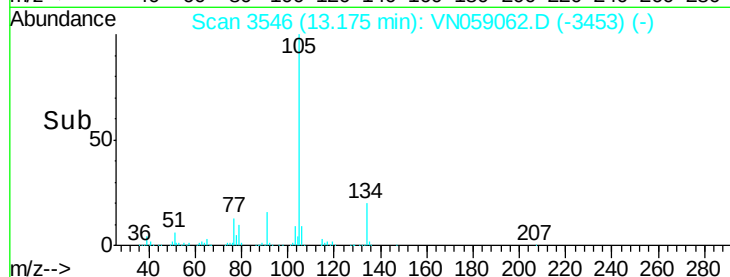
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.940 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

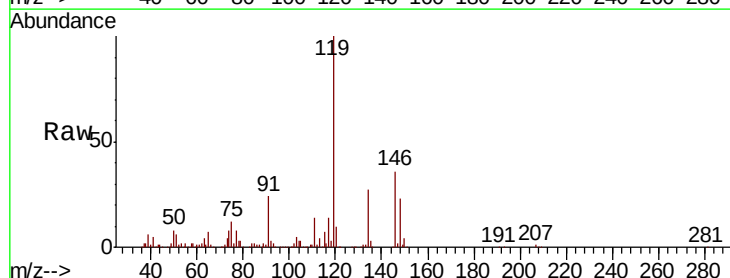
Tgt Ion:119 Resp: 331545

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.8 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

250000

200000

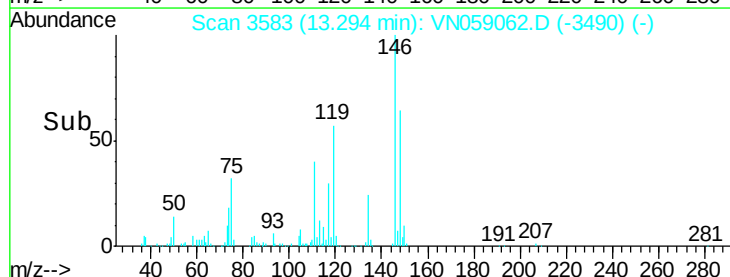
150000

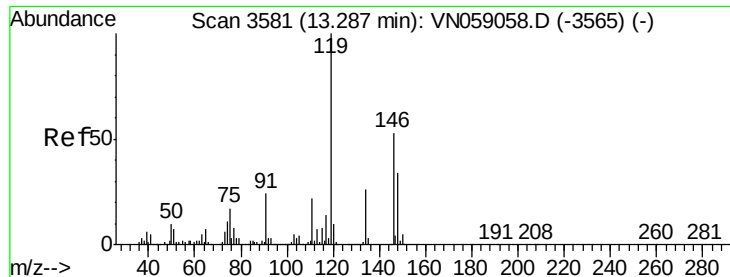
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.841 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampled :

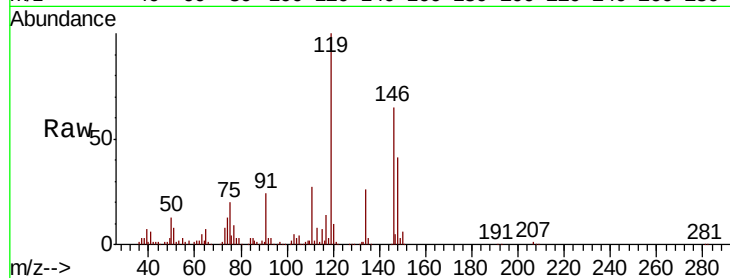
Tot Ion:146 Resp: 164014

Ion Ratio Lower Upper

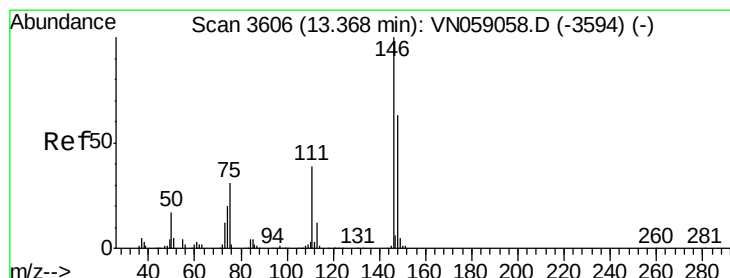
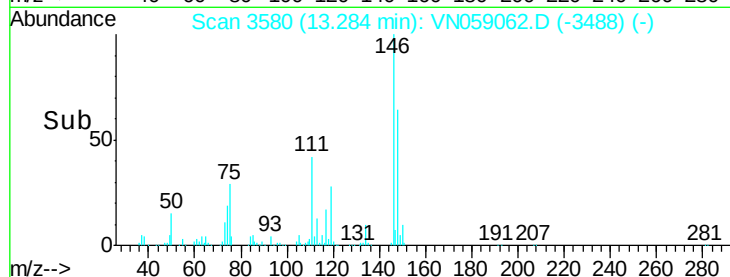
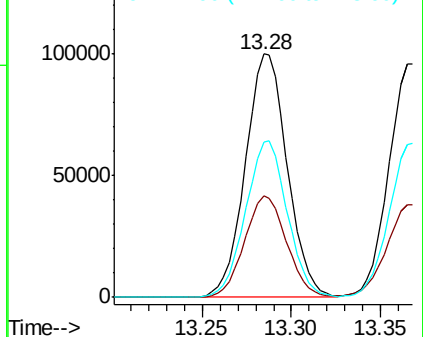
146 100

111 41.7 20.5 61.5

148 63.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.728 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

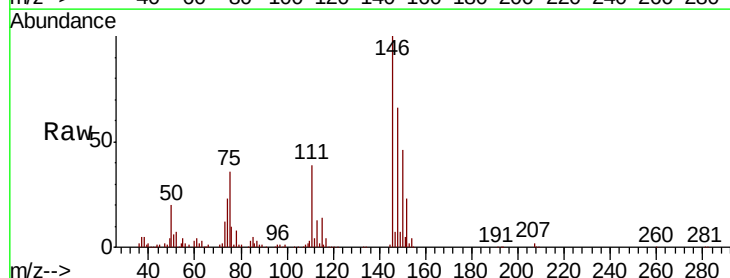
Tgt Ion:146 Resp: 161355

Ion Ratio Lower Upper

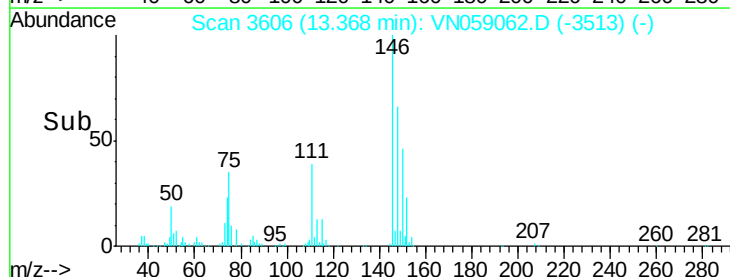
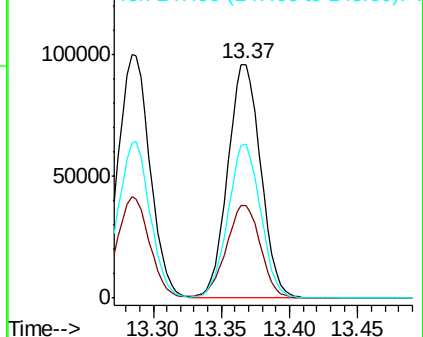
146 100

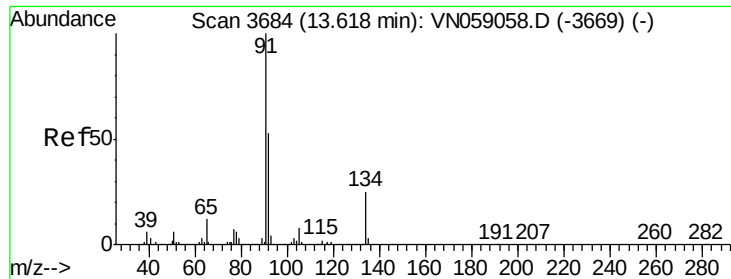
111 41.2 20.1 60.2

148 65.3 31.9 95.7



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

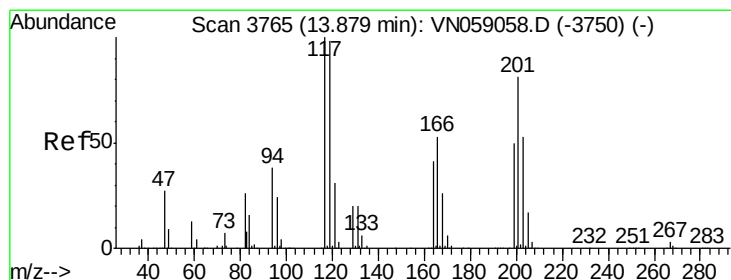
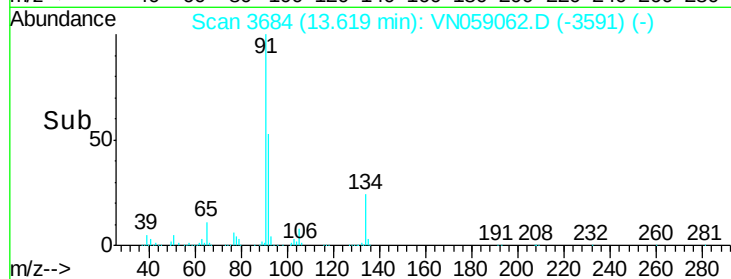
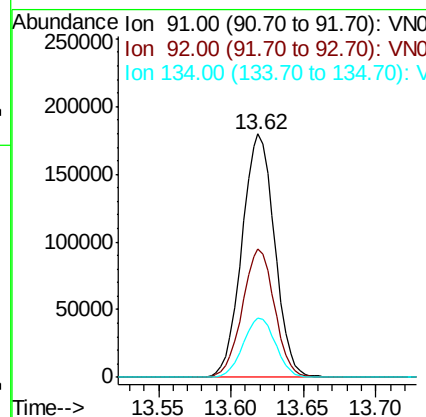
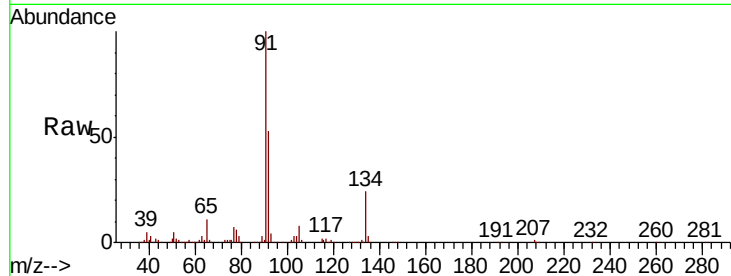




#89
n-Butylbenzene
Concen: 21.383 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

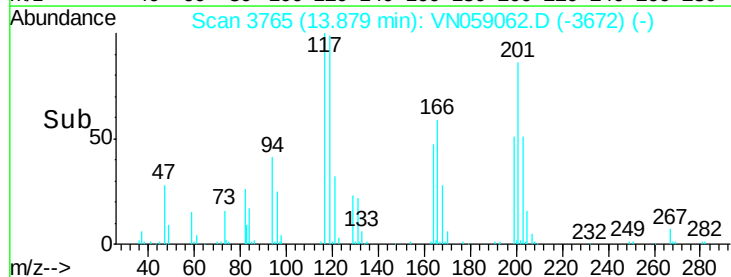
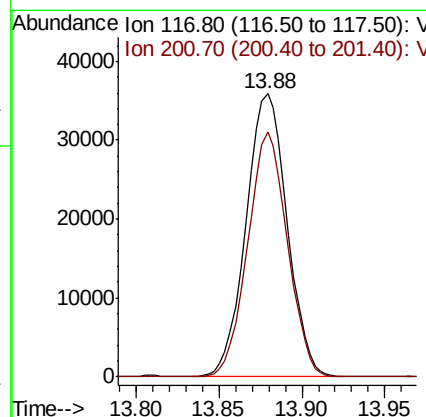
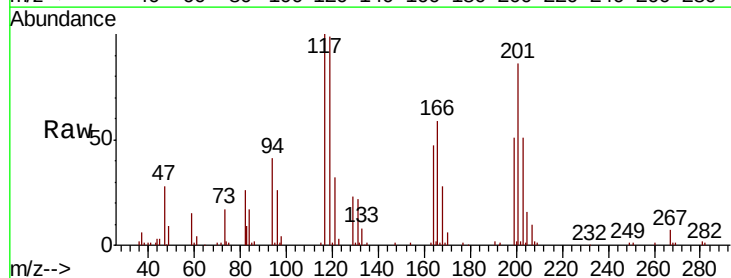
Instrument :
MSVOA_N
ClientSampled :

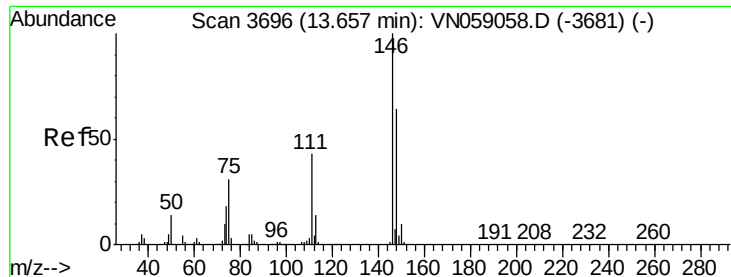
Tot Ion: 91 Resp: 281561
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 24.4 12.5 37.5



#90
Hexachloroethane
Concen: 20.615 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion: 117 Resp: 61926
Ion Ratio Lower Upper
117 100
201 83.1 40.7 122.1





#91

1,2-Dichlorobenzene

Concen: 21.033 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059062.D

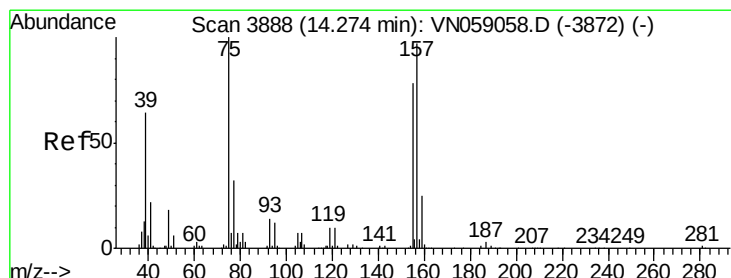
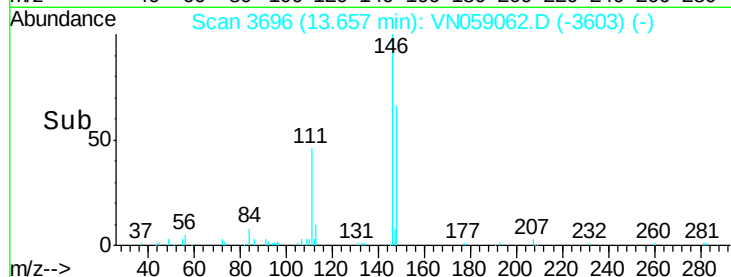
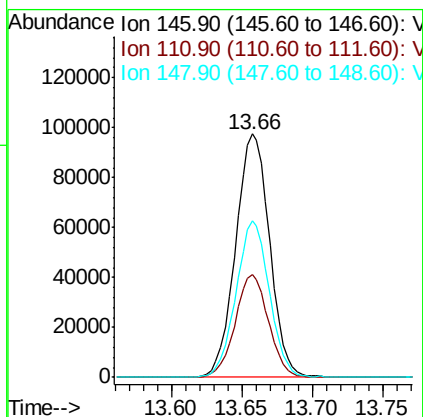
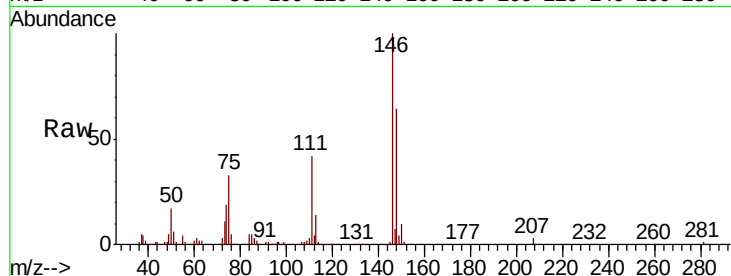
Acq: 1 Nov 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	164695
Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.2	63.6
148	63.1	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.560 ug/l

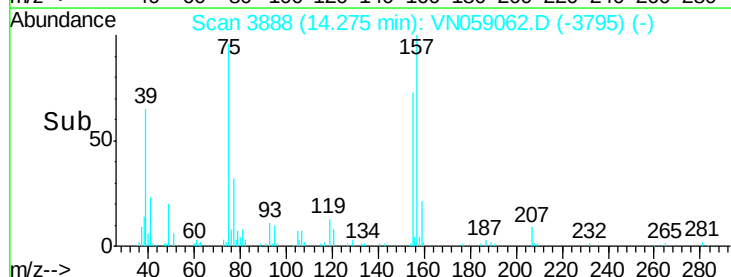
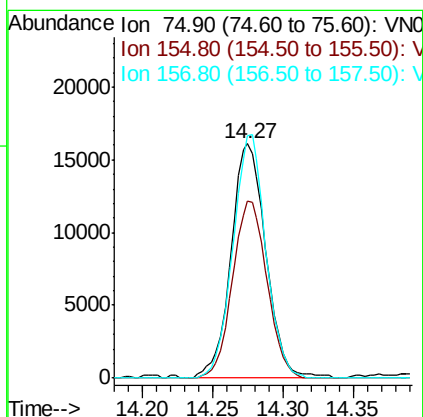
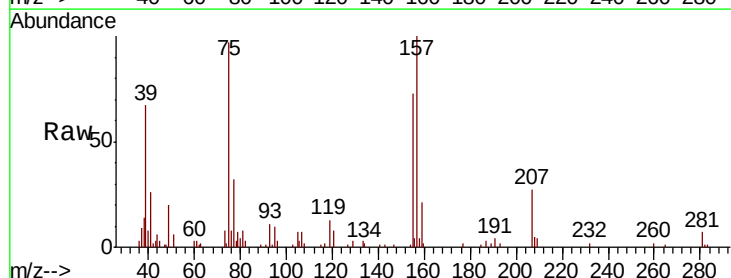
RT: 14.27 min Scan# 3888

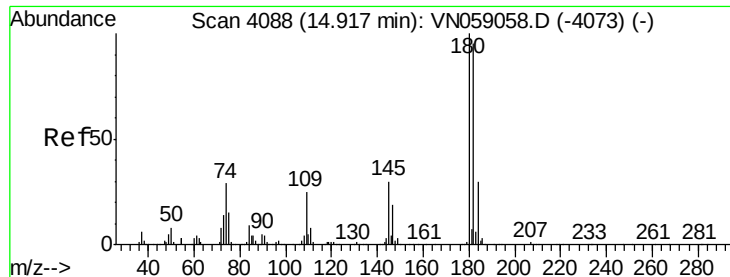
Delta R.T. 0.00 min

Lab File: VN059062.D

Acq: 1 Nov 2019 15:15

Tgt Ion:	75	Resp:	28023
Ion	Ratio	Lower	Upper
75	100		
155	74.3	39.7	119.1
157	97.1	51.0	153.0

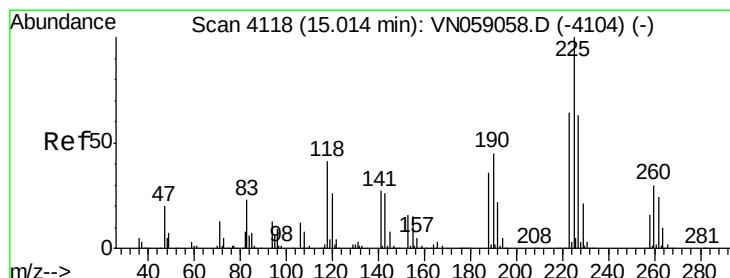
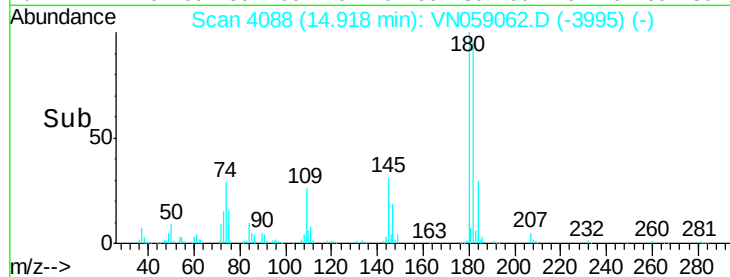
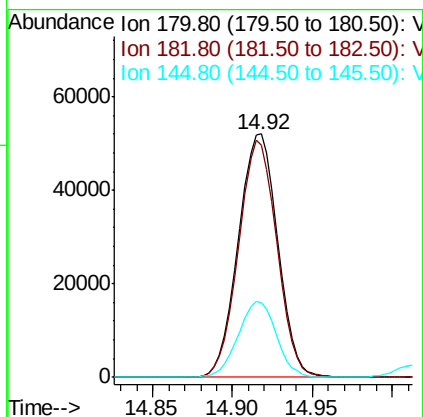
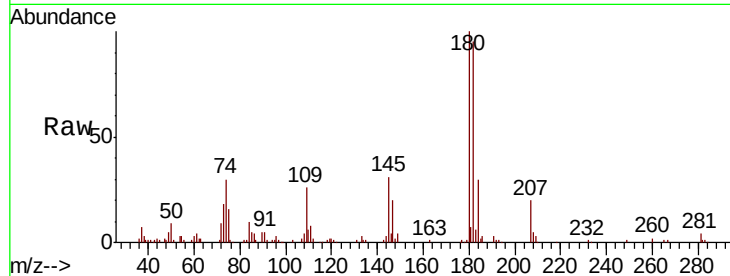




#93
 1,2,4-Trichlorobenzene
 Concen: 20.686 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

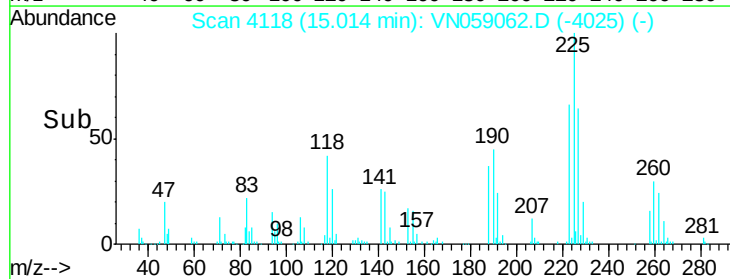
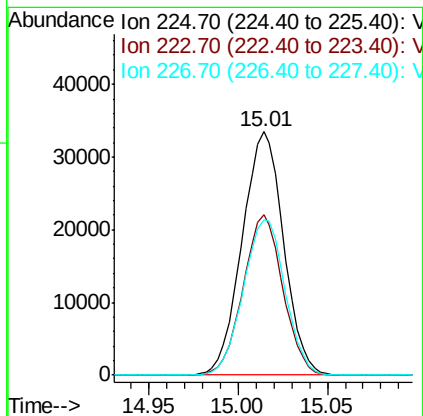
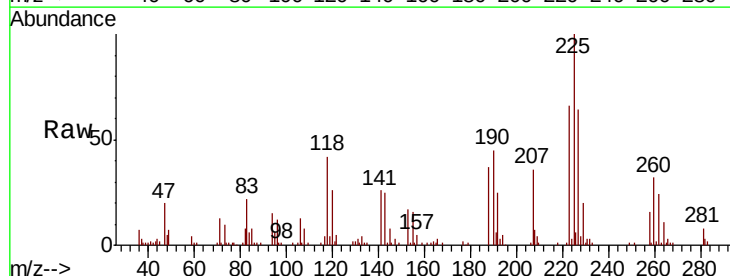
Instrument :
 MSVOA_N
 ClientSampleId :

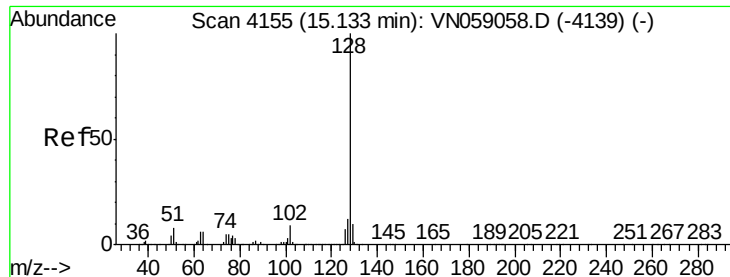
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.4
145	30.2	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 21.405 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059062.D
 Acq: 1 Nov 2019 15:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.6	95.0
227	64.4	31.9	95.7

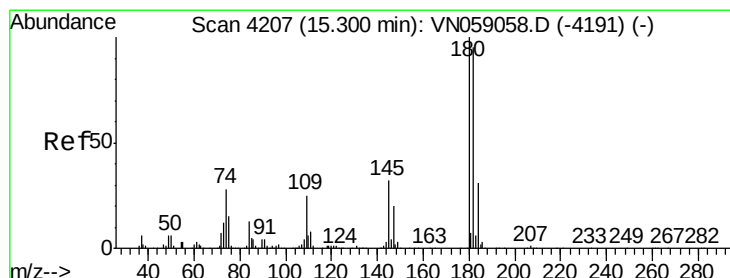
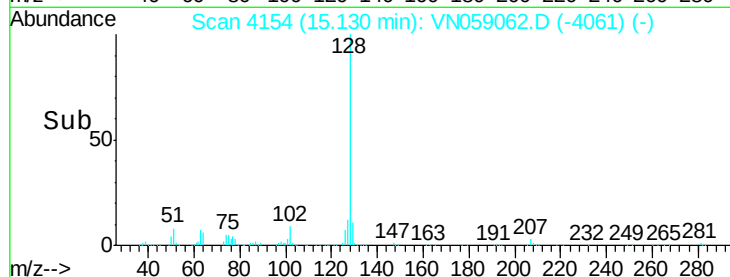
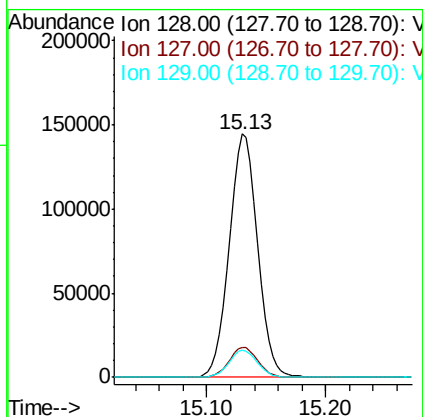
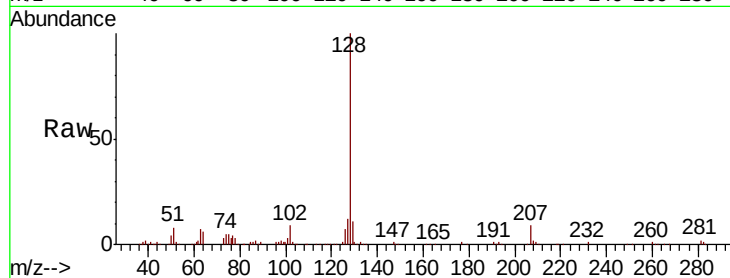




#95
Naphthalene
Concen: 20.029 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.9	14.9
129	11.1	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.709 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN059062.D
Acq: 1 Nov 2019 15:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.7	143.1
145	33.2	16.0	48.0

