

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059208.D
 Acq On : 13 Nov 2019 10:06
 Operator : JC/SP
 Sample : VN1113WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

Quant Time: Nov 22 04:01:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	398761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	623031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	572761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	257963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	242270	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.56	113	190272	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.08	98	716184	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.40	95	255936	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76208	18.968	ug/l	98
3) Chloromethane	2.04	50	101623	18.608	ug/l	99
4) Vinyl Chloride	2.17	62	103144	19.480	ug/l	100
5) Bromomethane	2.55	94	60636	19.900	ug/l	100
6) Chloroethane	2.68	64	61888	19.759	ug/l	96
7) Trichlorofluoromethane	3.00	101	130595	20.620	ug/l	98
8) Diethyl Ether	3.39	74	51004	19.820	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	76710	20.088	ug/l	100
10) Methyl Iodide	3.93	142	89473	18.929	ug/l	99
11) Tert butyl alcohol	4.75	59	91522	97.971	ug/l	99
12) 1,1-Dichloroethene	3.71	96	73027	19.632	ug/l	99
13) Acrolein	3.58	56	33420	69.388	ug/l	92
14) Allyl chloride	4.30	41	146831	19.216	ug/l	100
15) Acrylonitrile	4.95	53	238057	102.397	ug/l	99
16) Acetone	3.79	43	275902	108.238	ug/l	100
17) Carbon Disulfide	4.03	76	201164	17.421	ug/l	98
18) Methyl Acetate	4.30	43	127887	21.137	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	262833	20.523	ug/l	100
20) Methylene Chloride	4.52	84	88087	19.836	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	78573	19.678	ug/l	95
22) Diisopropyl ether	5.92	45	296086	20.515	ug/l	93
23) Vinyl Acetate	5.86	43	1207308	107.934	ug/l	100
24) 1,1-Dichloroethane	5.82	63	165153	20.488	ug/l	100
25) 2-Butanone	6.80	43	347027	103.298	ug/l	98
26) 2,2-Dichloropropane	6.80	77	141287	20.044	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	93463	20.176	ug/l	100
28) Bromochloromethane	7.17	49	49068	20.232	ug/l	98
29) Tetrahydrofuran	7.18	42	216052	101.214	ug/l	99
30) Chloroform	7.35	83	160026	20.695	ug/l	97
31) Cyclohexane	7.63	56	143020	18.741	ug/l	94
32) 1,1,1-Trichloroethane	7.54	97	134887	20.748	ug/l	99
36) 1,1-Dichloropropene	7.77	75	117726	20.216	ug/l	99
37) Ethyl Acetate	6.90	43	133936	20.674	ug/l	99
38) Carbon Tetrachloride	7.75	117	116982	20.182	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059208.D
 Acq On : 13 Nov 2019 10:06
 Operator : JC/SP
 Sample : VN1113WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

Quant Time: Nov 22 04:01:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	130162	19.258	ug/l	99
40) Benzene	8.02	78	354553	20.218	ug/l	99
41) Methacrylonitrile	7.15	41	57531	20.422	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	126025	20.953	ug/l	100
43) Isopropyl Acetate	8.14	43	206410	19.985	ug/l	100
44) Trichloroethene	8.82	130	87888	20.388	ug/l	94
45) 1,2-Dichloropropane	9.10	63	96543	20.268	ug/l	95
46) Dibromomethane	9.19	93	60823	20.491	ug/l	99
47) Bromodichloromethane	9.39	83	123220	20.789	ug/l	98
48) Methyl methacrylate	9.18	41	90457	19.580	ug/l	98
49) 1,4-Dioxane	9.18	88	32368	394.244	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	654035	111.915	ug/l	98
52) Toluene	10.14	92	214167	20.376	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	138144	20.174	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	148978	20.225	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	86898	20.428	ug/l	98
56) Ethyl methacrylate	10.42	69	125097	18.844	ug/l	100
57) 1,3-Dichloropropane	10.70	76	153583	20.977	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	247201	104.419	ug/l	100
59) 2-Hexanone	10.74	43	481020	107.237	ug/l	98
60) Dibromochloromethane	10.89	129	92514	20.570	ug/l	98
61) 1,2-Dibromoethane	11.00	107	87345	20.283	ug/l	100
64) Tetrachloroethene	10.62	164	78142	20.064	ug/l	98
65) Chlorobenzene	11.43	112	224656	20.121	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	85637	20.446	ug/l	98
67) Ethyl Benzene	11.51	91	399012	20.142	ug/l	98
68) m/p-Xylenes	11.62	106	300045	40.434	ug/l	98
69) o-Xylene	11.94	106	142550	19.878	ug/l	97
70) Styrene	11.96	104	222253	19.706	ug/l	99
71) Bromoform	12.12	173	65822	20.204	ug/l #	99
73) Isopropylbenzene	12.25	105	384382	20.485	ug/l	100
74) N-amyl acetate	12.07	43	154047	19.374	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	135920	21.270	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	176682	30.084	ug/l #	100
77) Bromobenzene	12.52	156	93015	19.730	ug/l	99
78) n-propylbenzene	12.59	91	441495	20.549	ug/l	100
79) 2-Chlorotoluene	12.67	91	266242	19.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	325400	20.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	43734	19.669	ug/l	97
82) 4-Chlorotoluene	12.77	91	267865	20.038	ug/l	99
83) tert-Butylbenzene	12.99	119	275087	20.034	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	316018	20.543	ug/l	99
85) sec-Butylbenzene	13.17	105	367184	20.562	ug/l	100
86) p-Isopropyltoluene	13.29	119	324937	20.608	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	162664	20.149	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	161850	20.038	ug/l	100
89) n-Butylbenzene	13.62	91	268250	19.438	ug/l	100
90) Hexachloroethane	13.88	117	62706	19.805	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	159863	20.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25506	20.022	ug/l	97

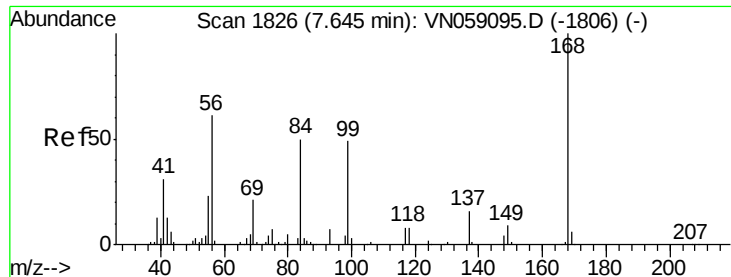
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
Data File : VN059208.D
Acq On : 13 Nov 2019 10:06
Operator : JC/SP
Sample : VN1113WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Quant Time: Nov 22 04:01:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	80679	18.771	ug/l	100
94) Hexachlorobutadiene	15.01	225	55626	20.315	ug/l	97
95) Naphthalene	15.13	128	210617	17.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	85890	19.299	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

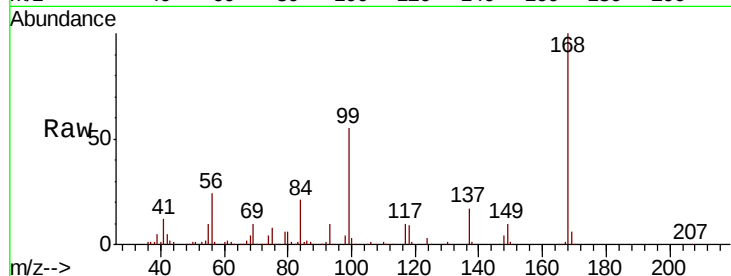
VN1113WBS01

Tot Ion:168 Resp: 398761

Ion Ratio Lower Upper

168 100

99 55.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

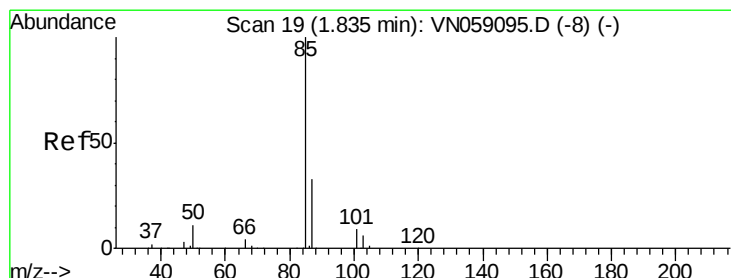
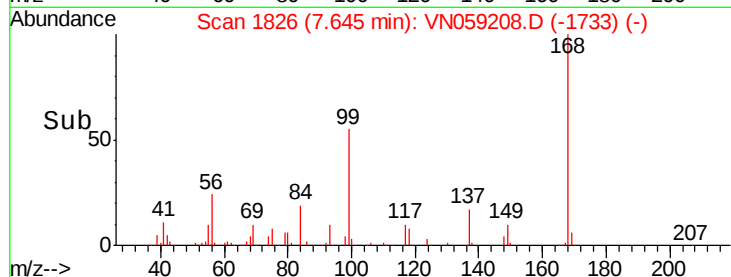
100000

50000

0

Time-->

7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.968 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059208.D

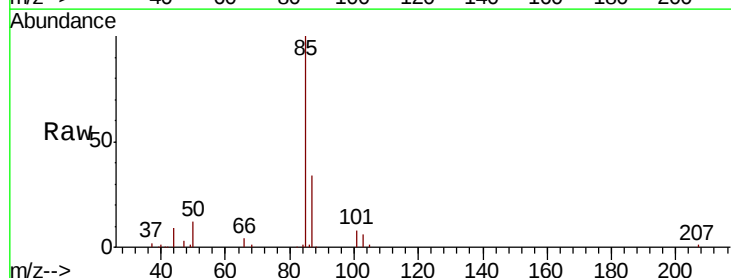
Acq: 13 Nov 2019 10:06

Tgt Ion: 85 Resp: 76208

Ion Ratio Lower Upper

85 100

87 33.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

30000

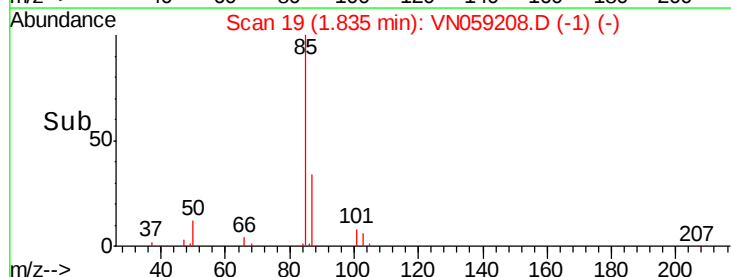
20000

10000

0

Time-->

1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 18.608 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

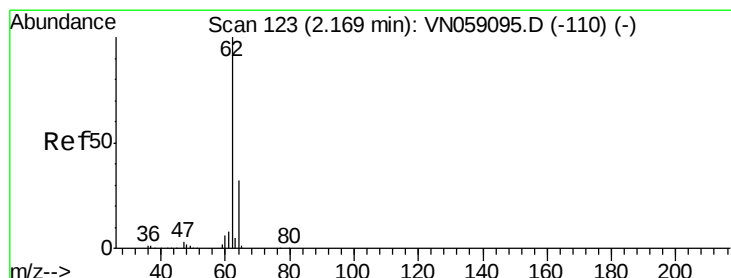
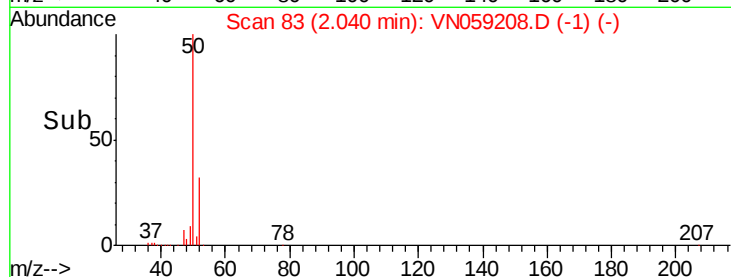
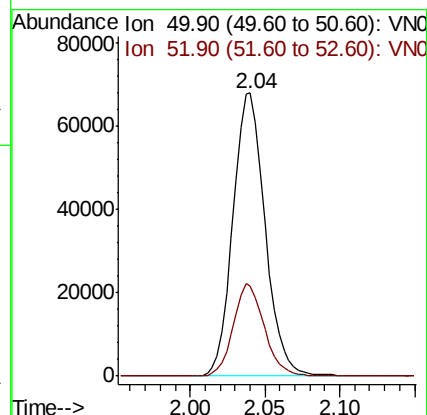
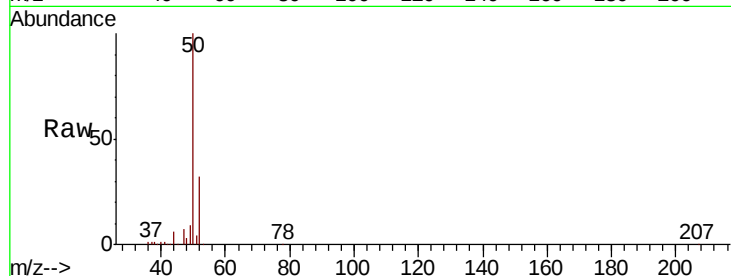
VN1113WBS01

Tot Ion: 50 Resp: 101623

Ion Ratio Lower Upper

50 100

52 31.9 26.0 39.0



#4

Vinyl Chloride

Concen: 19.480 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059208.D

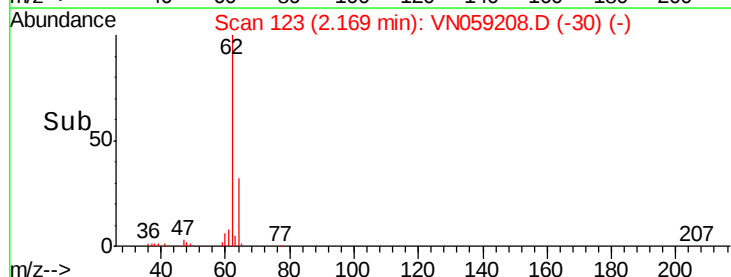
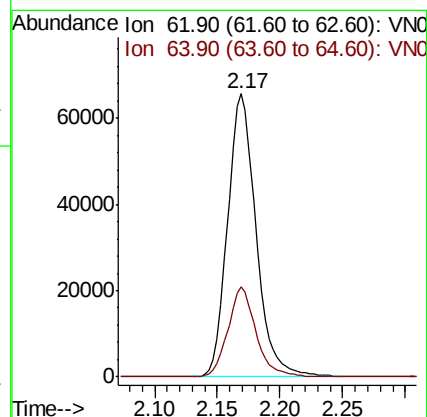
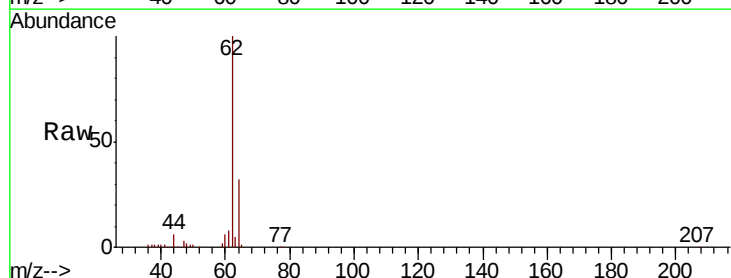
Acq: 13 Nov 2019 10:06

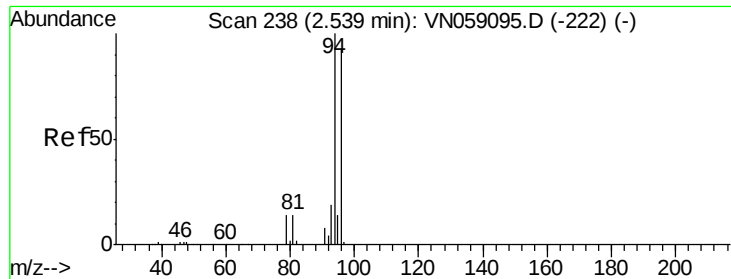
Tgt Ion: 62 Resp: 103144

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 19.900 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

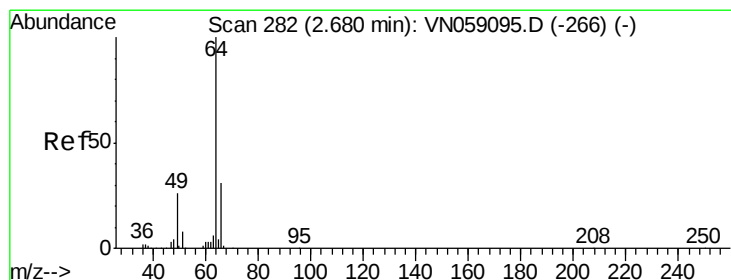
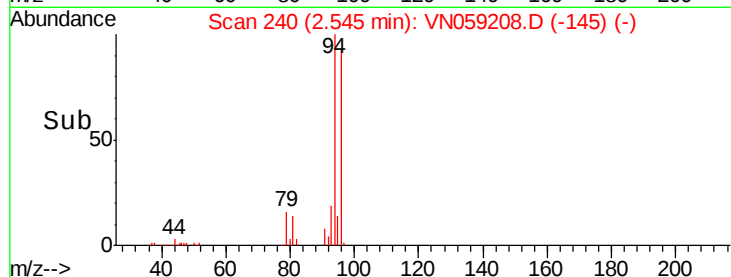
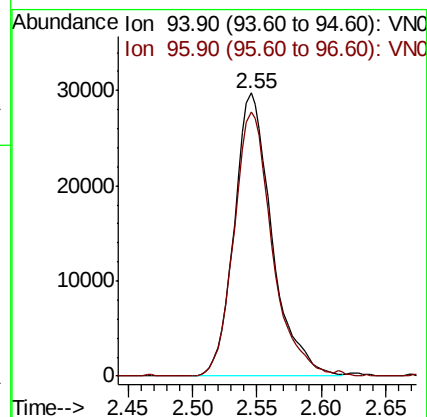
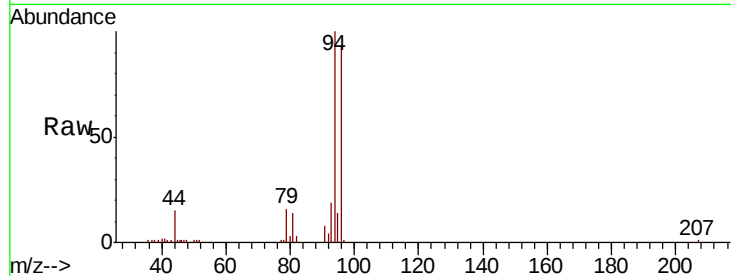
VN1113WBS01

Tot Ion: 94 Resp: 60636

Ion Ratio Lower Upper

94 100

96 93.1 74.2 111.2



#6

Chloroethane

Concen: 19.759 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059208.D

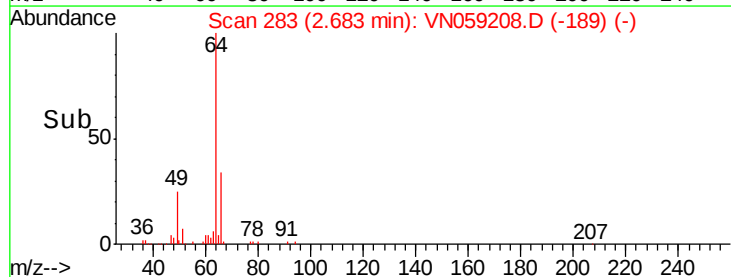
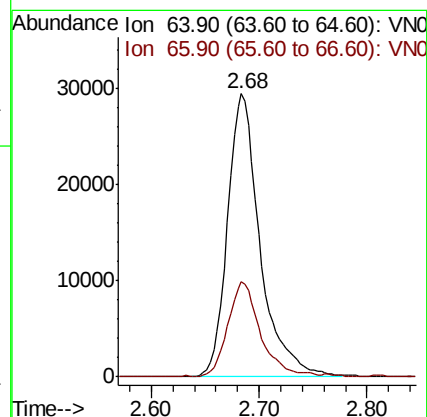
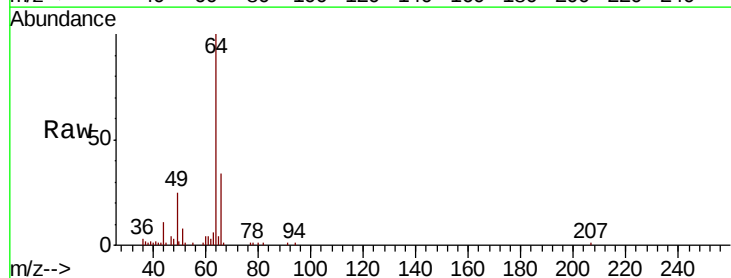
Acq: 13 Nov 2019 10:06

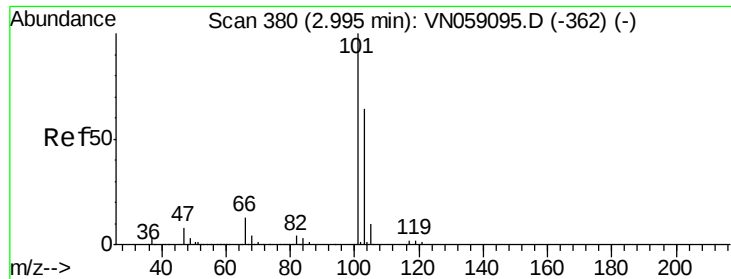
Tgt Ion: 64 Resp: 61888

Ion Ratio Lower Upper

64 100

66 33.5 25.2 37.8



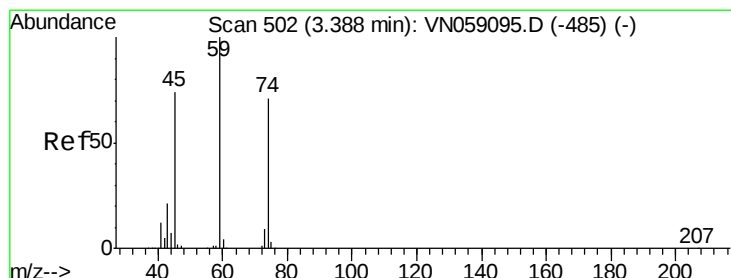
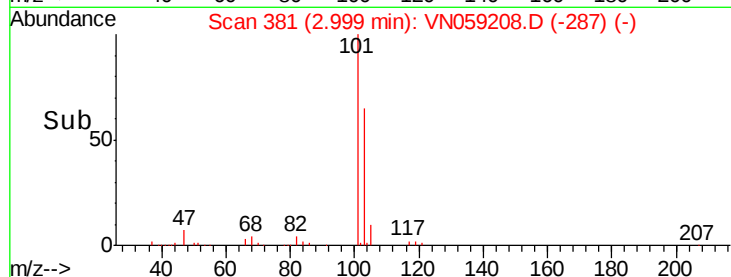
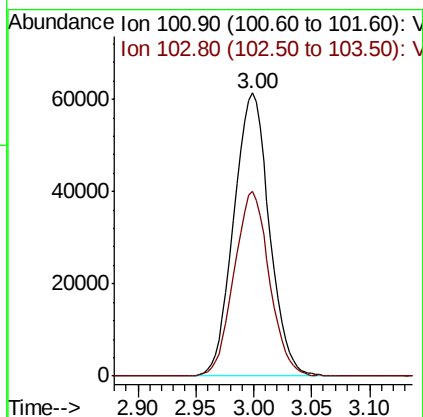
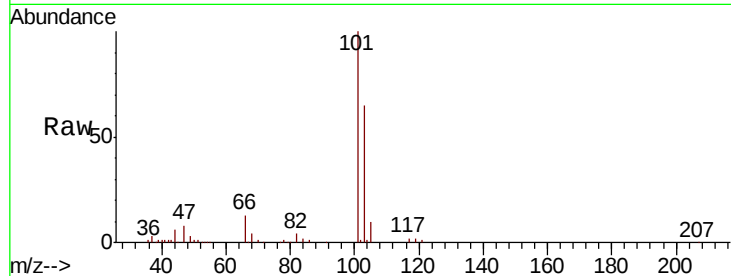


#7

Trichlorofluoromethane
 Concen: 20.620 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

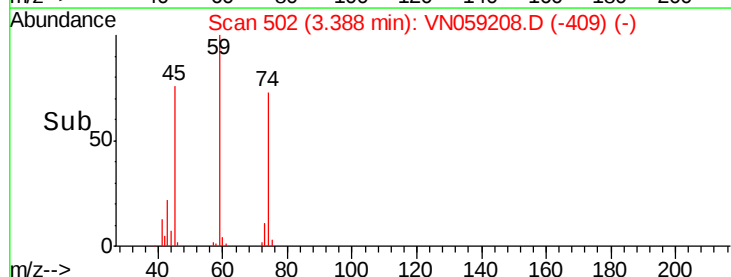
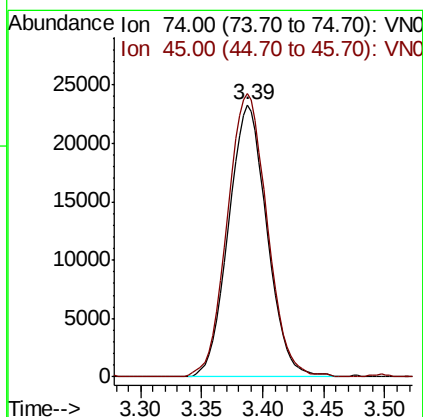
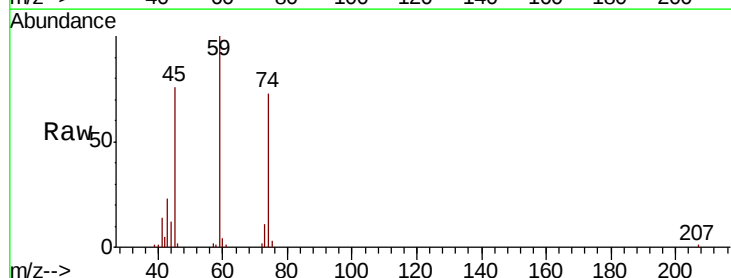
Tot Ion:101 Resp: 130595
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.2 76.8



#8

Diethyl Ether
 Concen: 19.820 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

Tgt Ion: 74 Resp: 51004
 Ion Ratio Lower Upper
 74 100
 45 108.0 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.088 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

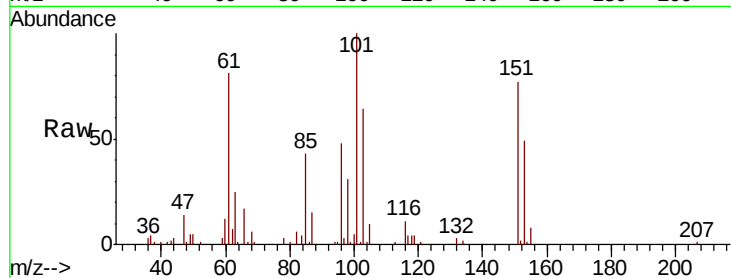
Tot Ion:101 Resp: 76710

Ion Ratio Lower Upper

101 100

85 44.3 35.5 53.3

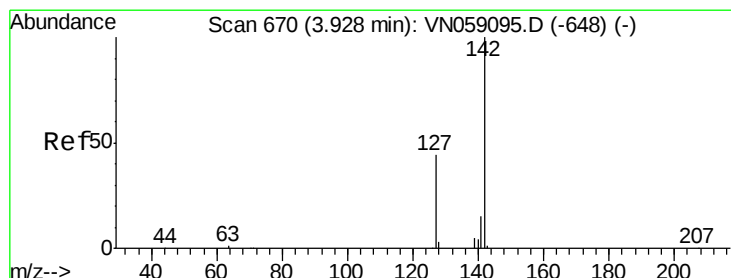
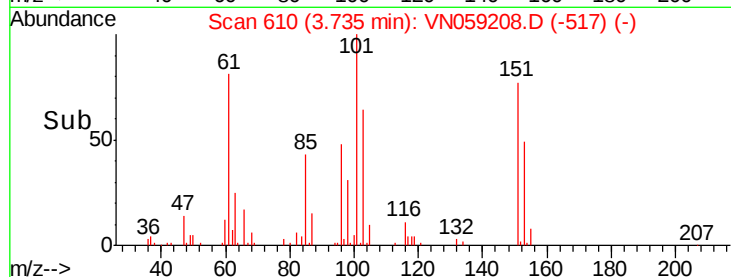
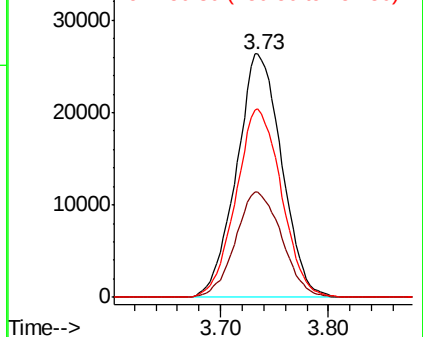
151 77.9 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.929 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

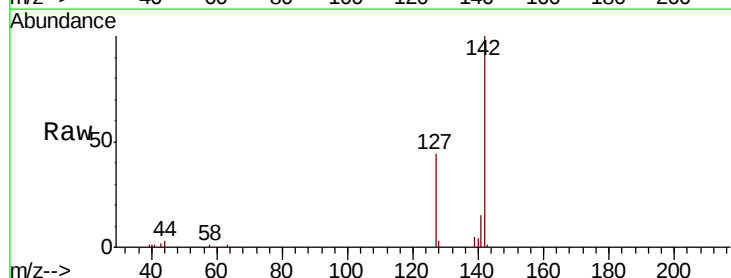
Tgt Ion:142 Resp: 89473

Ion Ratio Lower Upper

142 100

127 43.4 34.2 51.2

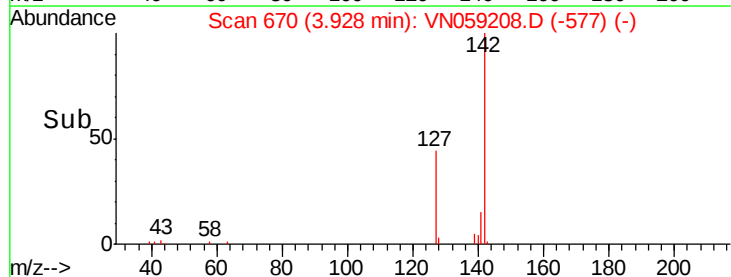
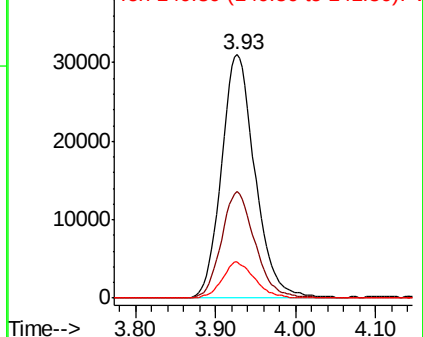
141 14.3 11.4 17.0

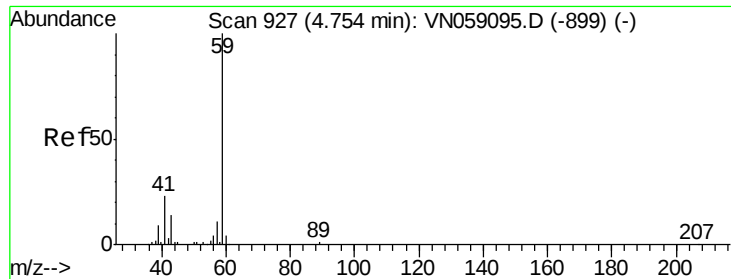


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

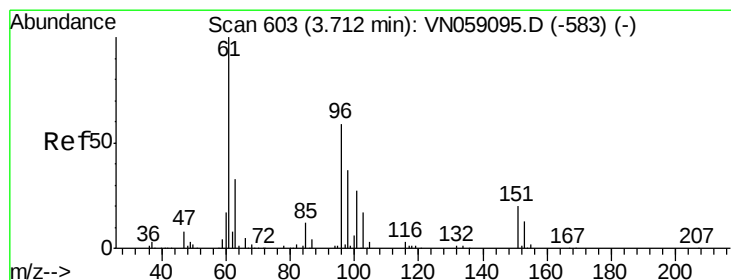
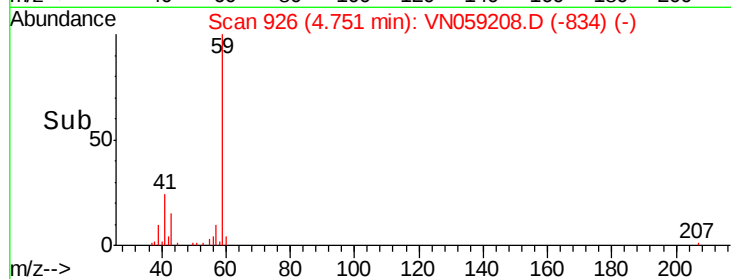
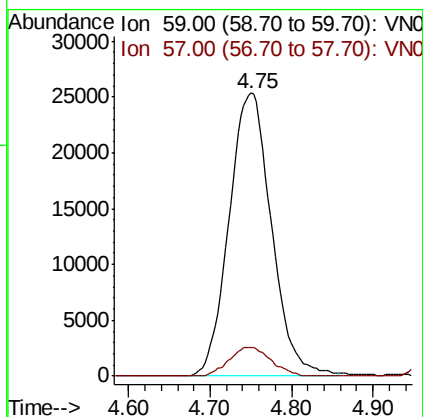
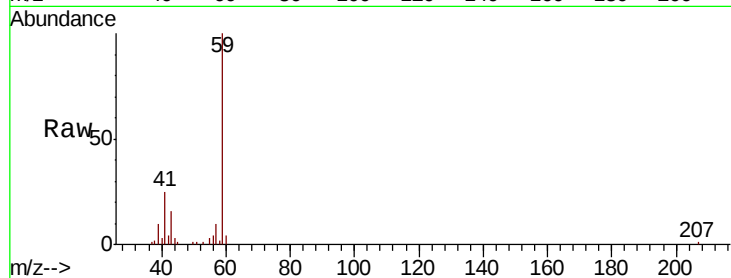




#11
Tert butyl alcohol
Concen: 97.971 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

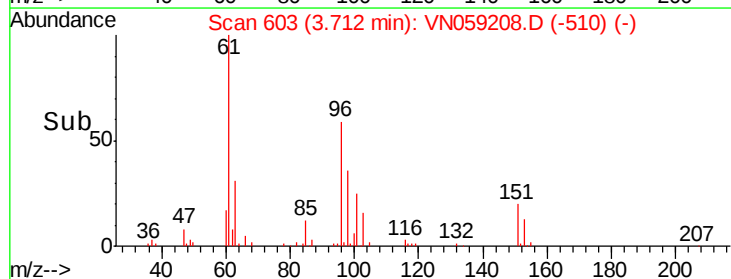
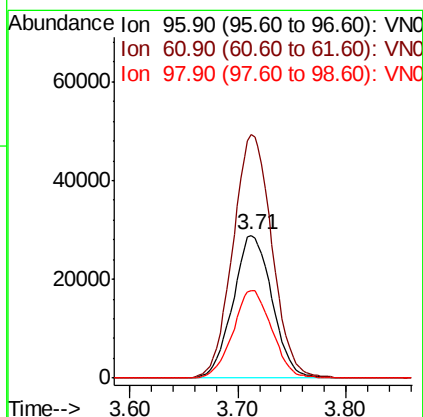
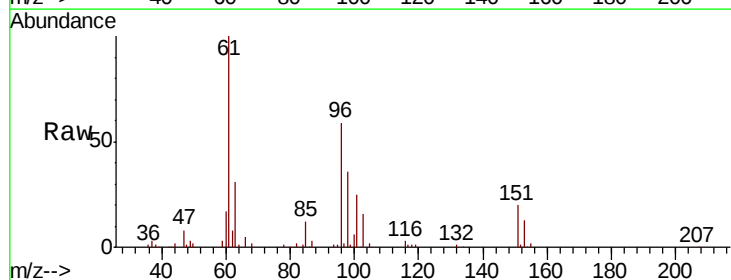
Instrument :
MSVOA_N
ClientSampled :
VN1113WBS01

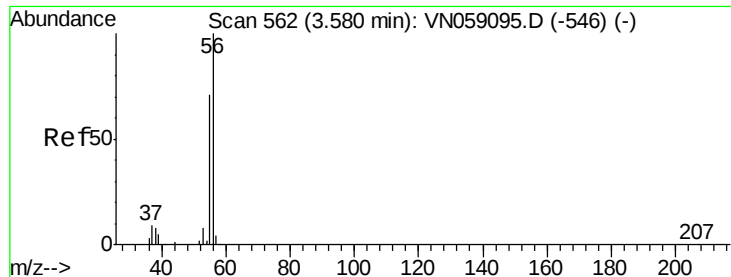
Tot Ion: 59 Resp: 91522
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.632 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion: 96 Resp: 73027
Ion Ratio Lower Upper
96 100
61 170.3 136.5 204.7
98 61.5 50.2 75.4





#13

Acrolein

Concen: 69.388 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

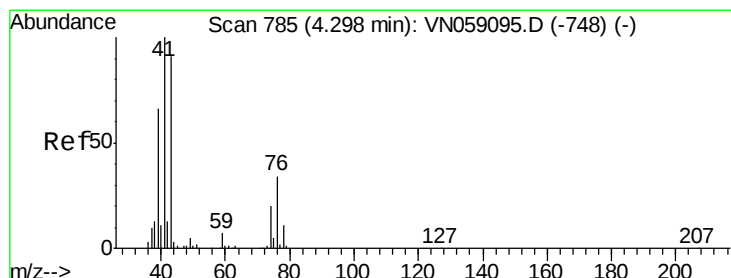
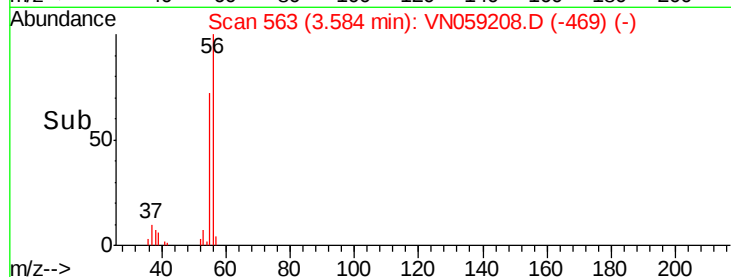
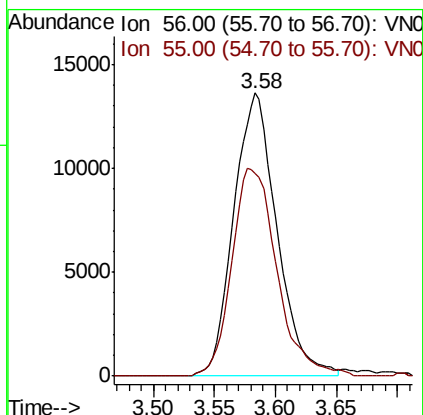
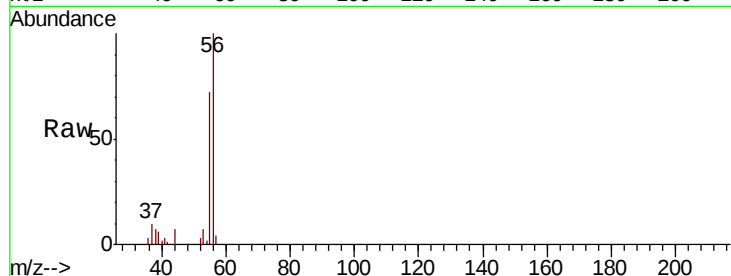
VN1113WBS01

Tot Ion: 56 Resp: 33420

Ion Ratio Lower Upper

56 100

55 76.8 56.4 84.6



#14

Allyl chloride

Concen: 19.216 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

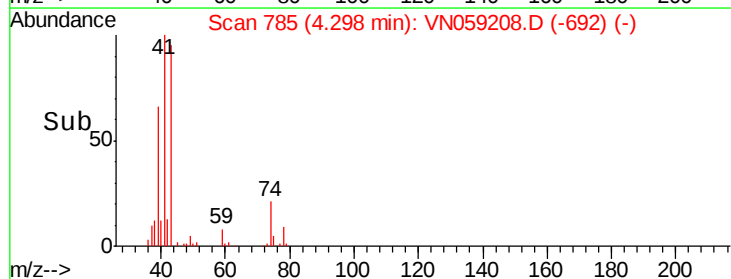
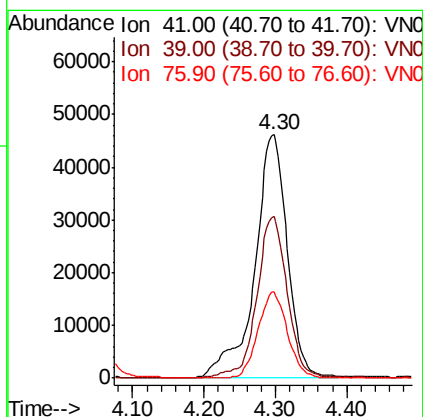
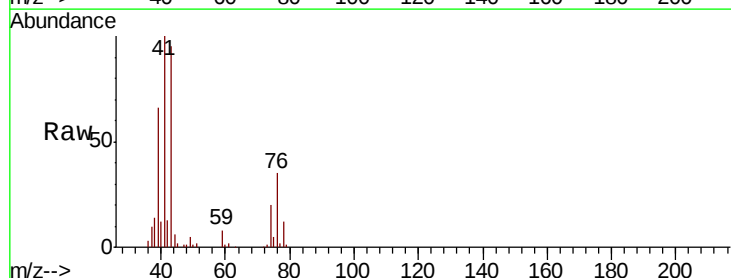
Tgt Ion: 41 Resp: 146831

Ion Ratio Lower Upper

41 100

39 61.4 49.1 73.7

76 31.5 24.9 37.3





#15

Acrylonitrile

Concen: 102.397 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

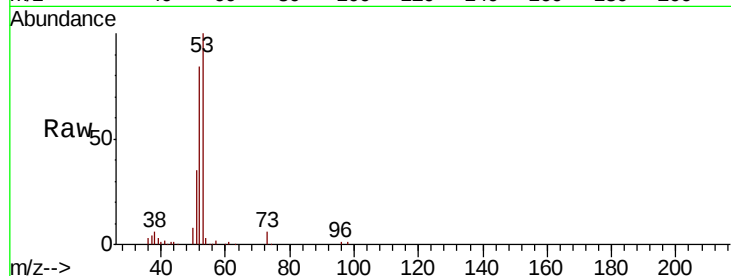
Tot Ion: 53 Resp: 238057

Ion Ratio Lower Upper

53 100

52 82.7 65.0 97.6

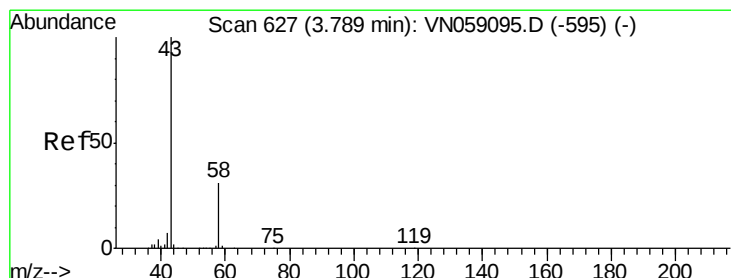
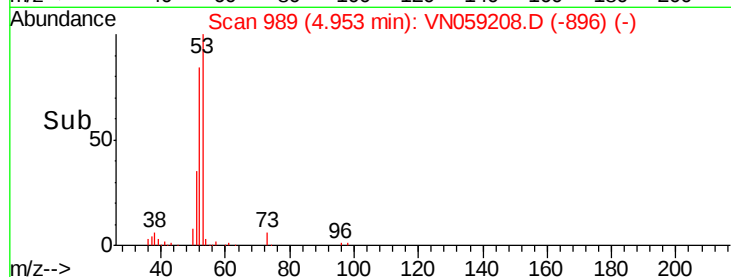
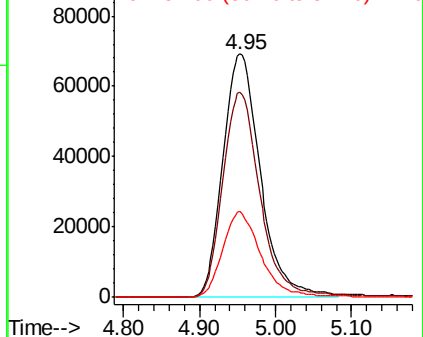
51 35.7 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN059208.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059208.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059208.D (-966) (-)



#16

Acetone

Concen: 108.238 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059208.D

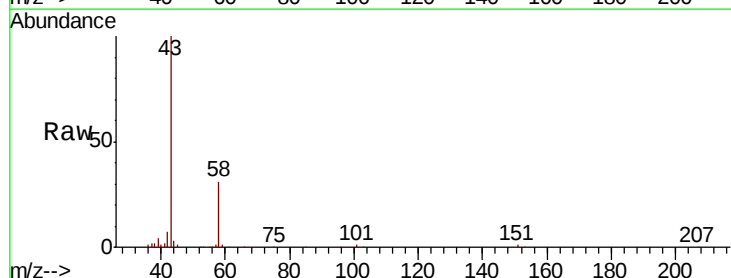
Acq: 13 Nov 2019 10:06

Tgt Ion: 43 Resp: 275902

Ion Ratio Lower Upper

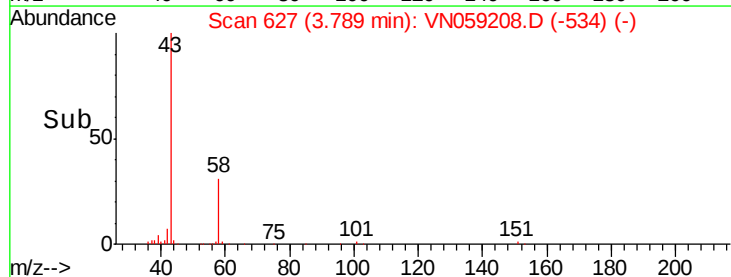
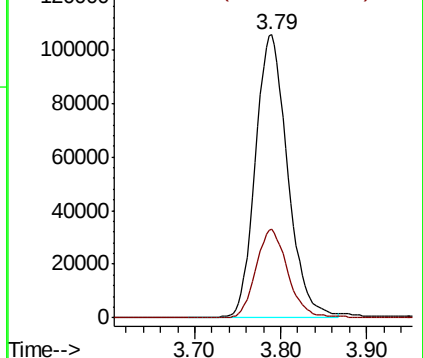
43 100

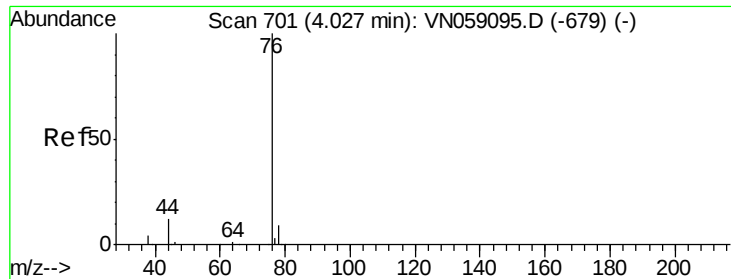
58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059208.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059208.D (-534) (-)

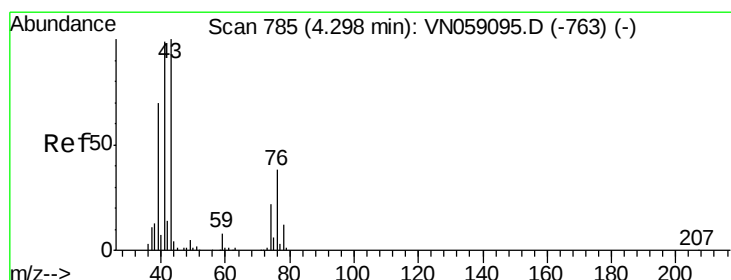
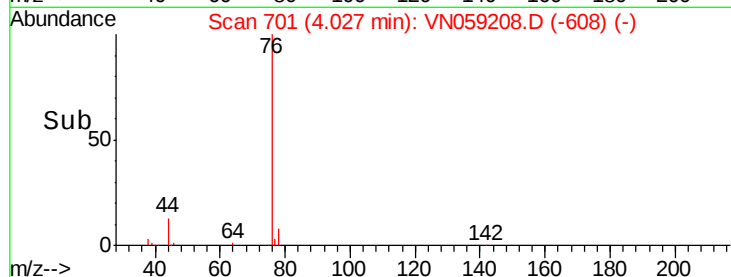
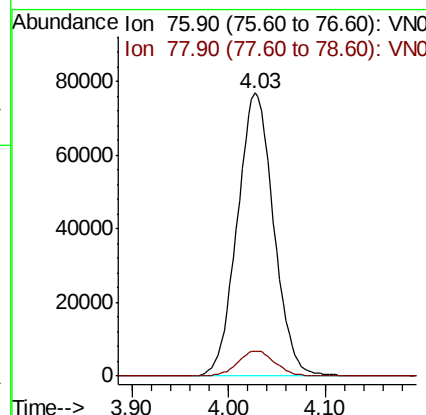
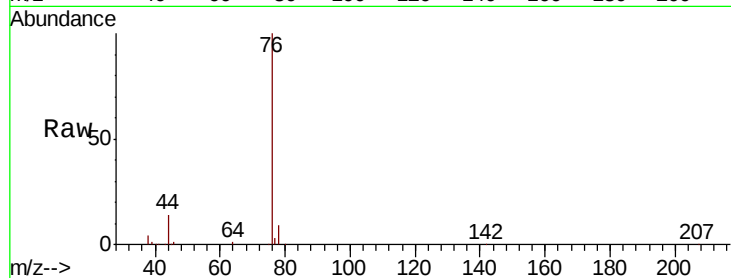




#17
Carbon Disulfide
Concen: 17.421 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

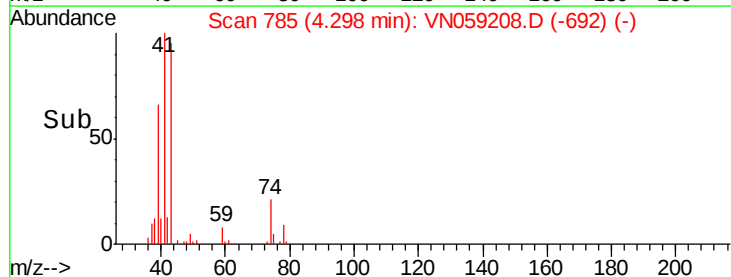
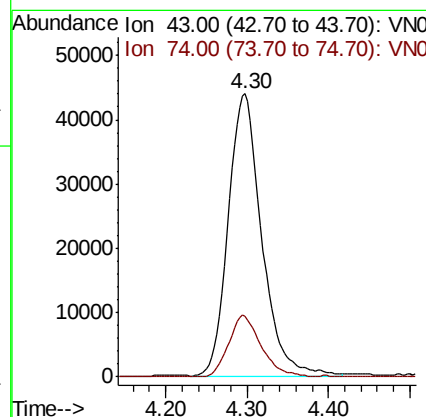
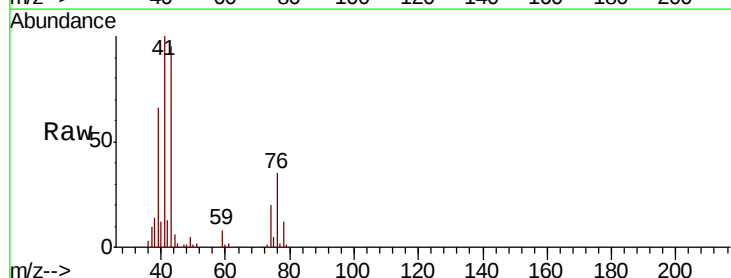
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

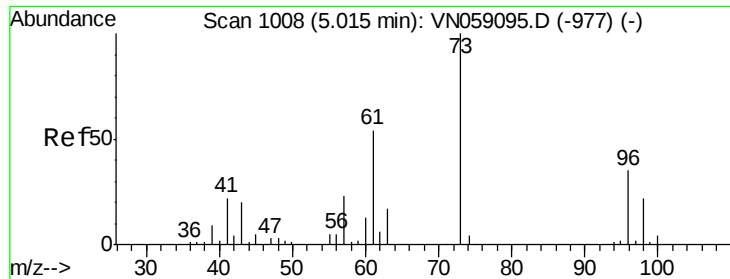
Tot Ion: 76 Resp: 201164
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 21.137 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion: 43 Resp: 127887
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.8

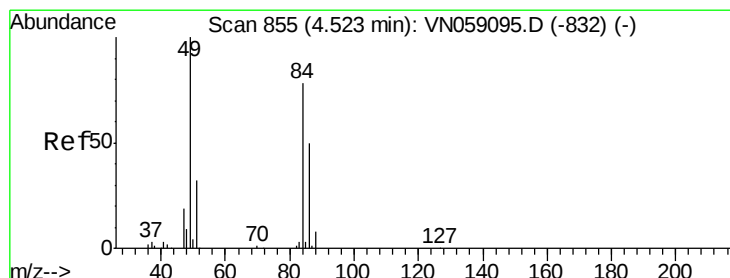
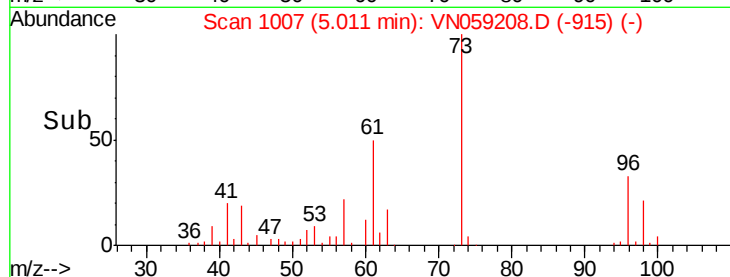
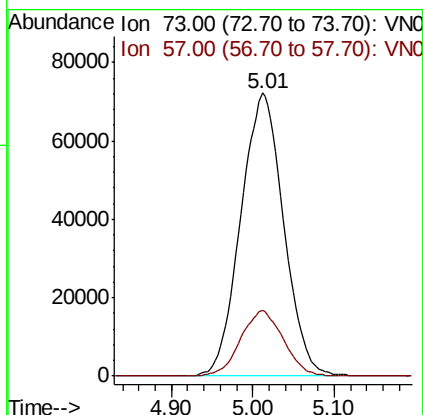
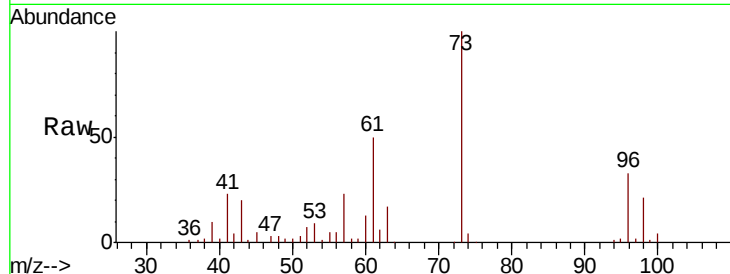




#19
Methyl tert-butyl Ether
Concen: 20.523 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

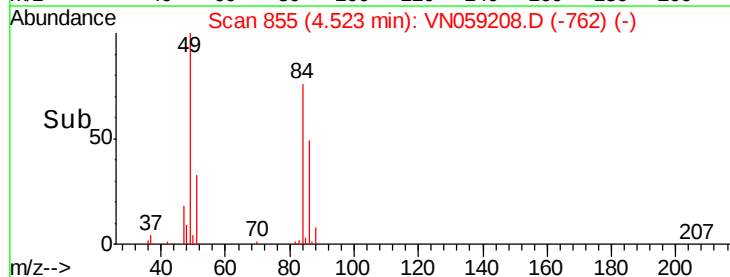
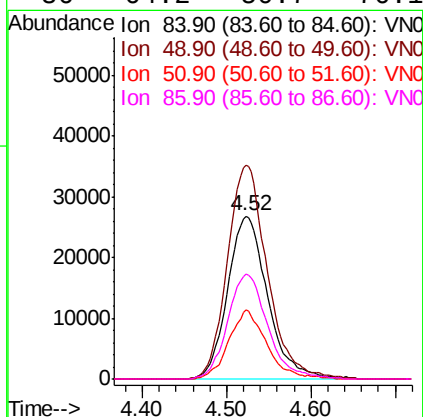
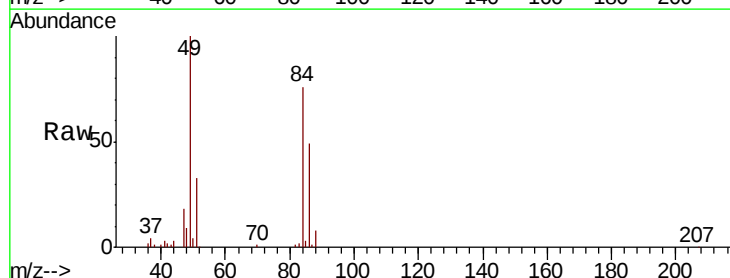
Instrument :
MSVOA_N
ClientSampled :
VN1113WBS01

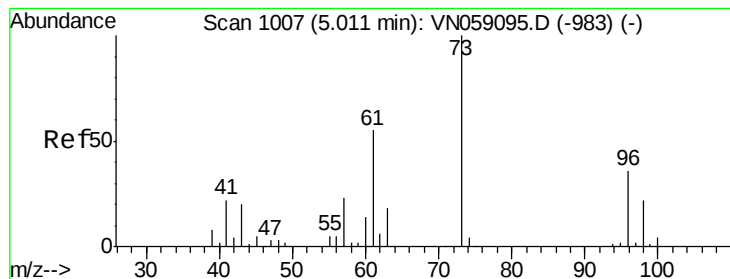
Tot Ion: 73 Resp: 262833
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6



#20
Methylene Chloride
Concen: 19.836 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion: 84 Resp: 88087
Ion Ratio Lower Upper
84 100
49 131.3 102.0 153.0
51 42.8 32.2 48.2
86 64.2 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 19.678 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

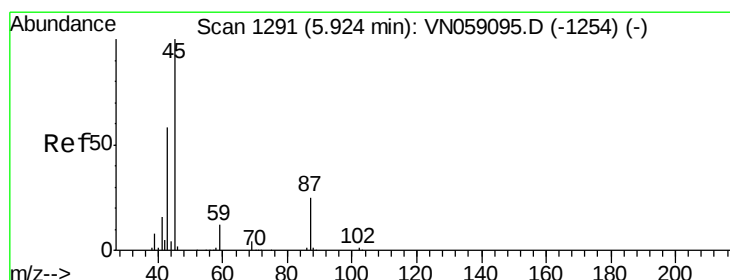
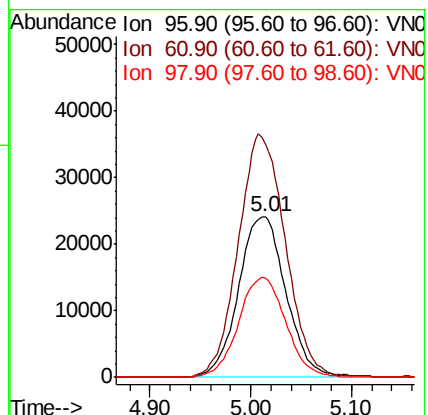
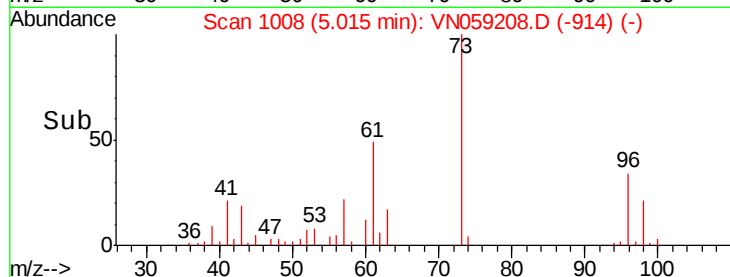
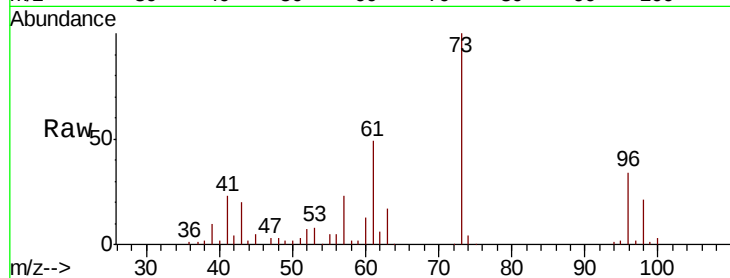
Tot Ion: 96 Resp: 78573

Ion Ratio Lower Upper

96 100

61 144.4 122.6 183.8

98 61.5 50.3 75.5



#22

Diisopropyl ether

Concen: 20.515 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Tgt Ion: 45 Resp: 296086

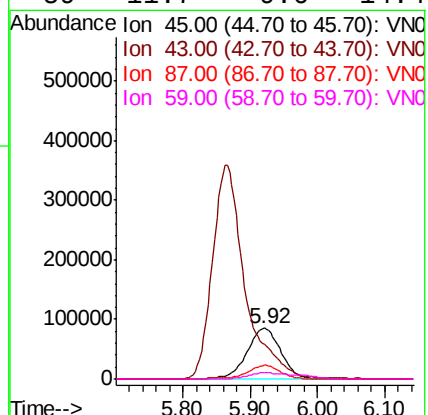
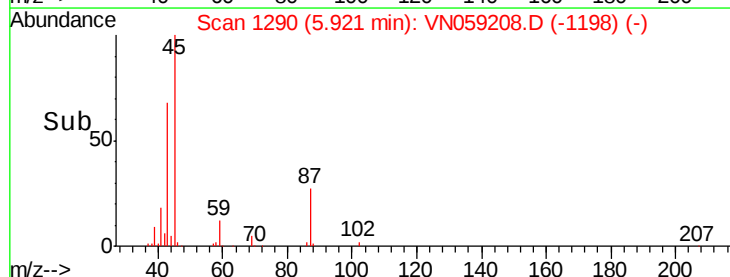
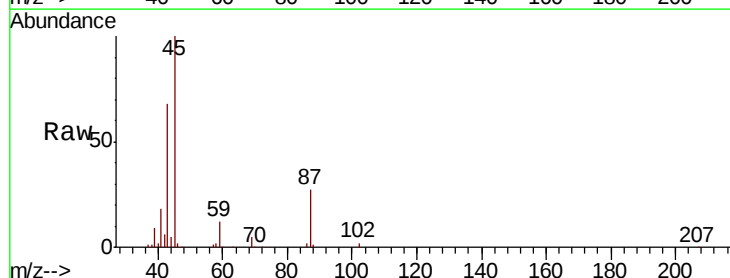
Ion Ratio Lower Upper

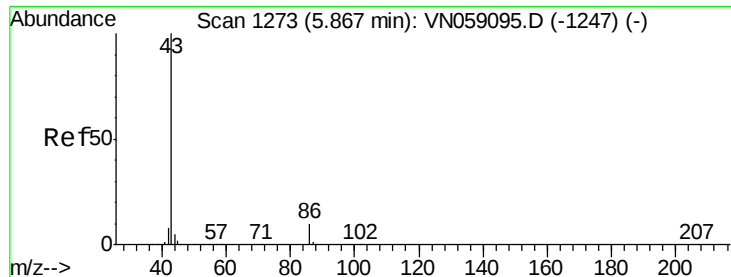
45 100

43 66.2 46.7 70.1

87 26.9 20.5 30.7

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 107.934 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampled :

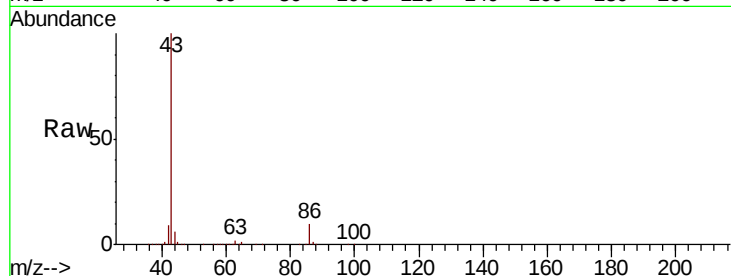
VN1113WBS01

Tot Ion: 43 Resp: 1207308

Ion Ratio Lower Upper

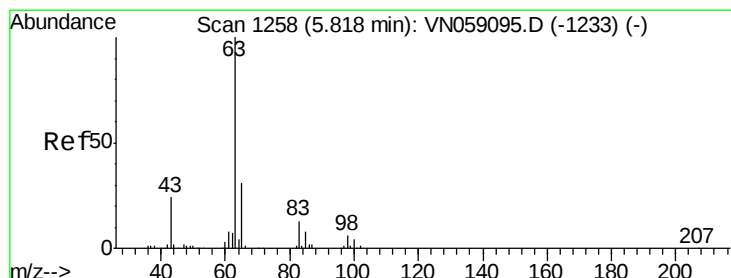
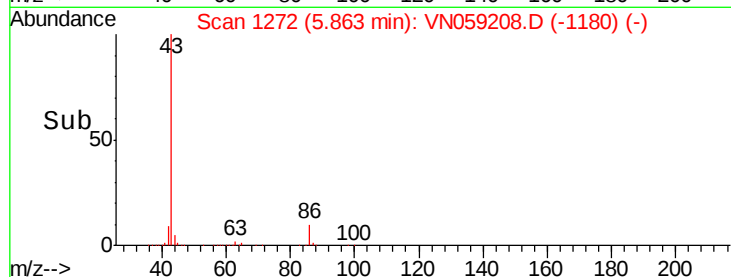
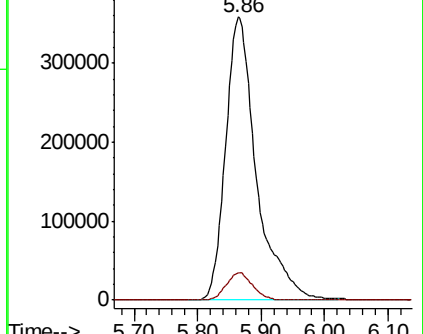
43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059208.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059208.D (-1180) (-)



#24

1,1-Dichloroethane

Concen: 20.488 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

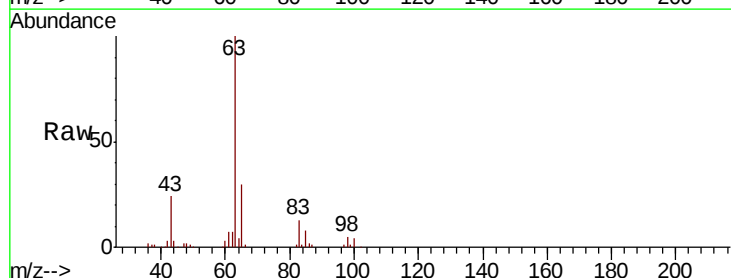
Tgt Ion: 63 Resp: 165153

Ion Ratio Lower Upper

63 100

98 5.5 2.8 8.4

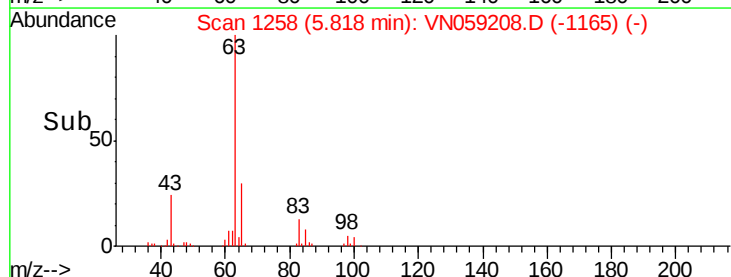
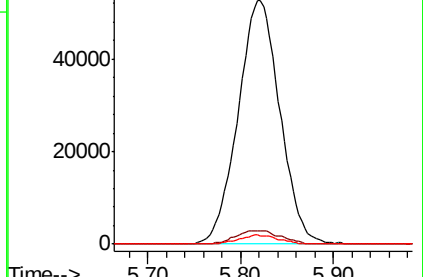
100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059208.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059208.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059208.D (-1165) (-)





#25

2-Butanone

Concen: 103.298 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampled :

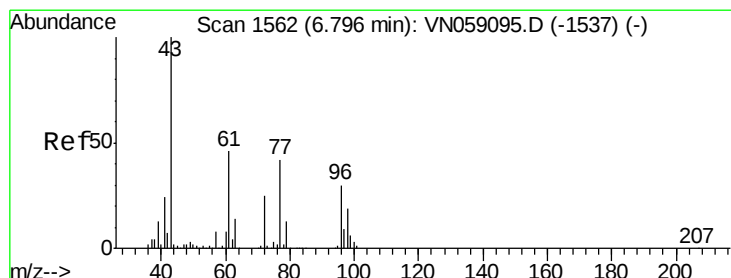
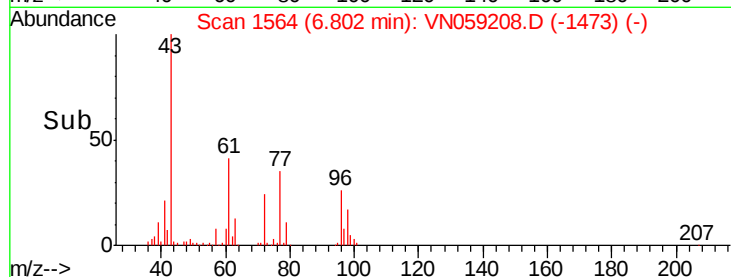
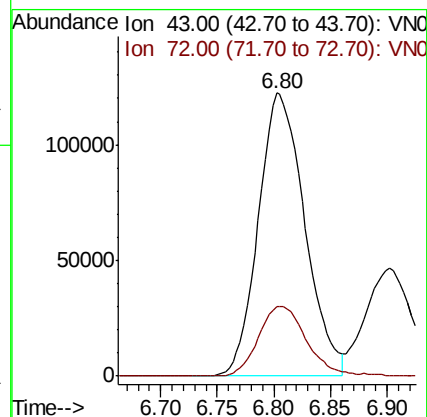
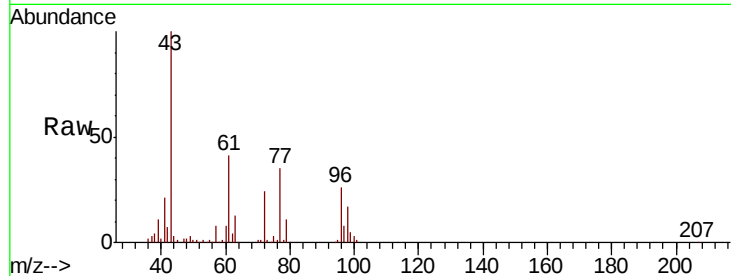
VN1113WBS01

Tot Ion: 43 Resp: 347027

Ion Ratio Lower Upper

43 100

72 24.4 20.3 30.5



#26

2,2-Dichloropropane

Concen: 20.044 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059208.D

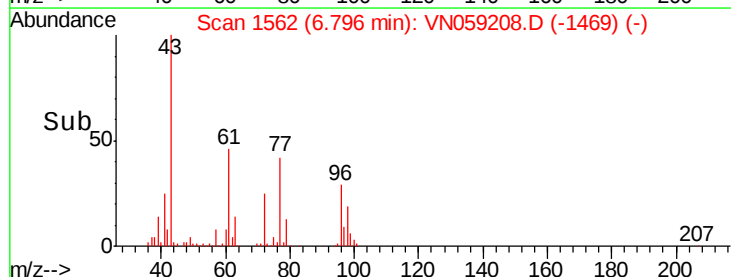
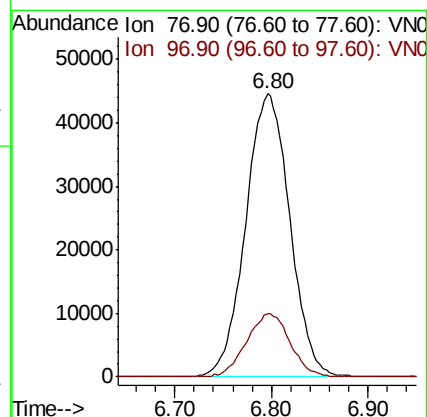
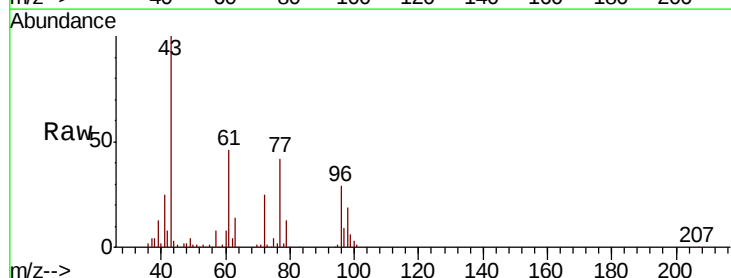
Acq: 13 Nov 2019 10:06

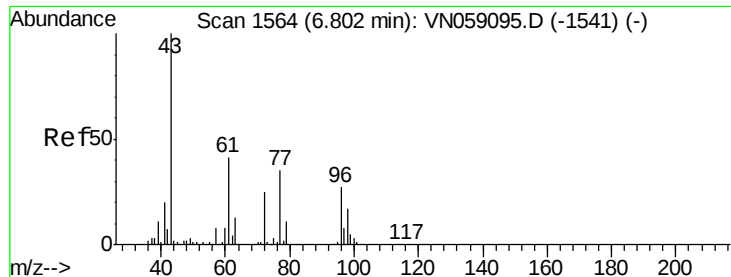
Tgt Ion: 77 Resp: 141287

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.176 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

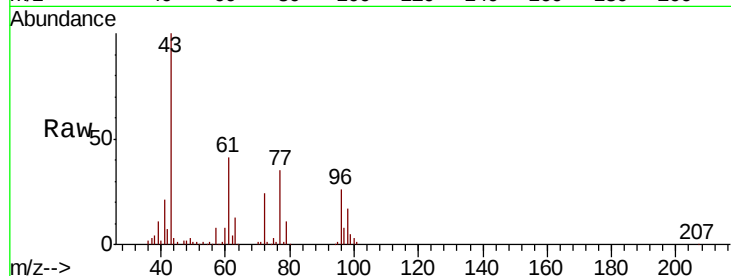
Tot Ion: 96 Resp: 93463

Ion Ratio Lower Upper

96 100

61 155.6 0.0 311.6

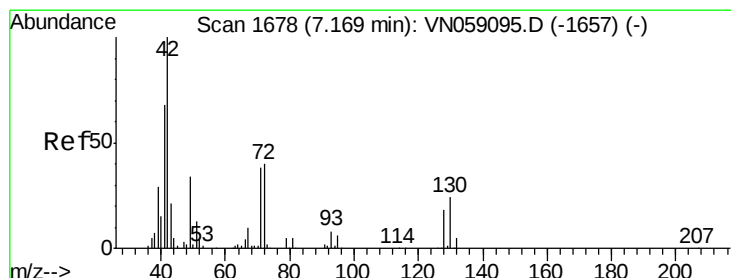
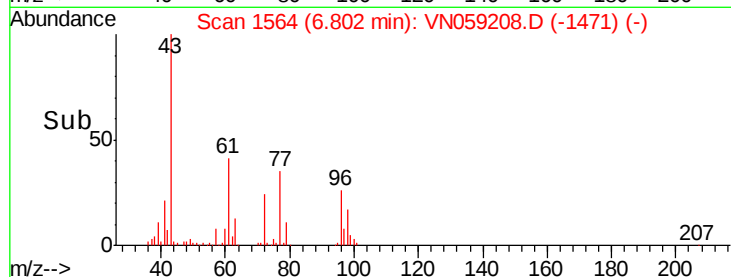
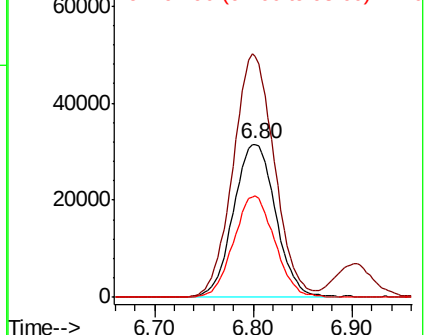
98 64.4 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN059208.D (-1471) (-)

Ion 60.90 (60.60 to 61.60): VN059208.D (-1471) (-)

Ion 97.90 (97.60 to 98.60): VN059208.D (-1471) (-)



#28

Bromochloromethane

Concen: 20.232 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

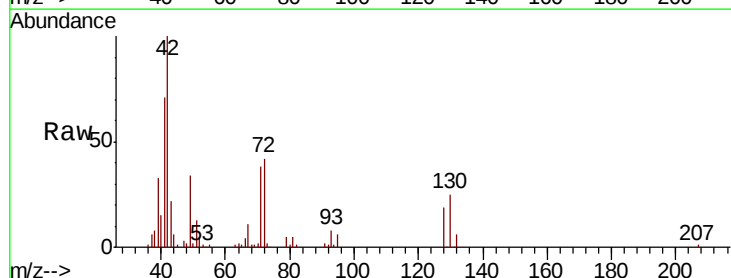
Tgt Ion: 49 Resp: 49068

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

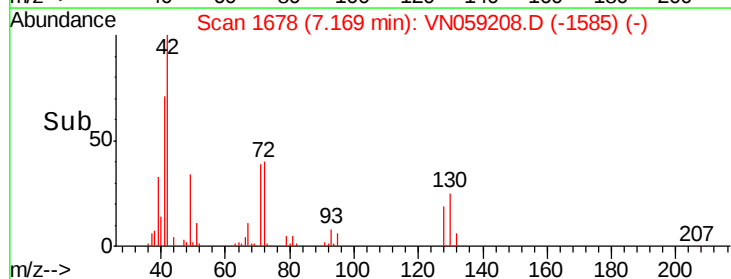
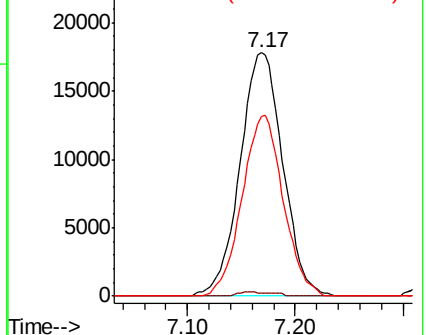
130 71.3 55.6 83.4

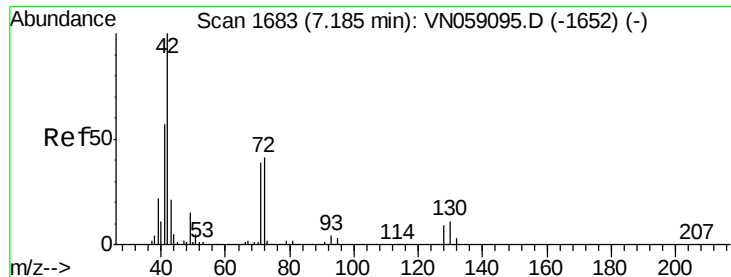


Abundance Ion 48.90 (48.60 to 49.60): VN059208.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059208.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059208.D (-1585) (-)





#29

Tetrahydrofuran

Concen: 101.214 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

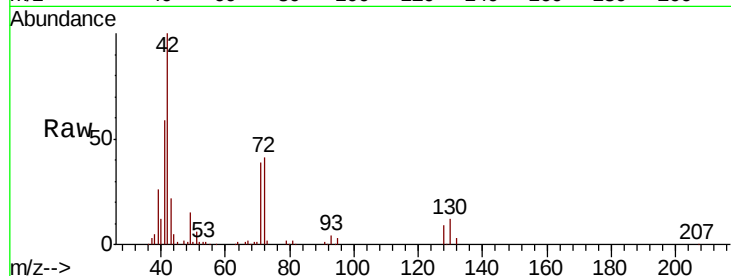
Tot Ion: 42 Resp: 216052

Ion Ratio Lower Upper

42 100

72 41.8 33.1 49.7

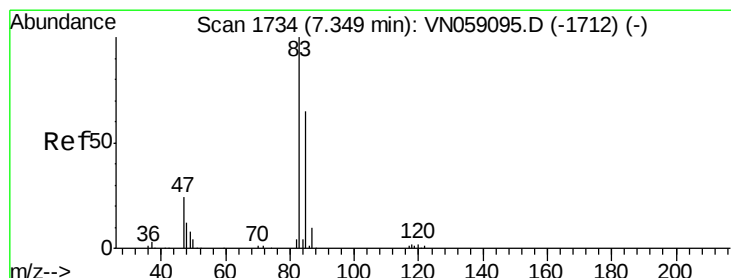
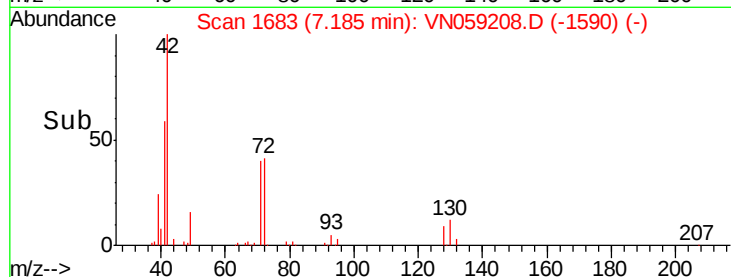
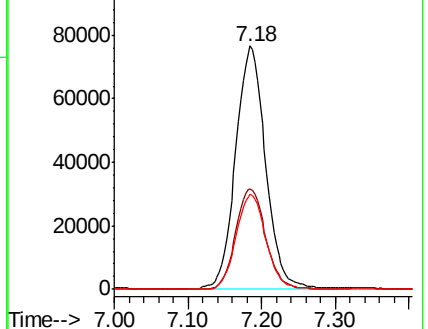
71 39.1 30.9 46.3



Abundance Ion 42.00 (41.70 to 42.70): VN059208.D (-1652) (-)

Ion 72.00 (71.70 to 72.70): VN059208.D (-1652) (-)

Ion 71.00 (70.70 to 71.70): VN059208.D (-1652) (-)



#30

Chloroform

Concen: 20.695 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VN059208.D

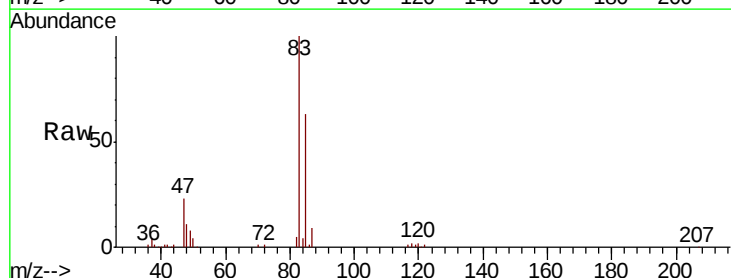
Acq: 13 Nov 2019 10:06

Tgt Ion: 83 Resp: 160026

Ion Ratio Lower Upper

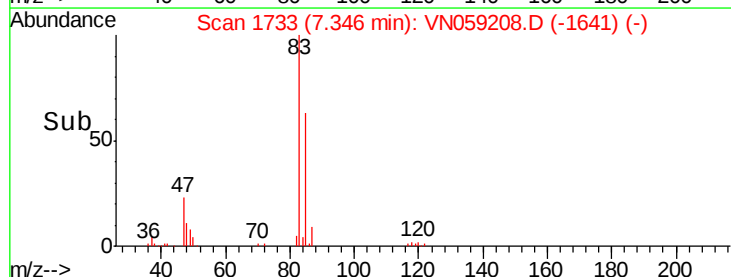
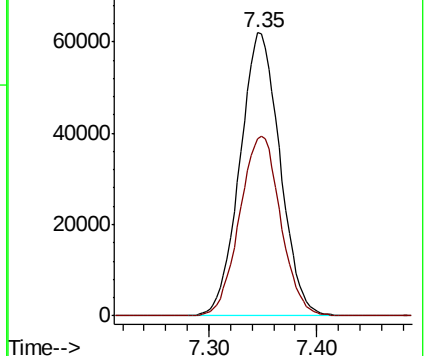
83 100

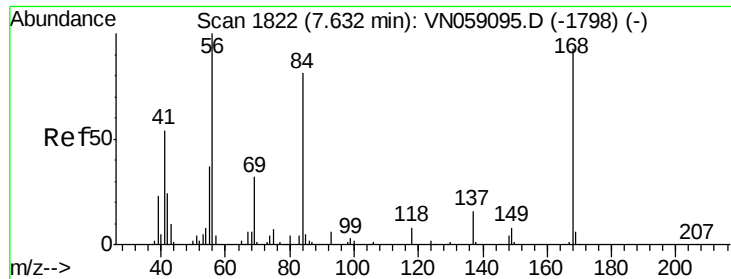
85 62.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN059208.D (-1641) (-)

Ion 84.90 (84.60 to 85.60): VN059208.D (-1641) (-)

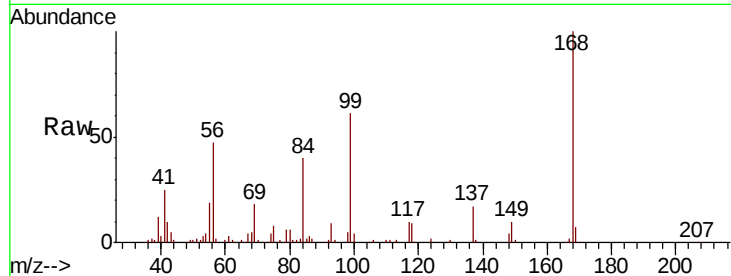




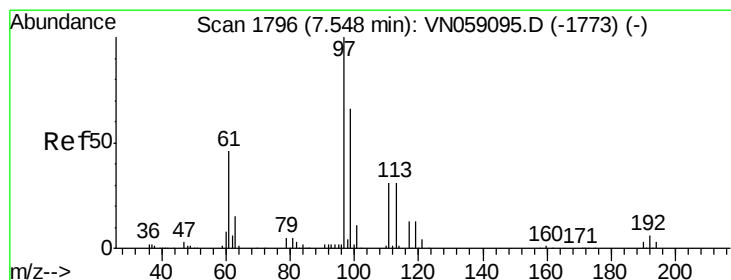
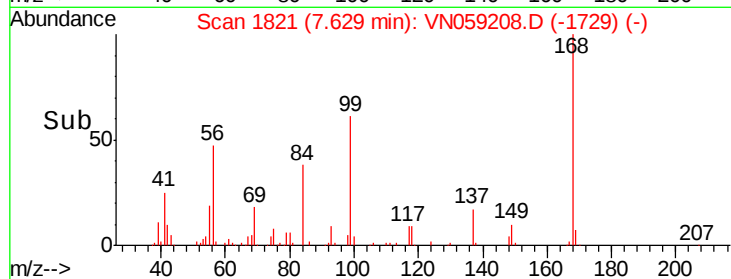
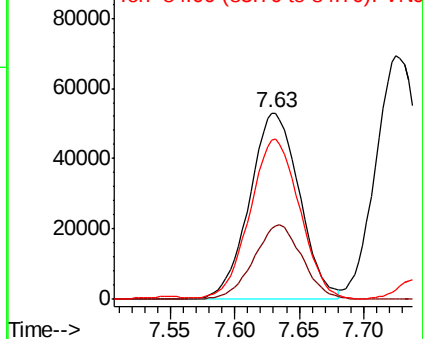
#31
Cyclohexane
Concen: 18.741 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tot Ion: 56 Resp: 143020
Ion Ratio Lower Upper
56 100
69 38.3 25.8 38.8
84 84.4 65.0 97.4

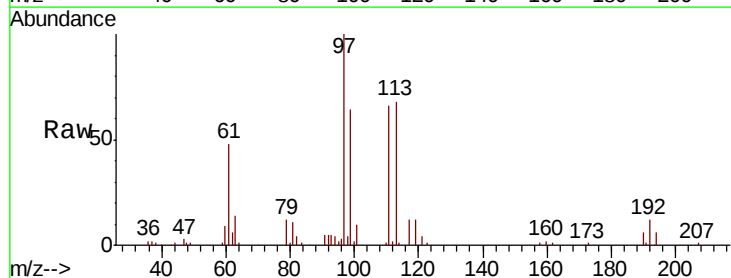


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

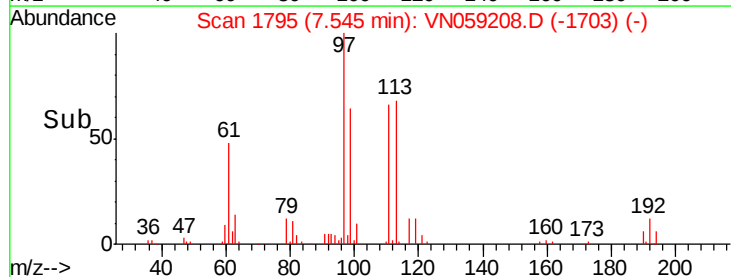
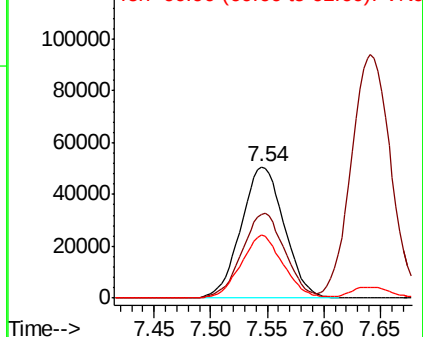


#32
1,1,1-Trichloroethane
Concen: 20.748 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion: 97 Resp: 134887
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 46.7 35.8 53.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

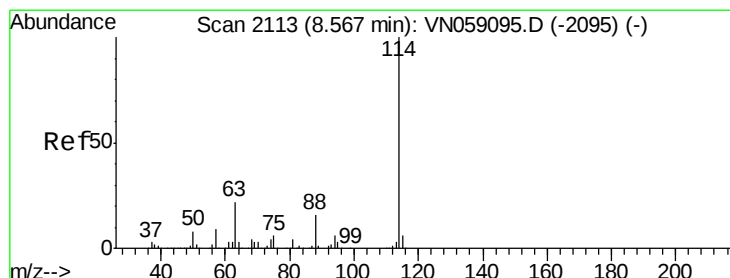
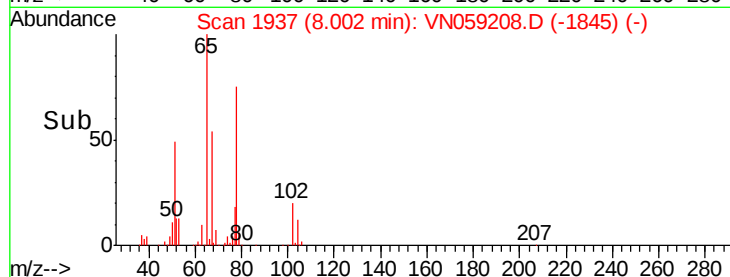
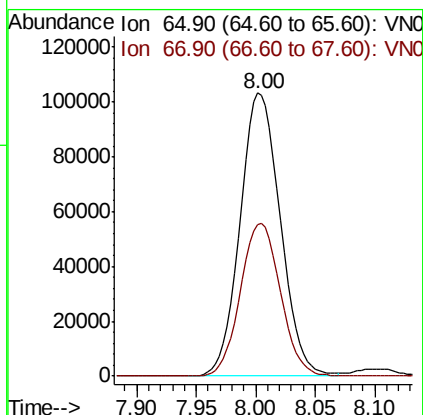
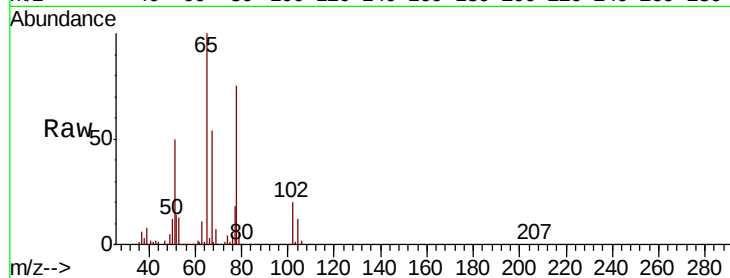




#33
 1,2-Dichloroethane-d4
 Concen: 49.425 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

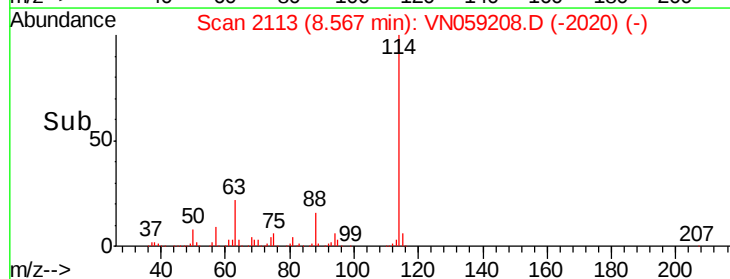
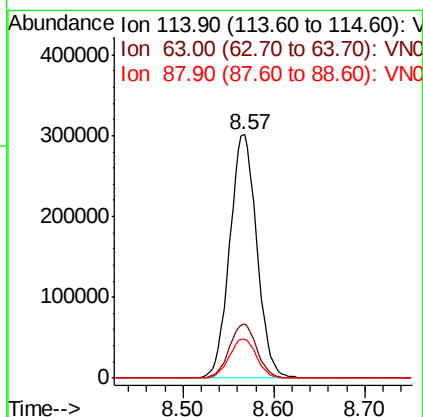
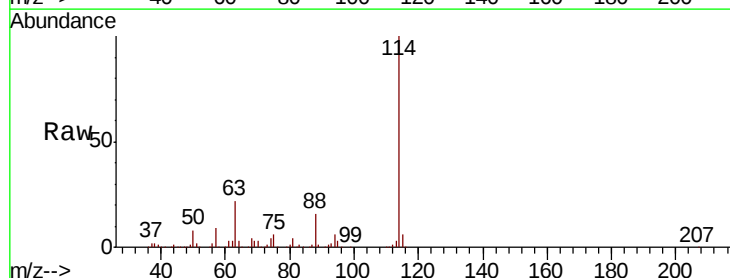
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

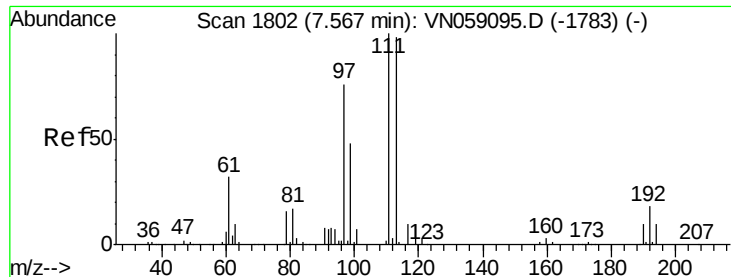
Tot Ion: 65 Resp: 242270
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

Tgt Ion: 114 Resp: 623031
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 16.1 0.0 32.2

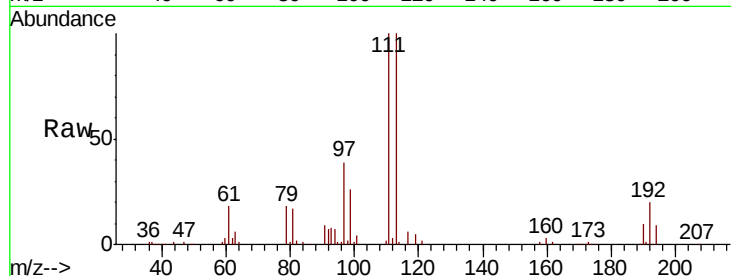




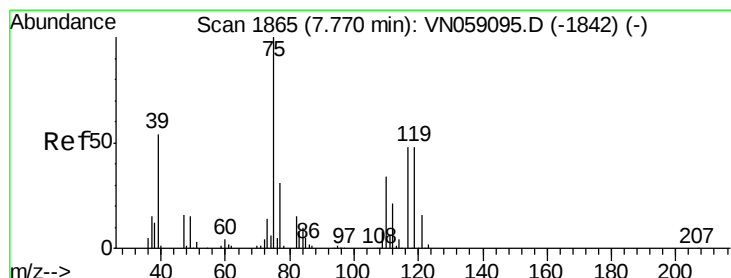
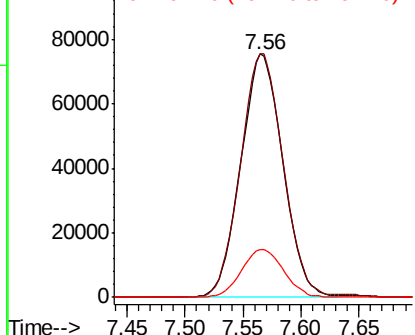
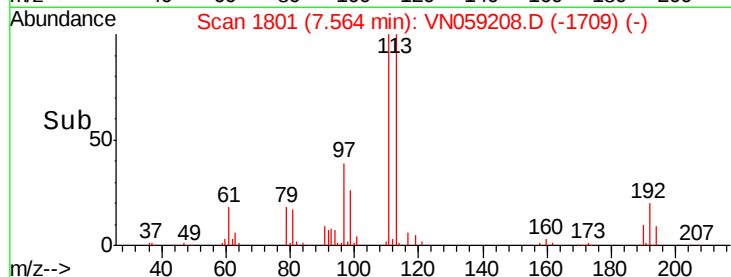
#35
 Dibromofluoromethane
 Concen: 51.147 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

Tot Ion:113 Resp: 190272
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.8 124.2
 192 19.8 16.1 24.1

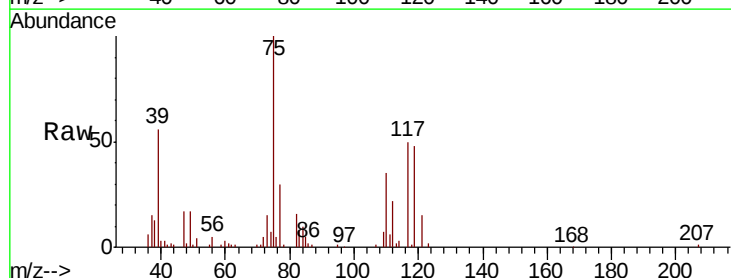


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

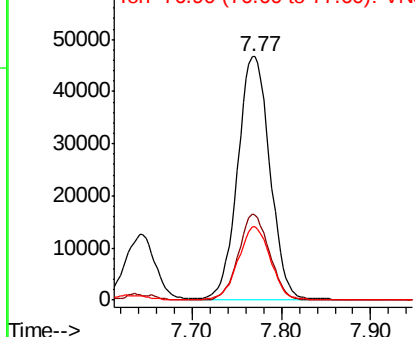
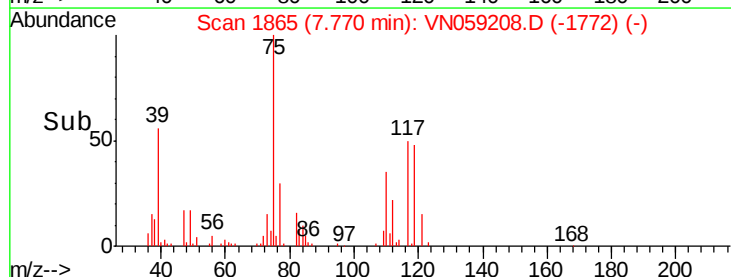


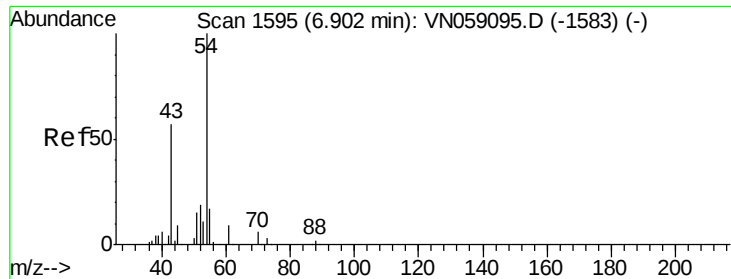
#36
 1,1-Dichloropropene
 Concen: 20.216 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

Tgt Ion: 75 Resp: 117726
 Ion Ratio Lower Upper
 75 100
 110 33.7 17.1 51.2
 77 30.2 24.8 37.2



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

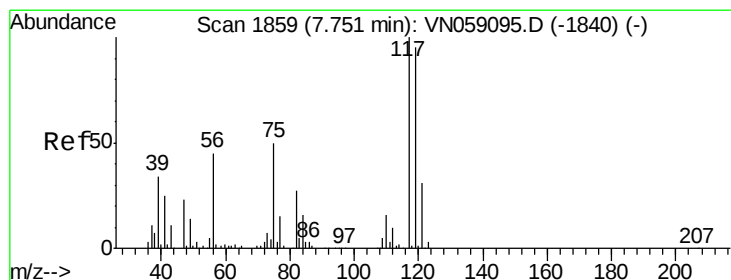
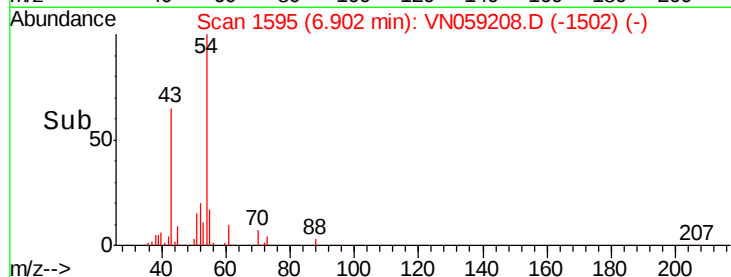
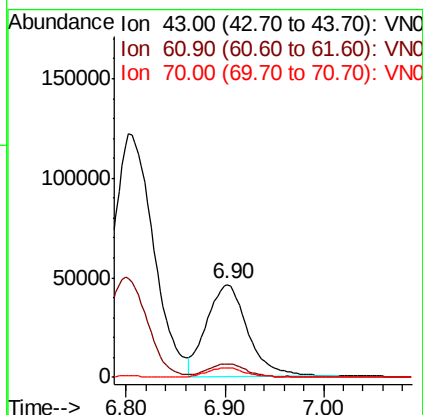
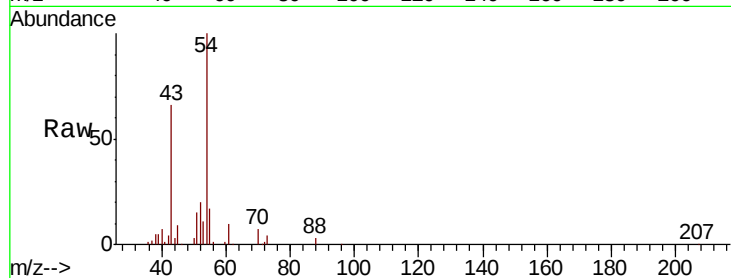




#37
Ethyl Acetate
Concen: 20.674 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

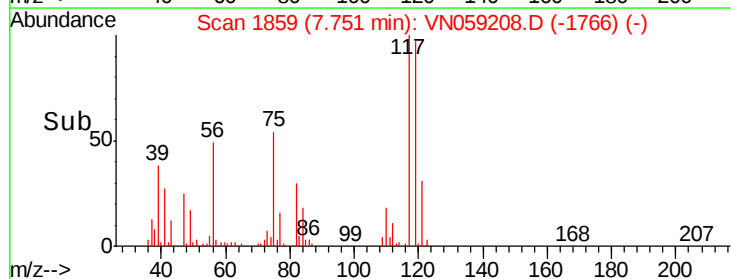
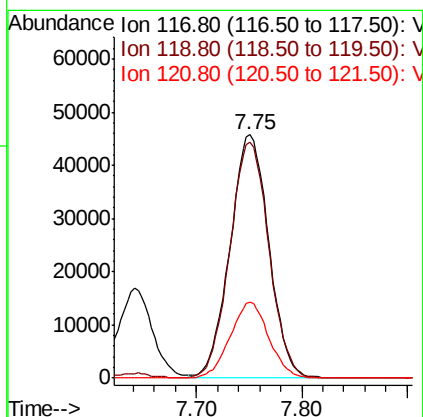
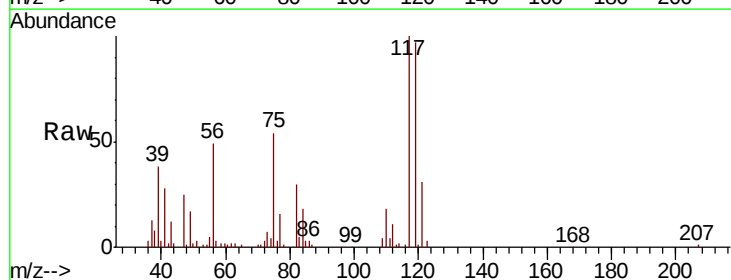
Instrument :
MSVOA_N
ClientSampled :
VN1113WBS01

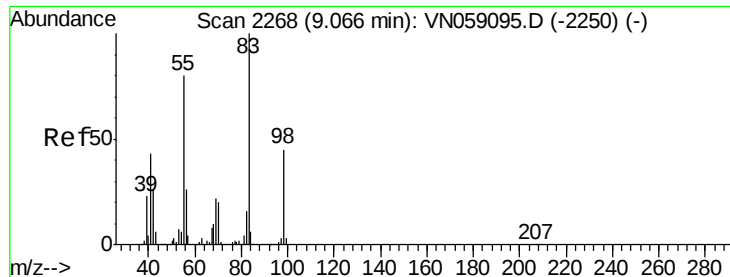
Tot Ion: 43 Resp: 133936
Ion Ratio Lower Upper
43 100
61 14.5 11.2 16.8
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.182 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion: 117 Resp: 116982
Ion Ratio Lower Upper
117 100
119 97.0 75.6 113.4
121 31.3 24.6 36.8

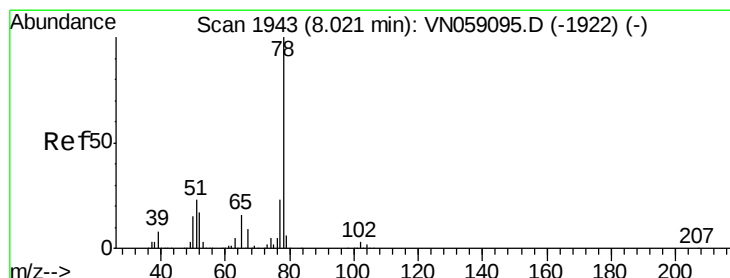
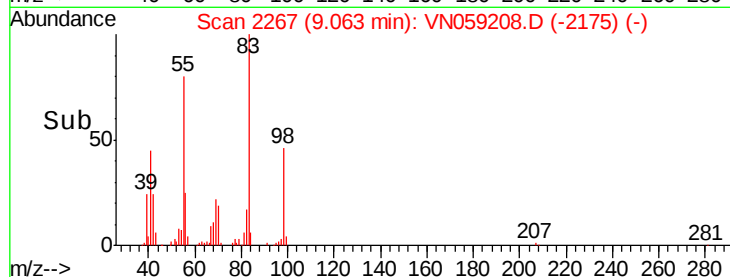
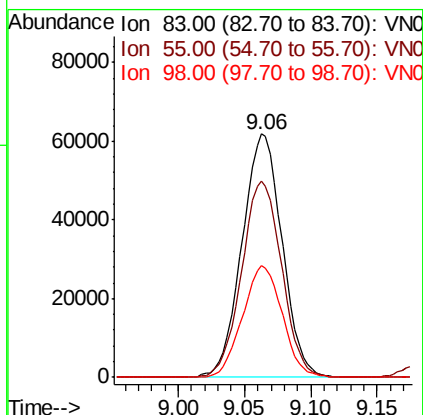
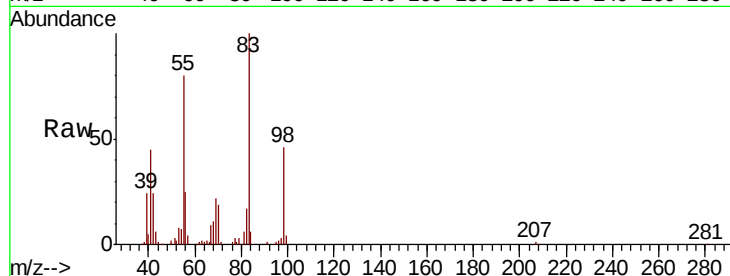




#39
Methvlcvclohexane
Concen: 19.258 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

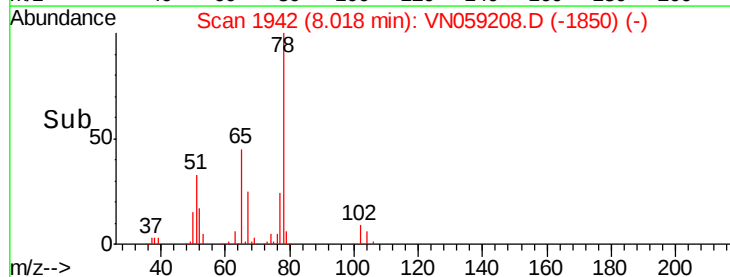
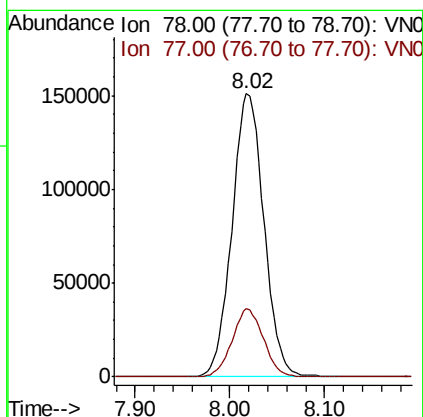
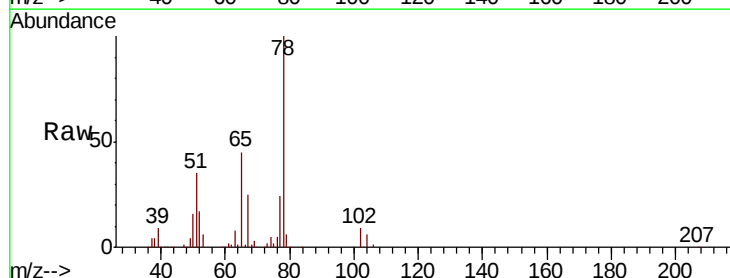
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

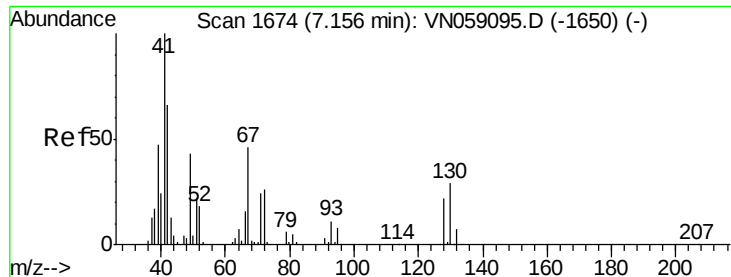
Tot Ion: 83 Resp: 130162
Ion Ratio Lower Upper
83 100
55 80.4 63.9 95.9
98 46.0 35.6 53.4



#40
Benzene
Concen: 20.218 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion: 78 Resp: 354553
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2





#41

Methacrylonitrile

Concen: 20.422 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

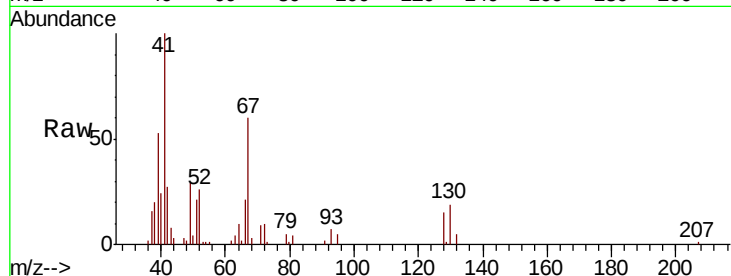
MSVOA_N

ClientSampled :

VN1113WBS01

Tot Ion: 41 Resp: 57531

Ion	Ratio	Lower	Upper
41	100		
39	64.8	0.0	0.0#
67	85.2	0.0	0.0#
52	37.9	0.0	0.0#

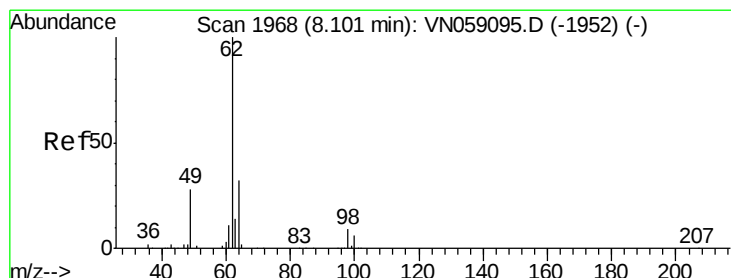
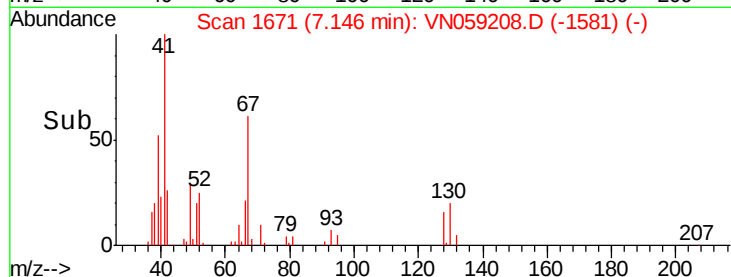
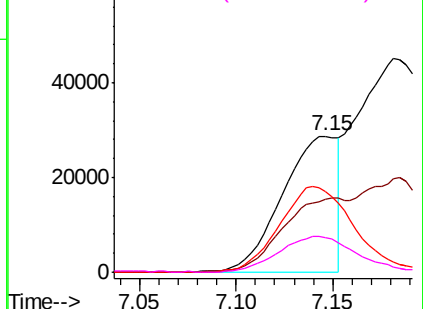


Abundance Ion 41.00 (40.70 to 41.70): VN059208.D (-1650) (-)

Ion 39.00 (38.70 to 39.70): VN059208.D (-1650) (-)

Ion 67.00 (66.70 to 67.70): VN059208.D (-1650) (-)

Ion 52.00 (51.70 to 52.70): VN059208.D (-1650) (-)



#42

1,2-Dichloroethane

Concen: 20.953 ug/l

RT: 8.10 min Scan# 1968

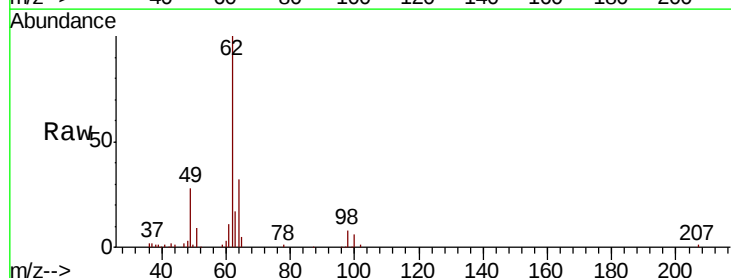
Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

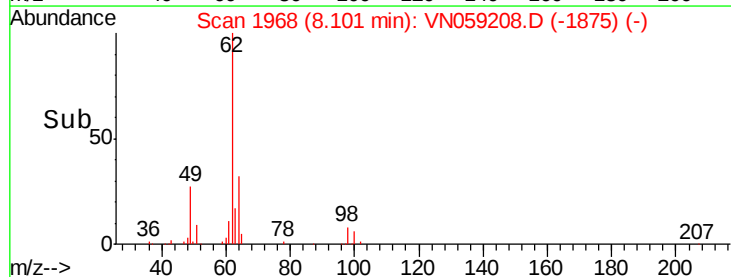
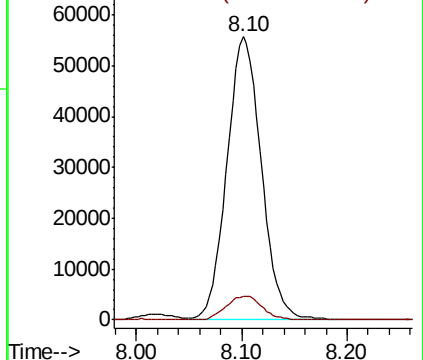
Tgt Ion: 62 Resp: 126025

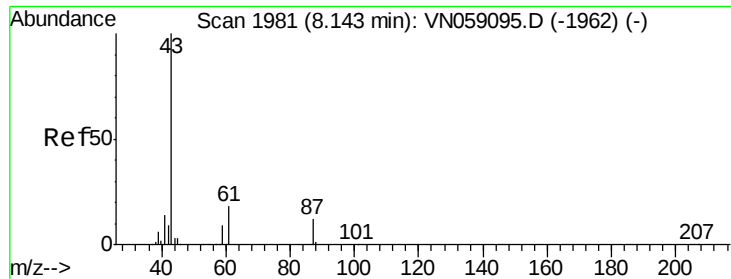
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN059208.D (-1875) (-)

Ion 97.90 (97.60 to 98.60): VN059208.D (-1875) (-)





#43

Isopropyl Acetate

Concen: 19.985 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

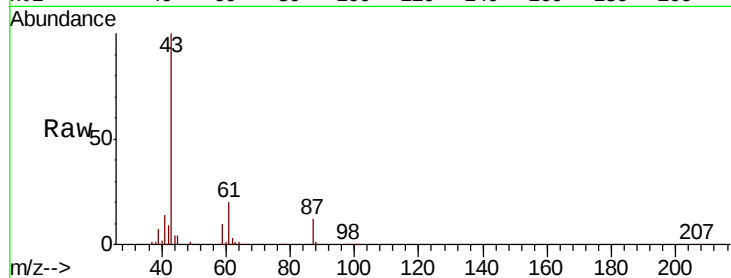
Tot Ion: 43 Resp: 206410

Ion Ratio Lower Upper

43 100

61 26.6 21.0 31.6

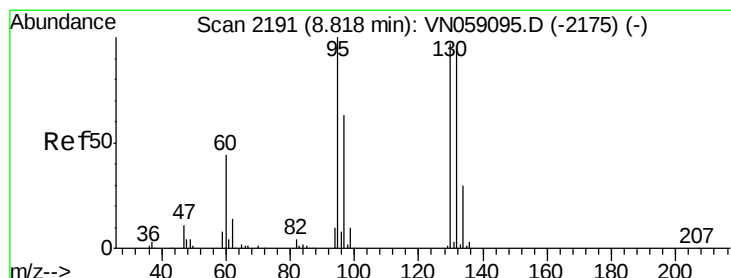
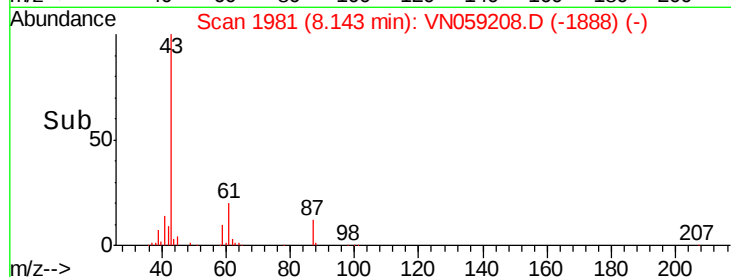
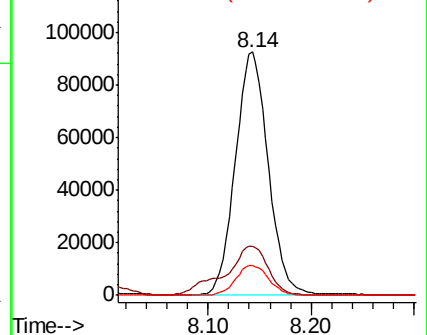
87 12.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059208.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059208.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059208.D (-1962) (-)



#44

Trichloroethene

Concen: 20.388 ug/l

RT: 8.82 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059208.D

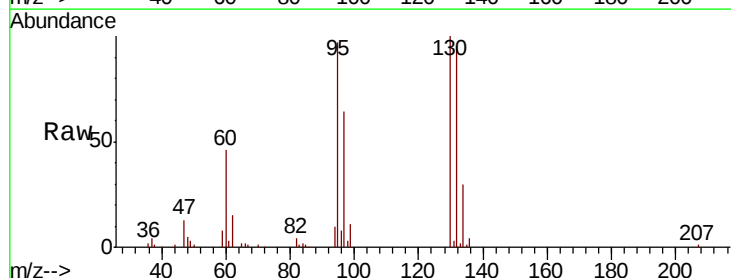
Acq: 13 Nov 2019 10:06

Tgt Ion: 130 Resp: 87888

Ion Ratio Lower Upper

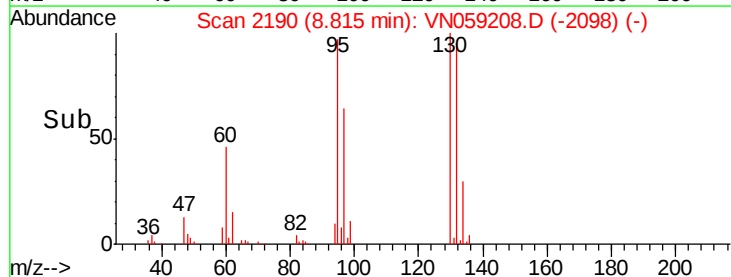
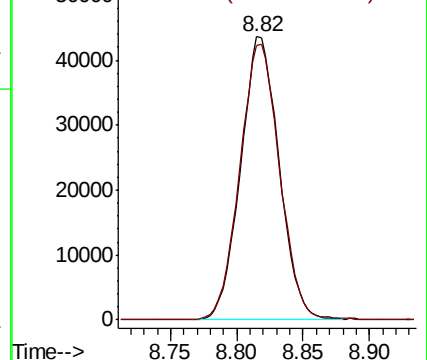
130 100

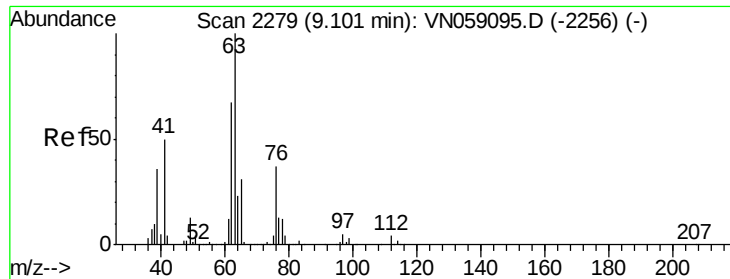
95 97.1 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059208.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059208.D (-2175) (-)

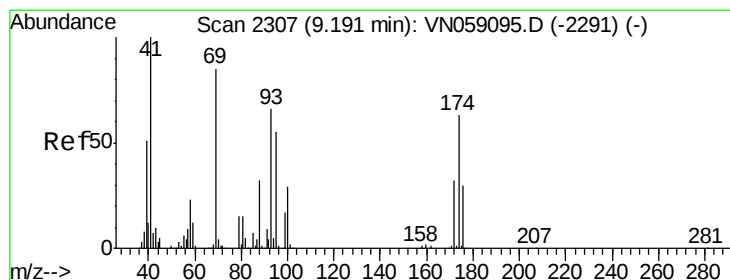
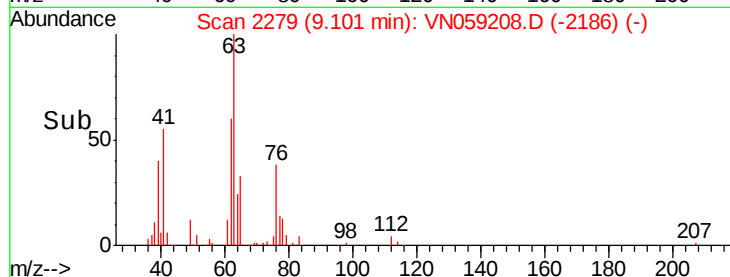
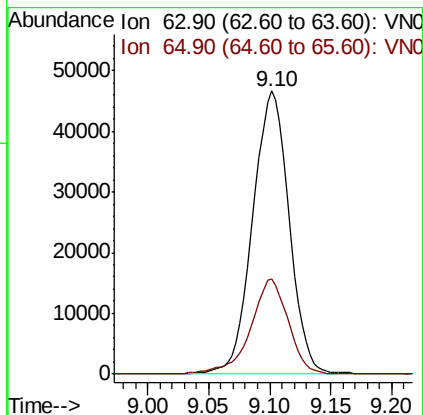
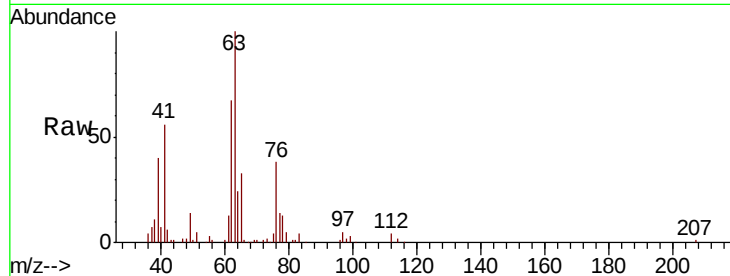




#45
 1,2-Dichloropropane
 Concen: 20.268 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

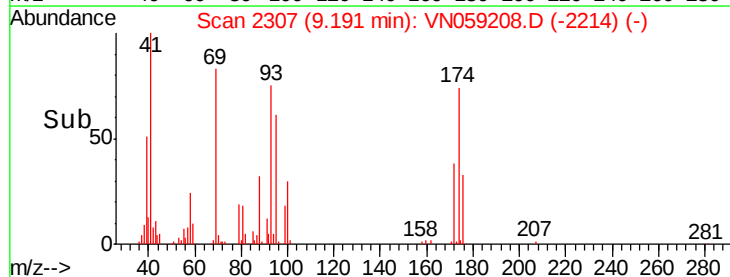
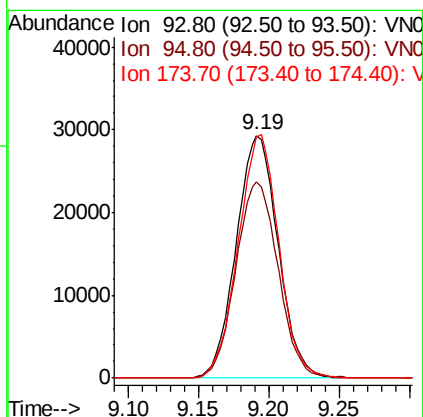
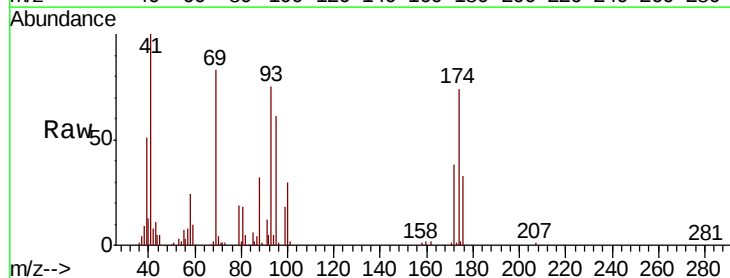
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

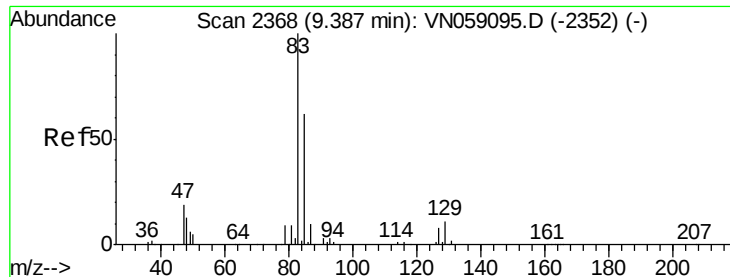
Tot Ion: 63 Resp: 96543
 Ion Ratio Lower Upper
 63 100
 65 33.5 24.6 37.0



#46
 Dibromomethane
 Concen: 20.491 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

Tgt Ion: 93 Resp: 60823
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.6 100.0
 174 97.4 78.2 117.2





#47

Bromodichloromethane

Concen: 20.789 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

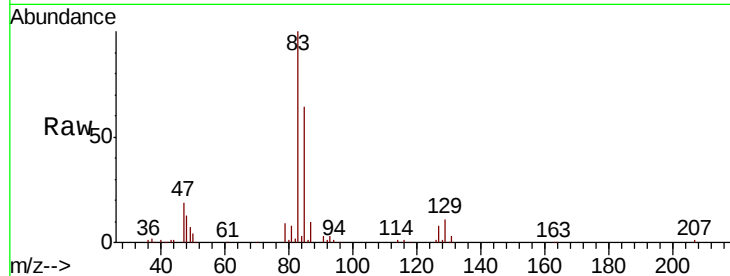
Tot Ion: 83 Resp: 123220

Ion Ratio Lower Upper

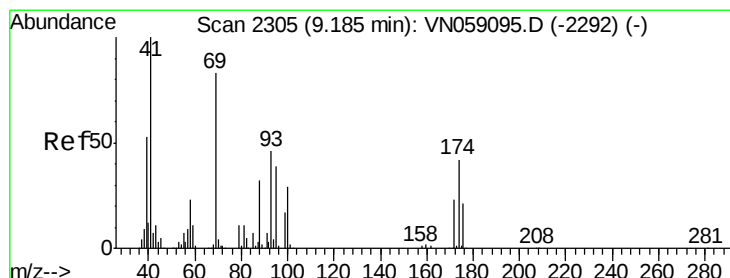
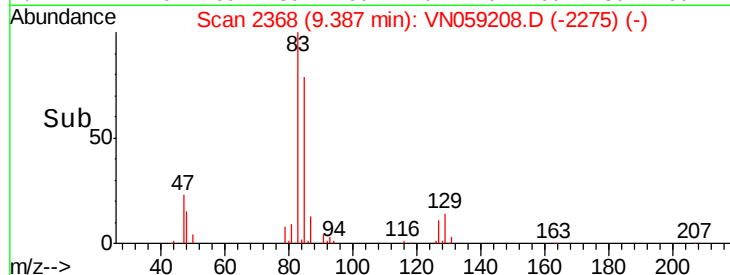
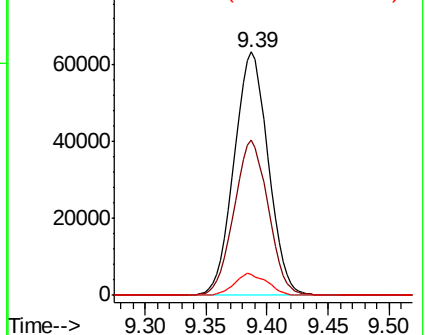
83 100

85 63.6 49.7 74.5

127 8.5 6.4 9.6



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



#48

Methyl methacrylate

Concen: 19.580 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

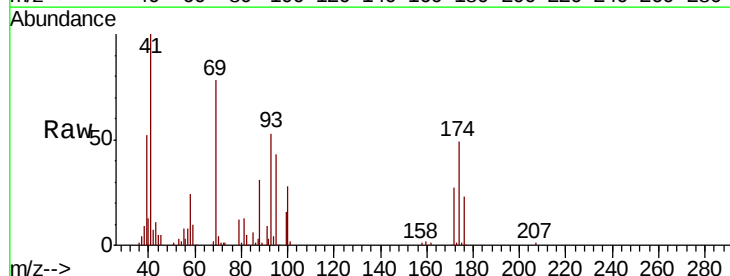
Tgt Ion: 41 Resp: 90457

Ion Ratio Lower Upper

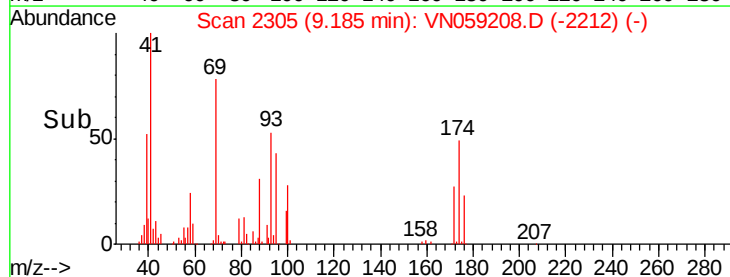
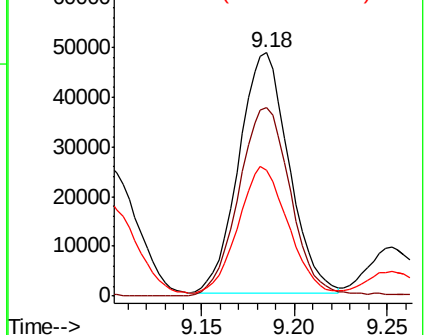
41 100

69 81.7 67.3 100.9

39 54.0 43.3 64.9



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





#49

1,4-Dioxane

Concen: 394.244 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

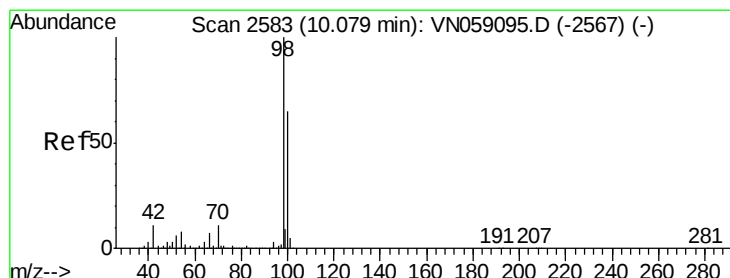
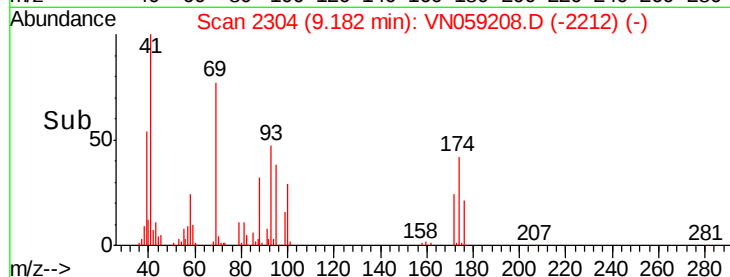
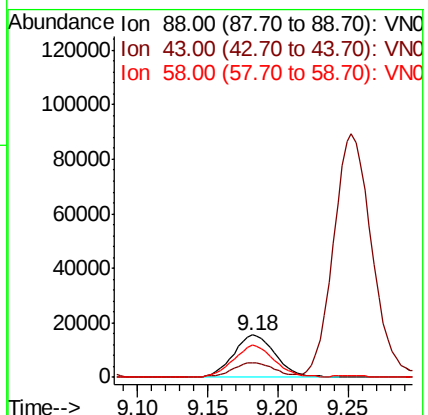
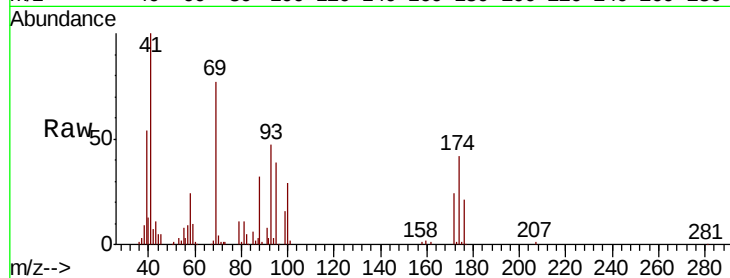
Tot Ion: 88 Resp: 32368

Ion Ratio Lower Upper

88 100

43 34.9 26.3 39.5

58 73.8 60.6 90.8



#50

Toluene-d8

Concen: 48.876 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059208.D

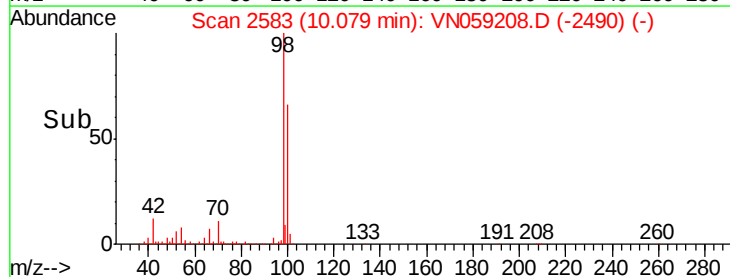
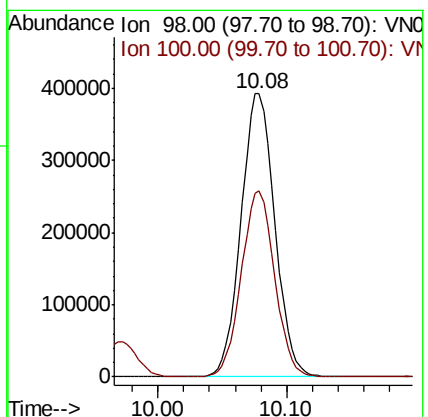
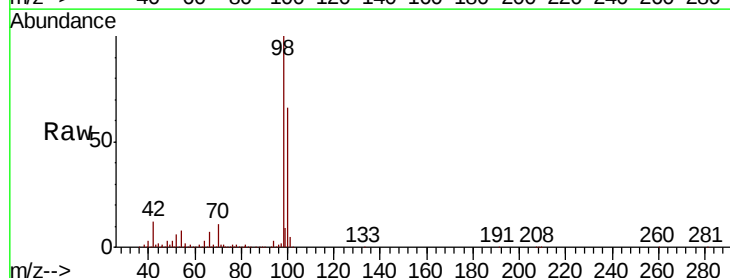
Acq: 13 Nov 2019 10:06

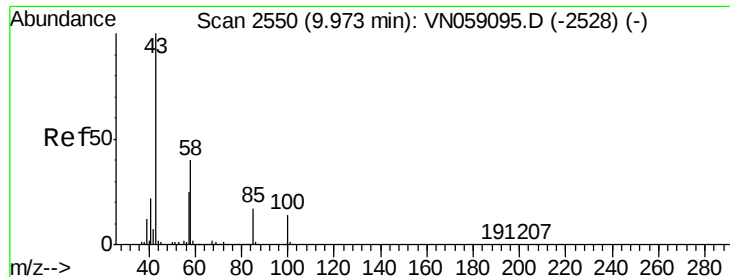
Tgt Ion: 98 Resp: 716184

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 111.915 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

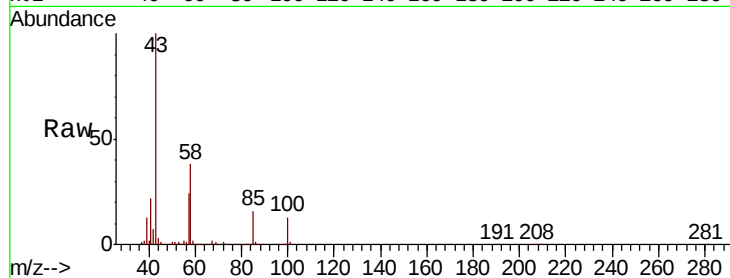
VN1113WBS01

Tot Ion: 43 Resp: 654035

Ion Ratio Lower Upper

43 100

58 38.3 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-2528) (-)

9.97

400000

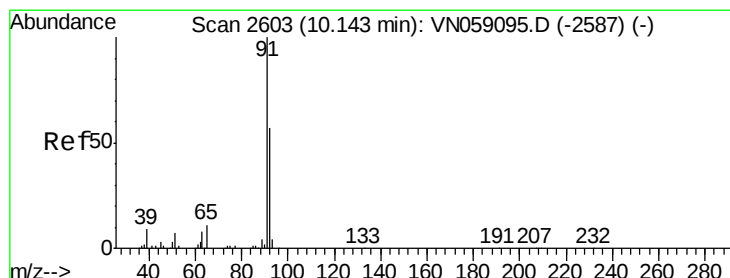
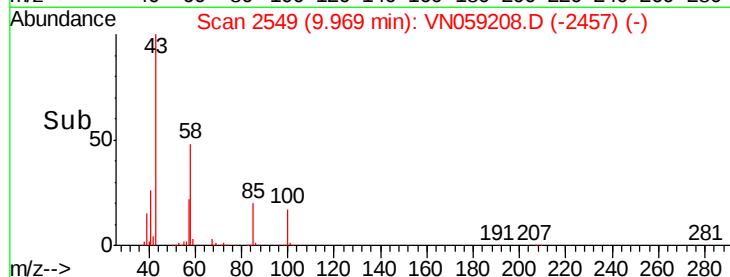
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.376 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059208.D

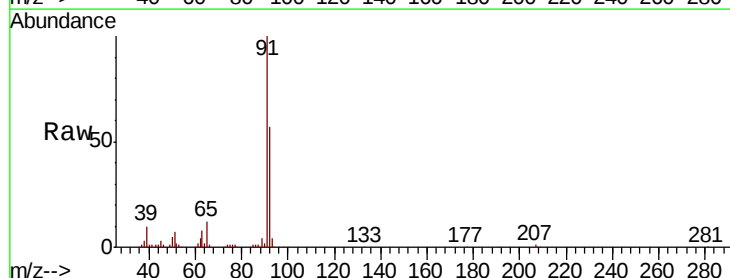
Acq: 13 Nov 2019 10:06

Tgt Ion: 92 Resp: 214167

Ion Ratio Lower Upper

92 100

91 173.2 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059095.D (-2587) (-)

10.14

200000

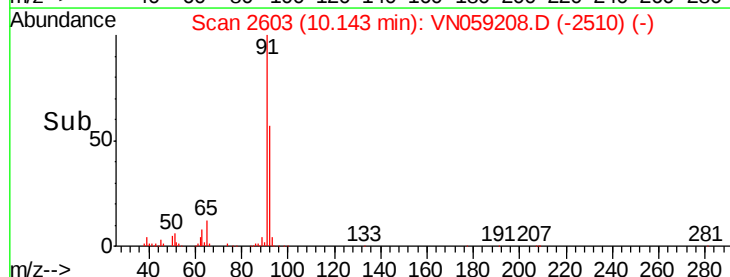
150000

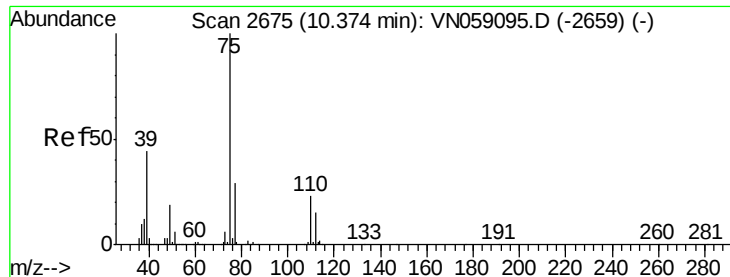
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.174 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

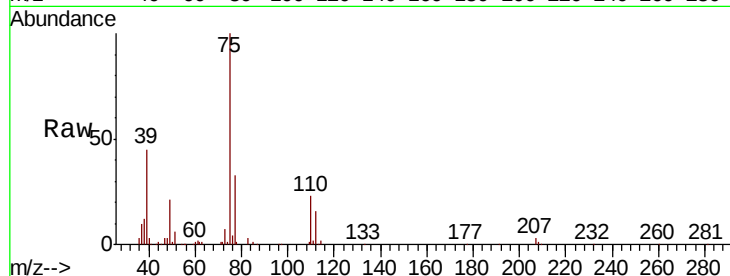
VN1113WBS01

Tot Ion: 75 Resp: 138144

Ion Ratio Lower Upper

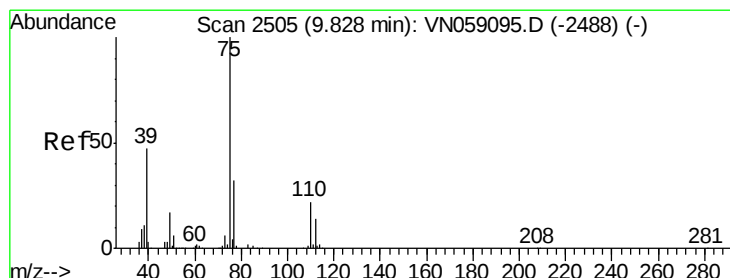
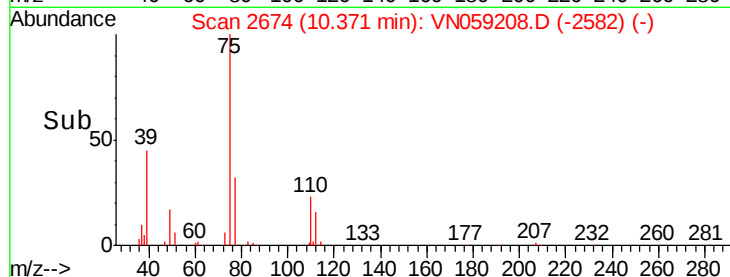
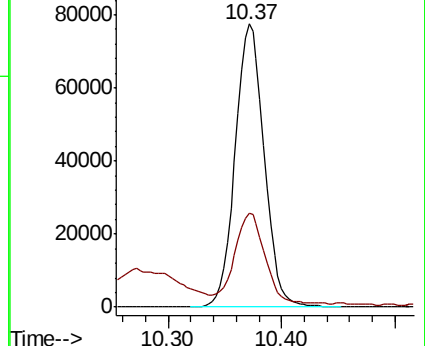
75 100

77 31.8 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.225 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

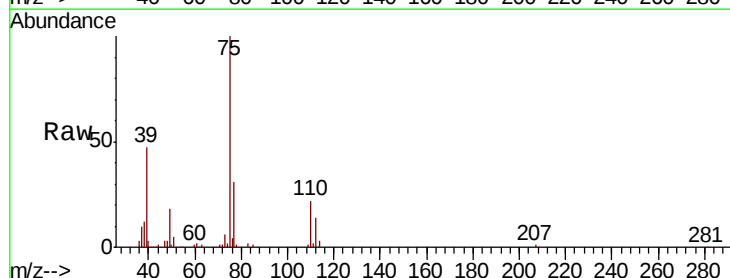
Tgt Ion: 75 Resp: 148978

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

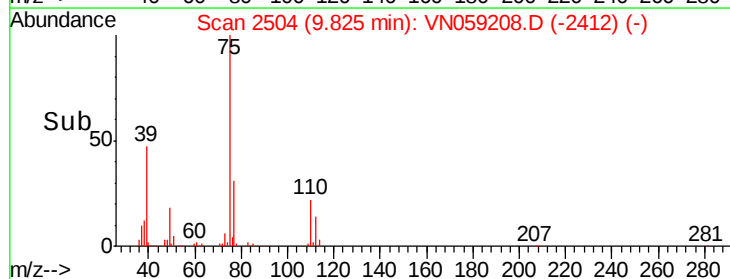
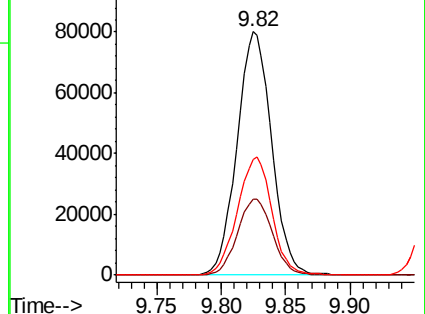
39 47.1 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

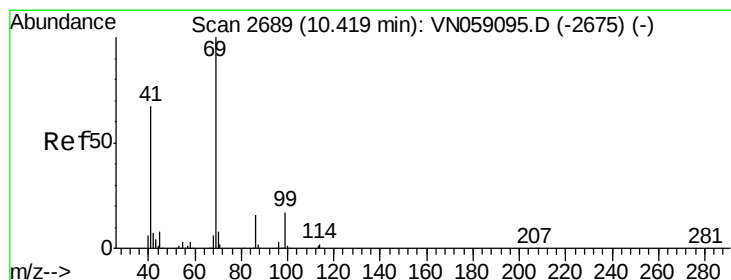
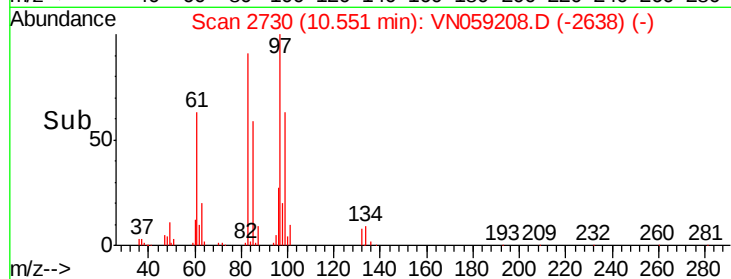
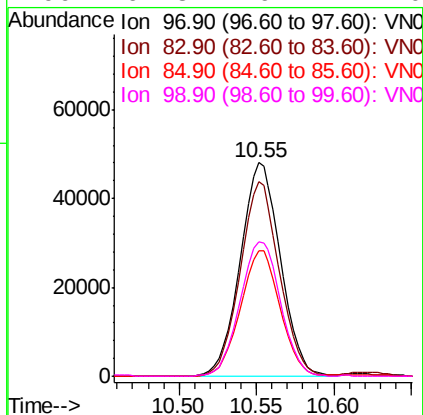
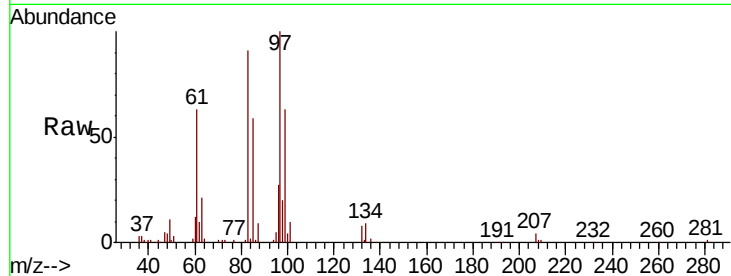




#55
 1,1,2-Trichloroethane
 Concen: 20.428 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

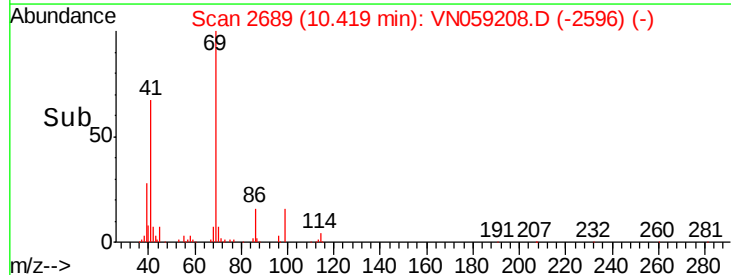
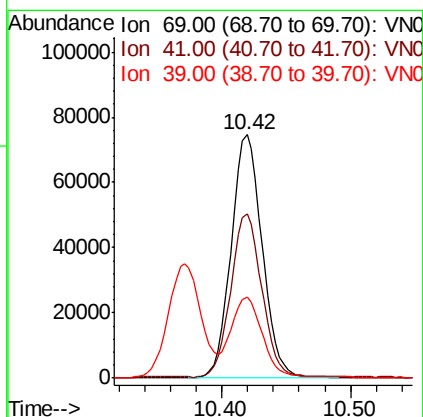
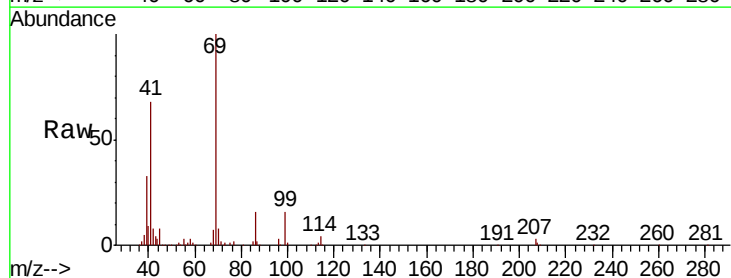
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

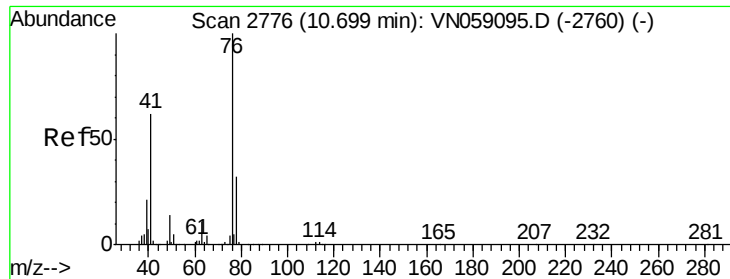
Tot Ion: 97 Resp: 86898
 Ion Ratio Lower Upper
 97 100
 83 90.8 71.0 106.4
 85 58.6 45.8 68.8
 99 62.8 49.4 74.0



#56
 Ethyl methacrylate
 Concen: 18.844 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

Tgt Ion: 69 Resp: 125097
 Ion Ratio Lower Upper
 69 100
 41 66.8 53.6 80.4
 39 33.1 26.2 39.4

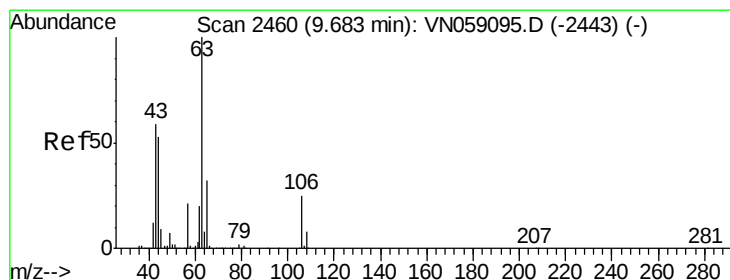
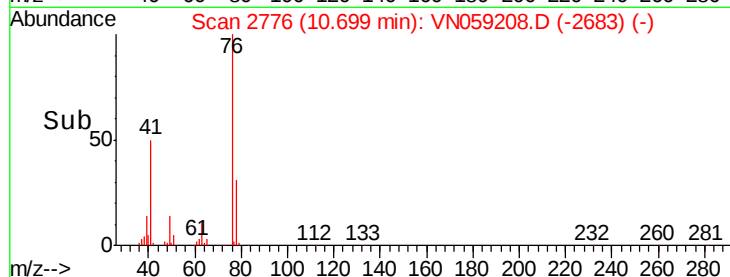
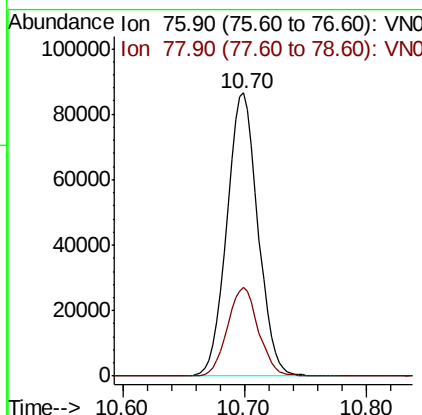
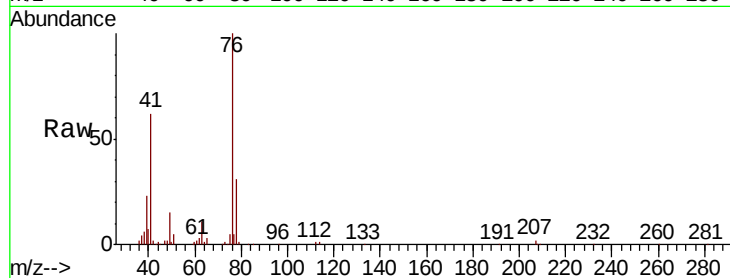




#57
 1,3-Dichloropropane
 Concen: 20.977 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

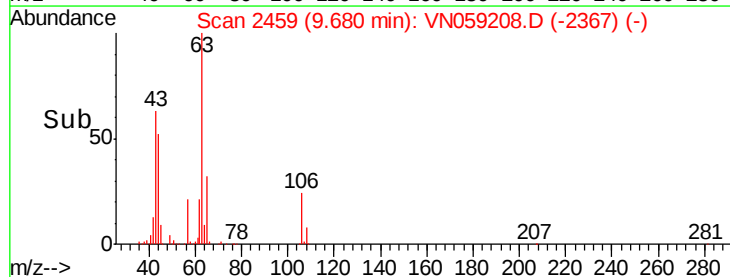
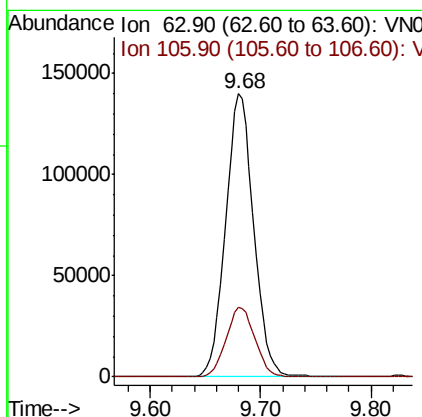
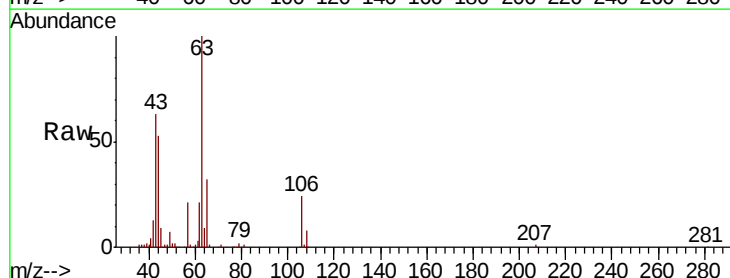
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

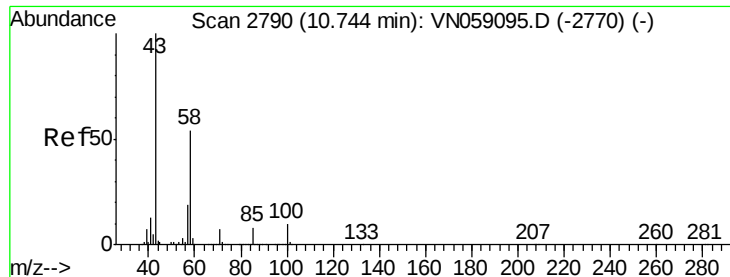
Tot Ion: 76 Resp: 153583
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.419 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

Tgt Ion: 63 Resp: 247201
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.2 30.2

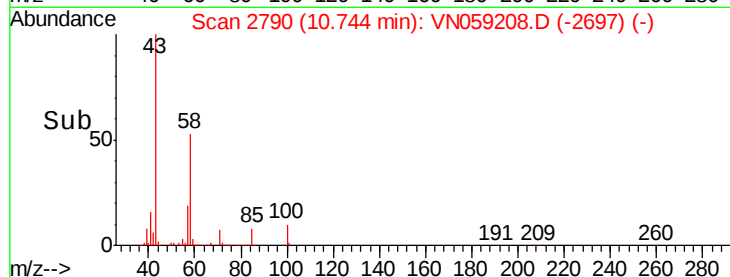
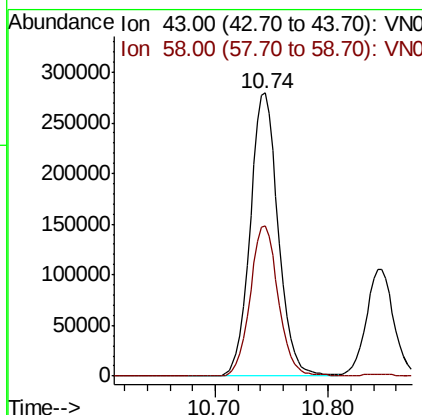
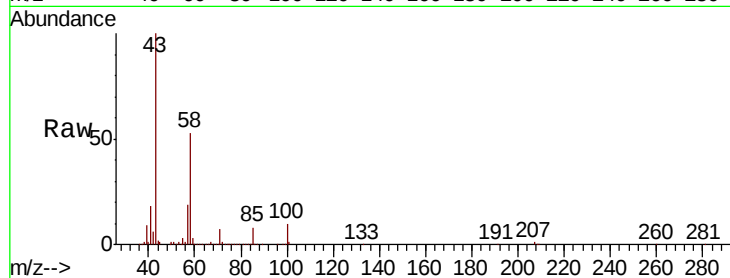




#59
2-Hexanone
Concen: 107.237 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

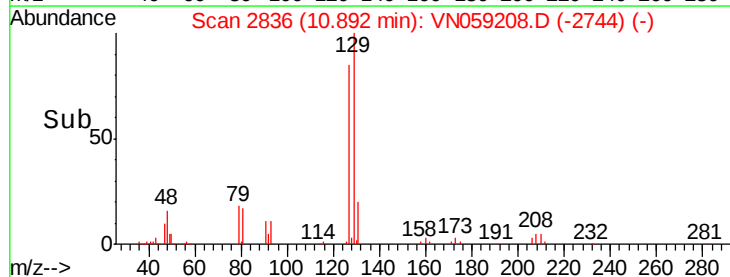
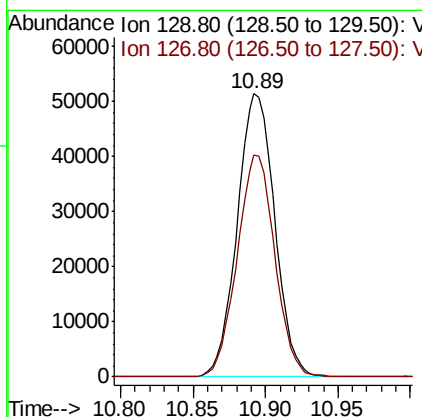
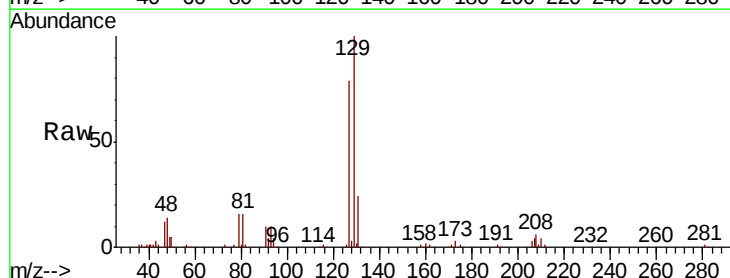
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

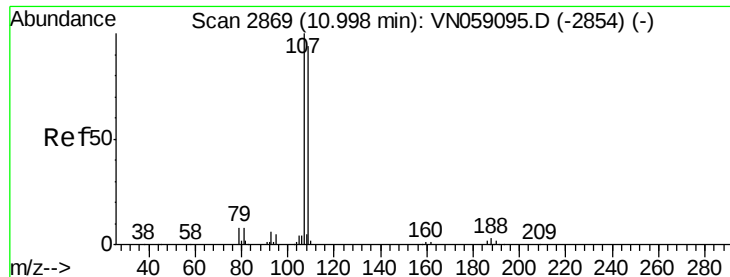
Tot Ion: 43 Resp: 481020
Ion Ratio Lower Upper
43 100
58 53.4 27.3 81.8



#60
Dibromochloromethane
Concen: 20.570 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion: 129 Resp: 92514
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.283 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampled :

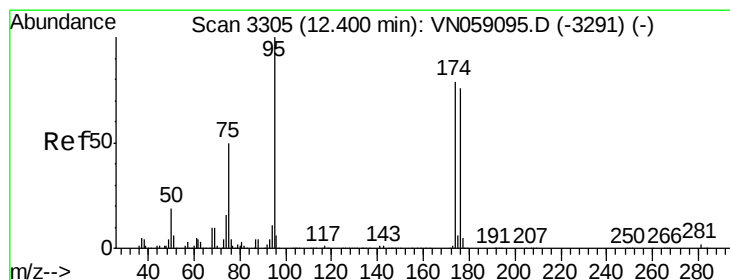
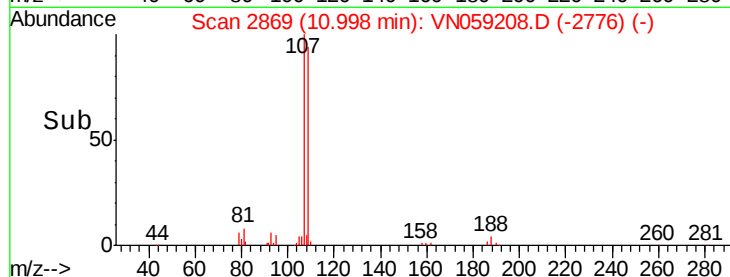
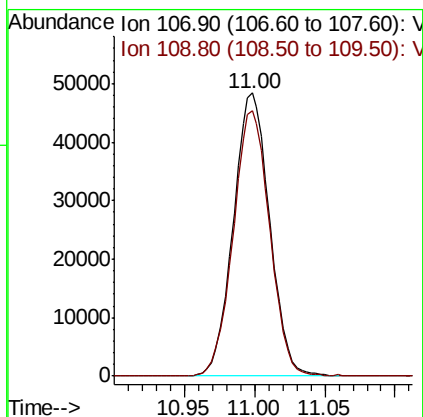
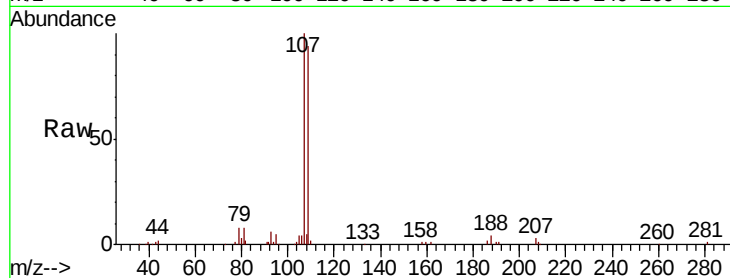
VN1113WBS01

Tot Ion:107 Resp: 87345

Ion Ratio Lower Upper

107 100

109 94.0 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 48.442 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

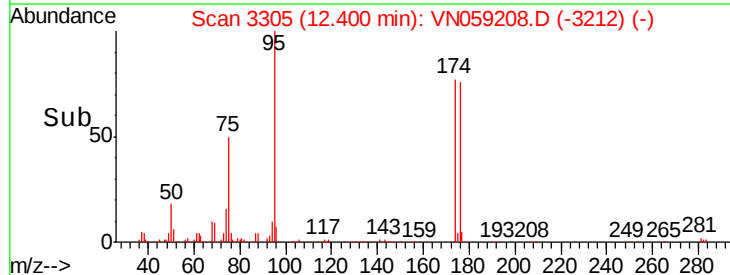
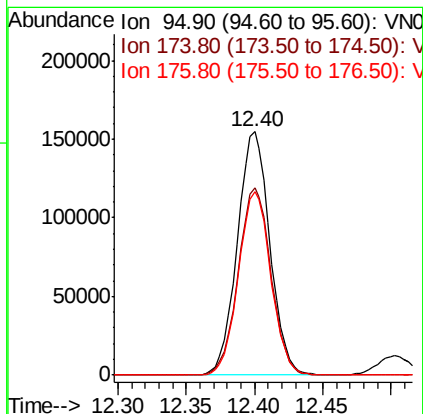
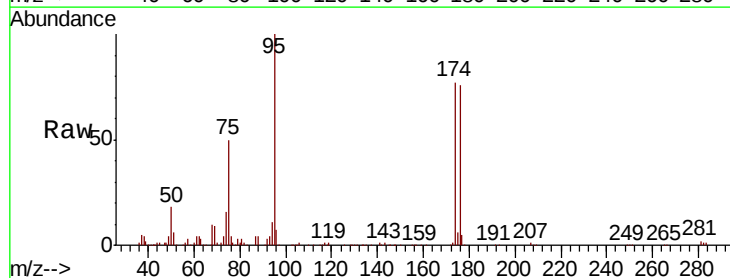
Tgt Ion: 95 Resp: 255936

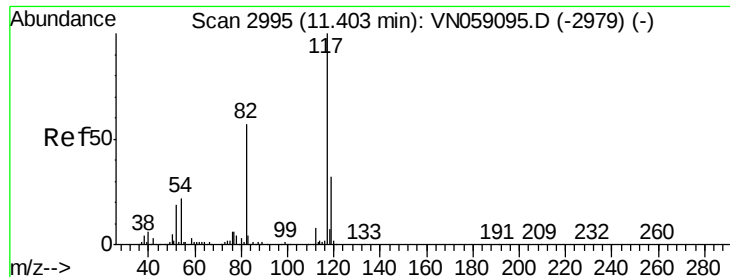
Ion Ratio Lower Upper

95 100

174 77.7 0.0 158.2

176 75.4 0.0 151.8

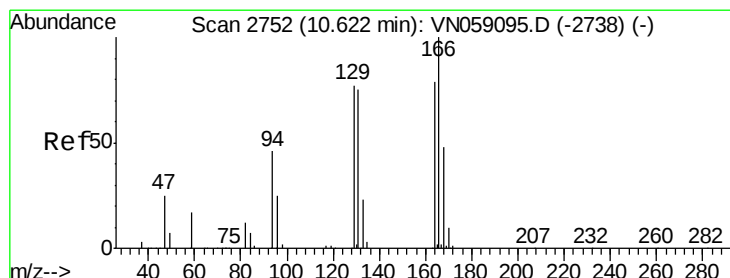
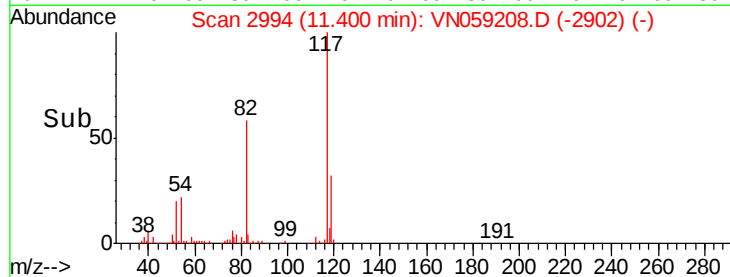
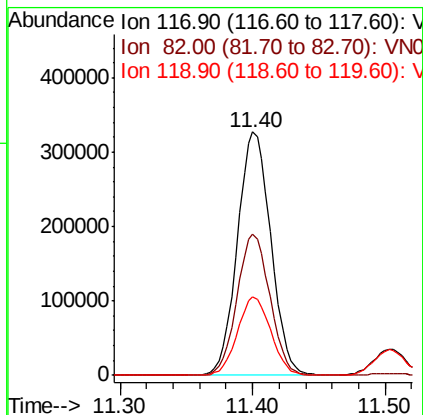
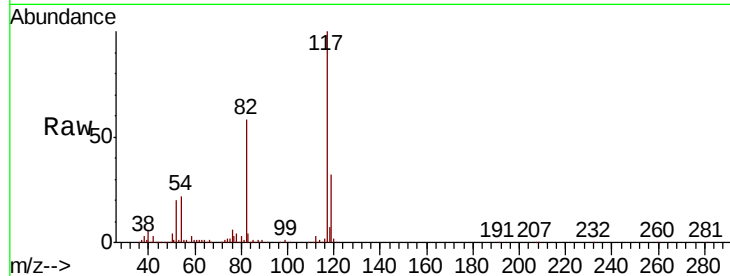




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

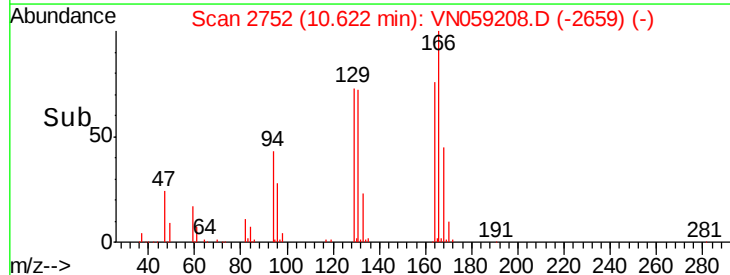
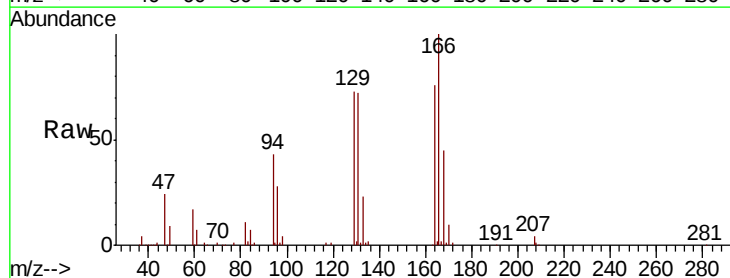
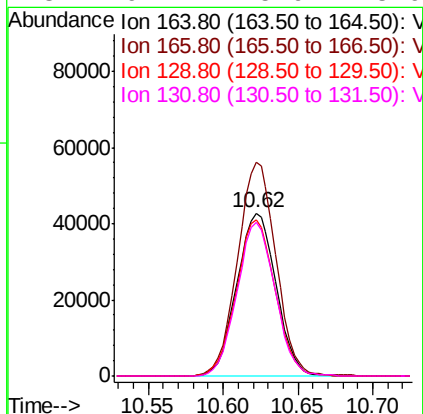
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tot Ion:117 Resp: 572761
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.8
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 20.064 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion:164 Resp: 78142
Ion Ratio Lower Upper
164 100
166 131.1 101.5 152.3
129 95.6 78.3 117.5
131 94.2 75.9 113.9





#65

Chlorobenzene

Concen: 20.121 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampled :

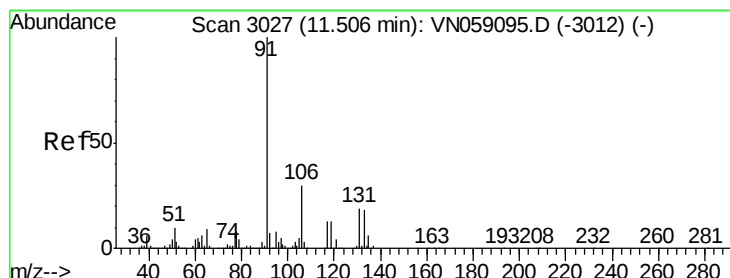
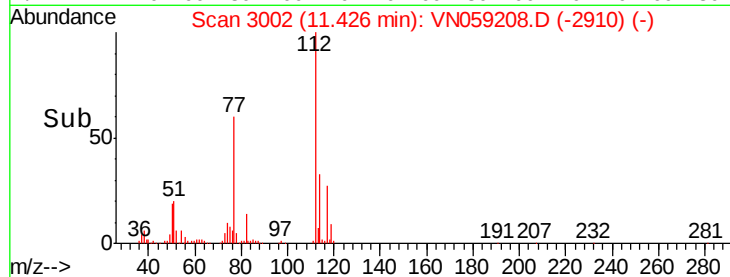
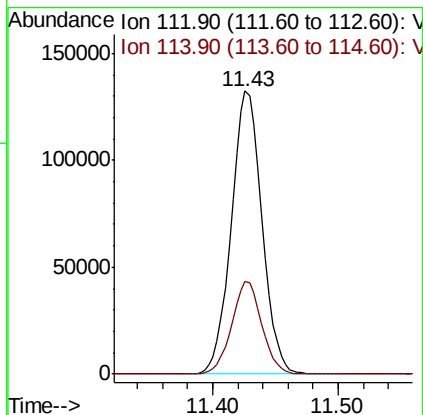
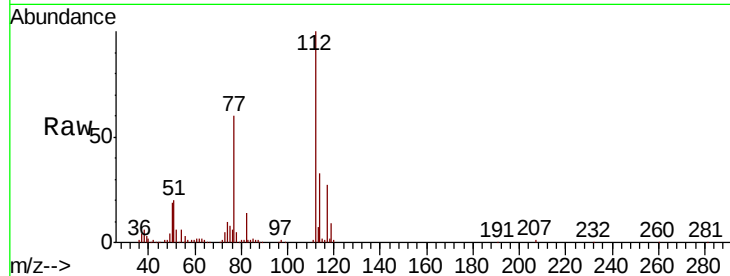
VN1113WBS01

Tot Ion:112 Resp: 224656

Ion Ratio Lower Upper

112 100

114 32.5 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.446 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

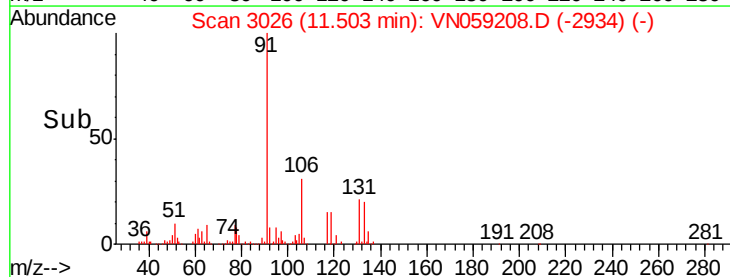
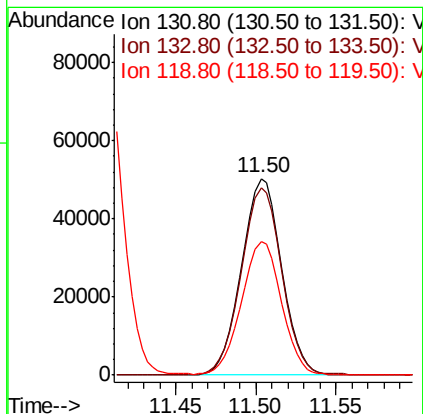
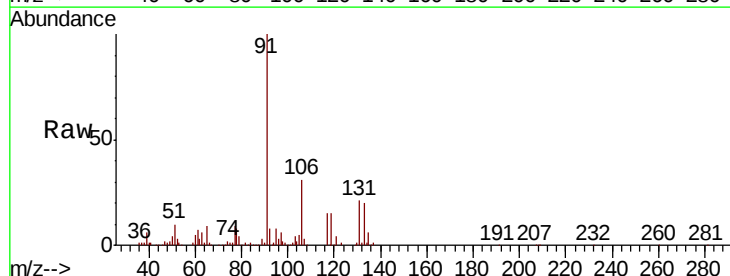
Tgt Ion:131 Resp: 85637

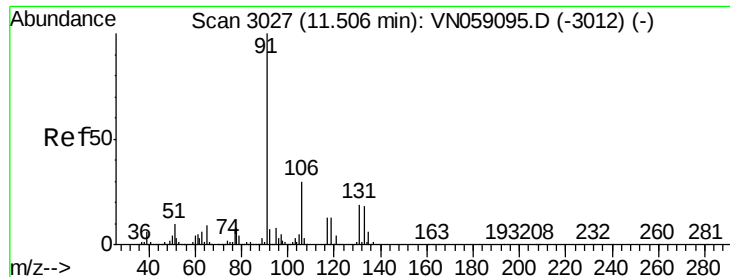
Ion Ratio Lower Upper

131 100

133 97.5 47.4 142.3

119 68.0 33.2 99.6

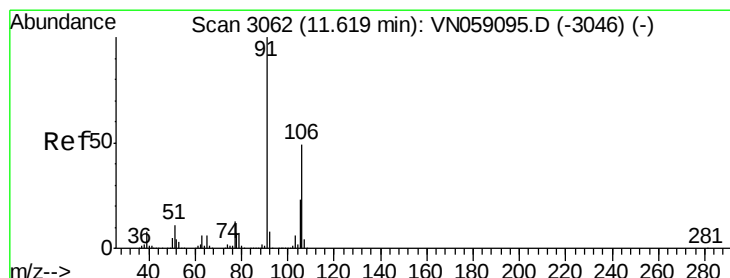
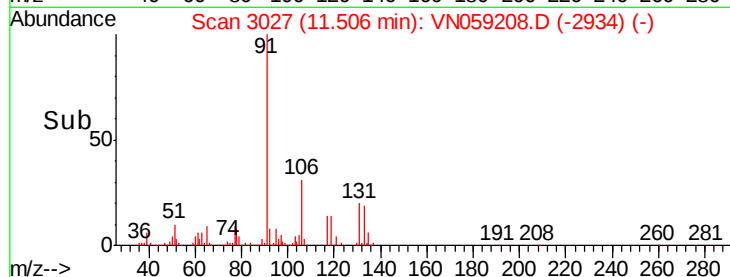
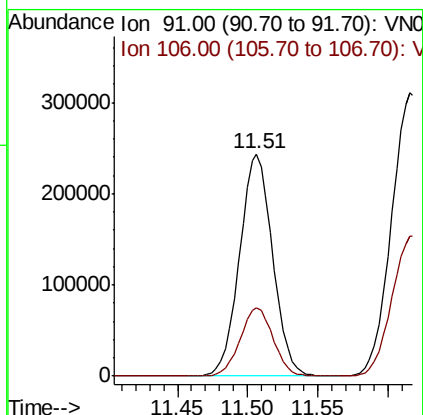
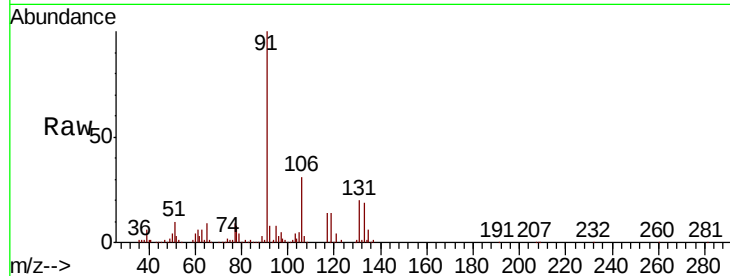




#67
Ethyl Benzene
Concen: 20.142 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

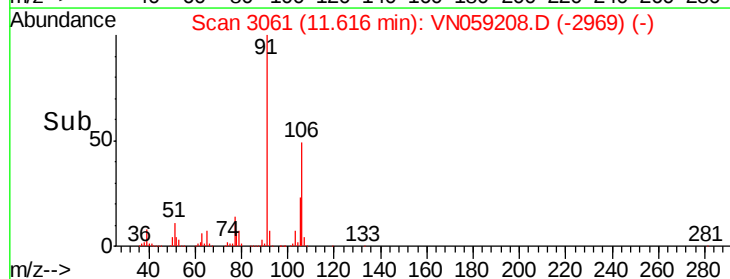
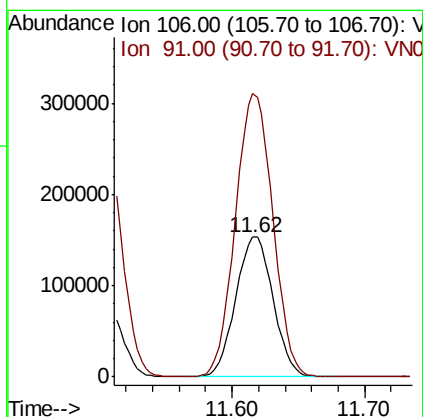
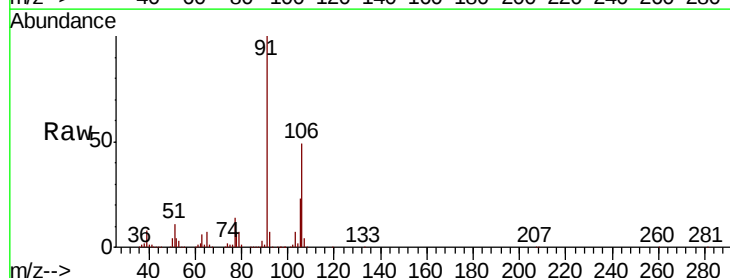
Instrument :
MSVOA_N
ClientSampled :
VN1113WBS01

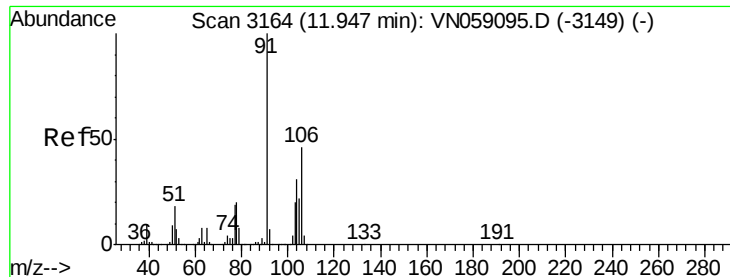
Tot Ion: 91 Resp: 399012
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1



#68
m/p-Xylenes
Concen: 40.434 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion: 106 Resp: 300045
Ion Ratio Lower Upper
106 100
91 202.9 164.7 247.1

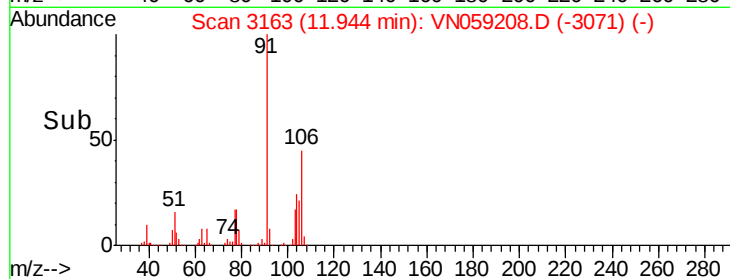
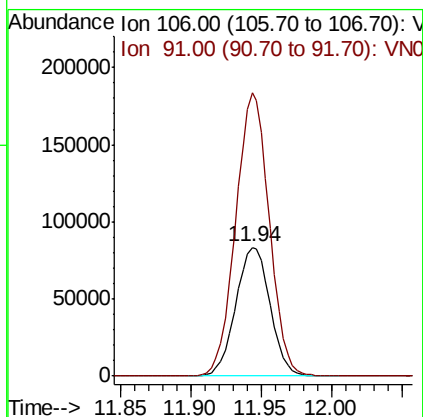
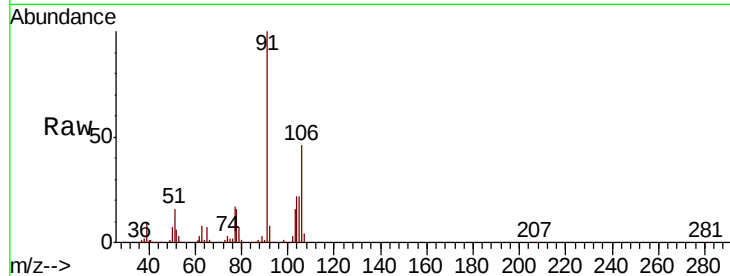




#69
o-Xylene
Concen: 19.878 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

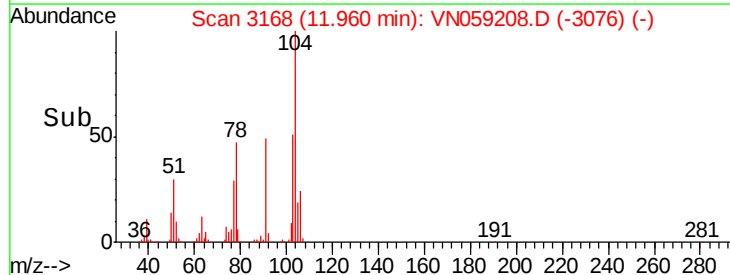
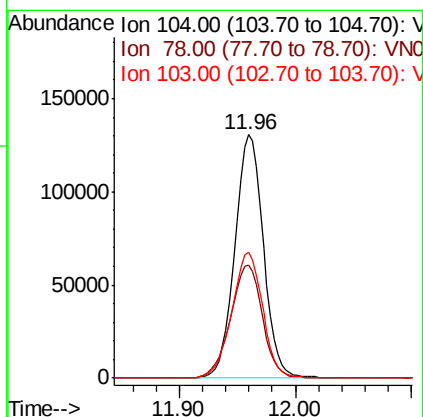
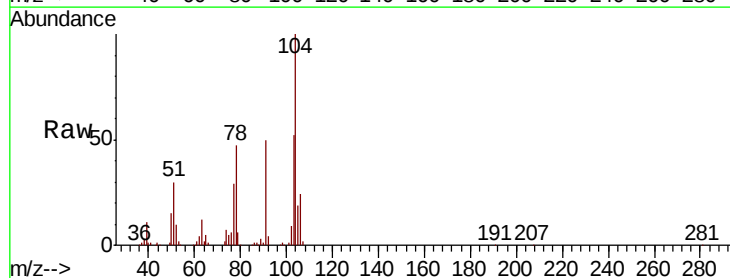
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

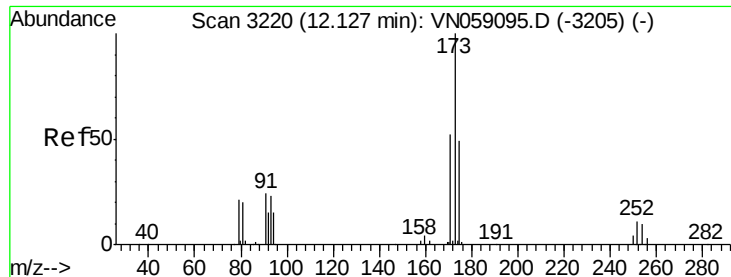
Tot Ion:106 Resp: 142550
Ion Ratio Lower Upper
106 100
91 214.6 110.1 330.3



#70
Styrene
Concen: 19.706 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion:104 Resp: 222253
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 56.0 43.8 65.6

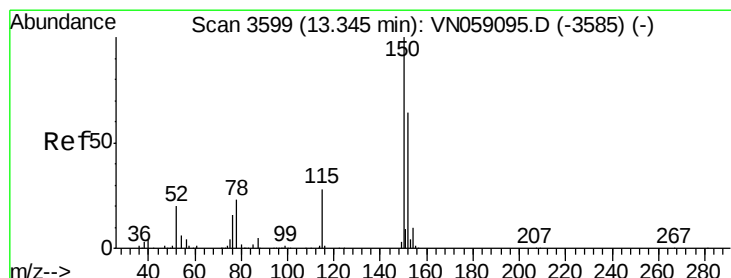
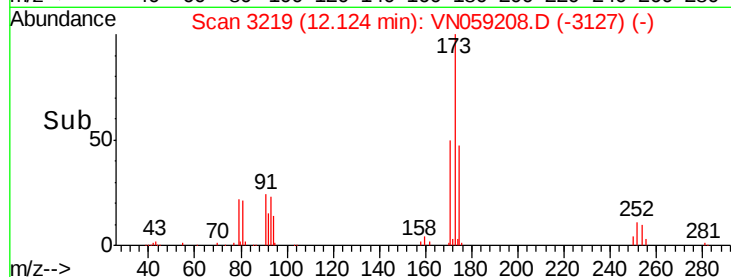
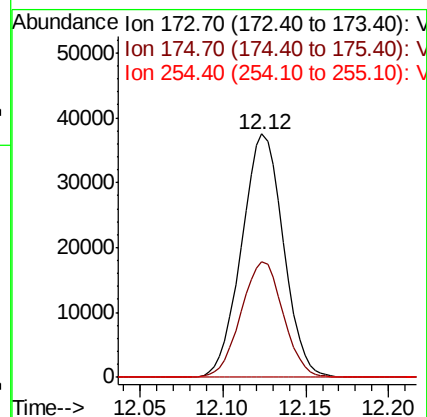
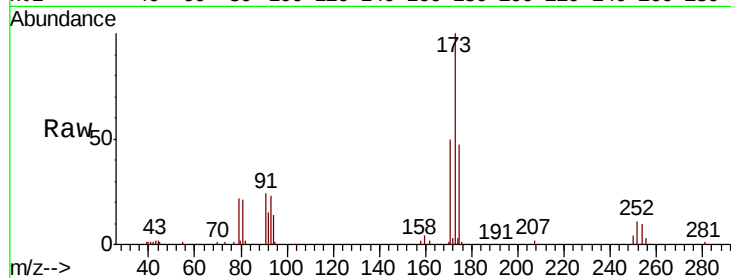




#71
Bromoform
Concen: 20.204 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

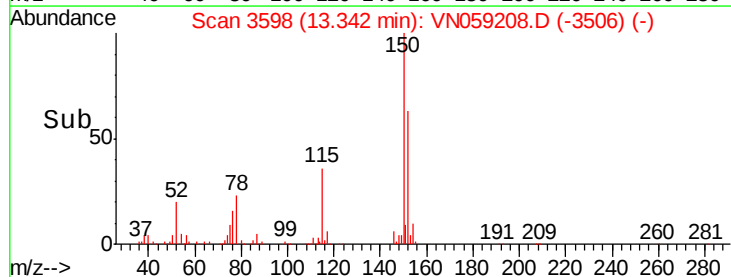
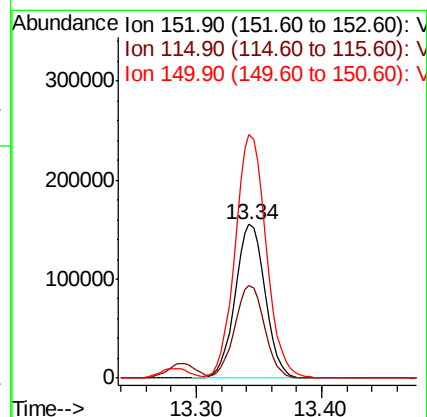
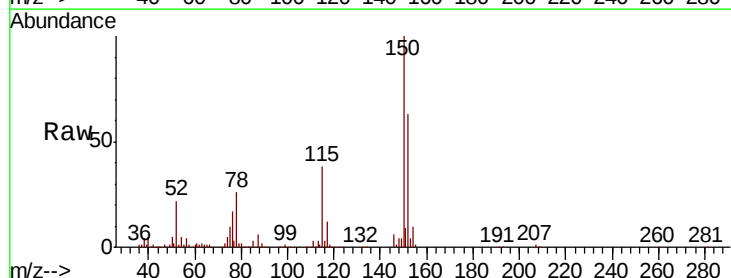
Instrument :
MSVOA_N
ClientSampled :
VN1113WBS01

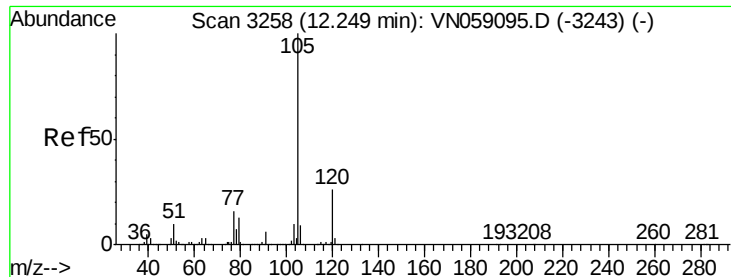
Tot Ion:173 Resp: 65822
Ion Ratio Lower Upper
173 100
175 47.7 24.2 72.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059208.D
Acq: 13 Nov 2019 10:06

Tgt Ion:152 Resp: 257963
Ion Ratio Lower Upper
152 100
115 59.8 29.4 88.2
150 163.4 0.0 345.8





#73

Isopropylbenzene

Concen: 20.485 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampled :

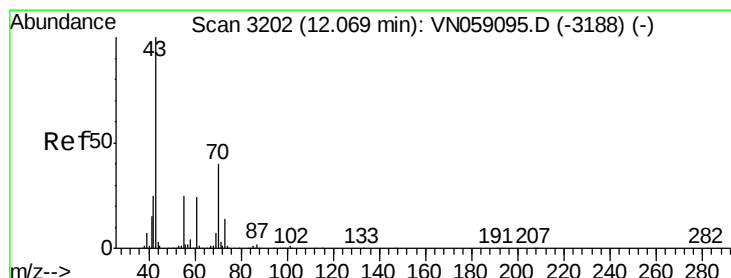
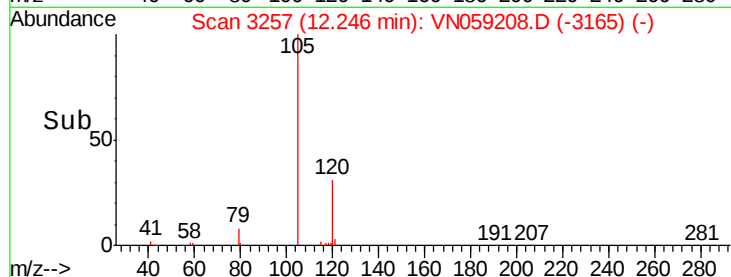
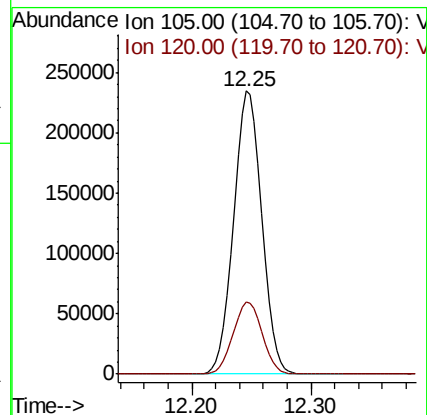
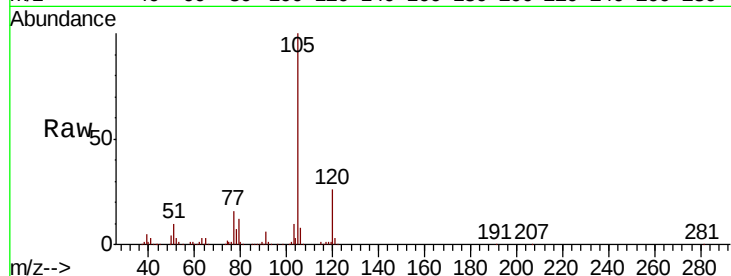
VN1113WBS01

Tot Ion: 105 Resp: 384382

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 19.374 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Tgt Ion: 43 Resp: 154047

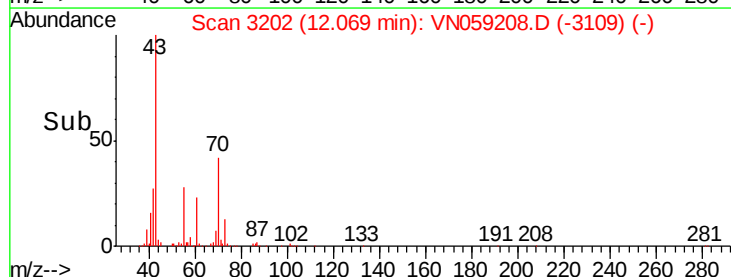
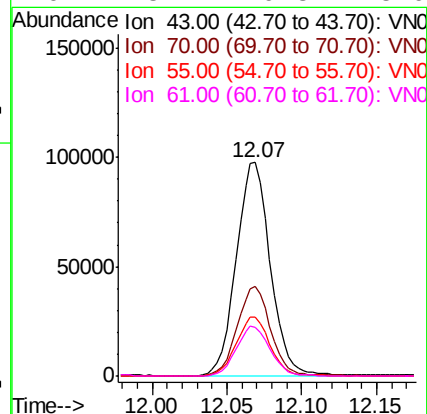
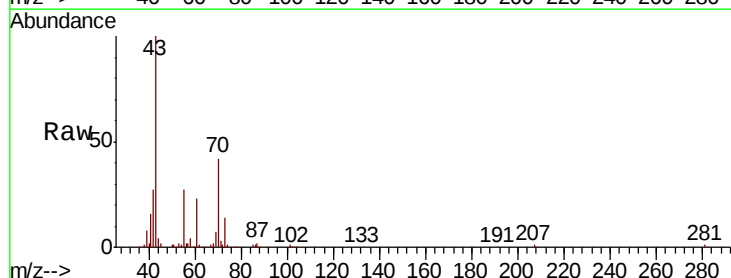
Ion Ratio Lower Upper

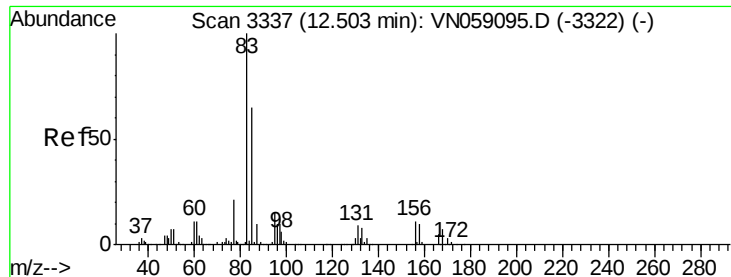
43 100

70 41.3 32.2 48.4

55 27.6 20.4 30.6

61 23.1 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.270 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

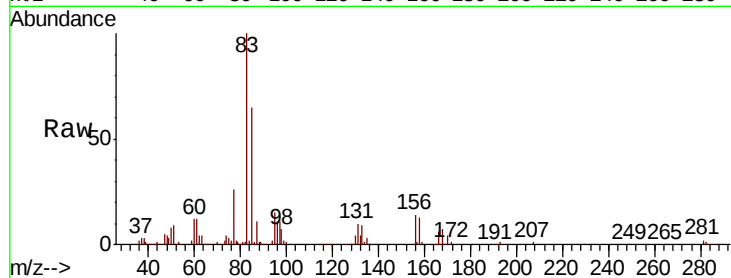
Tot Ion: 83 Resp: 135920

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

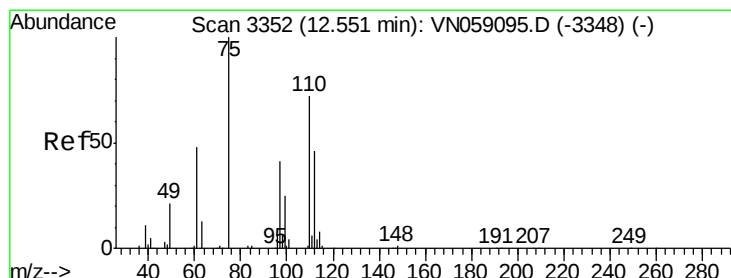
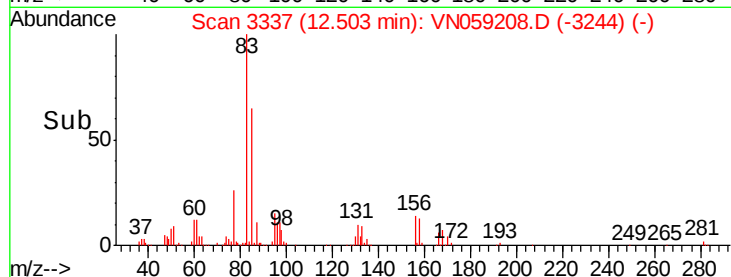
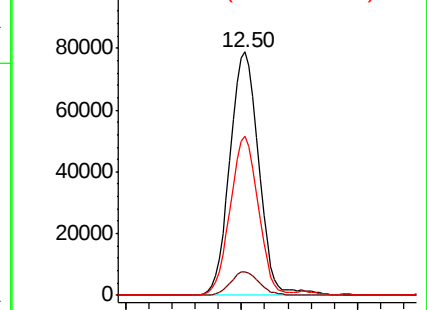
85 63.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059208.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059208.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059208.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 30.084 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN059208.D

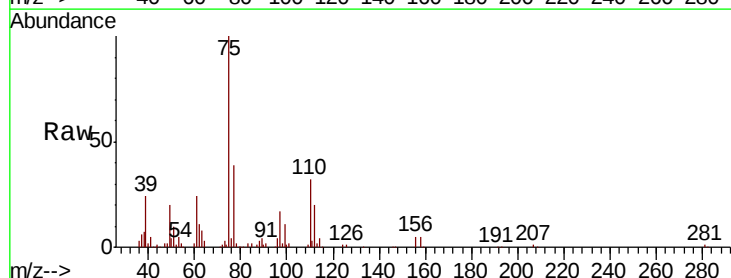
Acq: 13 Nov 2019 10:06

Tgt Ion: 75 Resp: 176682

Ion Ratio Lower Upper

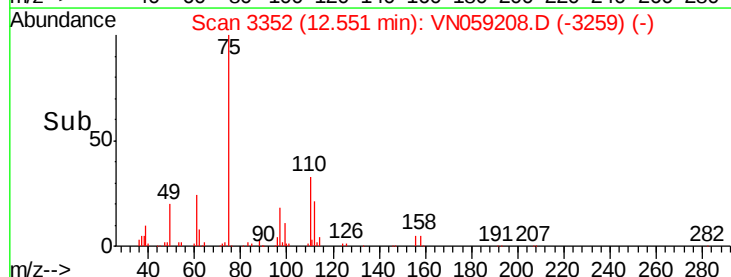
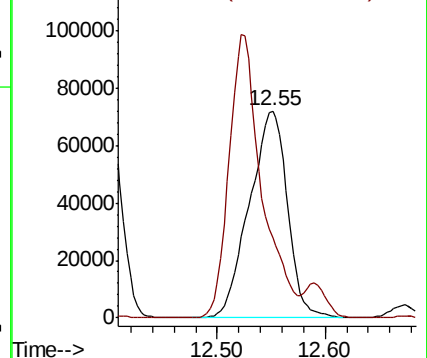
75 100

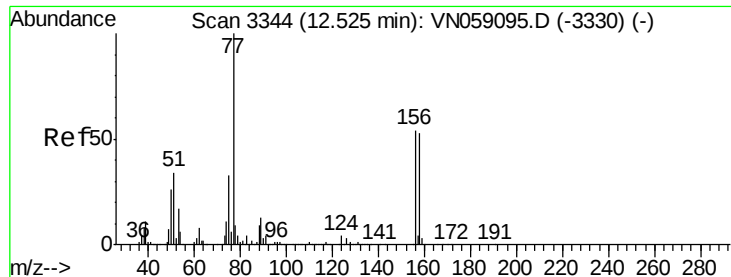
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059208.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN059208.D (-3259) (-)





#77

Bromobenzene

Concen: 19.730 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampled :

VN1113WBS01

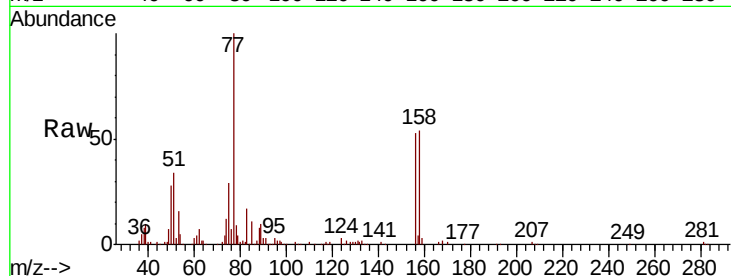
Tot Ion:156 Resp: 93015

Ion Ratio Lower Upper

156 100

77 226.0 112.8 338.3

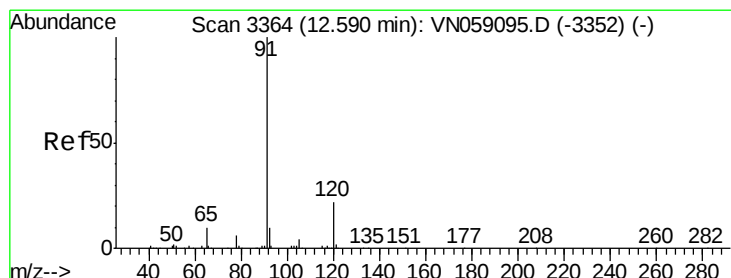
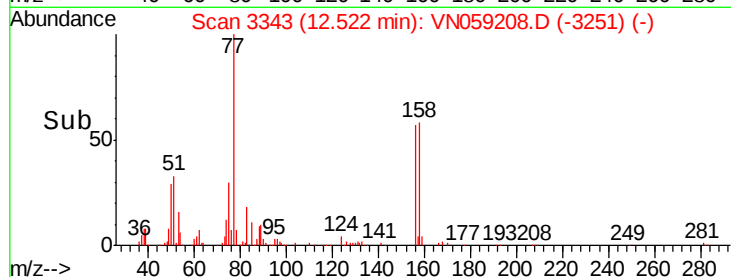
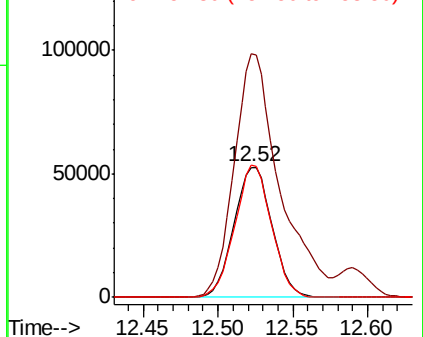
158 98.0 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.549 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059208.D

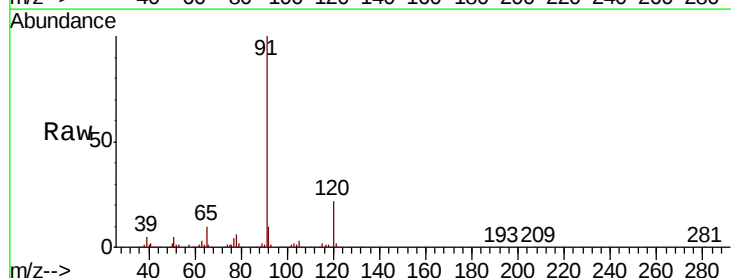
Acq: 13 Nov 2019 10:06

Tgt Ion: 91 Resp: 441495

Ion Ratio Lower Upper

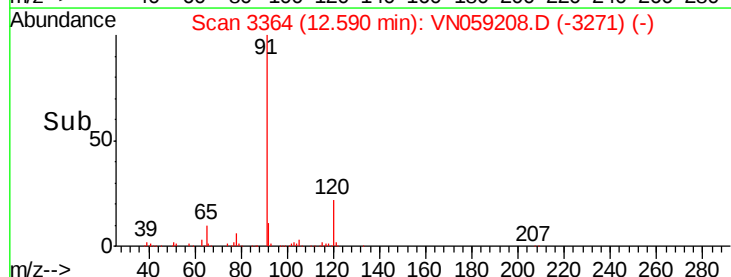
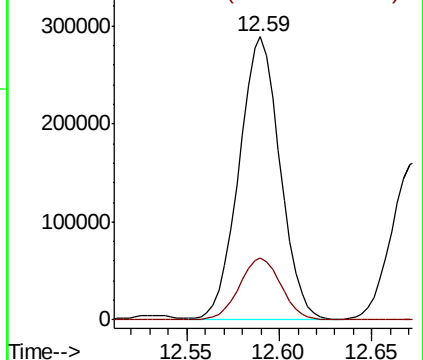
91 100

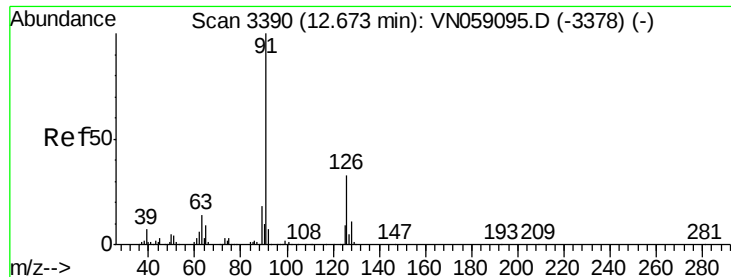
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.976 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

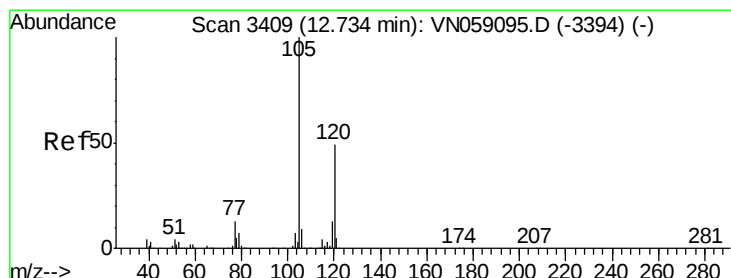
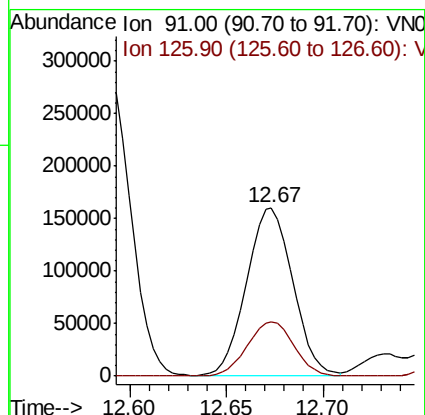
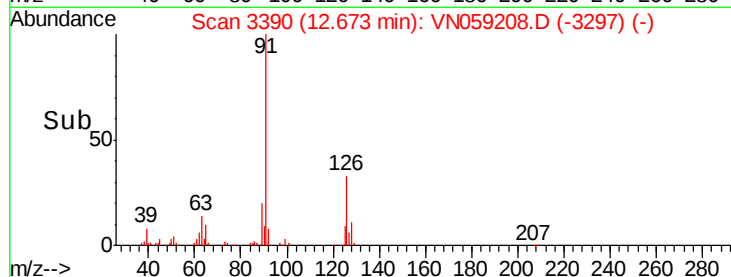
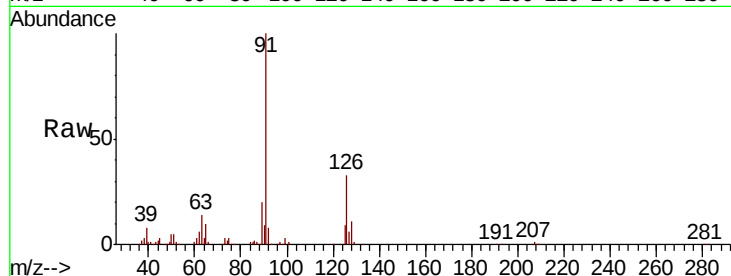
VN1113WBS01

Tot Ion: 91 Resp: 266242

Ion Ratio Lower Upper

91 100

126 32.9 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 20.465 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059208.D

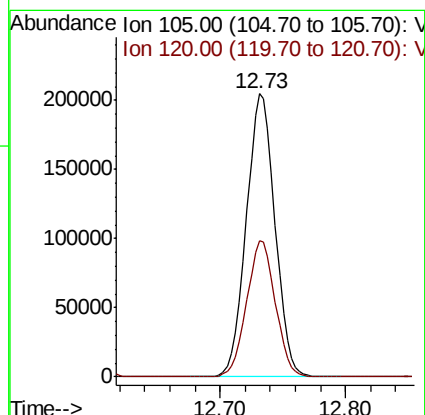
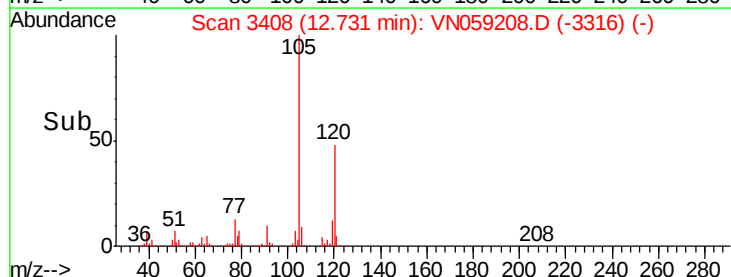
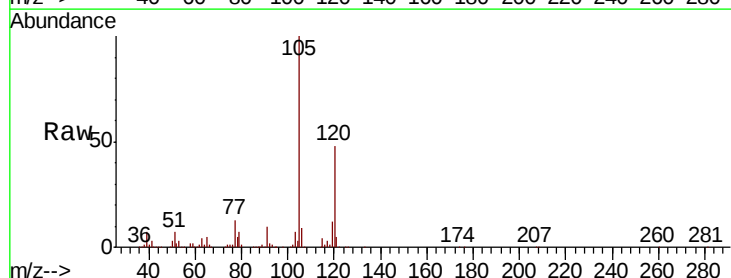
Acq: 13 Nov 2019 10:06

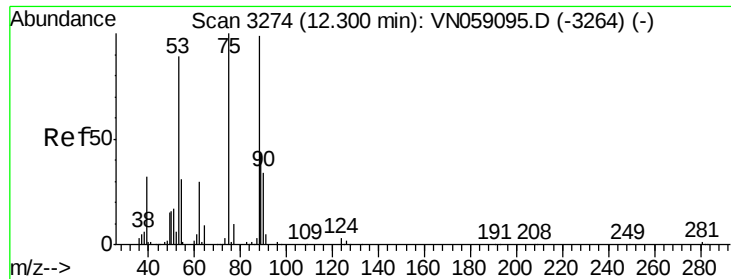
Tgt Ion: 105 Resp: 325400

Ion Ratio Lower Upper

105 100

120 48.2 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.669 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

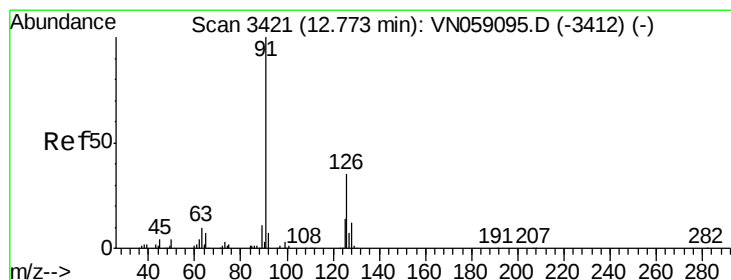
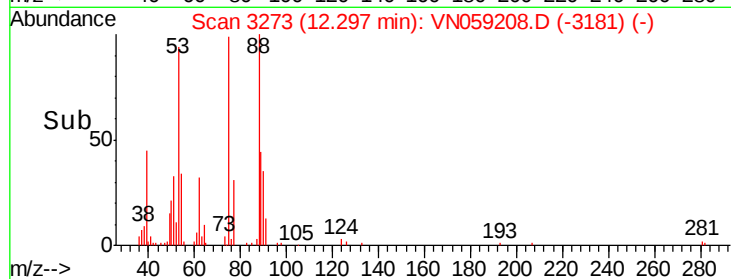
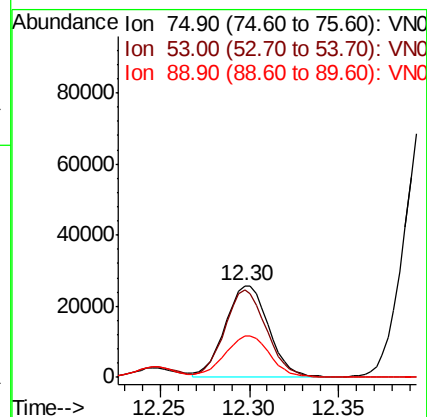
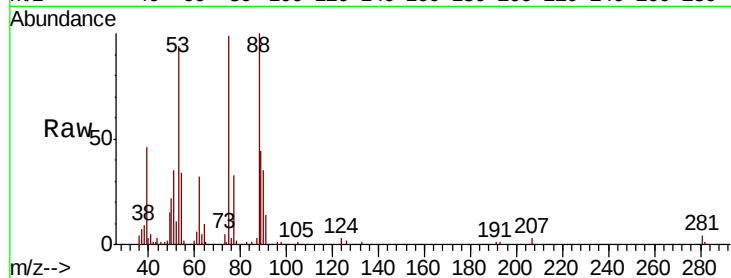
Tot Ion: 75 Resp: 43734

Ion Ratio Lower Upper

75 100

53 92.5 72.2 108.2

89 46.6 35.8 53.8



#82

4-Chlorotoluene

Concen: 20.038 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059208.D

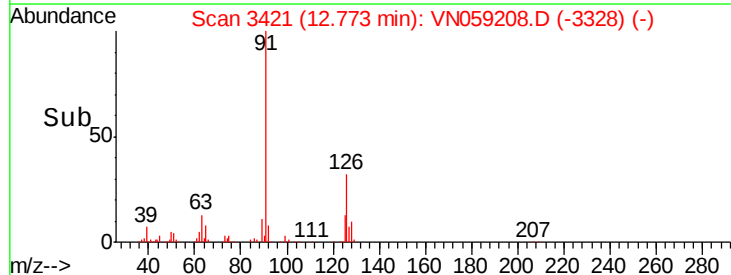
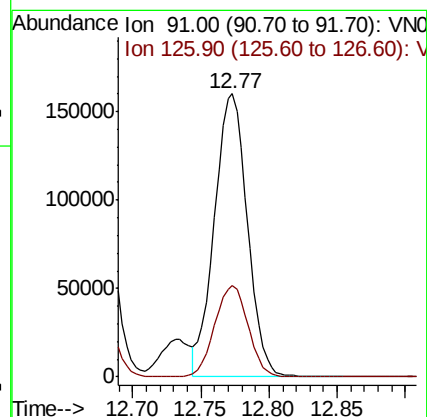
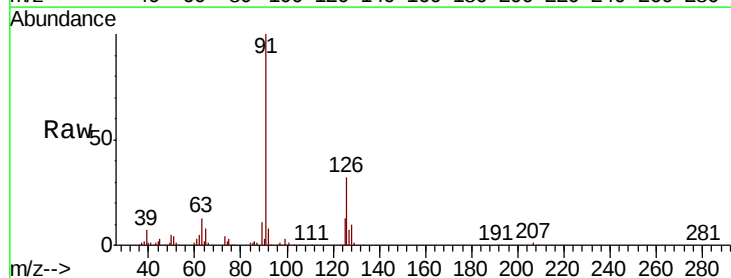
Acq: 13 Nov 2019 10:06

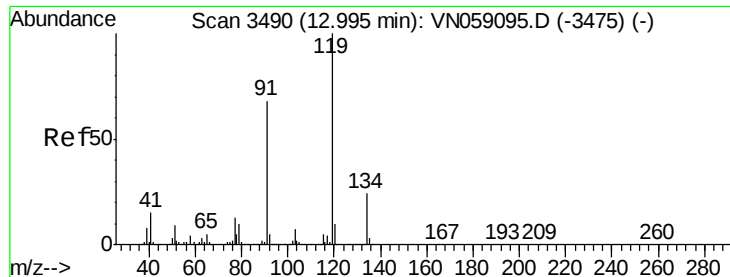
Tgt Ion: 91 Resp: 267865

Ion Ratio Lower Upper

91 100

126 32.8 16.1 48.2





#83

tert-Butylbenzene

Concen: 20.034 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampled :

VN1113WBS01

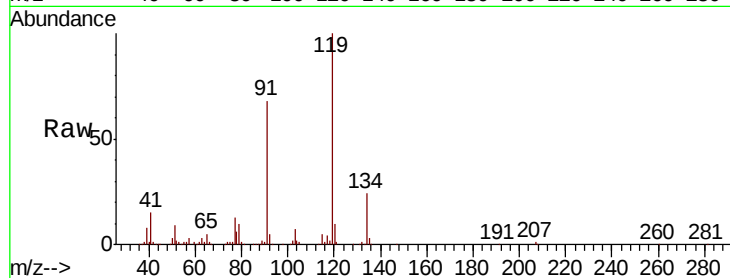
Tot Ion:119 Resp: 275087

Ion Ratio Lower Upper

119 100

91 66.9 33.2 99.6

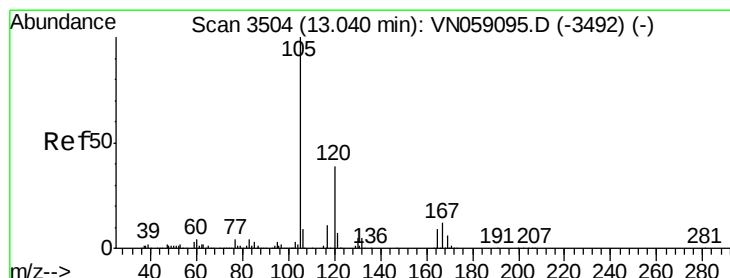
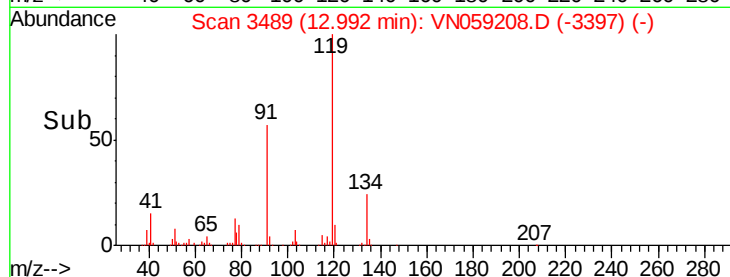
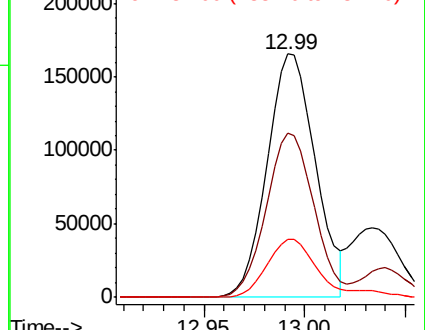
134 24.1 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.543 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059208.D

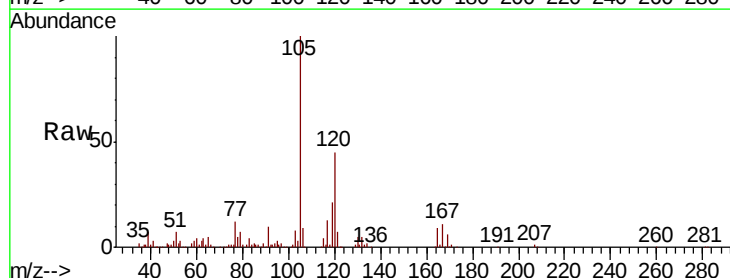
Acq: 13 Nov 2019 10:06

Tgt Ion:105 Resp: 316018

Ion Ratio Lower Upper

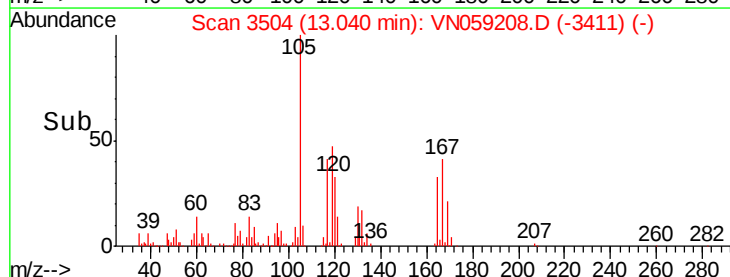
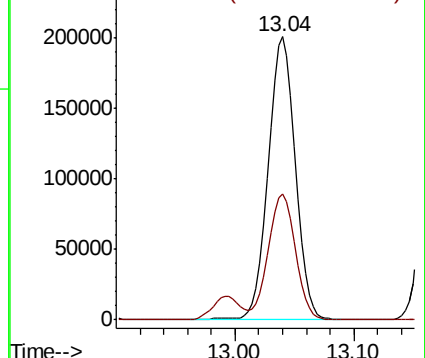
105 100

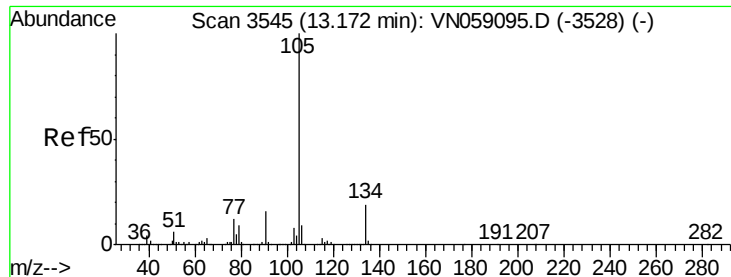
120 44.7 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.562 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampled :

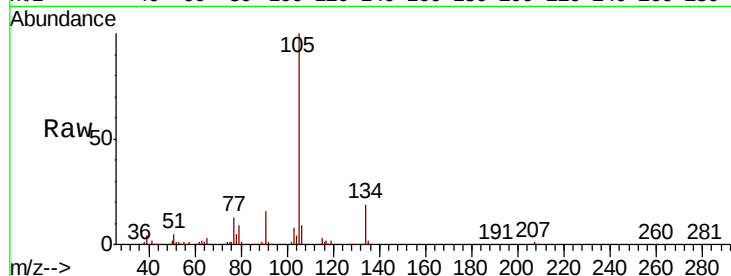
VN1113WBS01

Tot Ion:105 Resp: 367184

Ion Ratio Lower Upper

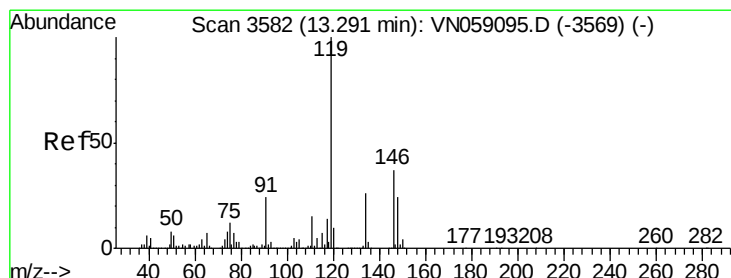
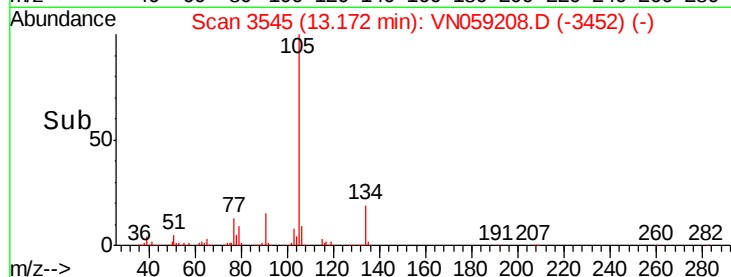
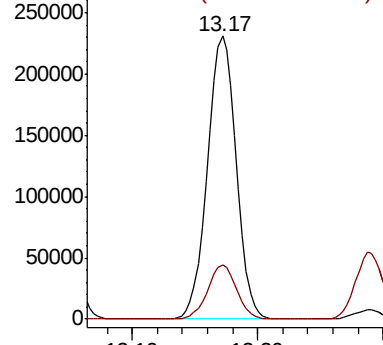
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.608 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

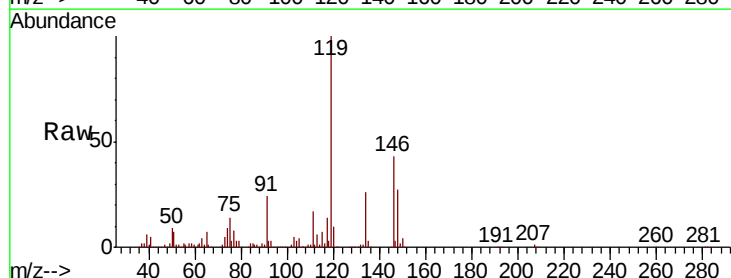
Tgt Ion:119 Resp: 324937

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

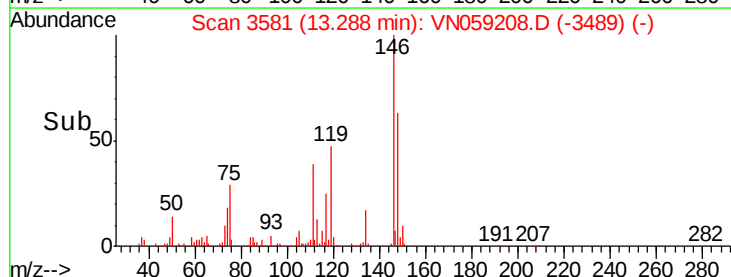
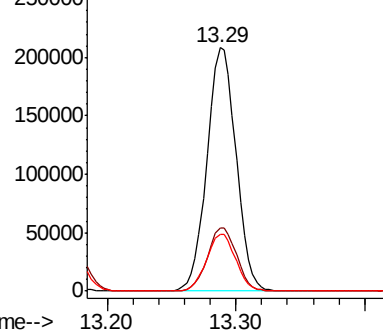
91 23.5 11.7 35.1

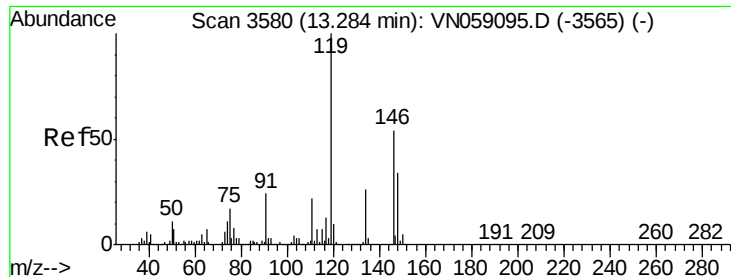


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.149 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

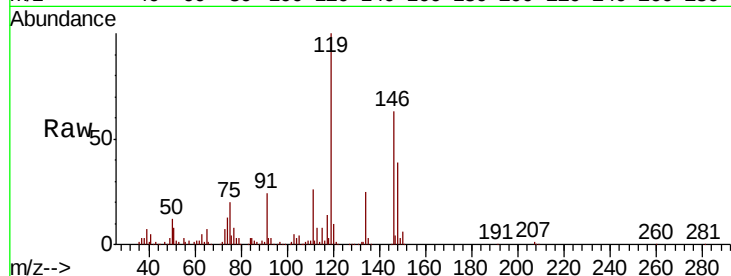
Tot Ion:146 Resp: 162664

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

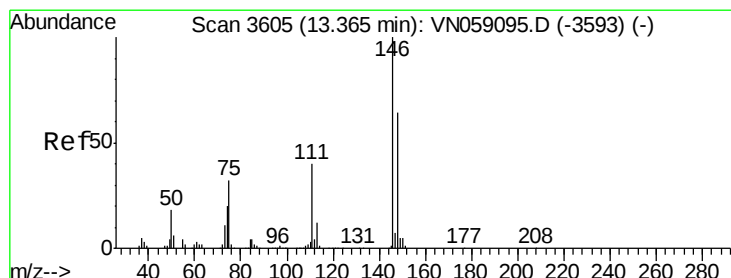
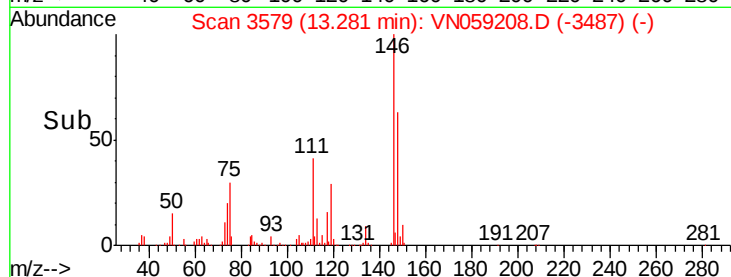
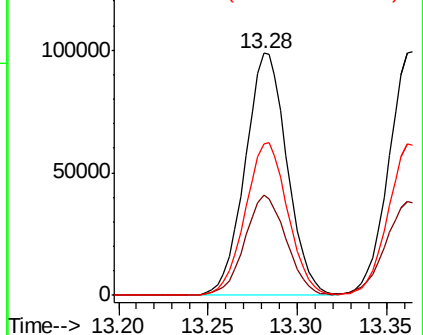
148 63.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.038 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

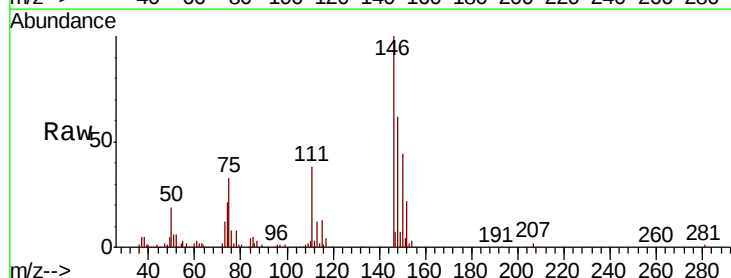
Tgt Ion:146 Resp: 161850

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

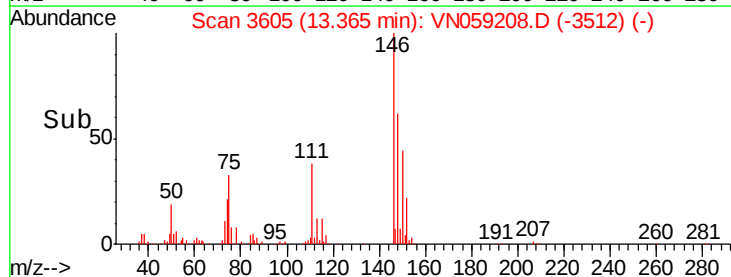
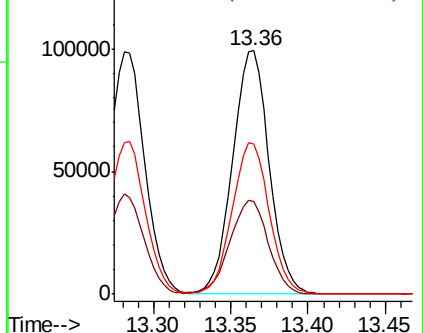
148 63.5 31.9 95.7



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: 19.438 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

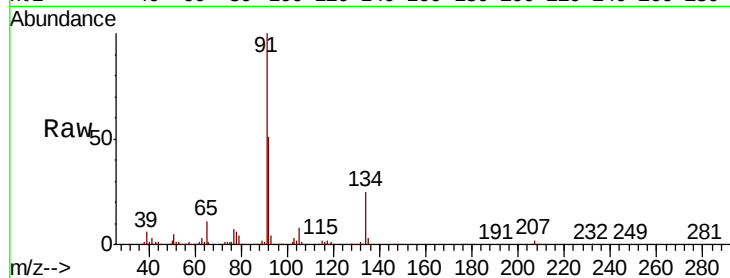
MSVOA_N

ClientSampleId :

VN1113WBS01

Tot Ion: 91 Resp: 268250

Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.1	78.3
134	25.0	12.6	37.8

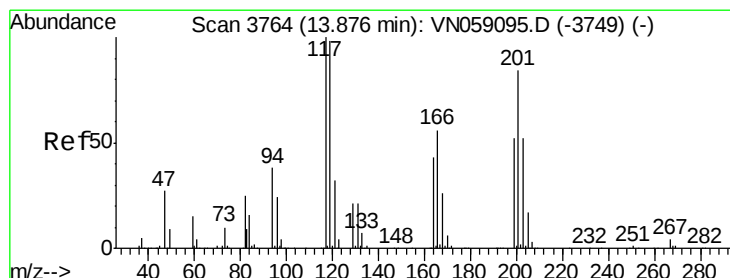
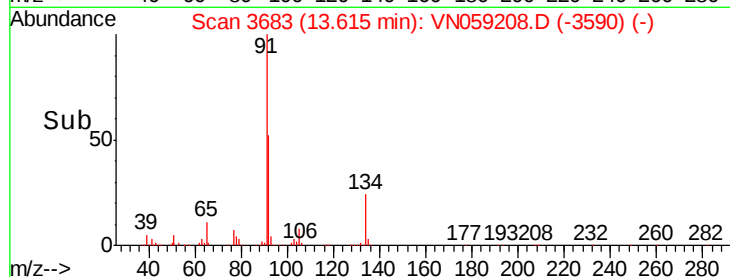
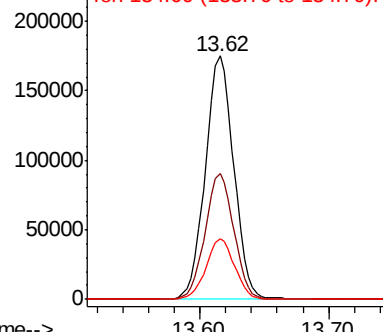


Abundance

Ion 91.00 (90.70 to 91.70): VN059208.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN059208.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN059208.D (-3668) (-)



#90

Hexachloroethane

Concen: 19.805 ug/l

RT: 13.88 min Scan# 3764

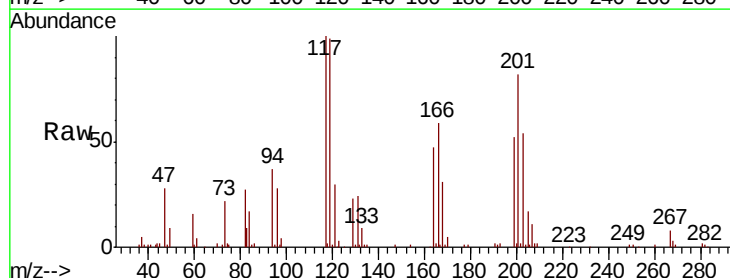
Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Tgt Ion: 117 Resp: 62706

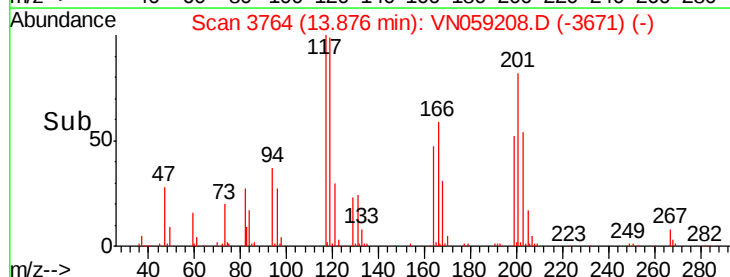
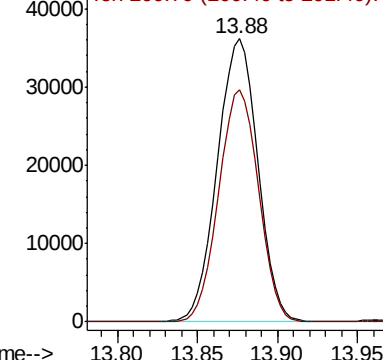
Ion	Ratio	Lower	Upper
117	100		
201	80.6	41.8	125.3

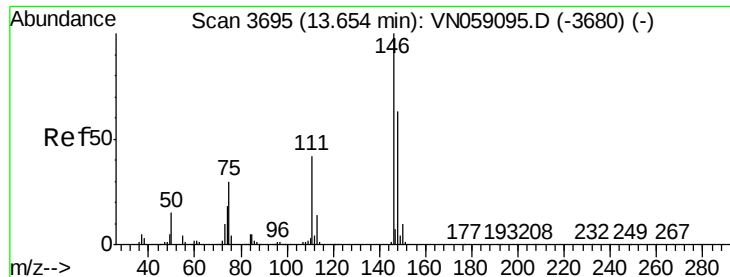


Abundance

Ion 116.80 (116.50 to 117.50): VN059208.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN059208.D (-3749) (-)

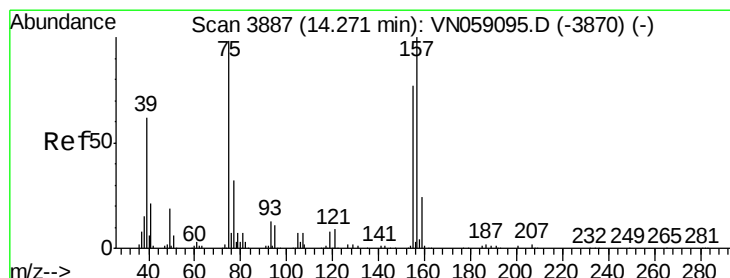
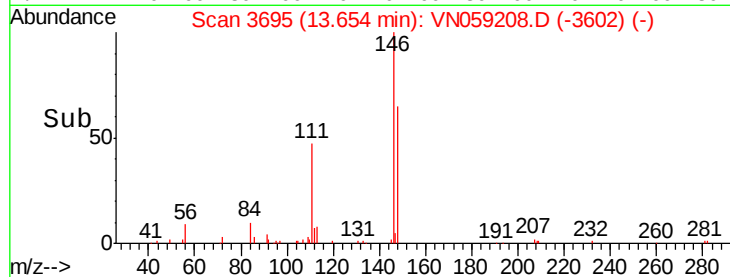
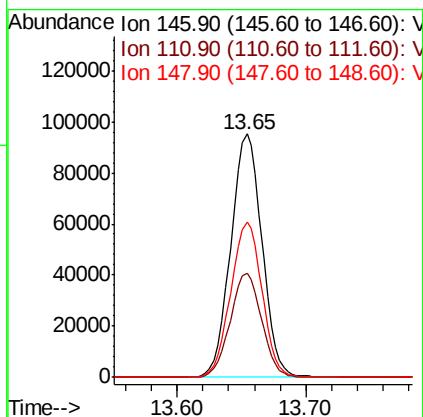
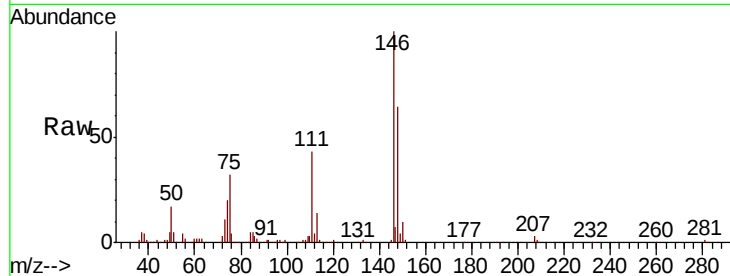




#91
 1,2-Dichlorobenzene
 Concen: 20.130 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

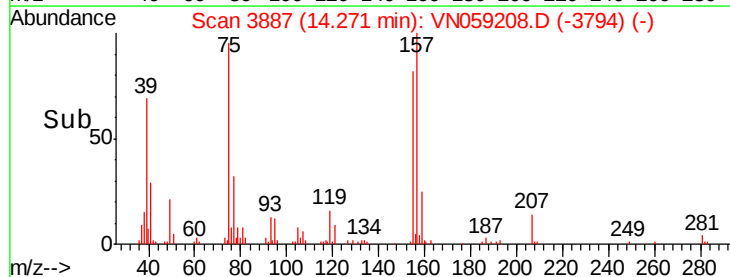
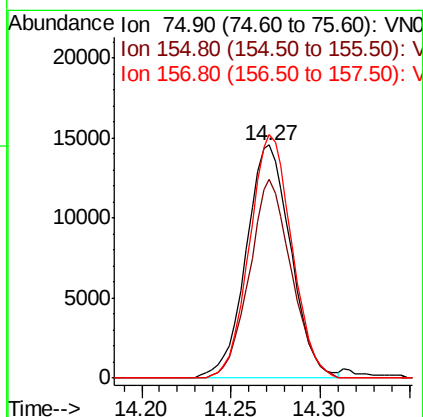
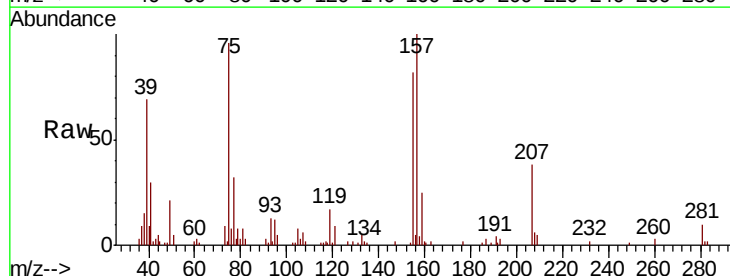
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.2	63.6
148	64.0	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.022 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059208.D
 Acq: 13 Nov 2019 10:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	40.2	120.6
157	99.0	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.771 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

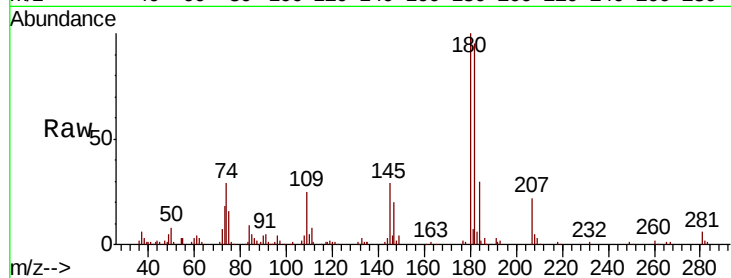
Tot Ion:180 Resp: 80679

Ion Ratio Lower Upper

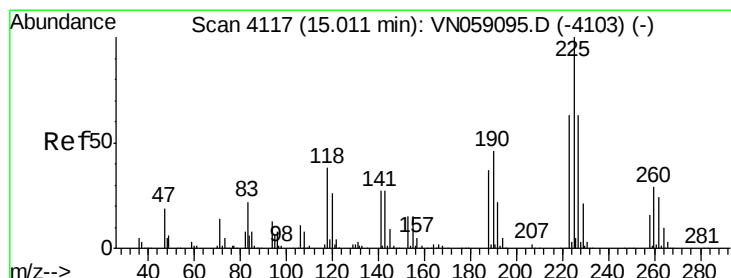
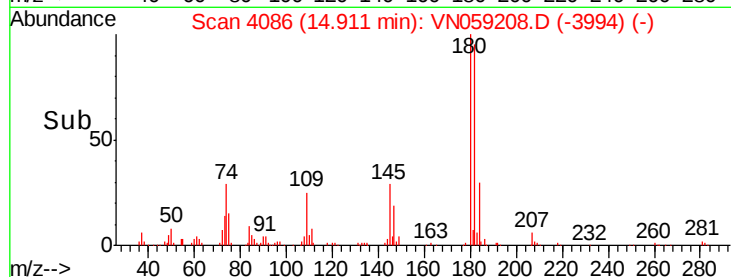
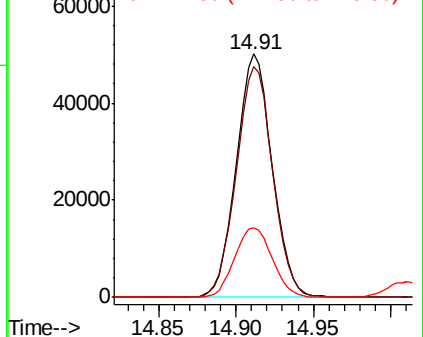
180 100

182 96.2 48.1 144.3

145 30.3 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.315 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

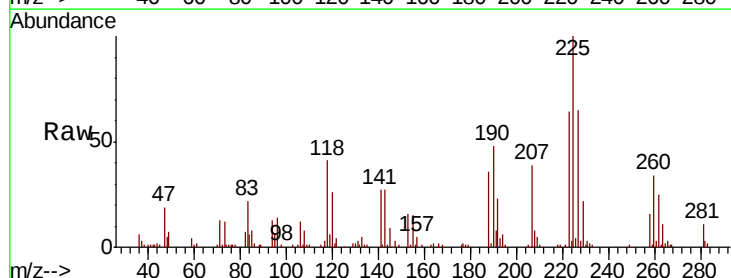
Tgt Ion:225 Resp: 55626

Ion Ratio Lower Upper

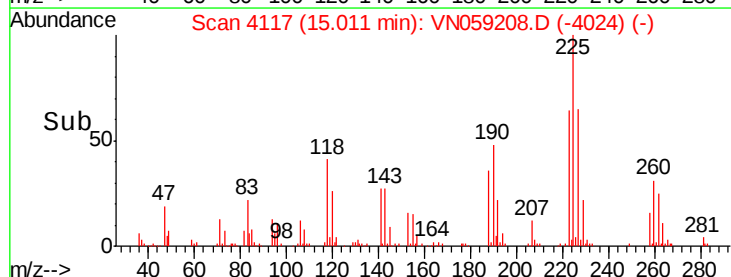
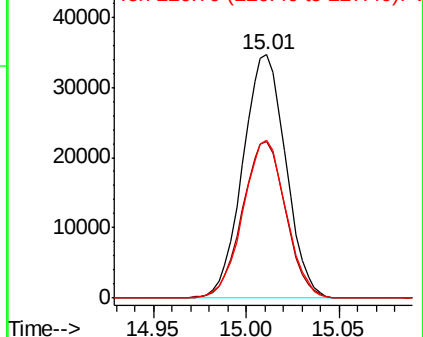
225 100

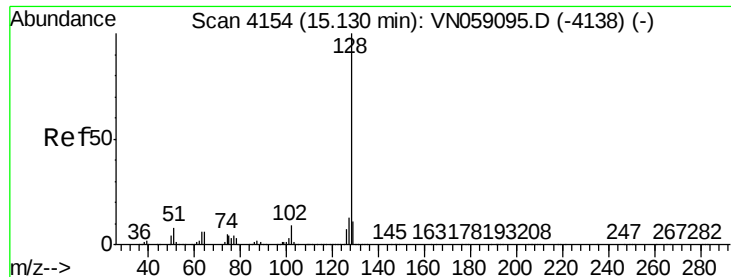
223 65.0 31.3 93.9

227 64.9 31.5 94.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.841 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

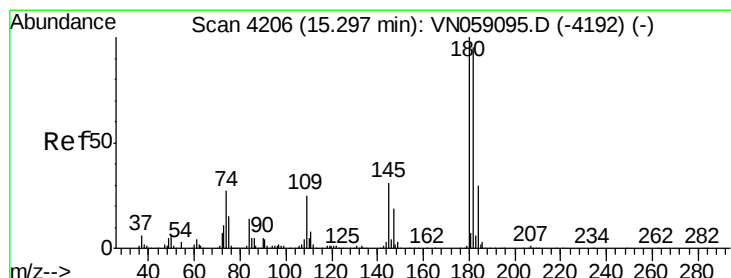
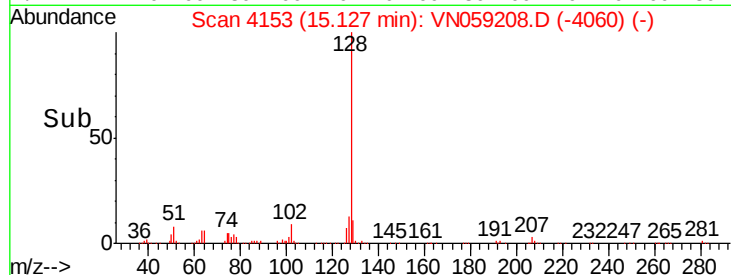
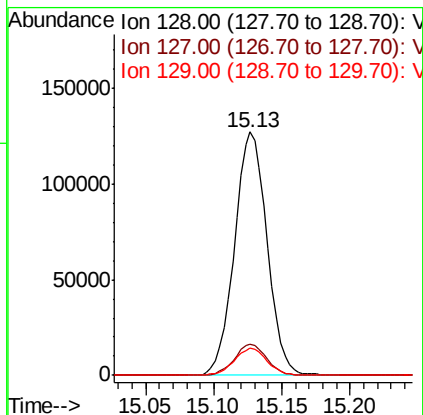
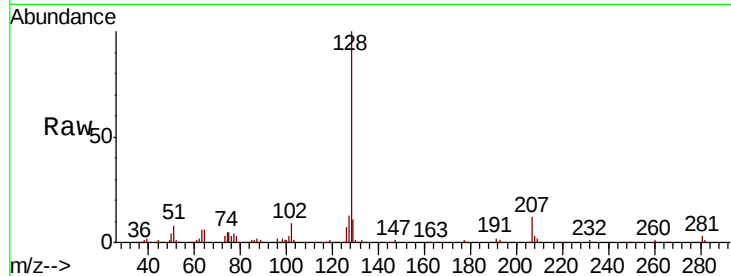
Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

Tot Ion:	128	Resp:	210617
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.2	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.299 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VN059208.D

Acq: 13 Nov 2019 10:06

Tgt Ion:	180	Resp:	85890
Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.3	141.8
145	31.5	15.8	47.3

