

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059303.D
 Acq On : 19 Nov 2019 13:29
 Operator : JC/SP
 Sample : VN1119WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 00:45:23 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	7.65	168	383171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	600931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	530774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	217031	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
35) Dibromofluoromethane	7.57	113	176828	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.08	98	652390	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
62) 4-Bromofluorobenzene	12.40	95	239343	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	117292	30.382	ug/l	100
3) Chloromethane	2.04	50	132344	25.219	ug/l	98
4) Vinyl Chloride	2.17	62	141441	27.799	ug/l	99
5) Bromomethane	2.55	94	73339	25.048	ug/l	99
6) Chloroethane	2.69	64	72777	24.180	ug/l	98
7) Trichlorofluoromethane	3.00	101	141965	23.328	ug/l	98
8) Diethyl Ether	3.39	74	57229	23.144	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	88209	24.040	ug/l	99
10) Methyl Iodide	3.93	142	100276	22.078	ug/l	100
11) Tert butyl alcohol	4.75	59	100912	112.417	ug/l	99
12) 1,1-Dichloroethene	3.72	96	87676	24.529	ug/l	93
13) Acrolein	3.58	56	34855	75.311	ug/l	99
14) Allyl chloride	4.30	41	161331	21.973	ug/l	99
15) Acrylonitrile	4.95	53	261972	117.268	ug/l	100
16) Acetone	3.79	43	221914	90.600	ug/l	98
17) Carbon Disulfide	4.03	76	274602	24.748	ug/l	100
18) Methyl Acetate	4.30	43	147925	25.444	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	289289	23.508	ug/l	98
20) Methylene Chloride	4.53	84	99500	23.317	ug/l	93
21) trans-1,2-Dichloroethene	5.01	96	92919	24.218	ug/l	97
22) Diisopropyl ether	5.92	45	308855	22.270	ug/l	96
23) Vinyl Acetate	5.87	43	1242057	115.559	ug/l	100
24) 1,1-Dichloroethane	5.82	63	176743	22.818	ug/l	99
25) 2-Butanone	6.81	43	348085	107.829	ug/l	98
26) 2,2-Dichloropropane	6.80	77	149796	22.116	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	103374	23.224	ug/l	98
28) Bromochloromethane	7.17	49	32578	13.980	ug/l	98
29) Tetrahydrofuran	7.19	42	236703	115.400	ug/l	96
30) Chloroform	7.35	83	168698	22.704	ug/l	100
31) Cyclohexane	7.63	56	169532	23.119	ug/l	92
32) 1,1,1-Trichloroethane	7.55	97	145619	23.310	ug/l	99
36) 1,1-Dichloropropene	7.77	75	132432	23.577	ug/l	99
37) Ethyl Acetate	6.91	43	143463	22.959	ug/l	98
38) Carbon Tetrachloride	7.75	117	127114	22.737	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059303.D
 Acq On : 19 Nov 2019 13:29
 Operator : JC/SP
 Sample : VN1119WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 00:45:23 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	9.07	83	158718	24.347	ug/l	99
40) Benzene	8.02	78	394957	23.350	ug/l	100
41) Methacrylonitrile	7.18	41	205342	75.571	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	130036	22.415	ug/l	99
43) Isopropyl Acetate	8.15	43	215350	21.617	ug/l	97
44) Trichloroethene	8.82	130	97935	23.554	ug/l	100
45) 1,2-Dichloropropane	9.10	63	104152	22.670	ug/l	100
46) Dibromomethane	9.19	93	63668	22.239	ug/l	98
47) Bromodichloromethane	9.39	83	128020	22.394	ug/l	96
48) Methyl methacrylate	9.19	41	95857	21.512	ug/l	96
49) 1,4-Dioxane	9.18	88	32823	414.489	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	686519	121.794	ug/l	100
52) Toluene	10.15	92	237547	23.431	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	146327	22.155	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	160879	22.644	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	93356	22.753	ug/l	99
56) Ethyl methacrylate	10.42	69	138126	21.301	ug/l	98
57) 1,3-Dichloropropane	10.70	76	160613	22.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	207773	90.992	ug/l	99
59) 2-Hexanone	10.74	43	495782	114.593	ug/l	98
60) Dibromochloromethane	10.90	129	96934	22.345	ug/l	99
61) 1,2-Dibromoethane	11.00	107	95928	23.096	ug/l	100
64) Tetrachloroethene	10.63	164	86782	24.045	ug/l	97
65) Chlorobenzene	11.43	112	246468	23.821	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	90178	23.234	ug/l	98
67) Ethyl Benzene	11.51	91	445977	24.294	ug/l	99
68) m/p-Xylenes	11.62	106	329747	47.952	ug/l	100
69) o-Xylene	11.95	106	157463	23.695	ug/l	98
70) Styrene	11.96	104	245887	23.526	ug/l	99
71) Bromoform	12.13	173	68028	22.533	ug/l #	99
73) Isopropylbenzene	12.25	105	424367	23.850	ug/l	100
74) N-amyl acetate	12.07	43	164926	21.875	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	139433	23.011	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	184142	33.066	ug/l #	100
77) Bromobenzene	12.53	156	102050	22.828	ug/l	98
78) n-propylbenzene	12.59	91	486395	23.875	ug/l	100
79) 2-Chlorotoluene	12.68	91	288062	22.793	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	357456	23.709	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	47279	22.424	ug/l	99
82) 4-Chlorotoluene	12.77	91	287845	22.708	ug/l	99
83) tert-Butylbenzene	12.99	119	303871	23.339	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	348670	23.903	ug/l	99
85) sec-Butylbenzene	13.17	105	402456	23.767	ug/l	100
86) p-Isopropyltoluene	13.29	119	360078	24.083	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	174380	22.780	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	170127	22.212	ug/l	99
89) n-Butylbenzene	13.62	91	300702	22.979	ug/l	100
90) Hexachloroethane	13.88	117	65040	21.664	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	170095	22.588	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27369	22.654	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
Data File : VN059303.D
Acq On : 19 Nov 2019 13:29
Operator : JC/SP
Sample : VN1119WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 20 00:45:23 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	89840	21.512	ug/l	98
94) Hexachlorobutadiene	15.01	225	60448	23.281	ug/l	99
95) Naphthalene	15.13	128	238481	20.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	88479	20.966	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

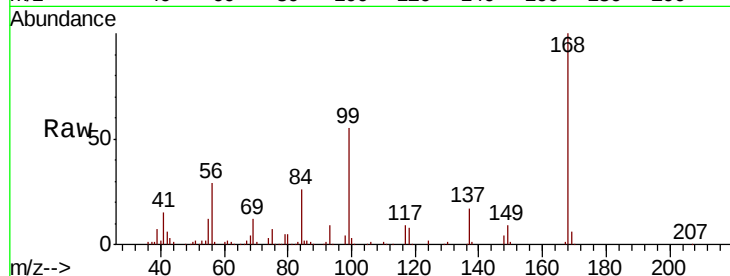
ClientSampleId :

Tot Ion:168 Resp: 383171

Ion Ratio Lower Upper

168 100

99 54.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

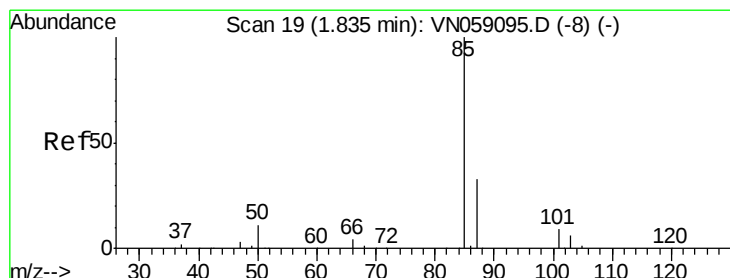
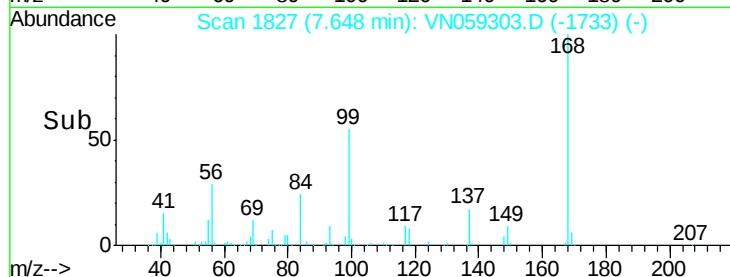
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 30.382 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059303.D

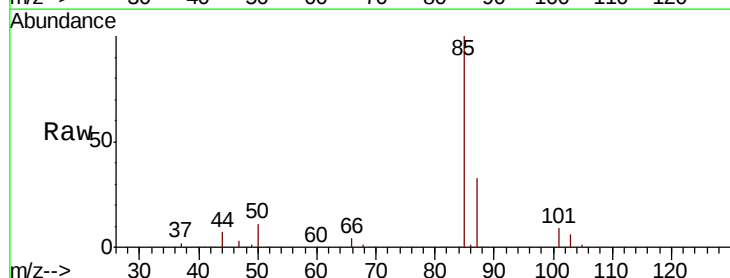
Acq: 19 Nov 2019 13:29

Tgt Ion: 85 Resp: 117292

Ion Ratio Lower Upper

85 100

87 32.6 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

80000

60000

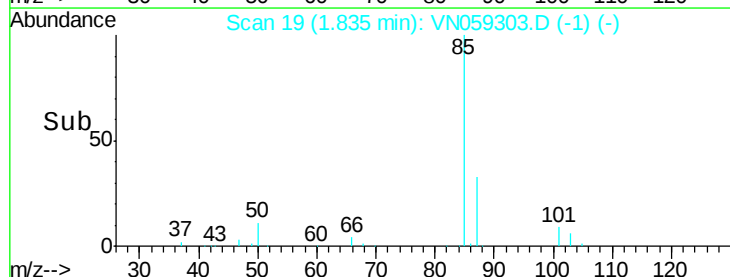
40000

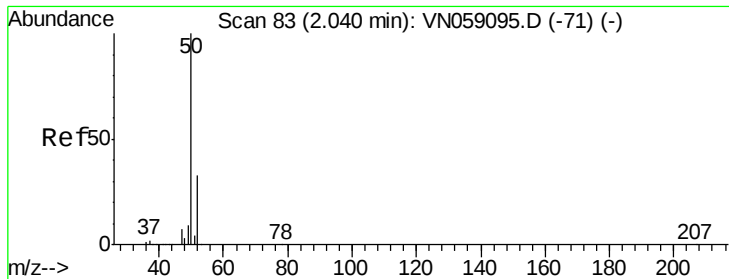
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 25.219 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

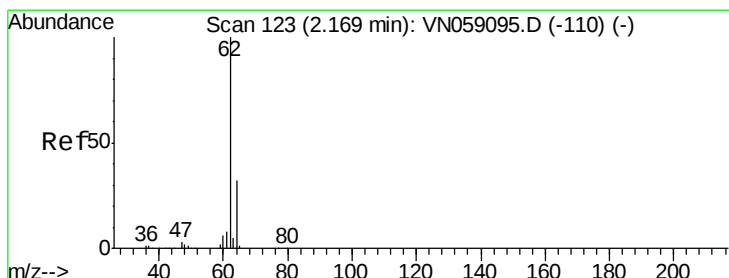
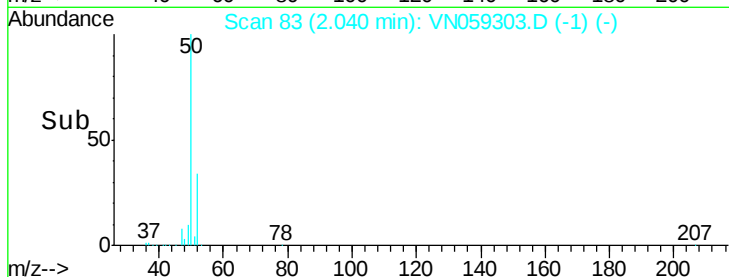
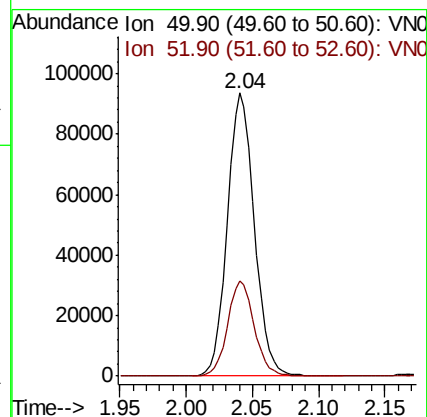
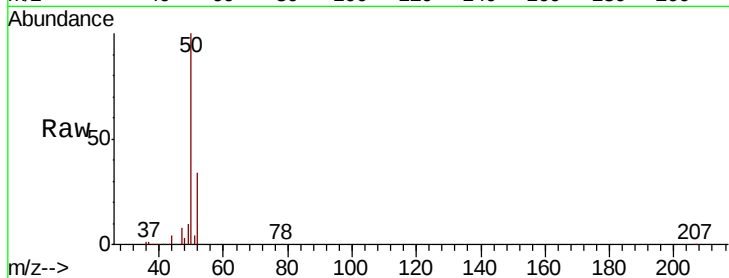
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 132344

Ion Ratio Lower Upper

50 100

52 33.8 26.0 39.0



#4

Vinyl Chloride

Concen: 27.799 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059303.D

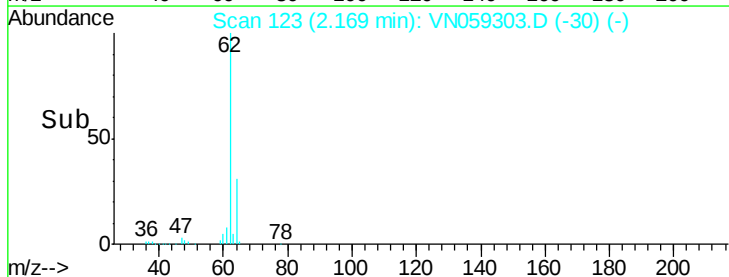
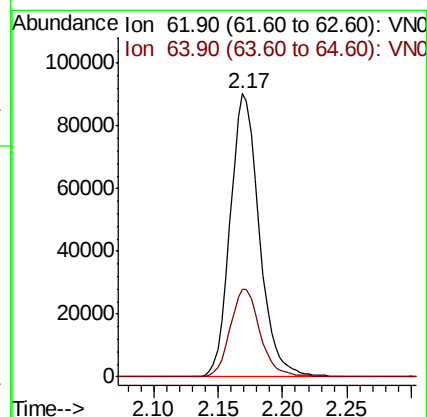
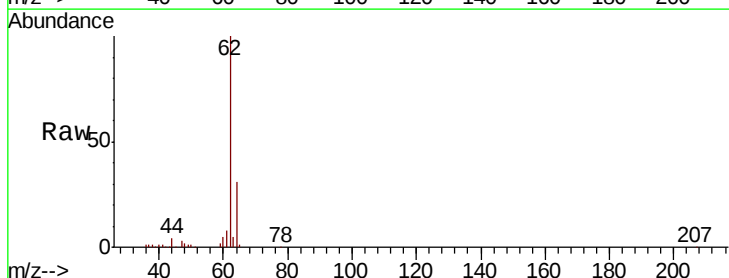
Acq: 19 Nov 2019 13:29

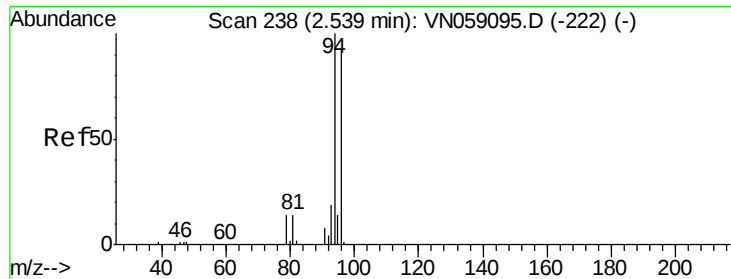
Tgt Ion: 62 Resp: 141441

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.2





#5

Bromomethane

Concen: 25.048 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

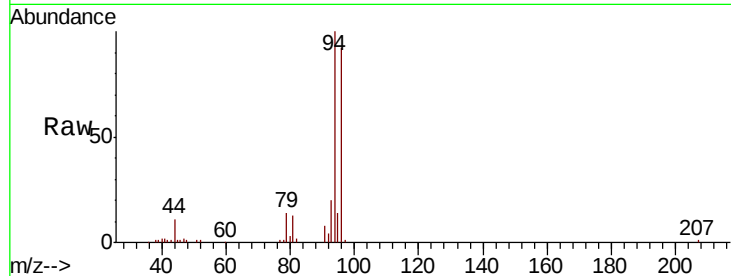
ClientSampleId :

Tot Ion: 94 Resp: 73339

Ion Ratio Lower Upper

94 100

96 91.9 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VN059303.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN059303.D (-145) (-)

2.55

40000

30000

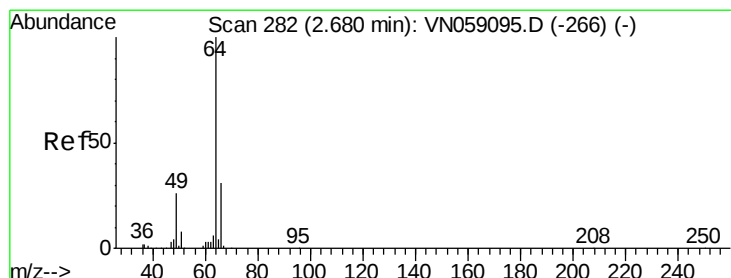
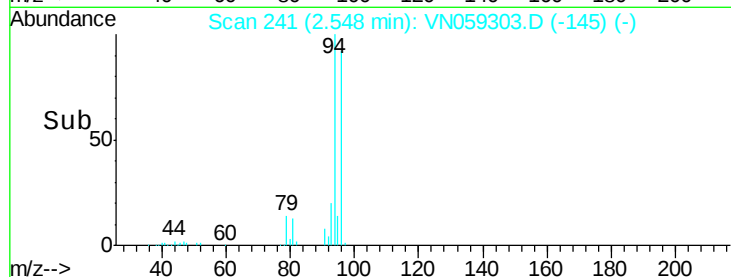
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 24.180 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059303.D

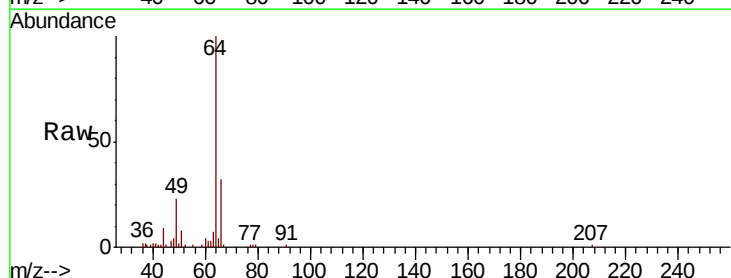
Acq: 19 Nov 2019 13:29

Tgt Ion: 64 Resp: 72777

Ion Ratio Lower Upper

64 100

66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN059303.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059303.D (-189) (-)

2.69

40000

30000

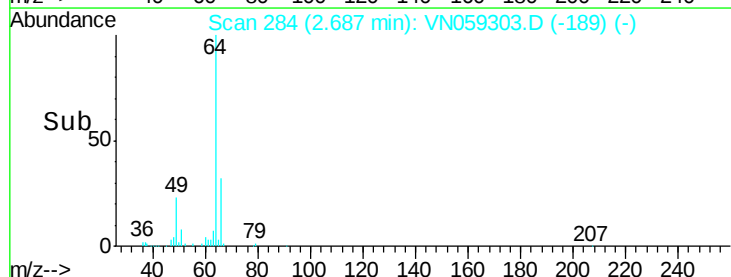
20000

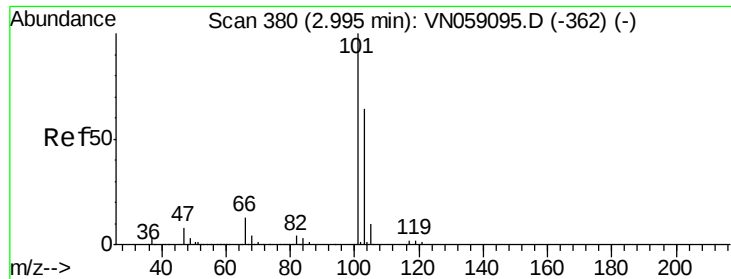
10000

0

Time-->

2.60 2.70 2.80



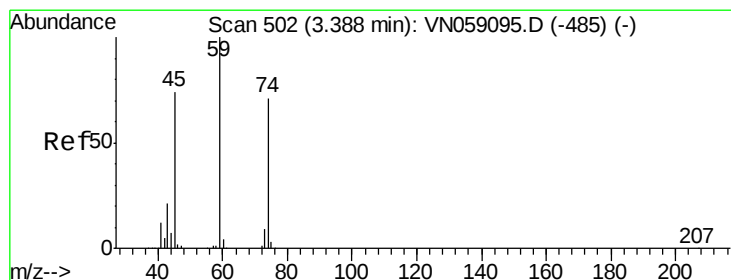
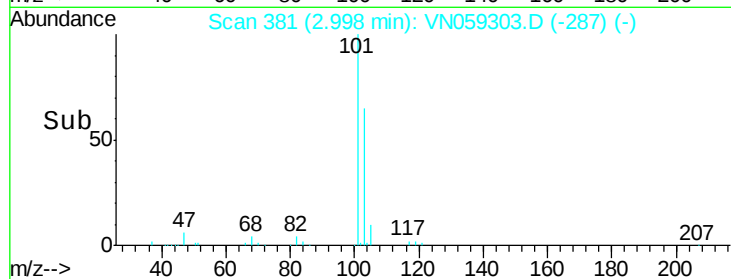
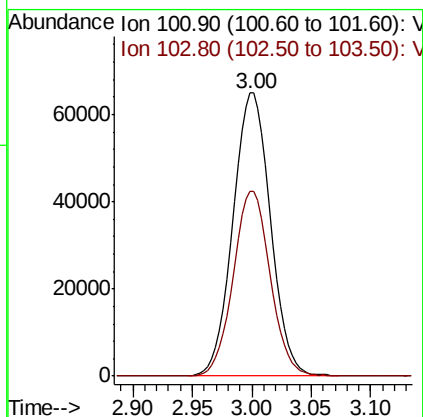
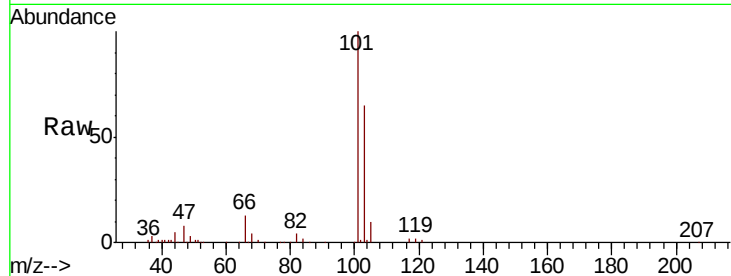


#7

Trichlorofluoromethane
 Concen: 23.328 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

Instrument :
 MSVOA_N
 ClientSampleId :

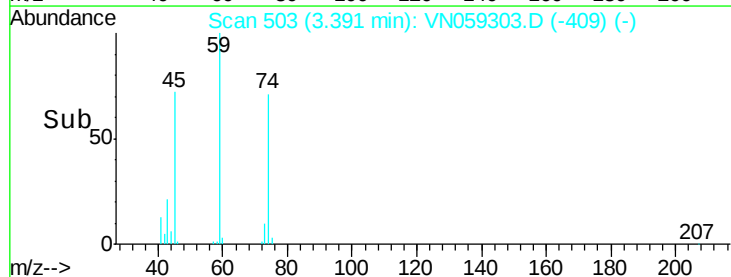
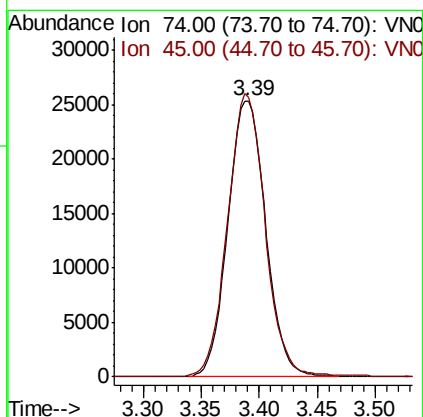
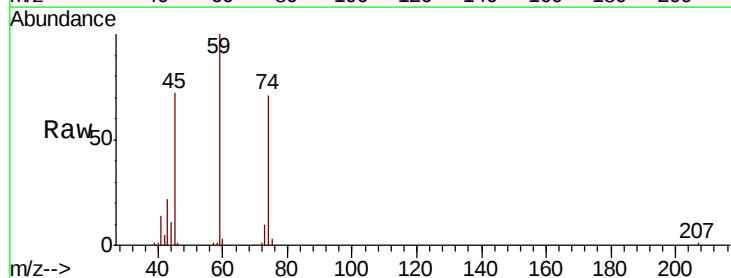
Tot Ion:101 Resp: 141965
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.2 76.8



#8

Diethyl Ether
 Concen: 23.144 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

Tgt Ion: 74 Resp: 57229
 Ion Ratio Lower Upper
 74 100
 45 101.9 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.040 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

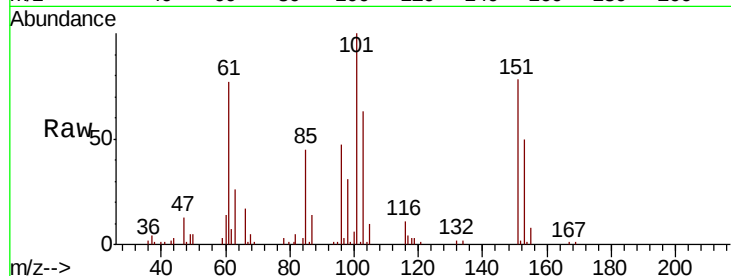
Tot Ion:101 Resp: 88209

Ion Ratio Lower Upper

101 100

85 43.6 35.5 53.3

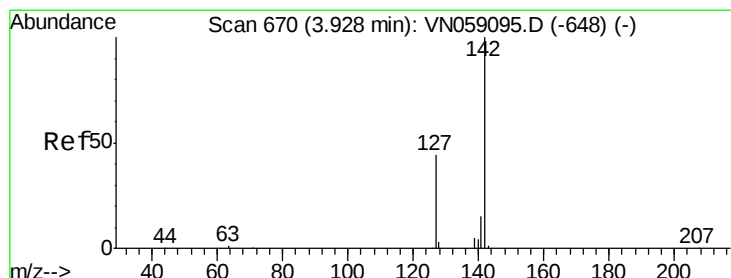
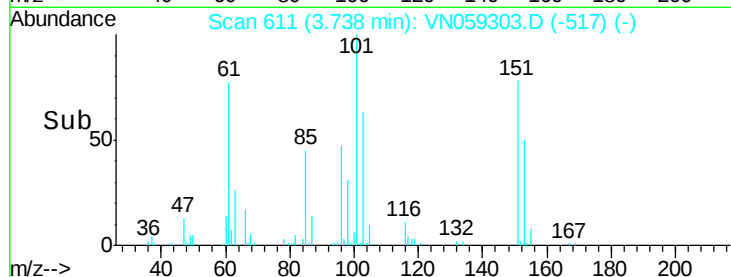
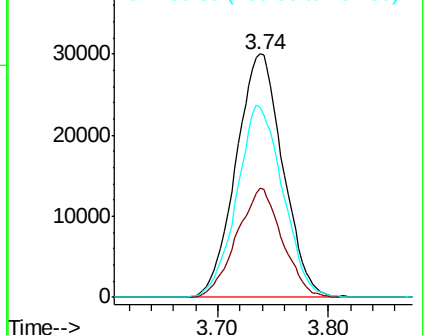
151 77.5 62.2 93.2



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: 22.078 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

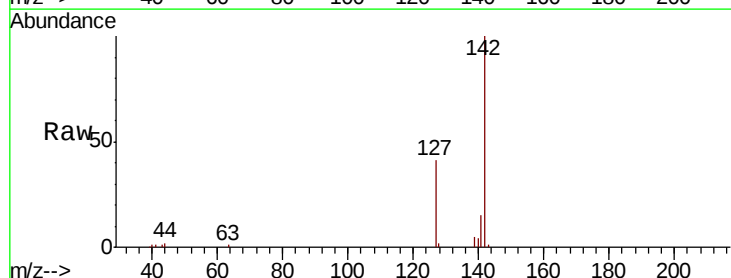
Tgt Ion:142 Resp: 100276

Ion Ratio Lower Upper

142 100

127 42.9 34.2 51.2

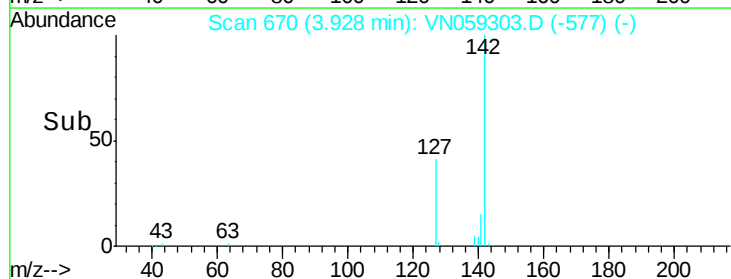
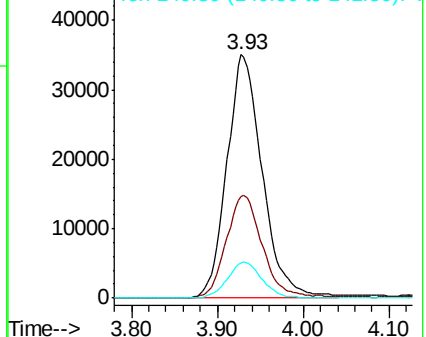
141 14.2 11.4 17.0

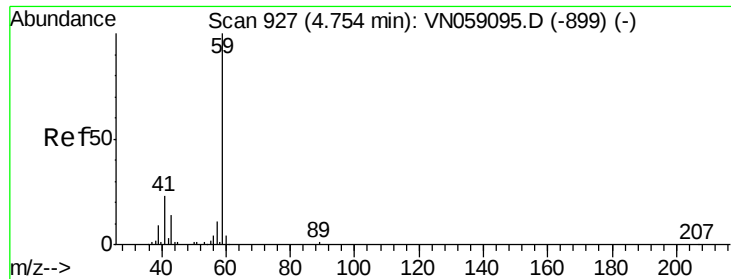


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

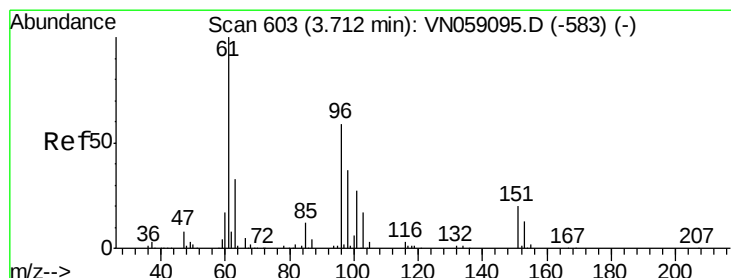
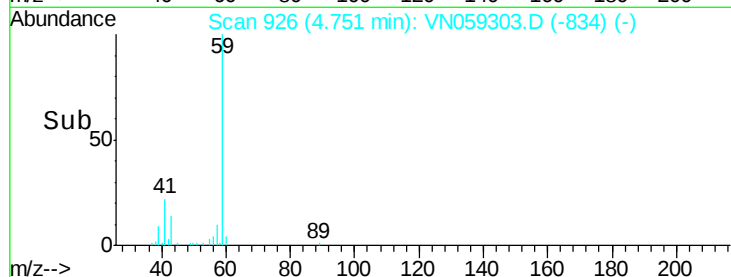
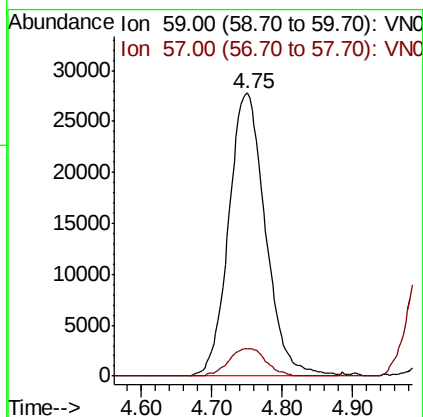
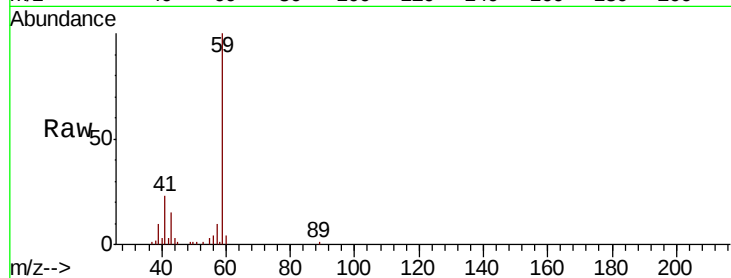




#11
Tert butyl alcohol
Concen: 112.417 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

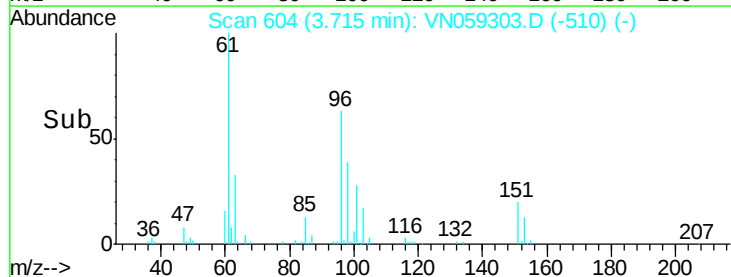
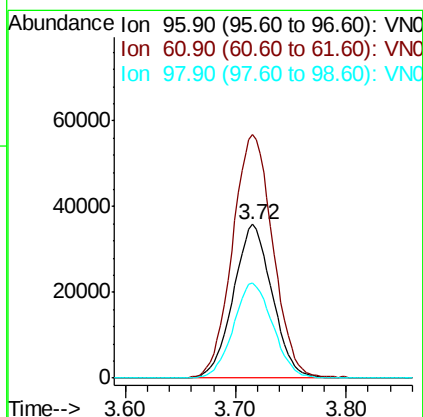
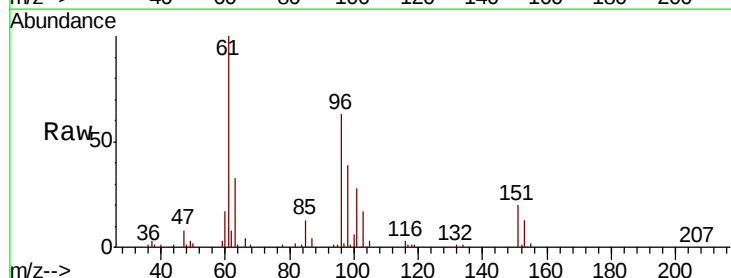
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 100912
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 24.529 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 96 Resp: 87676
Ion Ratio Lower Upper
96 100
61 158.2 136.5 204.7
98 61.9 50.2 75.4





#13

Acrolein

Concen: 75.311 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

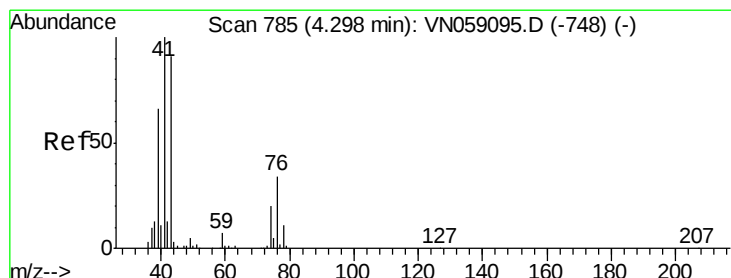
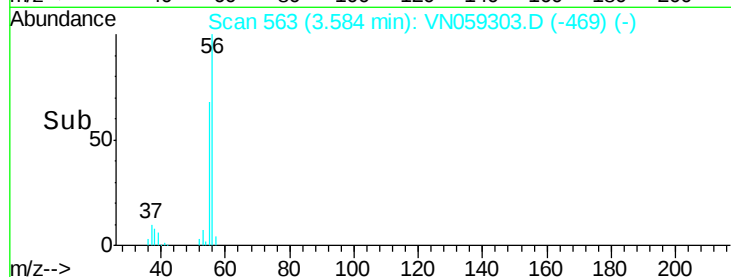
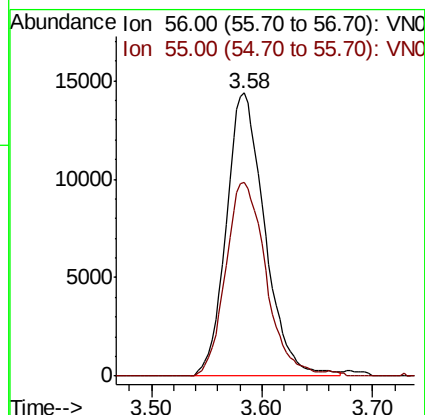
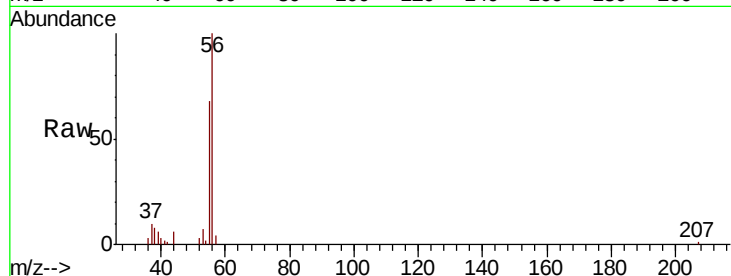
ClientSampleId :

Tot Ion: 56 Resp: 34855

Ion Ratio Lower Upper

56 100

55 71.4 56.4 84.6



#14

Allyl chloride

Concen: 21.973 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

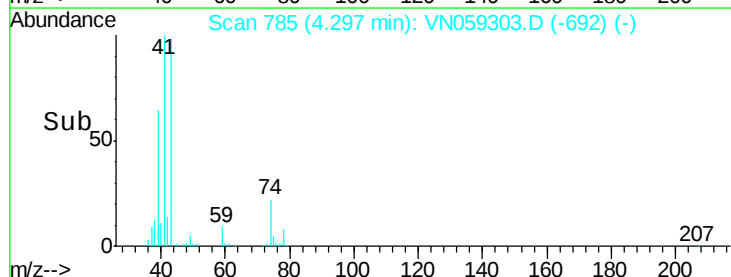
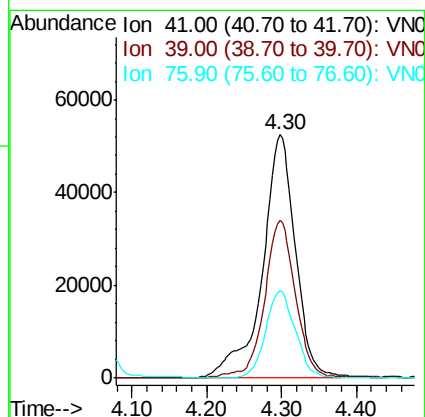
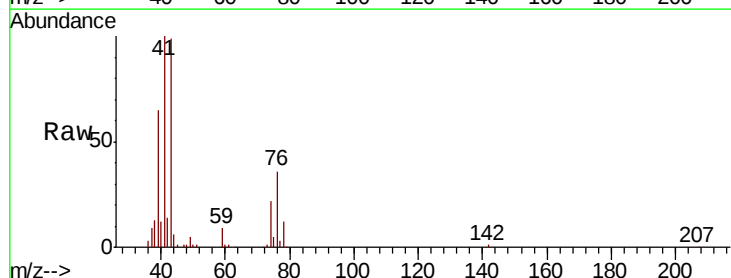
Tgt Ion: 41 Resp: 161331

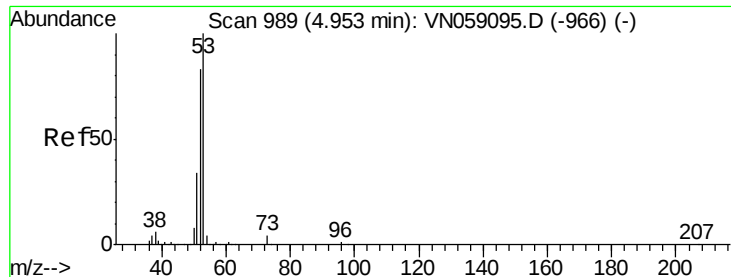
Ion Ratio Lower Upper

41 100

39 61.0 49.1 73.7

76 32.3 24.9 37.3





#15

Acrylonitrile

Concen: 117.268 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

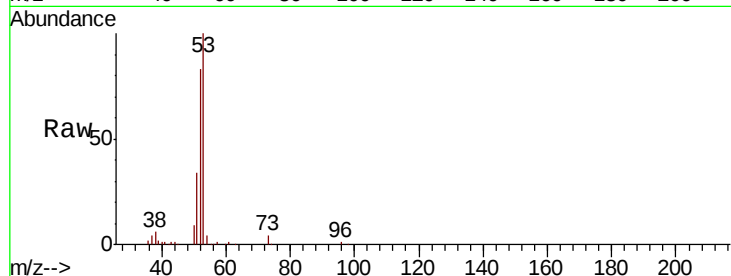
Tot Ion: 53 Resp: 261972

Ion Ratio Lower Upper

53 100

52 81.3 65.0 97.6

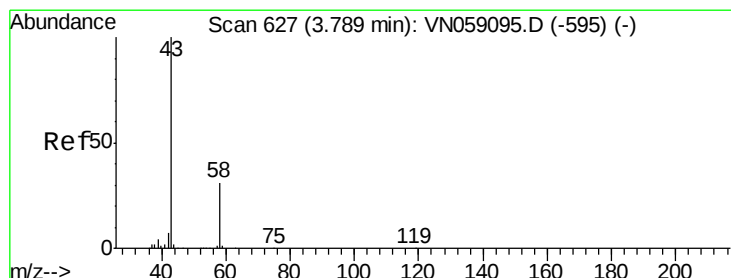
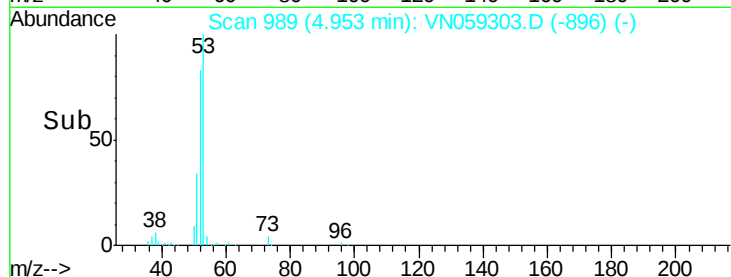
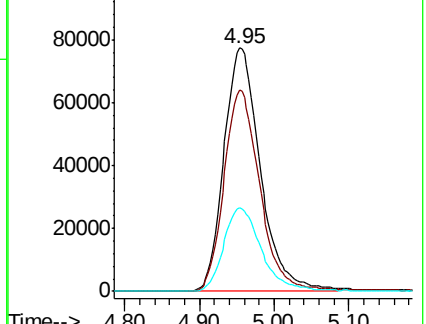
51 35.5 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN059303.D (-896) (-)

Ion 52.00 (51.70 to 52.70): VN059303.D (-896) (-)

Ion 51.00 (50.70 to 51.70): VN059303.D (-896) (-)



#16

Acetone

Concen: 90.600 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059303.D

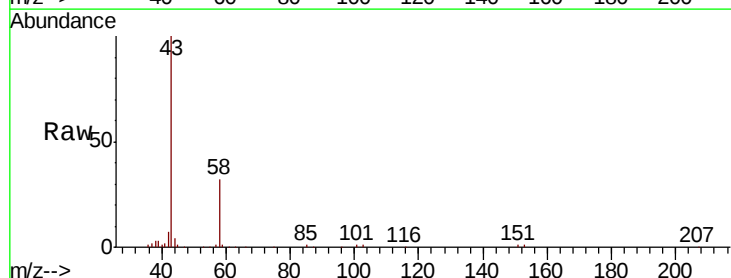
Acq: 19 Nov 2019 13:29

Tgt Ion: 43 Resp: 221914

Ion Ratio Lower Upper

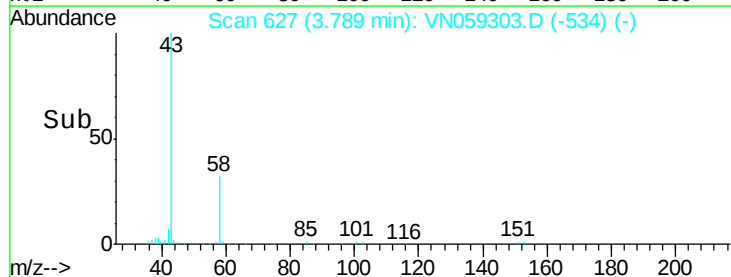
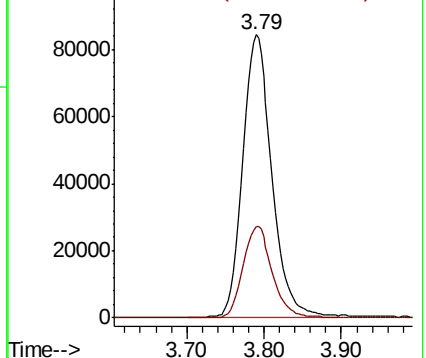
43 100

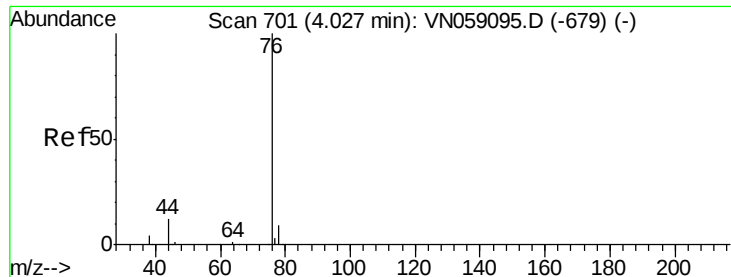
58 32.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059303.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059303.D (-534) (-)

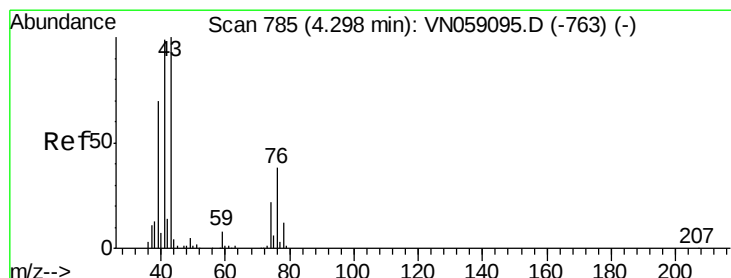
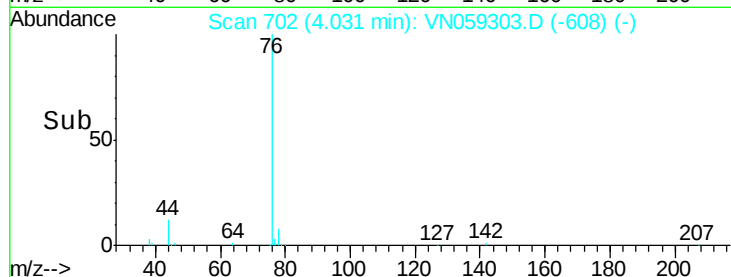
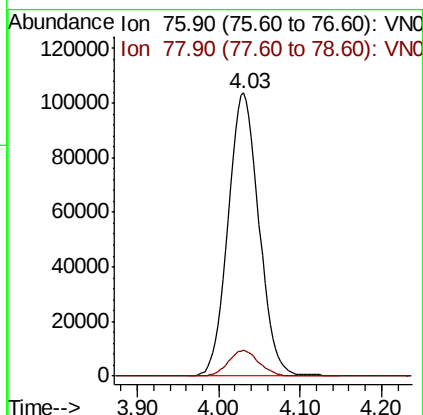
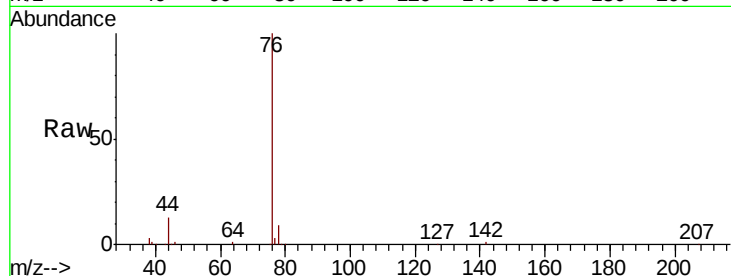




#17
Carbon Disulfide
Concen: 24.748 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

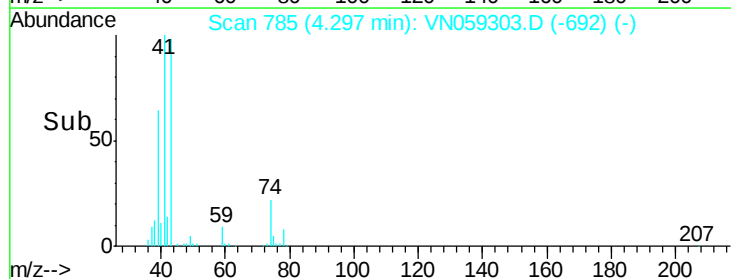
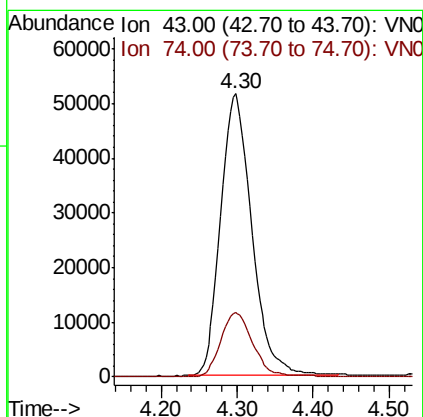
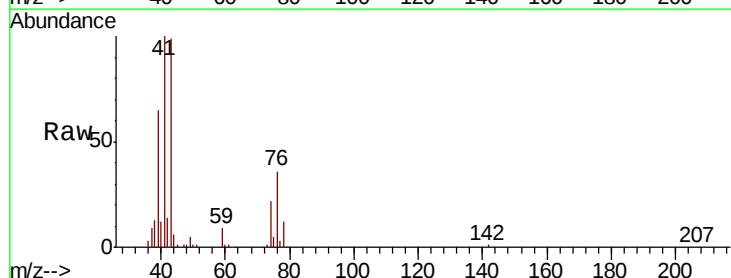
Instrument :
MSVOA_N
ClientSampled :

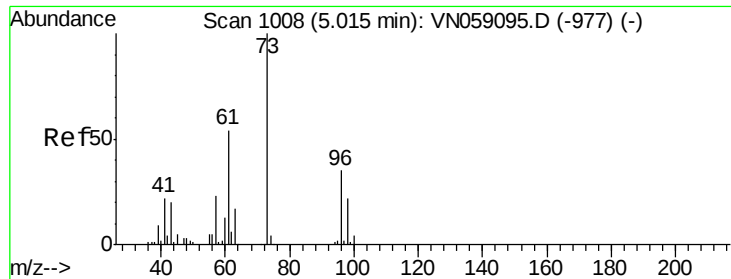
Tot Ion: 76 Resp: 274602
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 25.444 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 43 Resp: 147925
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8

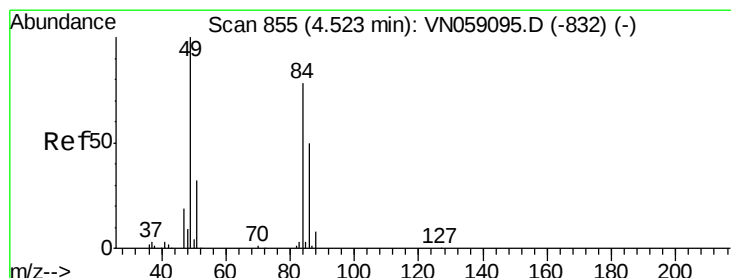
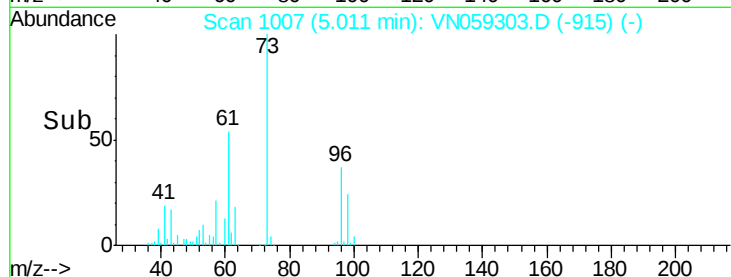
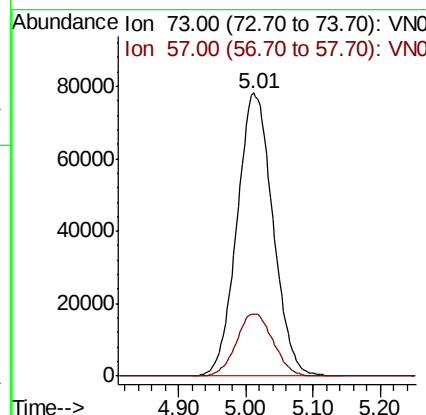
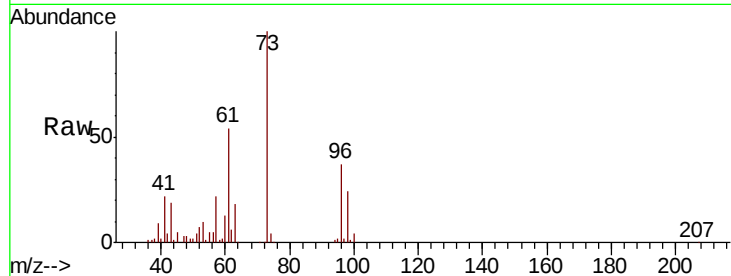




#19
Methvl tert-butvl Ether
Concen: 23.508 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

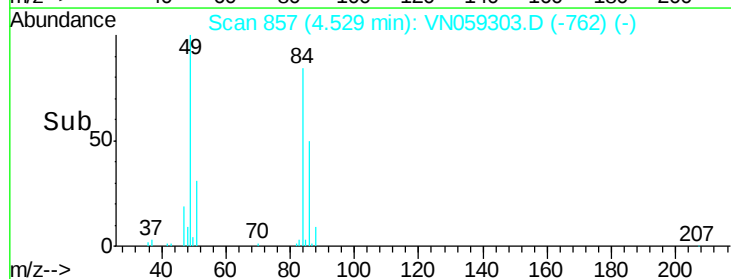
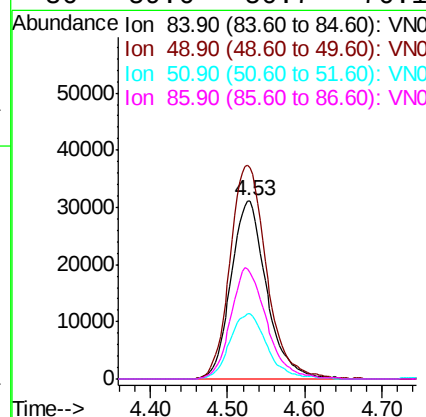
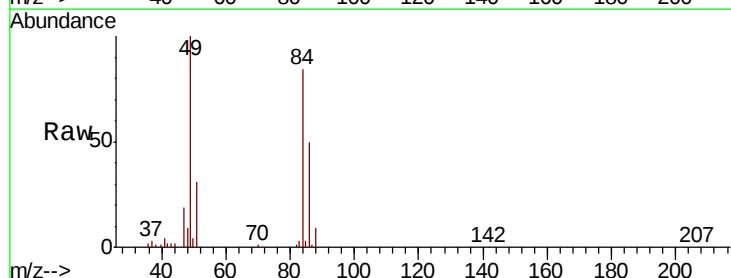
Instrument :
MSVOA_N
ClientSampleId :

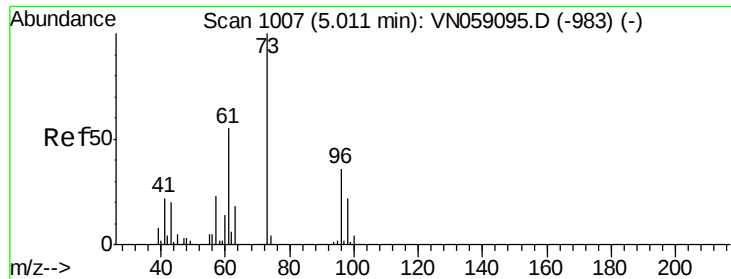
Tot Ion: 73 Resp: 289289
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6



#20
Methylene Chloride
Concen: 23.317 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 84 Resp: 99500
Ion Ratio Lower Upper
84 100
49 118.7 102.0 153.0
51 36.7 32.2 48.2
86 59.6 50.7 76.1

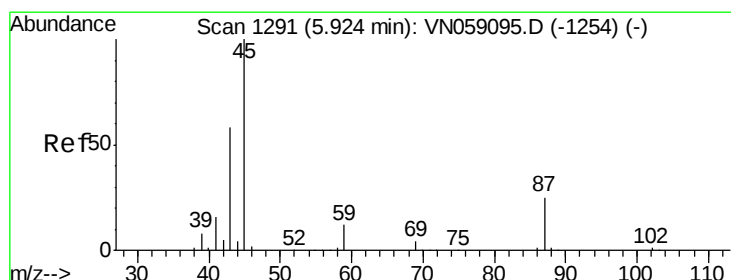
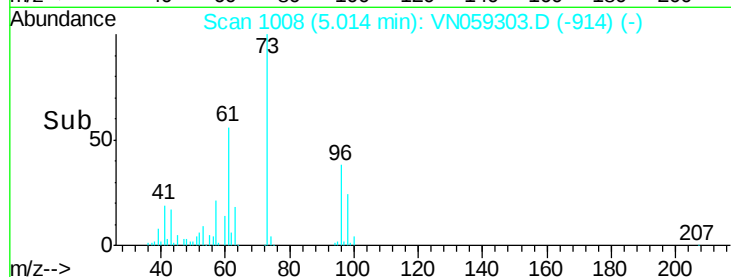
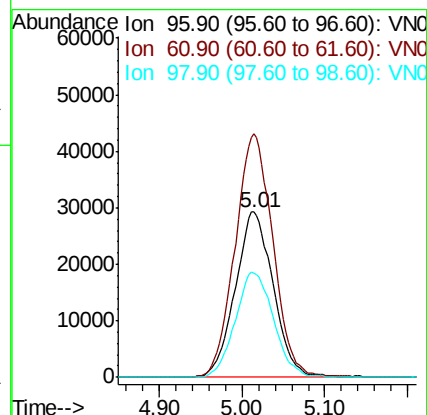
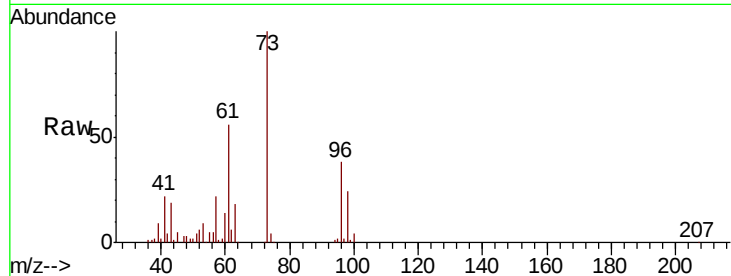




#21
trans-1,2-Dichloroethene
Concen: 24.218 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

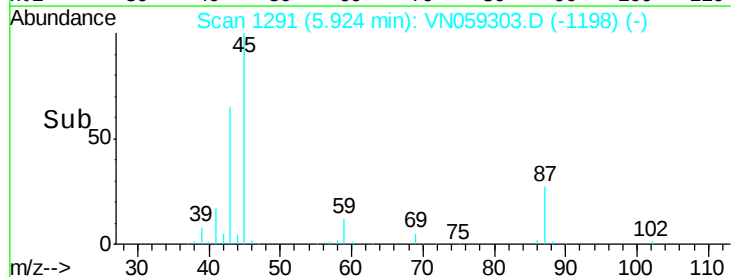
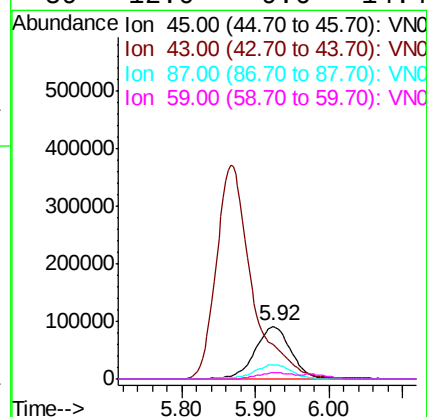
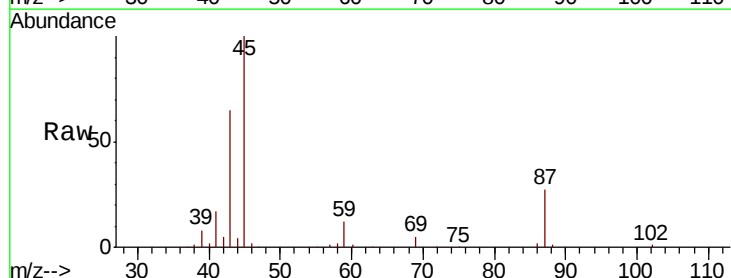
Instrument :
MSVOA_N
ClientSampled :

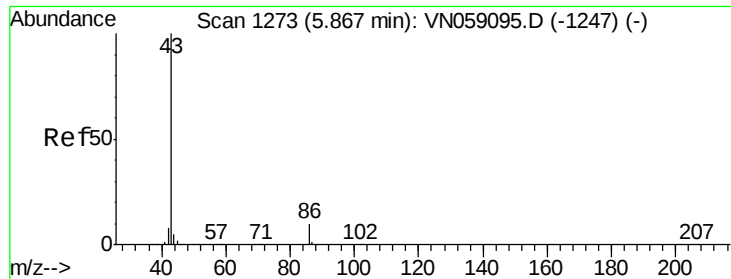
Tot Ion: 96 Resp: 92919
Ion Ratio Lower Upper
96 100
61 147.2 122.6 183.8
98 63.1 50.3 75.5



#22
Diisopropyl ether
Concen: 22.270 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 45 Resp: 308855
Ion Ratio Lower Upper
45 100
43 62.6 46.7 70.1
87 27.3 20.5 30.7
59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 115.559 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

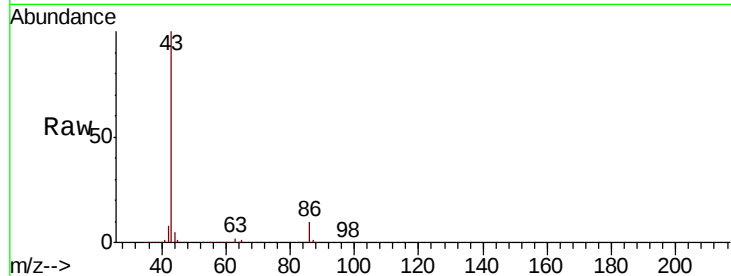
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1242057

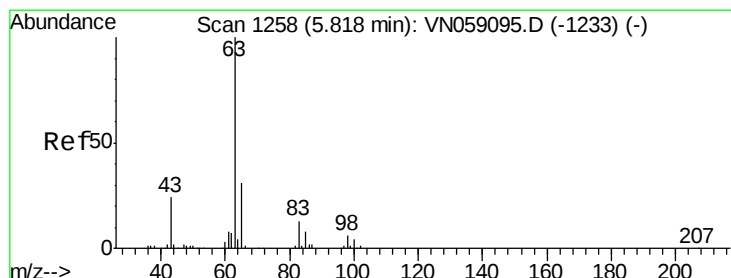
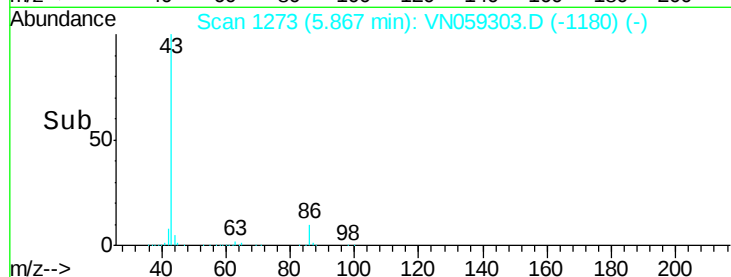
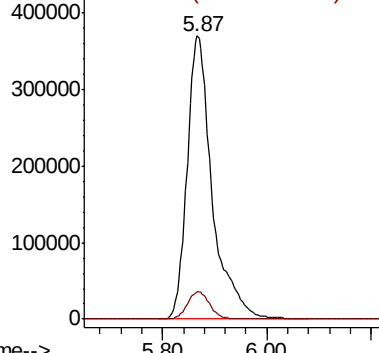
Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 86.00 (85.70 to 86.70): VNO



#24

1,1-Dichloroethane

Concen: 22.818 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

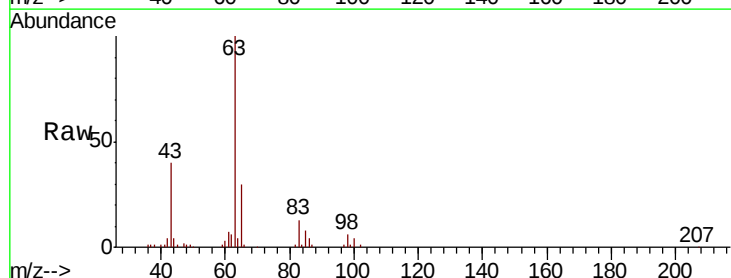
Tgt Ion: 63 Resp: 176743

Ion Ratio Lower Upper

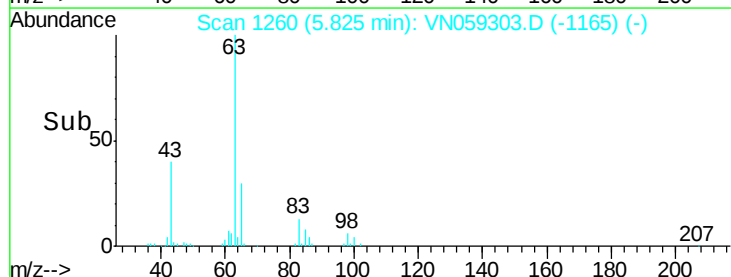
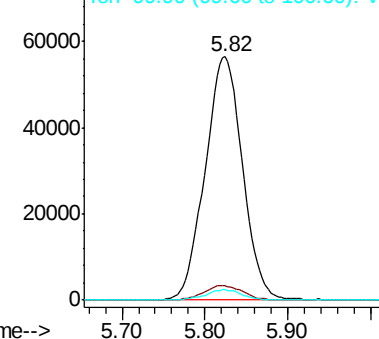
63 100

98 5.7 2.8 8.4

100 4.1 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 97.90 (97.60 to 98.60): VNO
Ion 99.90 (99.60 to 100.60): VNO





#25

2-Butanone

Concen: 107.829 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

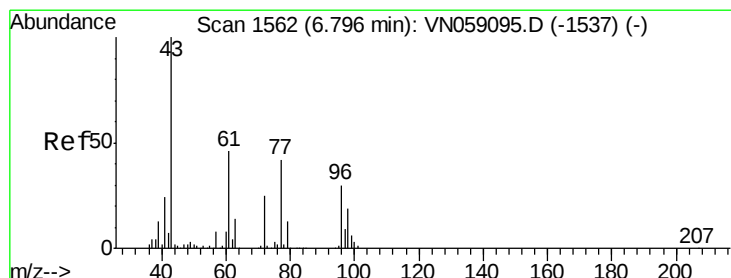
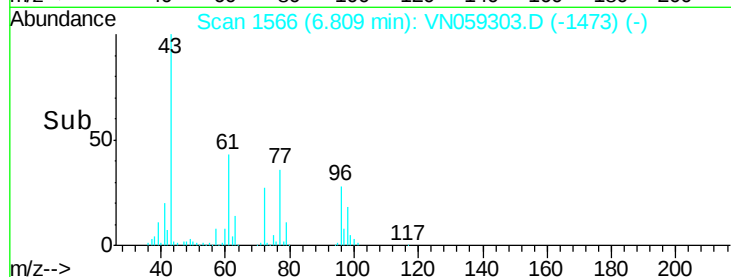
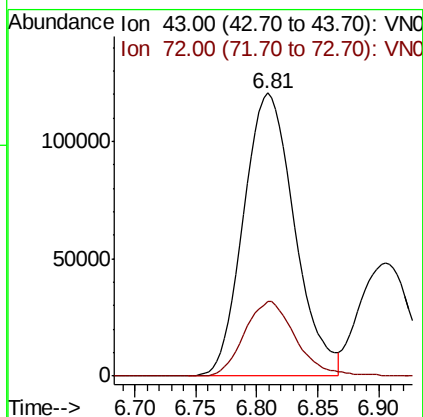
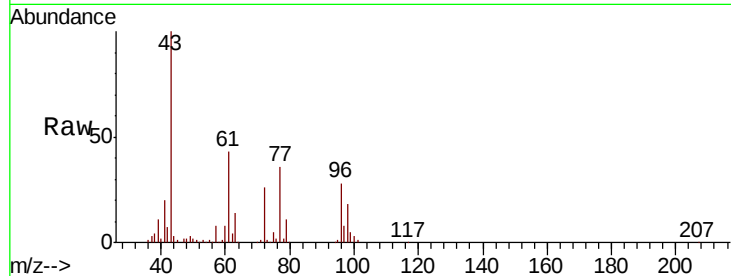
ClientSampled :

Tot Ion: 43 Resp: 348085

Ion Ratio Lower Upper

43 100

72 26.5 20.3 30.5



#26

2,2-Dichloropropane

Concen: 22.116 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN059303.D

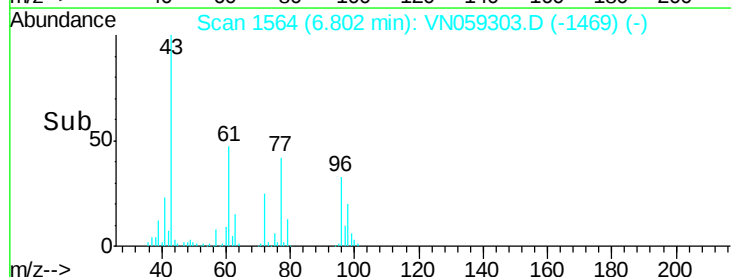
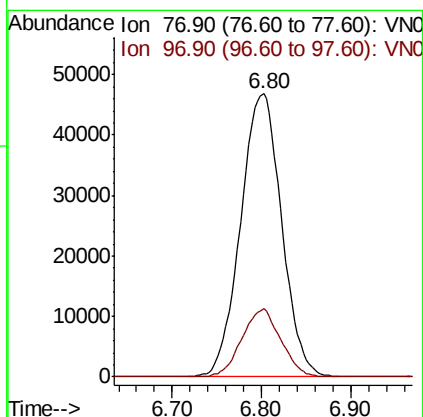
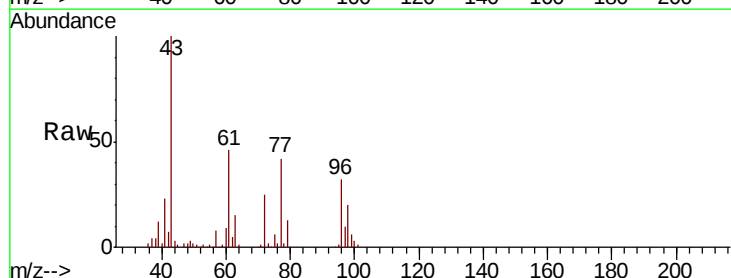
Acq: 19 Nov 2019 13:29

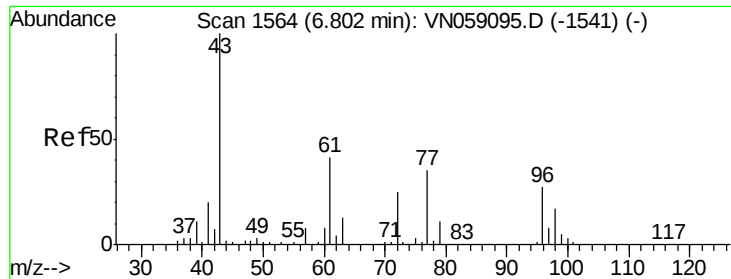
Tgt Ion: 77 Resp: 149796

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 23.224 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

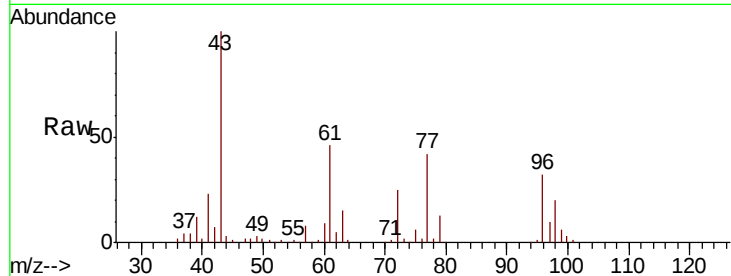
Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 103374

Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	311.6
98	63.6	0.0	129.8

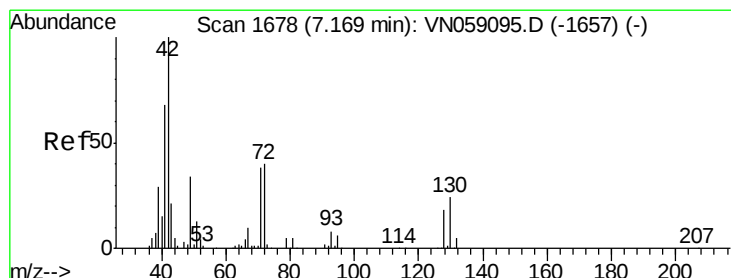
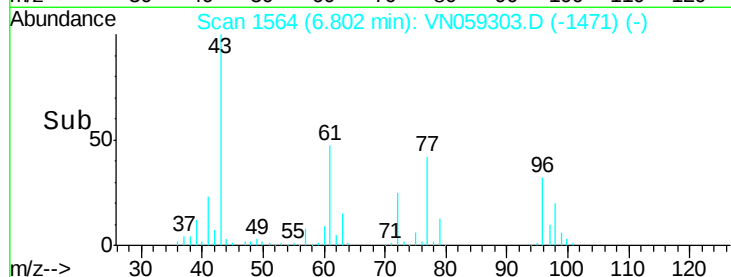
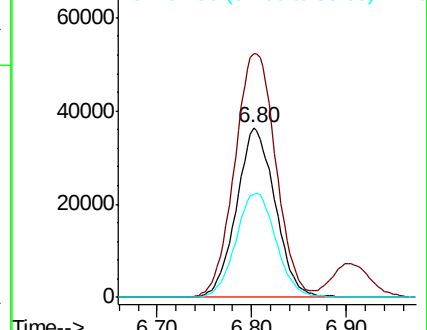


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 13.980 ug/l

RT: 7.17 min Scan# 1679

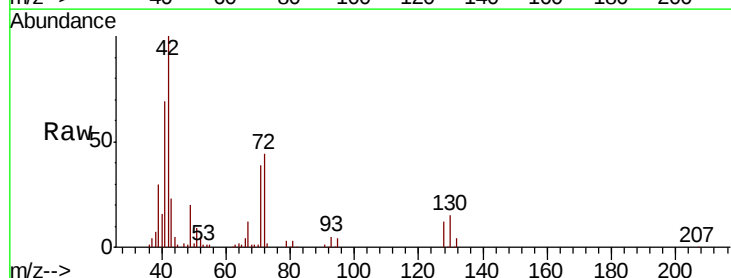
Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Tgt Ion: 49 Resp: 32578

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.8
130	71.1	55.6	83.4

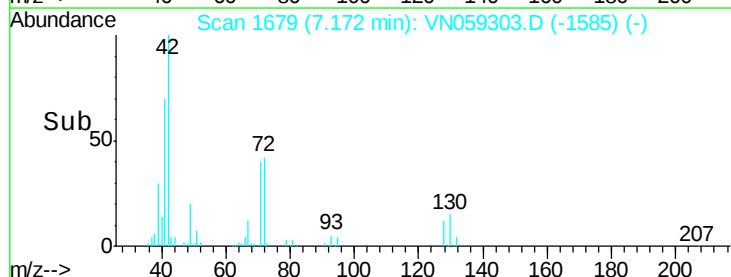
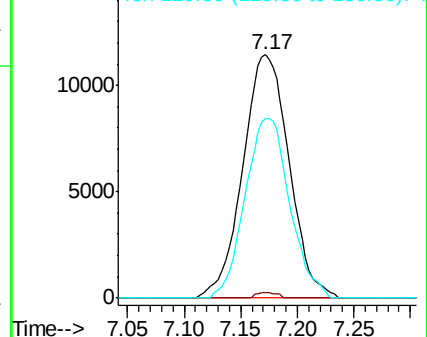


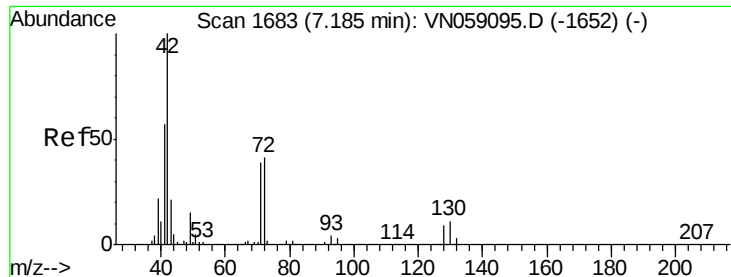
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

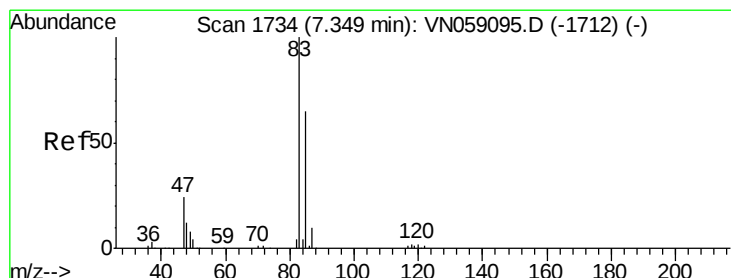
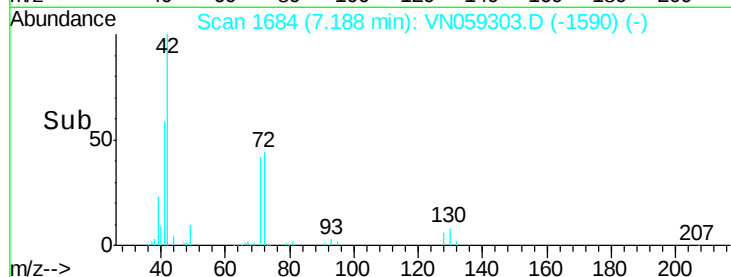
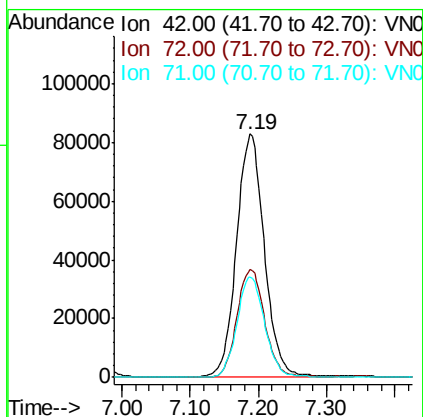
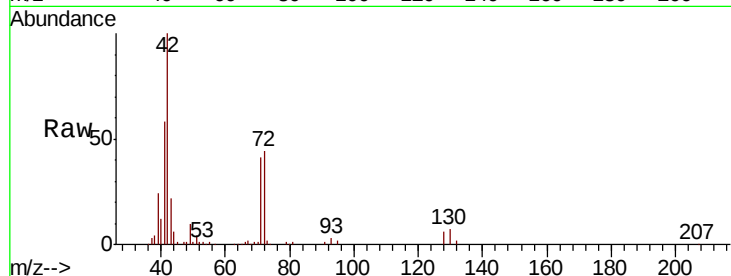




#29
Tetrahydrofuran
Concen: 115.400 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

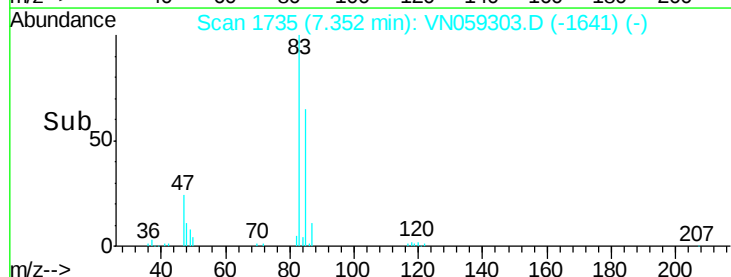
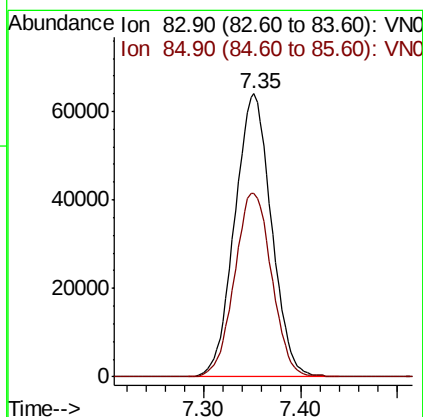
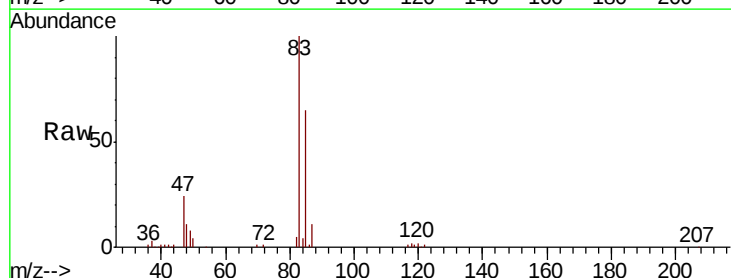
Instrument :
MSVOA_N
ClientSampled :

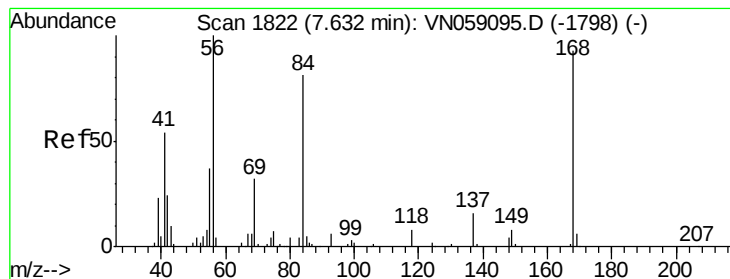
Tot Ion: 42 Resp: 236703
Ion Ratio Lower Upper
42 100
72 43.8 33.1 49.7
71 40.8 30.9 46.3



#30
Chloroform
Concen: 22.704 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 83 Resp: 168698
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8





#31

Cyclohexane

Concen: 23.119 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :
MSVOA_N
ClientSampled :

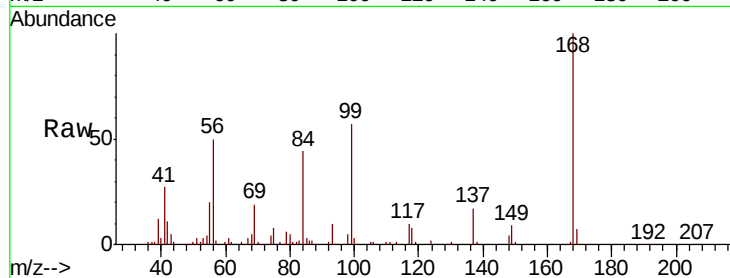
Tot Ion: 56 Resp: 169532

Ion Ratio Lower Upper

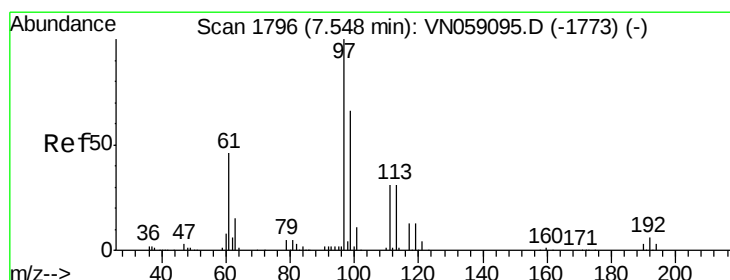
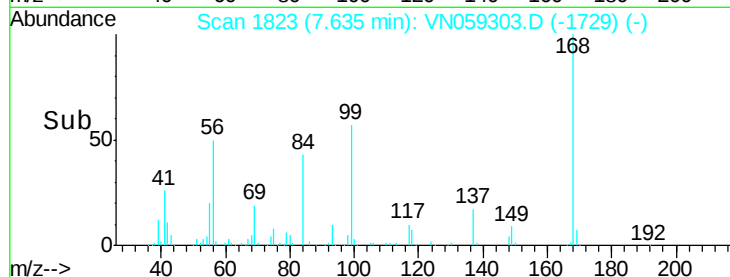
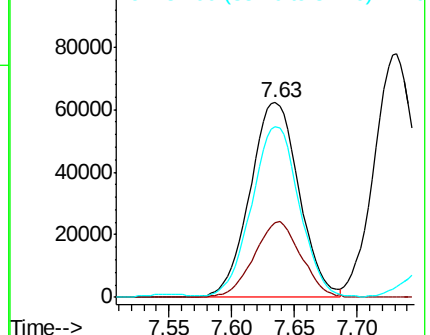
56 100

69 38.5 25.8 38.8

84 86.6 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: 23.310 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

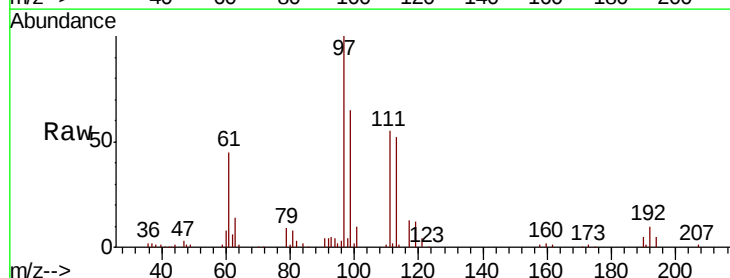
Tgt Ion: 97 Resp: 145619

Ion Ratio Lower Upper

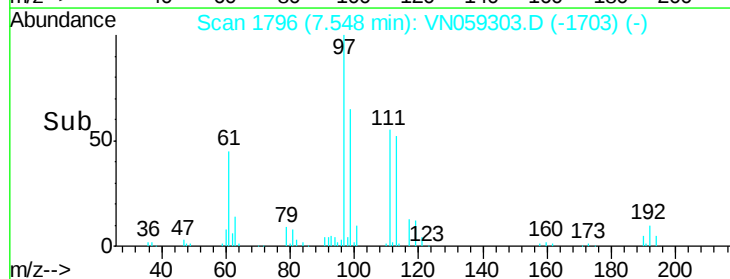
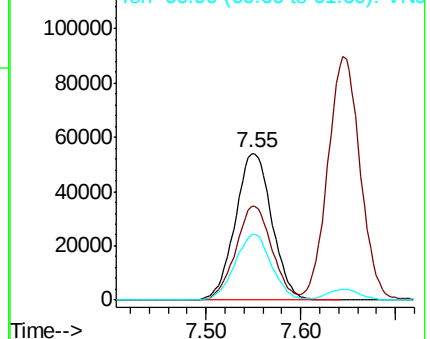
97 100

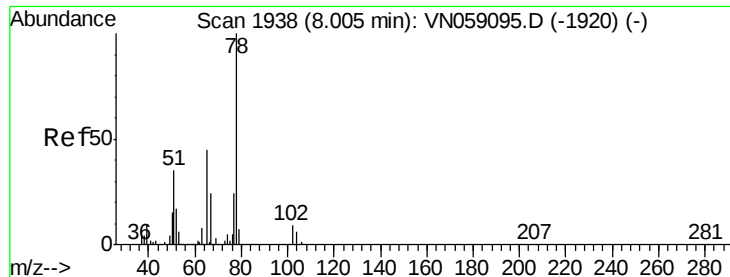
99 63.3 51.0 76.6

61 44.6 35.8 53.8



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





#33

1,2-Dichloroethane-d4

Concen: 46.077 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

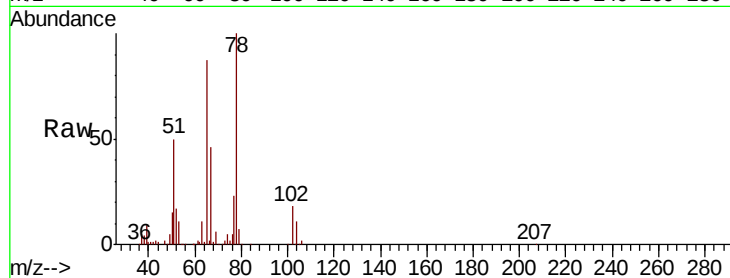
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 217031

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059303.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059303.D (-1845) (-)

8.01

100000

80000

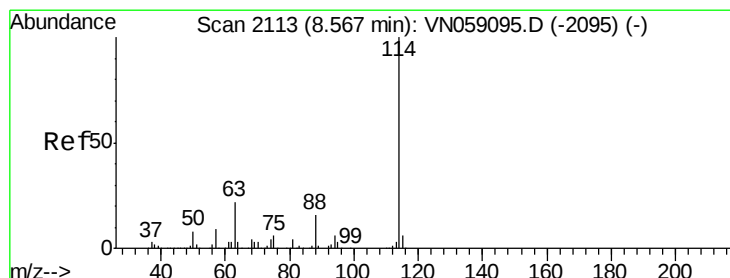
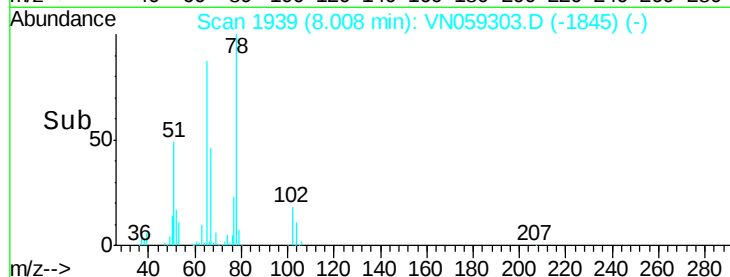
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

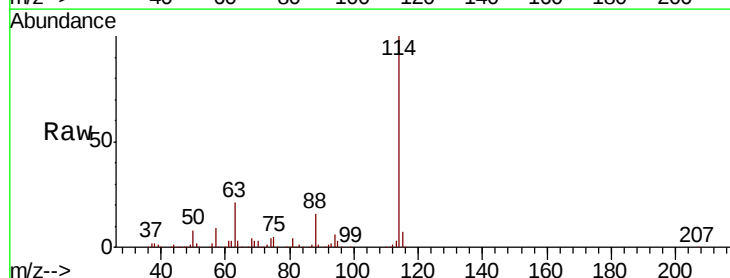
Tgt Ion: 114 Resp: 600931

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.4

88 16.3 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059303.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059303.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059303.D (-2020) (-)

8.57

400000

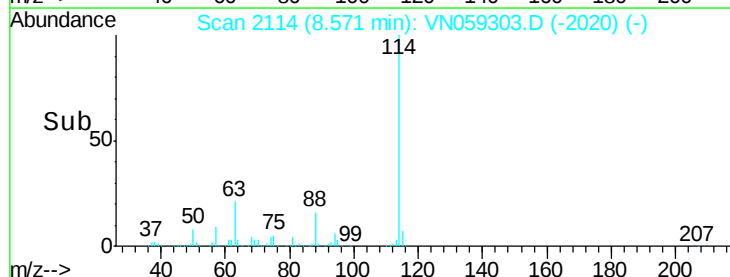
300000

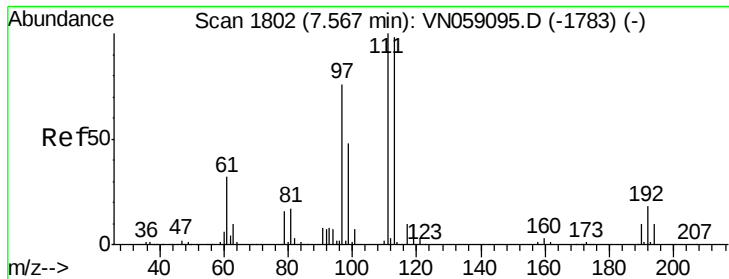
200000

100000

0

Time--> 8.50 8.55 8.60 8.65 8.70

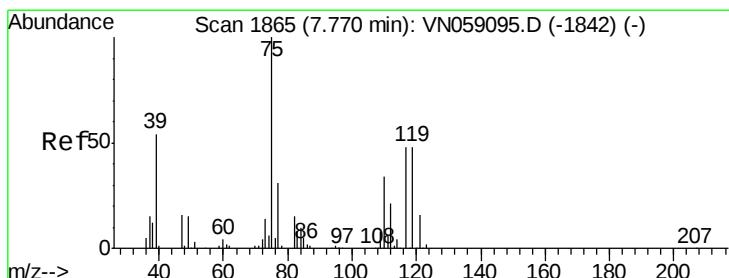
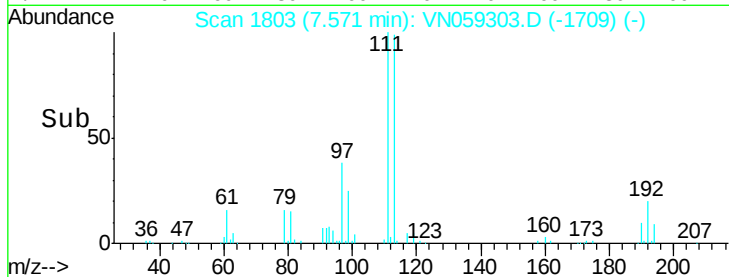
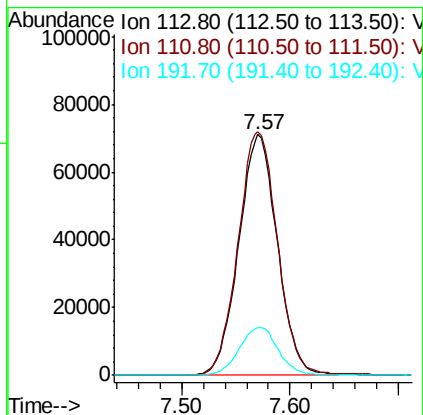
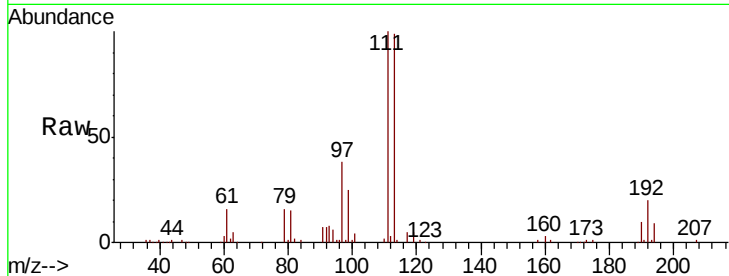




#35
 Dibromofluoromethane
 Concen: 49.281 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

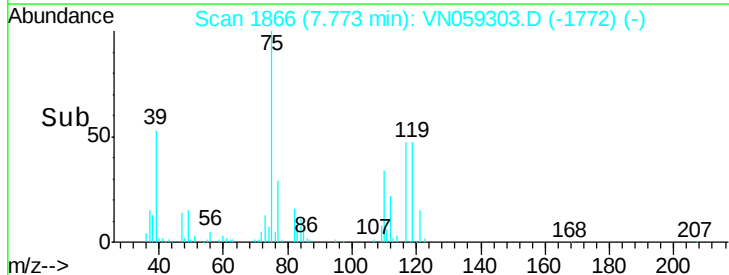
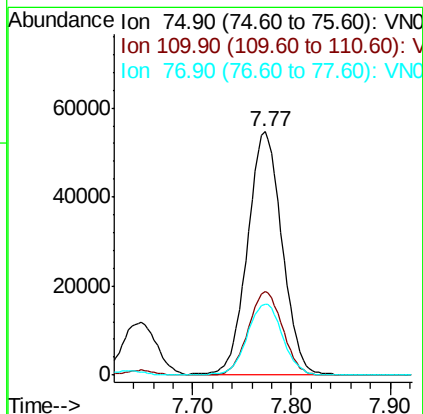
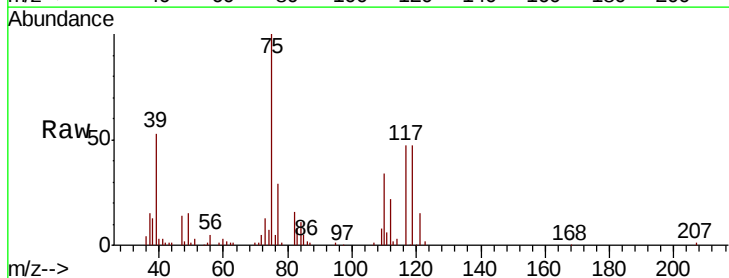
Instrument :
 MSVOA_N
 ClientSampleId :

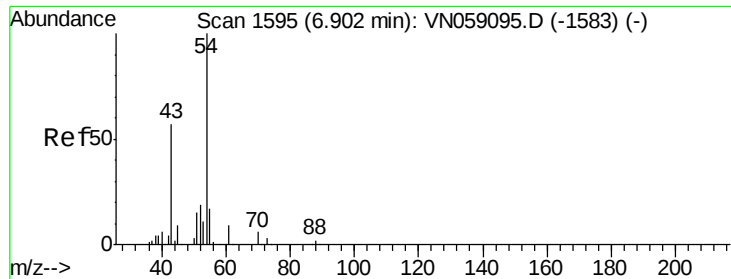
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.8	124.2
192	20.2	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 23.577 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.1	51.2
77	29.9	24.8	37.2

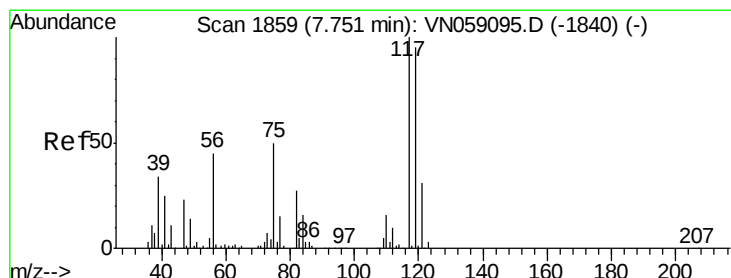
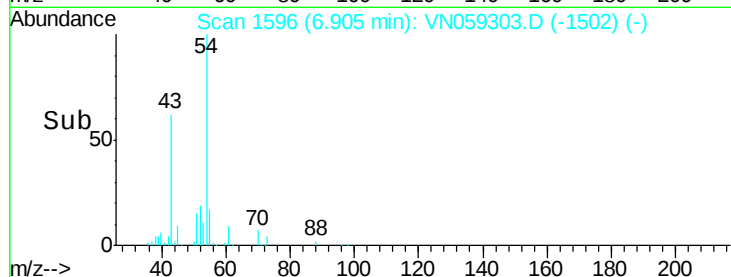
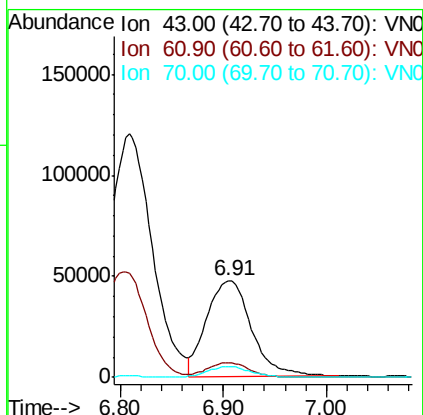
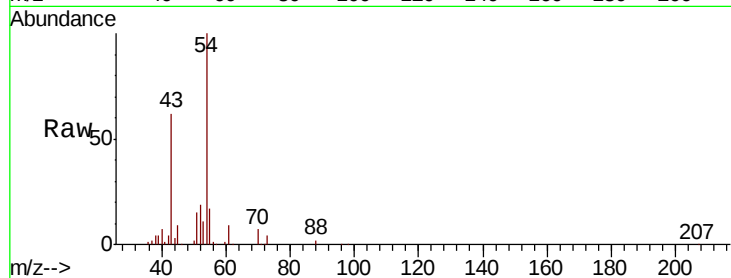




#37
Ethyl Acetate
Concen: 22.959 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

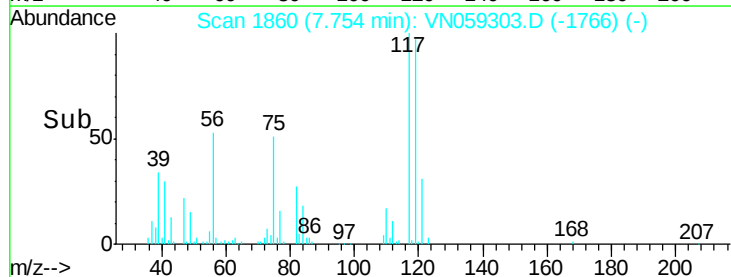
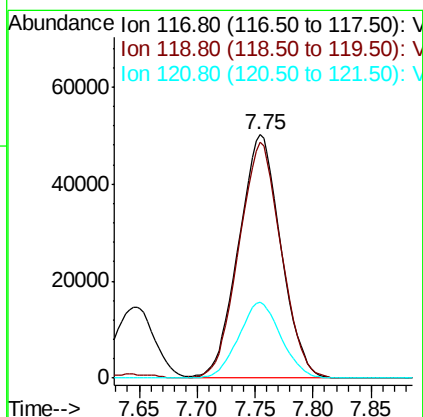
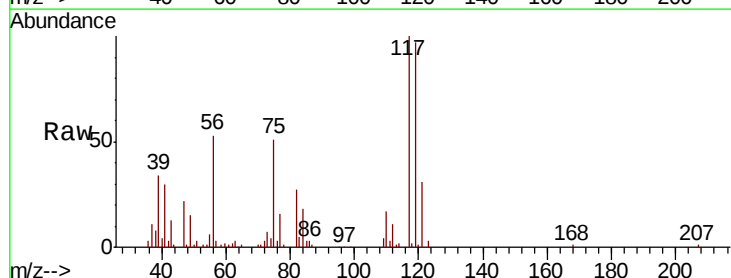
Instrument :
MSVOA_N
ClientSampleId :

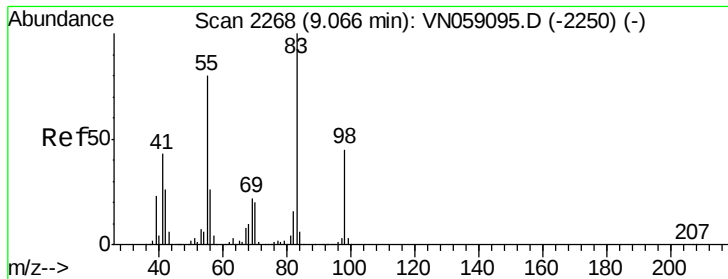
Tot Ion: 43 Resp: 143463
Ion Ratio Lower Upper
43 100
61 14.6 11.2 16.8
70 10.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 22.737 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 117 Resp: 127114
Ion Ratio Lower Upper
117 100
119 96.9 75.6 113.4
121 31.3 24.6 36.8

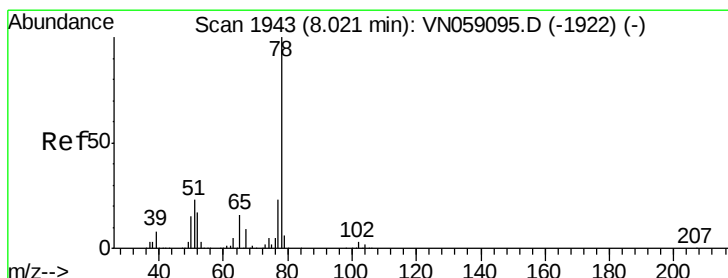
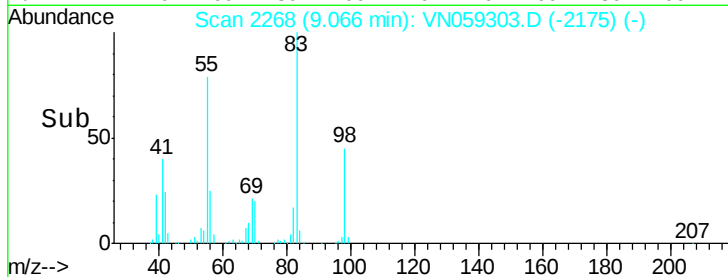
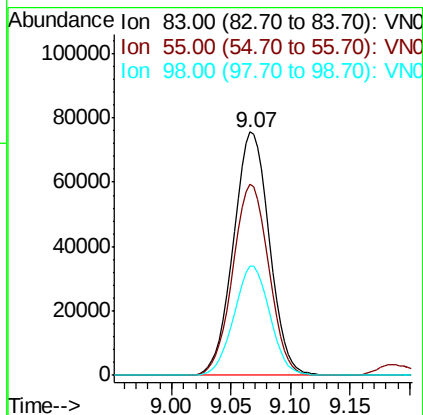
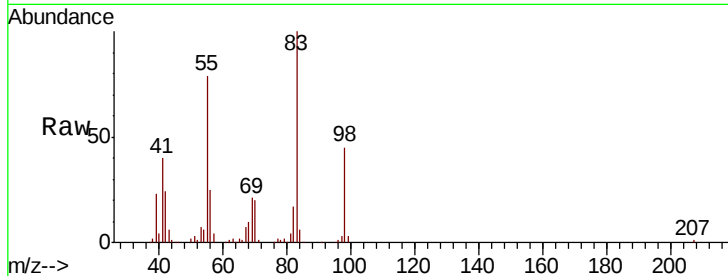




#39
Methvlcvclohexane
Concen: 24.347 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

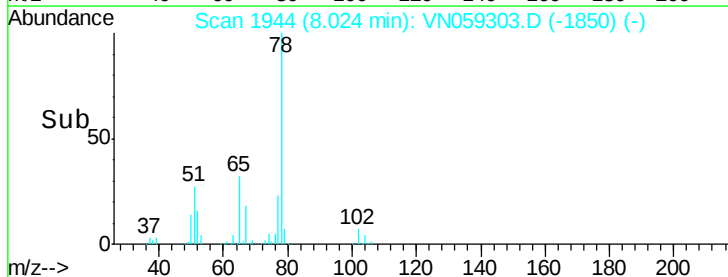
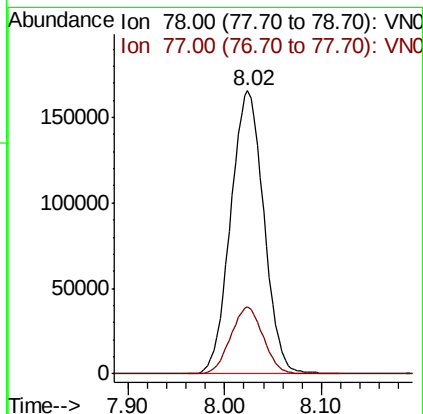
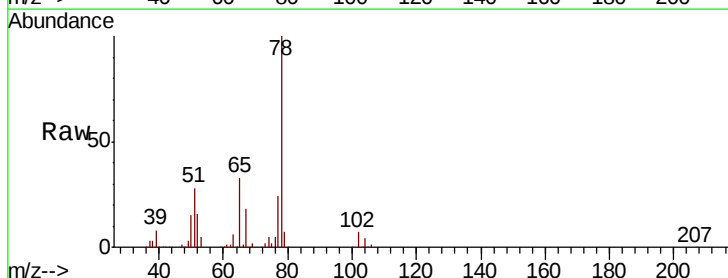
Instrument :
MSVOA_N
ClientSampled :

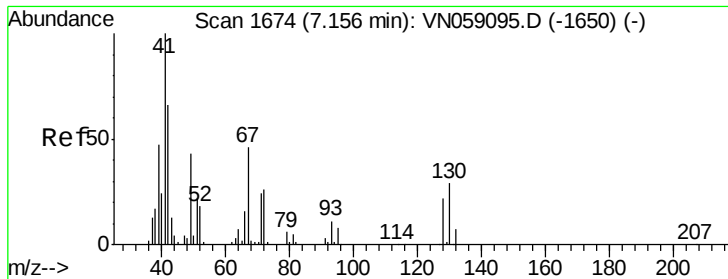
Tot Ion: 83 Resp: 158718
Ion Ratio Lower Upper
83 100
55 78.6 63.9 95.9
98 44.9 35.6 53.4



#40
Benzene
Concen: 23.350 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 78 Resp: 394957
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

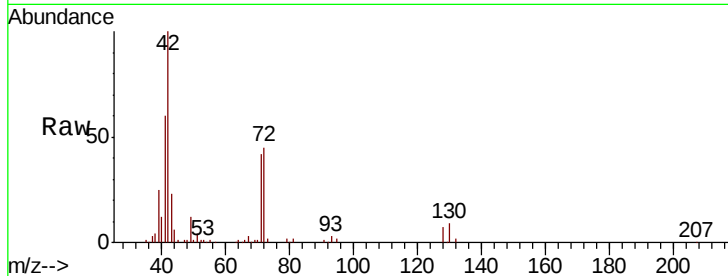




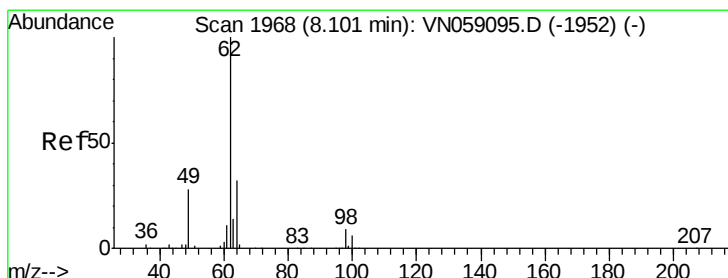
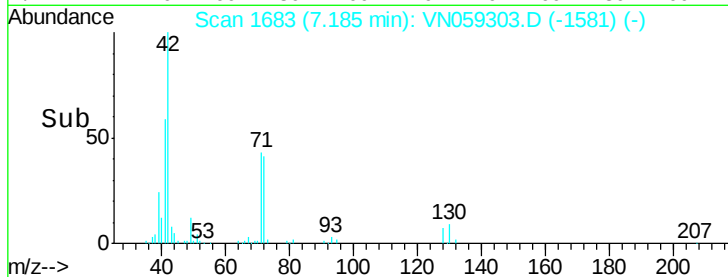
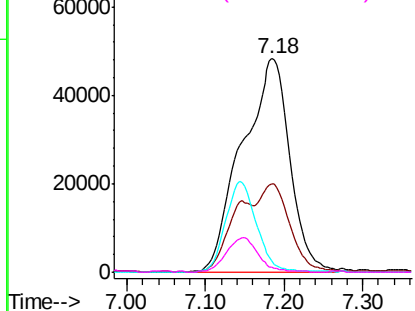
#41
Methacrylonitrile
Concen: 75.571 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	205342
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

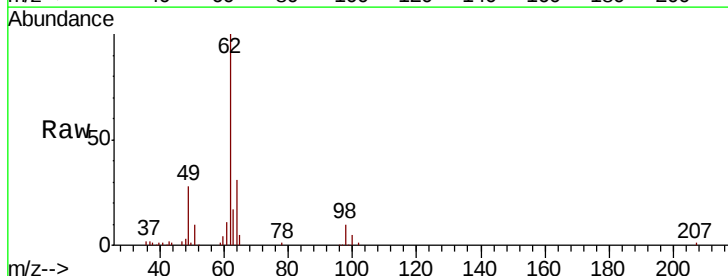


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

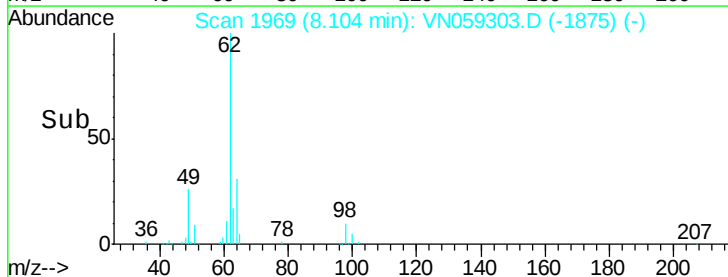
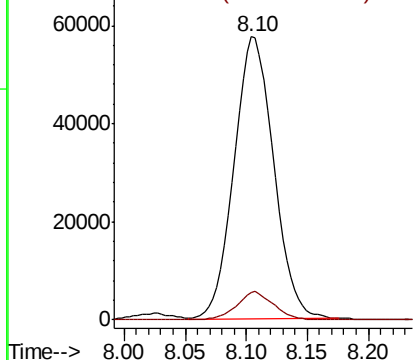


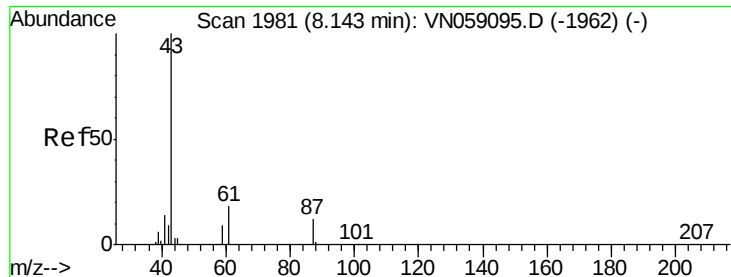
#42
1,2-Dichloroethane
Concen: 22.415 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion:	62	Resp:	130036
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



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

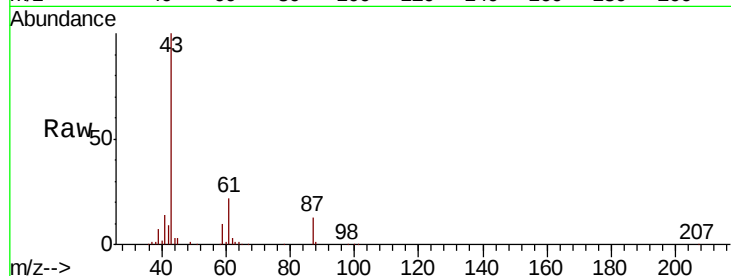




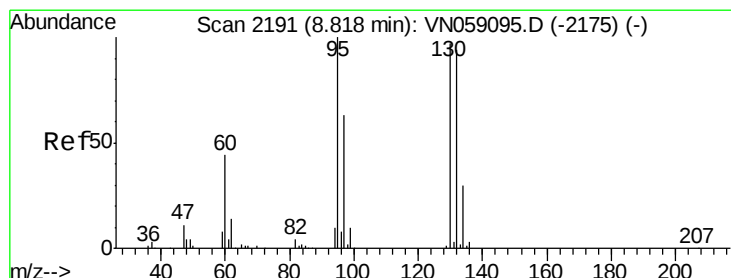
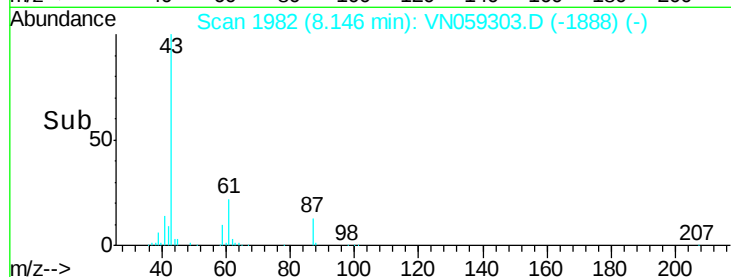
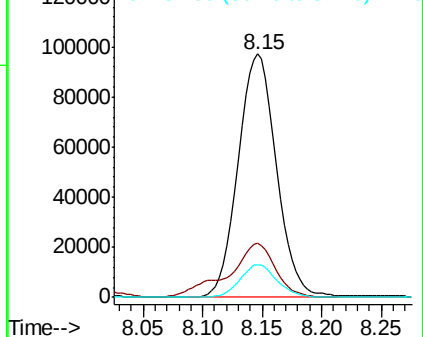
#43
Isopropyl Acetate
Concen: 21.617 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 215350
Ion Ratio Lower Upper
43 100
61 27.7 21.0 31.6
87 13.1 9.8 14.6

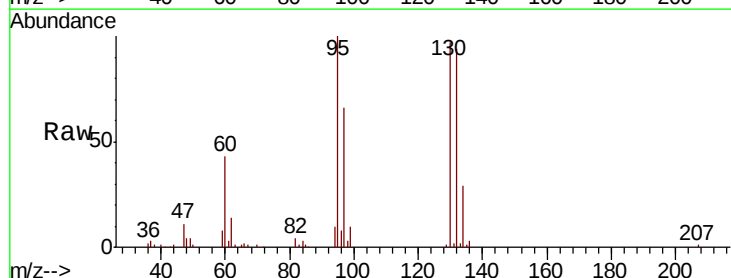


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

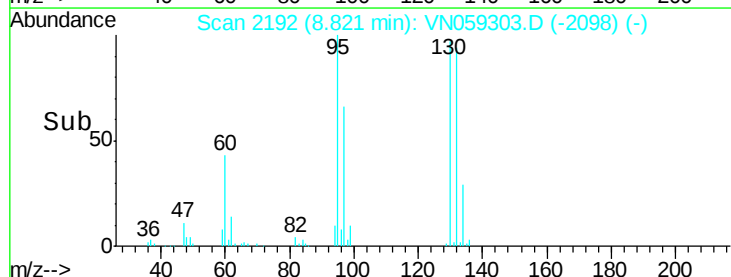
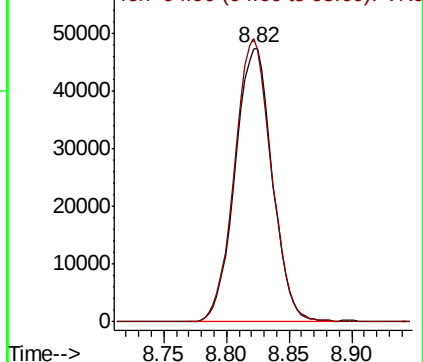


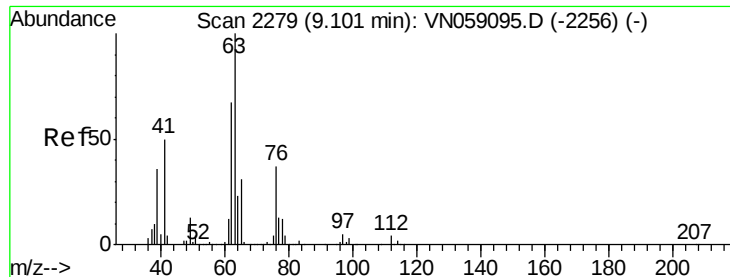
#44
Trichloroethene
Concen: 23.554 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion:130 Resp: 97935
Ion Ratio Lower Upper
130 100
95 103.5 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 22.670 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

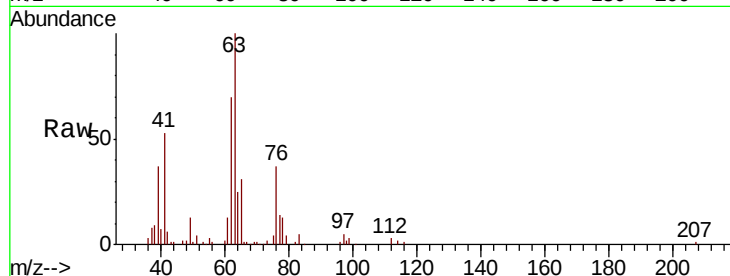
ClientSampled :

Tot Ion: 63 Resp: 104152

Ion Ratio Lower Upper

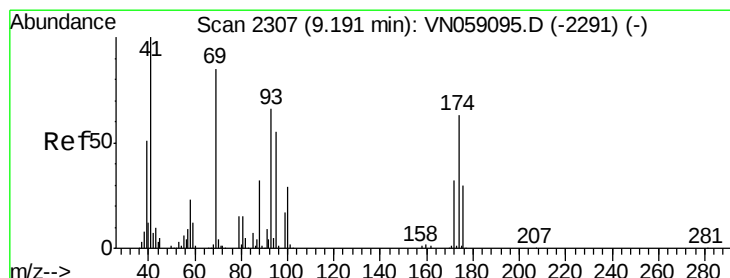
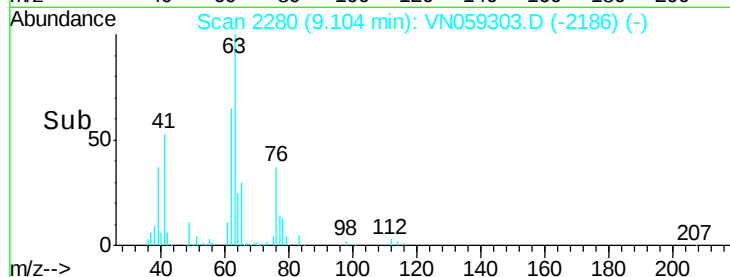
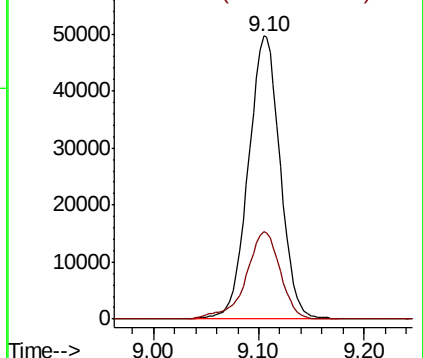
63 100

65 30.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 22.239 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

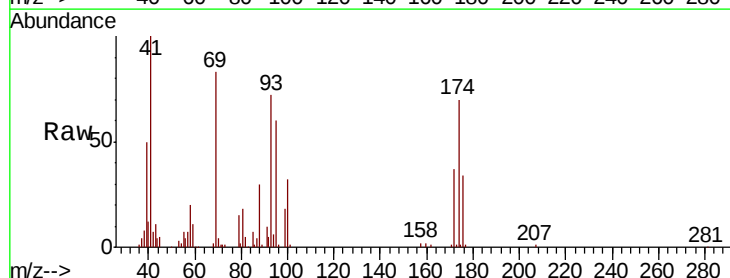
Tgt Ion: 93 Resp: 63668

Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

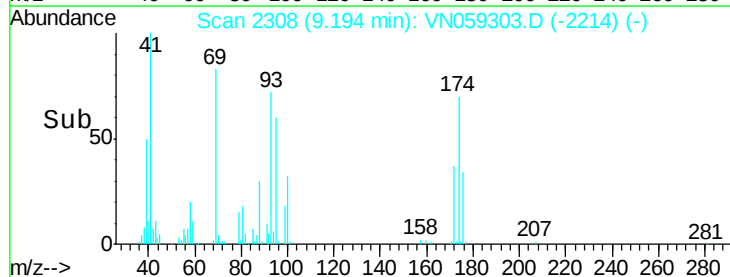
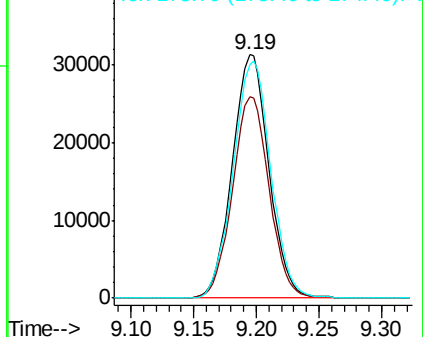
174 100.0 78.2 117.2

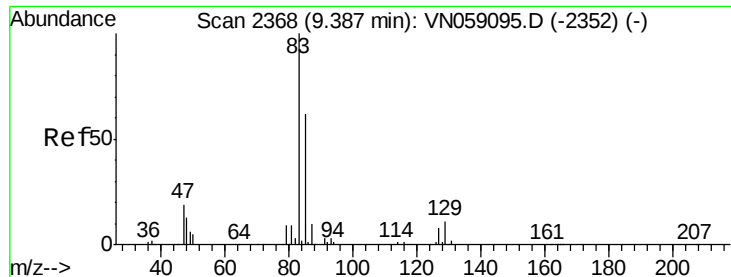


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.394 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

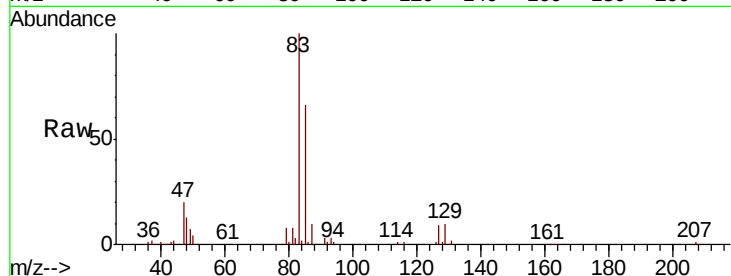
Tot Ion: 83 Resp: 128020

Ion Ratio Lower Upper

83 100

85 65.7 49.7 74.5

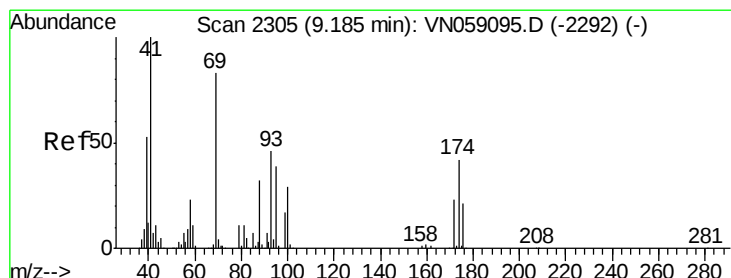
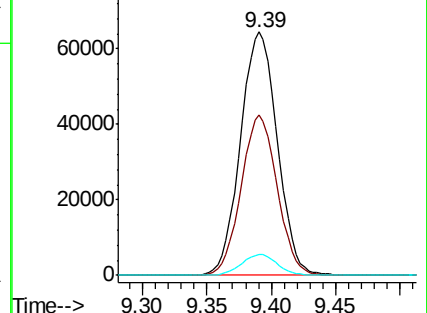
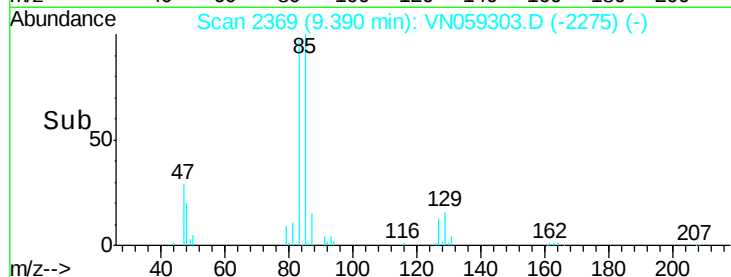
127 8.6 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 21.512 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

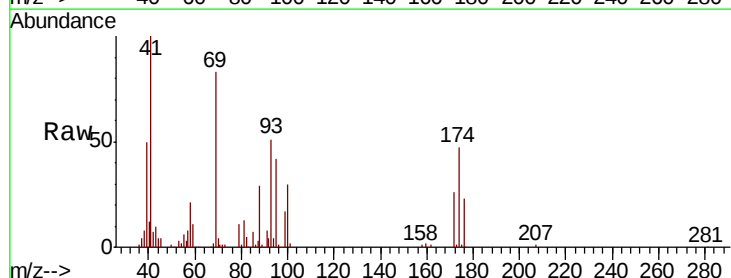
Tgt Ion: 41 Resp: 95857

Ion Ratio Lower Upper

41 100

69 88.8 67.3 100.9

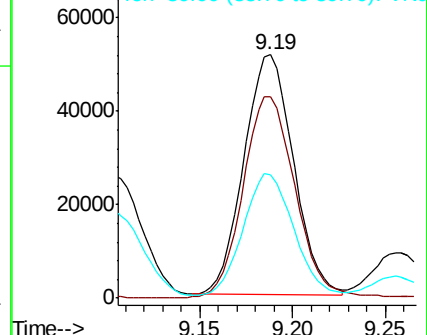
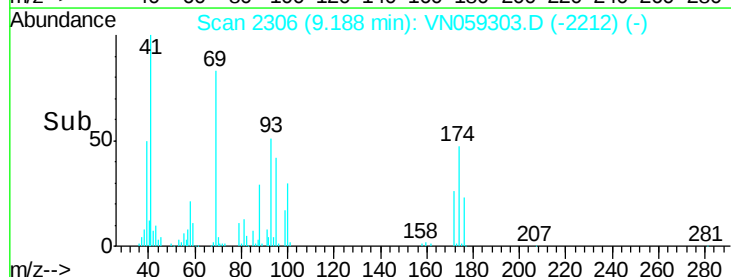
39 53.2 43.3 64.9

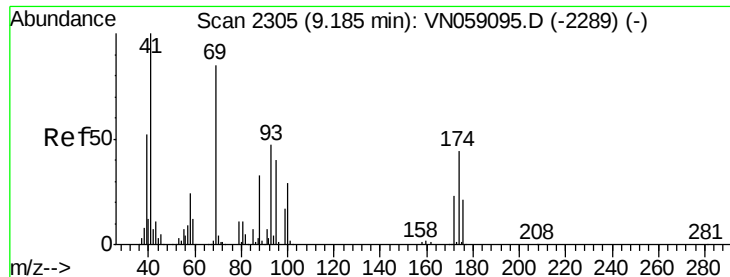


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

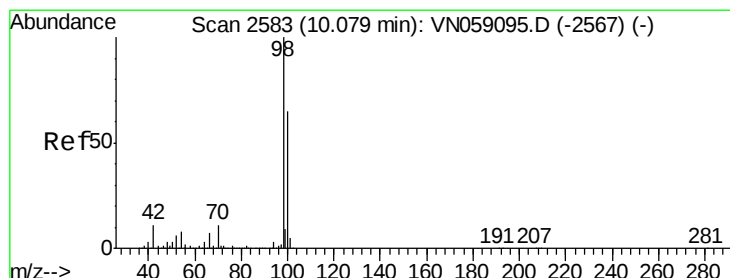
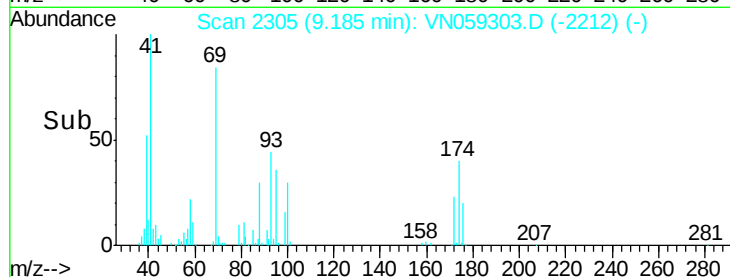
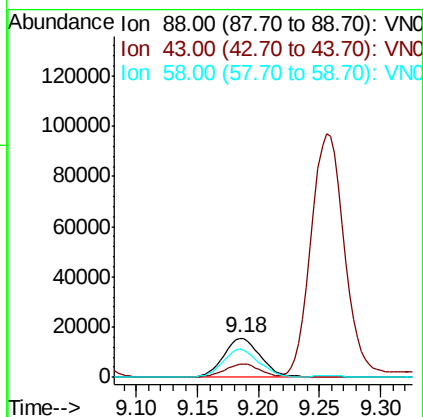
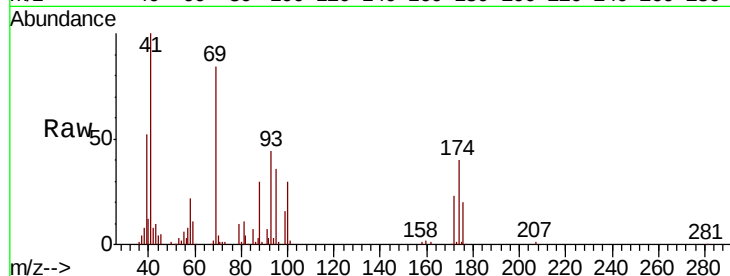




#49
 1,4-Dioxane
 Concen: 414.489 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

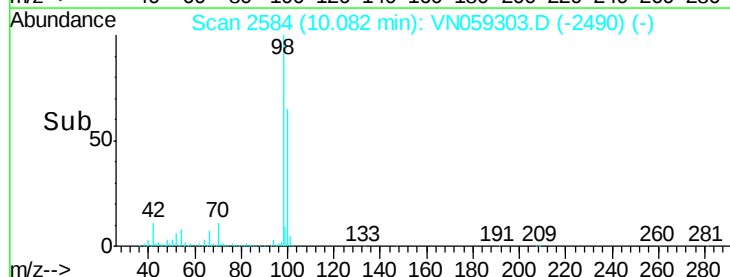
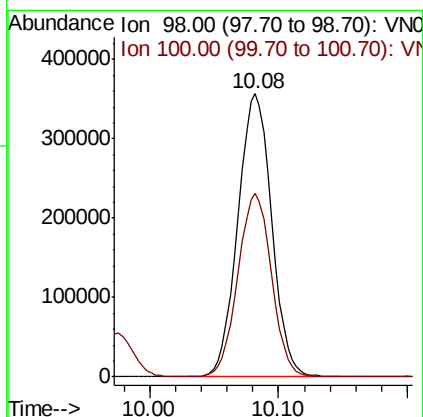
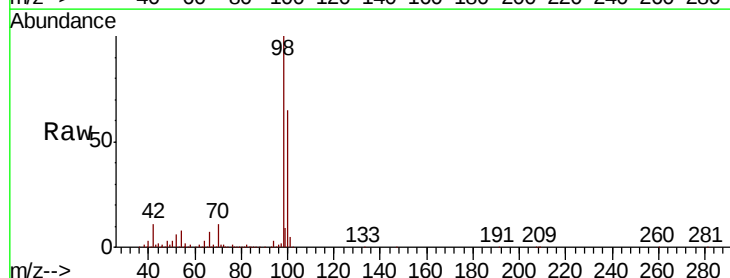
Instrument :
 MSVOA_N
 ClientSampleId :

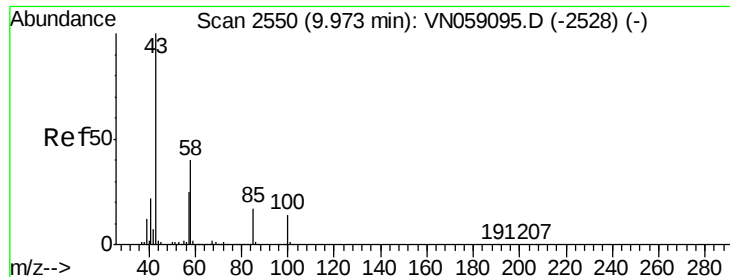
Tot Ion: 88 Resp: 32823
 Ion Ratio Lower Upper
 88 100
 43 33.7 26.3 39.5
 58 71.7 60.6 90.8



#50
 Toluene-d8
 Concen: 46.160 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

Tgt Ion: 98 Resp: 652390
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 121.794 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

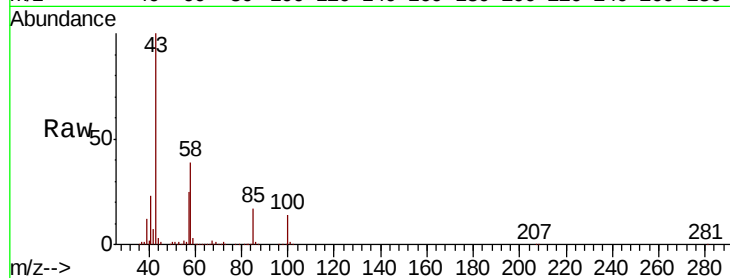
ClientSampleId :

Tot Ion: 43 Resp: 686519

Ion Ratio Lower Upper

43 100

58 39.4 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

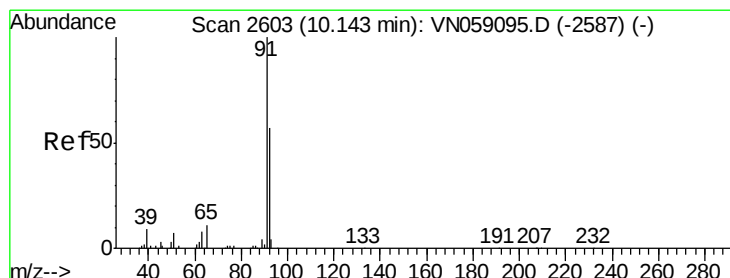
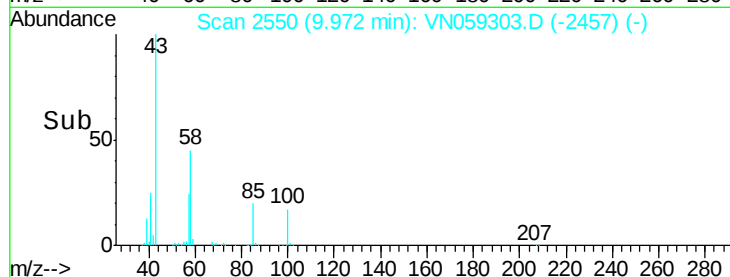
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 23.431 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059303.D

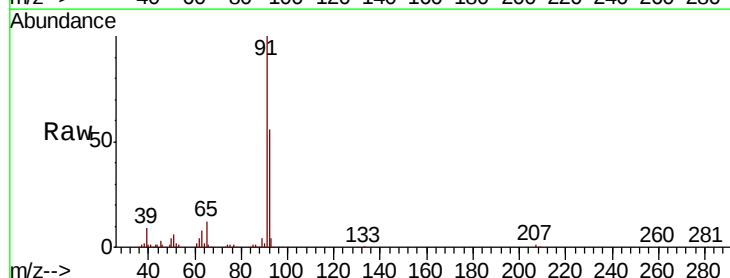
Acq: 19 Nov 2019 13:29

Tgt Ion: 92 Resp: 237547

Ion Ratio Lower Upper

92 100

91 174.1 139.5 209.3



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

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

10.15

250000

200000

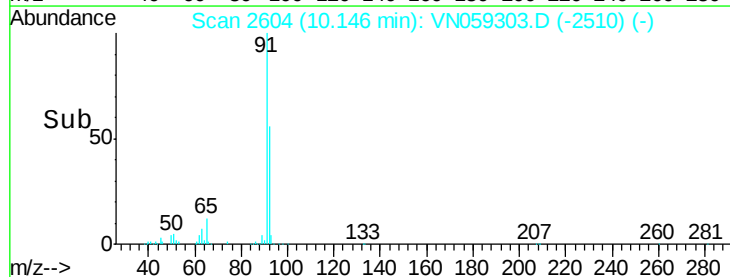
150000

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 22.155 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

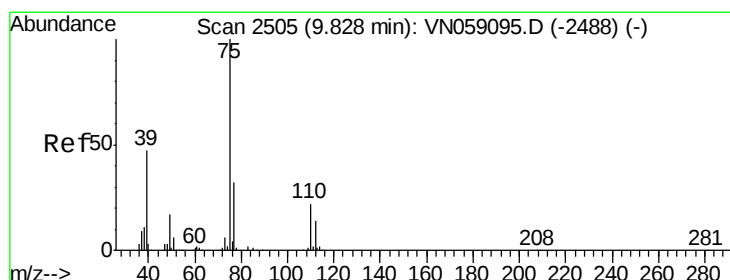
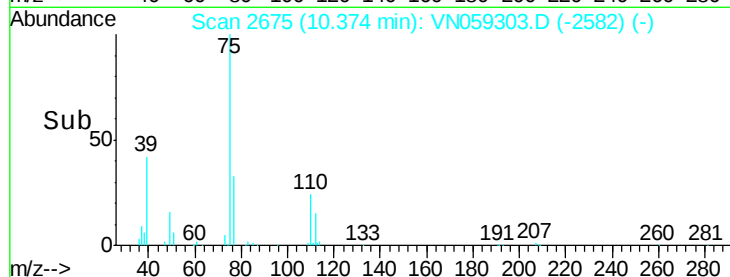
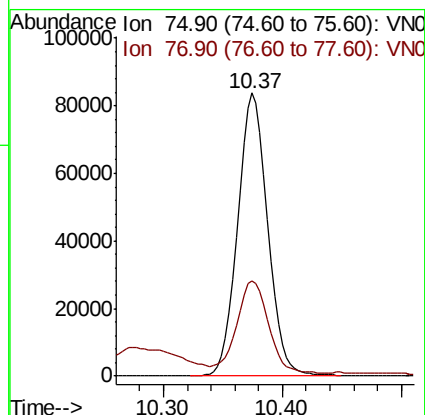
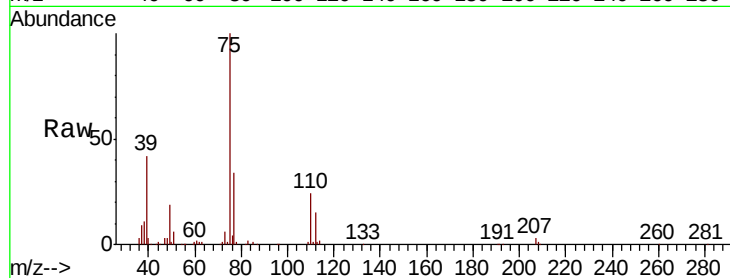
ClientSampleId :

Tot Ion: 75 Resp: 146327

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 22.644 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

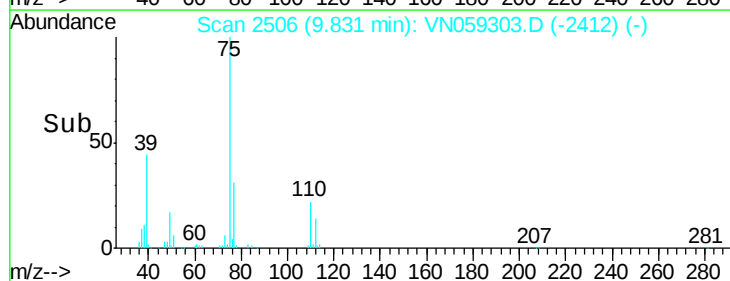
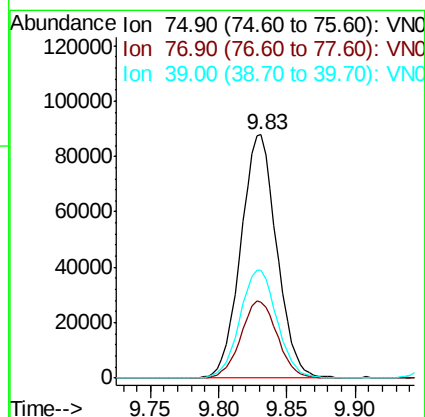
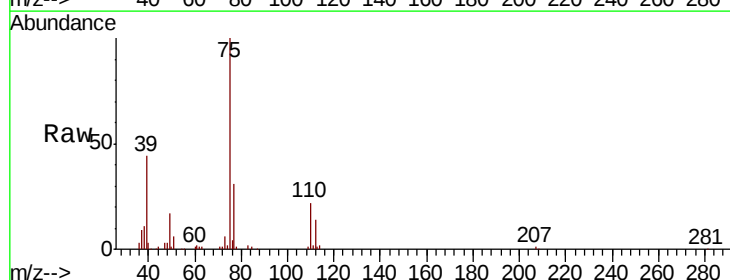
Tgt Ion: 75 Resp: 160879

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 44.1 37.3 55.9

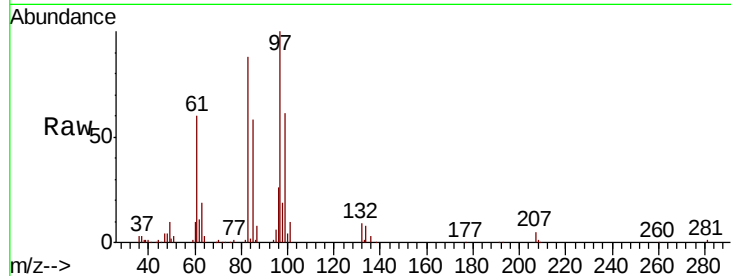




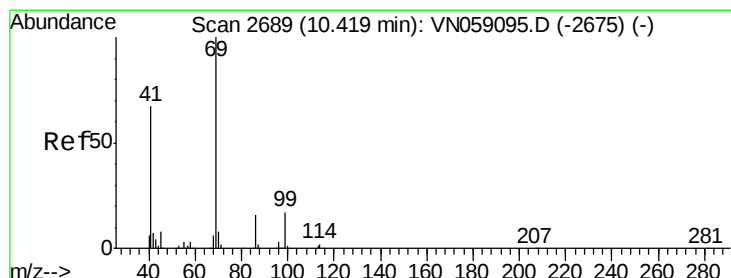
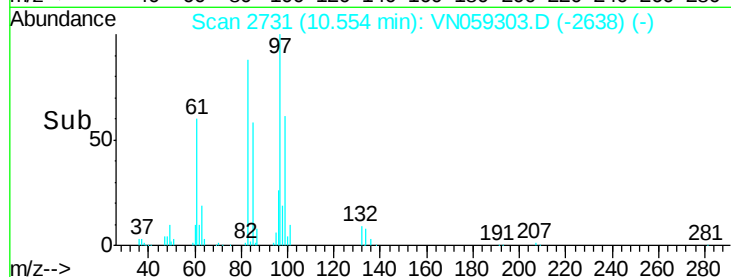
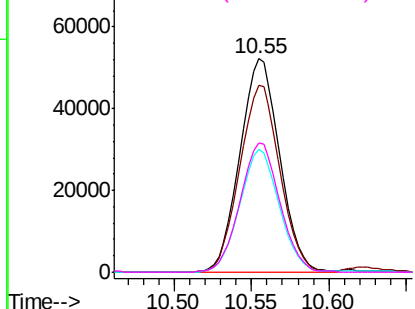
#55
 1,1,2-Trichloroethane
 Concen: 22.753 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	93356
Ion	Ratio	Lower	Upper
97	100		
83	87.6	71.0	106.4
85	57.6	45.8	68.8
99	60.8	49.4	74.0

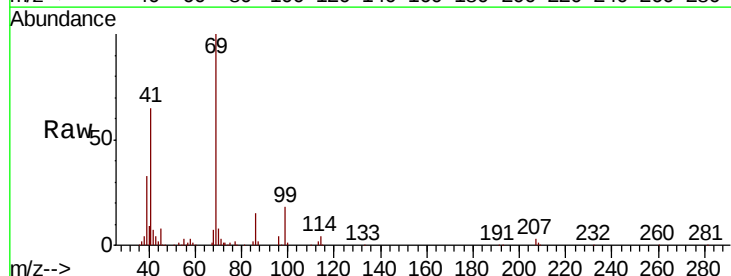


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

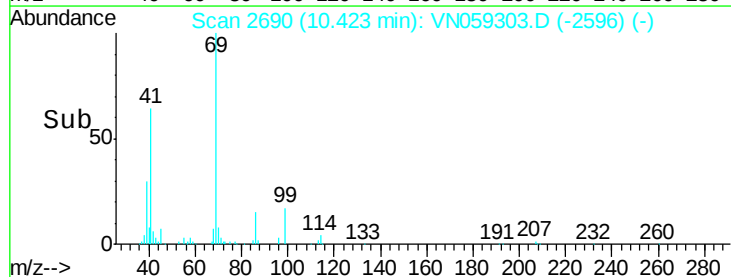
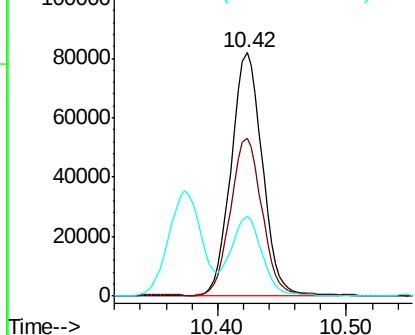


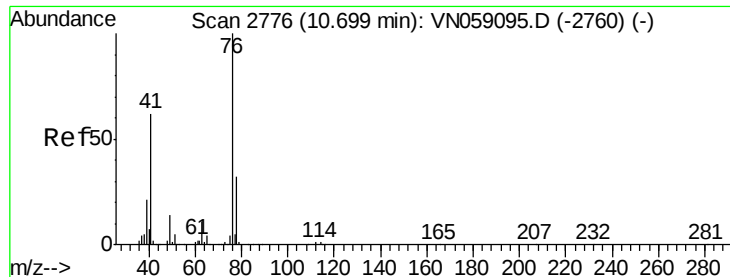
#56
 Ethyl methacrylate
 Concen: 21.301 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

Tgt Ion:	69	Resp:	138126
Ion	Ratio	Lower	Upper
69	100		
41	64.9	53.6	80.4
39	32.3	26.2	39.4



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





#57

1,3-Dichloropropane

Concen: 22.744 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

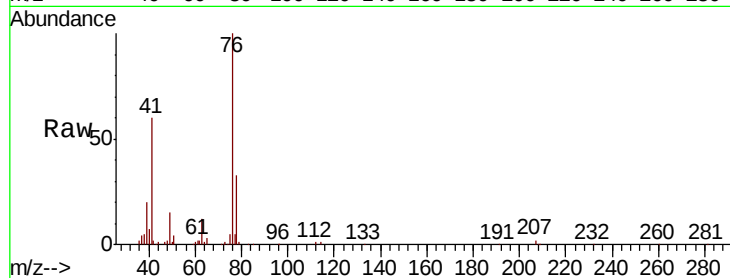
ClientSampled :

Tot Ion: 76 Resp: 160613

Ion Ratio Lower Upper

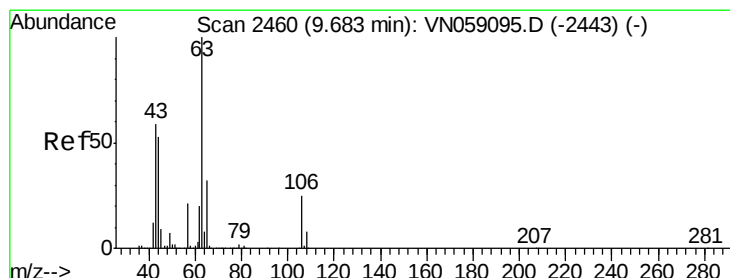
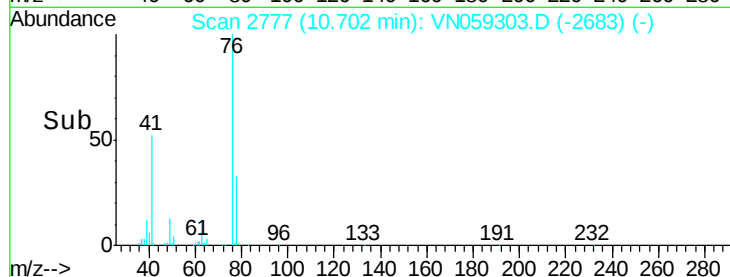
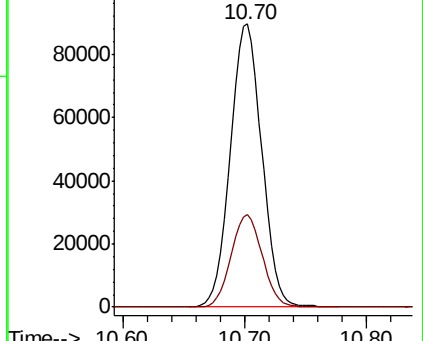
76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 90.992 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059303.D

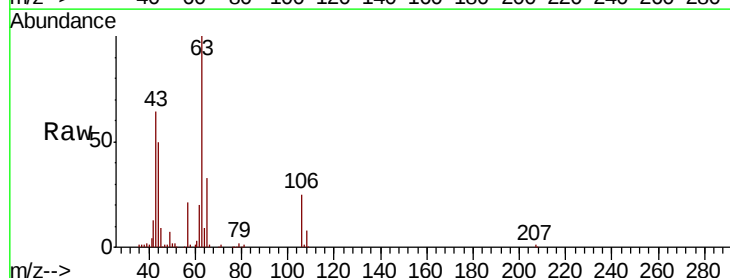
Acq: 19 Nov 2019 13:29

Tgt Ion: 63 Resp: 207773

Ion Ratio Lower Upper

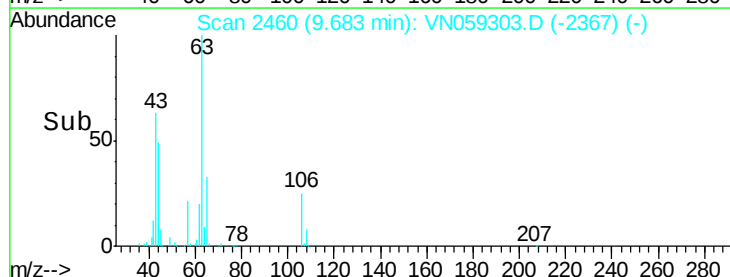
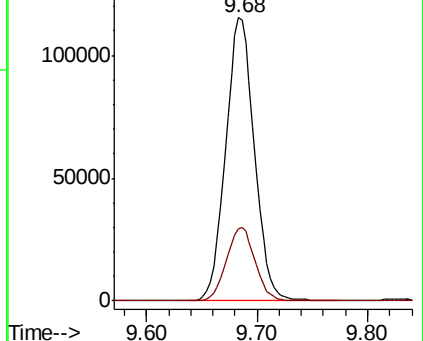
63 100

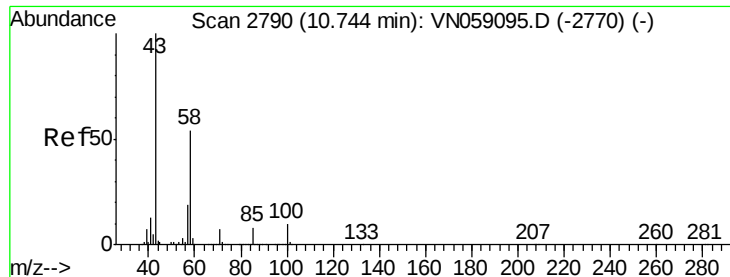
106 25.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

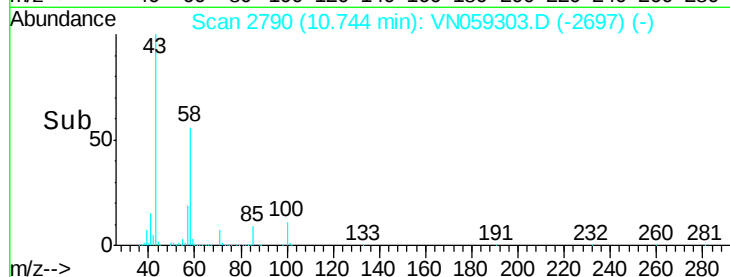
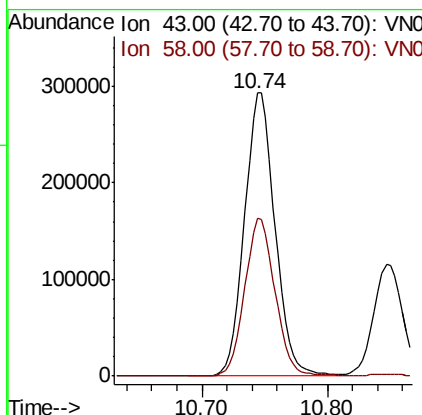
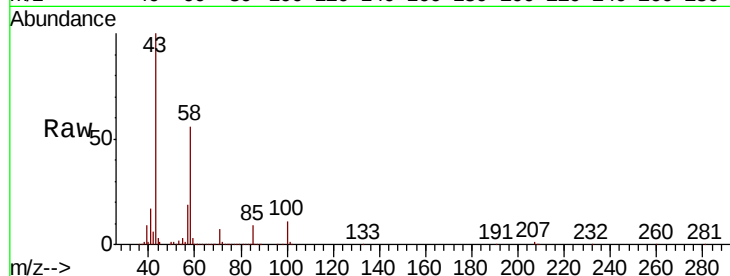




#59
2-Hexanone
Concen: 114.593 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

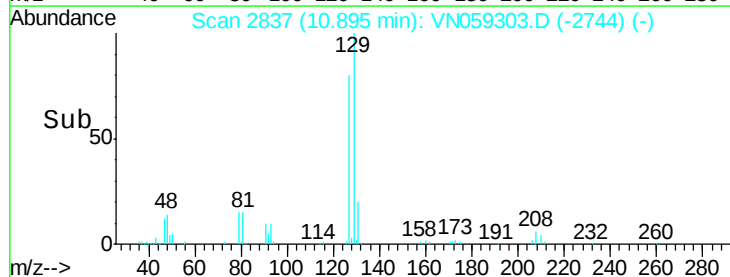
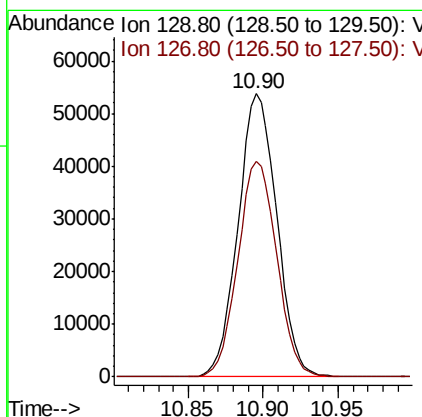
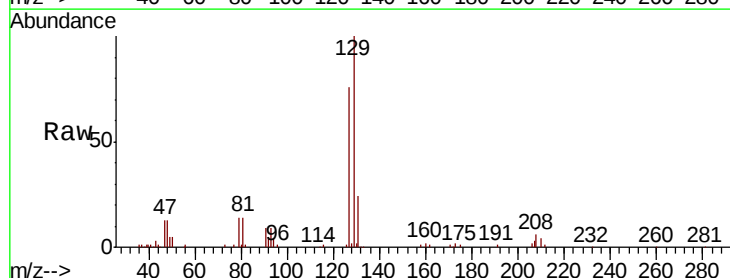
Instrument :
MSVOA_N
ClientSampleId :

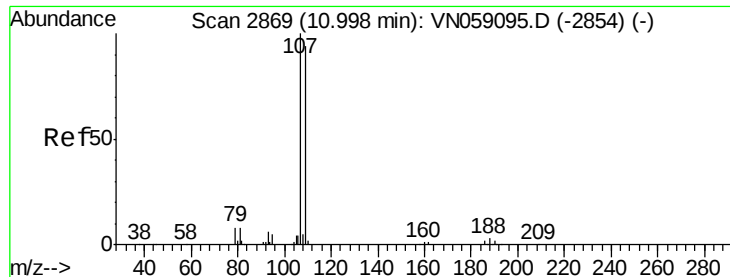
Tot Ion: 43 Resp: 495782
Ion Ratio Lower Upper
43 100
58 55.7 27.3 81.8



#60
Dibromochloromethane
Concen: 22.345 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion: 129 Resp: 96934
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 23.096 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

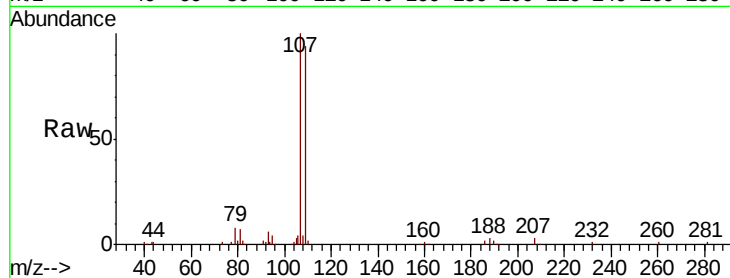
ClientSampleId :

Tot Ion:107 Resp: 95928

Ion Ratio Lower Upper

107 100

109 94.3 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

60000

50000

40000

30000

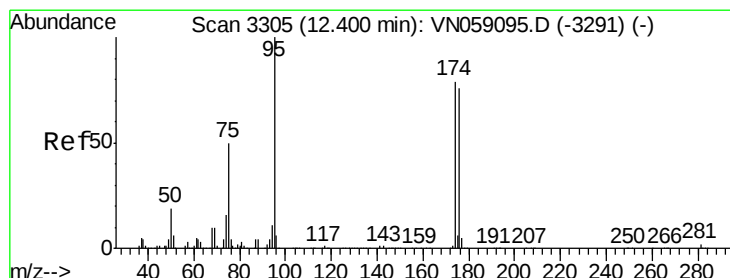
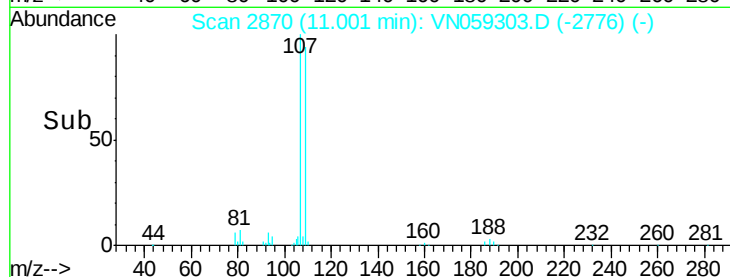
20000

10000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 46.967 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

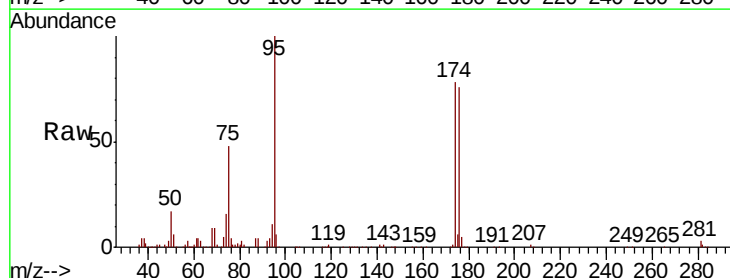
Tgt Ion: 95 Resp: 239343

Ion Ratio Lower Upper

95 100

174 78.2 0.0 158.2

176 76.0 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

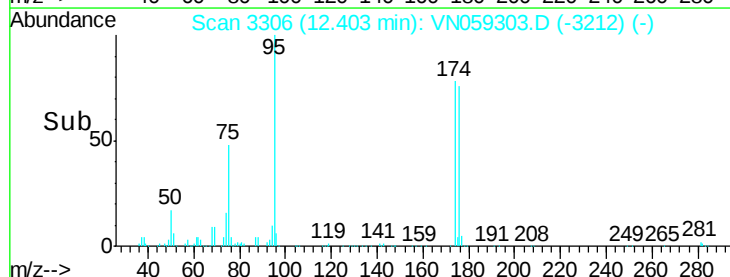
100000

50000

0

Time-->

12.35 12.40 12.45





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

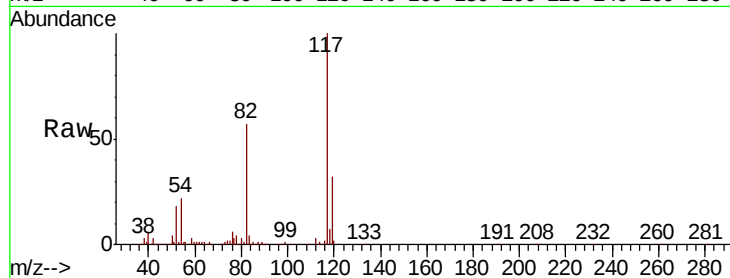
Tot Ion:117 Resp: 530774

Ion Ratio Lower Upper

117 100

82 56.7 45.8 68.8

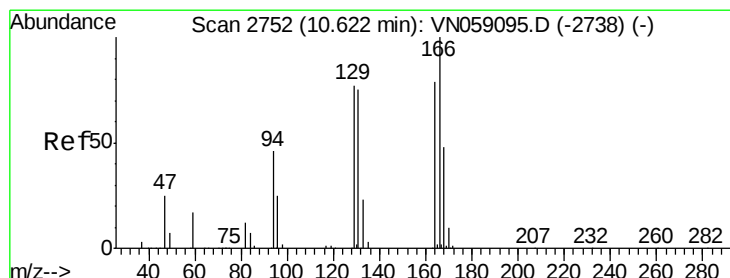
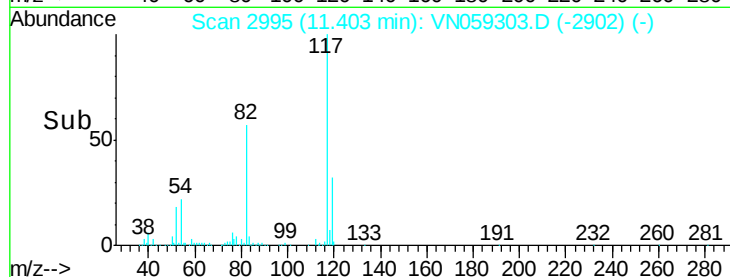
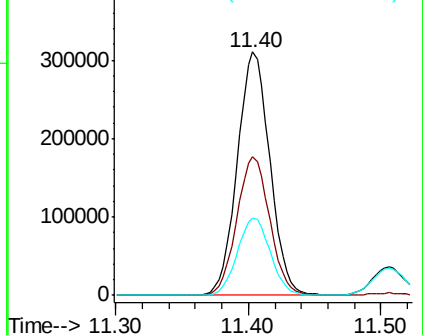
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 24.045 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Tgt Ion:164 Resp: 86782

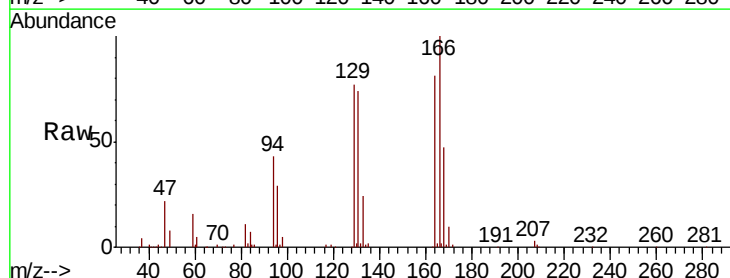
Ion Ratio Lower Upper

164 100

166 123.8 101.5 152.3

129 95.4 78.3 117.5

131 91.5 75.9 113.9

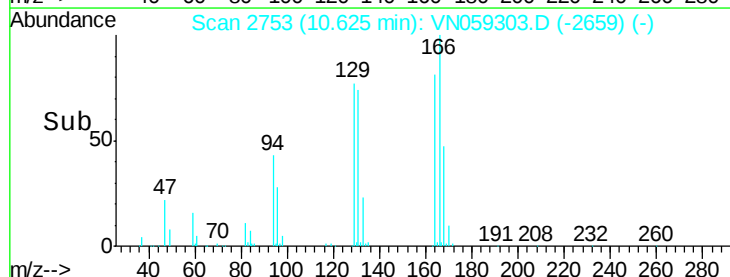
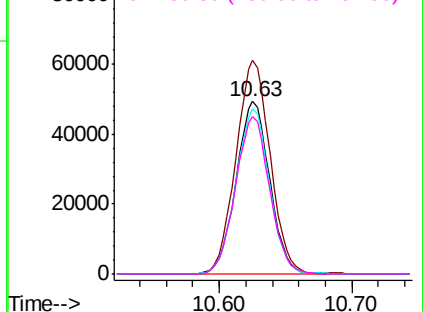


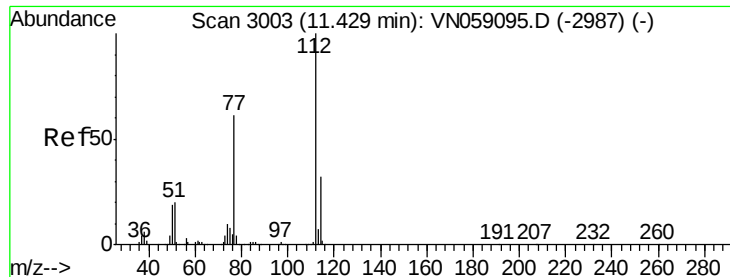
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

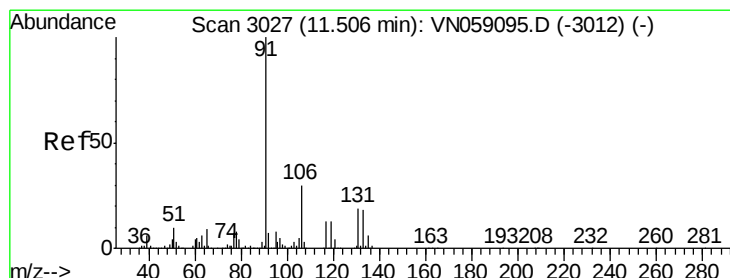
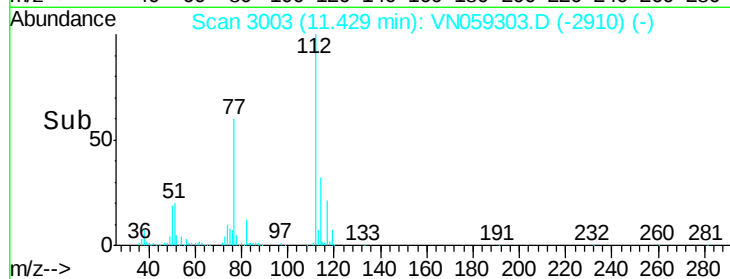
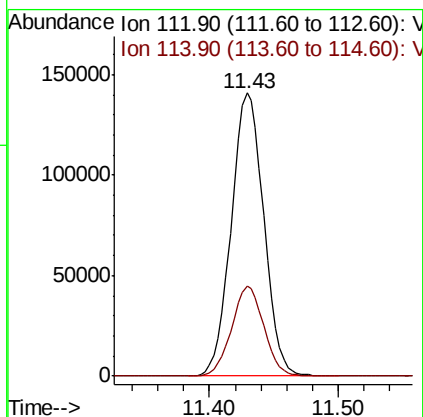
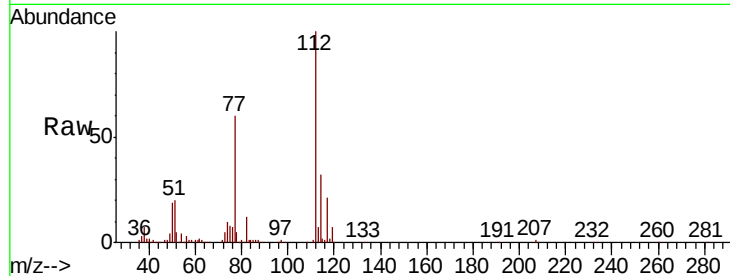




#65
Chlorobenzene
Concen: 23.821 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

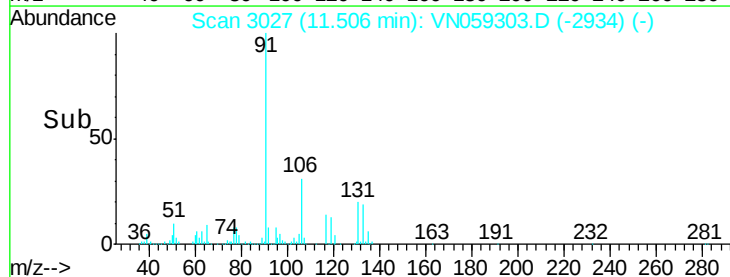
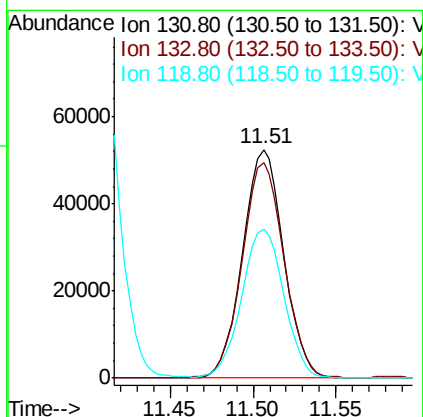
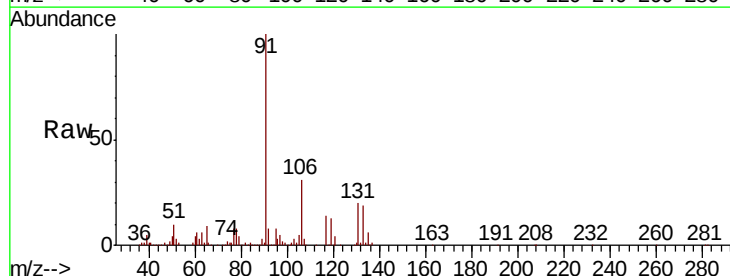
Instrument :
MSVOA_N
ClientSampleId :

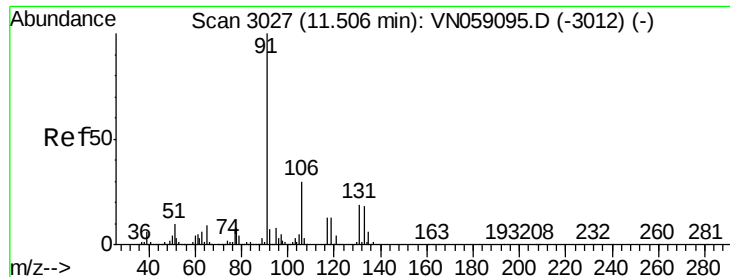
Tot Ion:112 Resp: 246468
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 23.234 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion:131 Resp: 90178
Ion Ratio Lower Upper
131 100
133 96.9 47.4 142.3
119 67.3 33.2 99.6





#67

Ethyl Benzene

Concen: 24.294 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

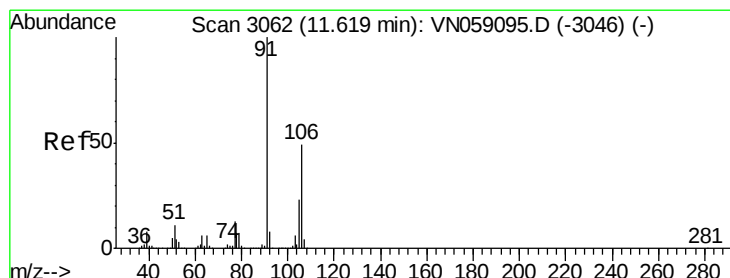
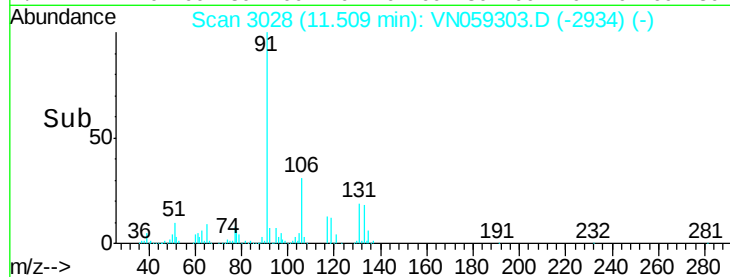
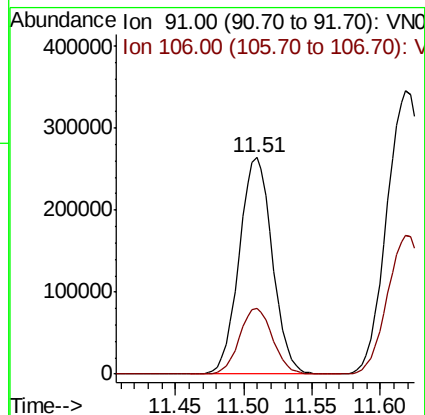
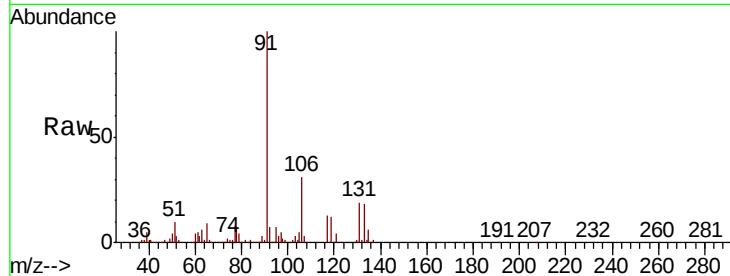
ClientSampled :

Tot Ion: 91 Resp: 445977

Ion Ratio Lower Upper

91 100

106 30.5 24.1 36.1



#68

m/p-Xylenes

Concen: 47.952 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059303.D

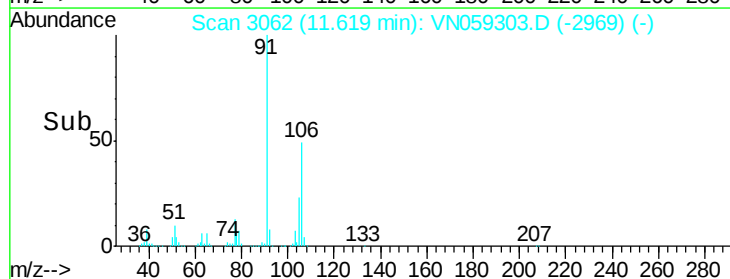
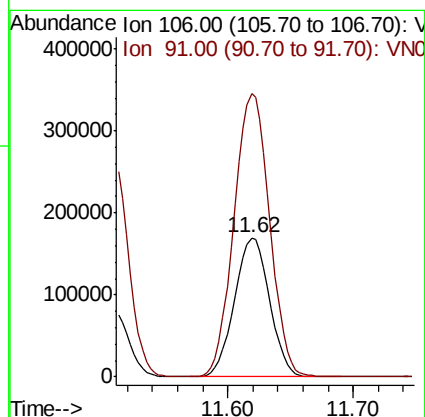
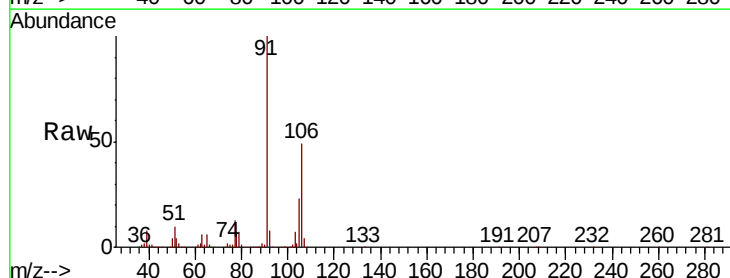
Acq: 19 Nov 2019 13:29

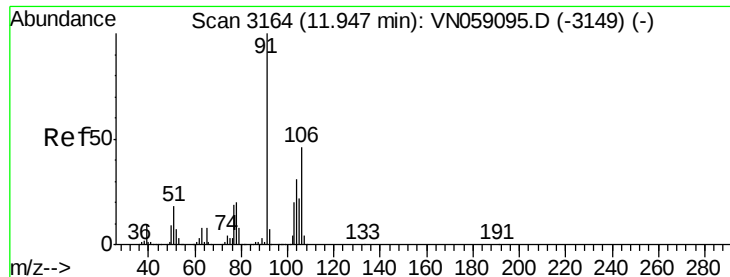
Tgt Ion: 106 Resp: 329747

Ion Ratio Lower Upper

106 100

91 206.2 164.7 247.1

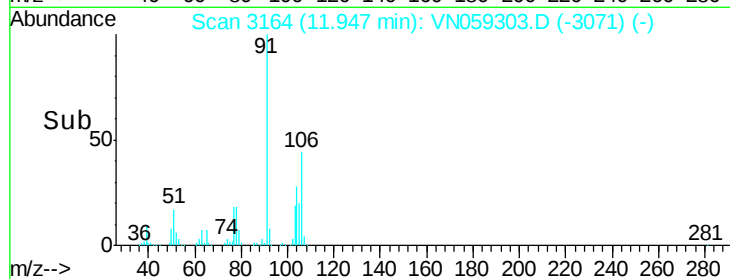
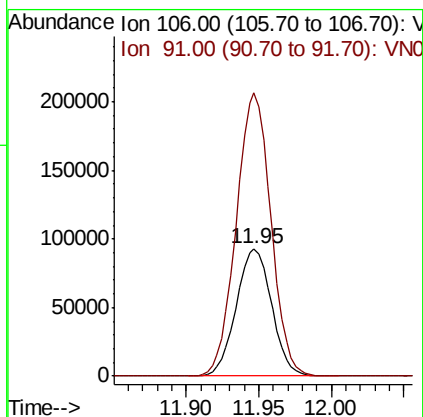
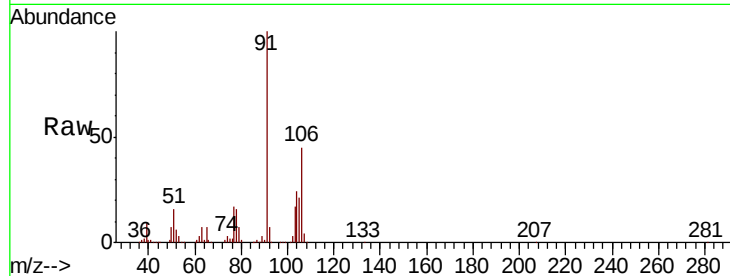




#69
o-Xylene
Concen: 23.695 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

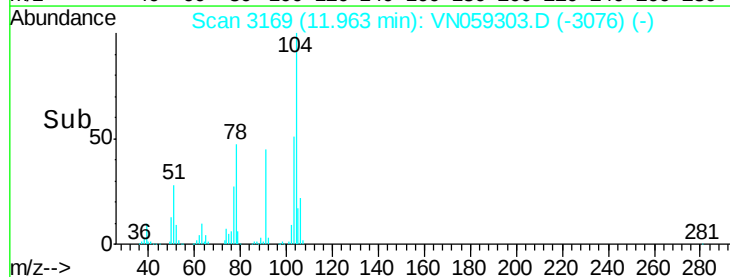
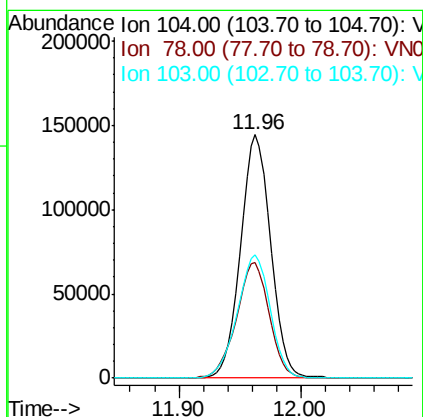
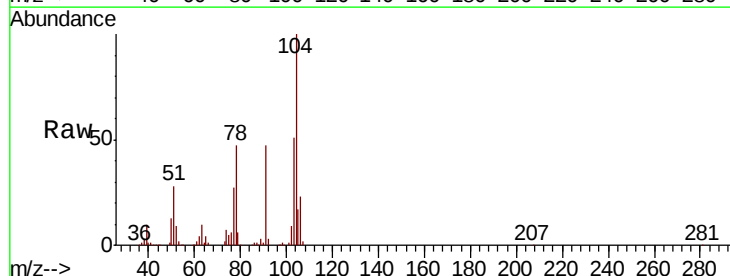
Instrument :
MSVOA_N
ClientSampled :

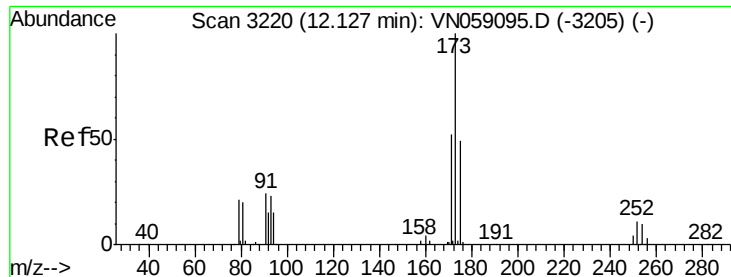
Tot Ion:106 Resp: 157463
Ion Ratio Lower Upper
106 100
91 217.8 110.1 330.3



#70
Styrene
Concen: 23.526 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion:104 Resp: 245887
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 55.6 43.8 65.6





#71

Bromoform

Concen: 22.533 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

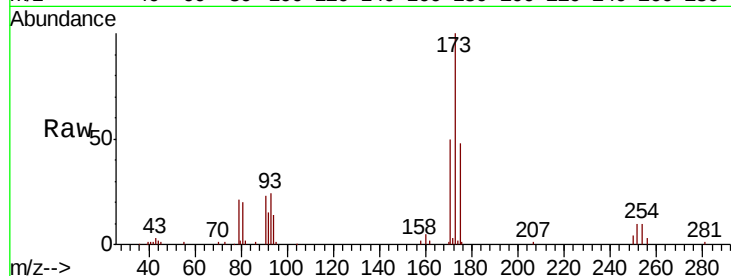
Tot Ion:173 Resp: 68028

Ion Ratio Lower Upper

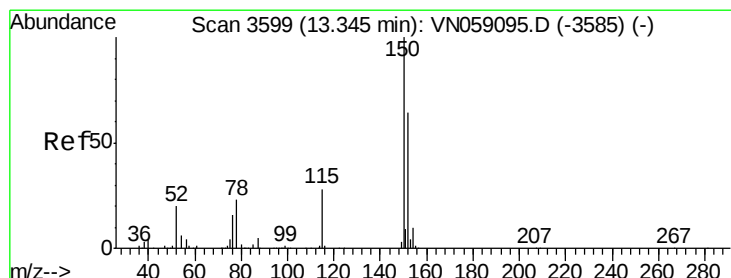
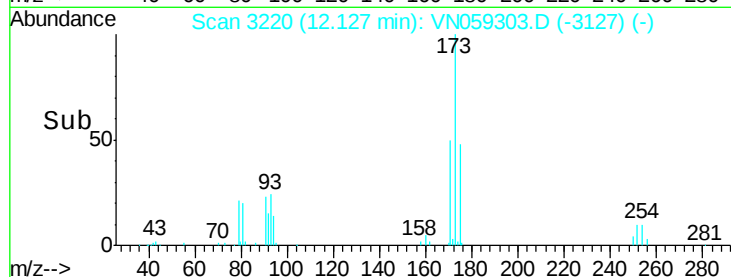
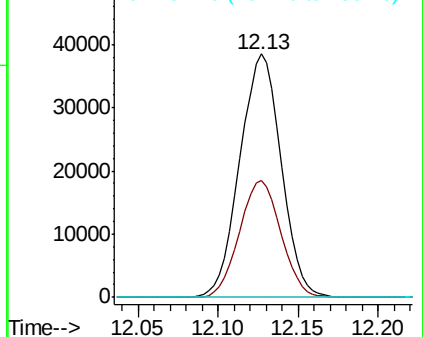
173 100

175 48.0 24.2 72.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

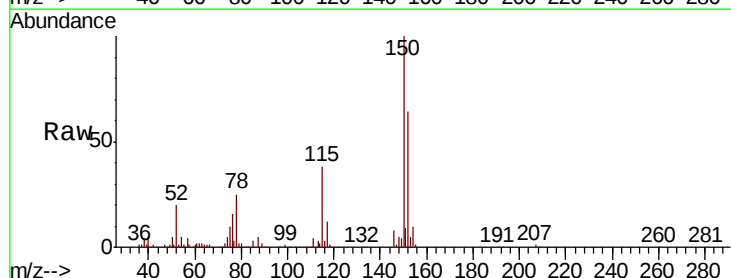
Tgt Ion:152 Resp: 244608

Ion Ratio Lower Upper

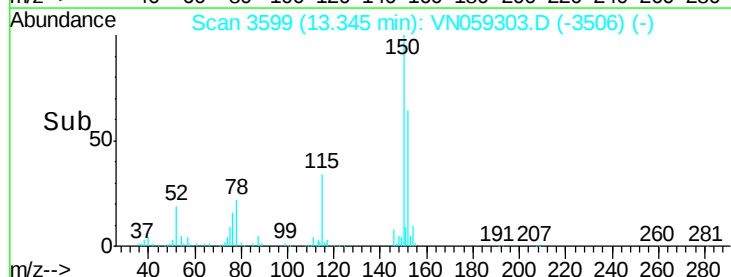
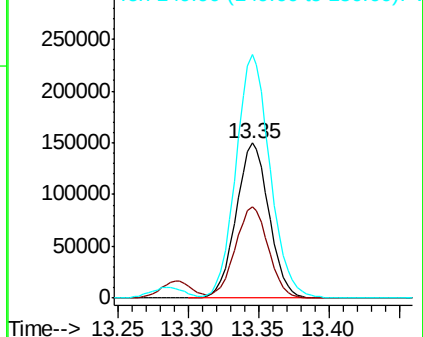
152 100

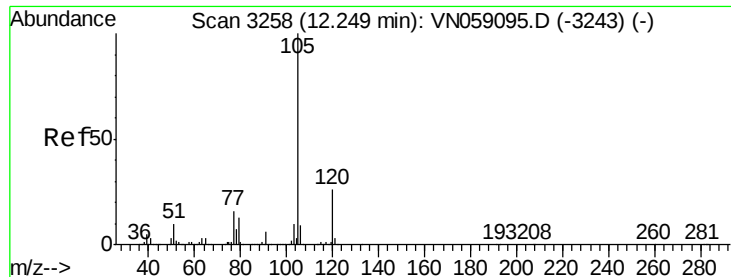
115 59.1 29.4 88.2

150 163.0 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.850 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

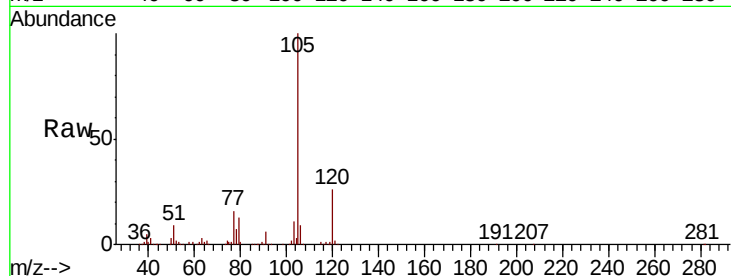
ClientSampleId :

Tot Ion:105 Resp: 424367

Ion Ratio Lower Upper

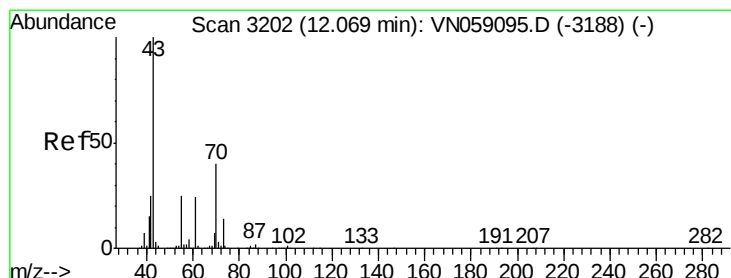
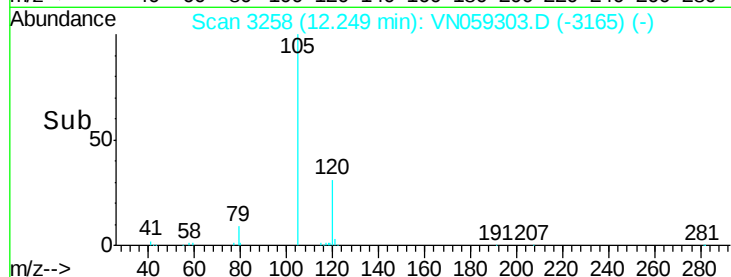
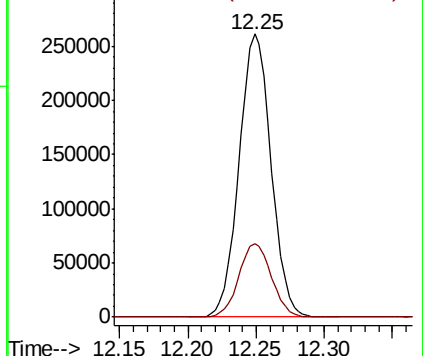
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.875 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Tgt Ion: 43 Resp: 164926

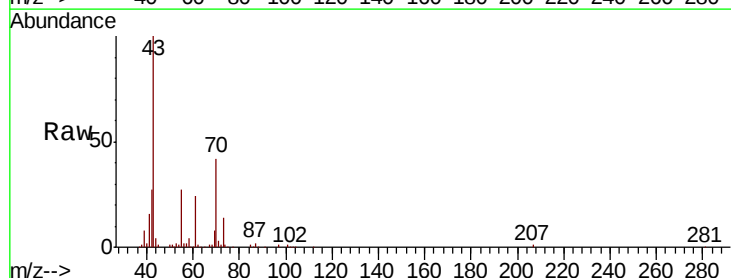
Ion Ratio Lower Upper

43 100

70 42.5 32.2 48.4

55 26.5 20.4 30.6

61 24.2 19.3 28.9

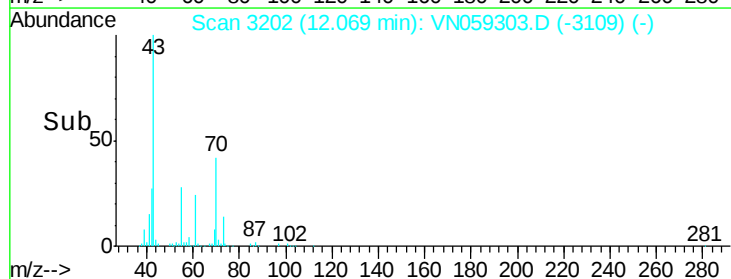
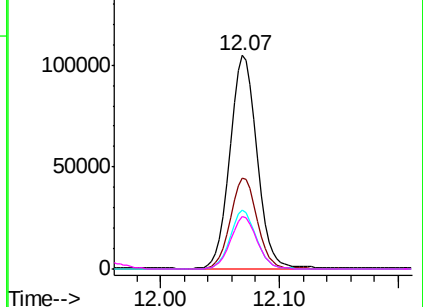


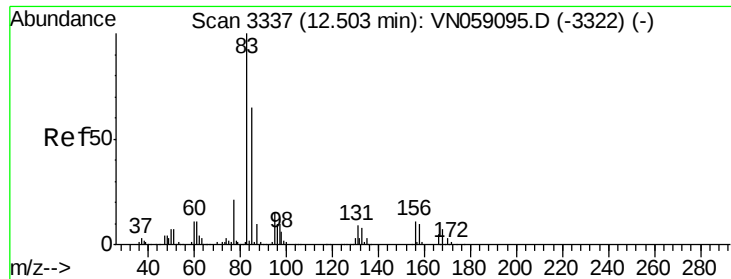
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 23.011 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

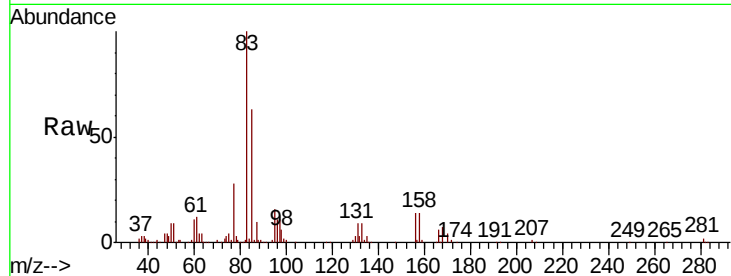
Tot Ion: 83 Resp: 139433

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 64.7 32.4 97.2



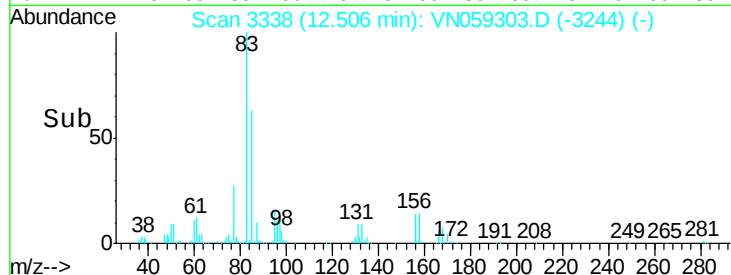
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

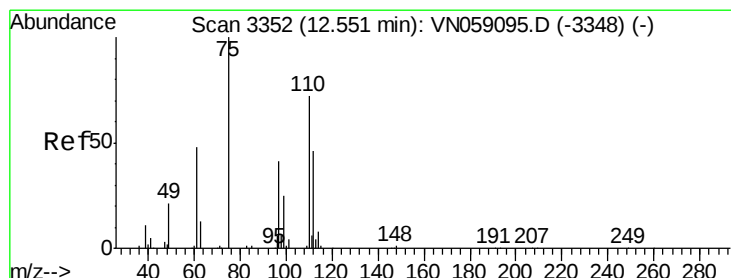
Ion 84.90 (84.60 to 85.60): VN0

12.51

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 33.066 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059303.D

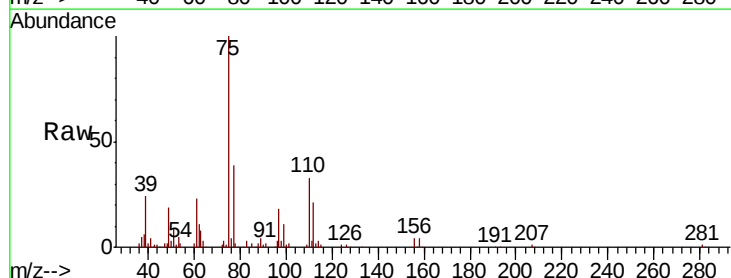
Acq: 19 Nov 2019 13:29

Tgt Ion: 75 Resp: 184142

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

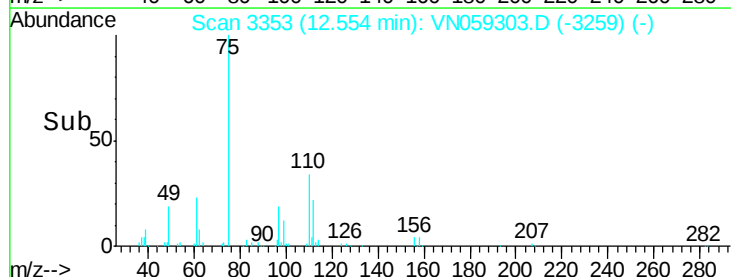


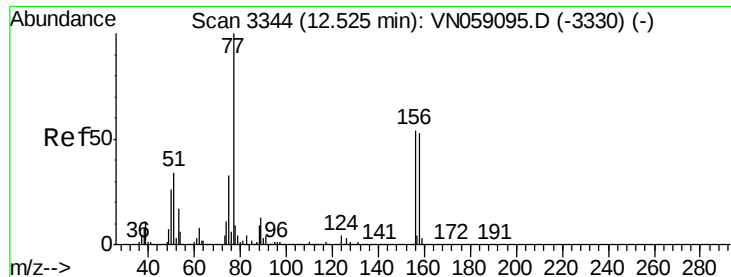
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.55

Time-->





#77

Bromobenzene

Concen: 22.828 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

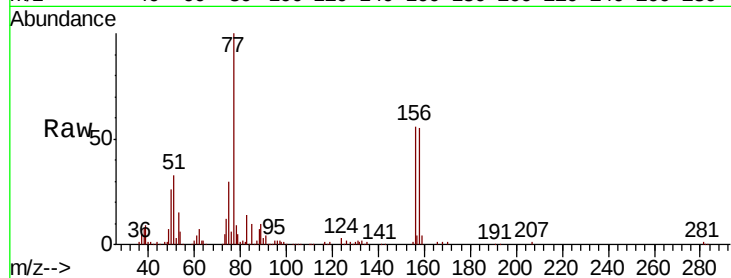
Tot Ion:156 Resp: 102050

Ion Ratio Lower Upper

156 100

77 220.2 112.8 338.3

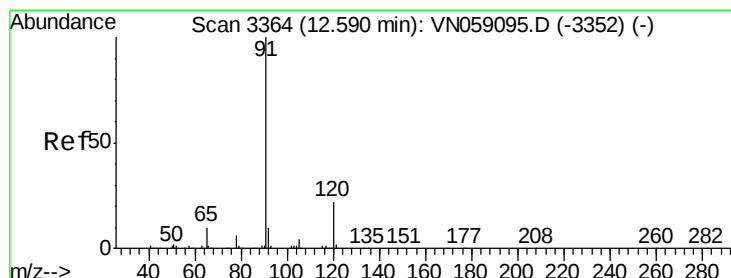
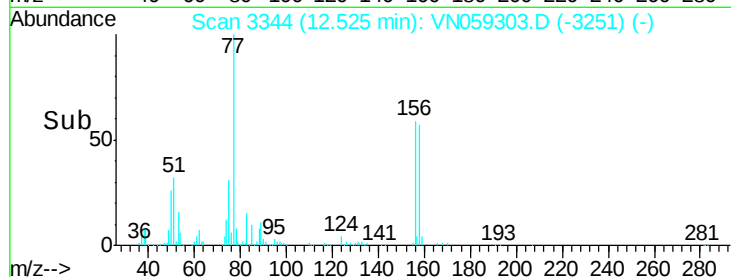
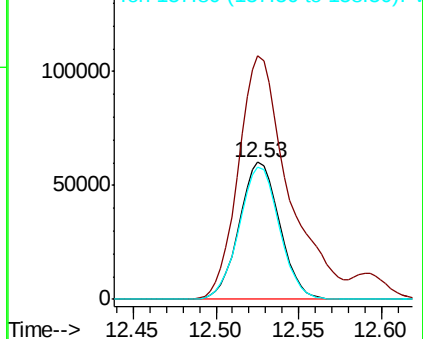
158 96.5 48.4 145.3



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: 23.875 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059303.D

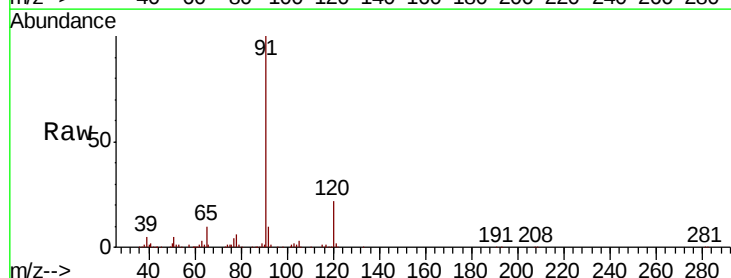
Acq: 19 Nov 2019 13:29

Tgt Ion: 91 Resp: 486395

Ion Ratio Lower Upper

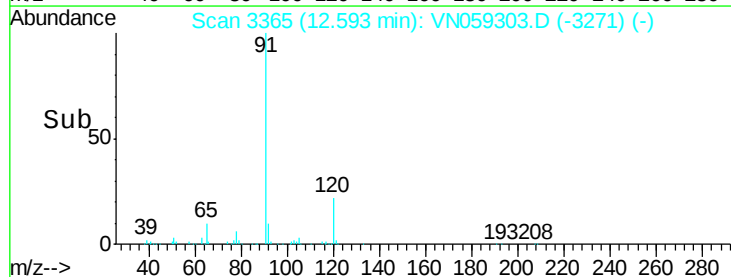
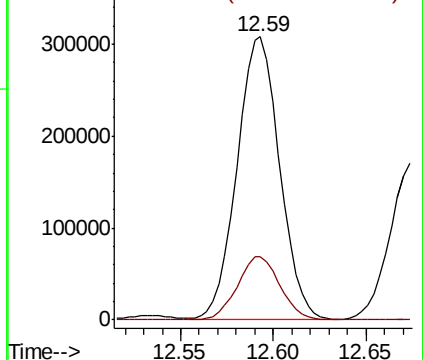
91 100

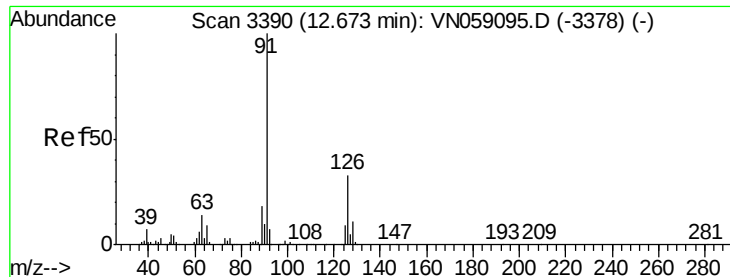
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

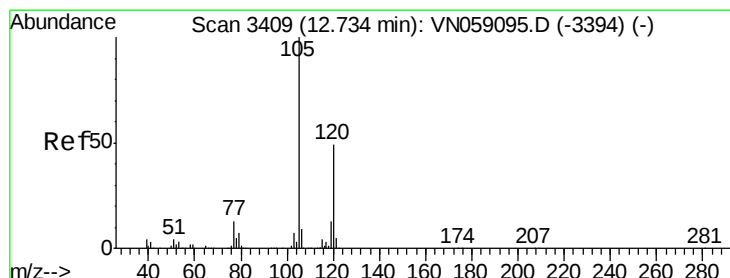
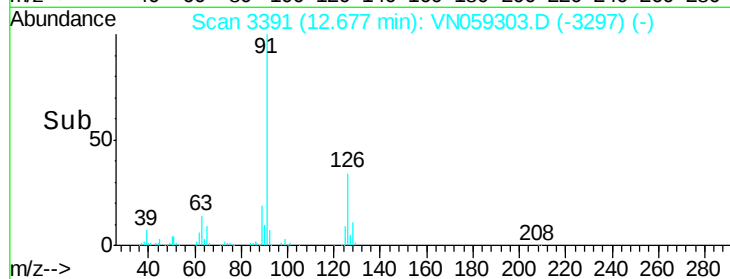
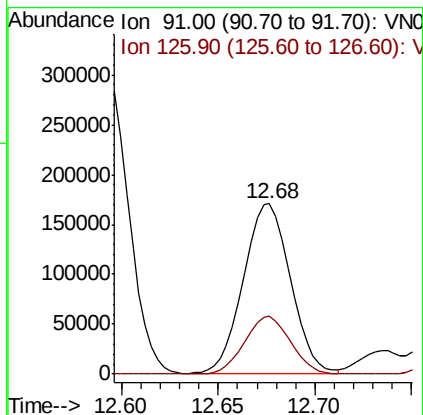
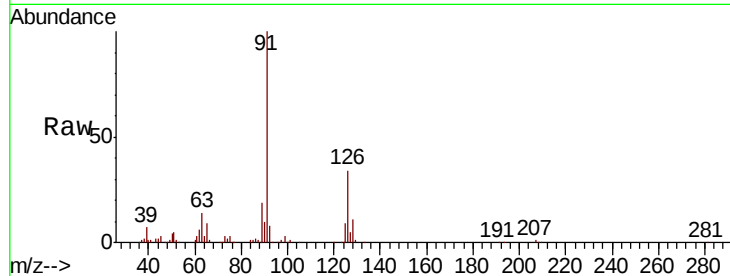




#79
 2-Chlorotoluene
 Concen: 22.793 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

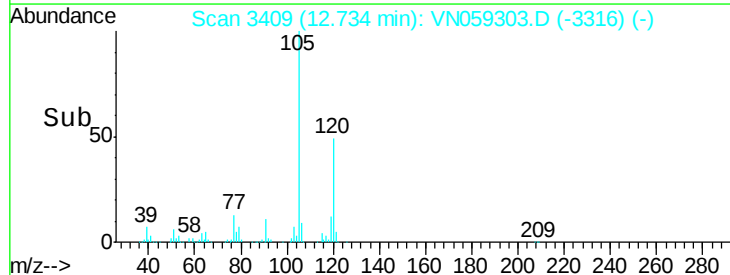
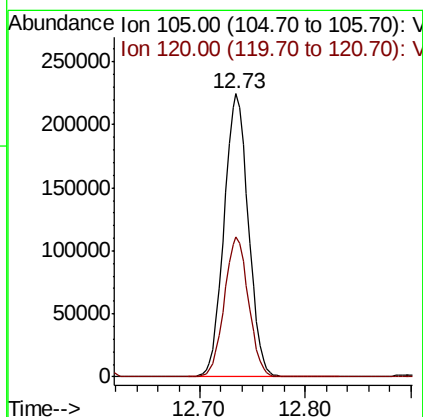
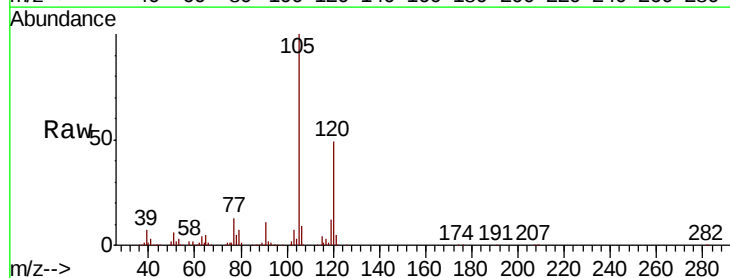
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 288062
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 23.709 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

Tgt Ion: 105 Resp: 357456
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 22.424 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

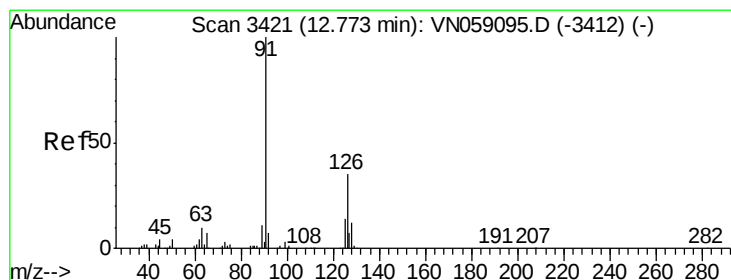
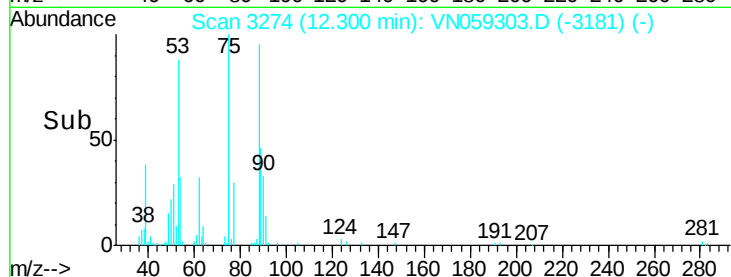
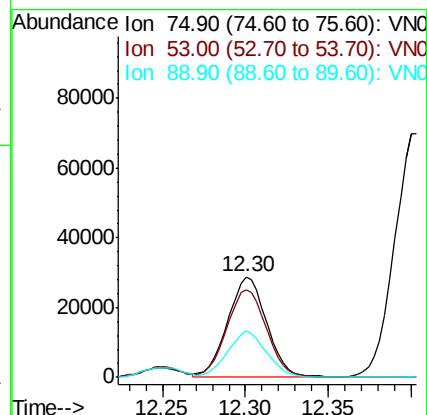
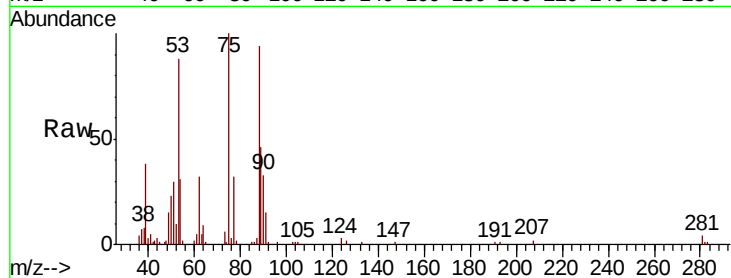
Tot Ion: 75 Resp: 47279

Ion Ratio Lower Upper

75 100

53 89.8 72.2 108.2

89 45.5 35.8 53.8



#82

4-Chlorotoluene

Concen: 22.708 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059303.D

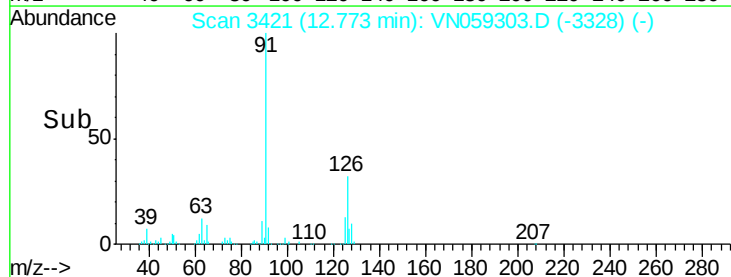
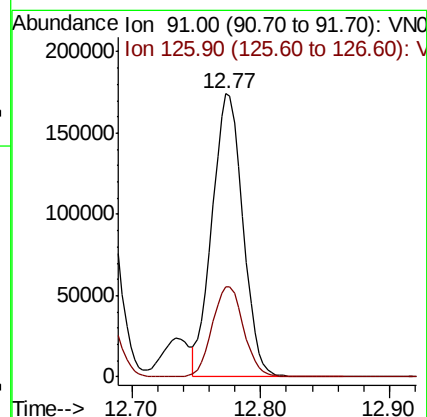
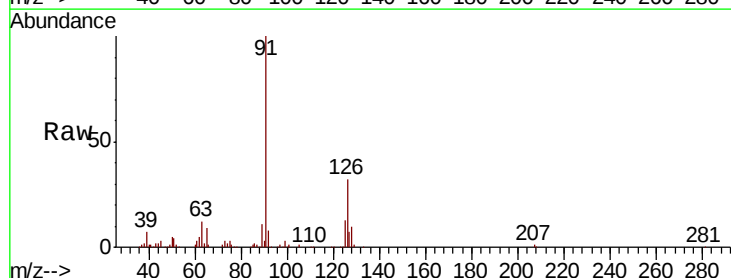
Acq: 19 Nov 2019 13:29

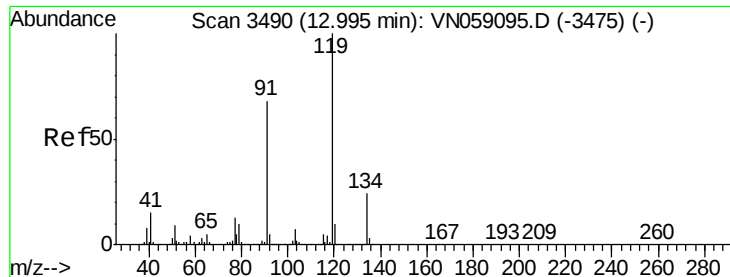
Tgt Ion: 91 Resp: 287845

Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.2





#83

tert-Butylbenzene

Concen: 23.339 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

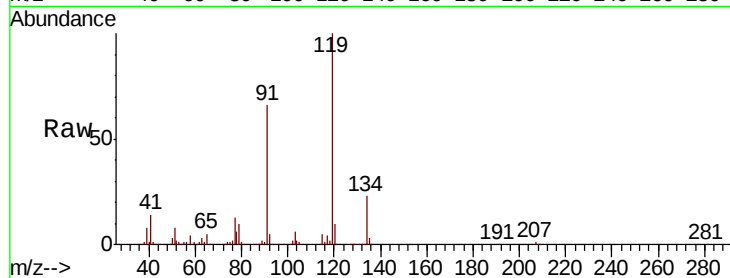
Tot Ion:119 Resp: 303871

Ion Ratio Lower Upper

119 100

91 65.7 33.2 99.6

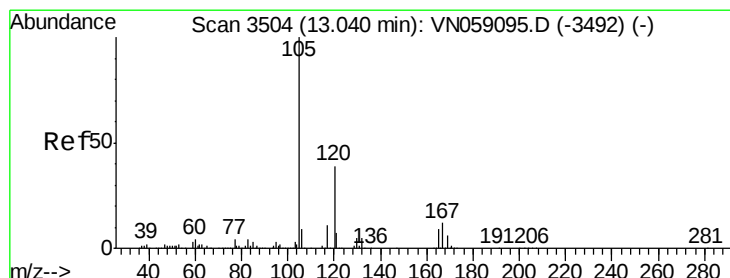
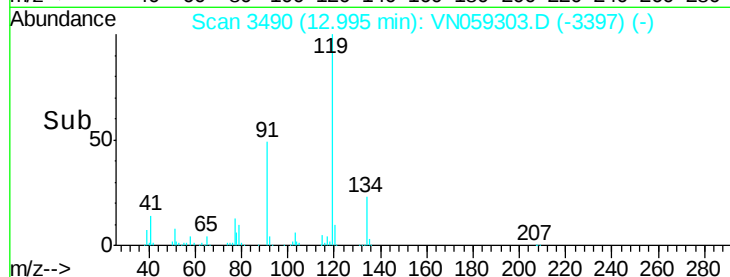
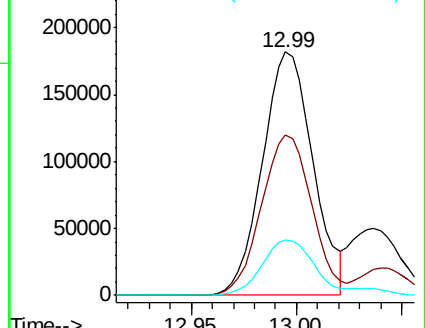
134 23.7 12.7 38.1



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: 23.903 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059303.D

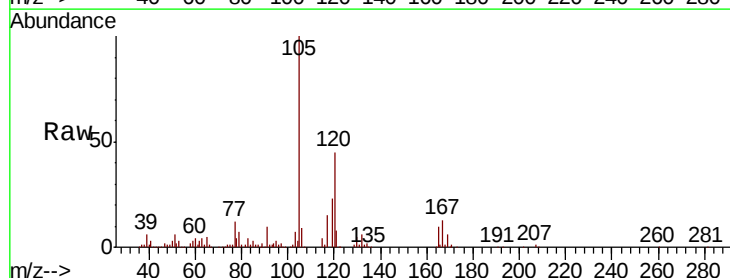
Acq: 19 Nov 2019 13:29

Tgt Ion:105 Resp: 348670

Ion Ratio Lower Upper

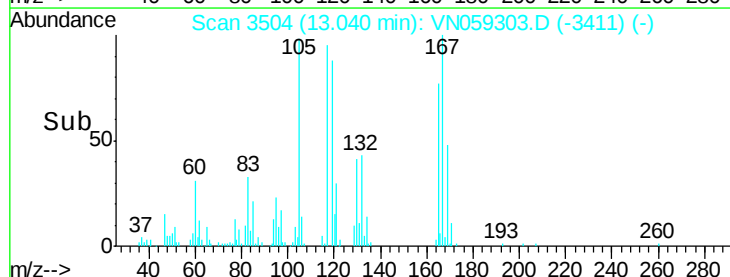
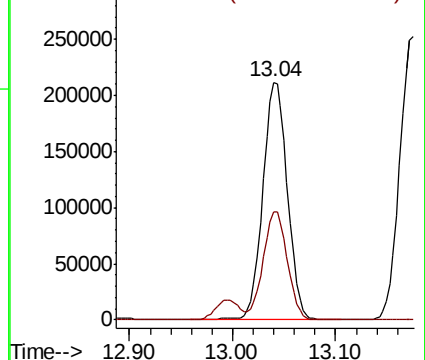
105 100

120 44.8 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: 23.767 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

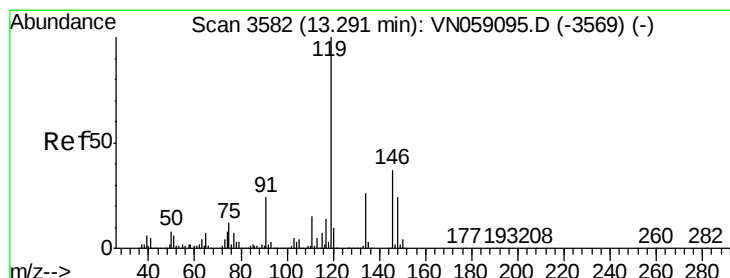
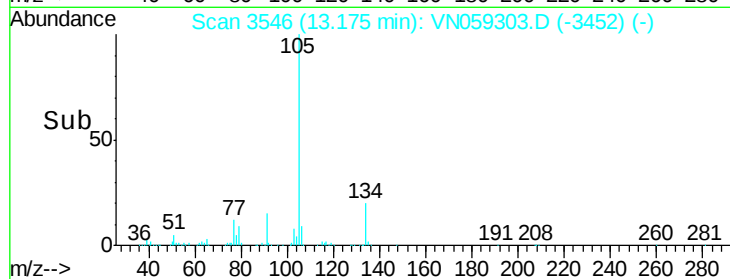
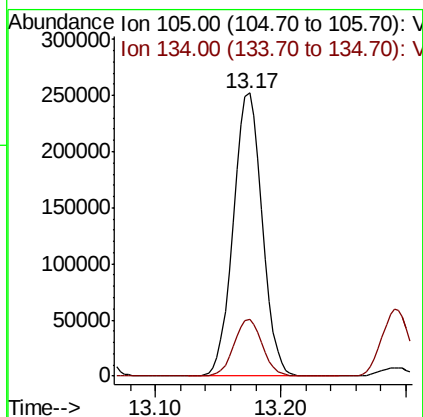
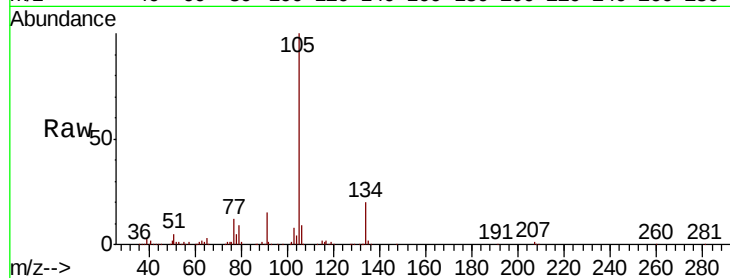
ClientSampled :

Tot Ion:105 Resp: 402456

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



#86

p-Isopropyltoluene

Concen: 24.083 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

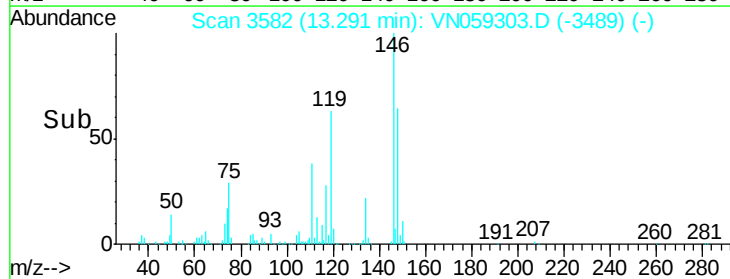
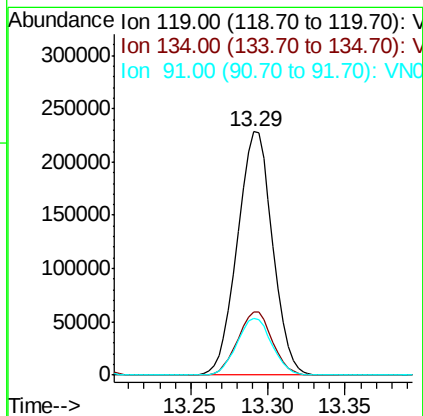
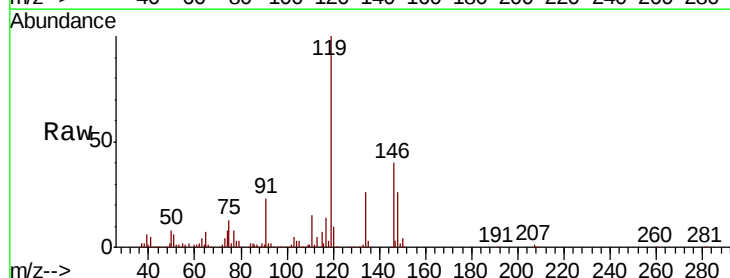
Tgt Ion:119 Resp: 360078

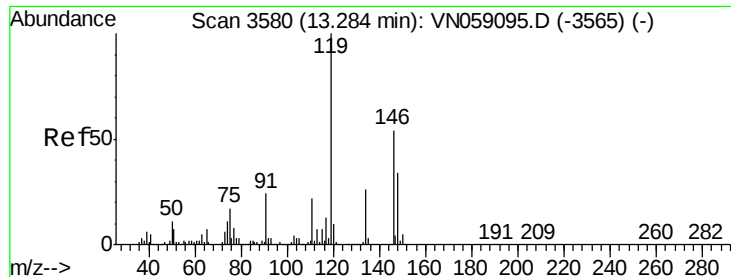
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.0 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 22.780 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

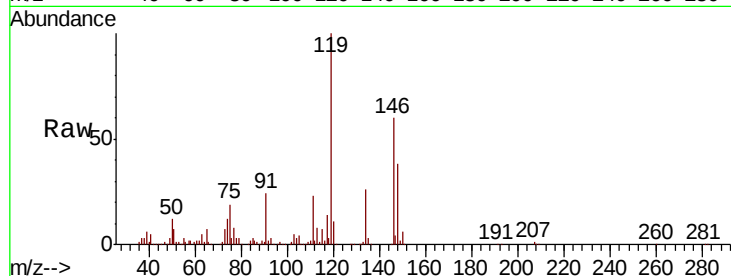
Tot Ion:146 Resp: 174380

Ion Ratio Lower Upper

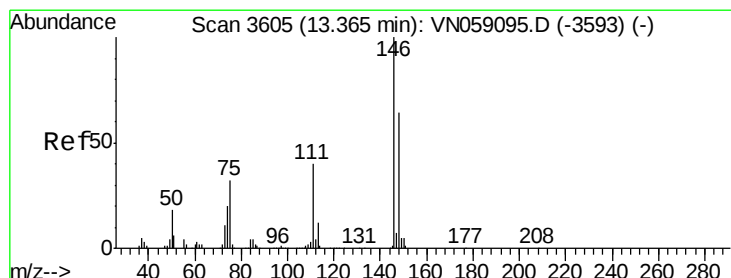
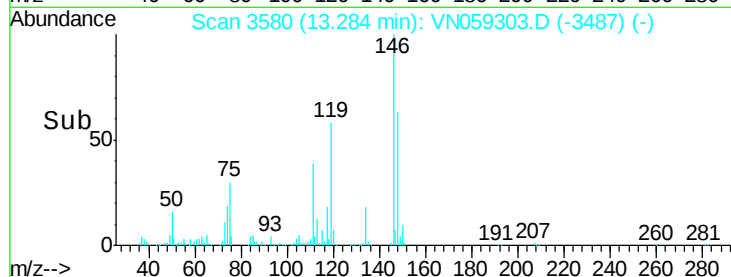
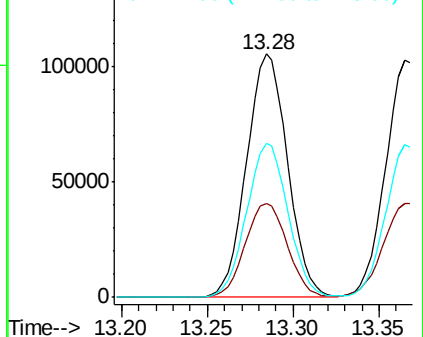
146 100

111 39.5 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: 22.212 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

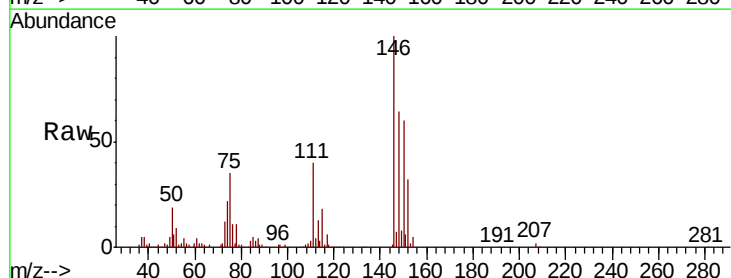
Tgt Ion:146 Resp: 170127

Ion Ratio Lower Upper

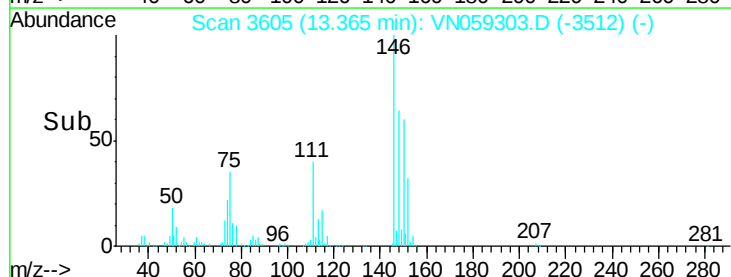
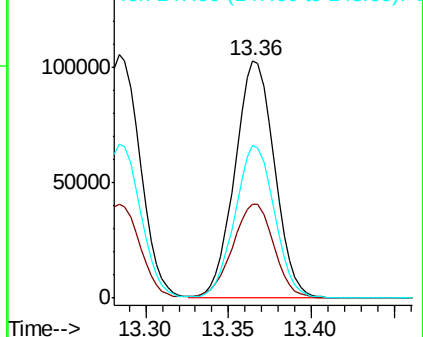
146 100

111 41.4 20.3 60.9

148 64.2 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: 22.979 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

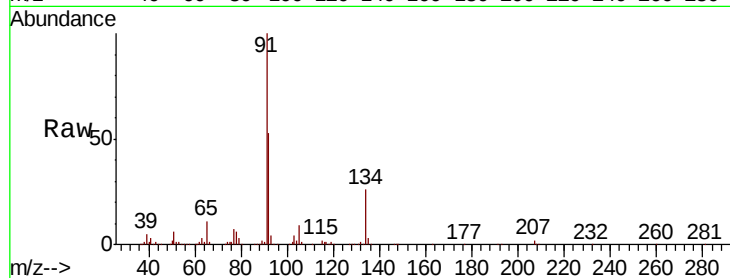
Tot Ion: 91 Resp: 300702

Ion Ratio Lower Upper

91 100

92 52.4 26.1 78.3

134 25.3 12.6 37.8

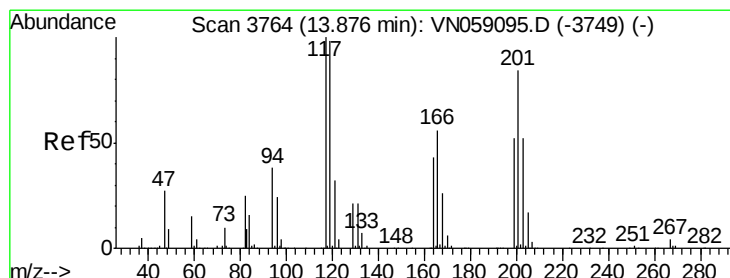
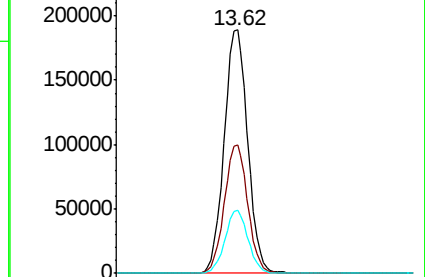
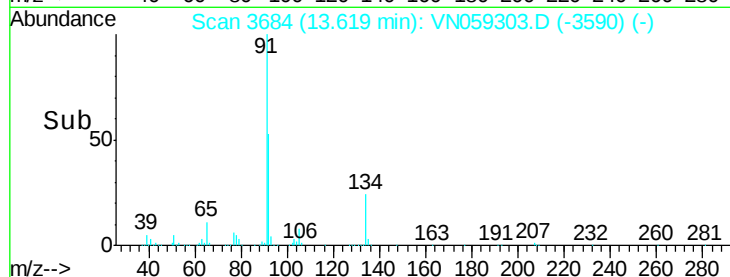


Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN059095.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN059095.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 21.664 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN059303.D

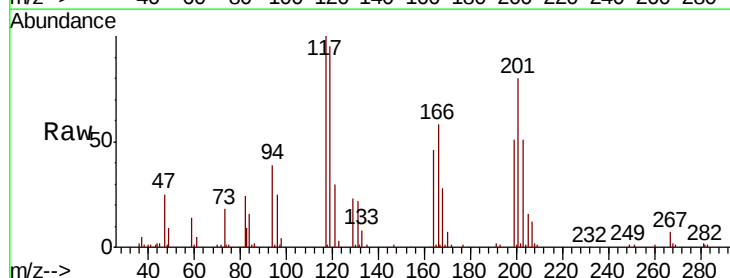
Acq: 19 Nov 2019 13:29

Tgt Ion: 117 Resp: 65040

Ion Ratio Lower Upper

117 100

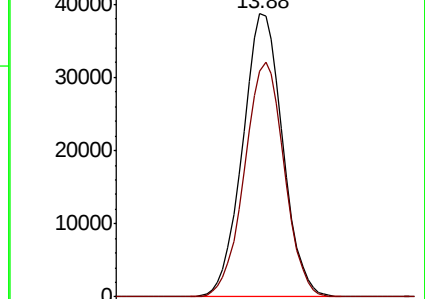
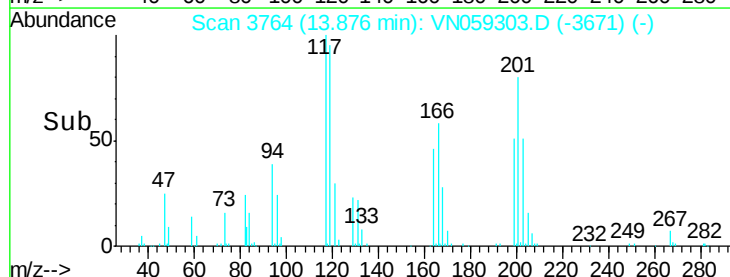
201 82.1 41.8 125.3

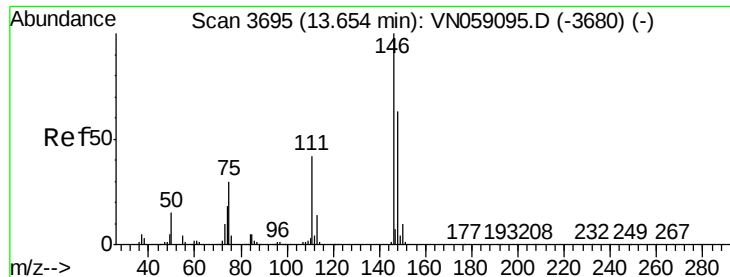


Abundance Ion 116.80 (116.50 to 117.50): VN059095.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN059095.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 22.588 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

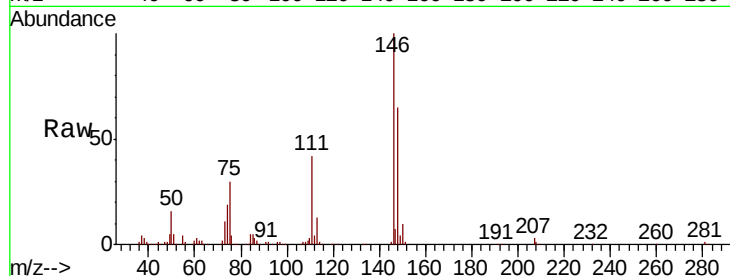
Tot Ion:146 Resp: 170095

Ion Ratio Lower Upper

146 100

111 42.5 21.2 63.6

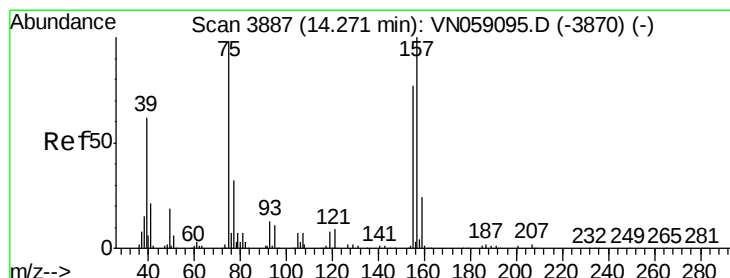
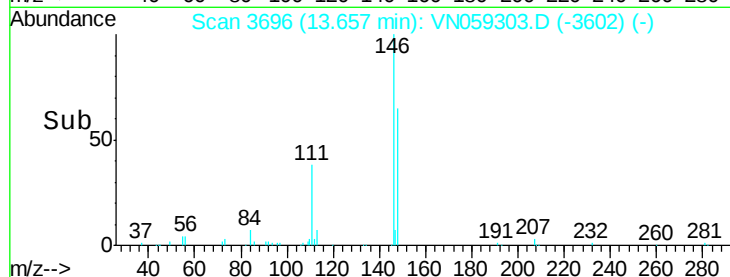
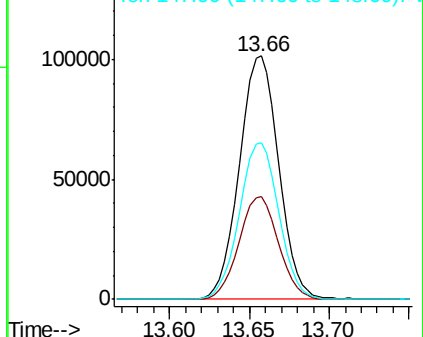
148 64.6 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.654 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN059303.D

Acq: 19 Nov 2019 13:29

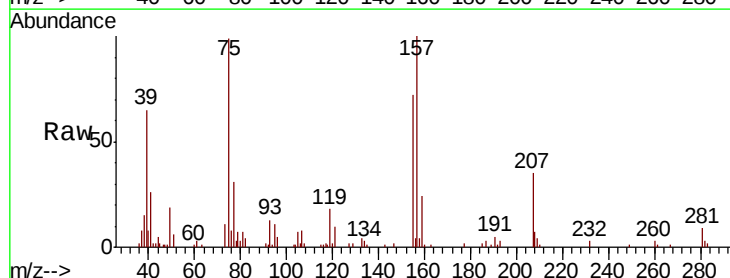
Tgt Ion: 75 Resp: 27369

Ion Ratio Lower Upper

75 100

155 77.0 40.2 120.6

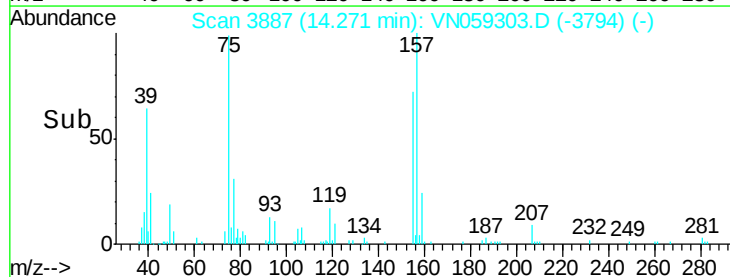
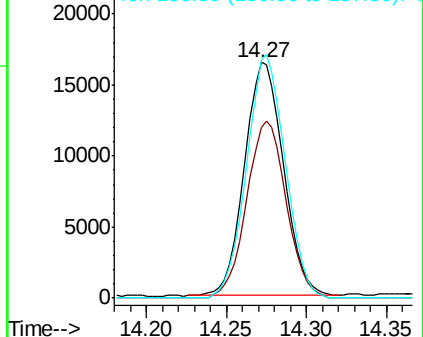
157 103.2 51.8 155.5

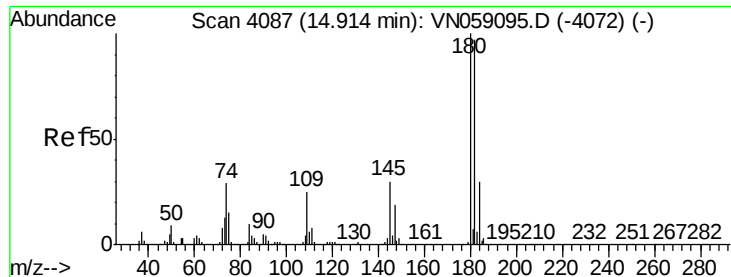


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

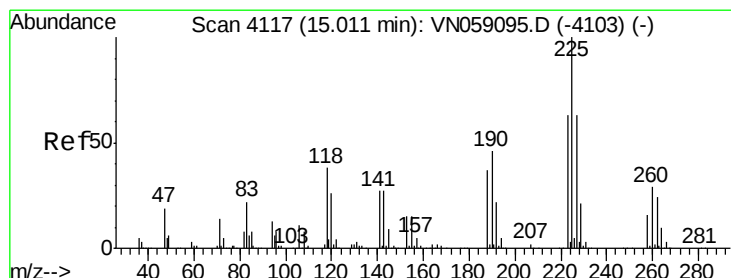
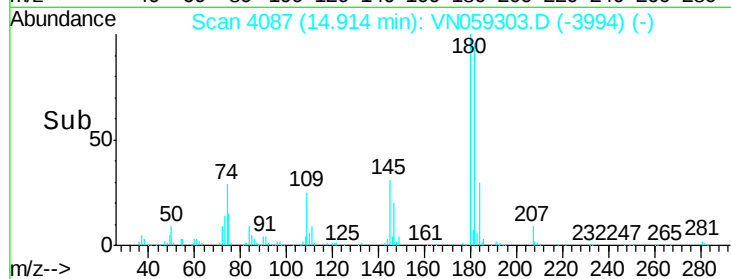
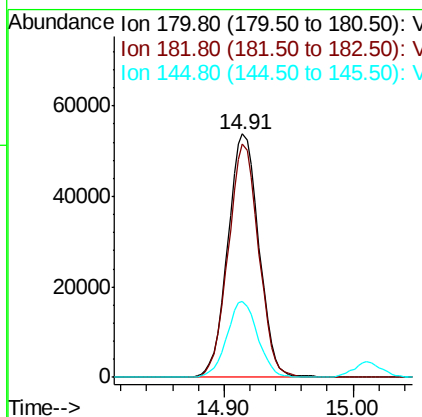
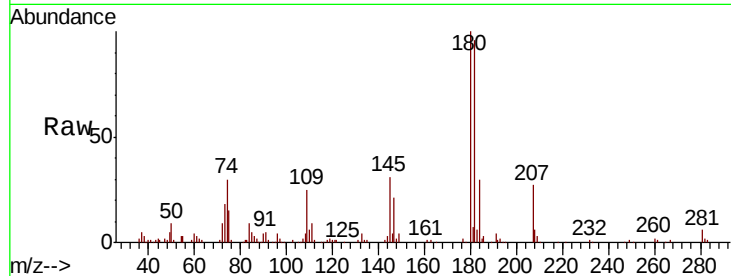




#93
 1,2,4-Trichlorobenzene
 Concen: 21.512 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

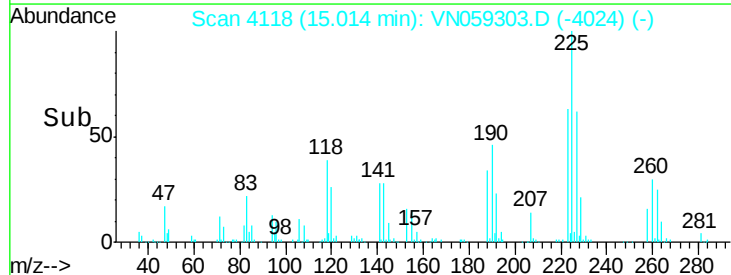
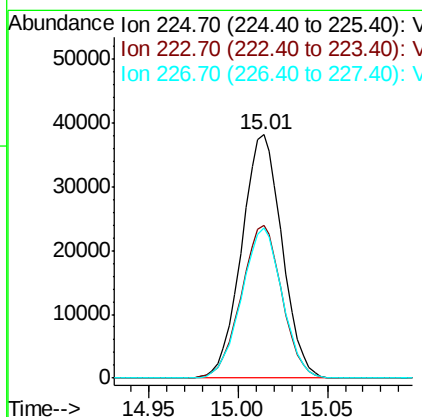
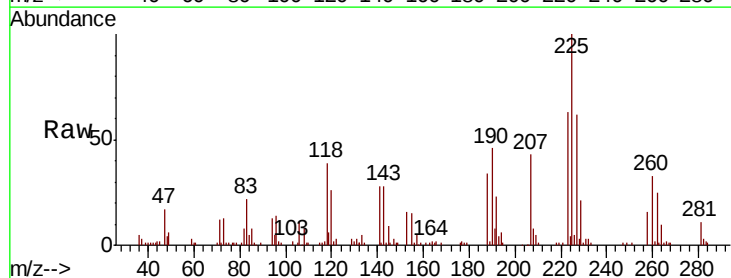
Instrument :
 MSVOA_N
 ClientSampleId :

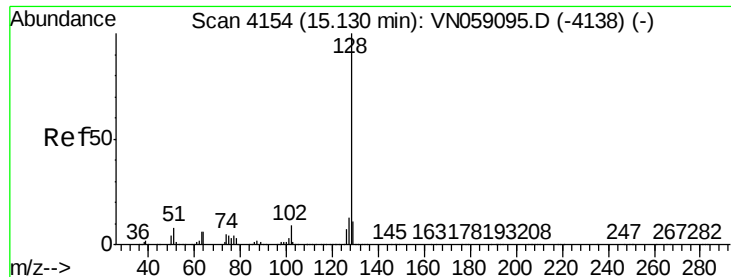
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.1	144.3
145	31.2	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 23.281 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059303.D
 Acq: 19 Nov 2019 13:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.9
227	62.1	31.5	94.5

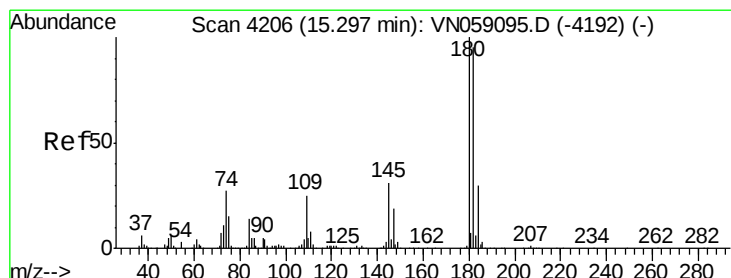
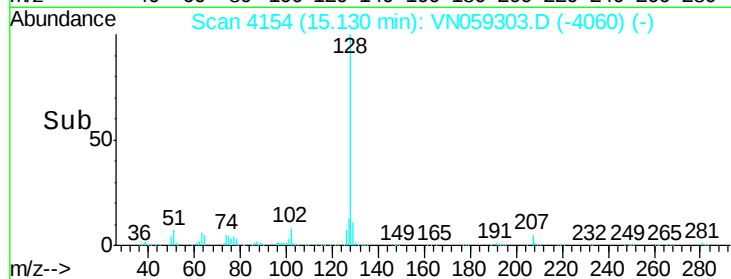
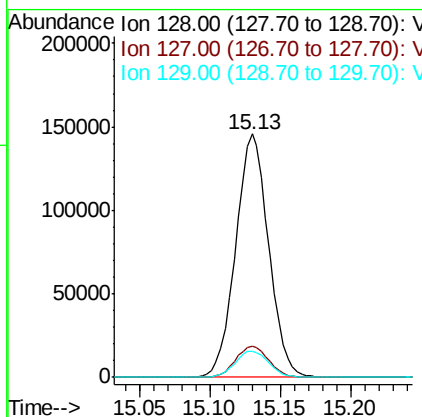
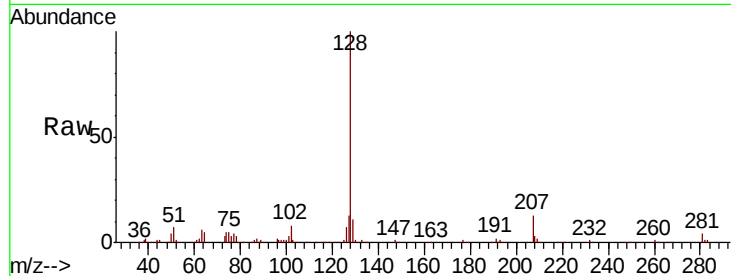




#95
Naphthalene
Concen: 20.713 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.2	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.966 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059303.D
Acq: 19 Nov 2019 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.3	141.8
145	33.8	15.8	47.3

