

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053793.D
 Acq On : 15 Feb 2019 12:10
 Operator : JC/SP
 Sample : VN0215WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 23:22:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	666537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1010600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	919367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	411389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	354971	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	7.59	113	340794	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	10.09	98	1336169	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	
62) 4-Bromofluorobenzene	12.40	95	413657	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	131772	17.755	ug/l	98
3) Chloromethane	2.06	50	144461	18.256	ug/l	98
4) Vinyl Chloride	2.19	62	152418	19.842	ug/l	100
5) Bromomethane	2.57	94	110665	22.033	ug/l	99
6) Chloroethane	2.71	64	97252	22.155	ug/l	98
7) Trichlorofluoromethane	3.02	101	217936	20.922	ug/l	97
8) Diethyl Ether	3.41	74	80033	21.038	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	136327	21.161	ug/l	98
10) Methyl Iodide	3.96	142	185991	18.394	ug/l	100
11) Tert butyl alcohol	4.78	59	43848	110.802	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	125901	20.398	ug/l	98
13) Acrolein	3.61	56	20307	94.250	ug/l	98
14) Allyl chloride	4.33	41	188481	19.179	ug/l	98
15) Acrylonitrile	4.99	53	233023	109.075	ug/l	99
16) Acetone	3.82	43	205292	119.694	ug/l	99
17) Carbon Disulfide	4.06	76	320787	16.691	ug/l	100
18) Methyl Acetate	4.33	43	119177	23.463	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	332503	21.250	ug/l	100
20) Methylene Chloride	4.55	84	138283	19.217	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	125108	18.788	ug/l	99
22) Diisopropyl ether	5.95	45	378434	20.782	ug/l	98
23) Vinyl Acetate	5.90	43	1255880	99.695	ug/l	100
24) 1,1-Dichloroethane	5.85	63	241579	19.890	ug/l	99
25) 2-Butanone	6.84	43	260487	106.488	ug/l	97
26) 2,2-Dichloropropane	6.83	77	184817	19.934	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	147145	19.872	ug/l	98
28) Bromochloromethane	7.20	49	107319	20.361	ug/l	96
29) Tetrahydrofuran	7.21	42	168869	107.508	ug/l	98
30) Chloroform	7.37	83	244519	20.309	ug/l	100
31) Cyclohexane	7.66	56	207887	18.276	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	200315	19.992	ug/l	99
36) 1,1-Dichloropropene	7.79	75	177171	19.448	ug/l	98
37) Ethyl Acetate	6.93	43	113967	22.399	ug/l	100
38) Carbon Tetrachloride	7.78	117	179372	19.545	ug/l	99

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 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	199297	18.440	ug/l	97
40) Benzene	8.04	78	550175	19.584	ug/l	100
41) Methacrylonitrile	7.21	41	161398	56.758	ug/l #	20
42) 1,2-Dichloroethane	8.12	62	166399	19.949	ug/l	97
43) Isopropyl Acetate	8.16	43	192402	19.581	ug/l #	89
44) Trichloroethene	8.84	130	155011	19.382	ug/l	97
45) 1,2-Dichloropropane	9.12	63	148873	20.719	ug/l	98
46) Dibromomethane	9.21	93	87911	20.296	ug/l	99
47) Bromodichloromethane	9.40	83	188259	20.904	ug/l	99
48) Methyl methacrylate	9.20	41	96985	20.678	ug/l	98
49) 1,4-Dioxane	9.20	88	27418	426.753	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	577548	119.613	ug/l	98
52) Toluene	10.16	92	361967	21.710	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	190108	21.081	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	217457	20.349	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	137524	22.890	ug/l	99
56) Ethyl methacrylate	10.43	69	159252	22.407	ug/l	96
57) 1,3-Dichloropropane	10.71	76	223609	21.777	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	345512	83.884	ug/l	99
59) 2-Hexanone	10.75	43	360521	109.985	ug/l	99
60) Dibromochloromethane	10.90	129	150260	22.179	ug/l	100
61) 1,2-Dibromoethane	11.01	107	125275	21.067	ug/l	97
64) Tetrachloroethene	10.63	164	159400	20.226	ug/l	99
65) Chlorobenzene	11.43	112	382618	19.593	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	142882	20.950	ug/l	98
67) Ethyl Benzene	11.51	91	617892	19.262	ug/l	99
68) m/p-Xylenes	11.62	106	489467	39.978	ug/l	99
69) o-Xylene	11.95	106	229850	19.432	ug/l	100
70) Styrene	11.96	104	370658	19.334	ug/l	100
71) Bromoform	12.13	173	97317	20.813	ug/l #	99
73) Isopropylbenzene	12.25	105	612755	21.188	ug/l	99
74) N-amyl acetate	12.07	43	144633	20.798	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	150010	21.674	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	178287	33.741	ug/l #	100
77) Bromobenzene	12.53	156	160423	20.582	ug/l	98
78) n-propylbenzene	12.59	91	693376	20.740	ug/l	100
79) 2-Chlorotoluene	12.67	91	415187	20.933	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	514215	21.442	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	37349	19.875	ug/l	99
82) 4-Chlorotoluene	12.77	91	411188	20.203	ug/l	99
83) tert-Butylbenzene	12.99	119	459905	21.698	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	526237	21.538	ug/l	100
85) sec-Butylbenzene	13.17	105	624888	21.665	ug/l	100
86) p-Isopropyltoluene	13.29	119	536925	21.285	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	281650	20.102	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	273756	19.752	ug/l	99
89) n-Butylbenzene	13.61	91	435638	19.952	ug/l	99
90) Hexachloroethane	13.87	117	93604	22.496	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	278322	20.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21807	22.107	ug/l	99

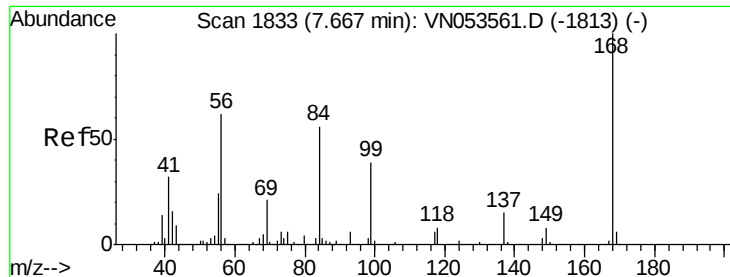
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	143605	18.667	ug/l	98
94) Hexachlorobutadiene	15.01	225	105543	22.030	ug/l	99
95) Naphthalene	15.13	128	283483	16.878	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	142681	19.988	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

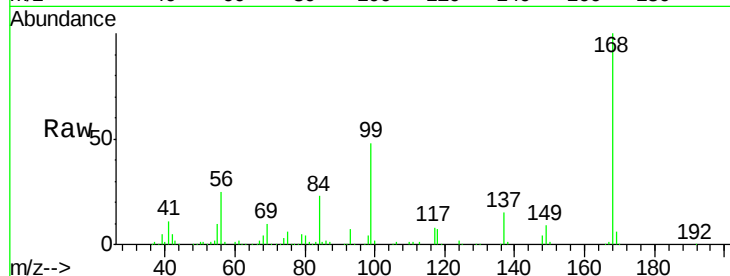
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 666537

Ion Ratio Lower Upper

168 100

99 47.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

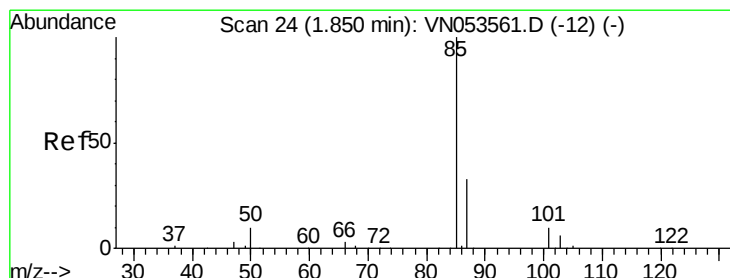
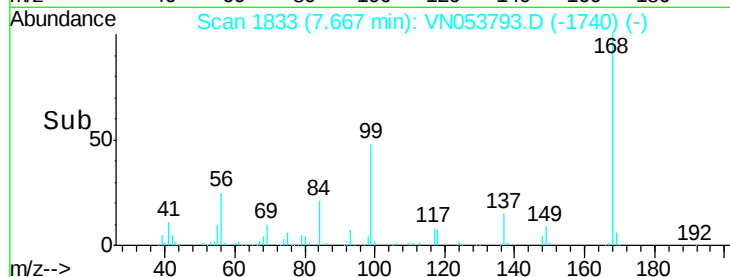
100000

50000

0

Time-->

7.60 7.80 8.00



#2

Dichlorodifluoromethane

Concen: 17.755 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053793.D

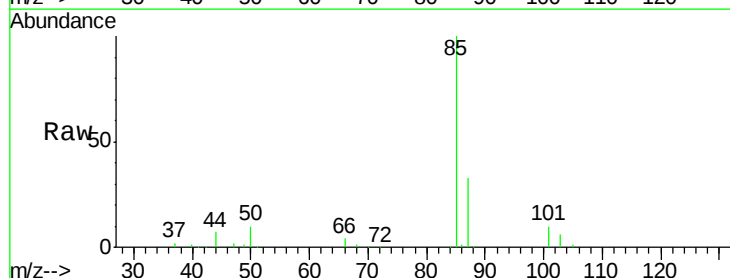
Acq: 15 Feb 2019 12:10

Tgt Ion: 85 Resp: 131772

Ion Ratio Lower Upper

85 100

87 33.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

60000

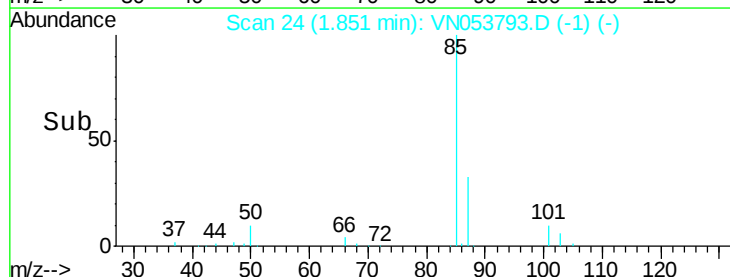
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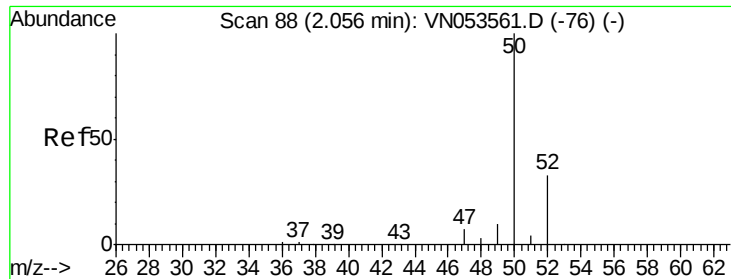
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Time-->

1.75 1.80 1.85 1.90 1.95

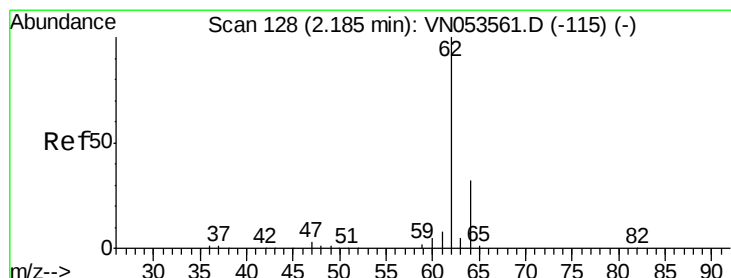
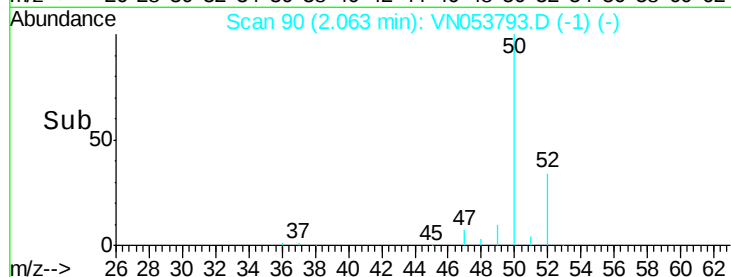
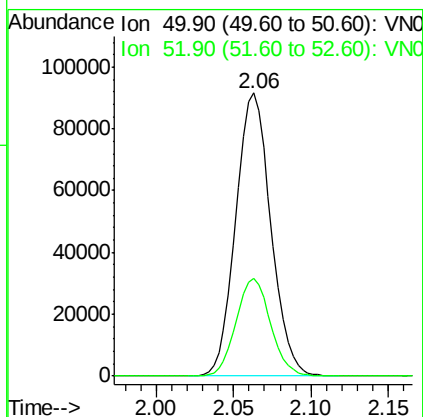
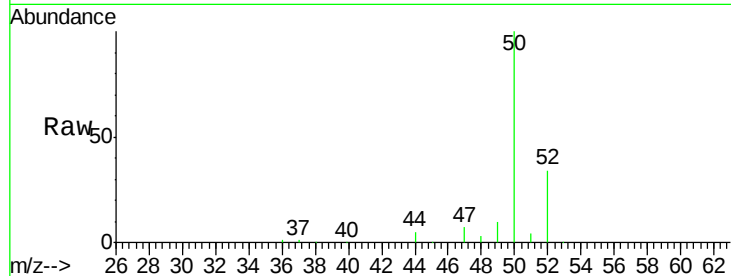




#3
Chloromethane
Concen: 18.256 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.01 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

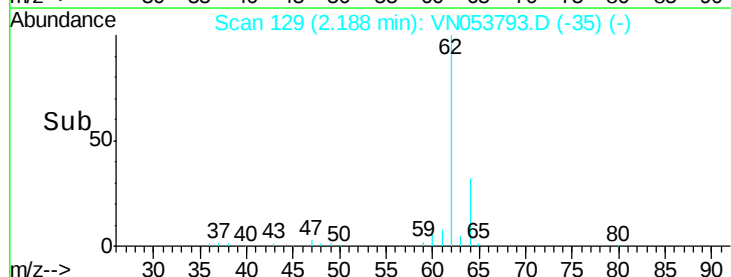
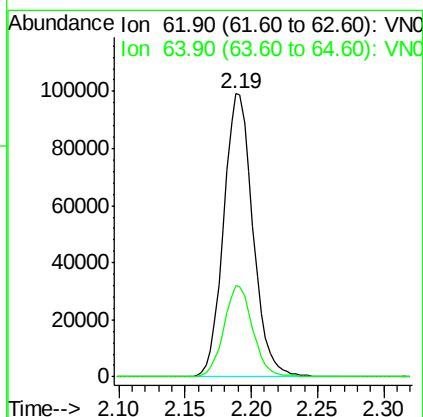
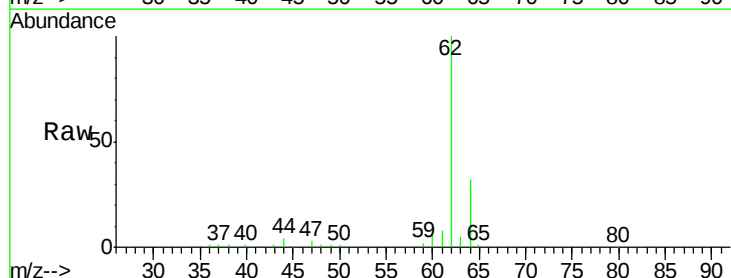
Instrument :
MSVOA_N
ClientSampled :

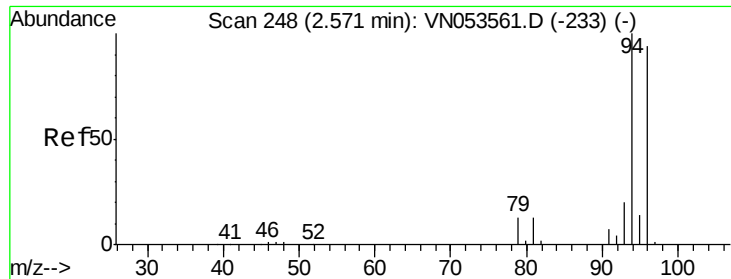
Tot Ion: 50 Resp: 144461
Ion Ratio Lower Upper
50 100
52 34.5 26.6 40.0



#4
Vinyl Chloride
Concen: 19.842 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 62 Resp: 152418
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.2





#5

Bromomethane

Concen: 22.033 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

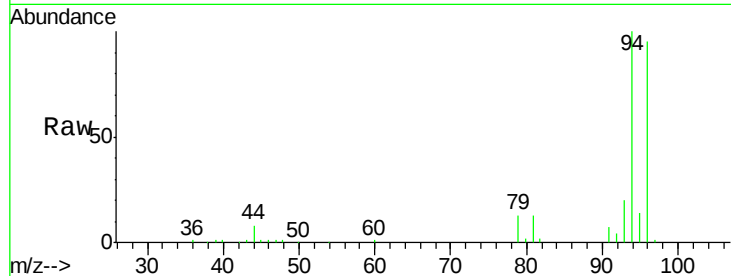
ClientSampleId :

Tot Ion: 94 Resp: 110665

Ion Ratio Lower Upper

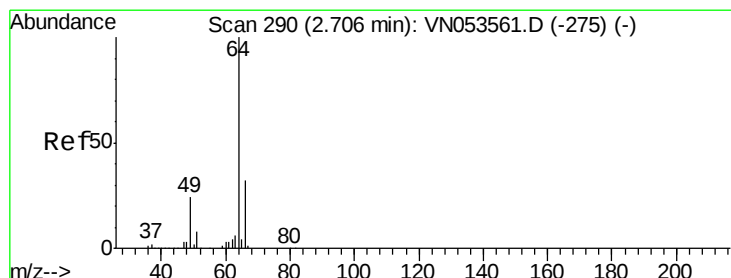
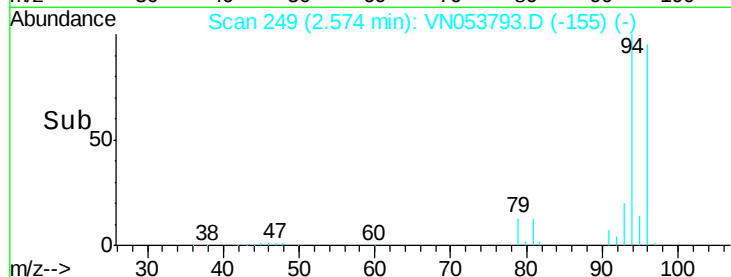
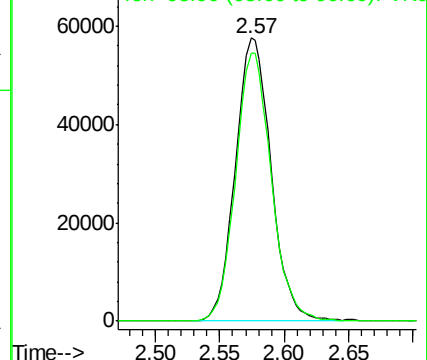
94 100

96 94.6 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 22.155 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053793.D

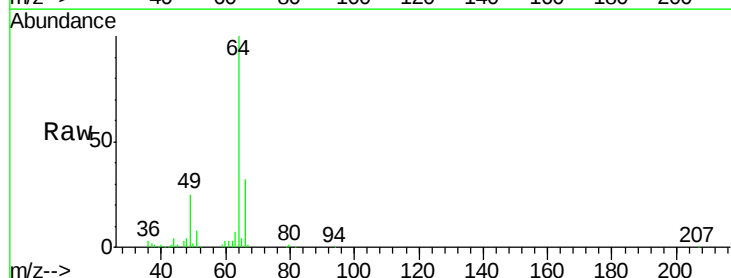
Acq: 15 Feb 2019 12:10

Tgt Ion: 64 Resp: 97252

Ion Ratio Lower Upper

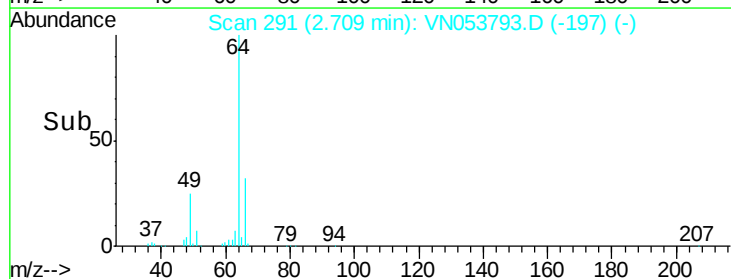
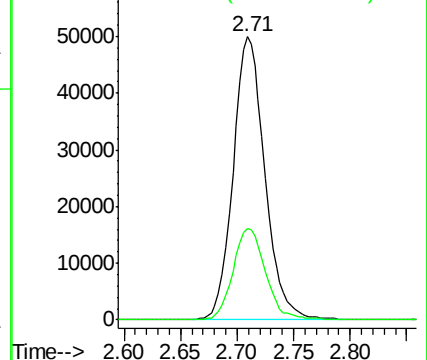
64 100

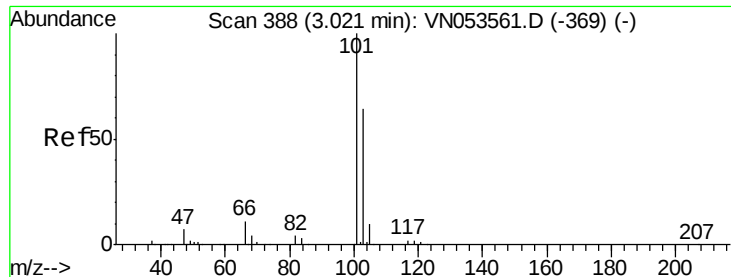
66 32.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



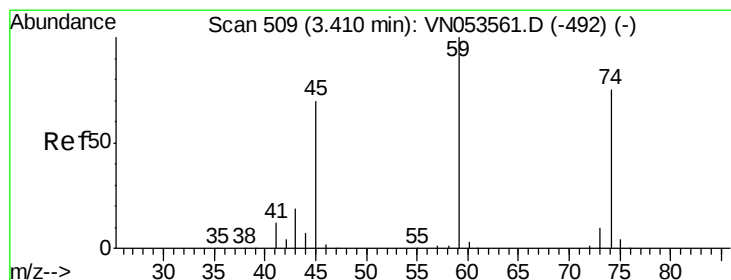
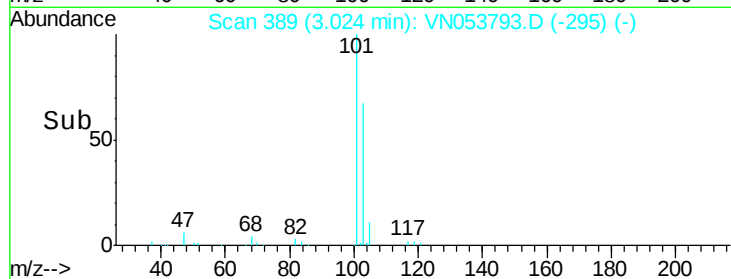
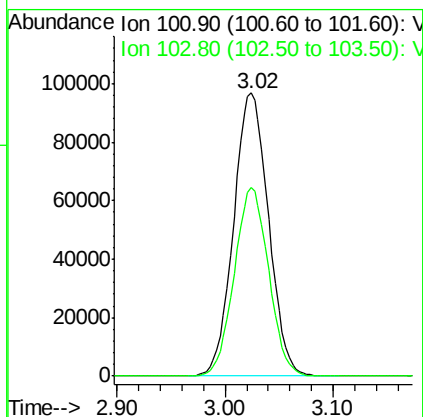
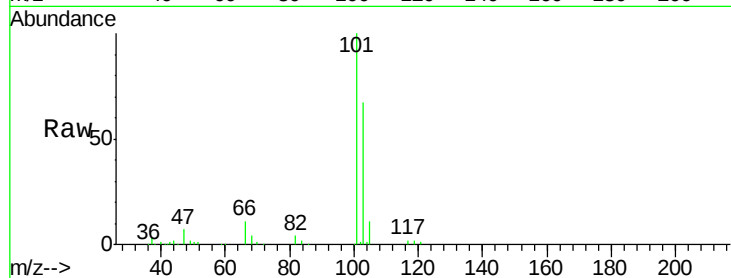


#7

Trichlorofluoromethane
 Concen: 20.922 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampled :

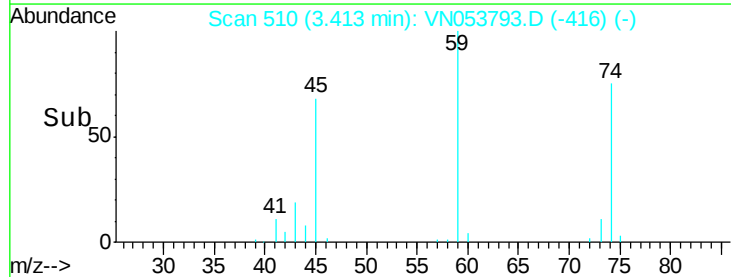
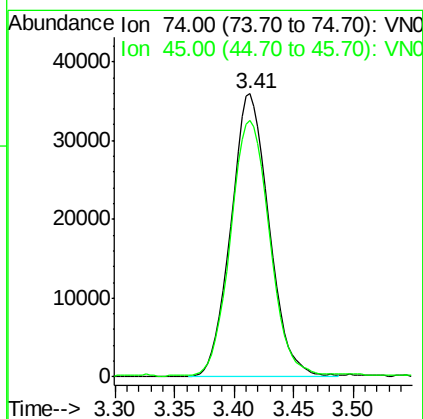
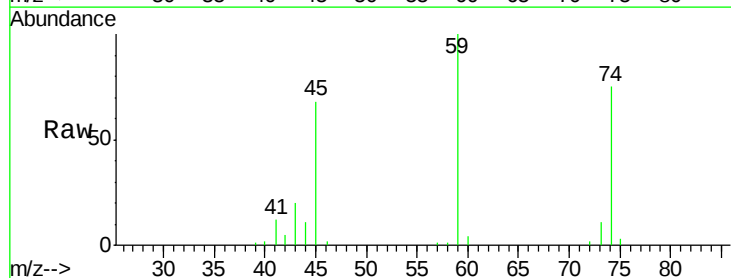
Tot Ion:101 Resp: 217936
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.6 77.4

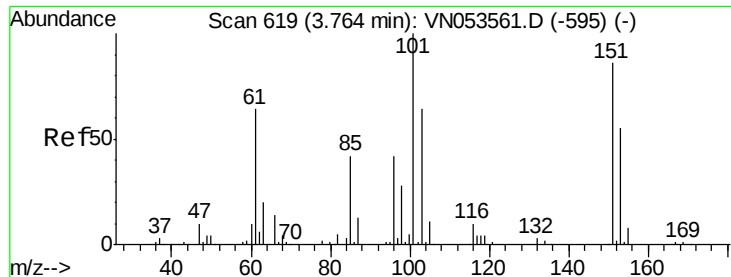


#8

Diethyl Ether
 Concen: 21.038 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Tgt Ion: 74 Resp: 80033
 Ion Ratio Lower Upper
 74 100
 45 93.4 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.161 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampled :

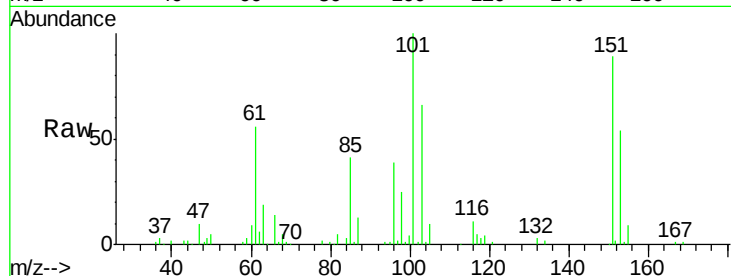
Tot Ion:101 Resp: 136327

Ion Ratio Lower Upper

101 100

85 41.0 32.8 49.2

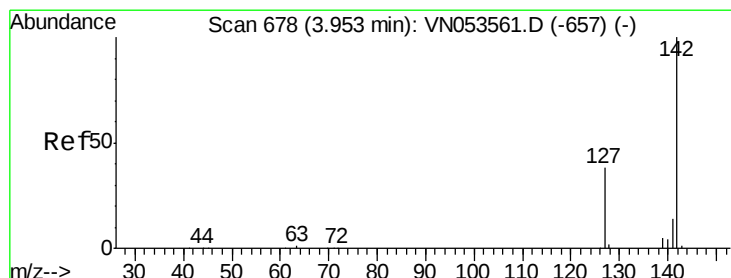
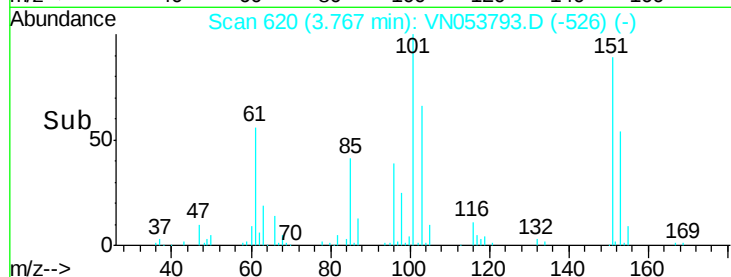
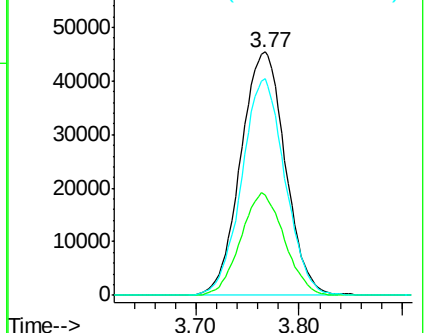
151 86.3 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.394 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

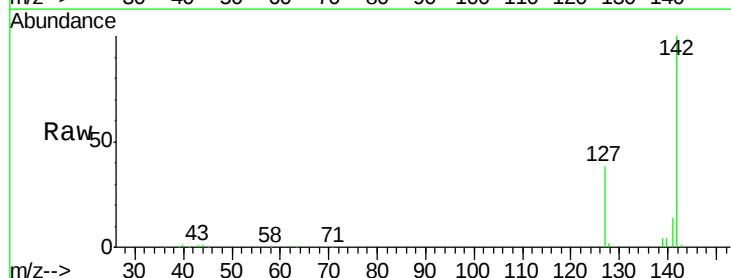
Tgt Ion:142 Resp: 185991

Ion Ratio Lower Upper

142 100

127 38.9 31.0 46.4

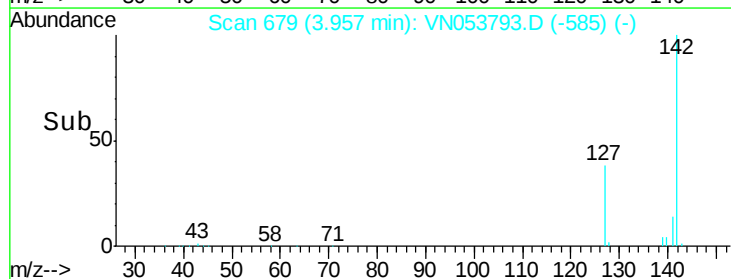
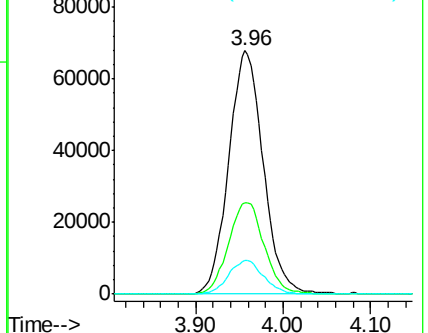
141 14.0 11.1 16.7

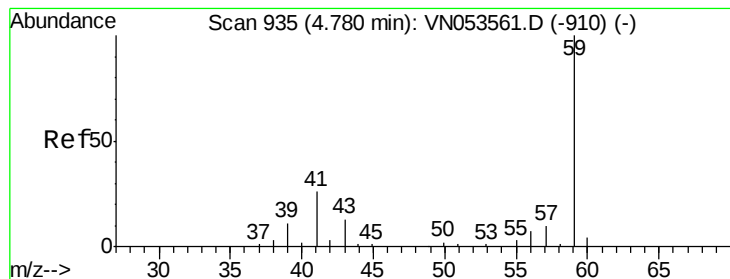


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



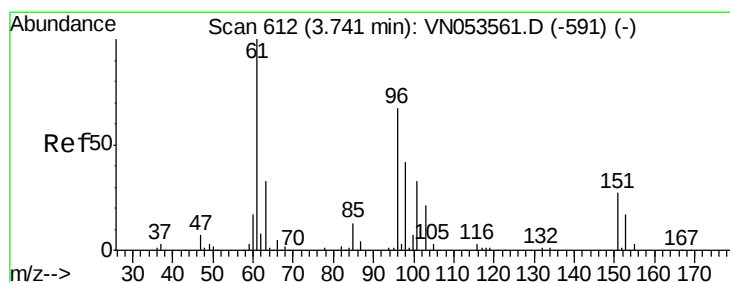
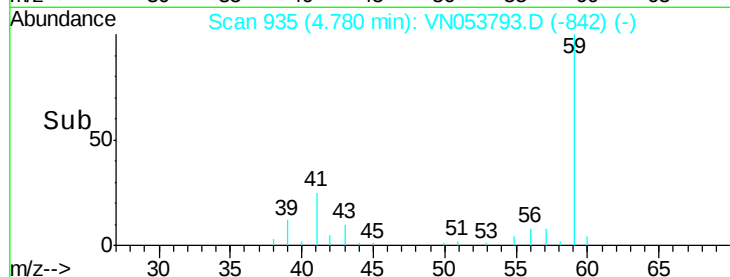
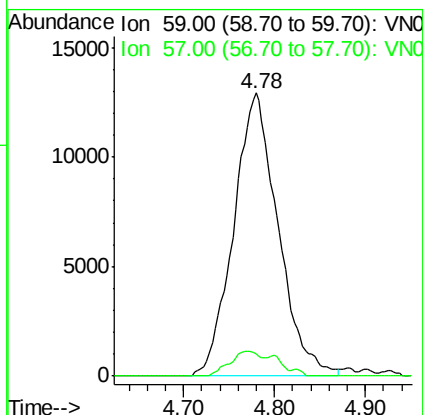
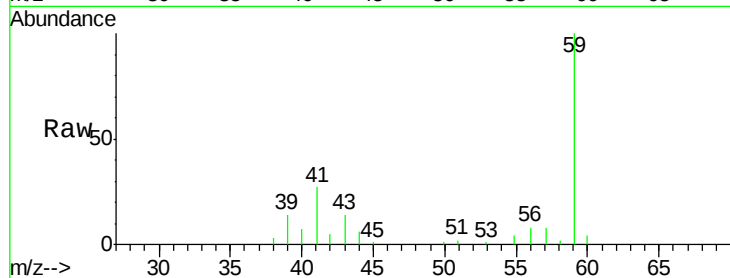


#11

Tert butyl alcohol
 Concen: 110.802 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampled :

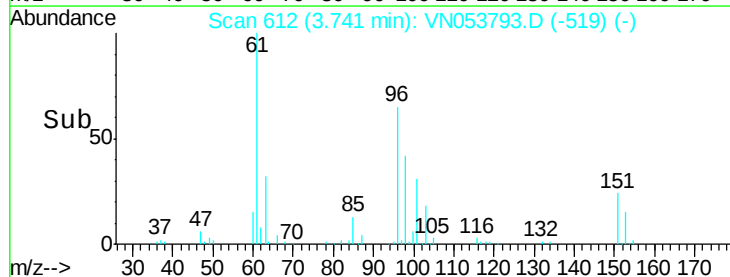
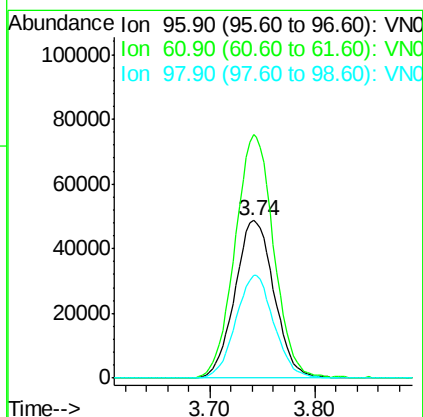
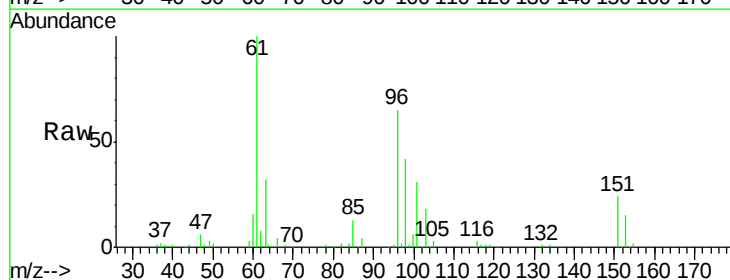
Tot Ion: 59 Resp: 43848
 Ion Ratio Lower Upper
 59 100
 57 6.3 8.2 12.4#

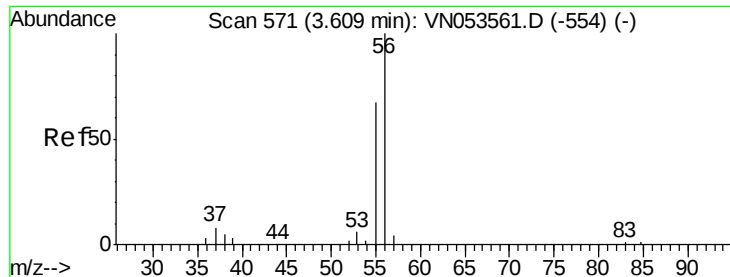


#12

1,1-Dichloroethene
 Concen: 20.398 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Tgt Ion: 96 Resp: 125901
 Ion Ratio Lower Upper
 96 100
 61 154.3 122.9 184.3
 98 65.0 49.4 74.0





#13

Acrolein

Concen: 94.250 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

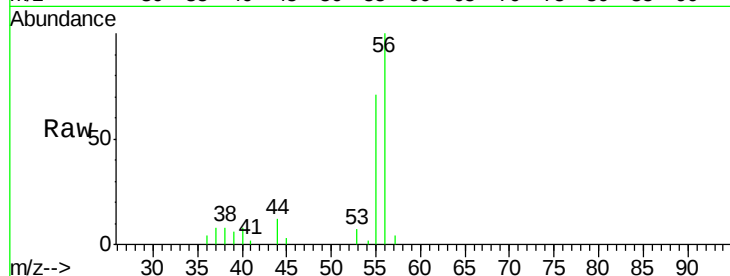
ClientSampleId :

Tot Ion: 56 Resp: 20307

Ion Ratio Lower Upper

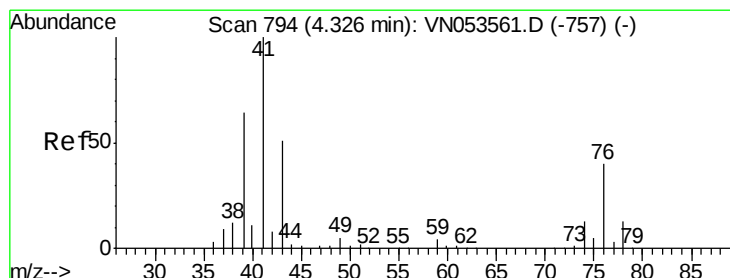
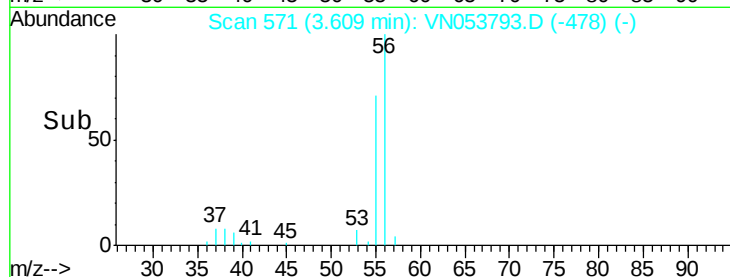
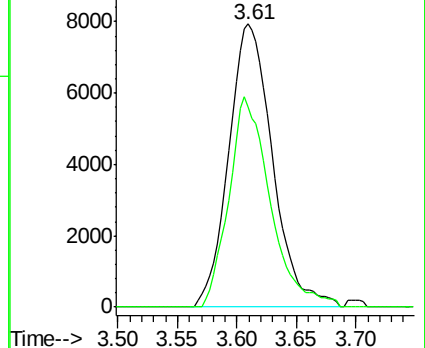
56 100

55 70.0 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.179 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

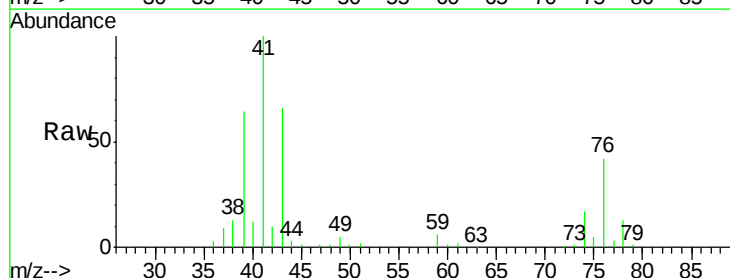
Tgt Ion: 41 Resp: 188481

Ion Ratio Lower Upper

41 100

39 61.8 48.9 73.3

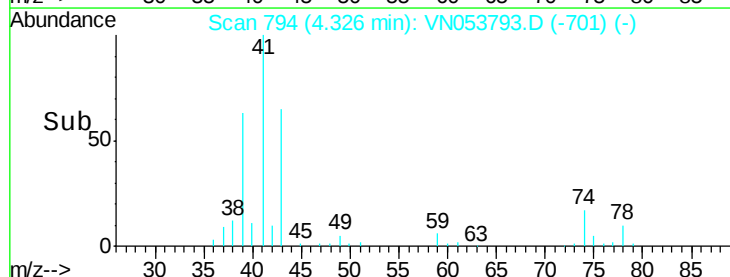
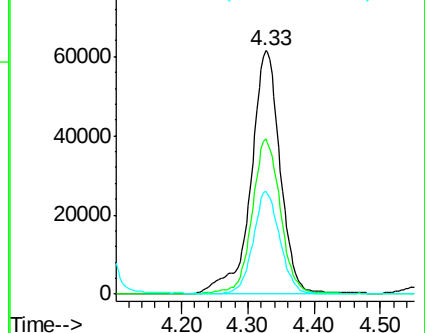
76 38.4 29.4 44.2

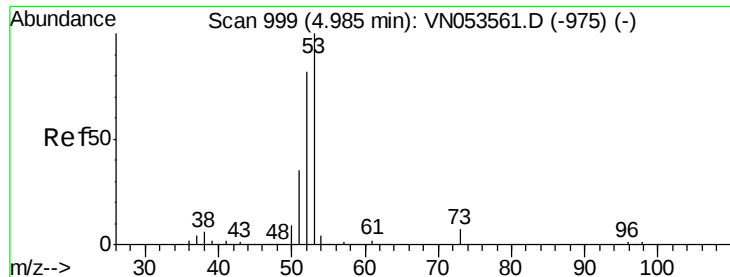


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 109.075 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

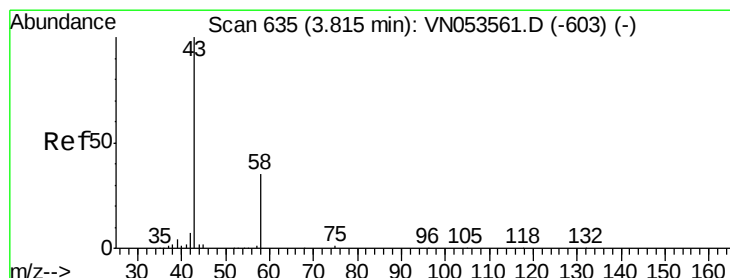
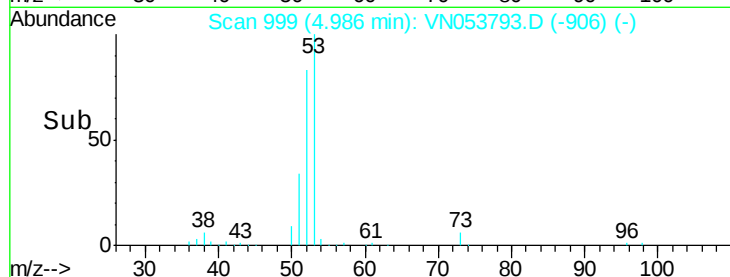
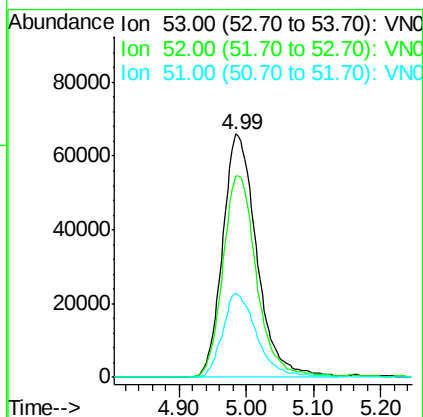
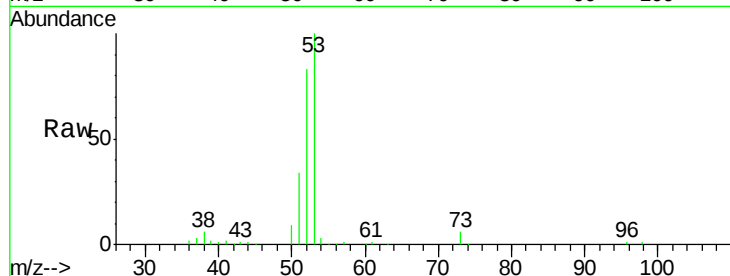
Tot Ion: 53 Resp: 233023

Ion Ratio Lower Upper

53 100

52 81.8 66.0 99.0

51 34.8 28.3 42.5



#16

Acetone

Concen: 119.694 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053793.D

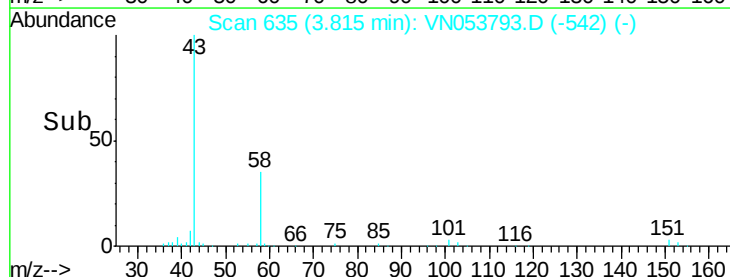
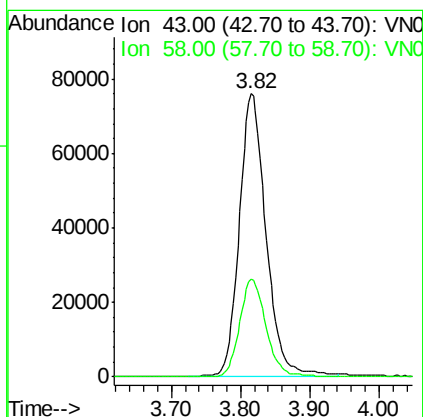
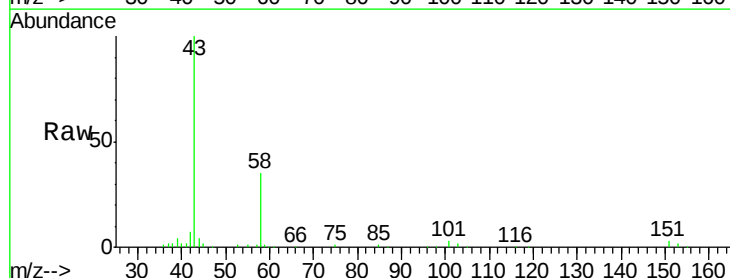
Acq: 15 Feb 2019 12:10

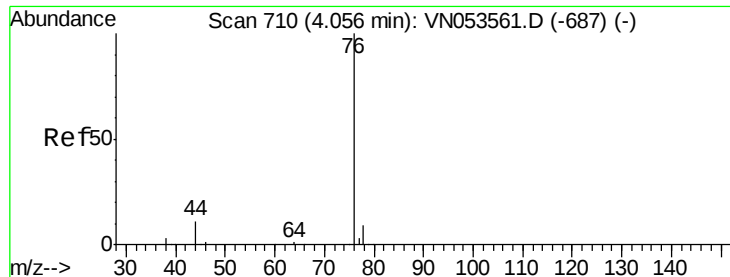
Tgt Ion: 43 Resp: 205292

Ion Ratio Lower Upper

43 100

58 34.7 27.1 40.7

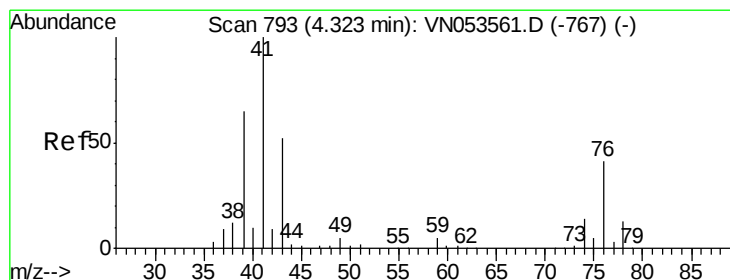
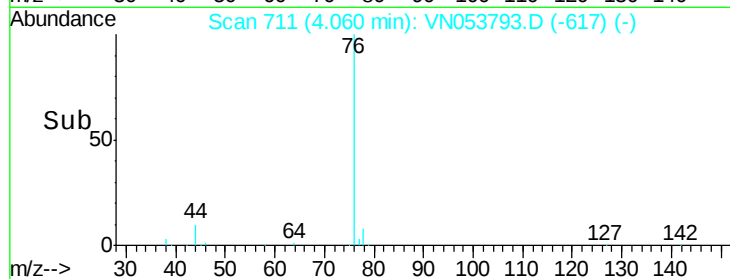
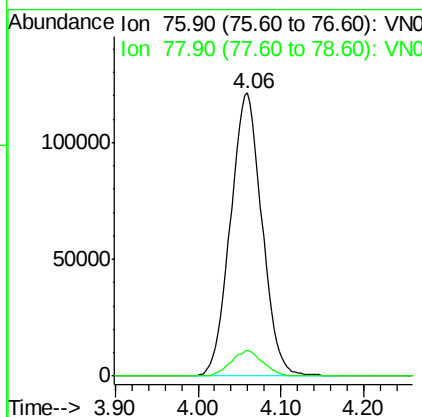
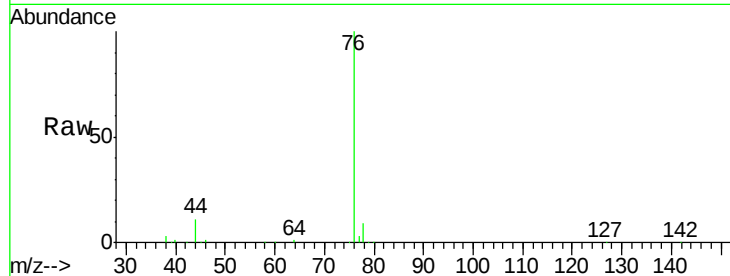




#17
Carbon Disulfide
Concen: 16.691 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

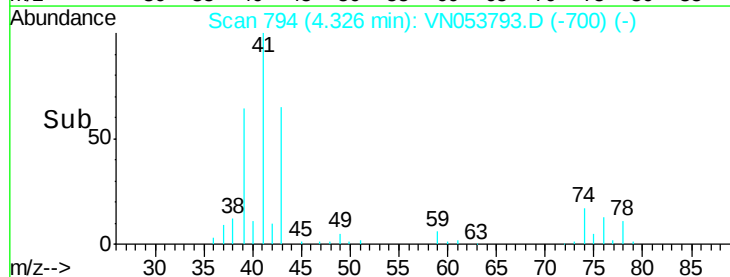
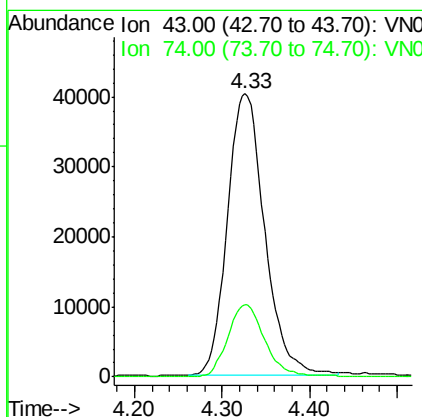
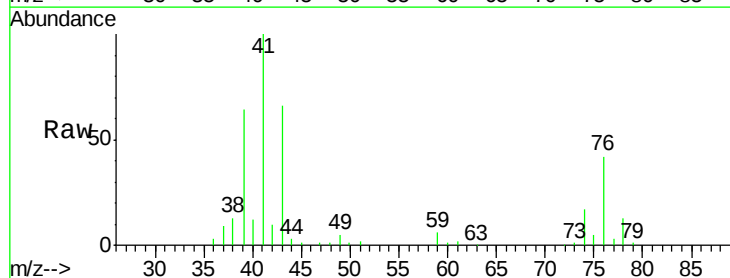
Instrument :
MSVOA_N
ClientSampled :

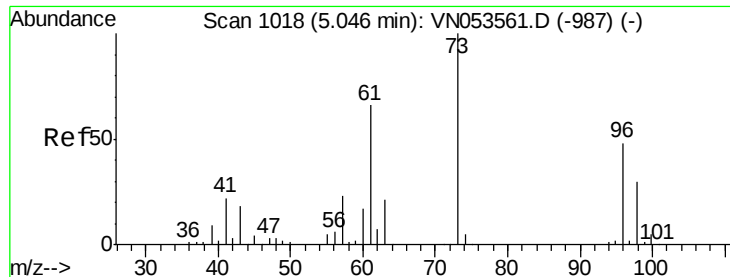
Tot Ion: 76 Resp: 320787
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 23.463 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 43 Resp: 119177
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.2



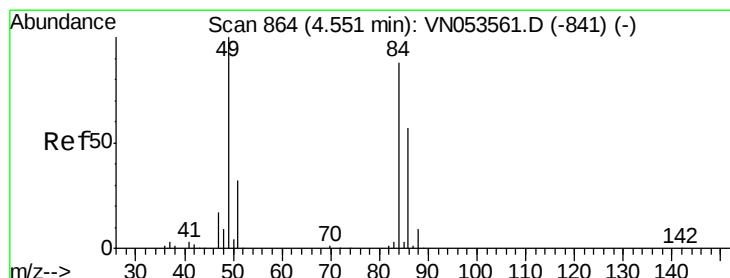
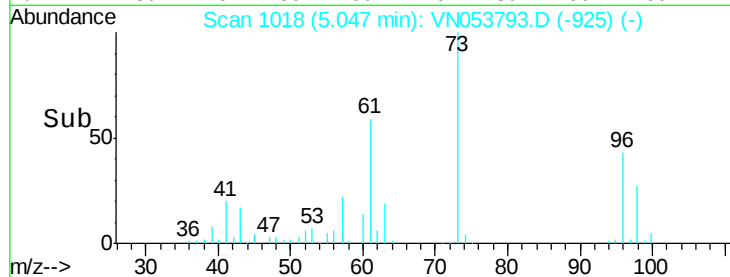
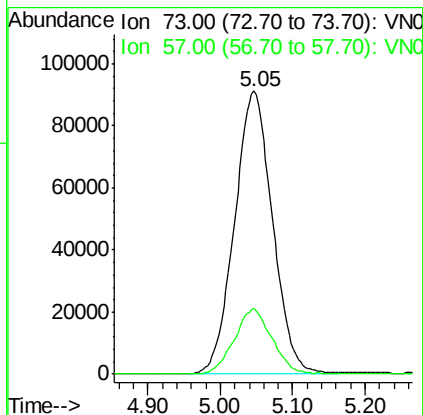
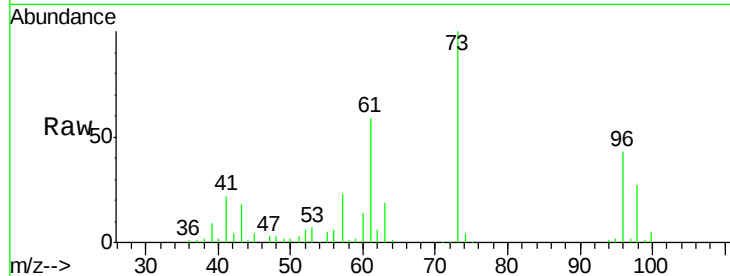


#19

Methyl tert-butyl Ether
 Concen: 21.250 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampled :

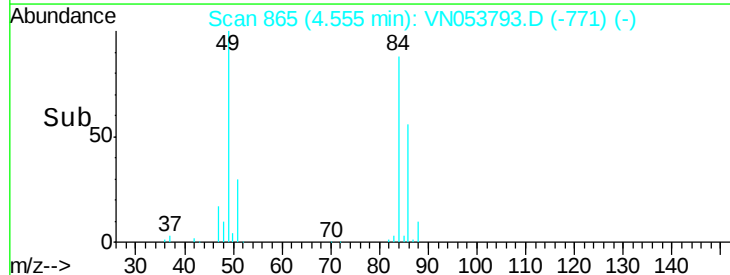
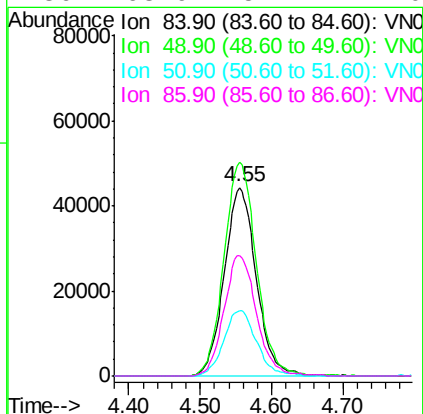
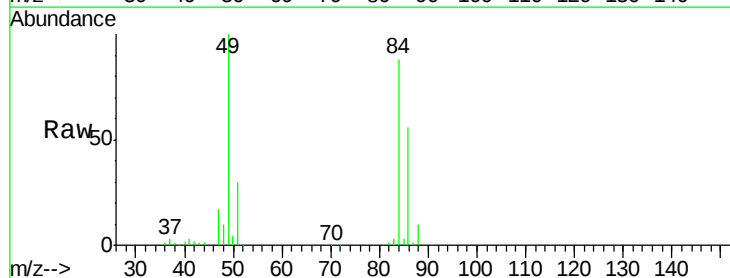
Tot Ion: 73 Resp: 332503
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.3 27.5

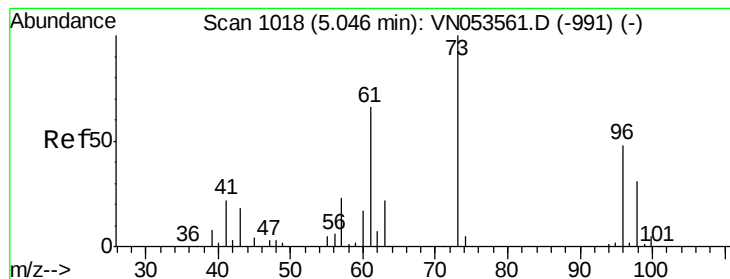


#20

Methylene Chloride
 Concen: 19.217 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Tgt Ion: 84 Resp: 138283
 Ion Ratio Lower Upper
 84 100
 49 113.5 94.3 141.5
 51 34.6 29.4 44.2
 86 63.9 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.788 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :
MSVOA_N
ClientSampled :

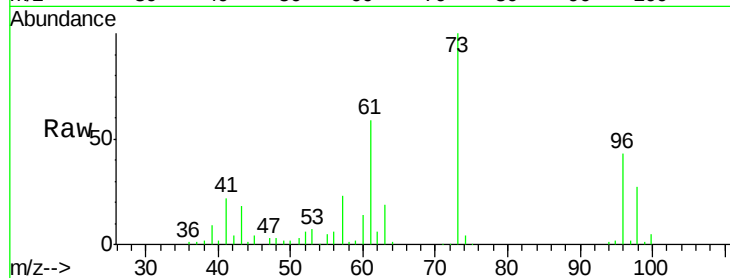
Tot Ion: 96 Resp: 125108

Ion Ratio Lower Upper

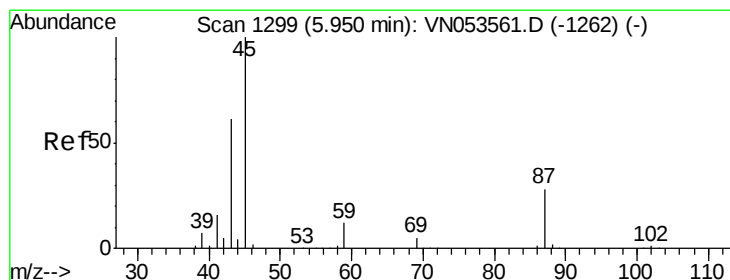
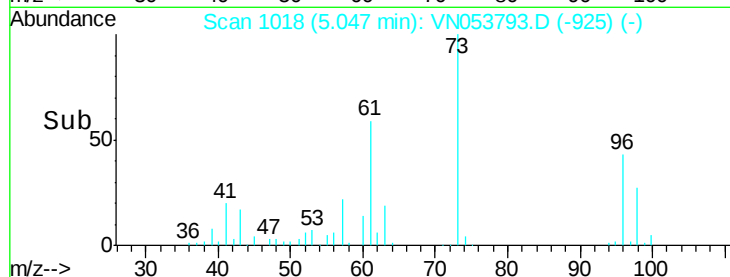
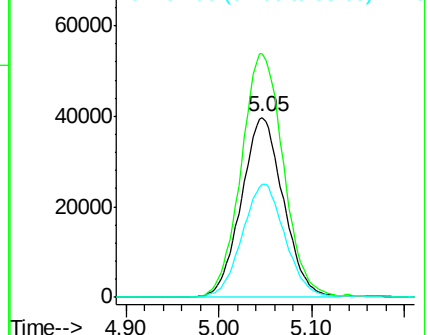
96 100

61 135.6 110.1 165.1

98 62.7 50.0 75.0



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



#22

Diisopropyl ether

Concen: 20.782 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Tgt Ion: 45 Resp: 378434

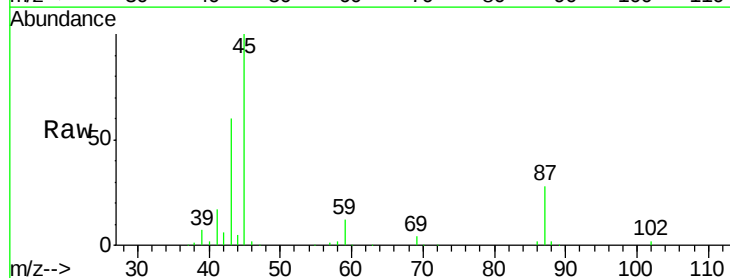
Ion Ratio Lower Upper

45 100

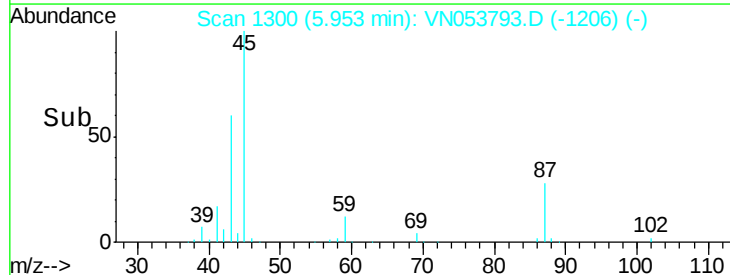
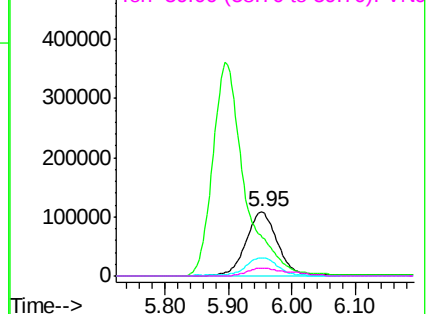
43 57.5 44.2 66.4

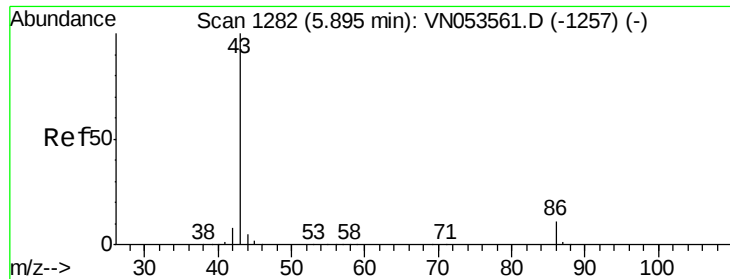
87 27.6 22.7 34.1

59 12.0 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 99.695 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

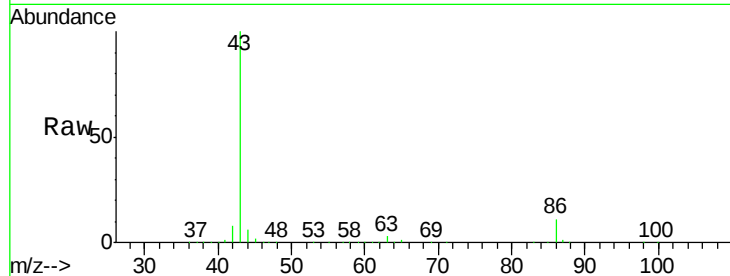
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1255880

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN053793.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN053793.D (-1189) (-)

5.90

400000

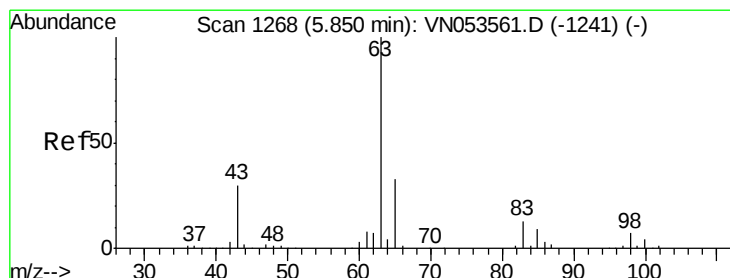
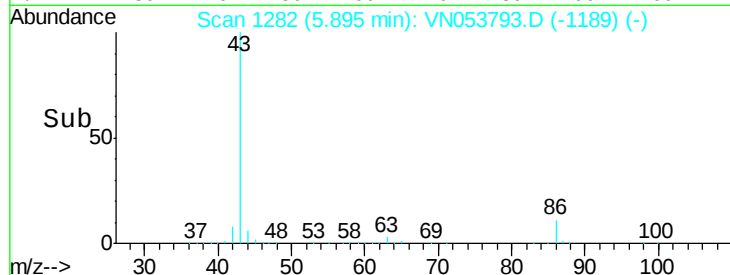
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.890 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

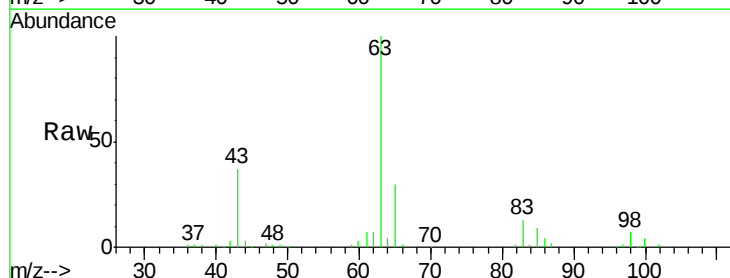
Tgt Ion: 63 Resp: 241579

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN053793.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN053793.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN053793.D (-1175) (-)

5.85

100000

80000

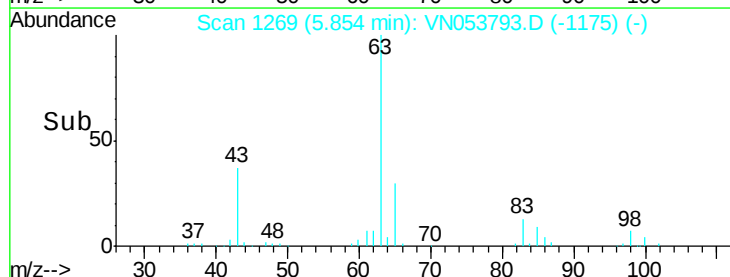
60000

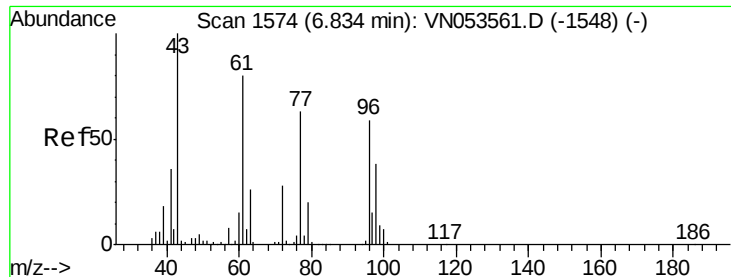
40000

20000

0

Time--> 5.70 5.80 5.90

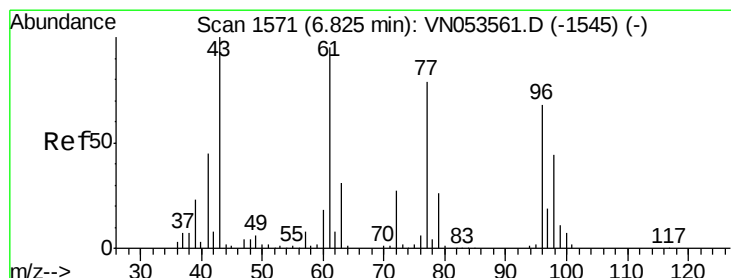
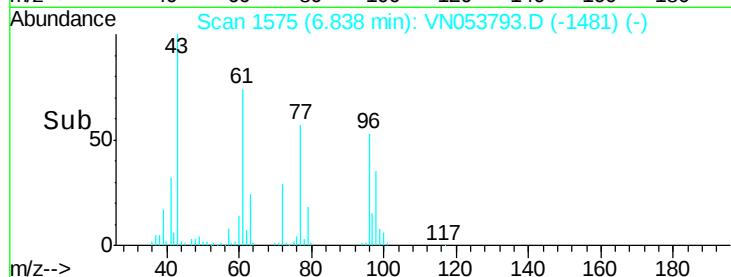
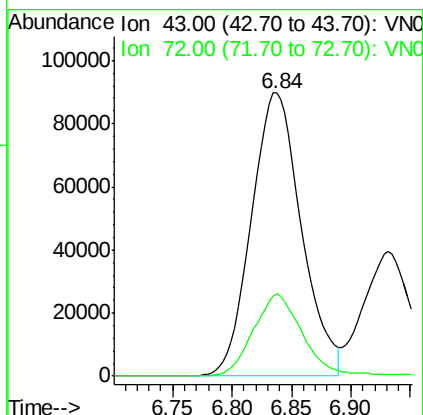
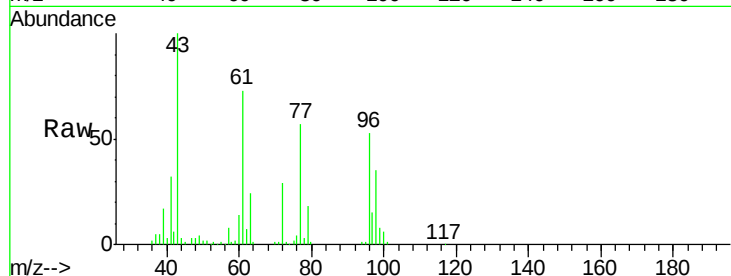




#25
2-Butanone
Concen: 106.488 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

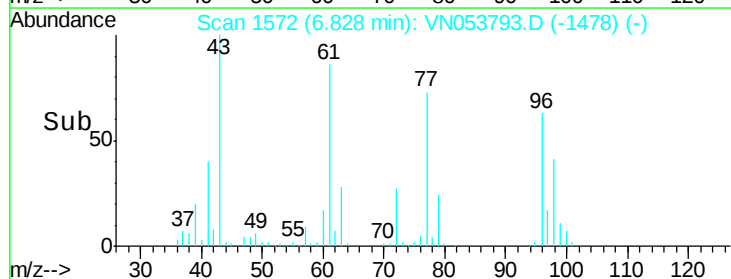
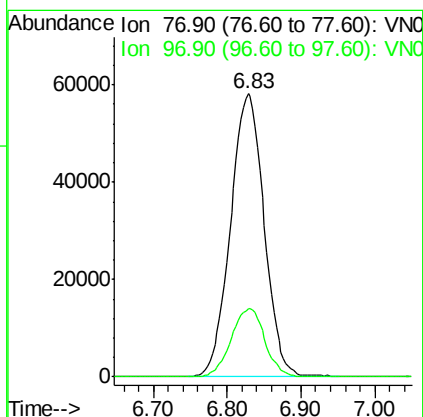
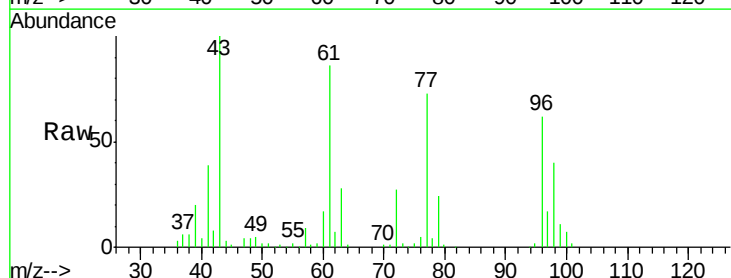
Instrument :
MSVOA_N
ClientSampled :

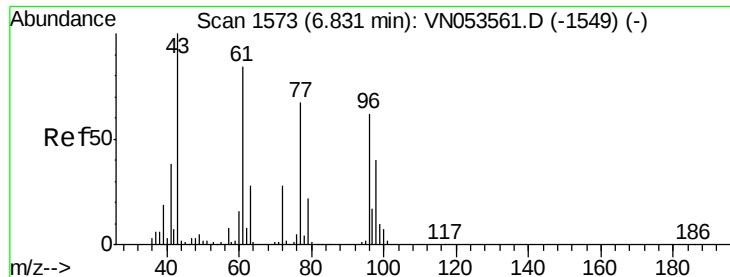
Tot Ion: 43 Resp: 260487
Ion Ratio Lower Upper
43 100
72 29.0 22.0 33.0



#26
2,2-Dichloropropane
Concen: 19.934 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 77 Resp: 184817
Ion Ratio Lower Upper
77 100
97 24.1 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.872 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :
MSVOA_N
ClientSampled :

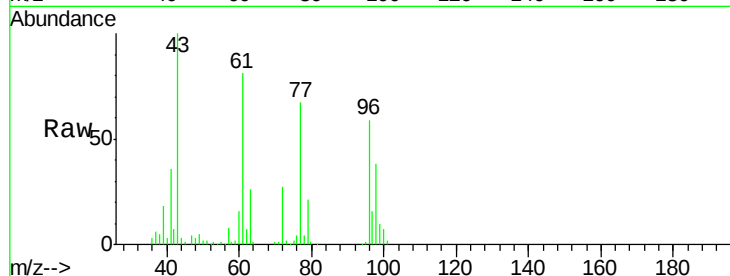
Tot Ion: 96 Resp: 147145

Ion Ratio Lower Upper

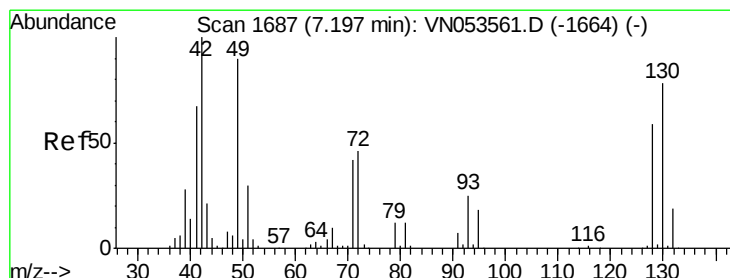
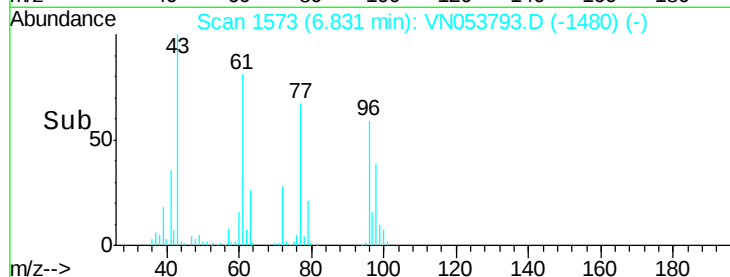
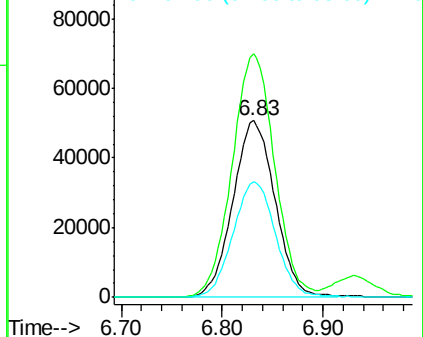
96 100

61 139.0 0.0 283.8

98 66.0 0.0 129.2



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: 20.361 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

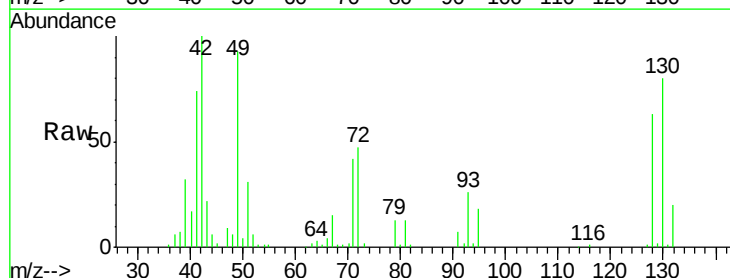
Tgt Ion: 49 Resp: 107319

Ion Ratio Lower Upper

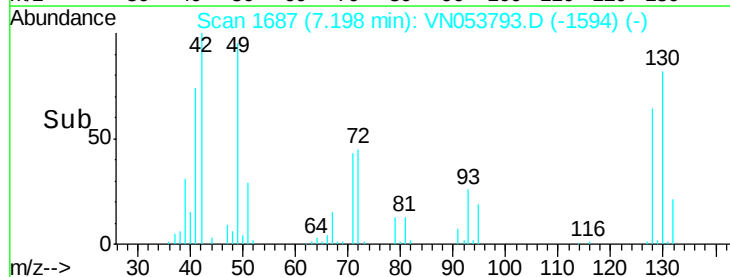
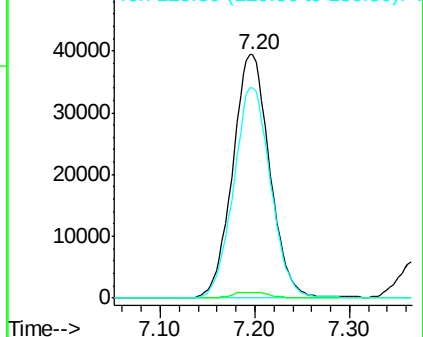
49 100

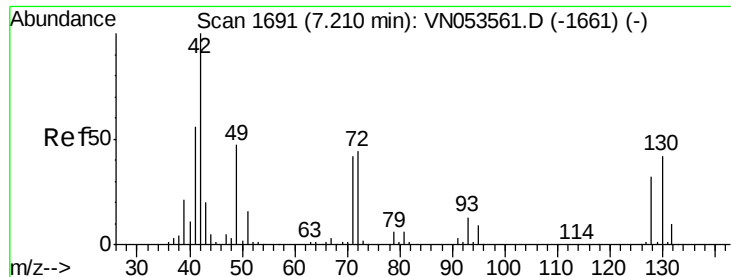
129 1.0 0.0 4.0

130 86.4 66.3 99.5



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

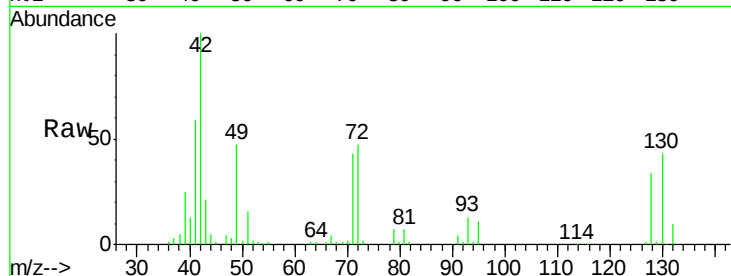




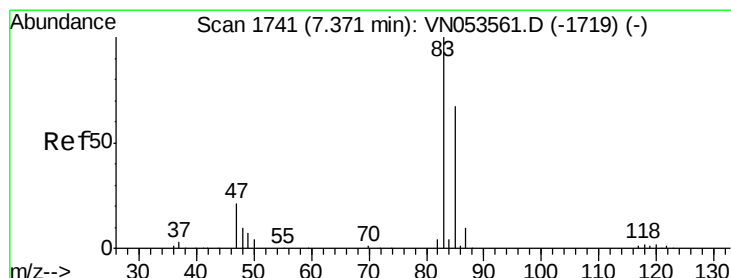
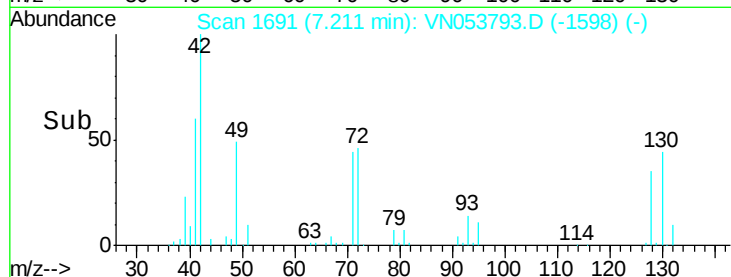
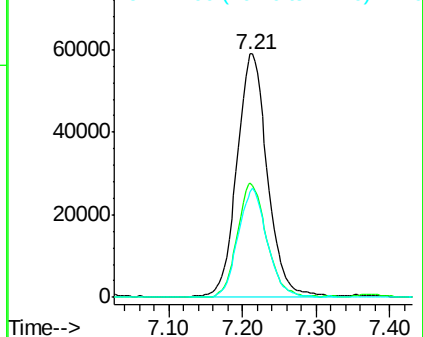
#29
Tetrahydrofuran
Concen: 107.508 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 168869
Ion Ratio Lower Upper
42 100
72 45.3 35.2 52.8
71 42.7 33.0 49.4

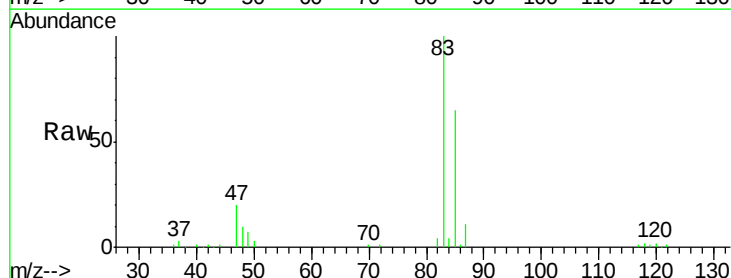


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

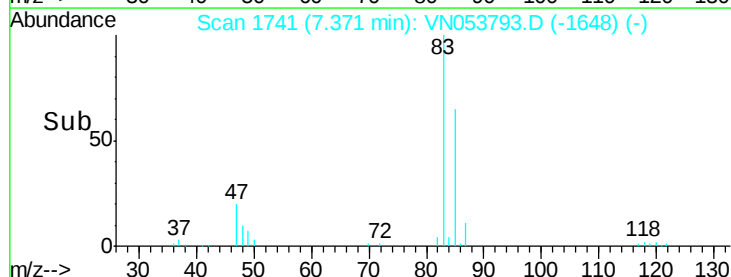
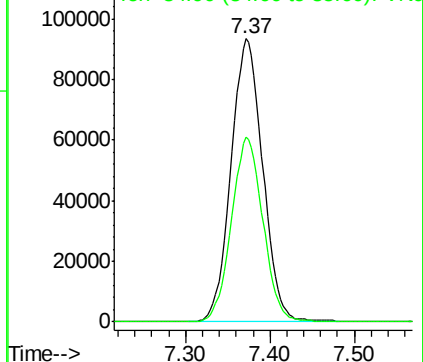


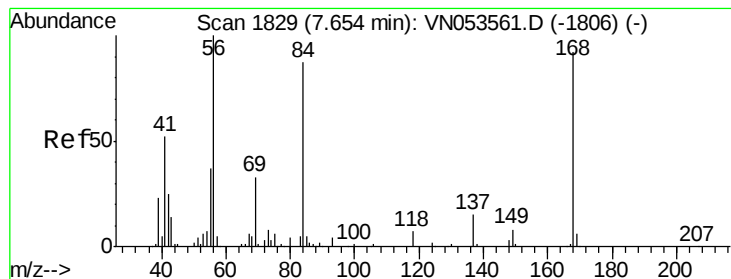
#30
Chloroform
Concen: 20.309 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 83 Resp: 244519
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2



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





#31

Cyclohexane

Concen: 18.276 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampled :

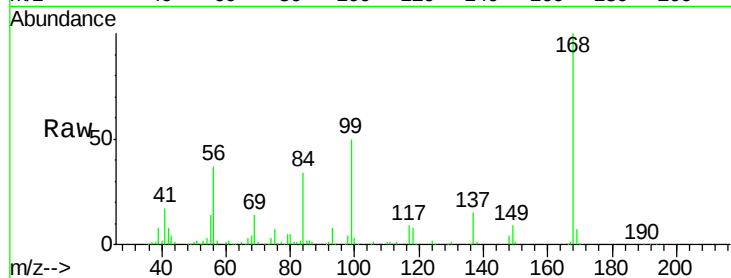
Tot Ion: 56 Resp: 207887

Ion Ratio Lower Upper

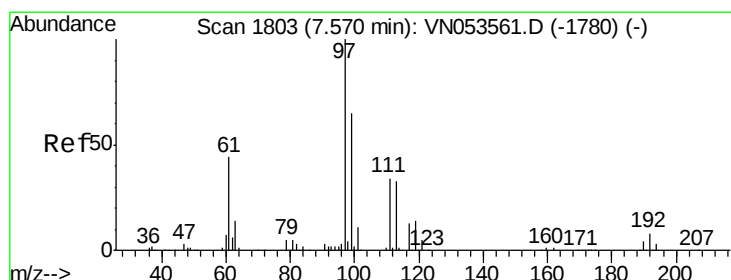
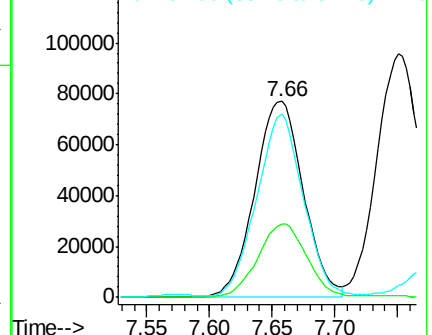
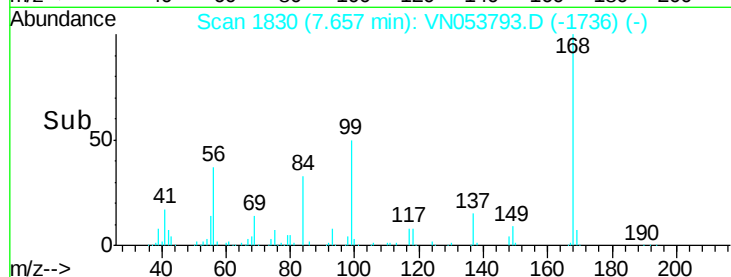
56 100

69 37.5 26.4 39.6

84 92.2 67.9 101.9



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



#32

1,1,1-Trichloroethane

Concen: 19.992 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

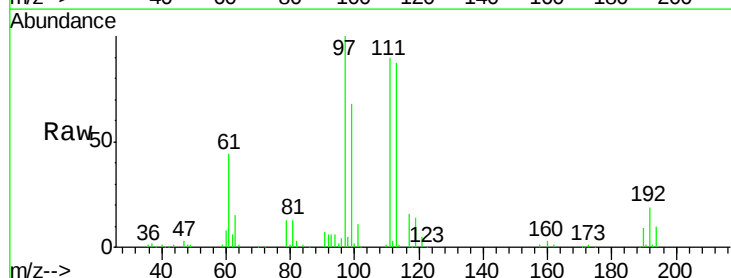
Tgt Ion: 97 Resp: 200315

Ion Ratio Lower Upper

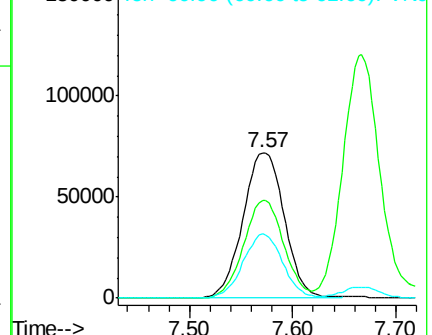
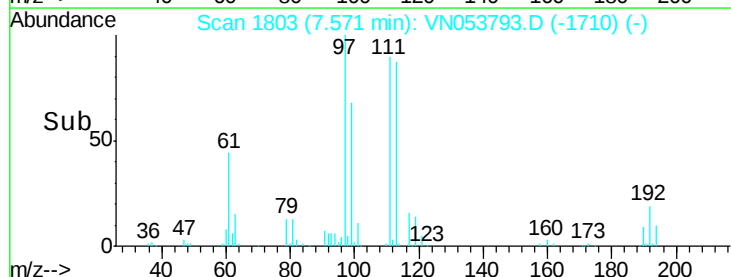
97 100

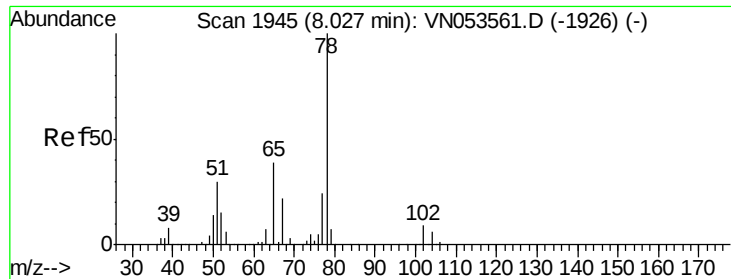
99 65.3 52.0 78.0

61 42.3 34.4 51.6



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

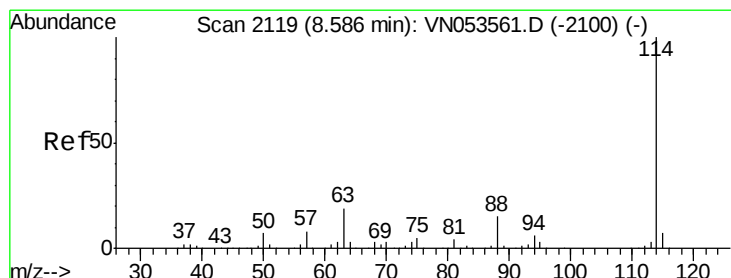
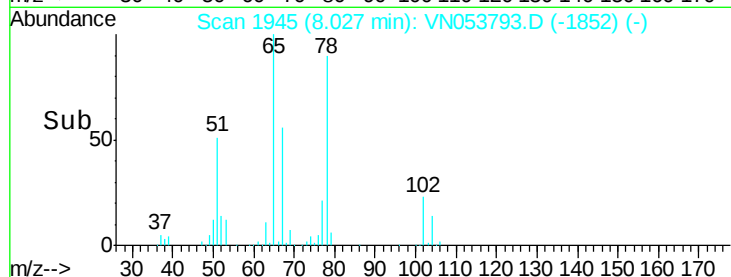
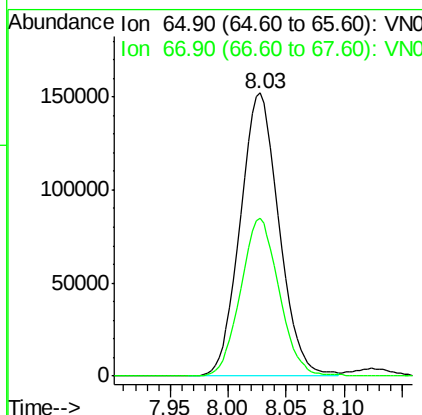
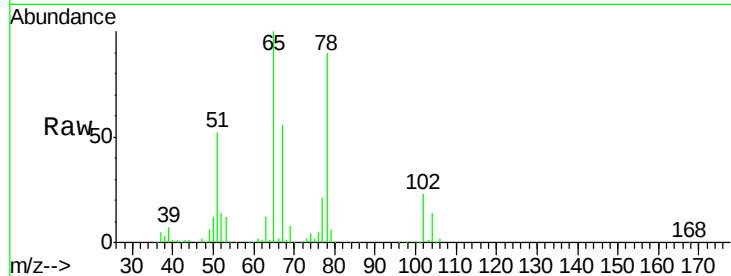




#33
 1,2-Dichloroethane-d4
 Concen: 53.087 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

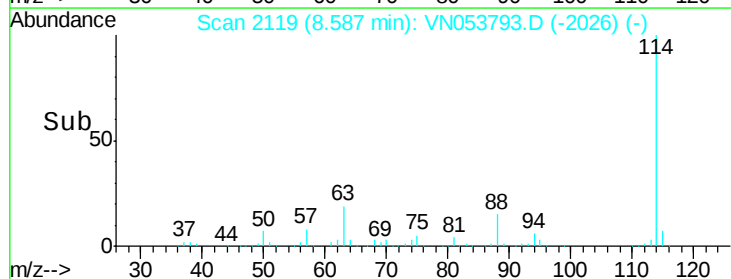
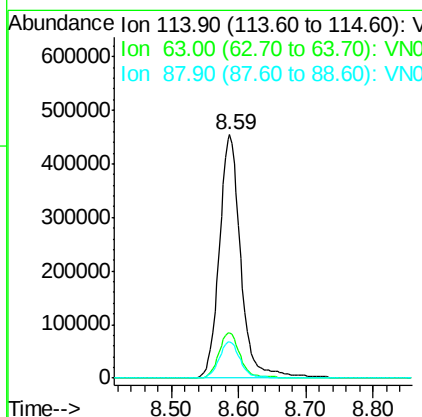
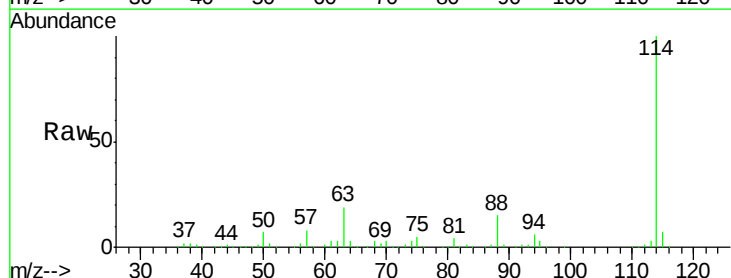
Instrument :
 MSVOA_N
 ClientSampleId :

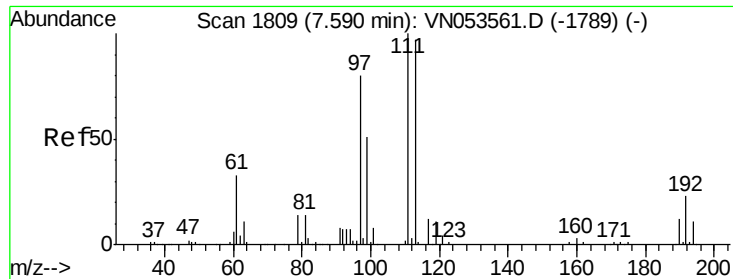
Tot Ion: 65 Resp: 354971
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Tgt Ion: 114 Resp: 1010600
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 14.9 0.0 30.4

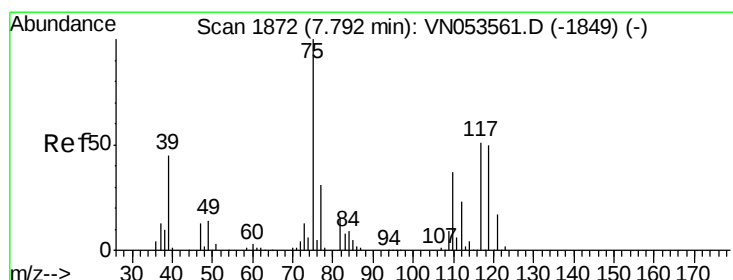
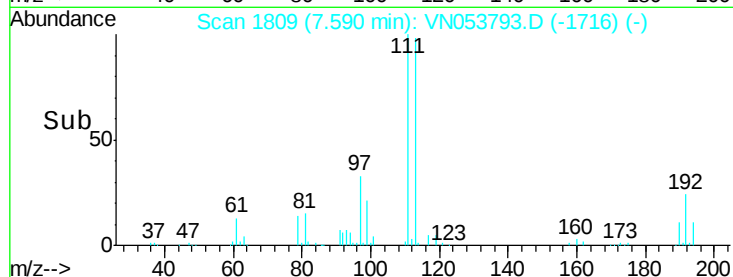
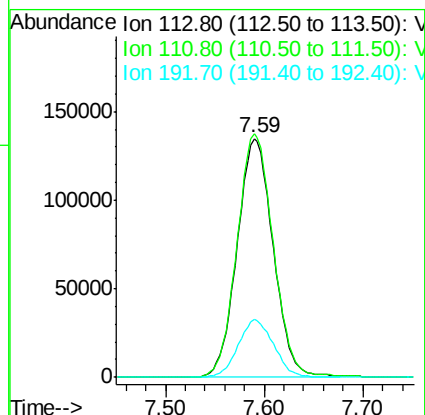
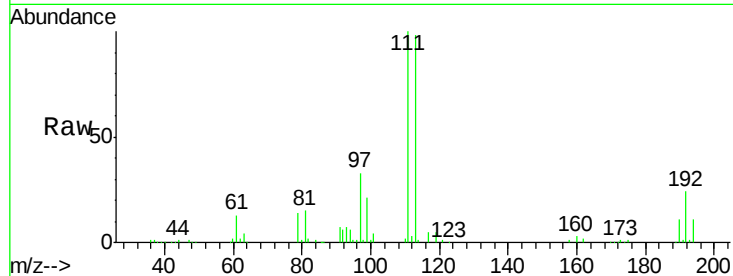




#35
Dibromofluoromethane
Concen: 53.368 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

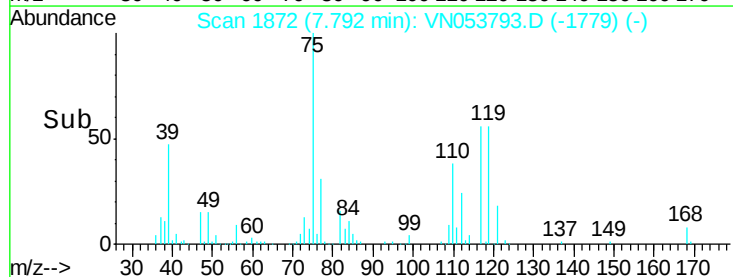
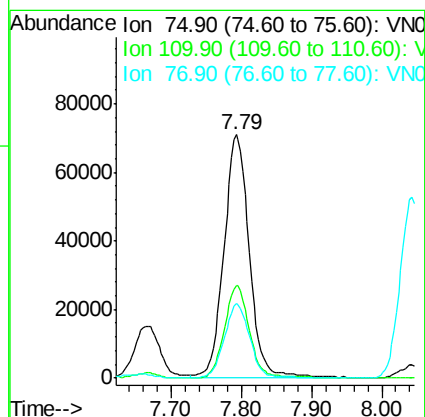
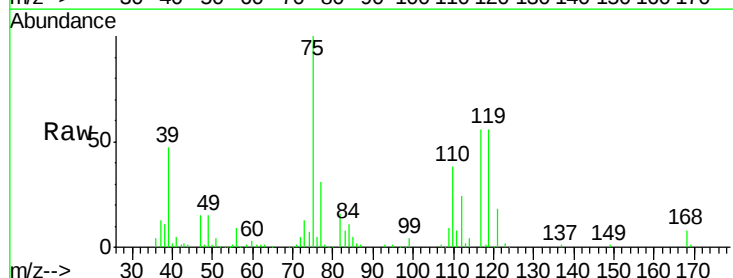
Instrument :
MSVOA_N
ClientSampleId :

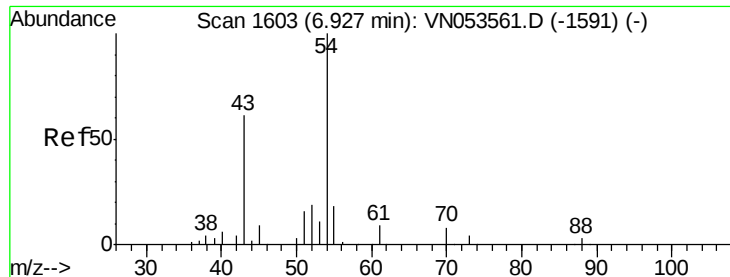
Tot Ion:113 Resp: 340794
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 23.7 18.2 27.2



#36
1,1-Dichloropropene
Concen: 19.448 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 75 Resp: 177171
Ion Ratio Lower Upper
75 100
110 37.2 18.1 54.3
77 30.7 25.1 37.7

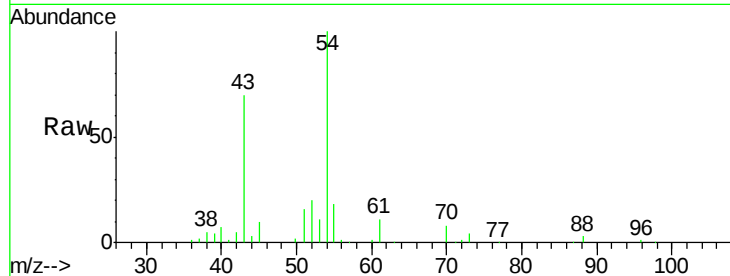




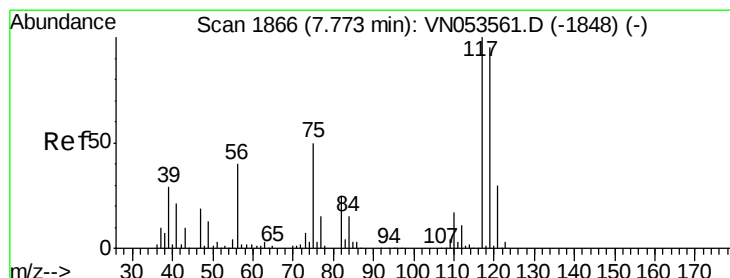
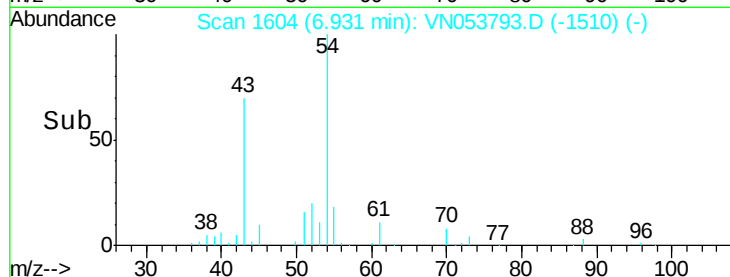
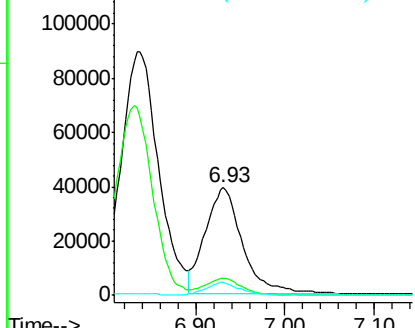
#37
Ethyl Acetate
Concen: 22.399 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 113967
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 10.8 8.6 12.8

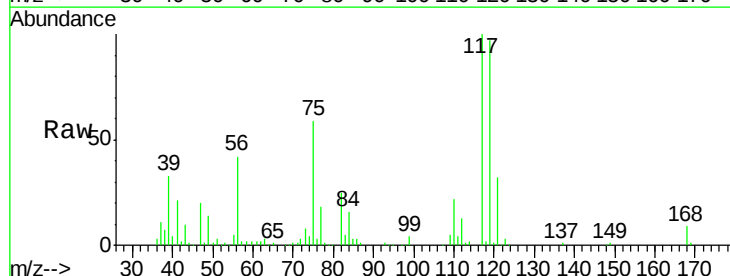


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

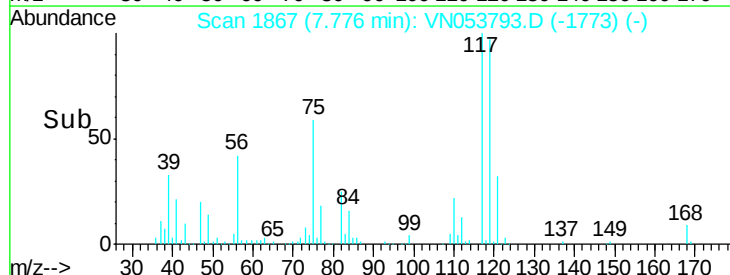
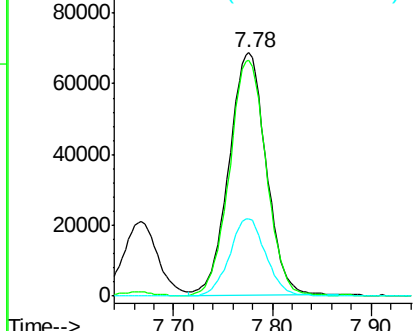


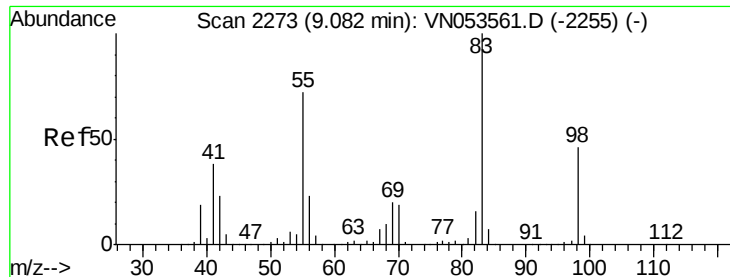
#38
Carbon Tetrachloride
Concen: 19.545 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 117 Resp: 179372
Ion Ratio Lower Upper
117 100
119 96.8 77.2 115.8
121 31.8 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

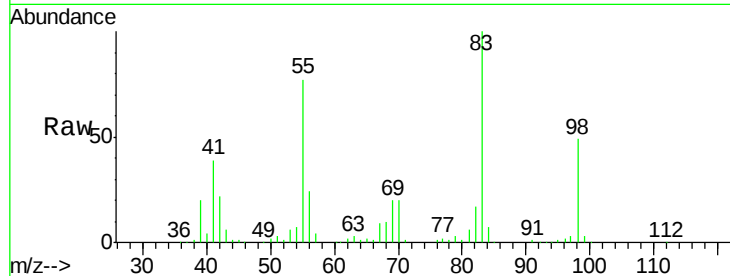




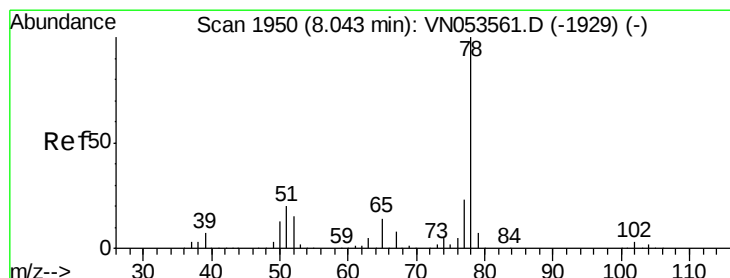
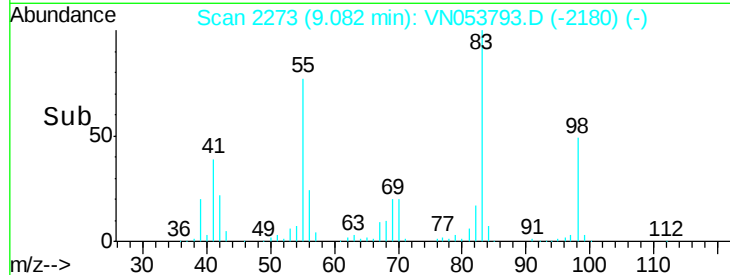
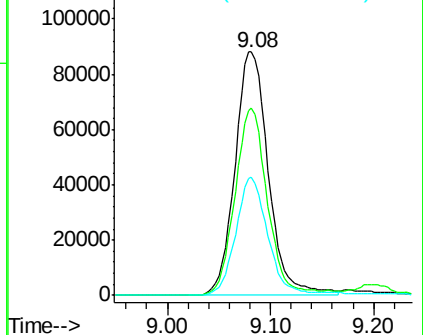
#39
Methvlcvclohexane
Concen: 18.440 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 199297
Ion Ratio Lower Upper
83 100
55 77.2 60.1 90.1
98 48.5 36.6 55.0

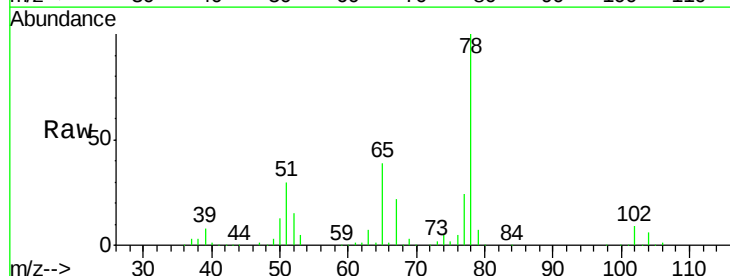


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

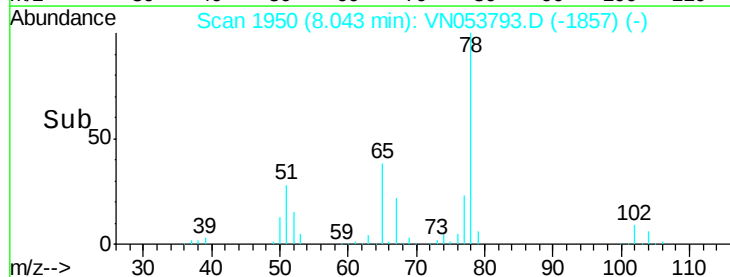
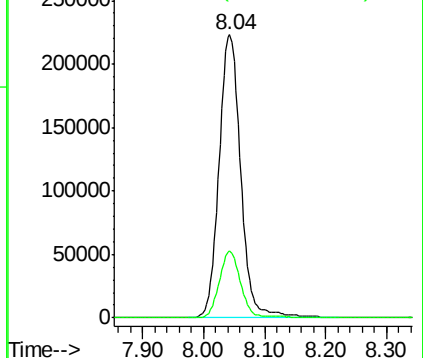


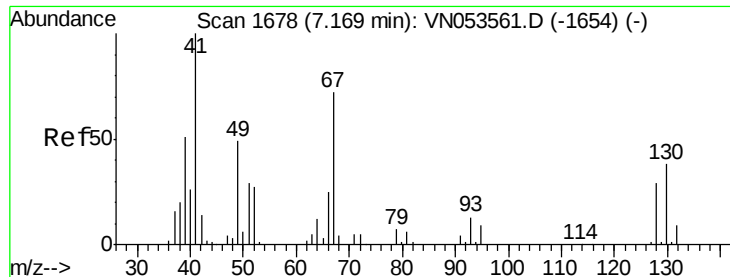
#40
Benzene
Concen: 19.584 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 78 Resp: 550175
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



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

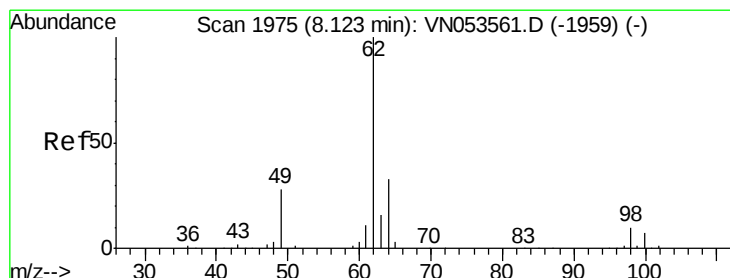
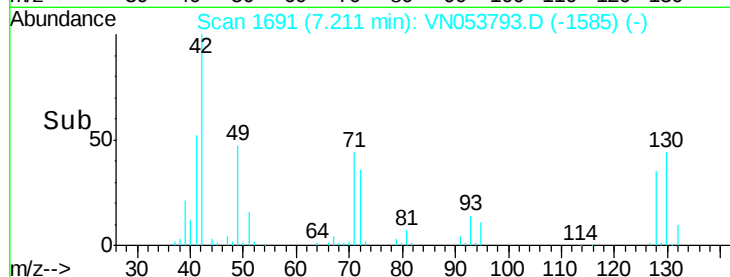
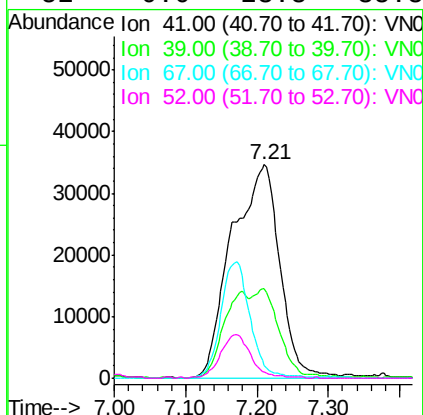
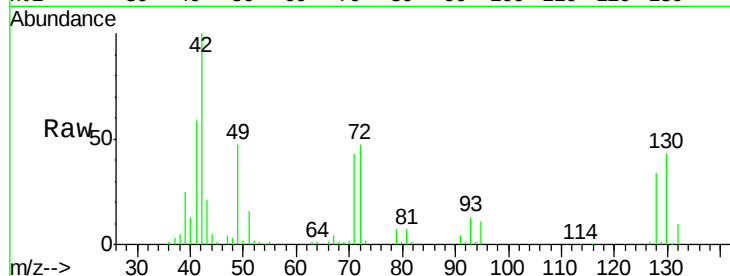




#41
Methacrylonitrile
Concen: 56.758 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

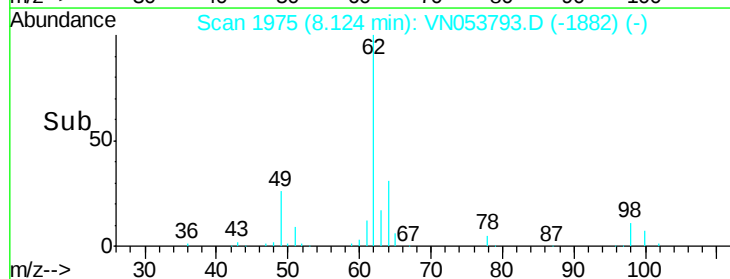
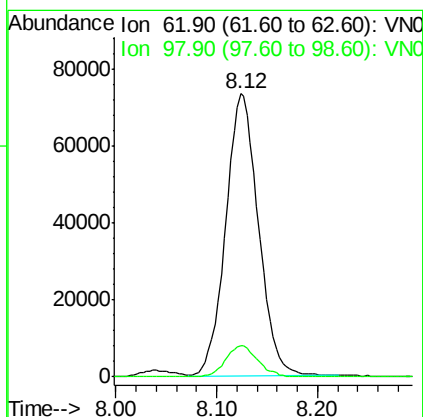
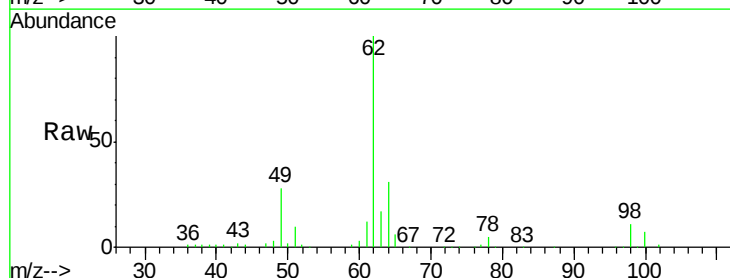
Instrument :
MSVOA_N
ClientSampled :

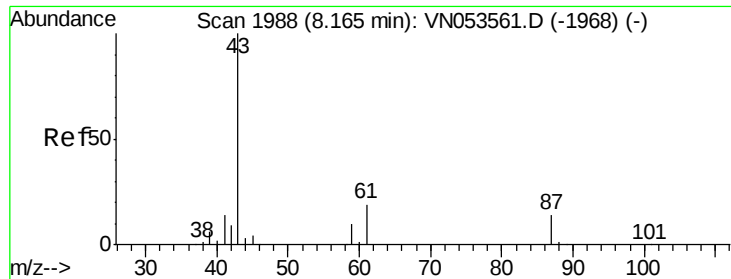
Tot Ion: 41 Resp: 161398
Ion Ratio Lower Upper
41 100
39 0.0 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#



#42
1,2-Dichloroethane
Concen: 19.949 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 62 Resp: 166399
Ion Ratio Lower Upper
62 100
98 10.8 0.0 19.6





#43

Isopropyl Acetate

Concen: 19.581 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

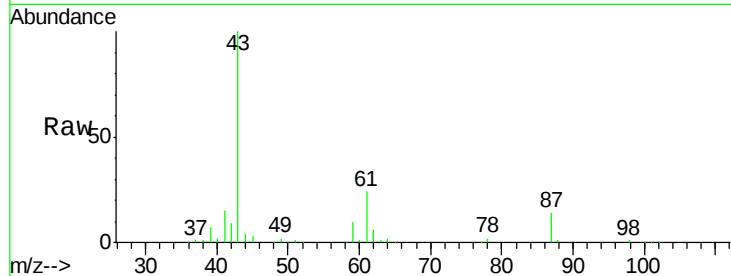
Tot Ion: 43 Resp: 192402

Ion Ratio Lower Upper

43 100

61 21.5 23.9 35.9#

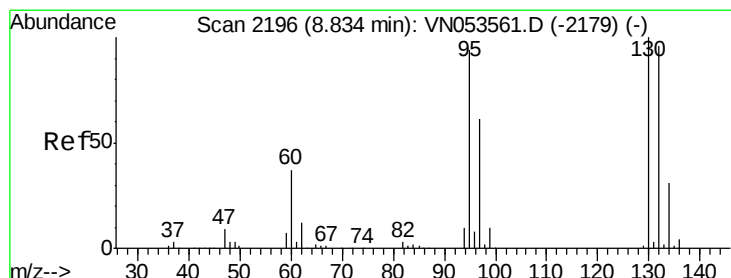
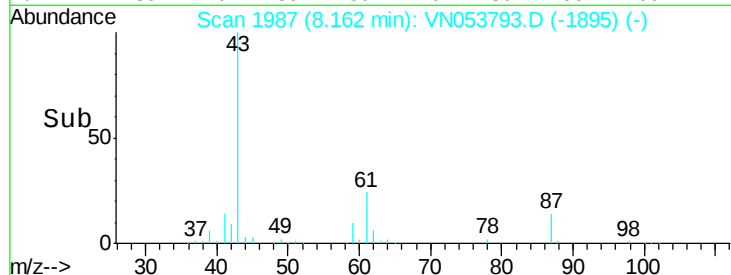
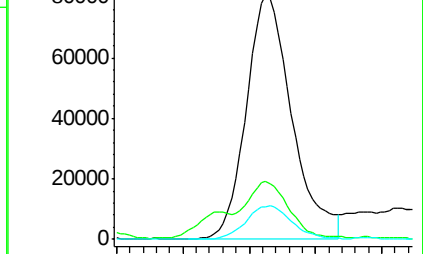
87 13.8 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053793.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN053793.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN053793.D (-1895) (-)



#44

Trichloroethene

Concen: 19.382 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053793.D

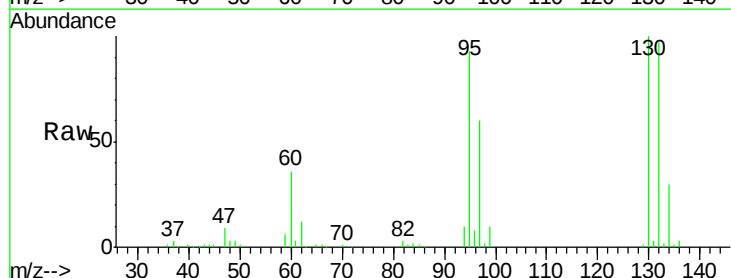
Acq: 15 Feb 2019 12:10

Tgt Ion:130 Resp: 155011

Ion Ratio Lower Upper

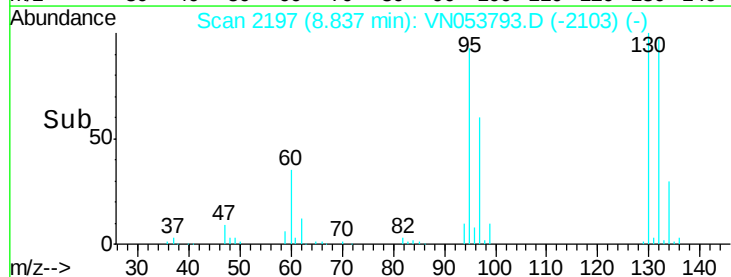
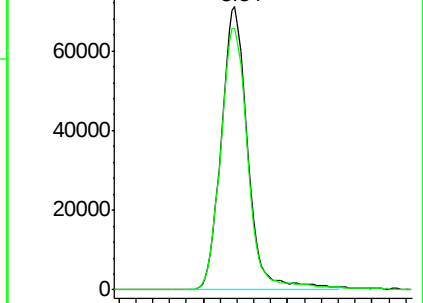
130 100

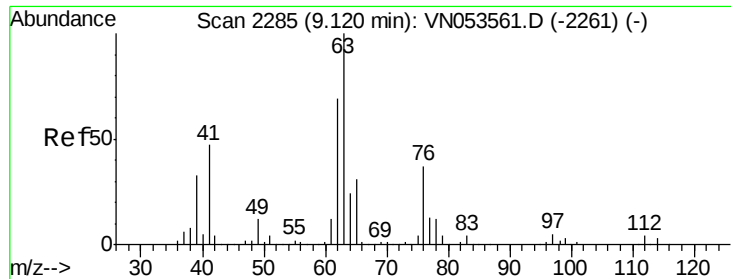
95 92.5 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053793.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN053793.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 20.719 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

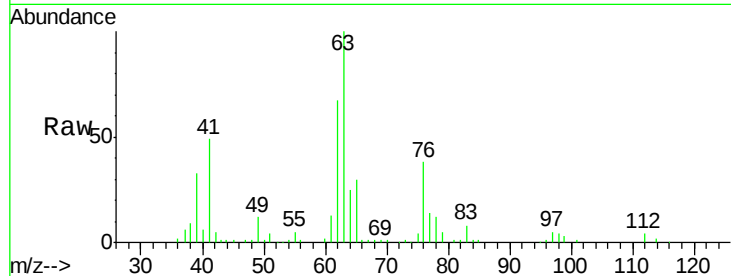
ClientSampled :

Tot Ion: 63 Resp: 148873

Ion Ratio Lower Upper

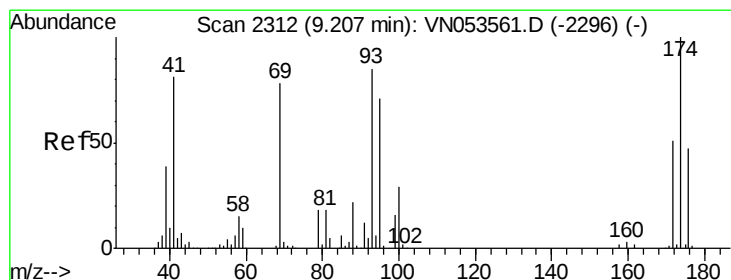
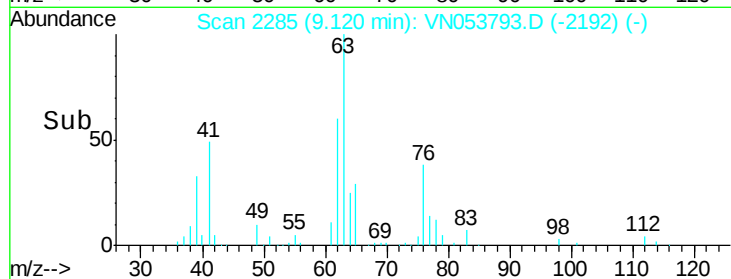
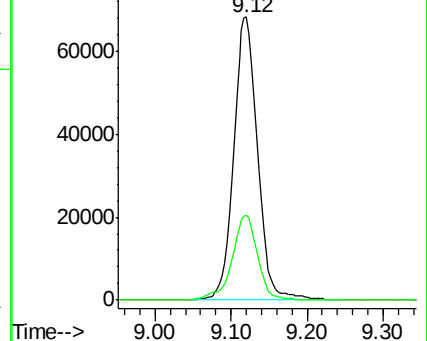
63 100

65 30.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.296 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

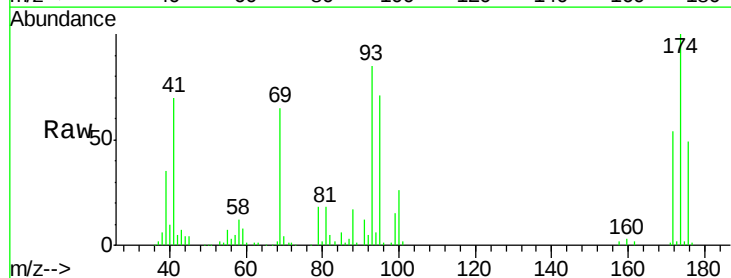
Tgt Ion: 93 Resp: 87911

Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

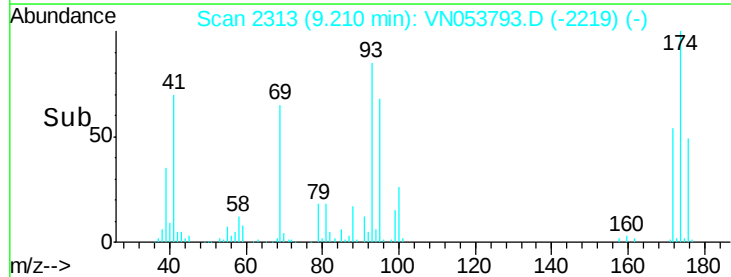
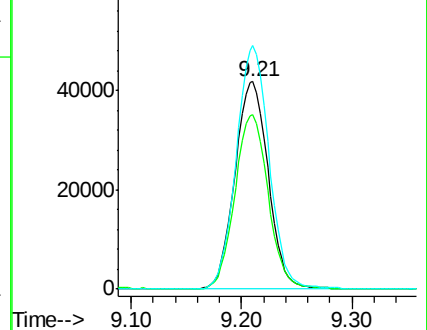
174 115.4 91.0 136.4

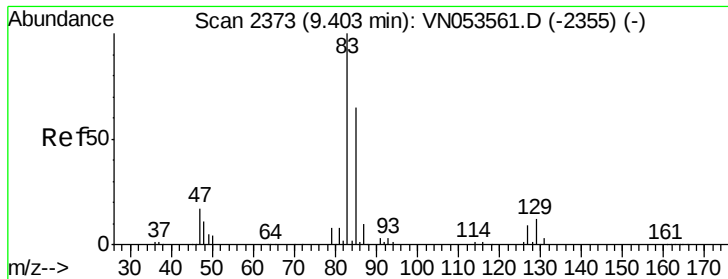


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.904 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

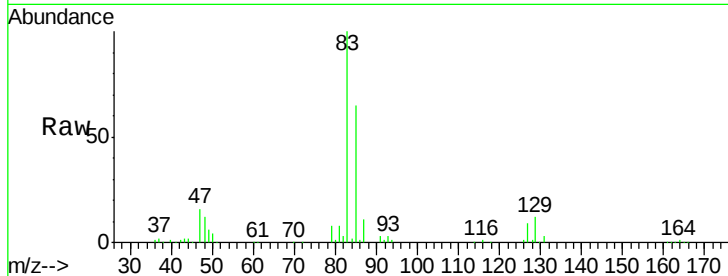
Tot Ion: 83 Resp: 188259

Ion Ratio Lower Upper

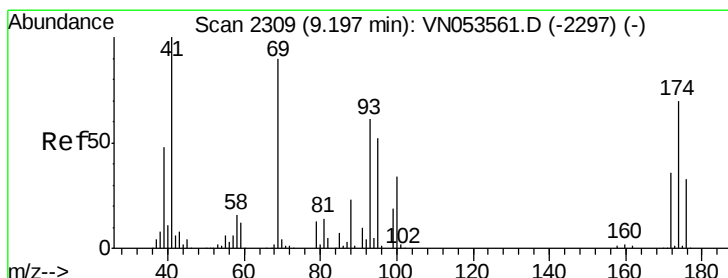
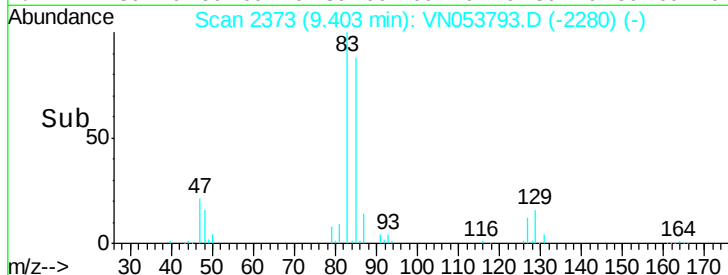
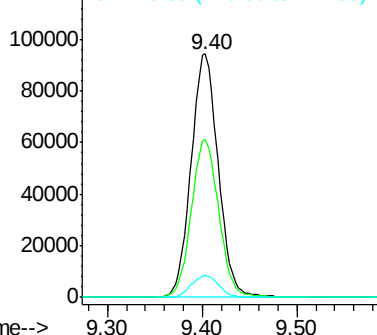
83 100

85 64.7 51.0 76.6

127 9.1 7.0 10.6



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): V



#48

Methyl methacrylate

Concen: 20.678 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

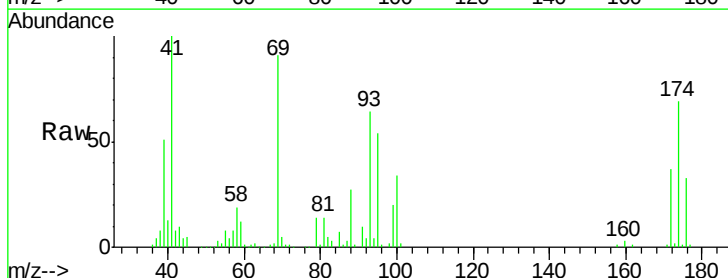
Tgt Ion: 41 Resp: 96985

Ion Ratio Lower Upper

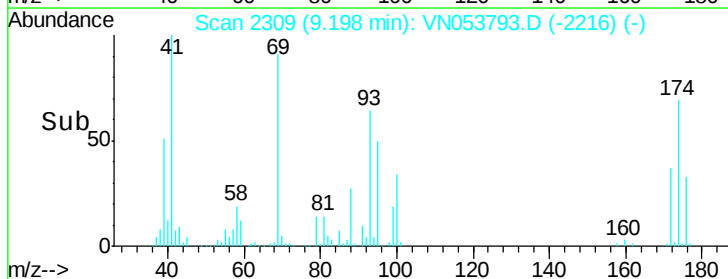
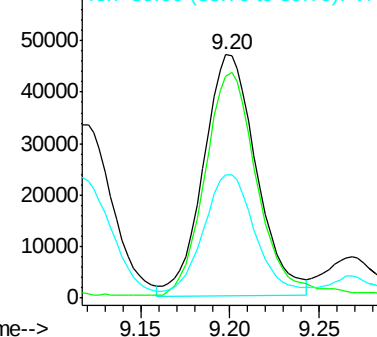
41 100

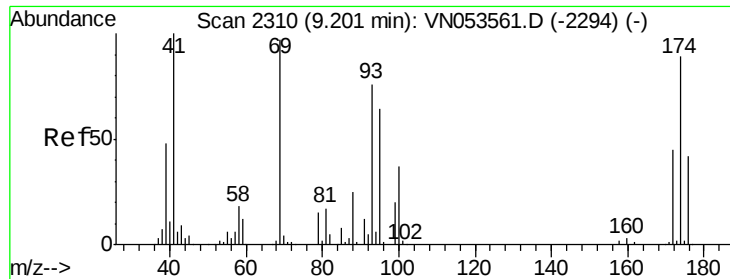
69 94.4 73.8 110.6

39 50.8 40.0 60.0



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: 426.753 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

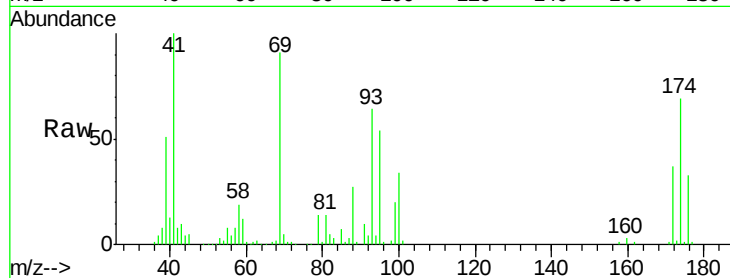
Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 27418

Ion	Ratio	Lower	Upper
88	100		
43	30.3	27.8	41.6
58	68.7	56.5	84.7

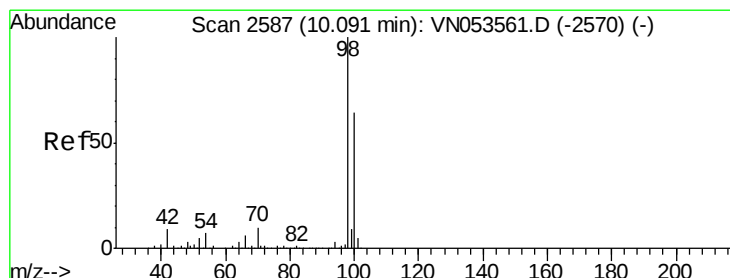
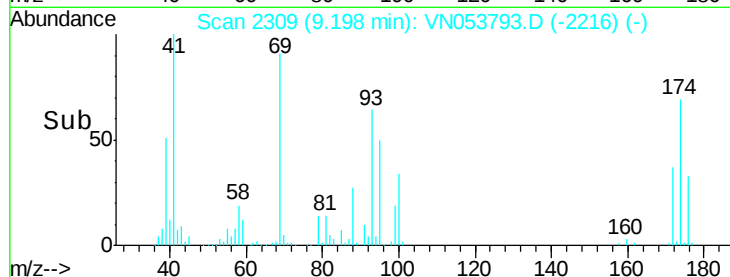
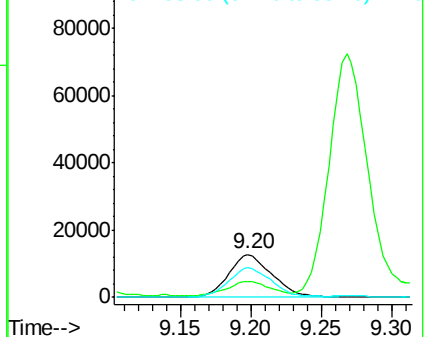


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 55.727 ug/l

RT: 10.09 min Scan# 2587

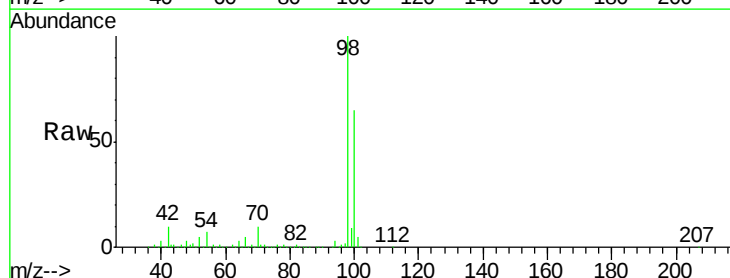
Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Tgt Ion: 98 Resp: 1336169

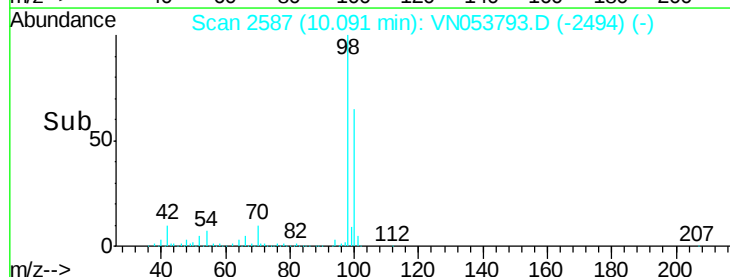
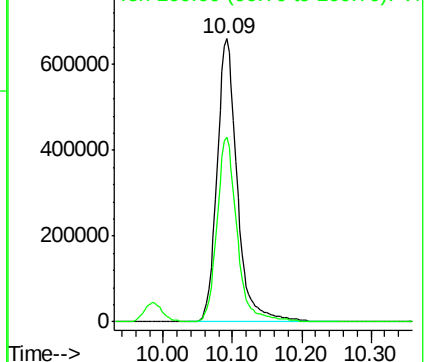
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.4	77.0

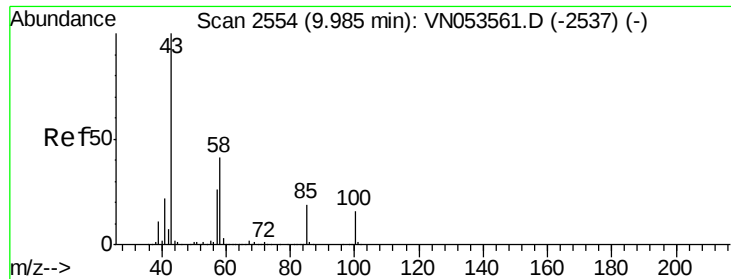


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 119.613 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

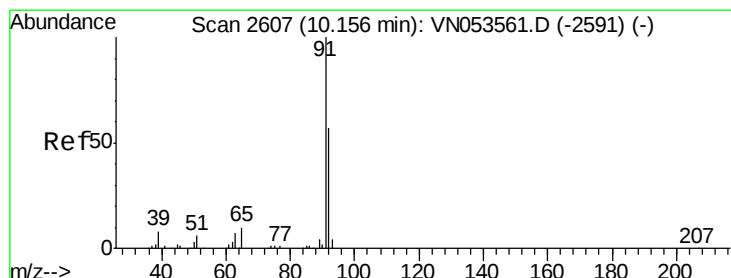
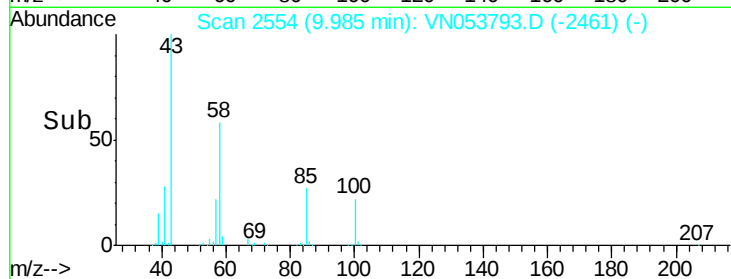
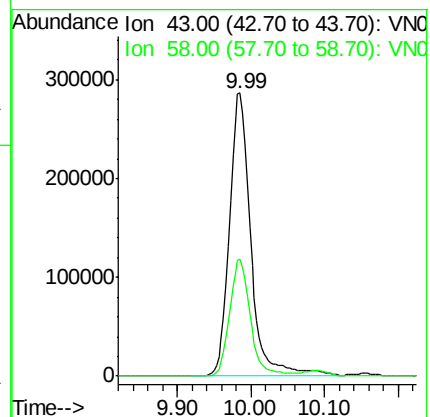
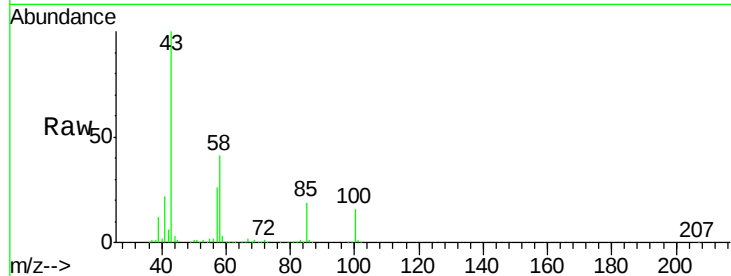
ClientSampleId :

Tot Ion: 43 Resp: 577548

Ion Ratio Lower Upper

43 100

58 40.0 32.8 49.2



#52

Toluene

Concen: 21.710 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053793.D

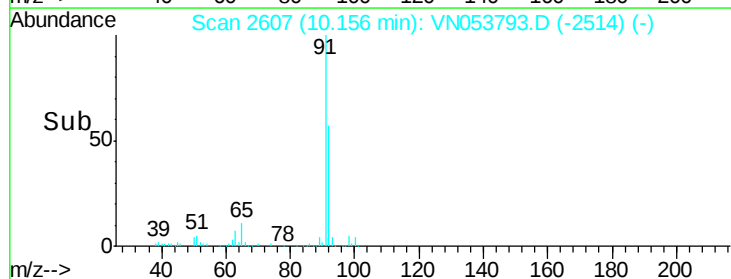
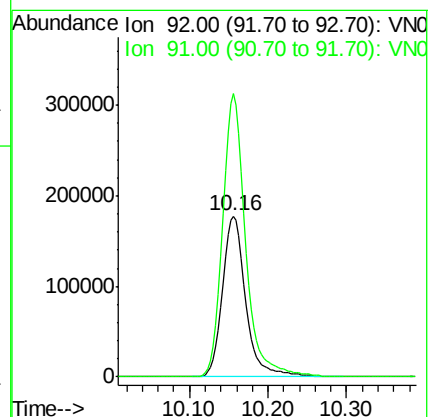
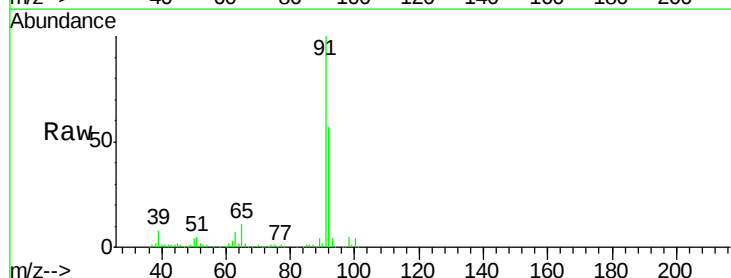
Acq: 15 Feb 2019 12:10

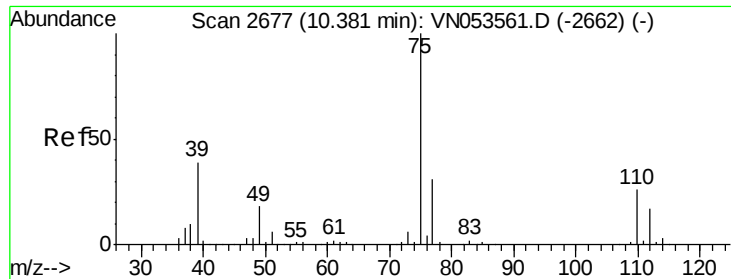
Tgt Ion: 92 Resp: 361967

Ion Ratio Lower Upper

92 100

91 173.7 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 21.081 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

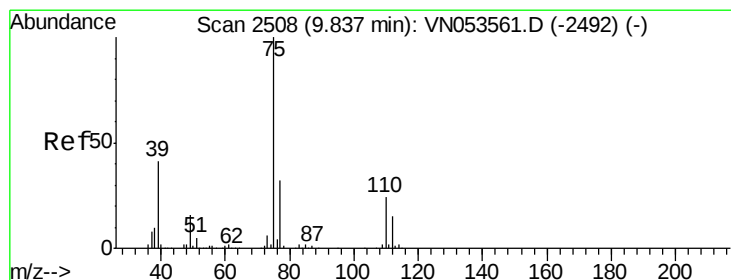
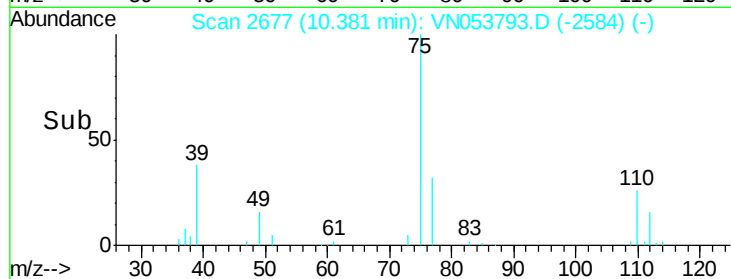
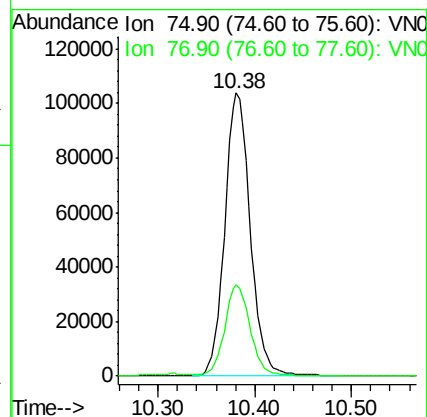
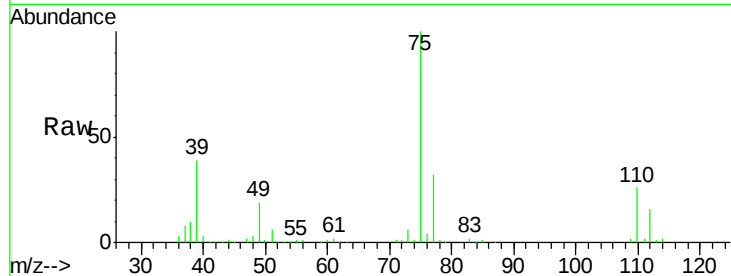
ClientSampleId :

Tot Ion: 75 Resp: 190108

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.349 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

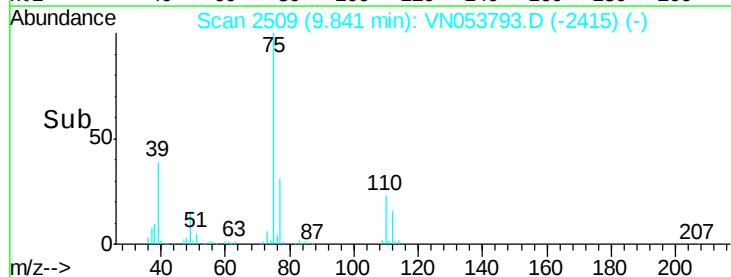
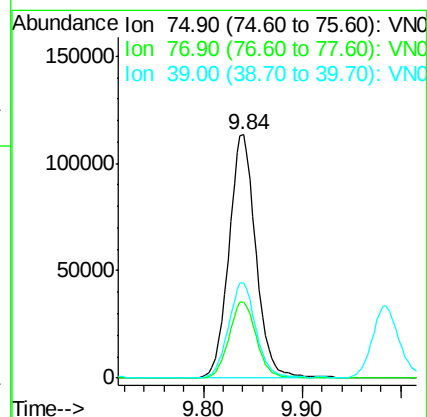
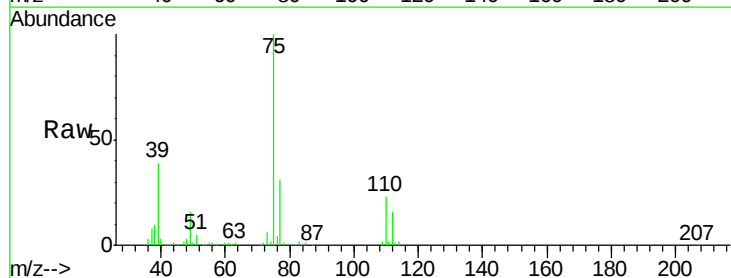
Tgt Ion: 75 Resp: 217457

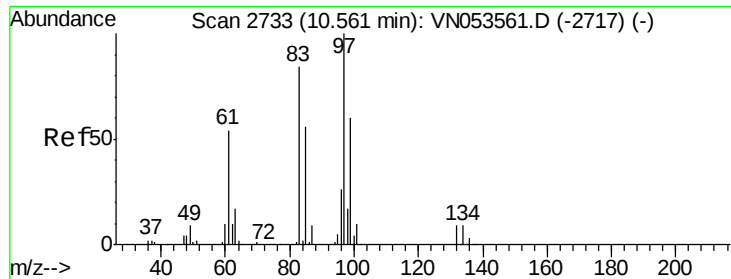
Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

39 39.0 33.4 50.0

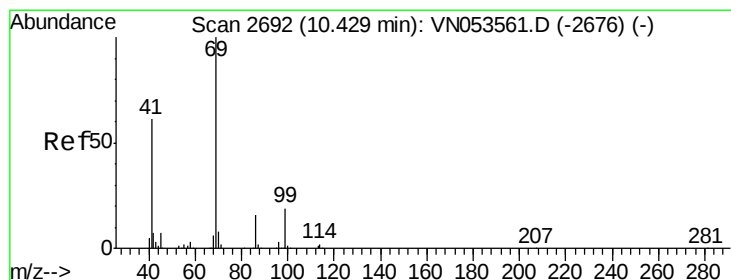
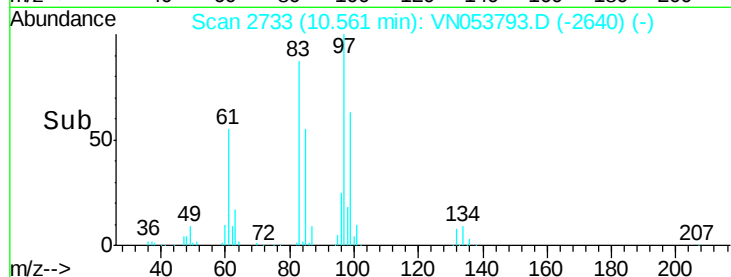
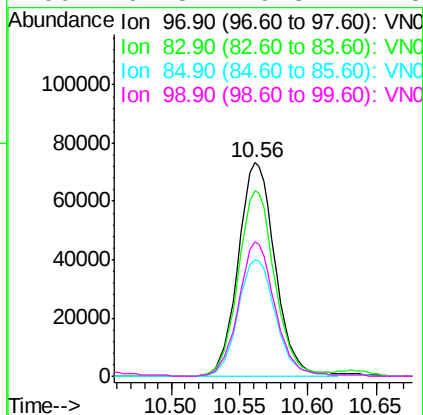
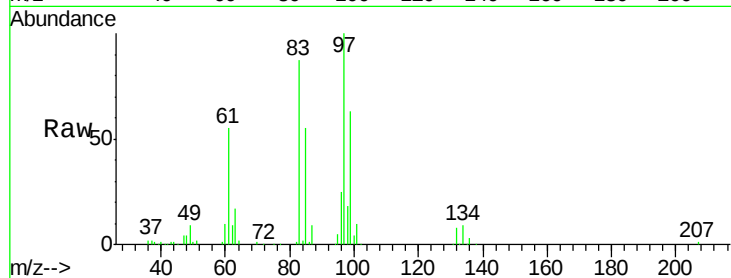




#55
 1,1,2-Trichloroethane
 Concen: 22.890 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

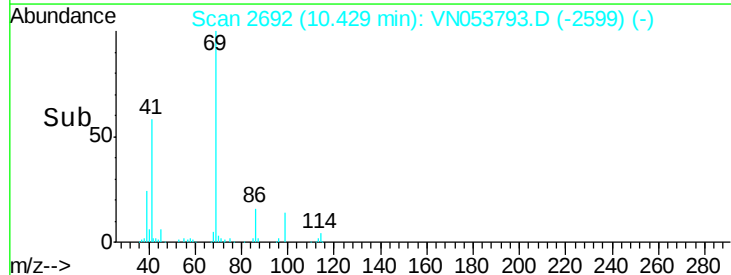
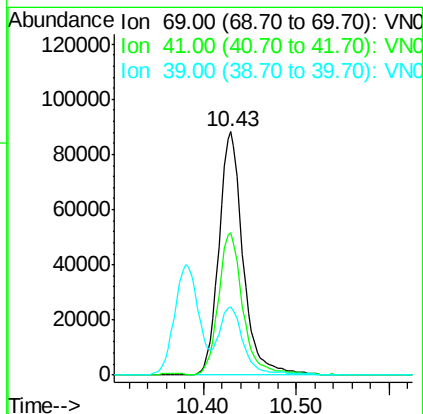
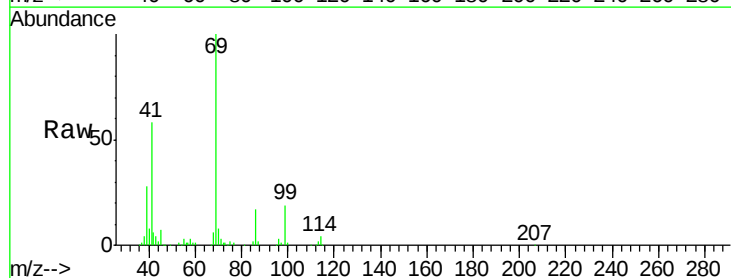
Instrument :
 MSVOA_N
 ClientSampled :

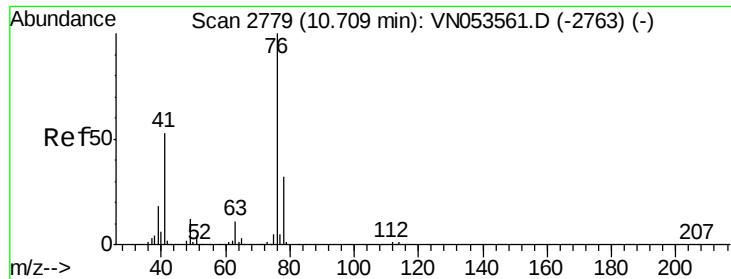
Tot Ion: 97 Resp: 137524
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.1 105.1
 85 54.6 45.4 68.0
 99 62.8 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 22.407 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Tgt Ion: 69 Resp: 159252
 Ion Ratio Lower Upper
 69 100
 41 58.2 49.4 74.0
 39 28.1 23.3 34.9

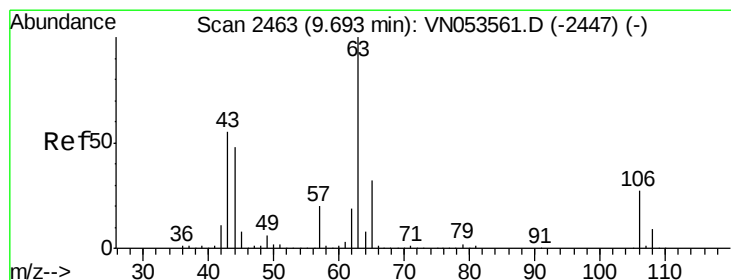
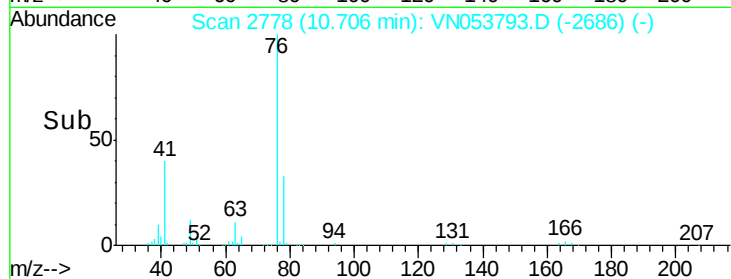
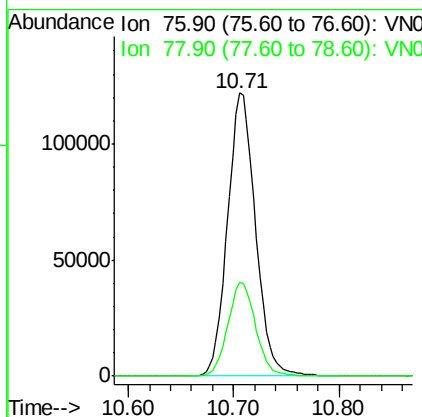
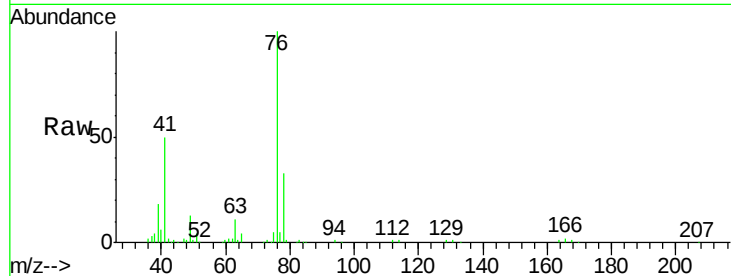




#57
 1,3-Dichloropropane
 Concen: 21.777 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

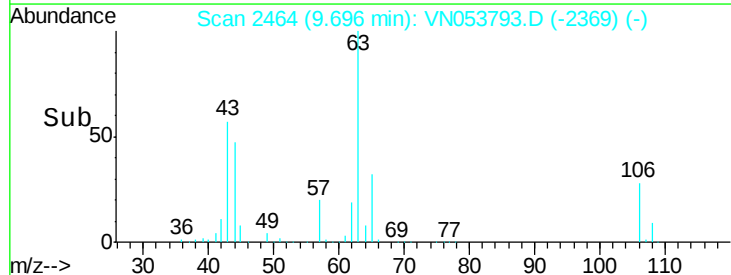
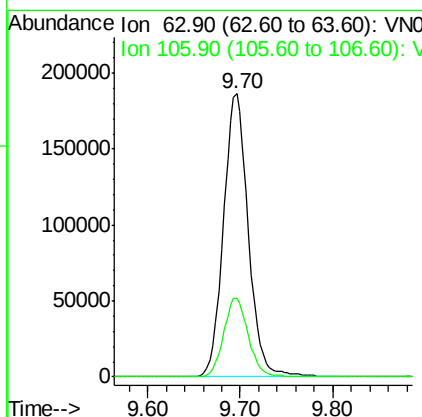
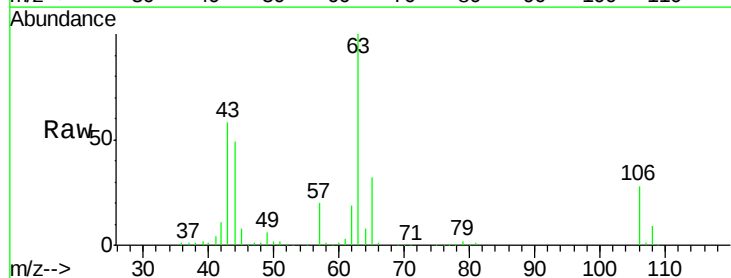
Instrument :
 MSVOA_N
 ClientSampled :

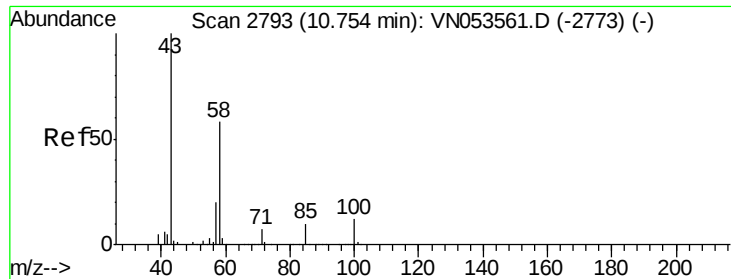
Tot Ion: 76 Resp: 223609
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 83.884 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Tgt Ion: 63 Resp: 345512
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.5 32.3

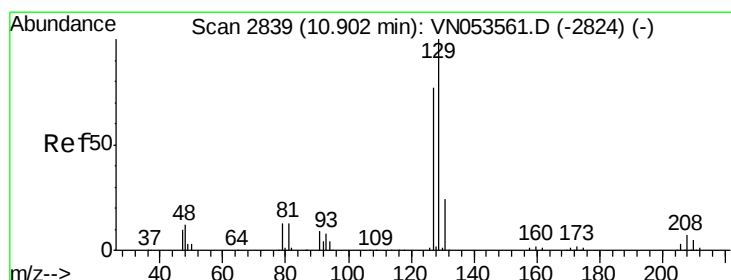
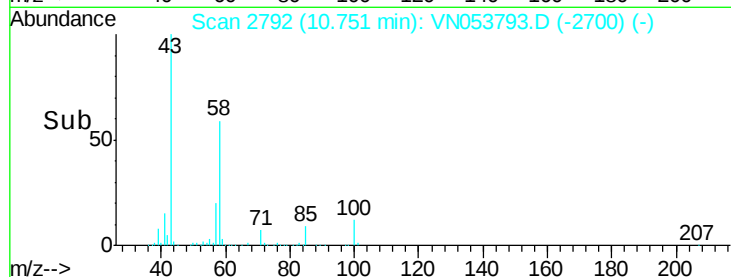
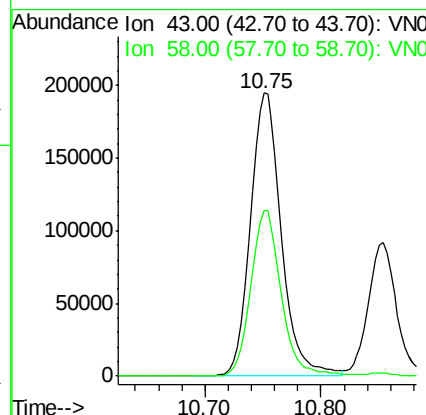
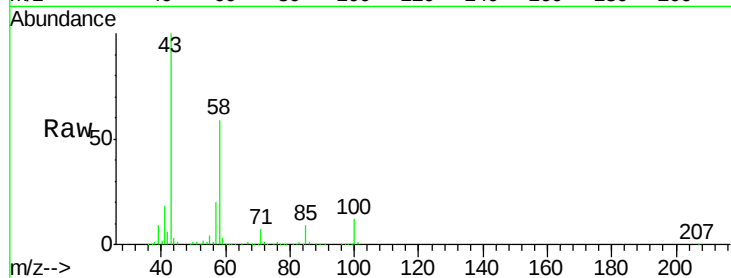




#59
2-Hexanone
Concen: 109.985 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

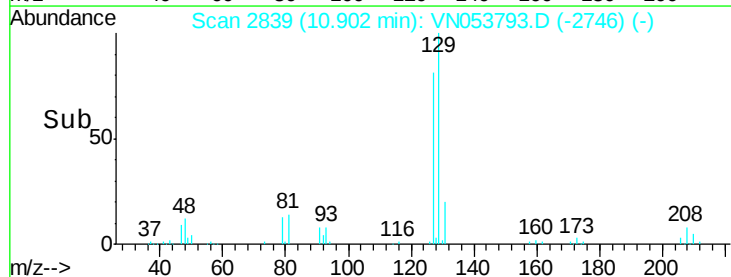
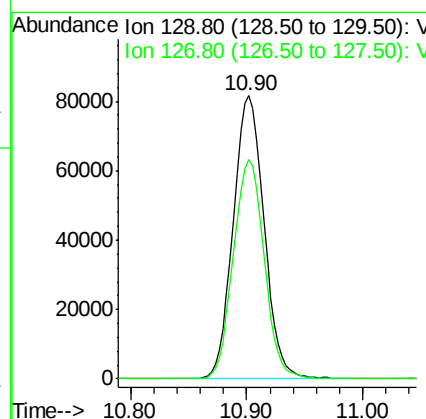
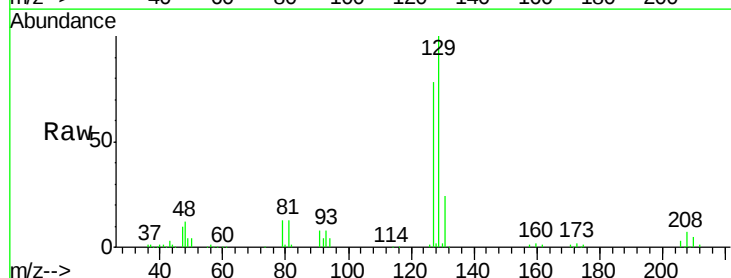
Instrument :
MSVOA_N
ClientSampleId :

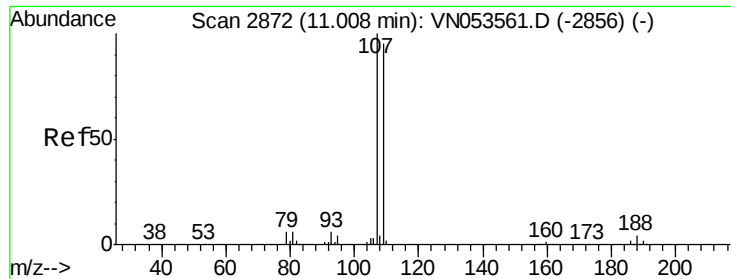
Tot Ion: 43 Resp: 360521
Ion Ratio Lower Upper
43 100
58 57.8 28.6 85.8



#60
Dibromochloromethane
Concen: 22.179 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 129 Resp: 150260
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

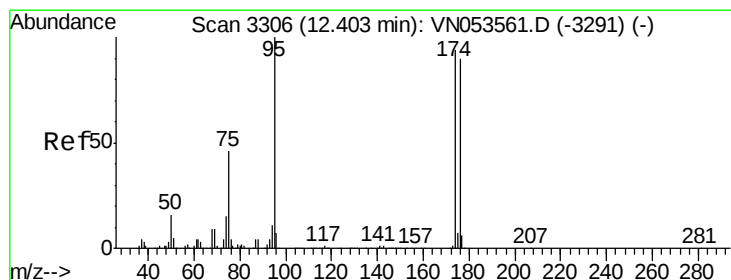
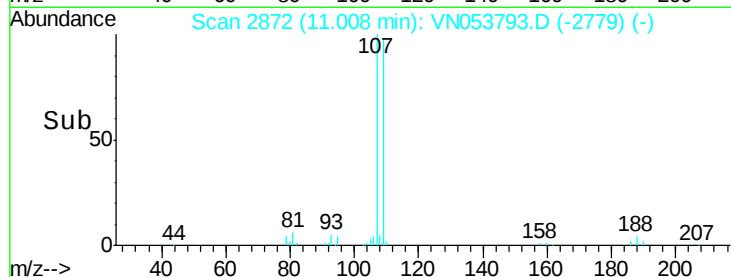
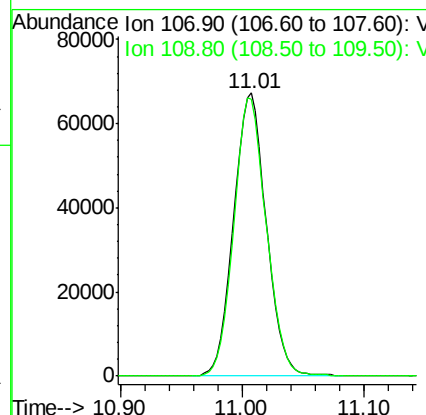
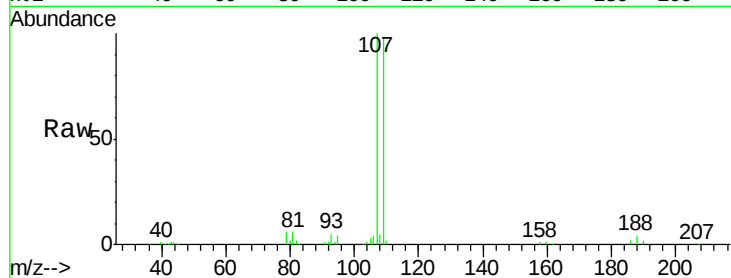




#61
 1,2-Dibromoethane
 Concen: 21.067 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

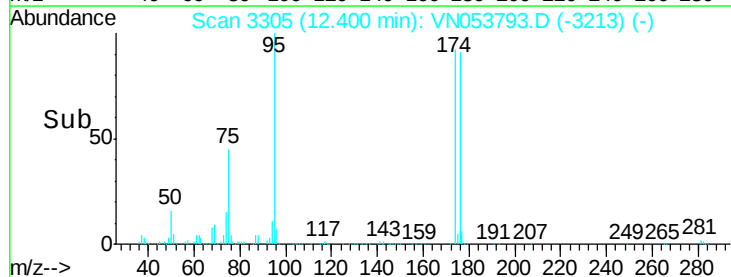
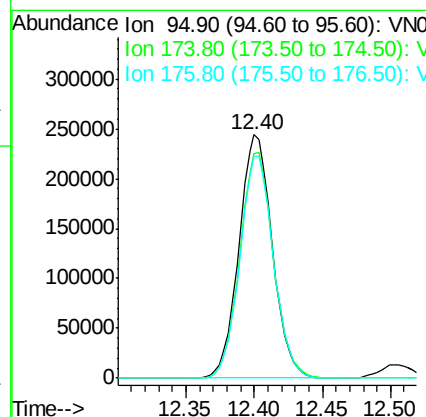
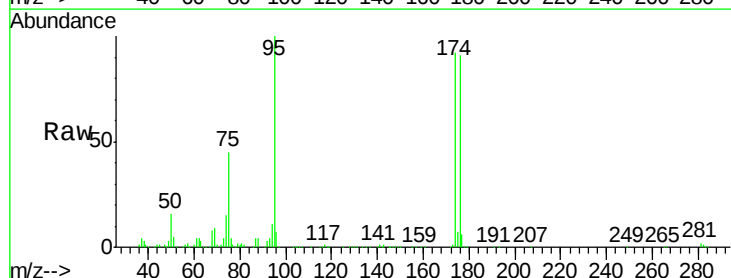
Instrument :
 MSVOA_N
 ClientSampleId :

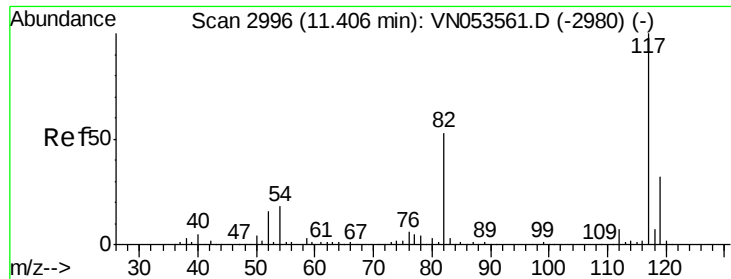
Tot Ion:107 Resp: 125275
 Ion Ratio Lower Upper
 107 100
 109 97.8 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.728 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Tgt Ion: 95 Resp: 413657
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 183.2
 176 91.6 0.0 177.4

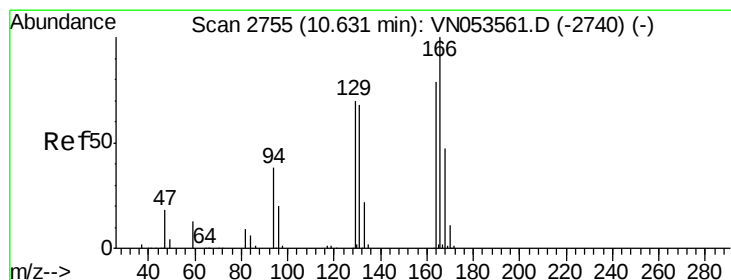
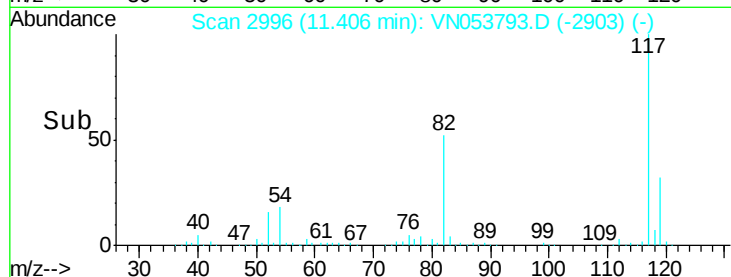
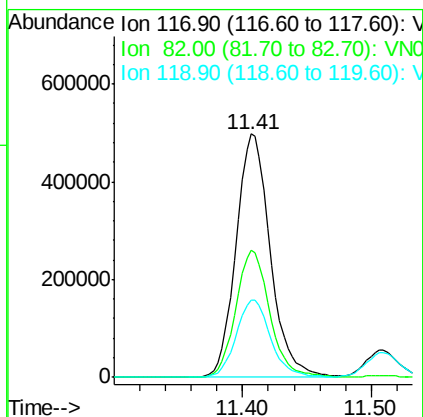
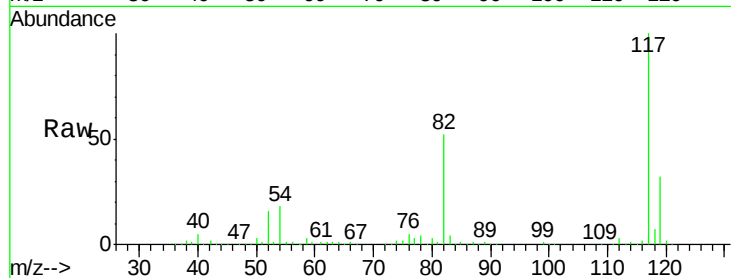




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

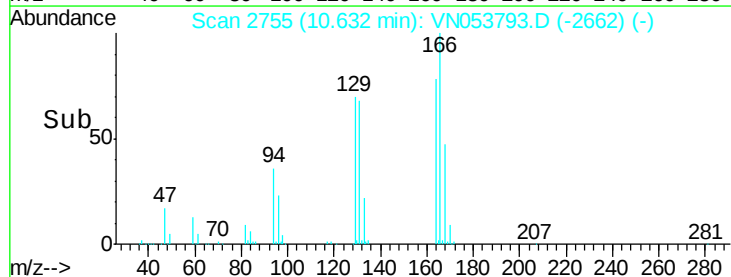
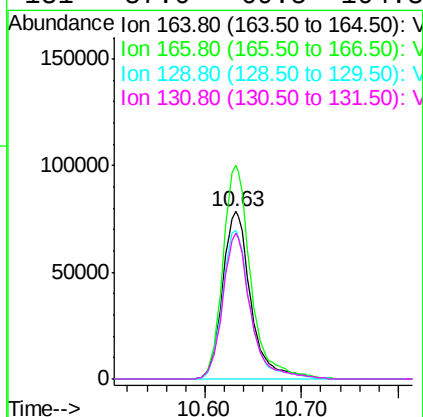
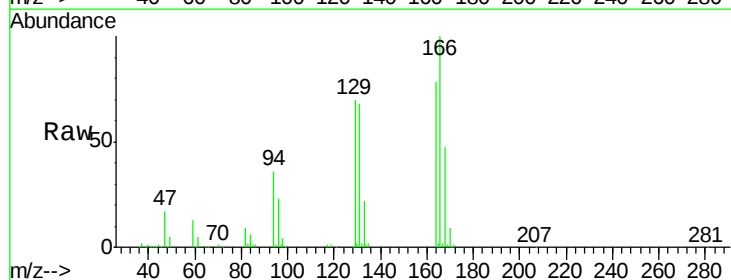
Instrument :
MSVOA_N
ClientSampled :

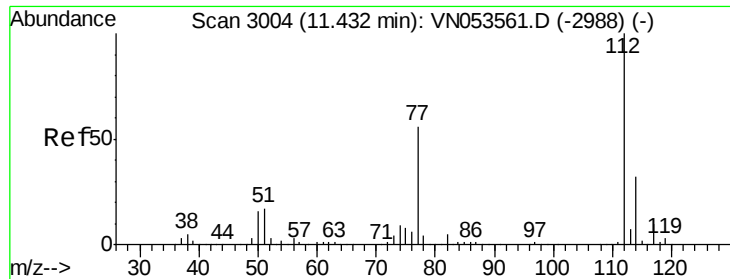
Tot Ion:117 Resp: 919367
Ion Ratio Lower Upper
117 100
82 52.0 42.9 64.3
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 20.226 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion:164 Resp: 159400
Ion Ratio Lower Upper
164 100
166 127.8 102.2 153.4
129 88.9 72.6 109.0
131 87.0 69.5 104.3

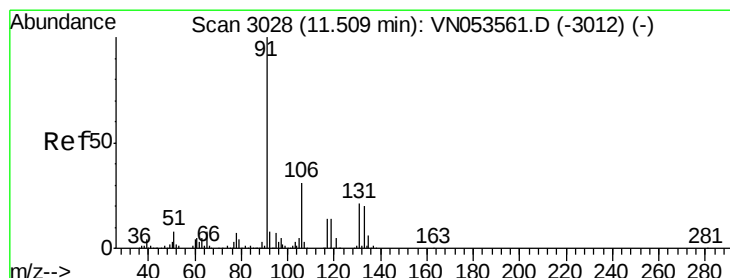
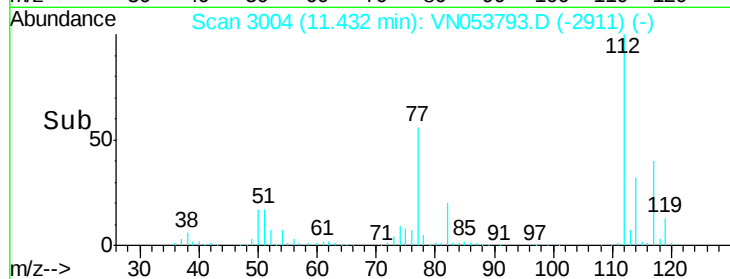
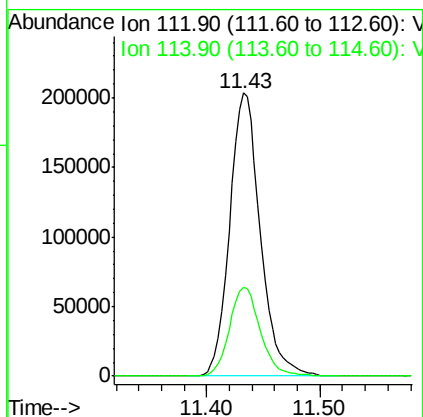
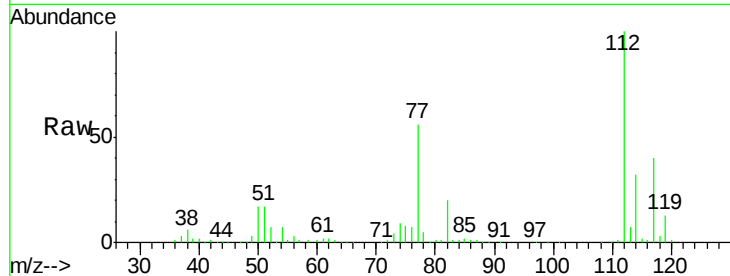




#65
Chlorobenzene
Concen: 19.593 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

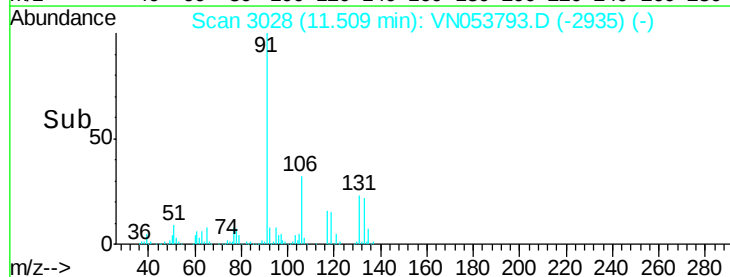
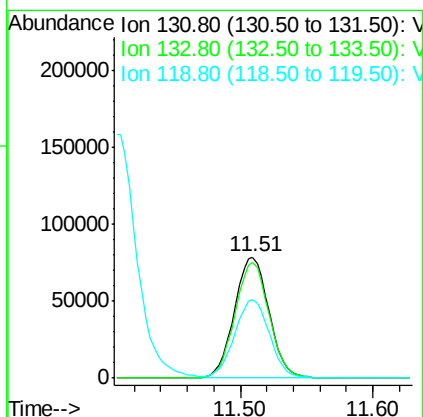
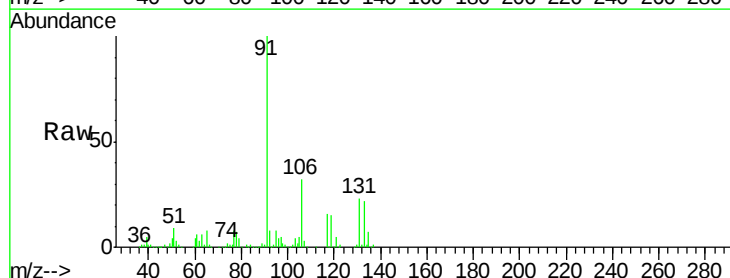
Instrument :
MSVOA_N
ClientSampled :

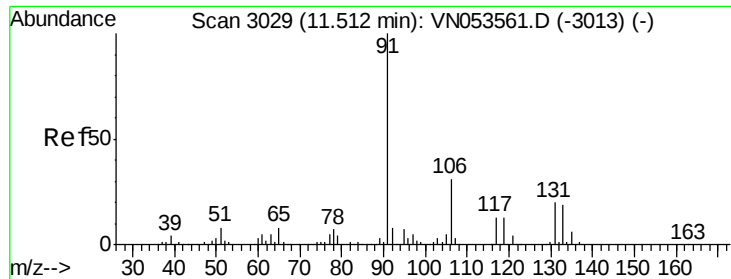
Tot Ion:112 Resp: 382618
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.950 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion:131 Resp: 142882
Ion Ratio Lower Upper
131 100
133 94.1 48.0 144.0
119 65.9 33.5 100.5

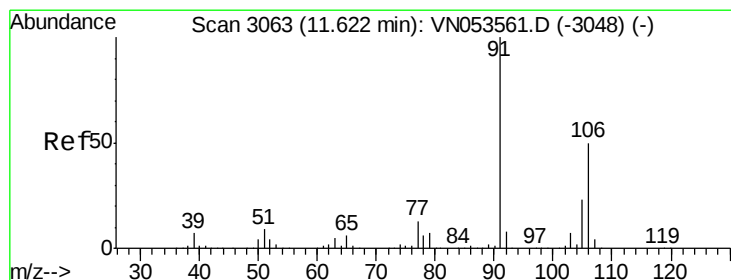
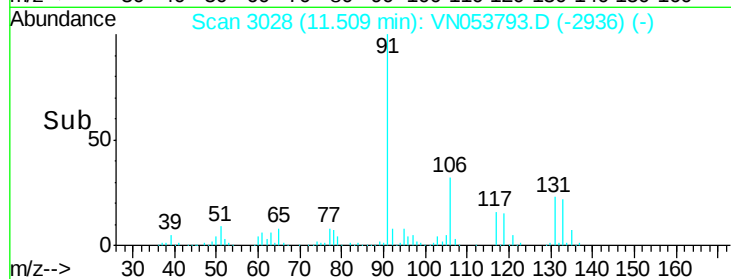
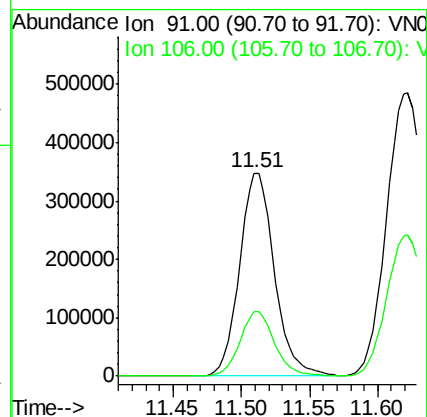
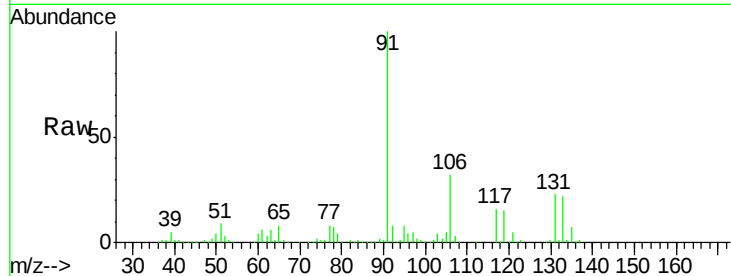




#67
Ethyl Benzene
Concen: 19.262 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

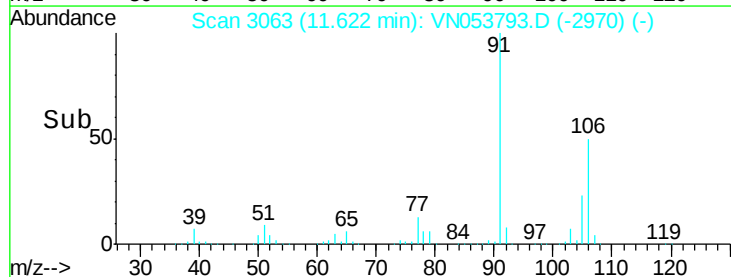
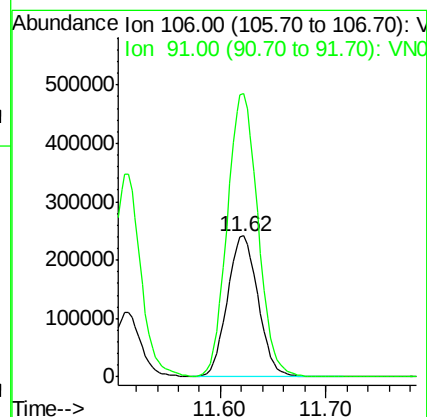
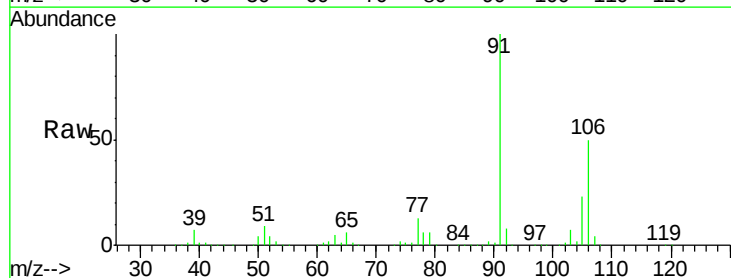
Instrument :
MSVOA_N
ClientSampled :

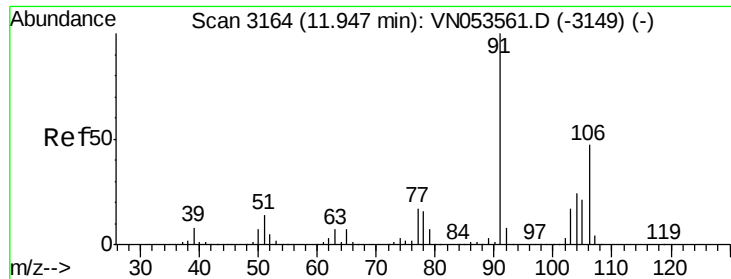
Tot Ion: 91 Resp: 617892
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 39.978 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 106 Resp: 489467
Ion Ratio Lower Upper
106 100
91 199.6 161.4 242.2

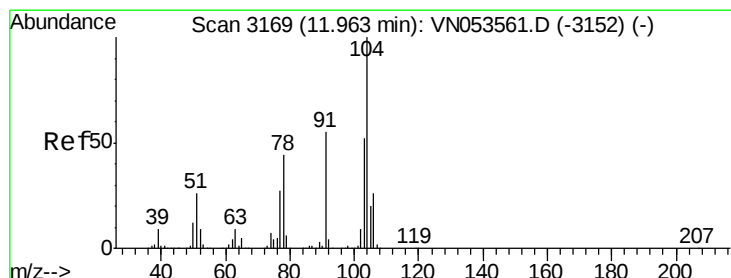
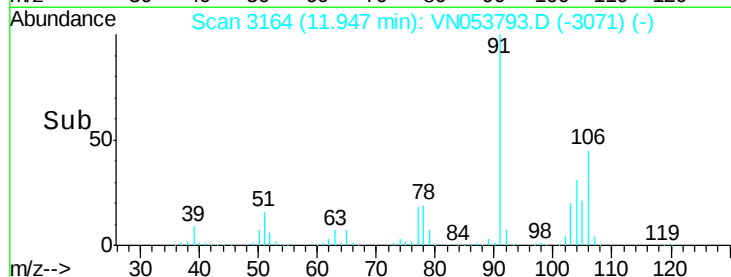
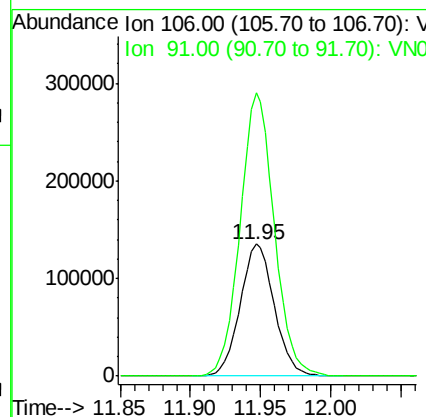
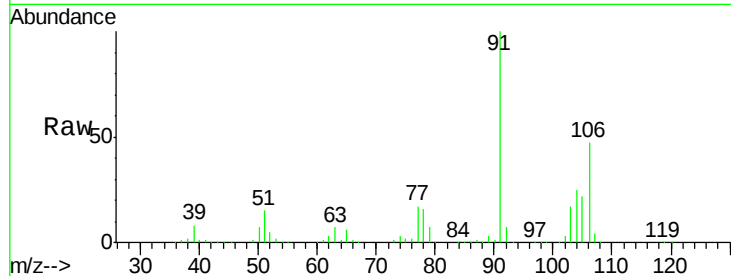




#69
o-Xylene
Concen: 19.432 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

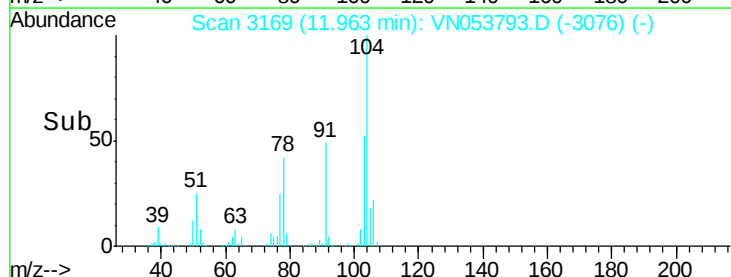
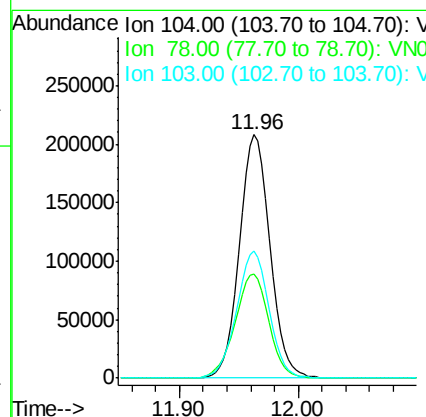
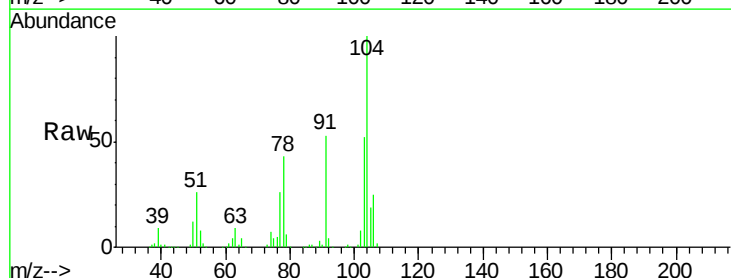
Instrument :
MSVOA_N
ClientSampled :

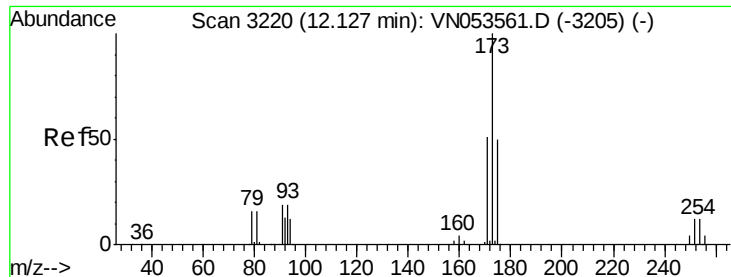
Tot Ion:106 Resp: 229850
Ion Ratio Lower Upper
106 100
91 213.6 106.9 320.8



#70
Styrene
Concen: 19.334 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion:104 Resp: 370658
Ion Ratio Lower Upper
104 100
78 47.3 38.2 57.2
103 55.5 44.4 66.6





#71

Bromoform

Concen: 20.813 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampled :

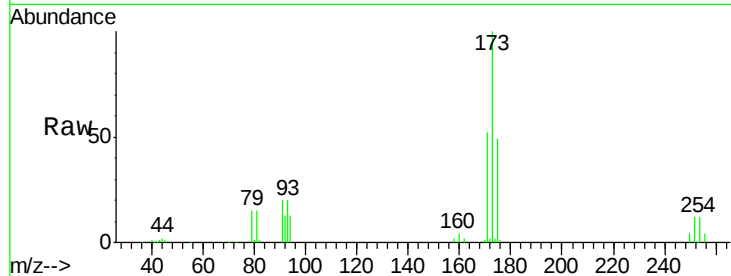
Tot Ion:173 Resp: 97317

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

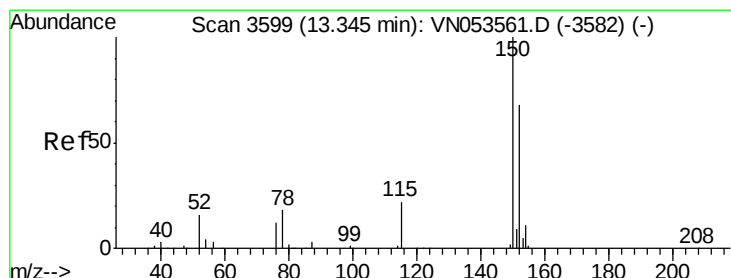
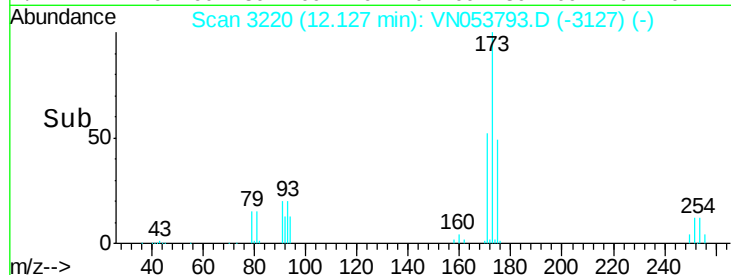
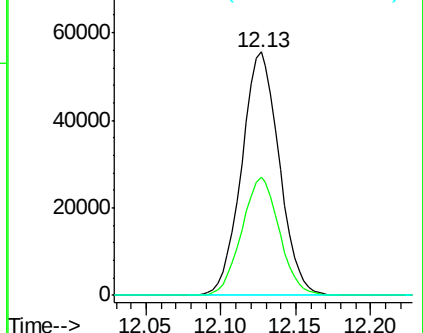
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

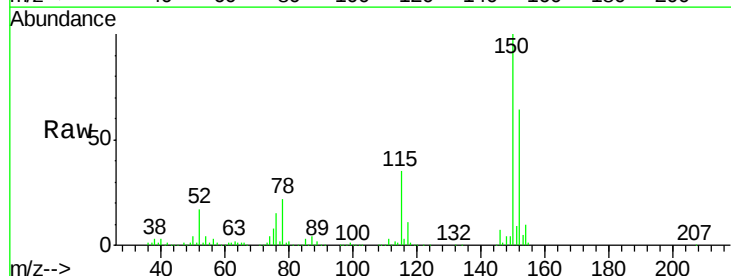
Tgt Ion:152 Resp: 411389

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

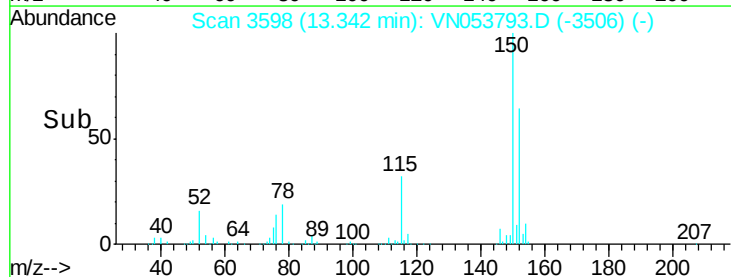
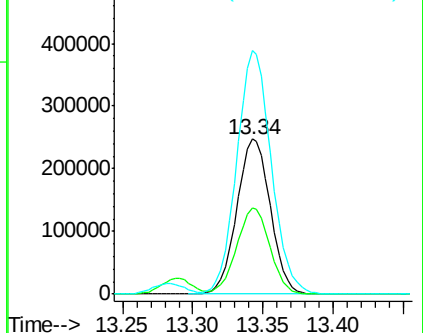
150 162.2 0.0 349.0

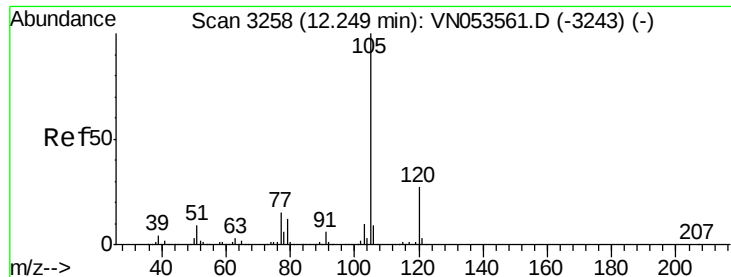


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.188 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

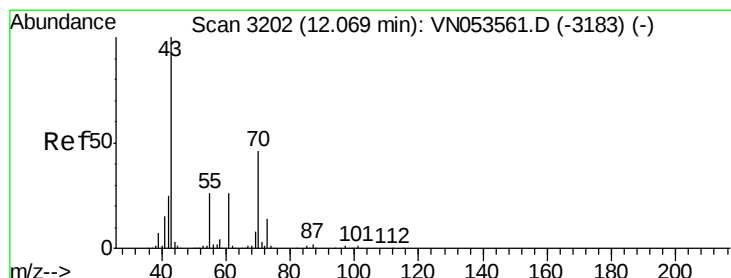
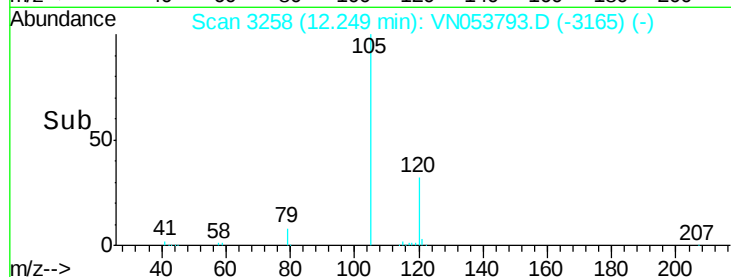
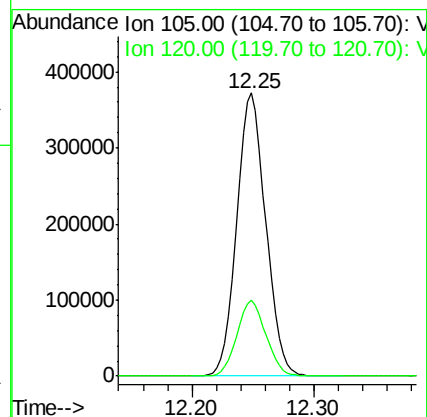
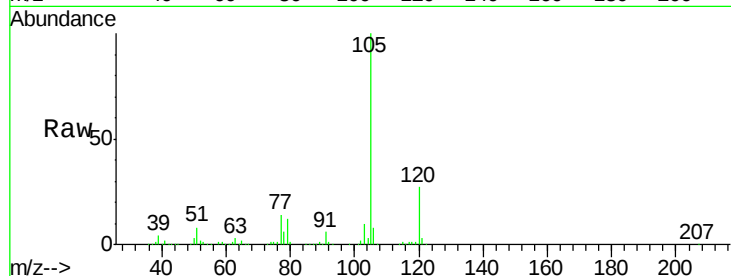
ClientSampleId :

Tot Ion:105 Resp: 612755

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



#74

N-ethyl acetate

Concen: 20.798 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Tgt Ion: 43 Resp: 144633

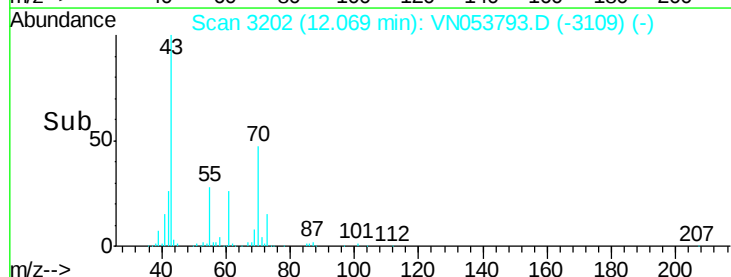
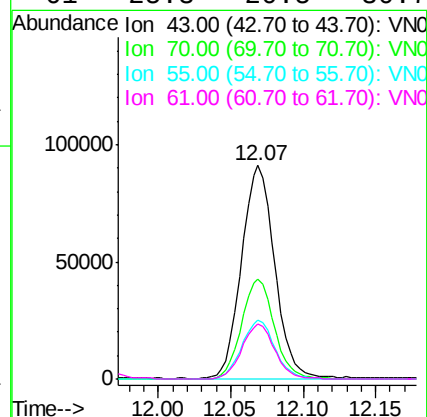
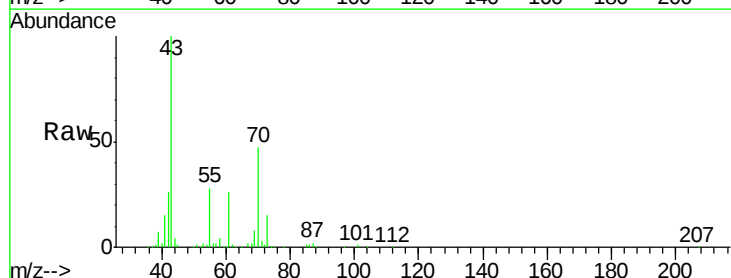
Ion Ratio Lower Upper

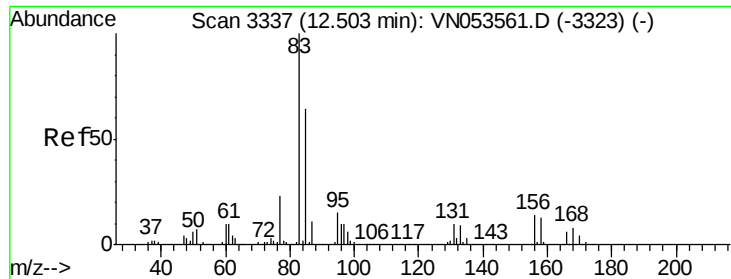
43 100

70 46.3 35.4 53.2

55 27.6 20.9 31.3

61 25.3 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.674 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

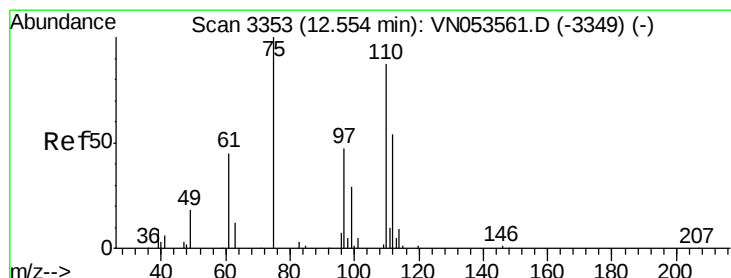
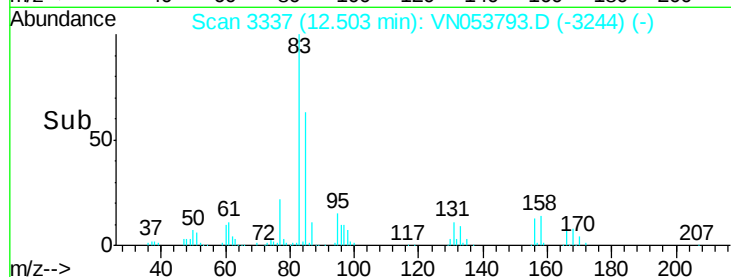
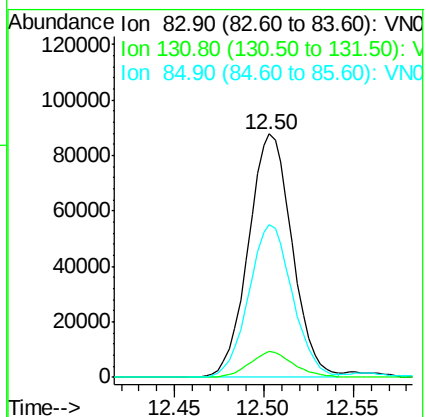
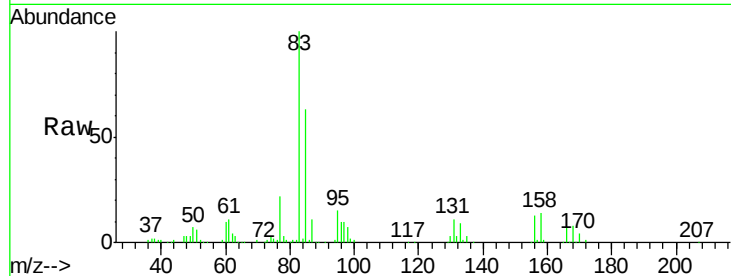
Tot Ion: 83 Resp: 150010

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

85 62.8 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 33.741 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053793.D

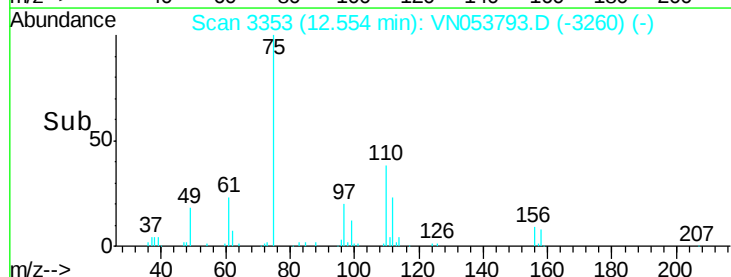
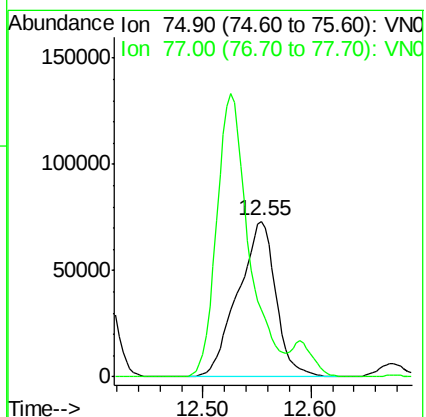
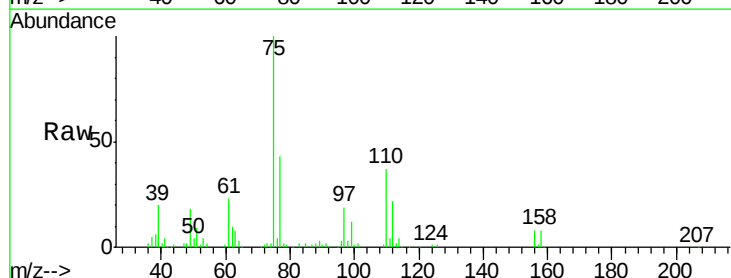
Acq: 15 Feb 2019 12:10

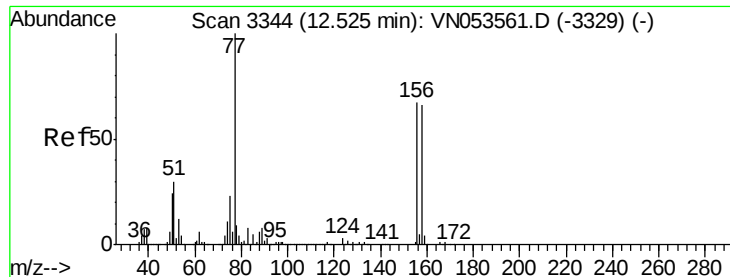
Tgt Ion: 75 Resp: 178287

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.582 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

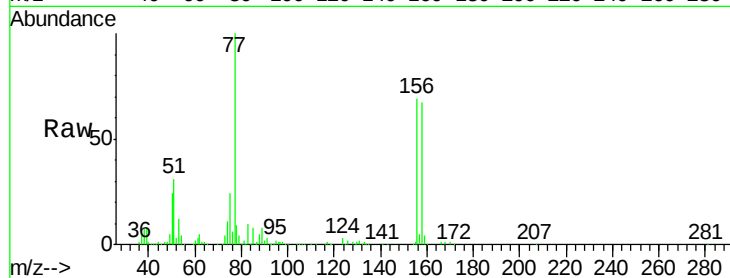
Tot Ion:156 Resp: 160423

Ion Ratio Lower Upper

156 100

77 172.9 87.9 263.8

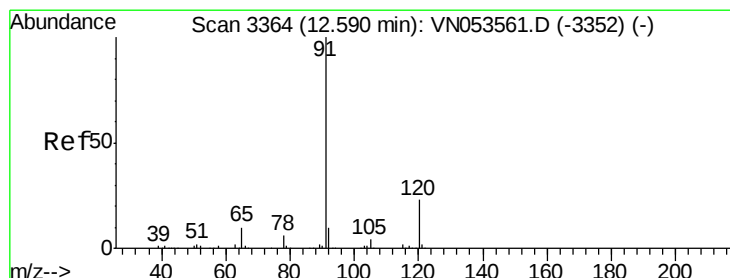
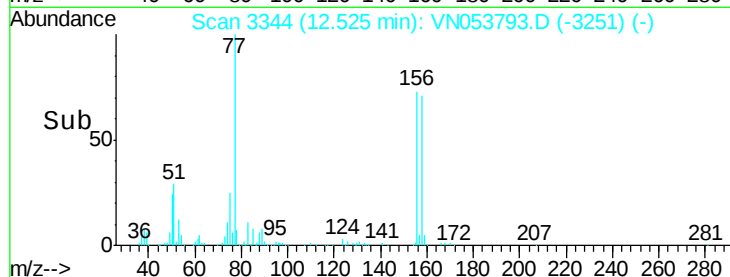
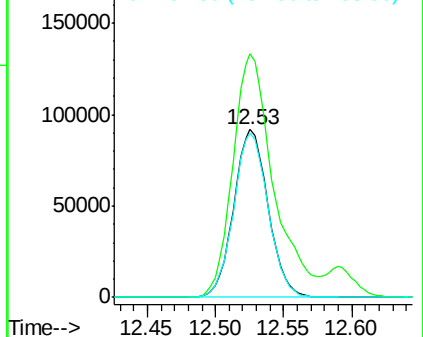
158 98.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.740 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053793.D

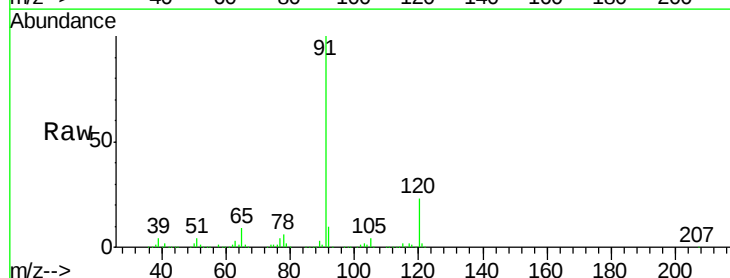
Acq: 15 Feb 2019 12:10

Tgt Ion: 91 Resp: 693376

Ion Ratio Lower Upper

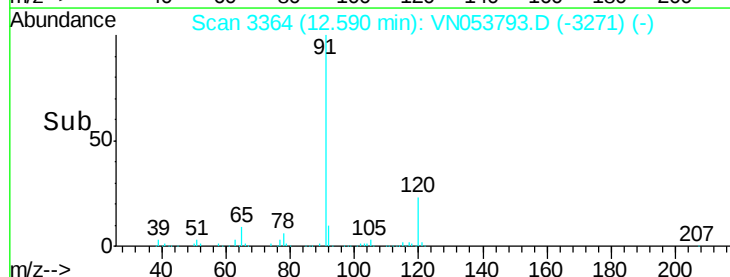
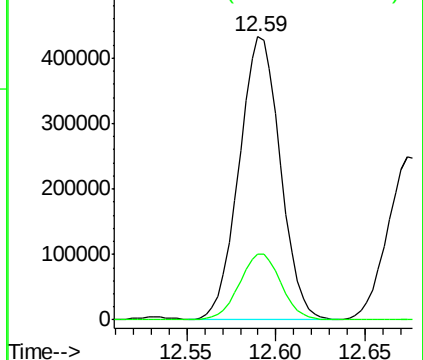
91 100

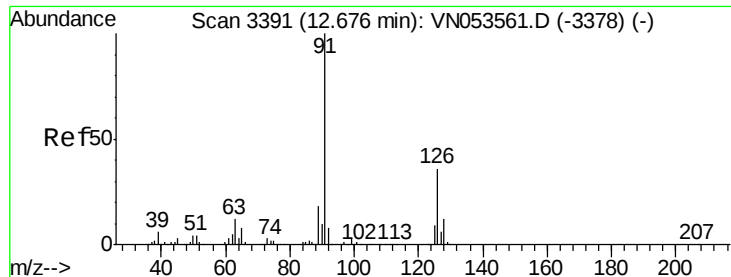
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.933 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

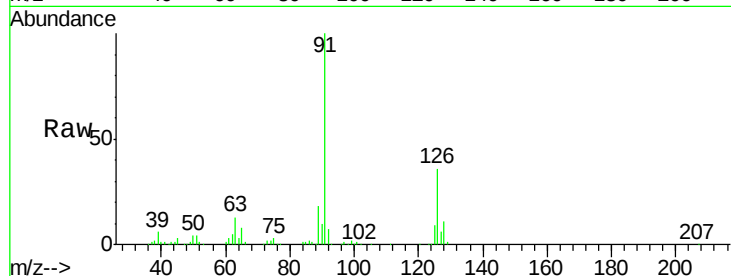
ClientSampled :

Tot Ion: 91 Resp: 415187

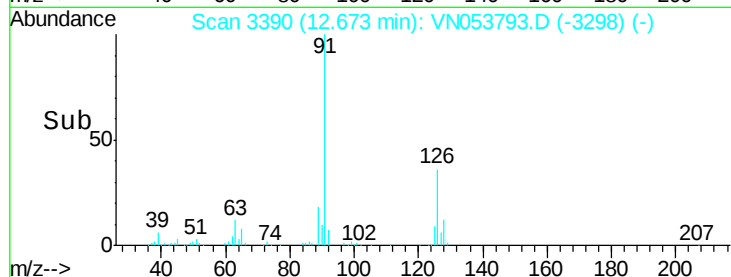
Ion Ratio Lower Upper

91 100

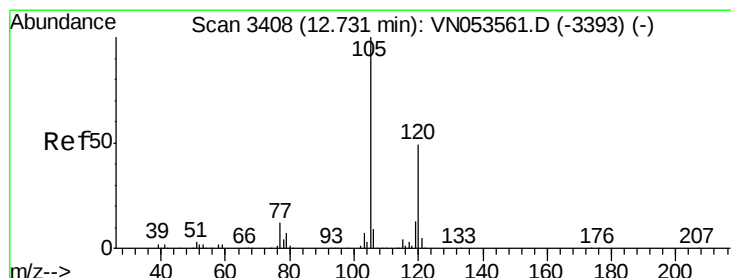
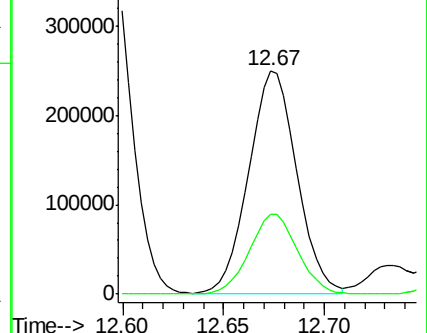
126 36.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN053793.D (-3298) (-)



Ion 125.90 (125.60 to 126.60): VN053793.D (-3298) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.442 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053793.D

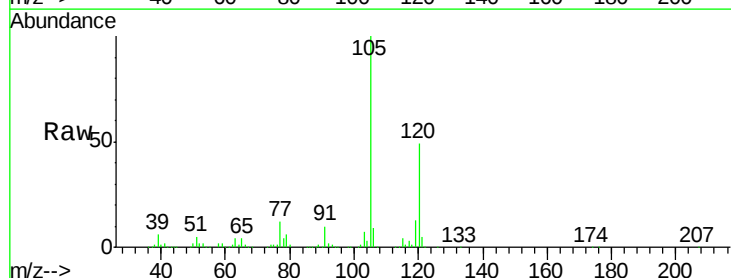
Acq: 15 Feb 2019 12:10

Tgt Ion: 105 Resp: 514215

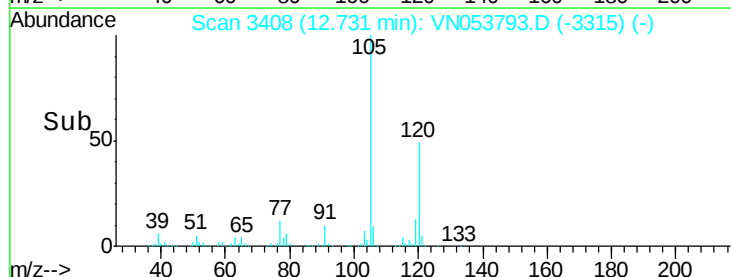
Ion Ratio Lower Upper

105 100

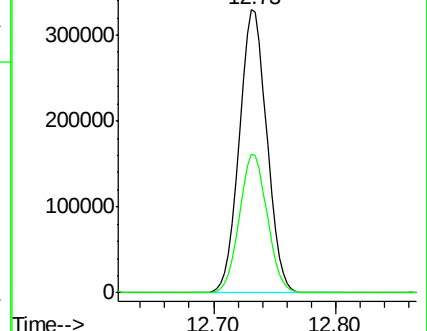
120 49.6 24.9 74.6

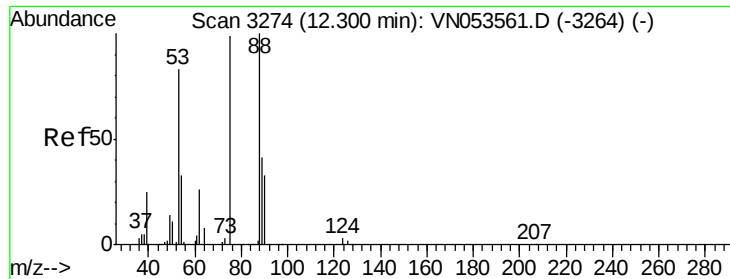


Abundance Ion 105.00 (104.70 to 105.70): VN053793.D (-3315) (-)



Ion 120.00 (119.70 to 120.70): VN053793.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.875 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

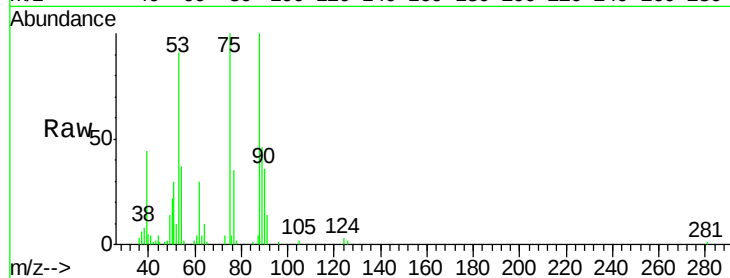
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 37349

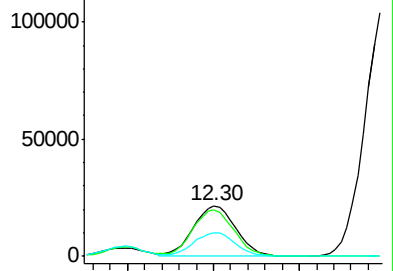
Ion	Ratio	Lower	Upper
75	100		
53	87.5	69.8	104.6
89	46.0	35.6	53.4



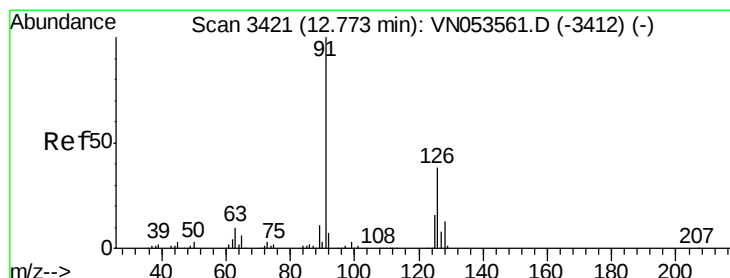
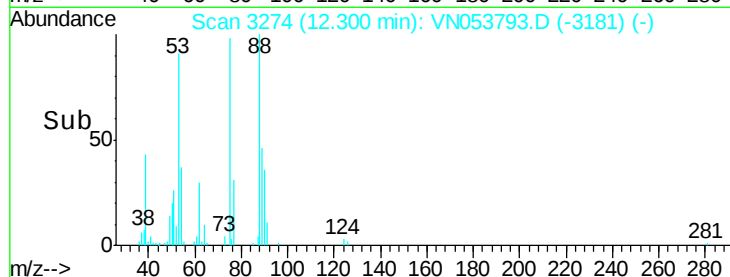
Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



Time-->



#82

4-Chlorotoluene

Concen: 20.203 ug/l

RT: 12.77 min Scan# 3421

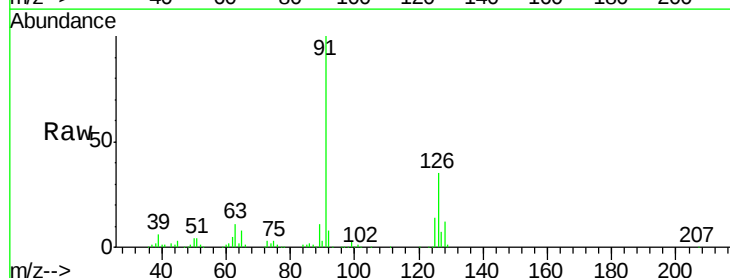
Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

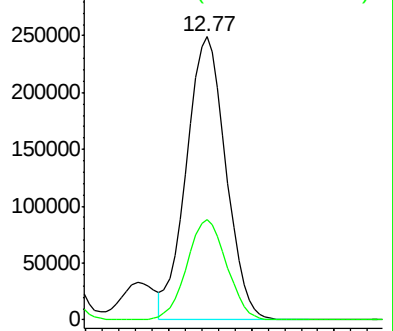
Tgt Ion: 91 Resp: 411188

Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.6	52.9

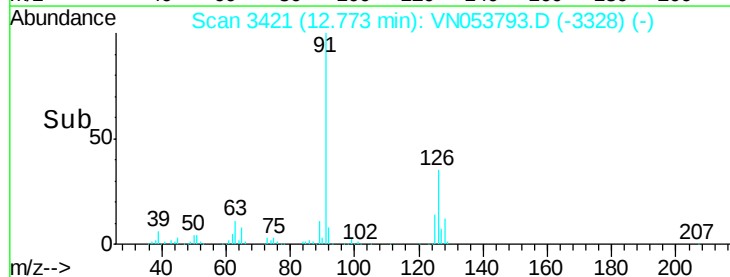


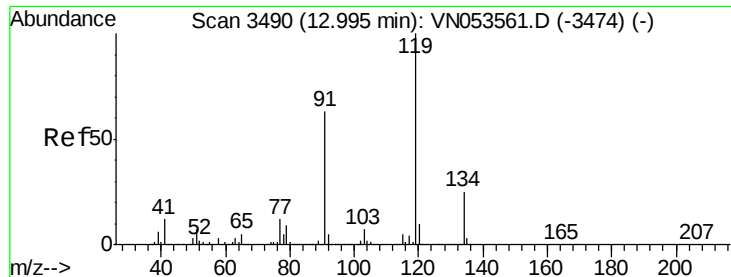
Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO



Time-->

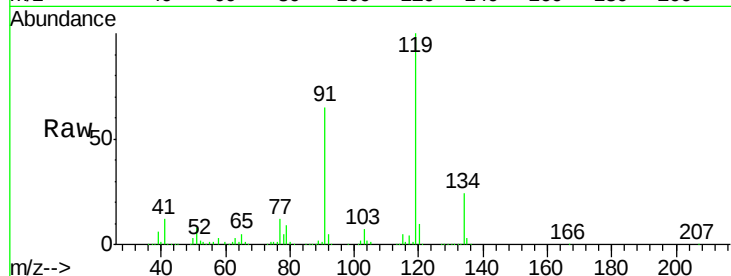




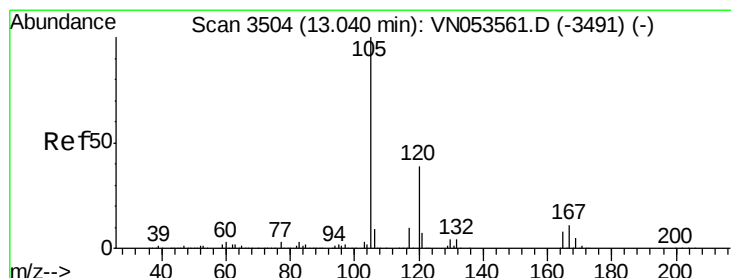
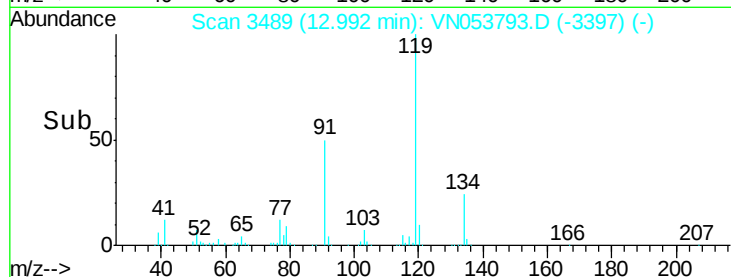
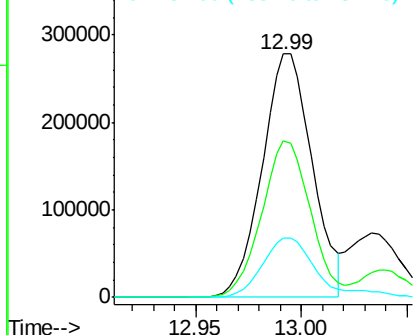
#83
tert-Butylbenzene
Concen: 21.698 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 459905
Ion Ratio Lower Upper
119 100
91 62.6 31.3 93.8
134 26.7 12.9 38.7

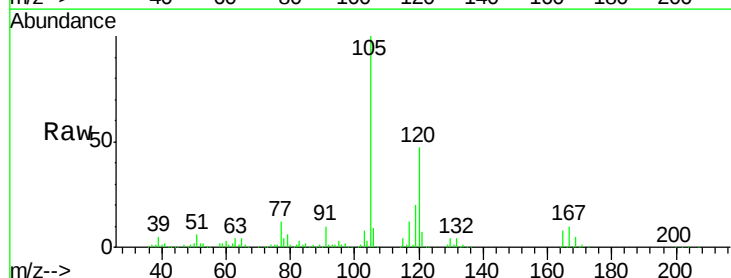


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

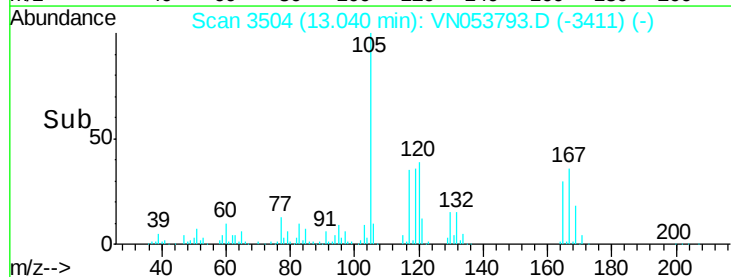
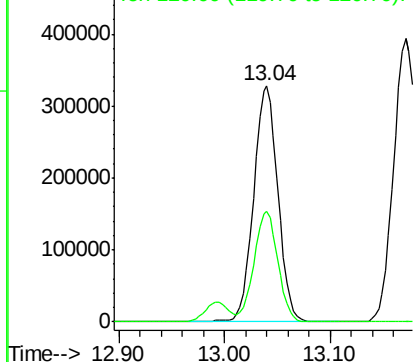


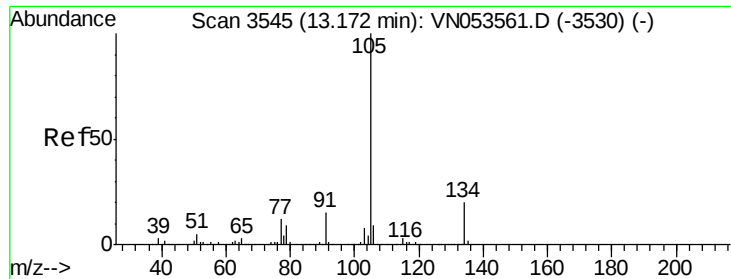
#84
1,2,4-Trimethylbenzene
Concen: 21.538 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion:105 Resp: 526237
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 21.665 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

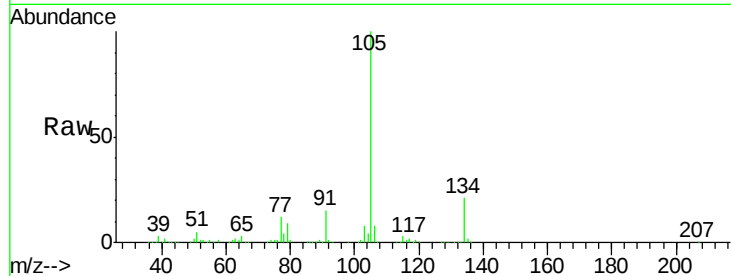
ClientSampled :

Tot Ion:105 Resp: 624888

Ion Ratio Lower Upper

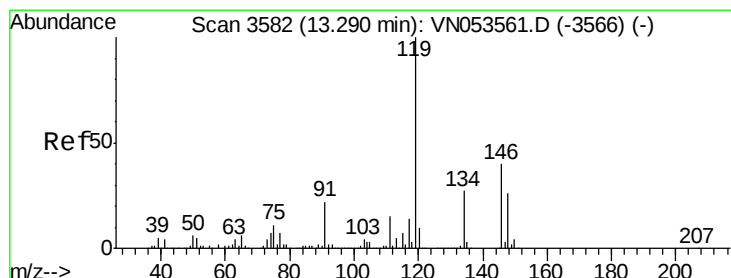
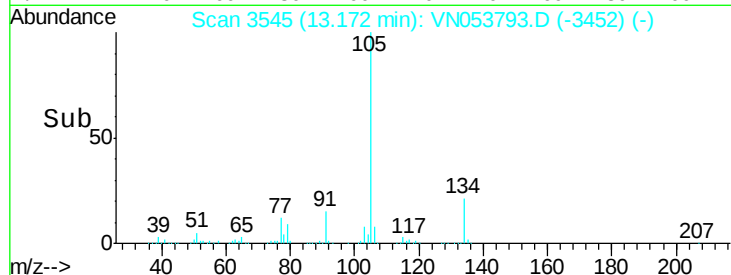
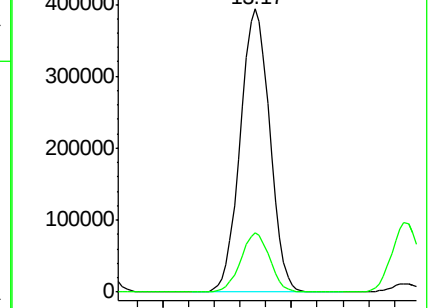
105 100

134 20.5 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.285 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

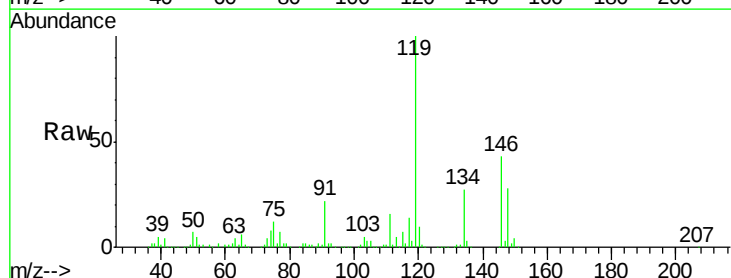
Tgt Ion:119 Resp: 536925

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

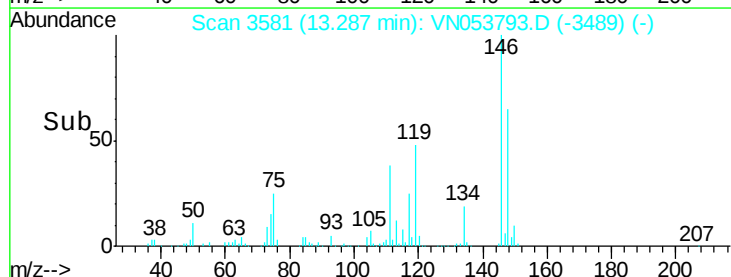
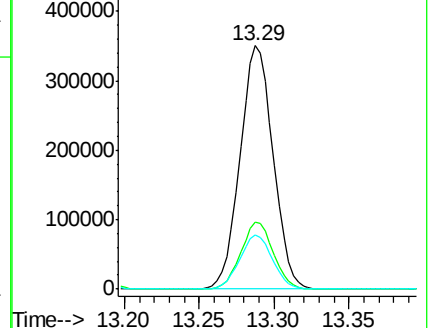
91 22.1 11.0 33.0

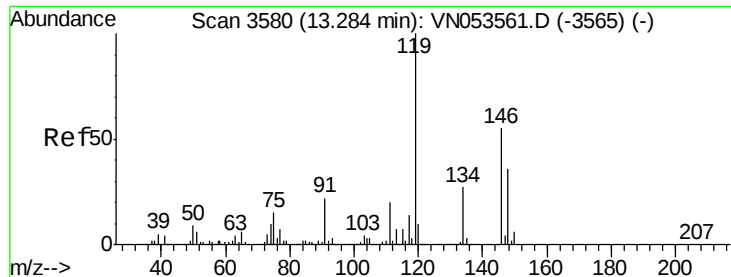


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

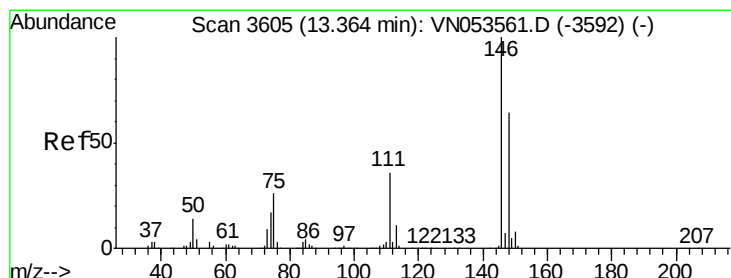
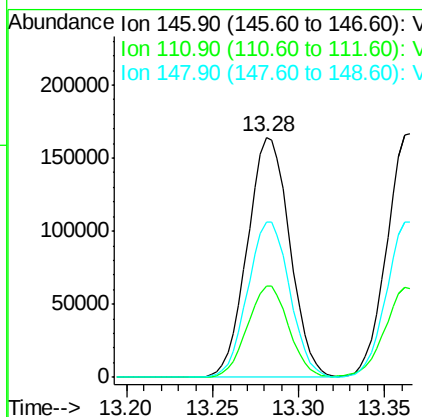
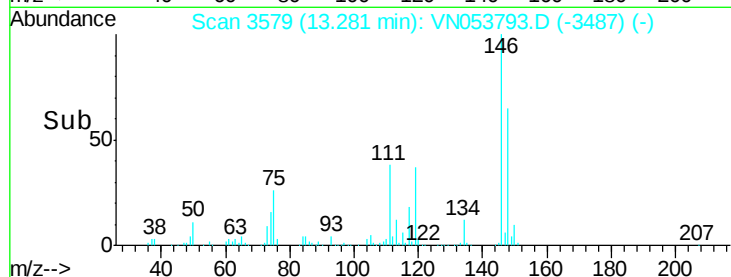
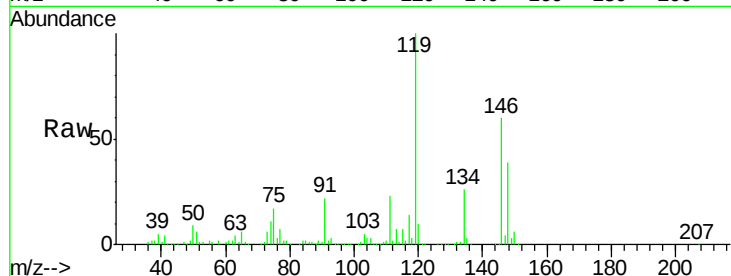




#87
 1,3-Dichlorobenzene
 Concen: 20.102 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

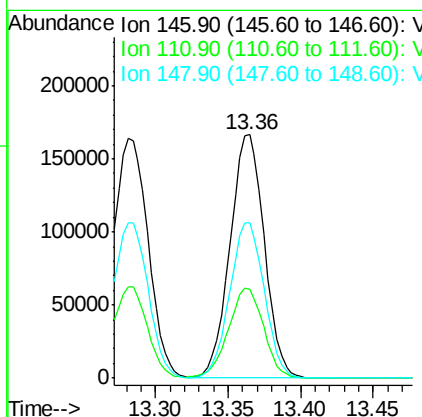
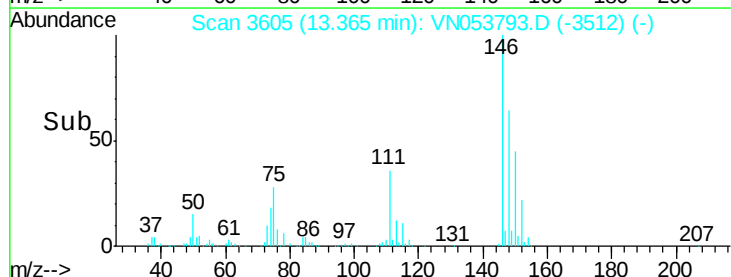
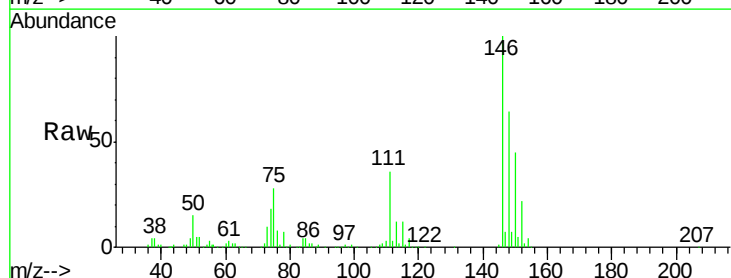
Instrument :
 MSVOA_N
 ClientSampleId :

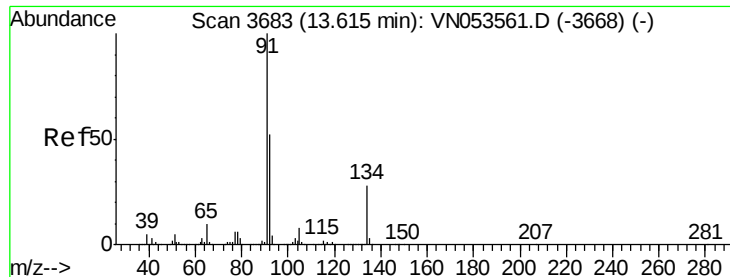
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	64.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.752 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	55.8
148	64.2	32.4	97.0

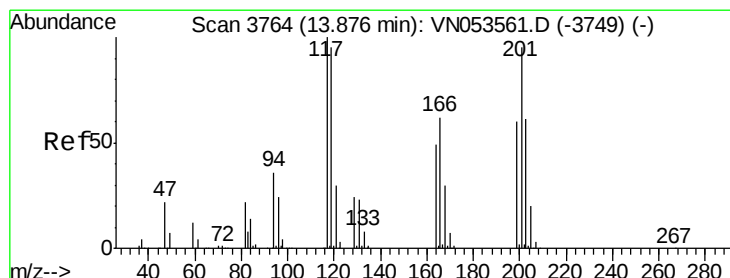
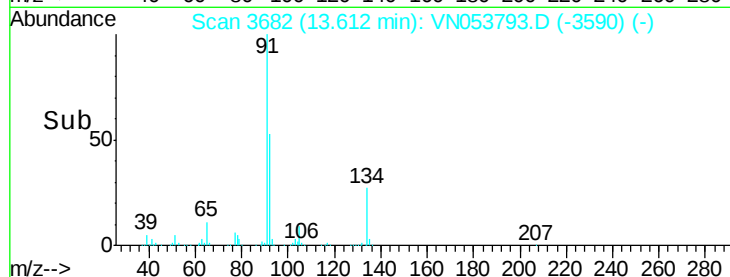
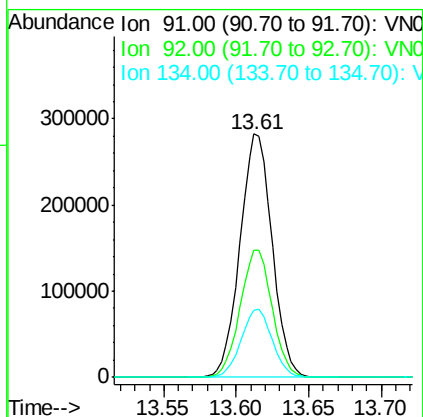
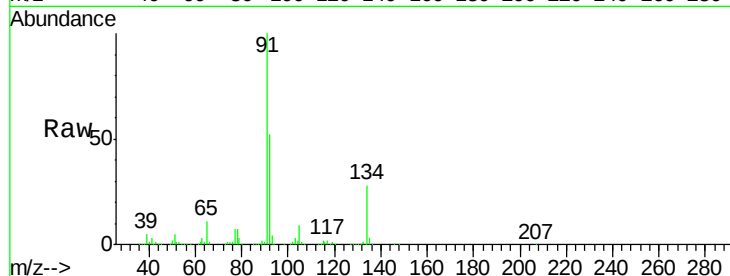




#89
n-Butylbenzene
Concen: 19.952 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

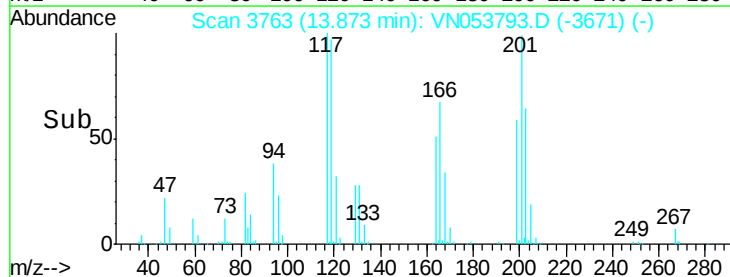
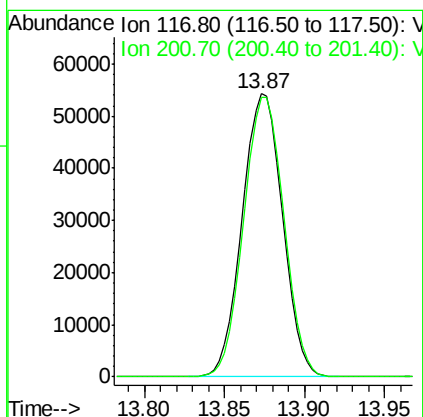
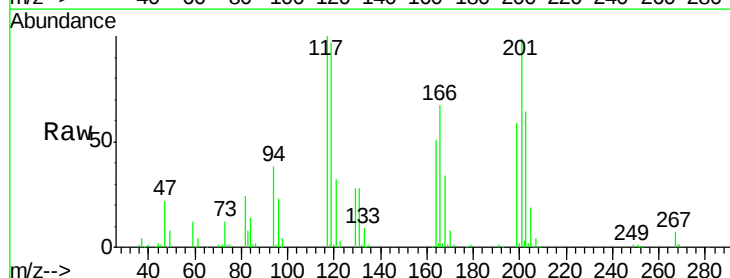
Instrument :
MSVOA_N
ClientSampled :

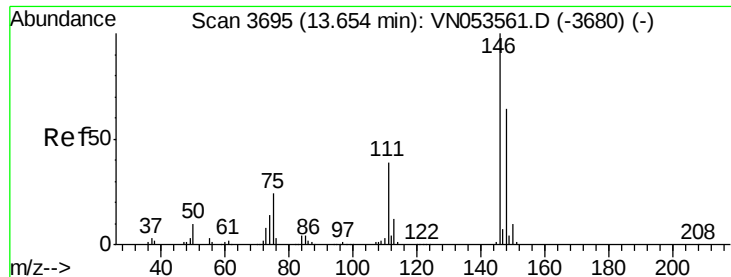
Tot Ion: 91 Resp: 435638
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.8
134 27.2 13.5 40.5



#90
Hexachloroethane
Concen: 22.496 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053793.D
Acq: 15 Feb 2019 12:10

Tgt Ion: 117 Resp: 93604
Ion Ratio Lower Upper
117 100
201 98.4 46.8 140.4





#91

1,2-Dichlorobenzene

Concen: 20.749 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN053793.D

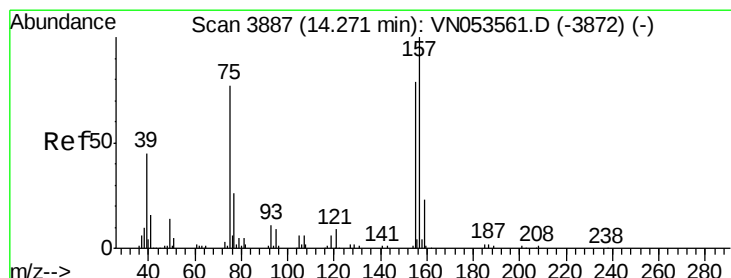
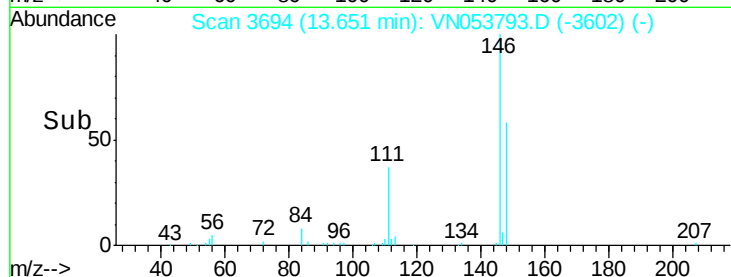
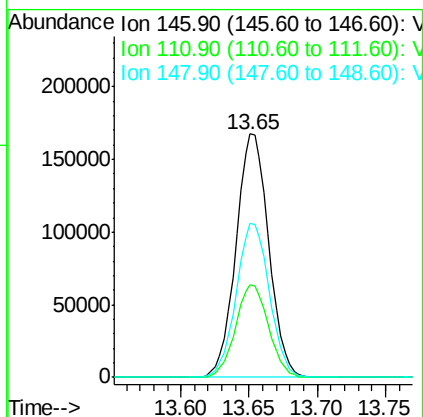
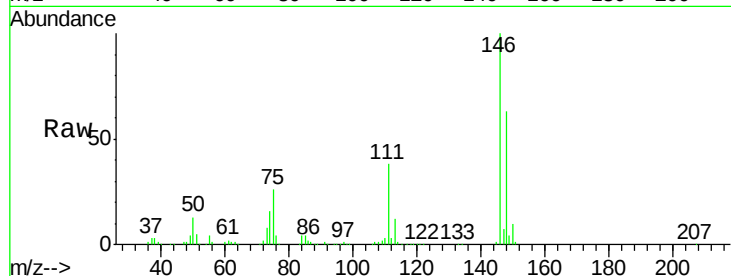
Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	278322
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.5	58.5
148	64.2	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.107 ug/l

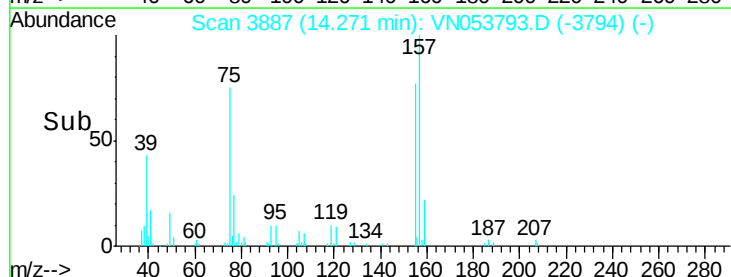
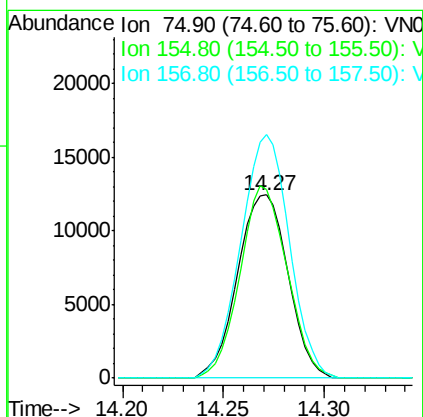
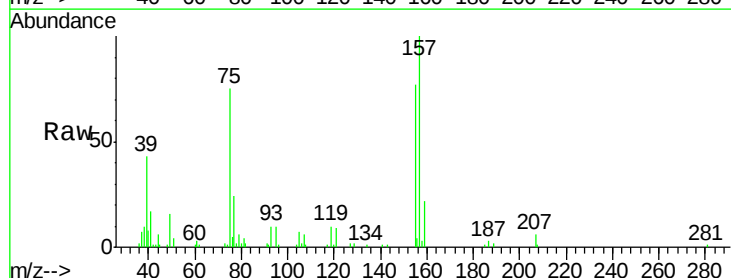
RT: 14.27 min Scan# 3887

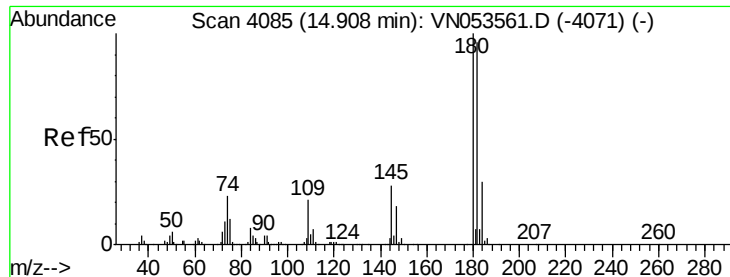
Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Tgt Ion:	75	Resp:	21807
Ion	Ratio	Lower	Upper
75	100		
155	98.2	48.9	146.7
157	128.5	63.7	191.3

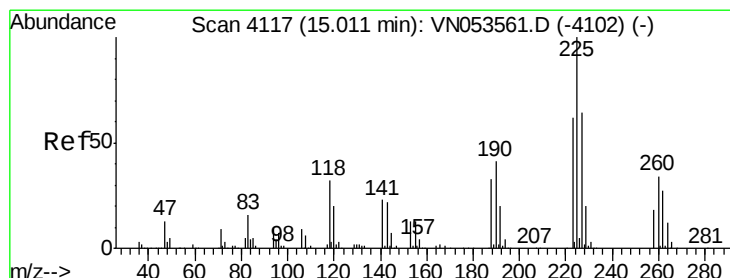
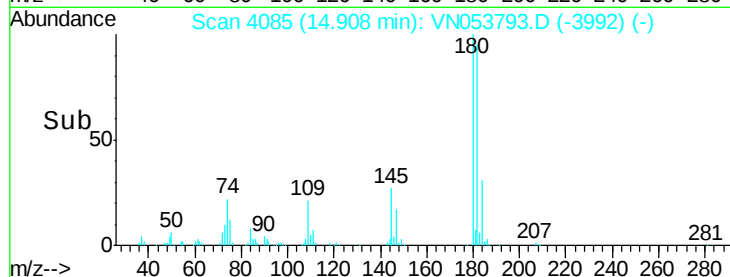
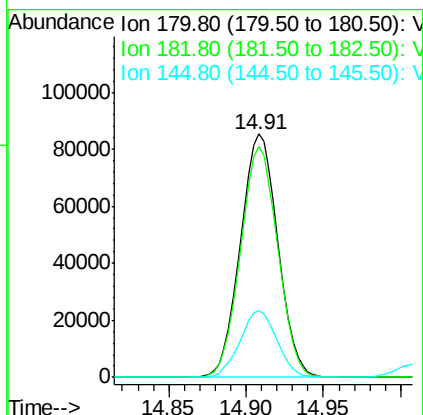
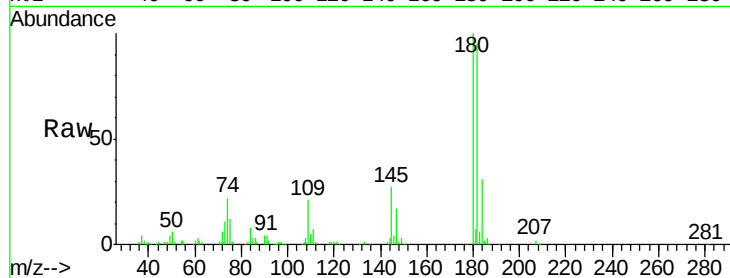




#93
 1,2,4-Trichlorobenzene
 Concen: 18.667 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

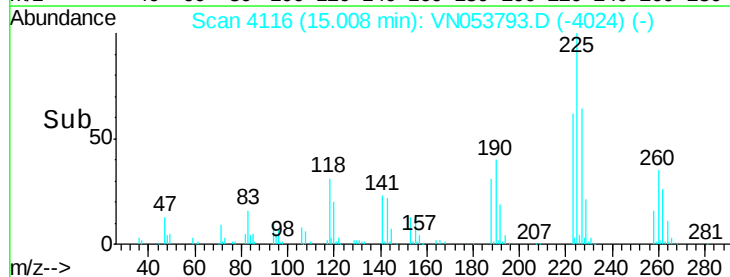
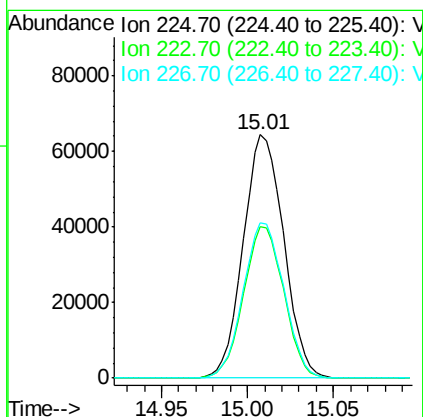
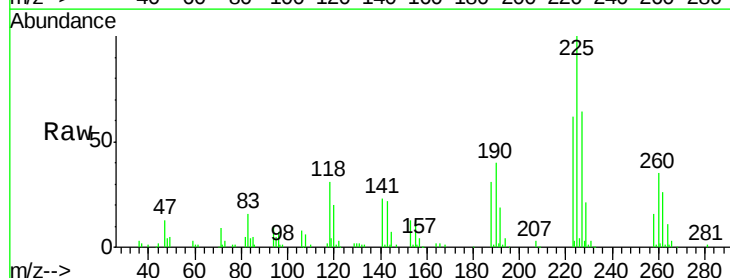
Instrument :
 MSVOA_N
 ClientSampled :

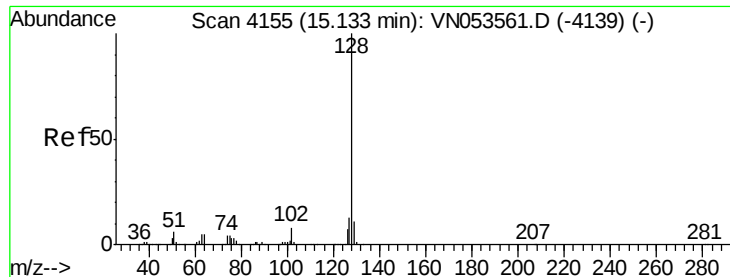
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.1	144.3
145	27.1	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 22.030 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053793.D
 Acq: 15 Feb 2019 12:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.1	93.2
227	63.8	32.0	96.2





#95

Naphthalene

Concen: 16.878 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

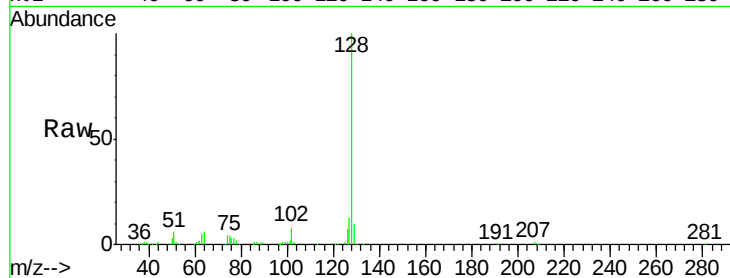
Tot Ion:128 Resp: 283483

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

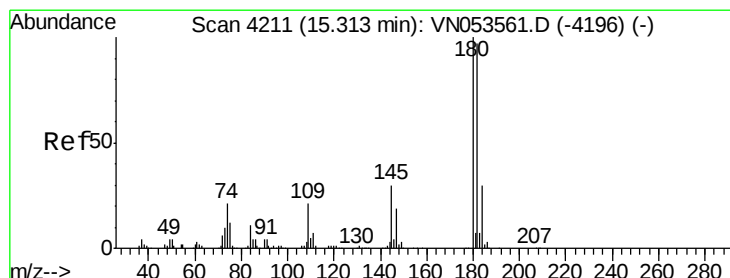
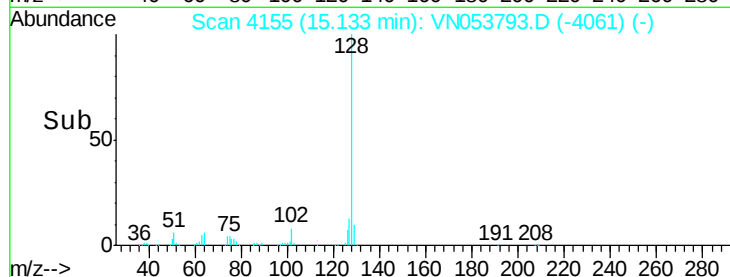
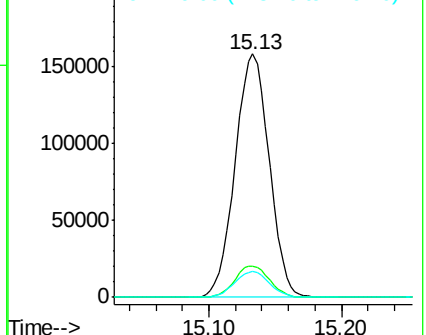
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.988 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053793.D

Acq: 15 Feb 2019 12:10

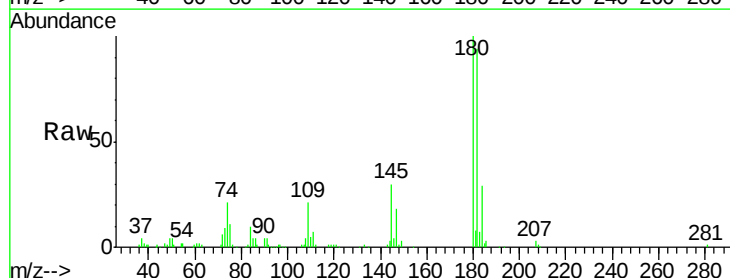
Tgt Ion:180 Resp: 142681

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 29.6 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

