

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058156.D
 Acq On : 18 Sep 2019 10:49
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 01:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 01:40:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	573329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	965146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	884216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	445226	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	813337	74.76	ug/l	0.00
Spiked Amount			Recovery	=	149.52%	
35) Dibromofluoromethane	7.57	113	592751	71.12	ug/l	0.00
Spiked Amount			Recovery	=	142.24%	
50) Toluene-d8	10.08	98	2286362	71.00	ug/l	0.00
Spiked Amount			Recovery	=	142.00%	
62) 4-Bromofluorobenzene	12.40	95	875741	70.73	ug/l	0.00
Spiked Amount			Recovery	=	141.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	447308	61.069	ug/l	97
3) Chloromethane	2.04	50	356419	48.020	ug/l	99
4) Vinyl Chloride	2.17	62	391441	49.887	ug/l	98
5) Bromomethane	2.54	94	204382	44.081	ug/l	98
6) Chloroethane	2.68	64	249532	49.641	ug/l	99
7) Trichlorofluoromethane	3.00	101	577509	57.858	ug/l	99
8) Diethyl Ether	3.39	74	274226	64.637	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	427769	67.071	ug/l	100
10) Methyl Iodide	3.93	142	406327	60.093	ug/l	98
11) Tert butyl alcohol	4.76	59	488502	377.476	ug/l	99
12) 1,1-Dichloroethene	3.72	96	350747	61.330	ug/l	98
13) Acrolein	3.59	56	68963	70.475	ug/l	99
14) Allyl chloride	4.30	41	742533	66.023	ug/l	99
15) Acrylonitrile	4.96	53	1304082	358.795	ug/l	100
16) Acetone	3.79	43	1310306	366.759	ug/l	99
17) Carbon Disulfide	4.03	76	483355	46.363	ug/l	99
18) Methyl Acetate	4.30	43	681247	71.249	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	1751959	73.215	ug/l	99
20) Methylene Chloride	4.53	84	471336	60.695	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	384944	62.263	ug/l	97
22) Diisopropyl ether	5.93	45	1915922	72.648	ug/l	99
23) Vinyl Acetate	5.87	43	6574189	353.785	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	994118	69.070	ug/l	99
25) 2-Butanone	6.81	43	1916318	370.320	ug/l	98
26) 2,2-Dichloropropane	6.80	77	862792	75.538	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	558253	67.048	ug/l	98
28) Bromochloromethane	7.18	49	487571	67.833	ug/l #	99
29) Tetrahydrofuran	7.19	42	1131763	354.892	ug/l	99
30) Chloroform	7.36	83	1061556	70.348	ug/l	99
31) Cyclohexane	7.64	56	646500	60.978	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	858922	71.821	ug/l	100
36) 1,1-Dichloropropene	7.78	75	635672	60.605	ug/l	99
37) Ethyl Acetate	6.91	43	721624	66.375	ug/l	99
38) Carbon Tetrachloride	7.76	117	691341	71.891	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	666599	60.608	ug/l	98
40) Benzene	8.03	78	2017893	63.901	ug/l	100
41) Methacrylonitrile	7.16	41	386331	78.367	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	852484	67.277	ug/l	100
43) Isopropyl Acetate	8.15	43	1322111	72.286	ug/l	100
44) Trichloroethene	8.82	130	503760	64.856	ug/l	100
45) 1,2-Dichloropropane	9.11	63	619095	67.122	ug/l	98
46) Dibromomethane	9.20	93	378469	67.976	ug/l	99
47) Bromodichloromethane	9.40	83	855171	77.134	ug/l	100
48) Methyl methacrylate	9.19	41	632971	68.611	ug/l	100
49) 1,4-Dioxane	9.19	88	199294	1271.278	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	3519386	328.857	ug/l	93
52) Toluene	10.15	92	1300349	65.451	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	921839	79.118	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	968959	75.280	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	593996	70.493	ug/l	98
56) Ethyl methacrylate	10.43	69	924047	73.196	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1001992	68.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	2209753	375.198	ug/l	99
59) 2-Hexanone	10.75	43	2735860	341.928	ug/l	95
60) Dibromochloromethane	10.90	129	639409	81.838	ug/l	99
61) 1,2-Dibromoethane	11.00	107	559736	70.452	ug/l	99
64) Tetrachloroethene	10.63	164	397100	64.399	ug/l	99
65) Chlorobenzene	11.43	112	1494114	68.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	592228	78.203	ug/l	99
67) Ethyl Benzene	11.51	91	2557645	67.107	ug/l	94
68) m/p-Xylenes	11.62	106	1963975	140.729	ug/l	89
69) o-Xylene	11.95	106	991435	71.679	ug/l	95
70) Styrene	11.97	104	1781686	74.862	ug/l	100
71) Bromoform	12.13	173	416345	88.512	ug/l #	99
73) Isopropylbenzene	12.25	105	2664512	79.855	ug/l	96
74) N-amyl acetate	12.07	43	1260850	87.315	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	916726	81.649	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	1149285	118.964	ug/l #	100
77) Bromobenzene	12.53	156	665518	79.572	ug/l	98
78) n-propylbenzene	12.59	91	3007817	78.616	ug/l	95
79) 2-Chlorotoluene	12.68	91	1949810	80.434	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	2335535	82.750	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	274623	100.486	ug/l	96
82) 4-Chlorotoluene	12.78	91	2063558	82.881	ug/l	98
83) tert-Butylbenzene	13.00	119	2092875	83.452	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2351206	82.197	ug/l	97
85) sec-Butylbenzene	13.18	105	2713906	81.758	ug/l	97
86) p-Isopropyltoluene	13.29	119	2476029	84.769	ug/l	96
87) 1,3-Dichlorobenzene	13.29	146	1291501	84.533	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	1304176	83.806	ug/l	99
89) n-Butylbenzene	13.62	91	2387731	86.264	ug/l	95
90) Hexachloroethane	13.88	117	427564	97.874	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	1290177	84.297	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	182405	97.953	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 01:40:20 2019
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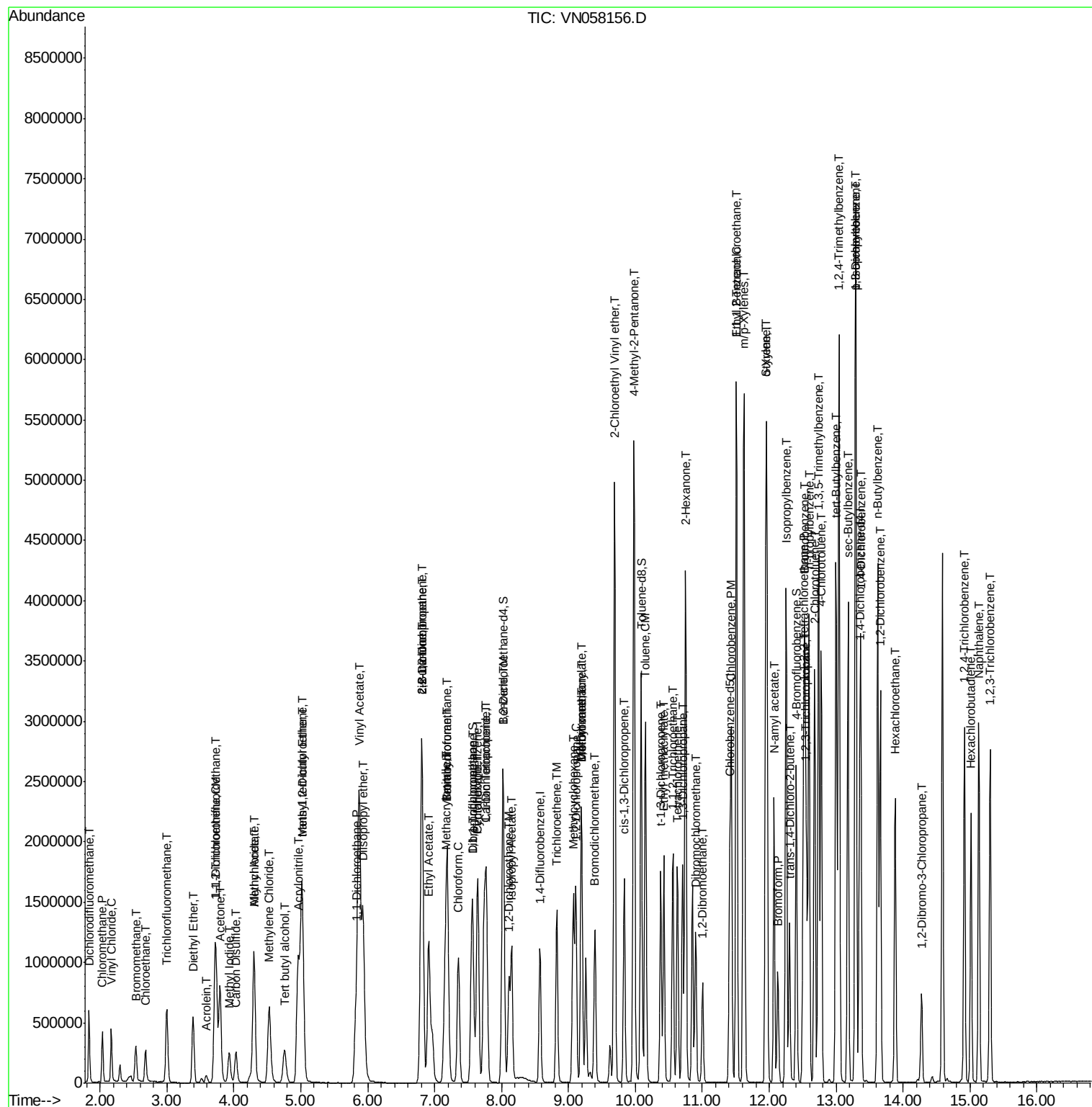
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	881756	87.193	ug/l	100
94) Hexachlorobutadiene	15.02	225	407369	93.950	ug/l	96
95) Naphthalene	15.13	128	2380092	82.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	837524	84.669	ug/l	99

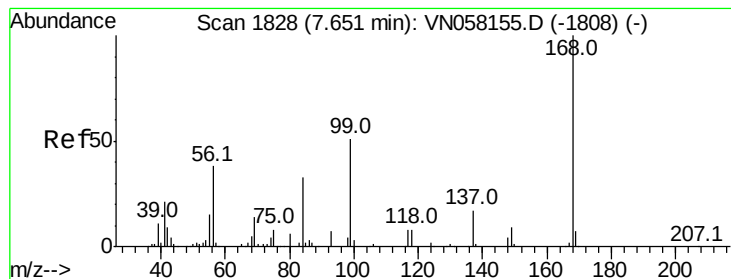
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampled :

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 01:40:20 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

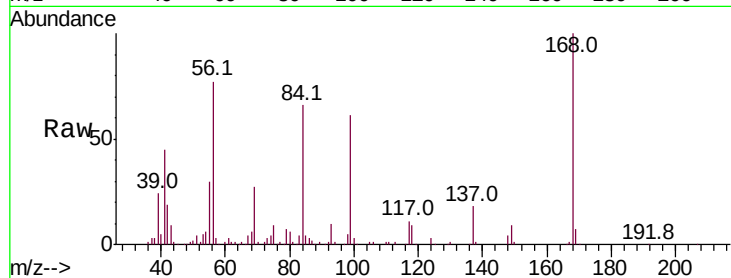
ClientSampleId :

Tot Ion:168 Resp: 573329

Ion Ratio Lower Upper

168 100

99 60.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

150000

100000

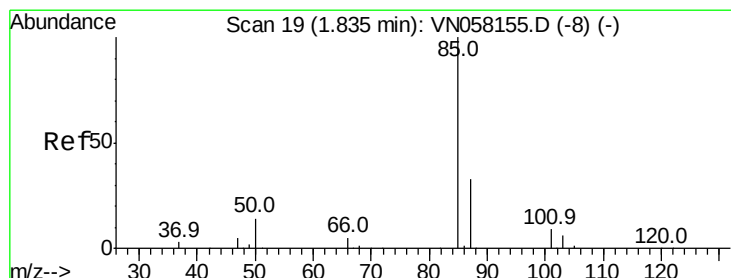
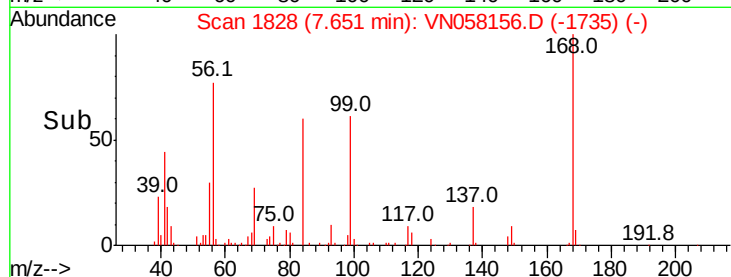
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 61.069 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058156.D

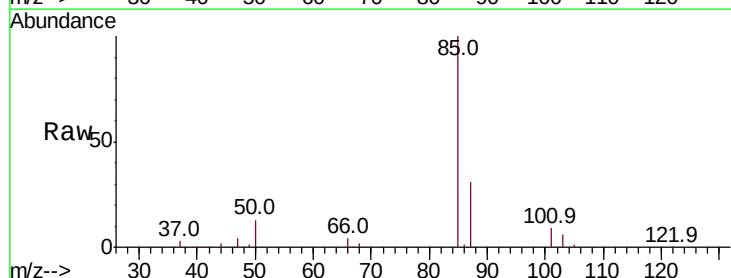
Acq: 18 Sep 2019 10:49

Tgt Ion: 85 Resp: 447308

Ion Ratio Lower Upper

85 100

87 30.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

300000

200000

100000

0

1.75

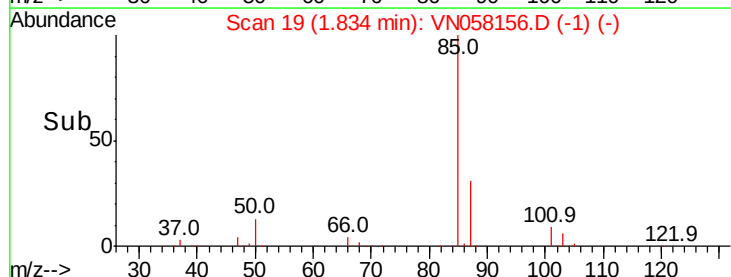
1.80

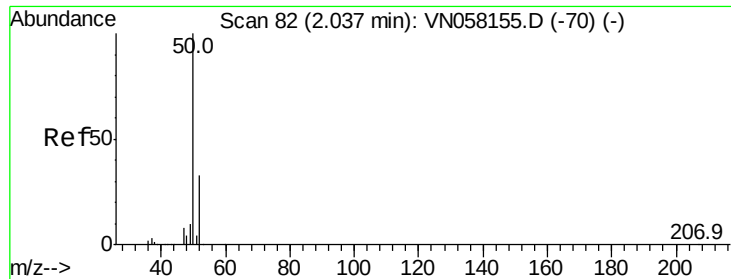
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 48.020 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

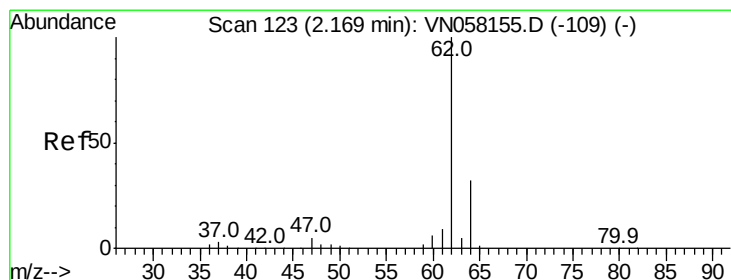
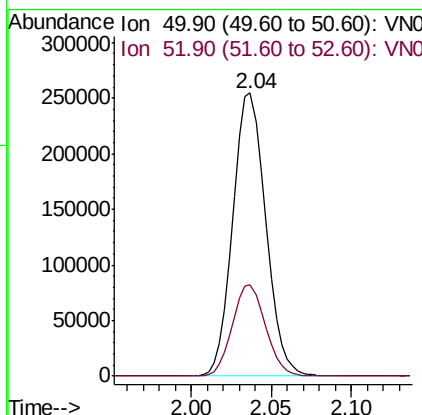
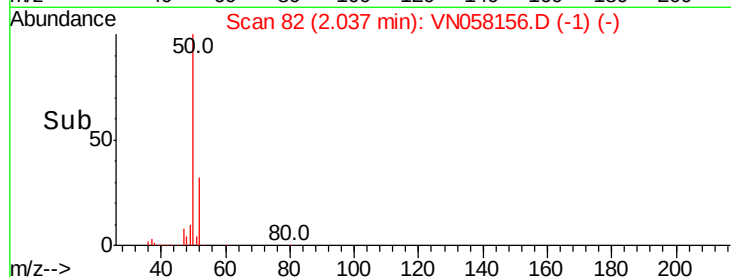
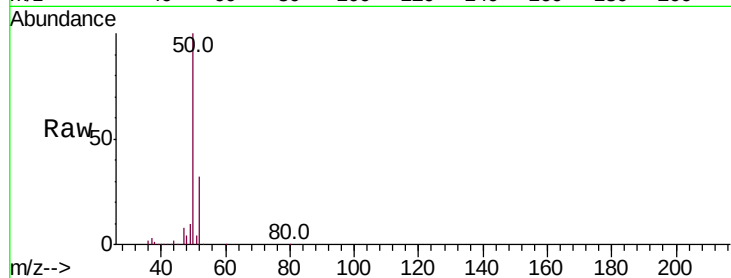
ClientSampled :

Tot Ion: 50 Resp: 356419

Ion Ratio Lower Upper

50 100

52 32.2 26.3 39.5



#4

Vinyl Chloride

Concen: 49.887 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058156.D

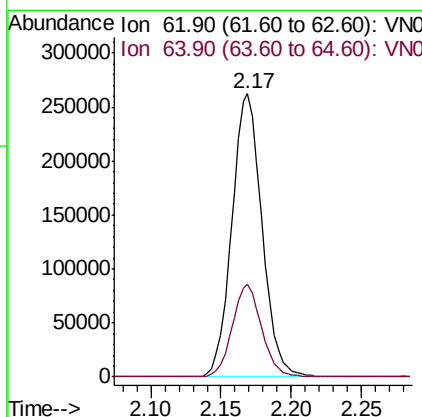
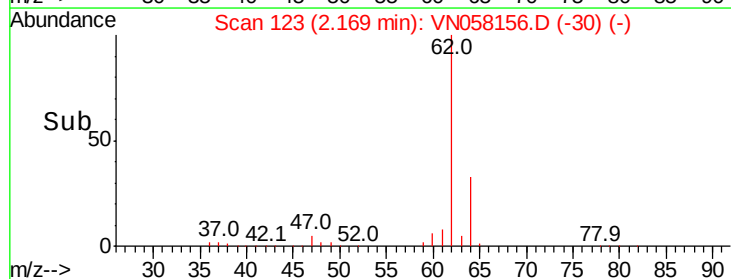
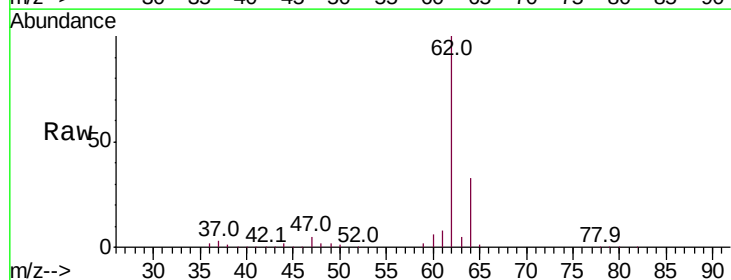
Acq: 18 Sep 2019 10:49

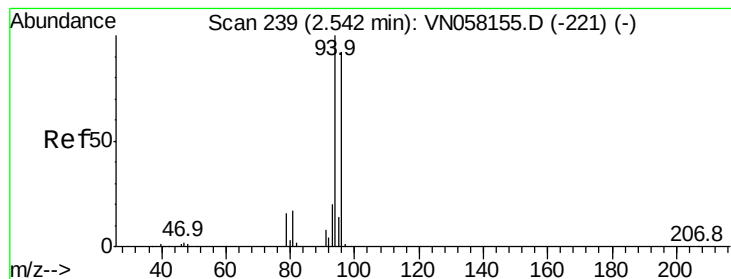
Tgt Ion: 62 Resp: 391441

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.2





#5

Bromomethane

Concen: 44.081 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

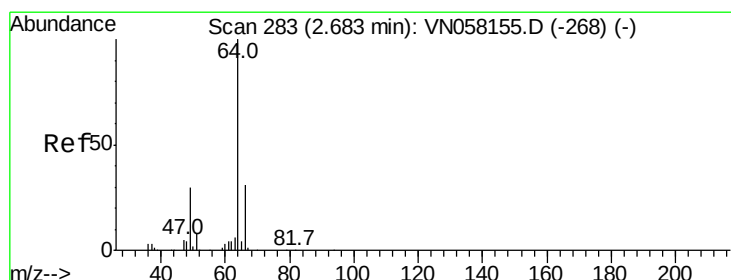
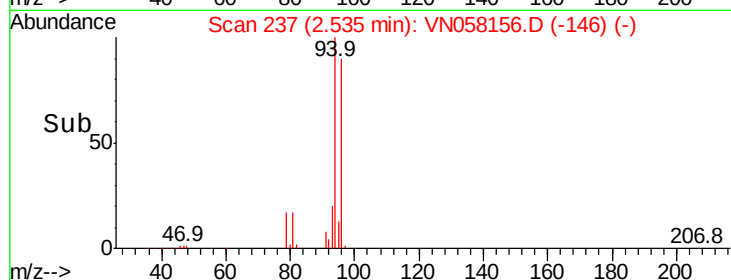
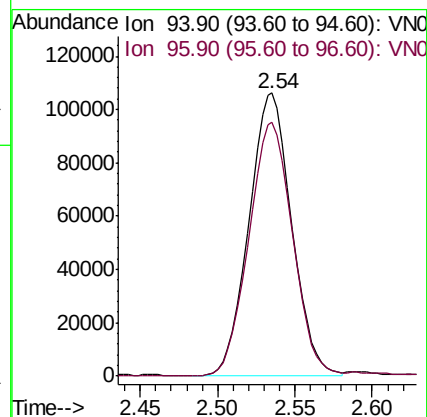
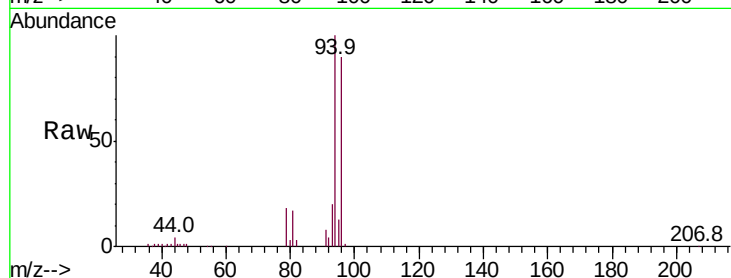
ClientSampled :

Tot Ion: 94 Resp: 204382

Ion Ratio Lower Upper

94 100

96 89.7 73.3 109.9



#6

Chloroethane

Concen: 49.641 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN058156.D

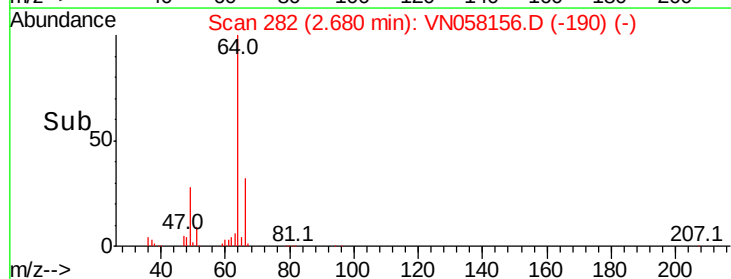
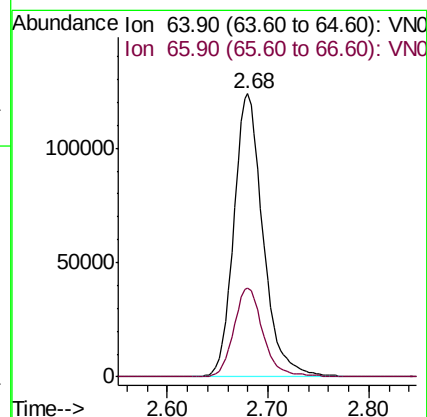
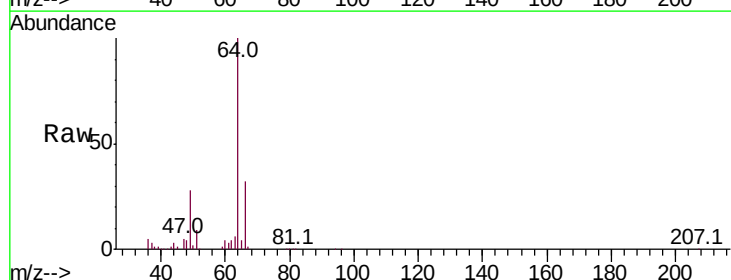
Acq: 18 Sep 2019 10:49

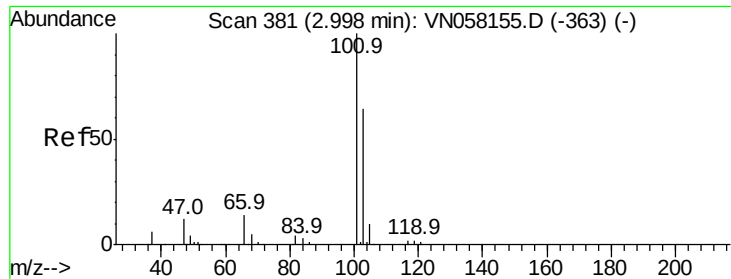
Tgt Ion: 64 Resp: 249532

Ion Ratio Lower Upper

64 100

66 31.6 24.6 37.0



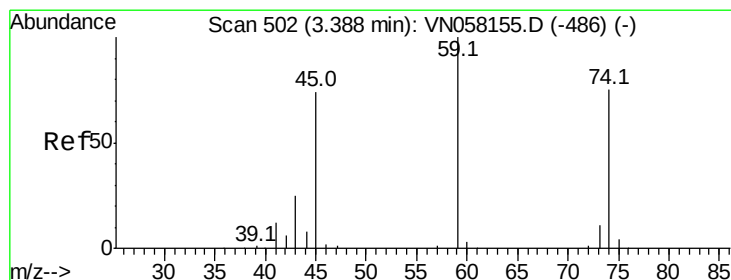
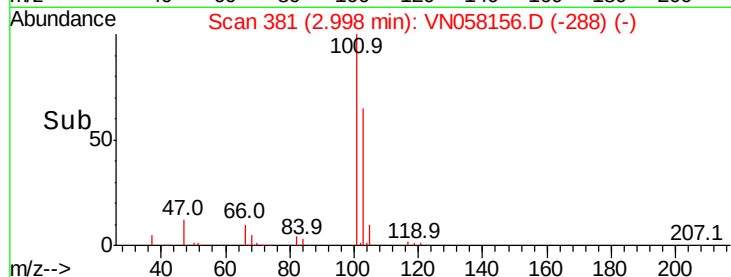
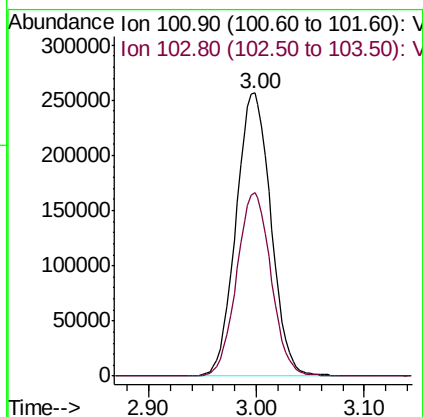
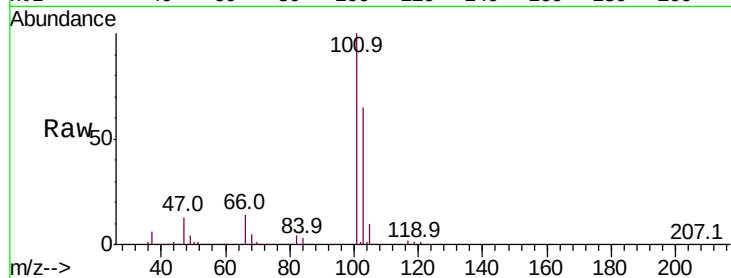


#7

Trichlorofluoromethane
Concen: 57.858 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Instrument :
MSVOA_N
ClientSampled :

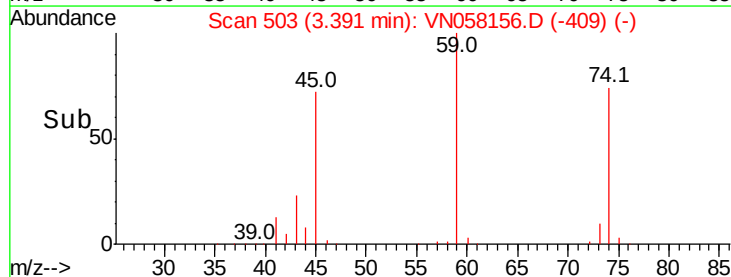
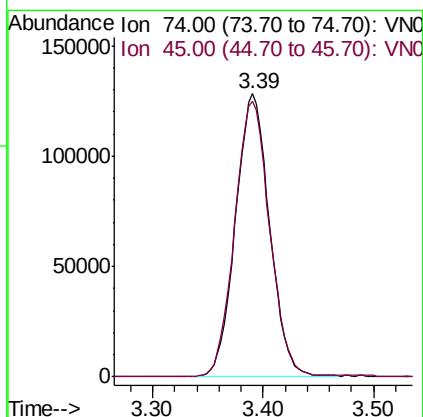
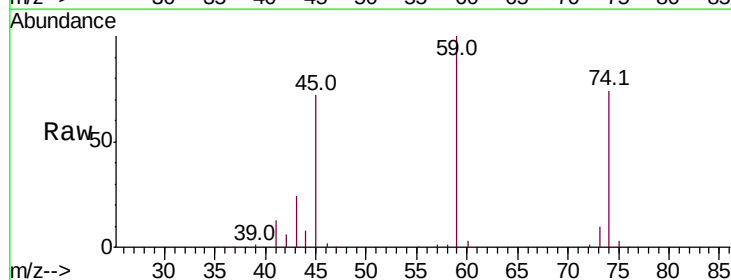
Tot Ion:101 Resp: 577509
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.6

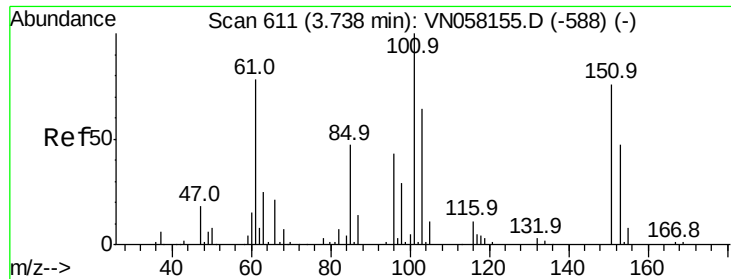


#8

Diethyl Ether
Concen: 64.637 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion: 74 Resp: 274226
Ion Ratio Lower Upper
74 100
45 99.6 48.5 145.5

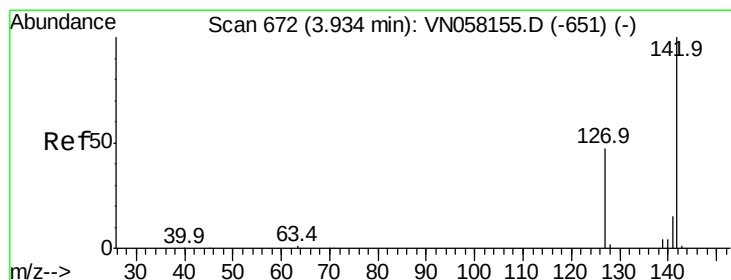
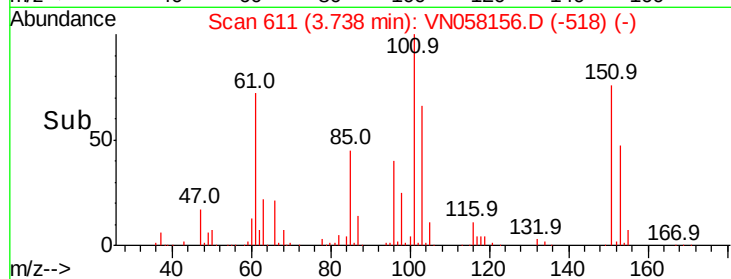
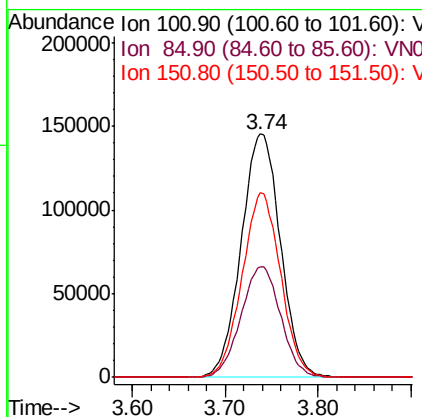
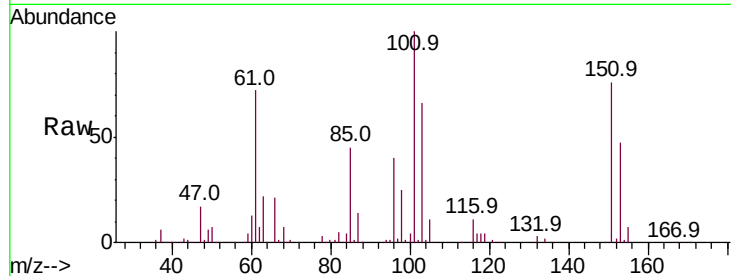




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 67.071 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

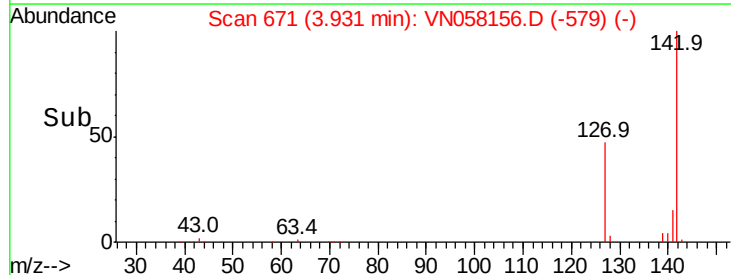
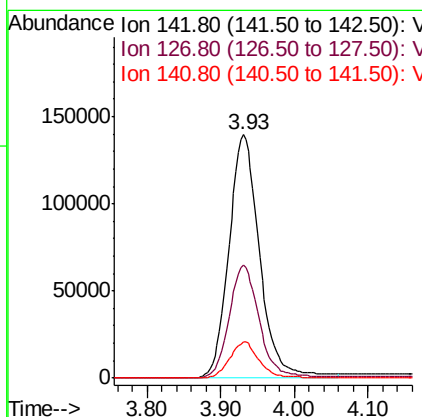
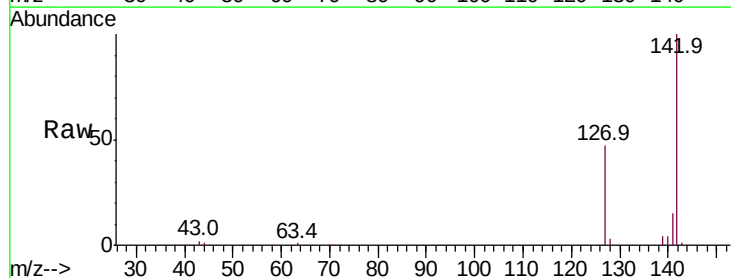
Instrument :
 MSVOA_N
 ClientSampleId :

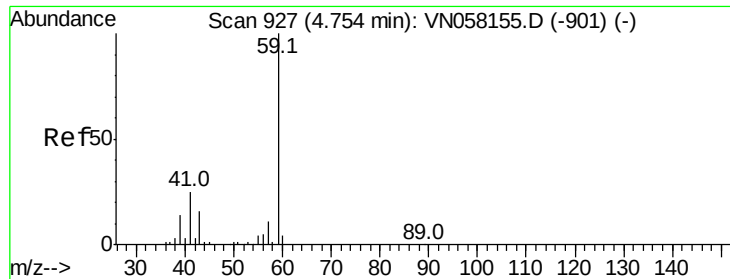
Tot Ion:101 Resp: 427769
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.3 55.9
 151 74.6 59.6 89.4



#10
 Methyl Iodide
 Concen: 60.093 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

Tgt Ion:142 Resp: 406327
 Ion Ratio Lower Upper
 142 100
 127 45.4 37.5 56.3
 141 14.2 11.4 17.2



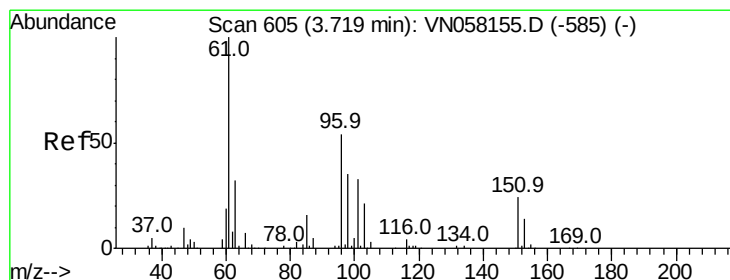
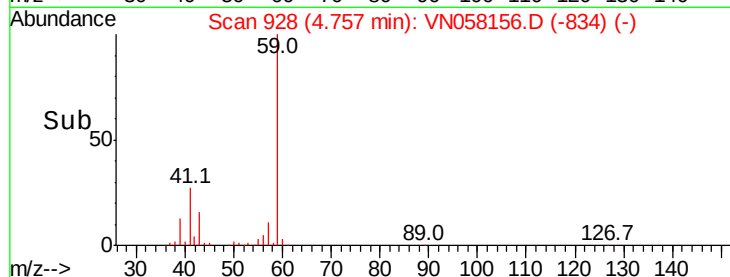
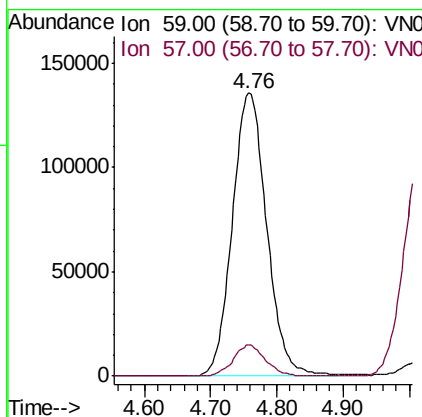
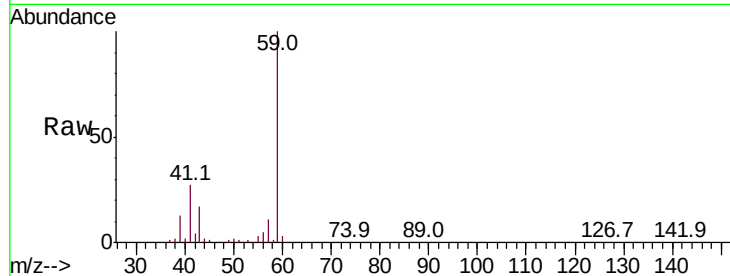


#11

Tert butyl alcohol
Concen: 377.476 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Instrument :
MSVOA_N
ClientSampled :

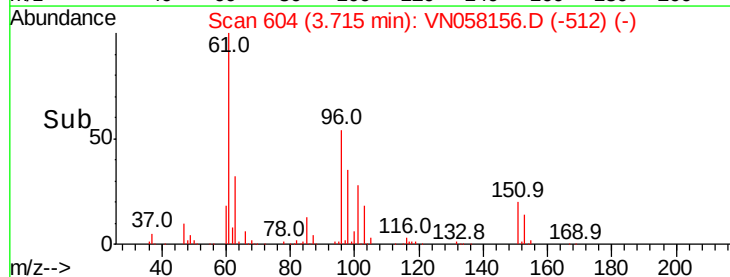
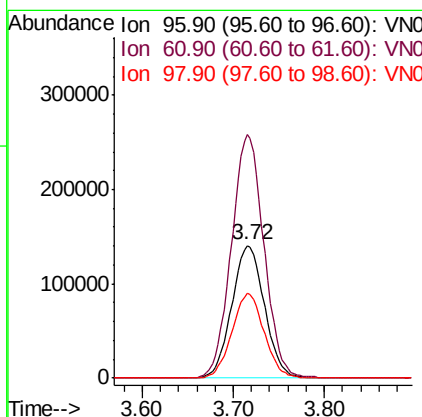
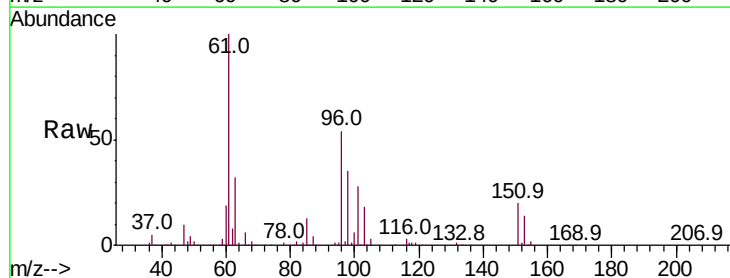
Tot Ion: 59 Resp: 488502
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0

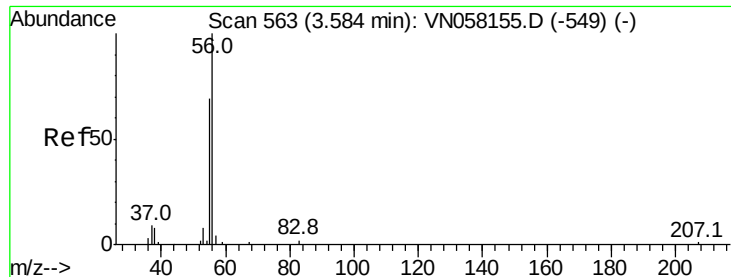


#12

1,1-Dichloroethene
Concen: 61.330 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion: 96 Resp: 350747
Ion Ratio Lower Upper
96 100
61 183.5 149.5 224.3
98 63.7 52.4 78.6

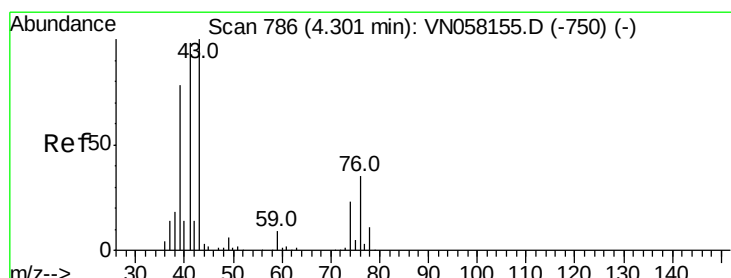
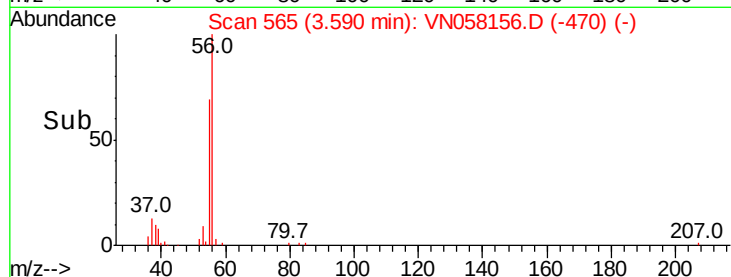
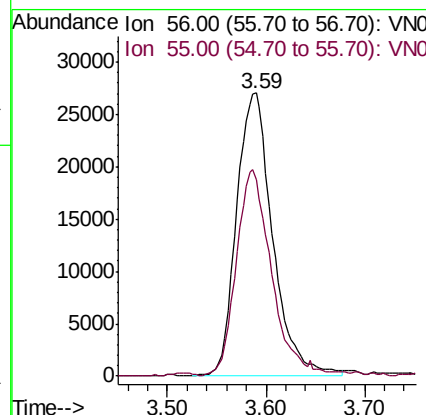
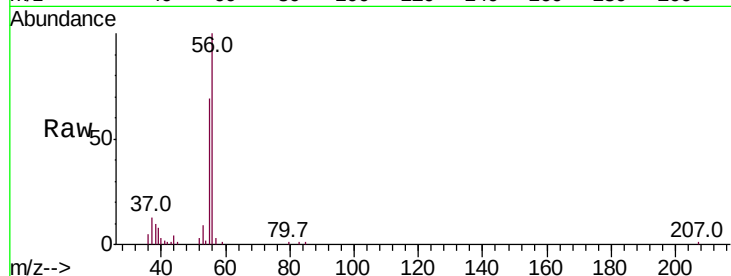




#13
Acrolein
Concen: 70.475 ug/l
RT: 3.59 min Scan# 565
Delta R.T. 0.01 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

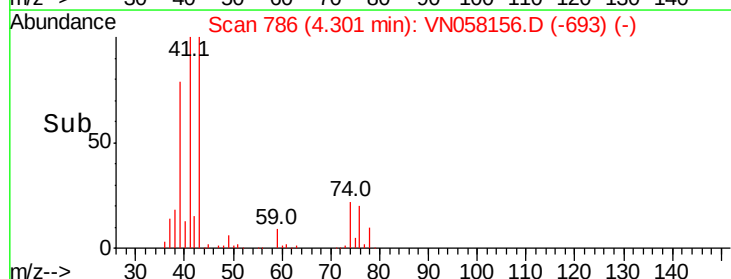
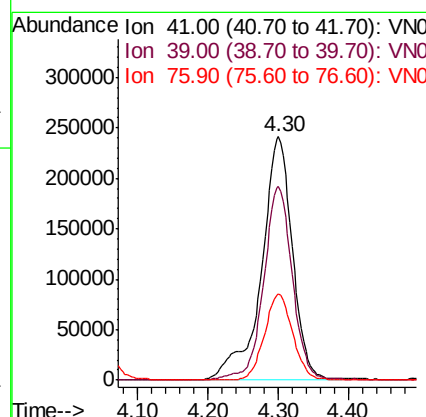
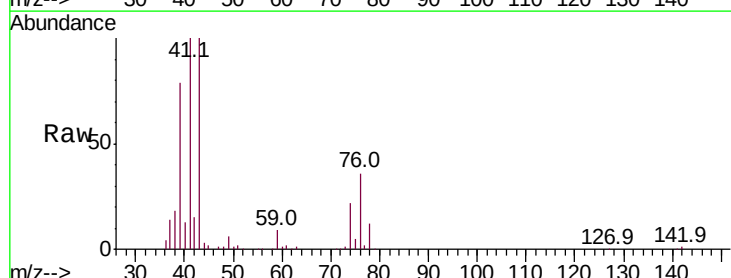
Instrument :
MSVOA_N
ClientSampled :

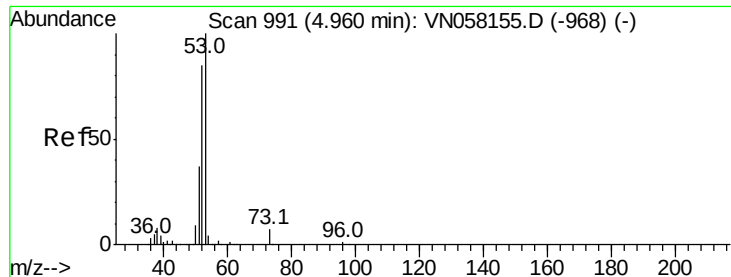
Tot Ion: 56 Resp: 68963
Ion Ratio Lower Upper
56 100
55 71.0 56.1 84.1



#14
Allyl chloride
Concen: 66.023 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion: 41 Resp: 742533
Ion Ratio Lower Upper
41 100
39 73.5 59.1 88.7
76 31.9 25.1 37.7





#15

Acrylonitrile

Concen: 358.795 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

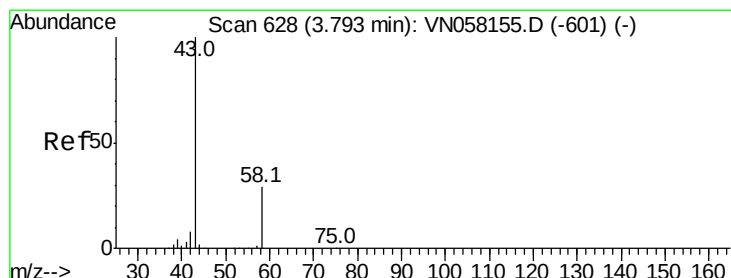
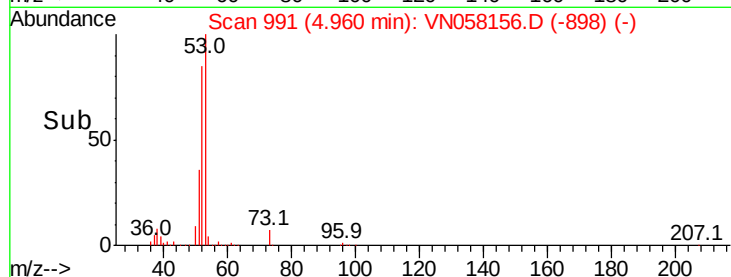
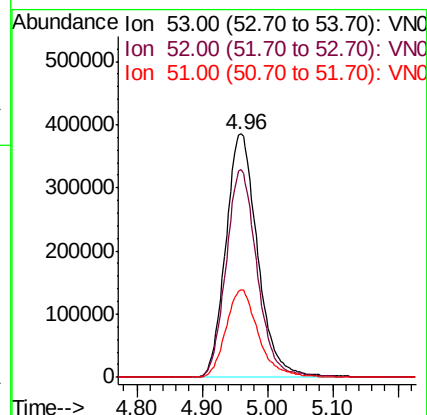
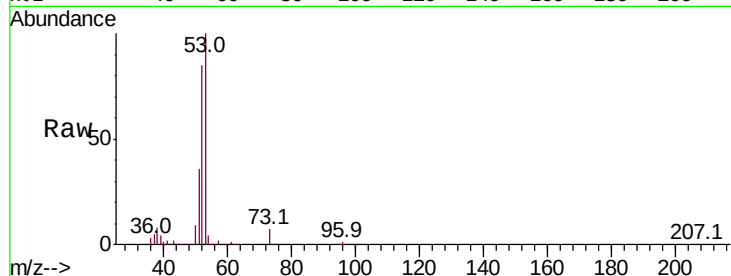
Tot Ion: 53 Resp: 1304082

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

51 36.8 29.7 44.5



#16

Acetone

Concen: 366.759 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058156.D

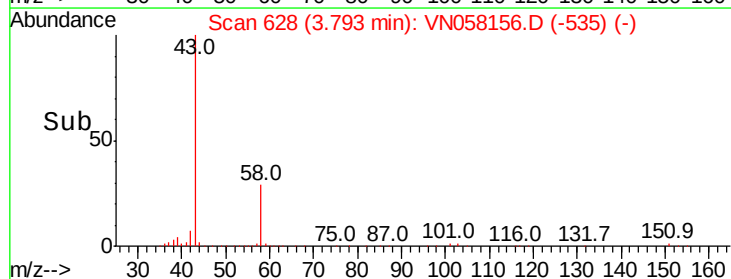
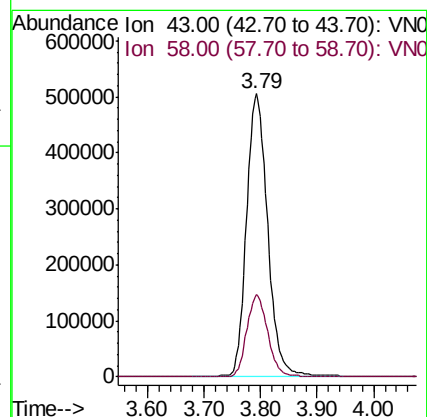
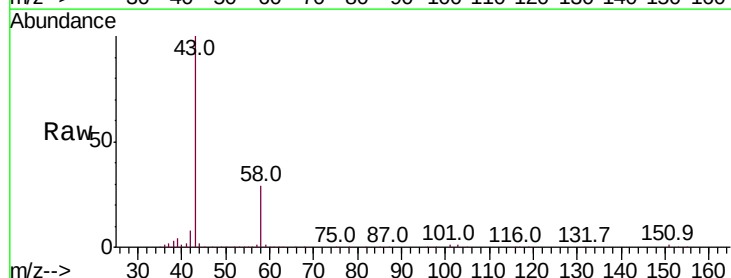
Acq: 18 Sep 2019 10:49

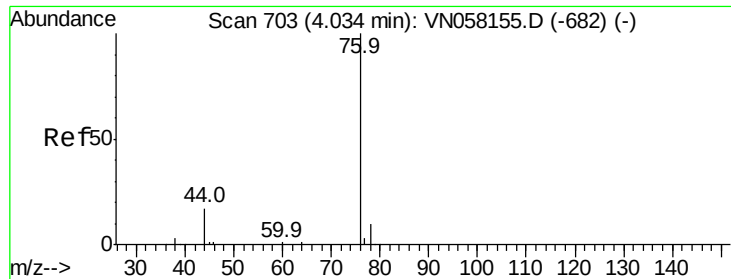
Tgt Ion: 43 Resp: 1310306

Ion Ratio Lower Upper

43 100

58 28.9 23.4 35.2





#17

Carbon Disulfide

Concen: 46.363 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

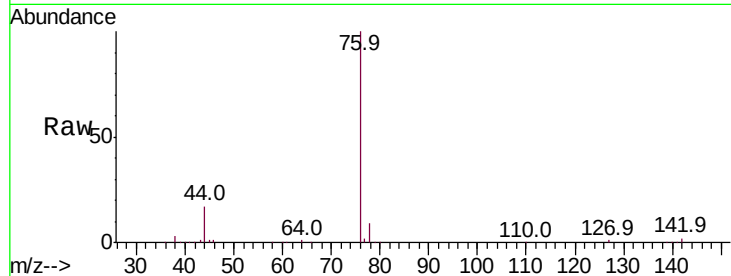
ClientSampleId :

Tot Ion: 76 Resp: 483355

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

200000

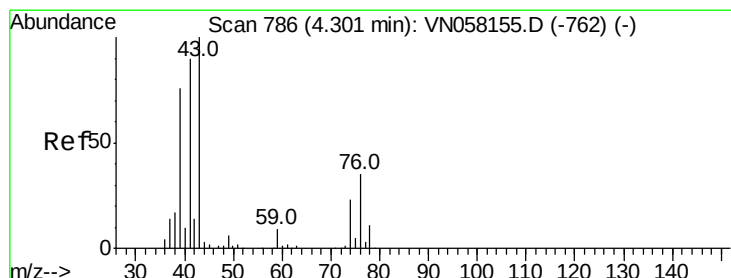
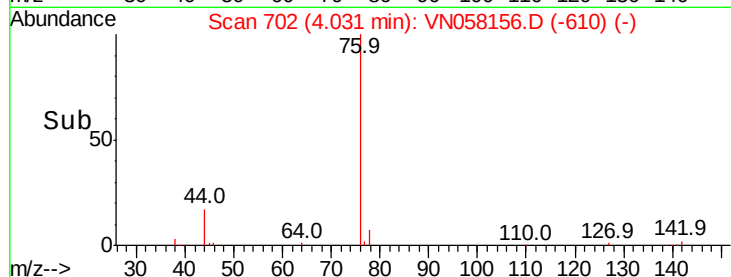
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 71.249 ug/l

RT: 4.30 min Scan# 786

Delta R.T. -0.00 min

Lab File: VN058156.D

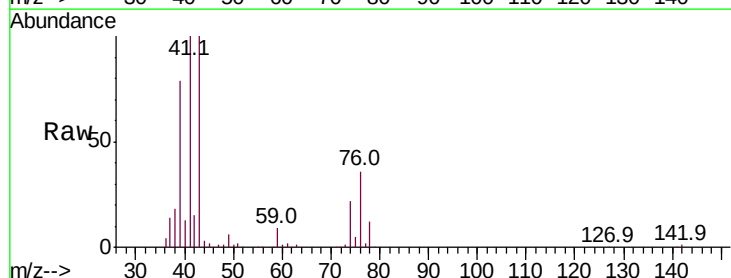
Acq: 18 Sep 2019 10:49

Tgt Ion: 43 Resp: 681247

Ion Ratio Lower Upper

43 100

74 22.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.30

250000

200000

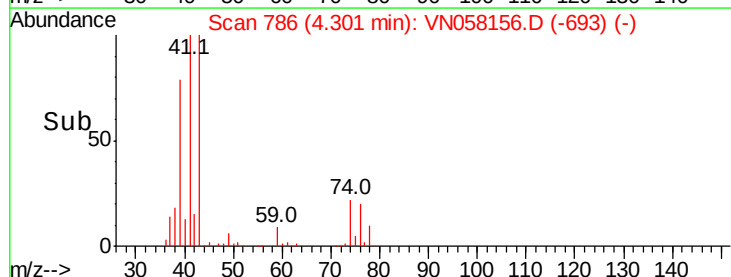
150000

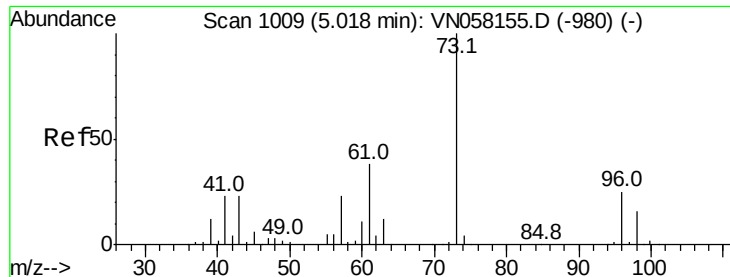
100000

50000

0

Time-->

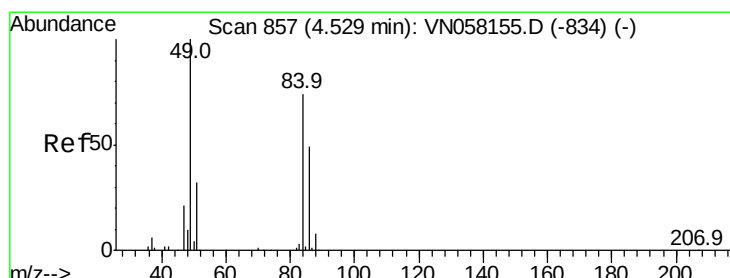
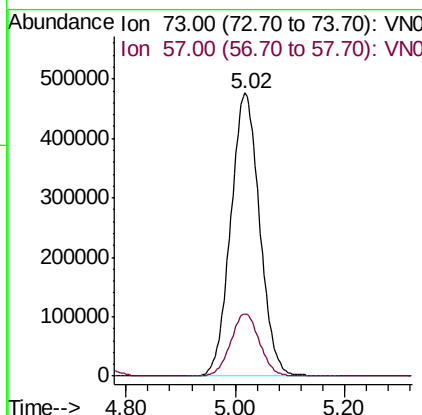
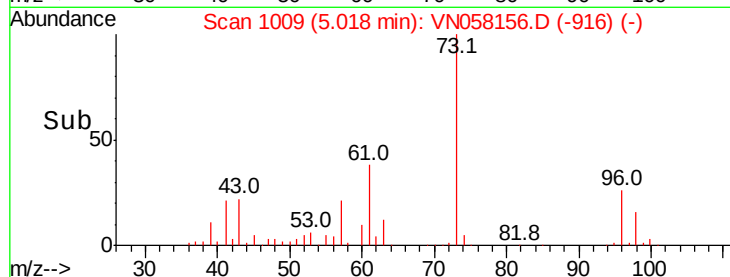
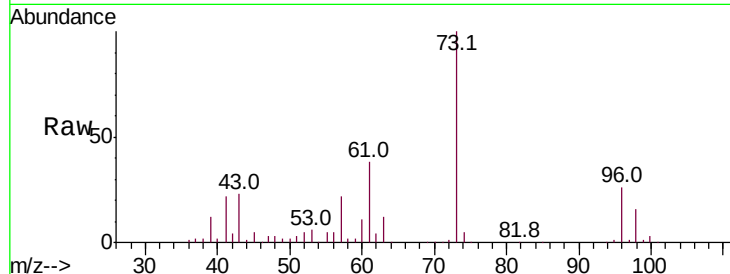




#19
Methyl tert-butyl Ether
Concen: 73.215 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

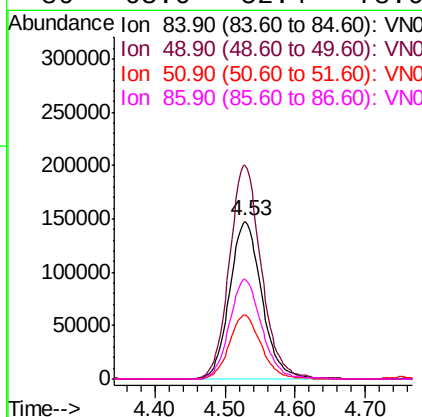
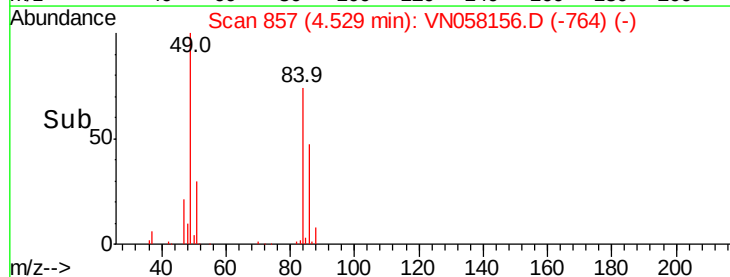
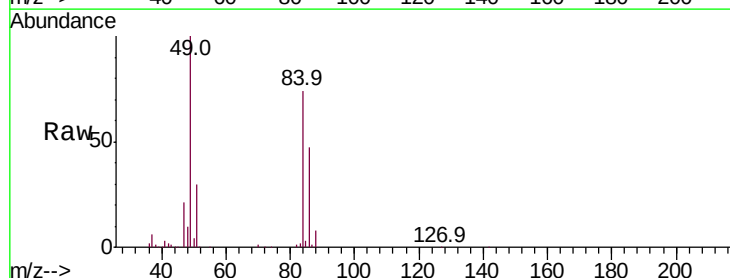
Instrument :
MSVOA_N
ClientSampled :

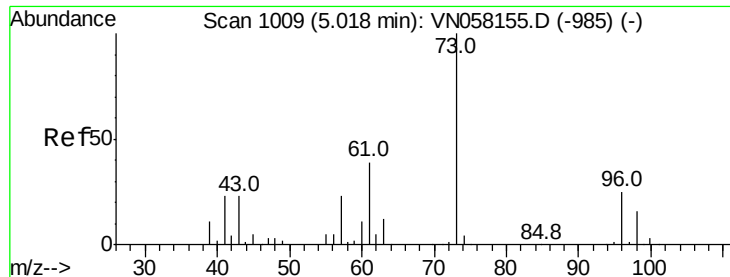
Tot Ion: 73 Resp: 1751959
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1



#20
Methylene Chloride
Concen: 60.695 ug/l
RT: 4.53 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion: 84 Resp: 471336
Ion Ratio Lower Upper
84 100
49 135.6 107.5 161.3
51 40.5 33.9 50.9
86 63.6 52.4 78.6

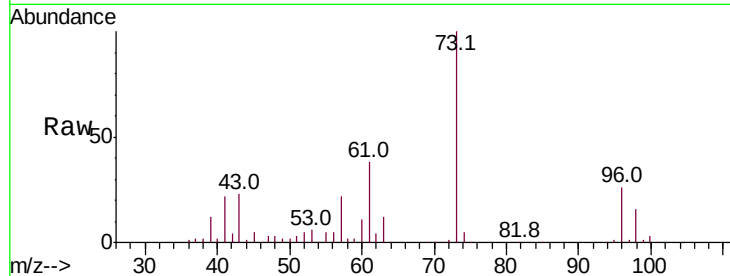




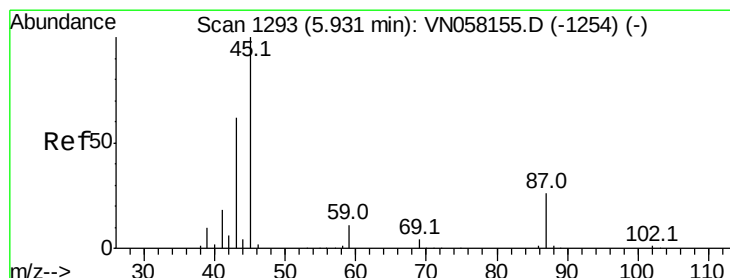
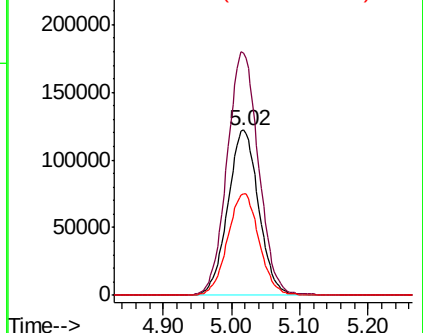
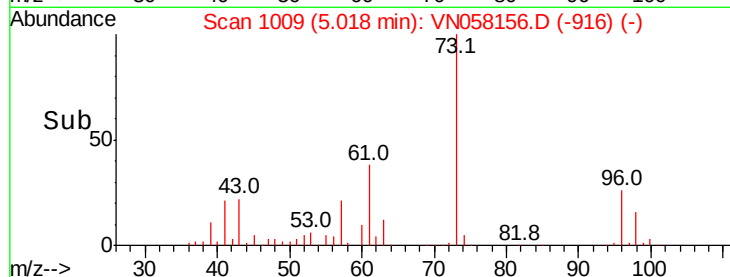
#21
trans-1,2-Dichloroethene
Concen: 62.263 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 384944
Ion Ratio Lower Upper
96 100
61 147.0 122.2 183.4
98 61.7 49.9 74.9

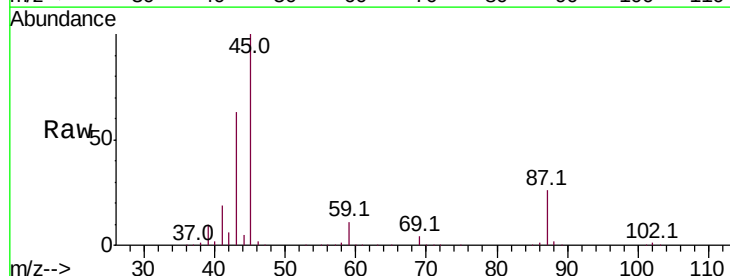


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

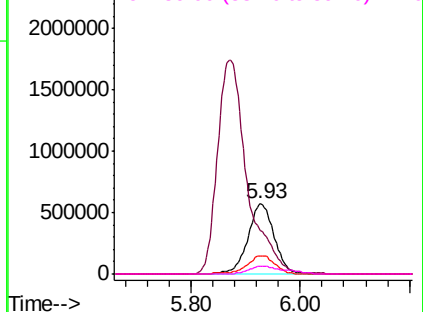
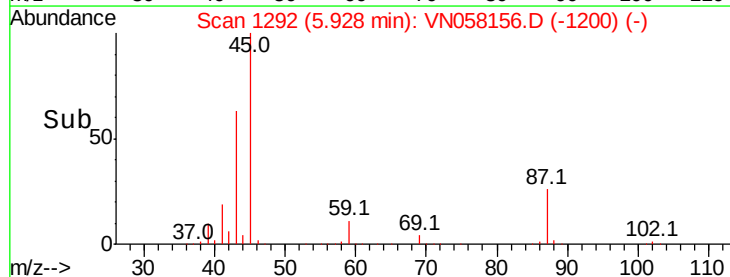


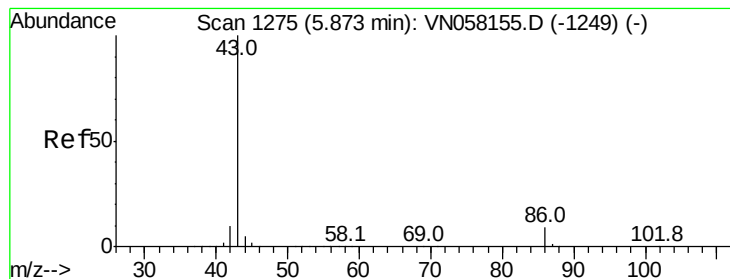
#22
Diisopropyl ether
Concen: 72.648 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion: 45 Resp: 1915922
Ion Ratio Lower Upper
45 100
43 63.1 49.7 74.5
87 26.3 20.7 31.1
59 11.1 9.1 13.7



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





#23

Vinyl Acetate

Concen: 353.785 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

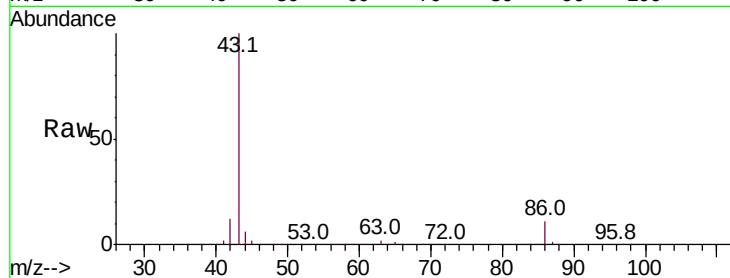
ClientSampleId :

Tot Ion: 43 Resp: 6574189

Ion Ratio Lower Upper

43 100

86 11.5 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

2000000

1500000

1000000

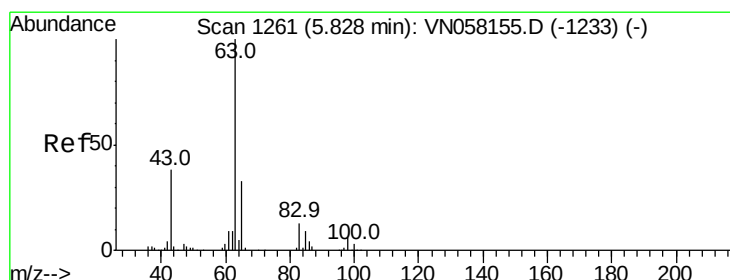
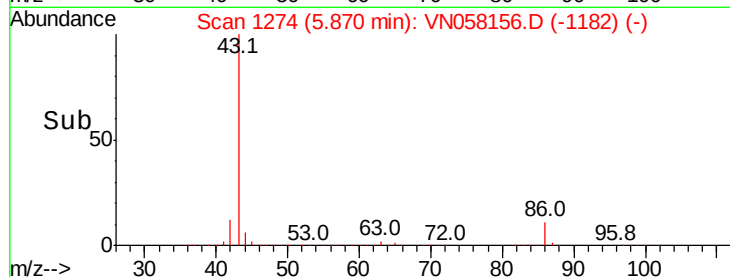
500000

0

5.87

5.80 6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 69.070 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

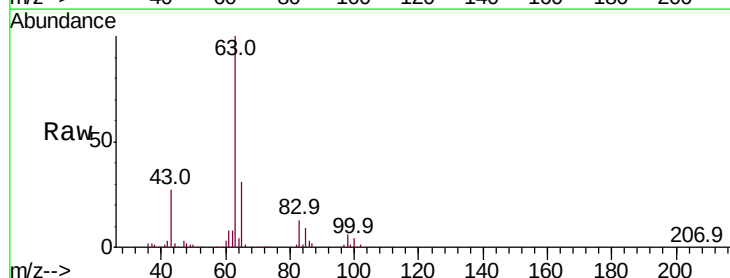
Tgt Ion: 63 Resp: 994118

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.6

100 3.8 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

400000

300000

200000

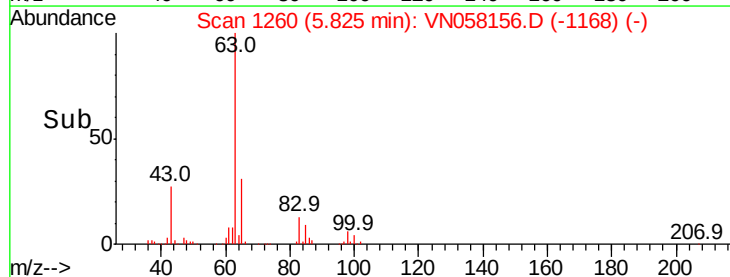
100000

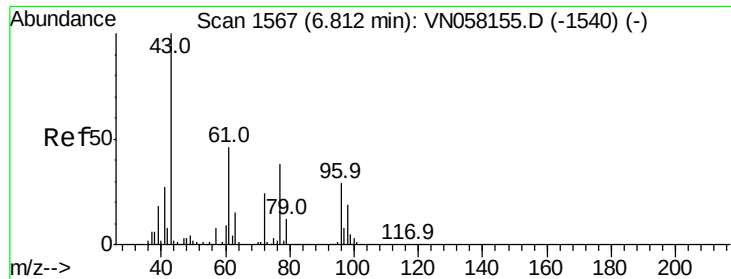
0

5.82

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 370.320 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

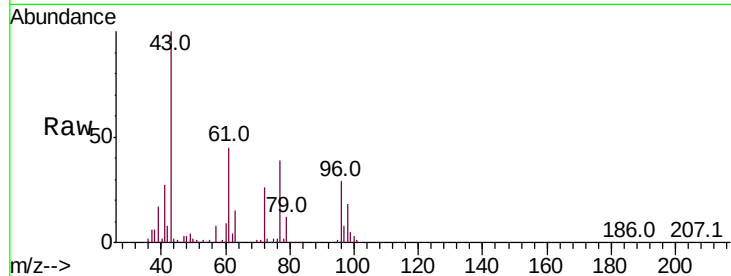
ClientSampled :

Tot Ion: 43 Resp: 1916318

Ion Ratio Lower Upper

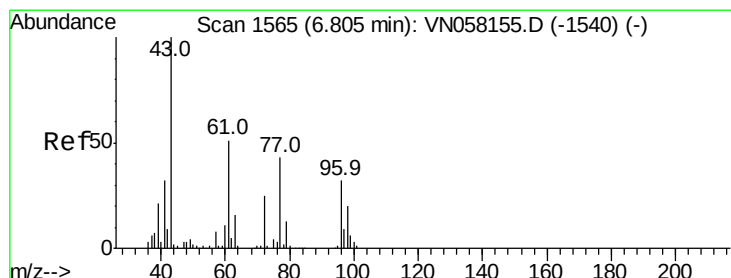
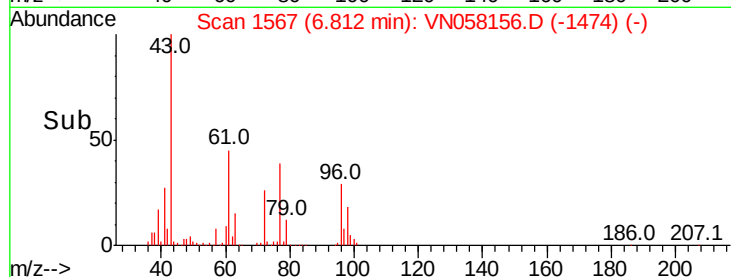
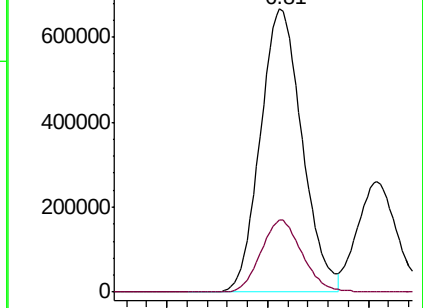
43 100

72 25.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 75.538 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058156.D

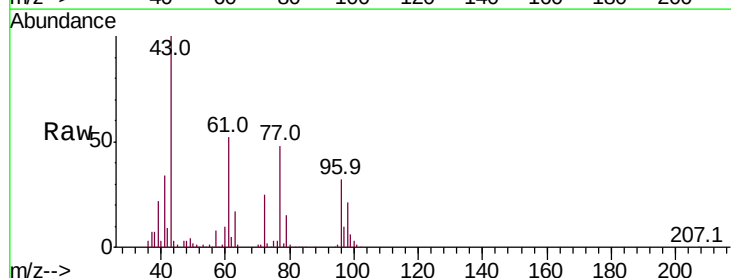
Acq: 18 Sep 2019 10:49

Tgt Ion: 77 Resp: 862792

Ion Ratio Lower Upper

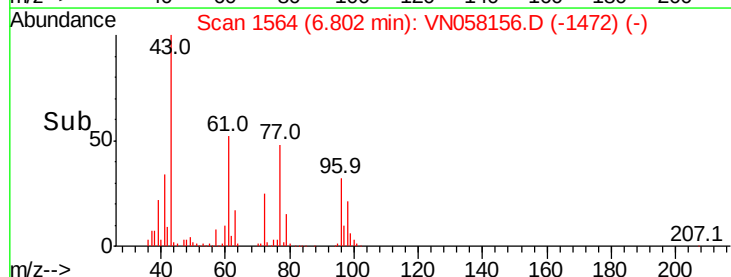
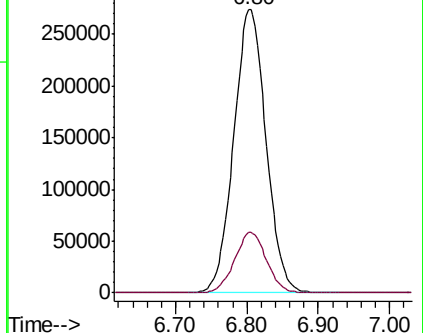
77 100

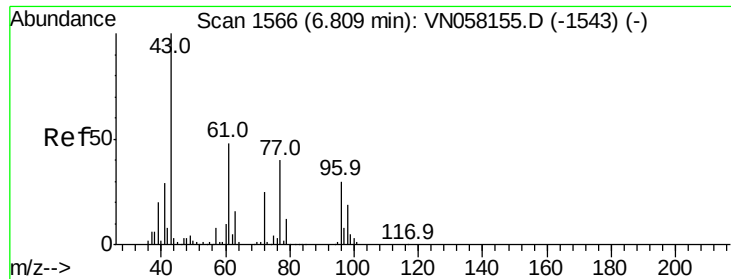
97 21.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

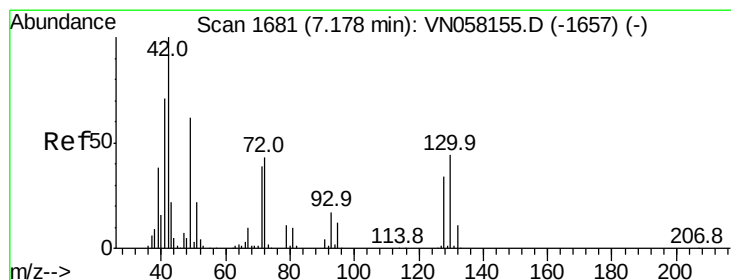
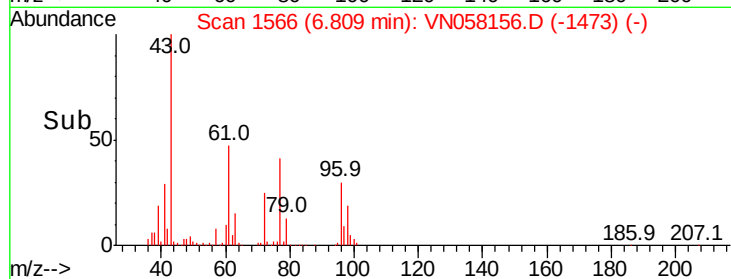
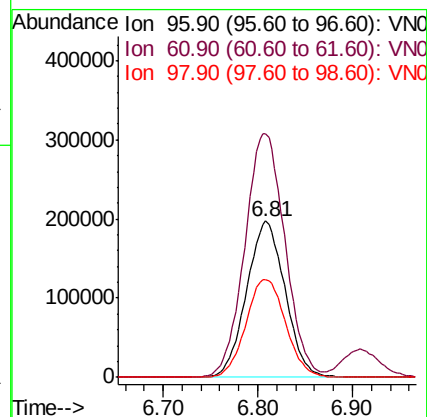
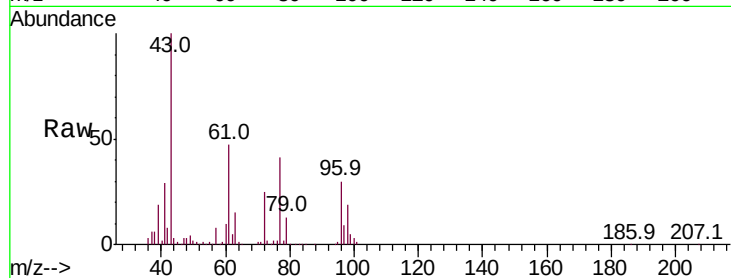




#27
 cis-1,2-Dichloroethene
 Concen: 67.048 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

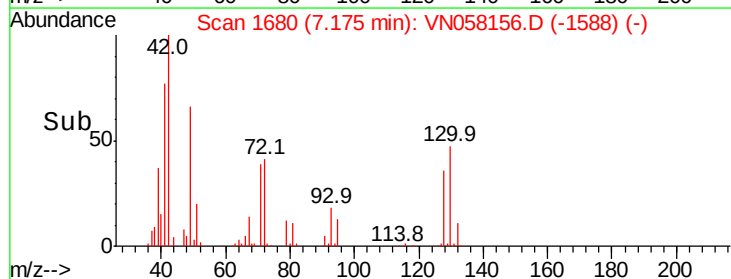
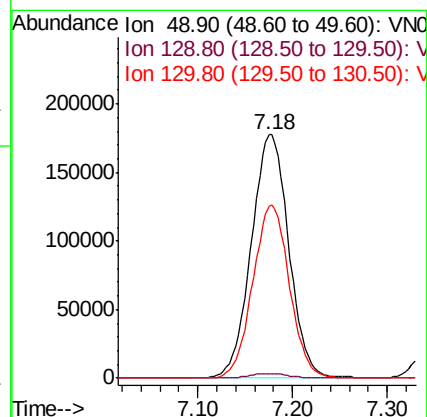
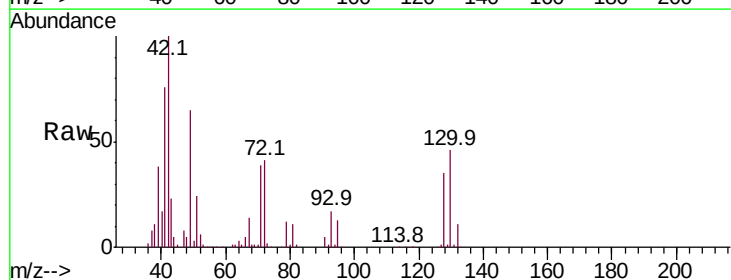
Instrument :
 MSVOA_N
 ClientSampleId :

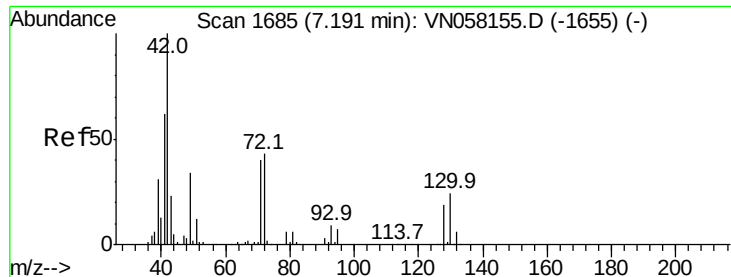
Tot Ion	Ratio	Lower	Upper
96	100		
61	162.8	0.0	319.0
98	64.6	0.0	126.6



#28
 Bromochloromethane
 Concen: 67.833 ug/l
 RT: 7.18 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	1.8#
130	69.7	55.4	83.2





#29

Tetrahydrofuran

Concen: 354.892 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

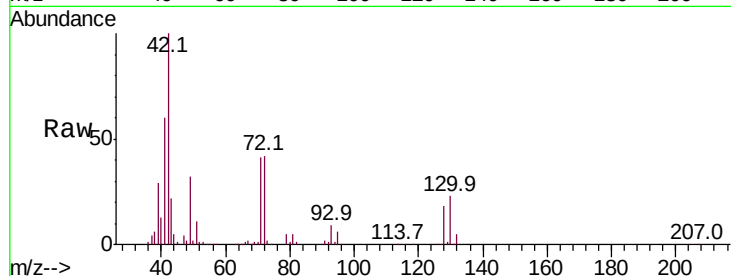
Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 1131763

Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.8	50.6
71	39.6	31.4	47.0

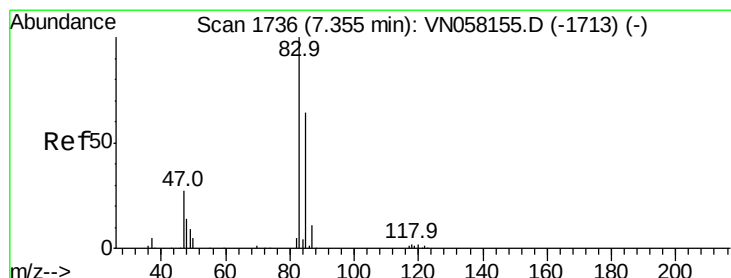
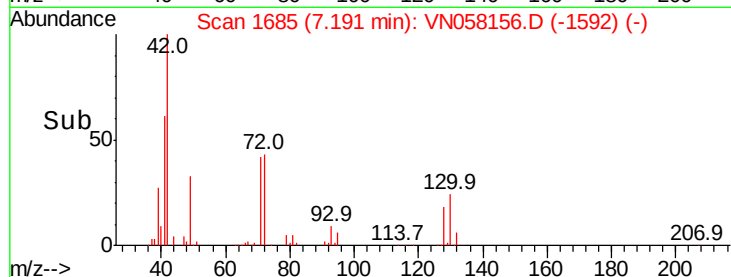
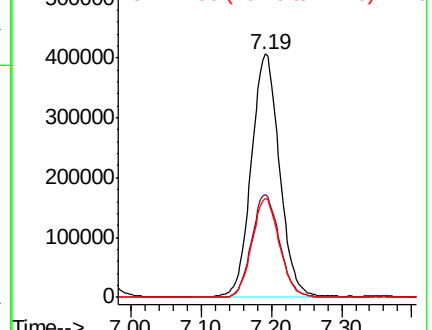


Abundance

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: 70.348 ug/l

RT: 7.36 min Scan# 1736

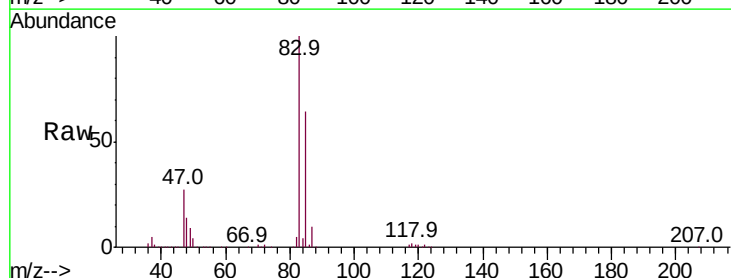
Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Tgt Ion: 83 Resp: 1061556

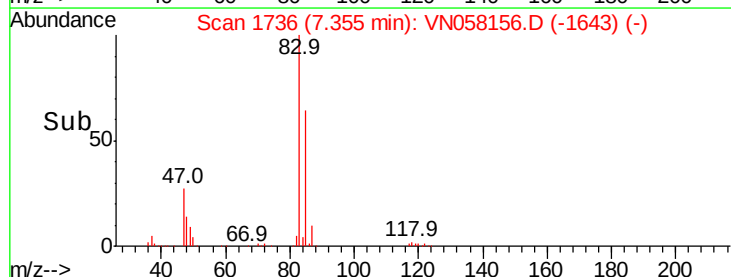
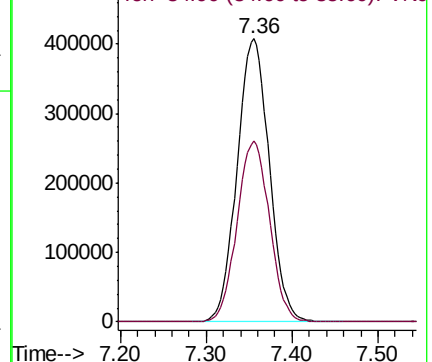
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.4	77.2

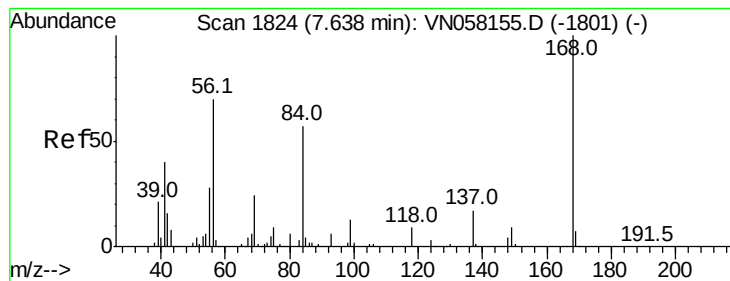


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 60.978 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :
MSVOA_N
ClientSampled :

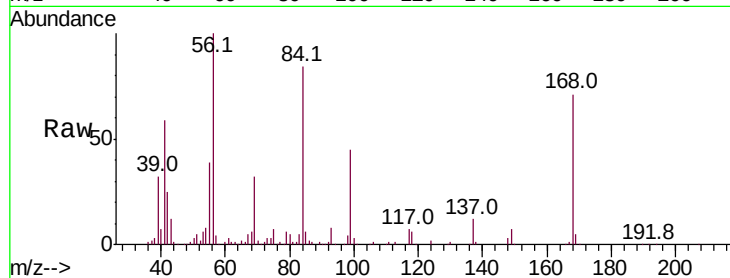
Tot Ion: 56 Resp: 646500

Ion Ratio Lower Upper

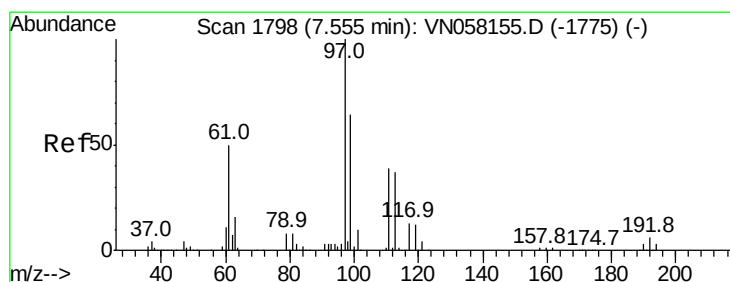
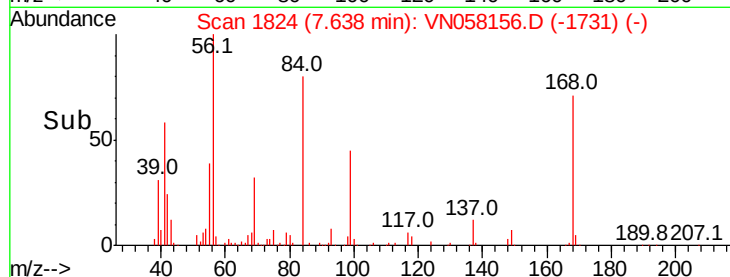
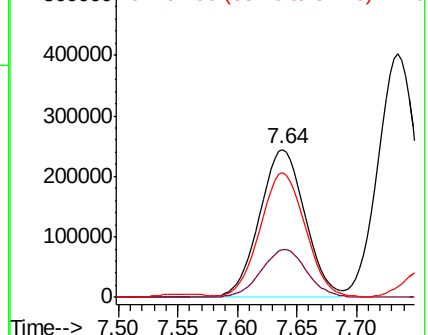
56 100

69 32.3 27.3 40.9

84 82.1 65.0 97.4



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



#32

1,1,1-Trichloroethane

Concen: 71.821 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

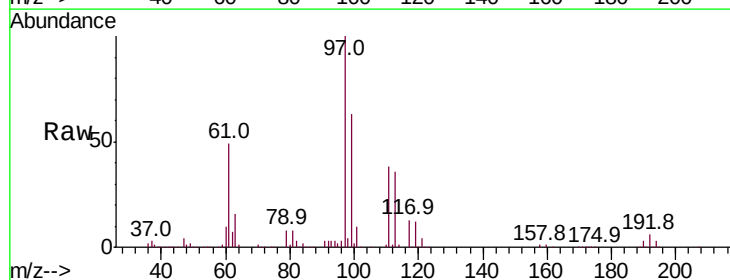
Tgt Ion: 97 Resp: 858922

Ion Ratio Lower Upper

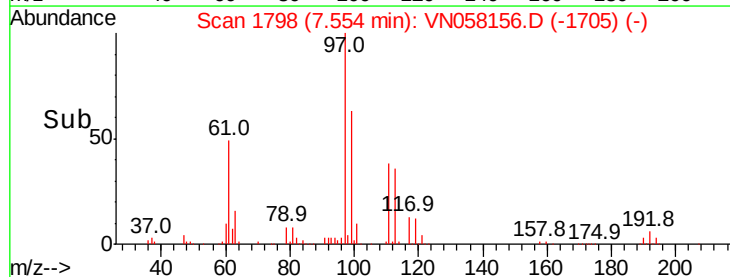
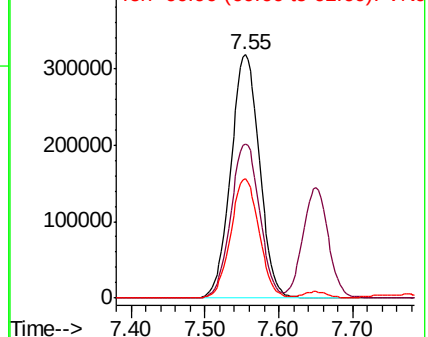
97 100

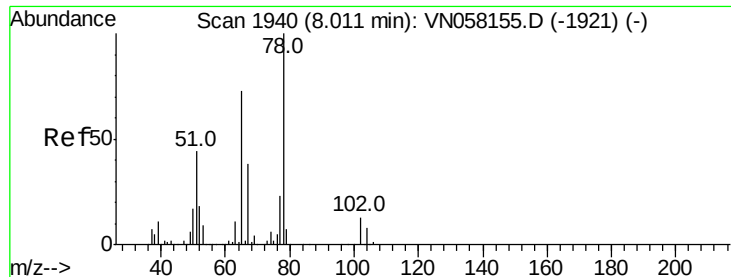
99 63.7 50.9 76.3

61 48.6 39.2 58.8



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

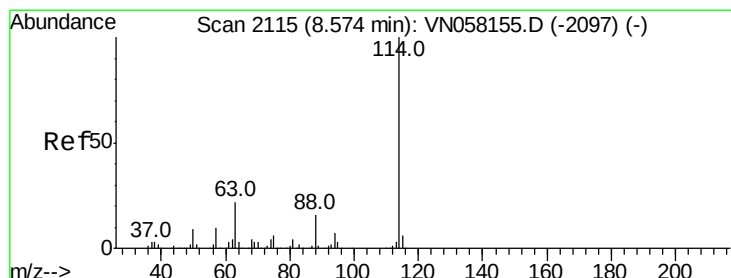
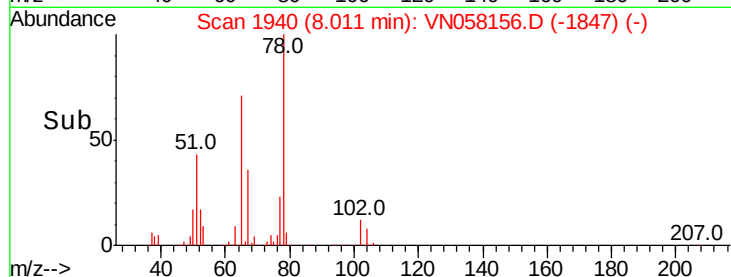
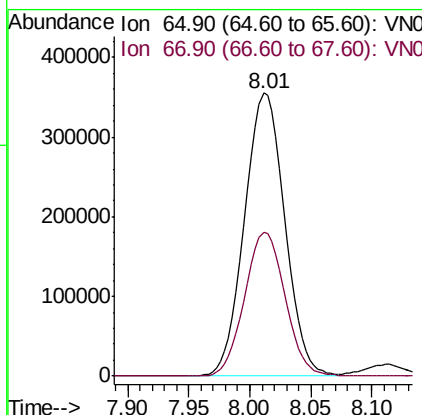
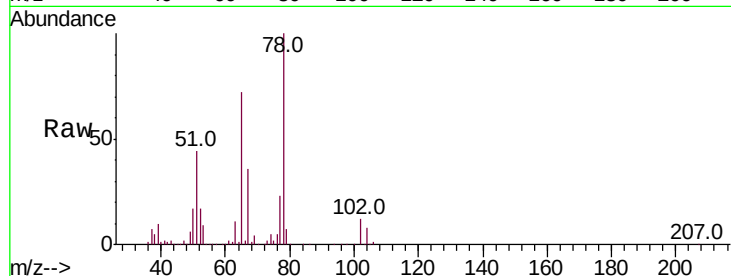




#33
 1,2-Dichloroethane-d4
 Concen: 74.757 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

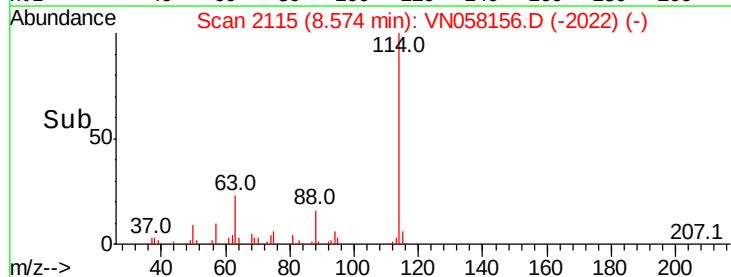
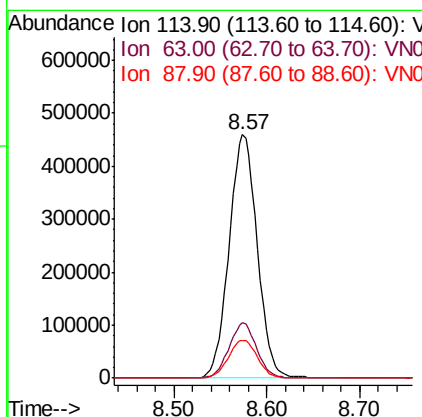
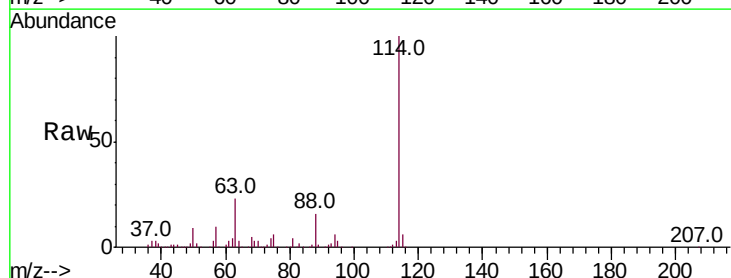
Instrument :
 MSVOA_N
 ClientSampleId :

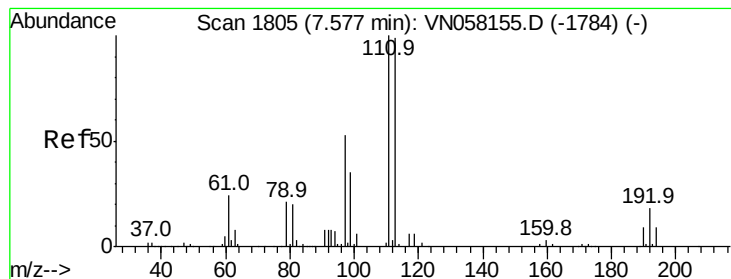
Tot Ion: 65 Resp: 813337
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

Tgt Ion: 114 Resp: 965146
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 71.118 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

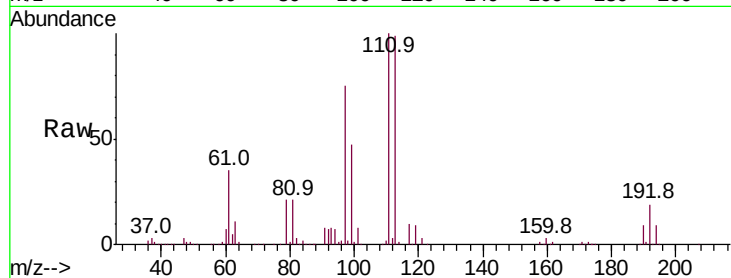
Tot Ion:113 Resp: 592751

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

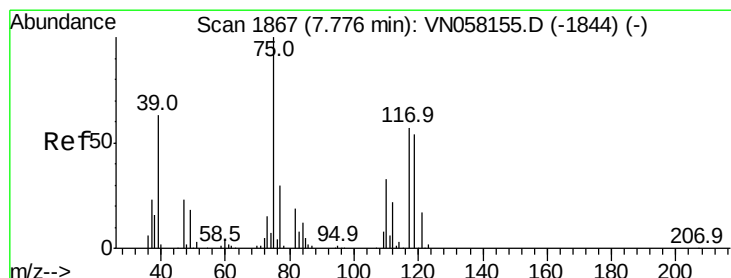
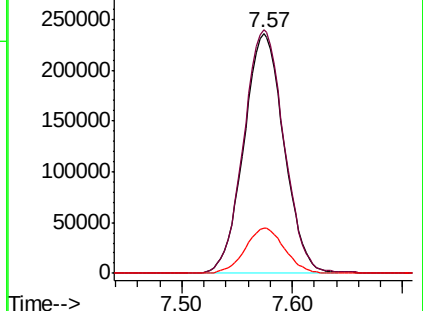
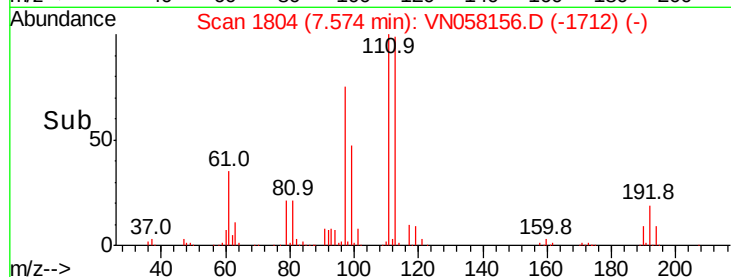
192 18.7 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 60.605 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

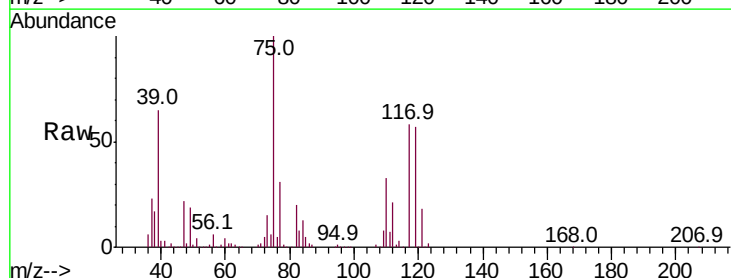
Tgt Ion: 75 Resp: 635672

Ion Ratio Lower Upper

75 100

110 33.6 16.6 49.7

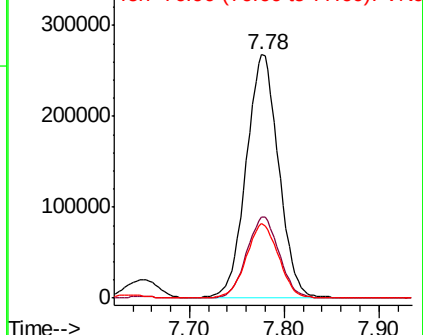
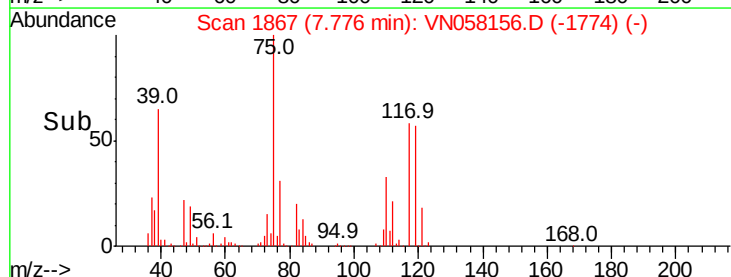
77 30.8 24.3 36.5

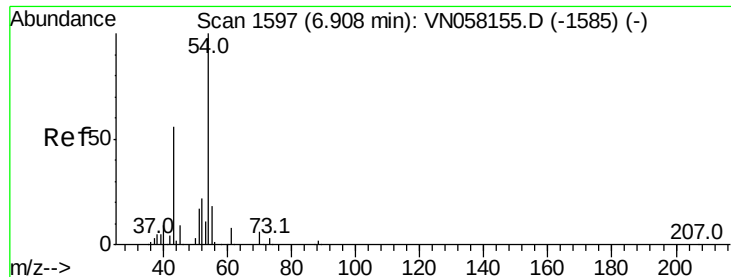


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 66.375 ug/l

RT: 6.91 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

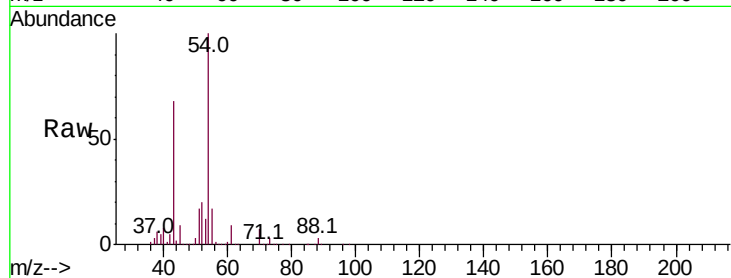
Tot Ion: 43 Resp: 721624

Ion Ratio Lower Upper

43 100

61 13.9 10.7 16.1

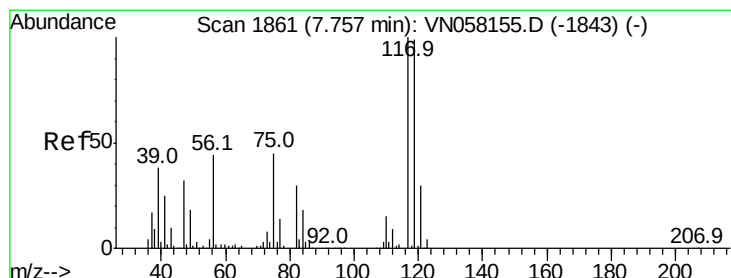
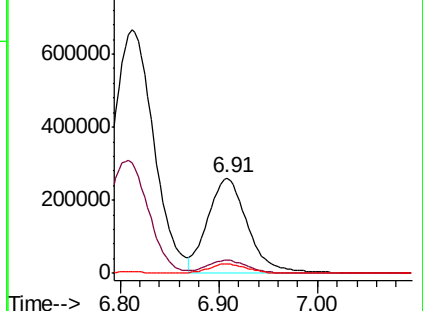
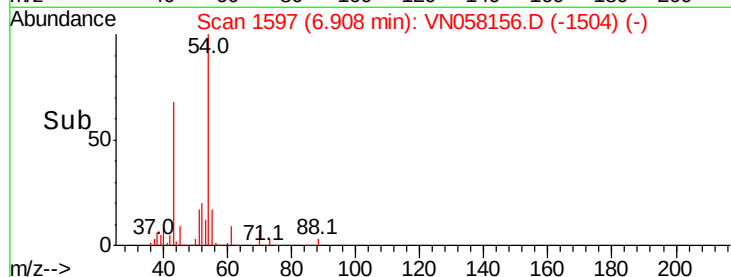
70 9.7 7.6 11.4



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: 71.891 ug/l

RT: 7.76 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

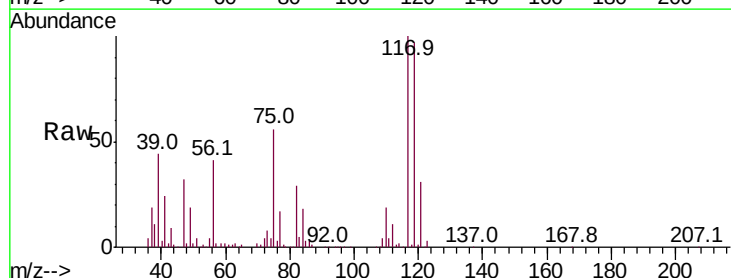
Tgt Ion: 117 Resp: 691341

Ion Ratio Lower Upper

117 100

119 97.0 78.6 117.8

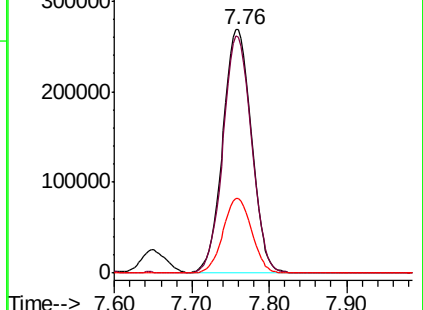
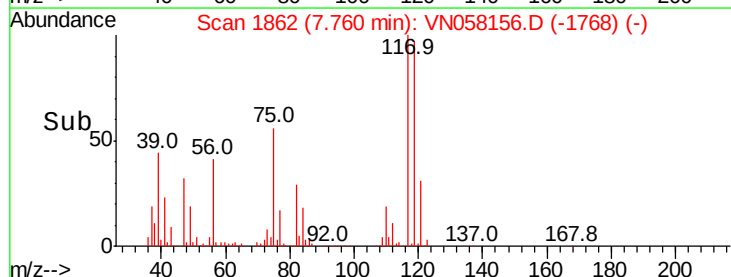
121 30.7 24.1 36.1

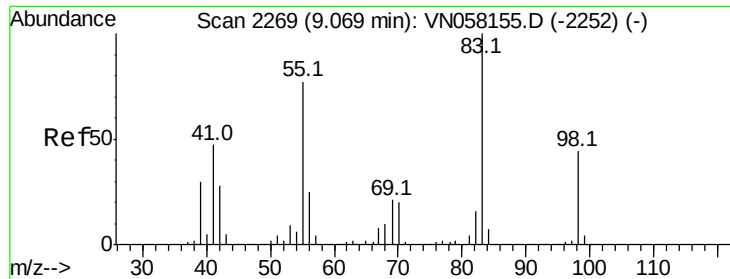


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

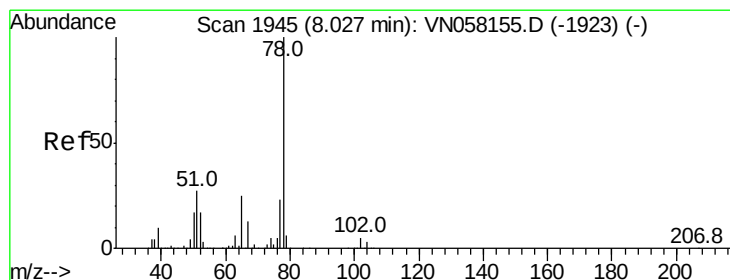
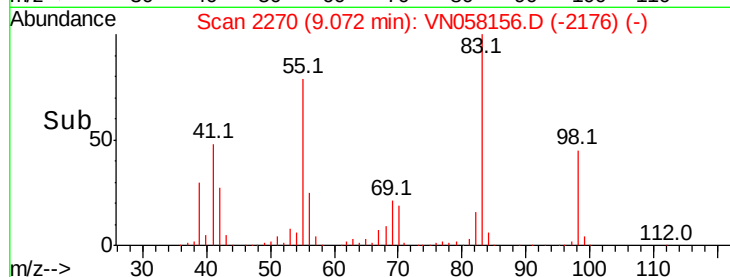
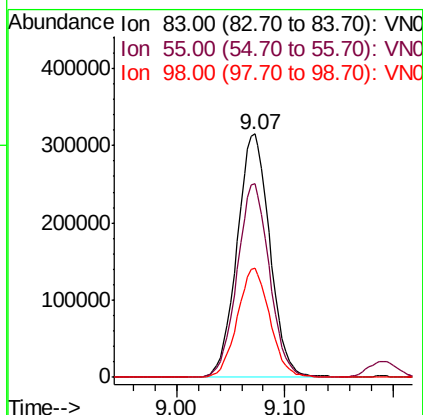
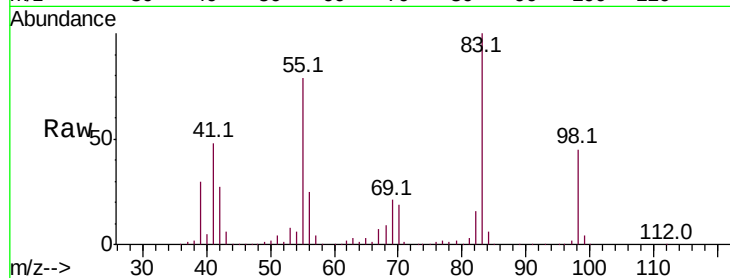




#39
Methylvlcyclohexane
Concen: 60.608 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

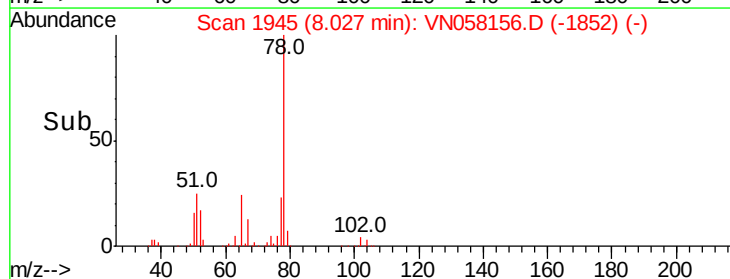
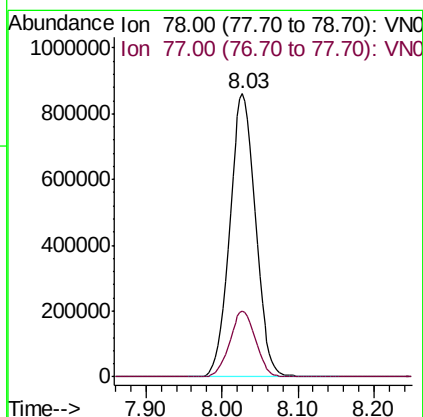
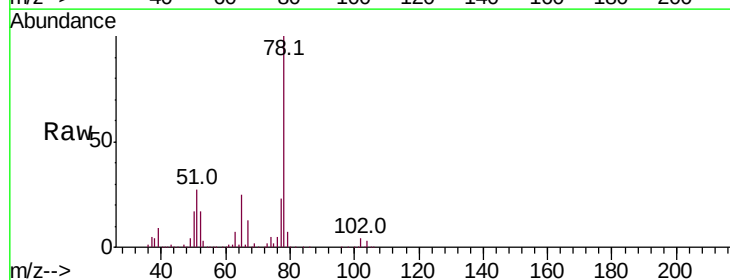
Instrument :
MSVOA_N
ClientSampled :

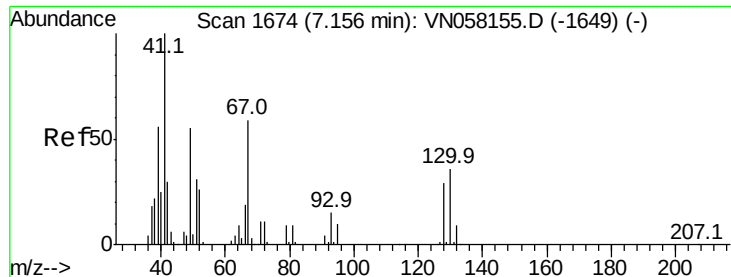
Tot Ion: 83 Resp: 666599
Ion Ratio Lower Upper
83 100
55 79.3 61.9 92.9
98 44.6 35.4 53.2



#40
Benzene
Concen: 63.901 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion: 78 Resp: 2017893
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

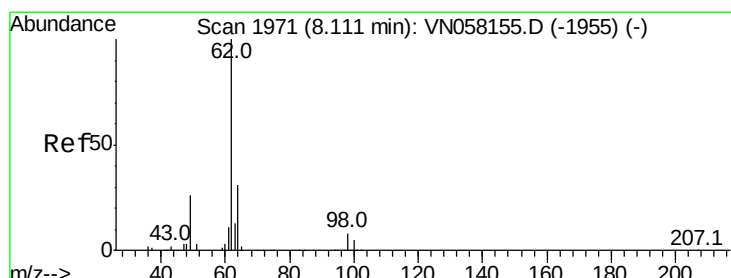
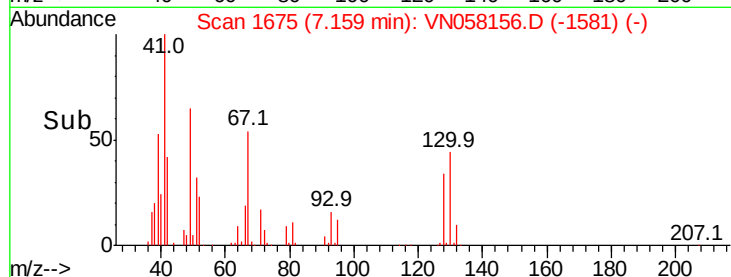
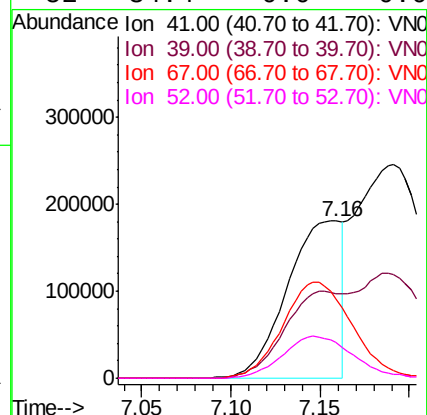
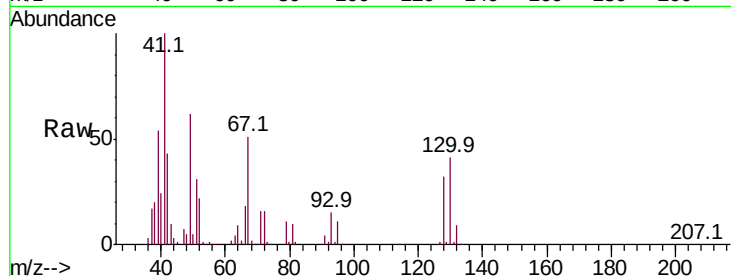




#41
Methacrylonitrile
Concen: 78.367 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

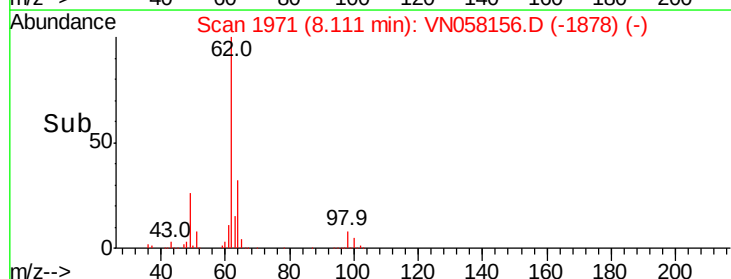
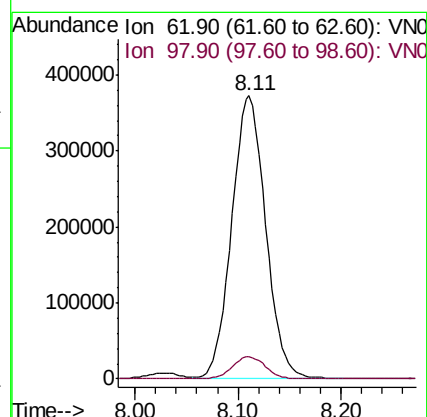
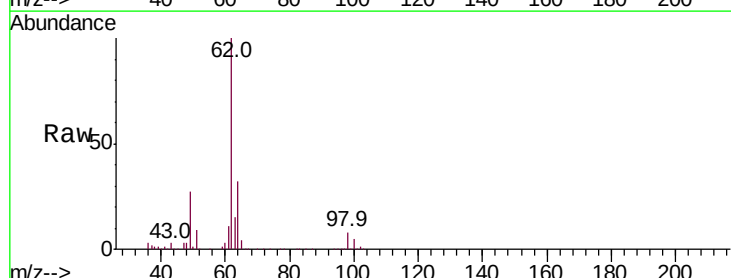
Instrument :
MSVOA_N
ClientSampled :

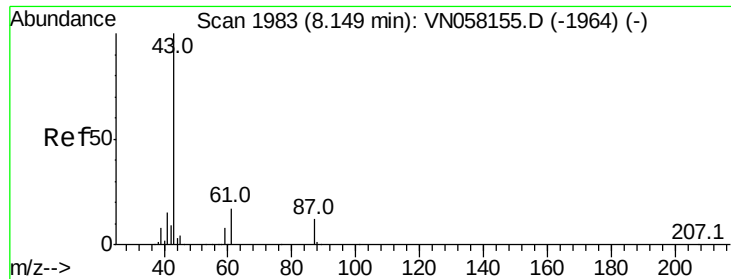
Tot Ion: 41 Resp: 386331
Ion Ratio Lower Upper
41 100
39 56.4 0.0 0.0#
67 77.8 0.0 0.0#
52 34.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 67.277 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion: 62 Resp: 852484
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.6





#43

Isopropyl Acetate

Concen: 72.286 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

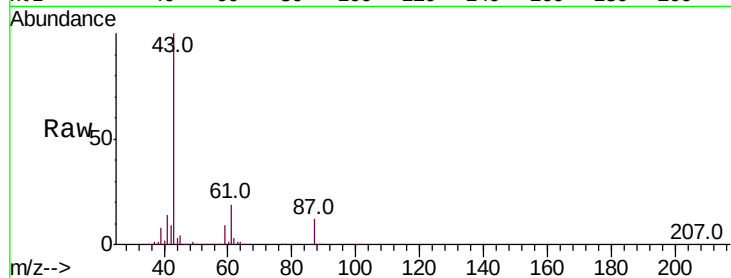
Tot Ion: 43 Resp: 1322111

Ion Ratio Lower Upper

43 100

61 24.5 19.7 29.5

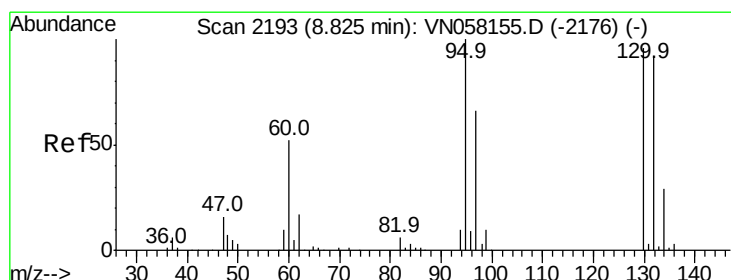
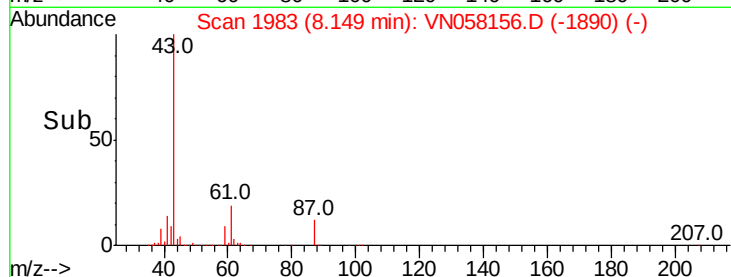
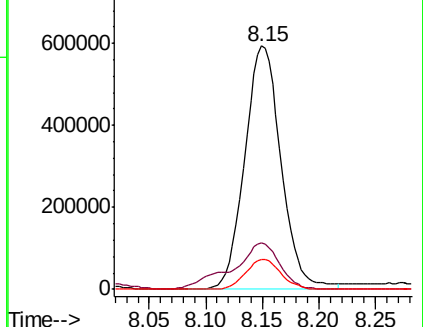
87 12.1 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN058155.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN058155.D (-1964) (-)



#44

Trichloroethene

Concen: 64.856 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058156.D

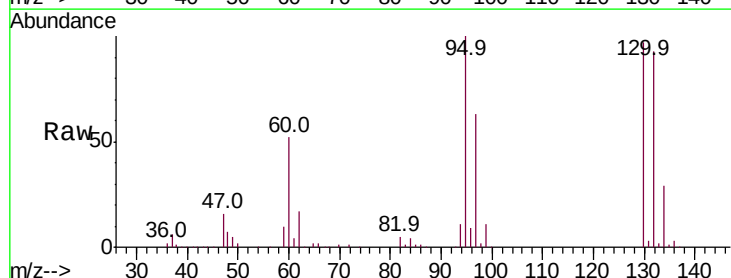
Acq: 18 Sep 2019 10:49

Tgt Ion:130 Resp: 503760

Ion Ratio Lower Upper

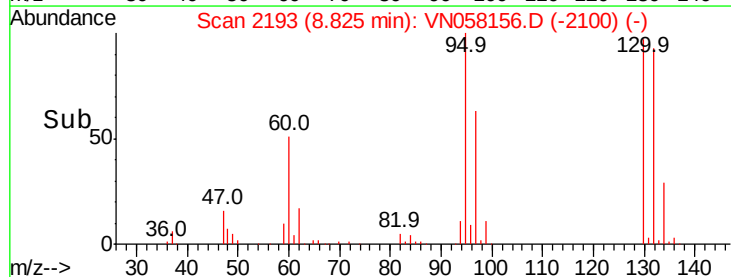
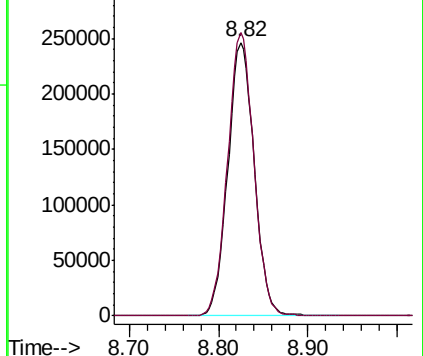
130 100

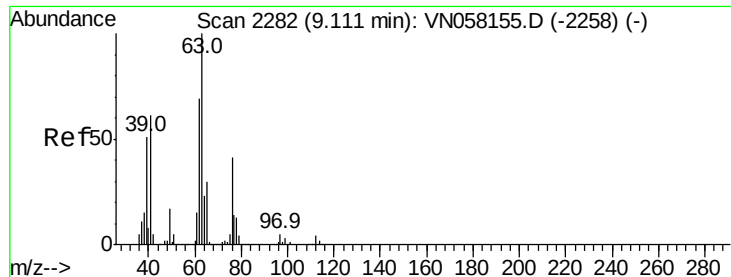
95 103.5 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VN058155.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058155.D (-2176) (-)

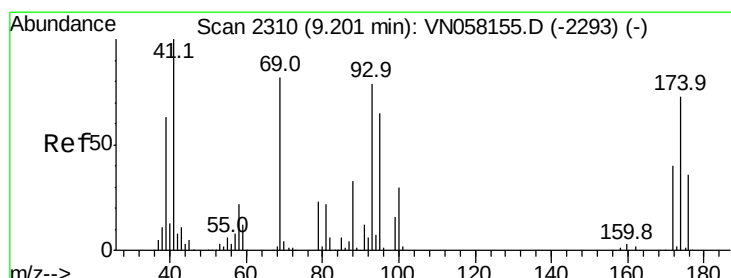
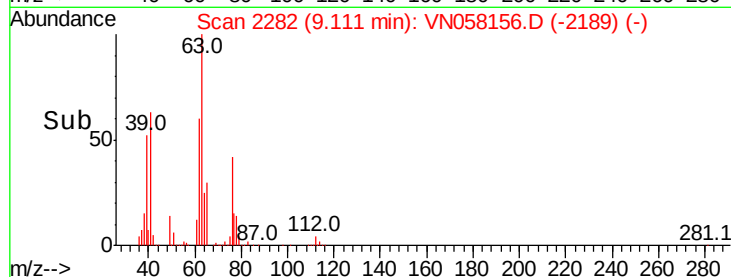
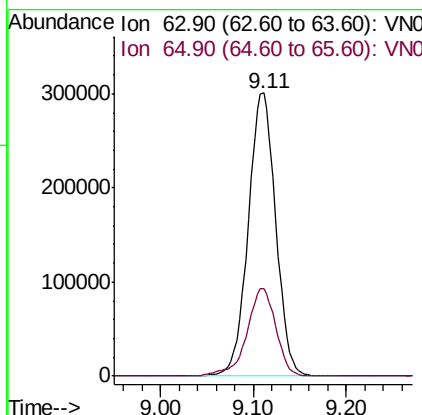
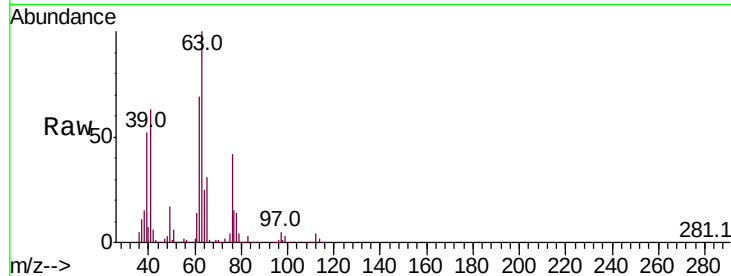




#45
 1,2-Dichloropropane
 Concen: 67.122 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

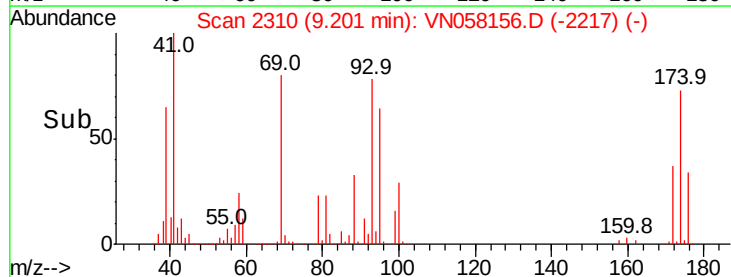
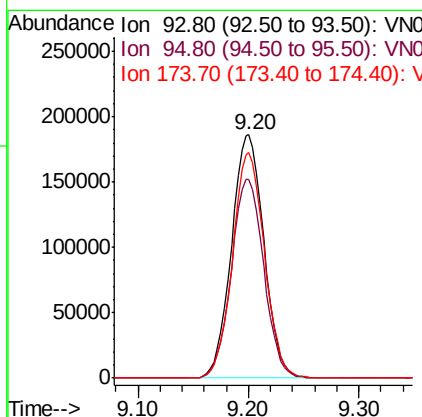
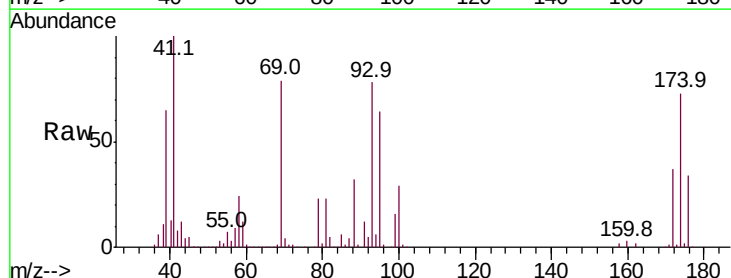
Instrument :
 MSVOA_N
 ClientSampleId :

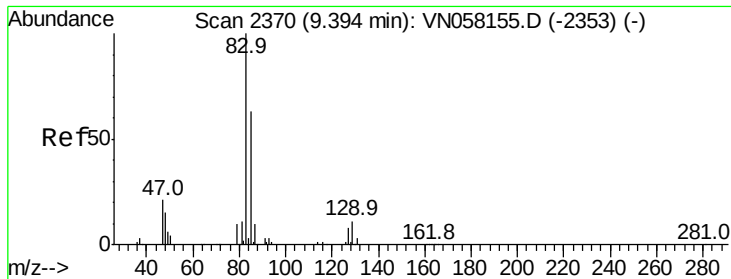
Tot Ion: 63 Resp: 619095
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.8 35.6



#46
 Dibromomethane
 Concen: 67.976 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

Tgt Ion: 93 Resp: 378469
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.8 100.2
 174 91.4 73.8 110.8





#47

Bromodichloromethane

Concen: 77.134 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :
MSVOA_N
ClientSampled :

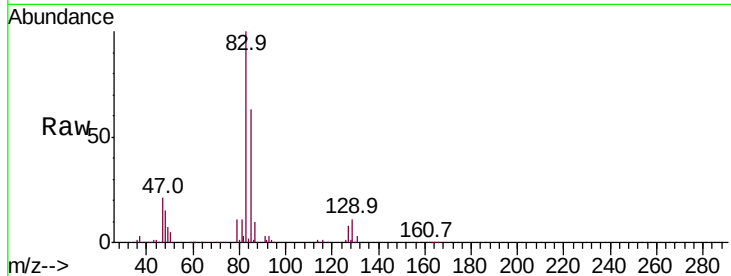
Tot Ion: 83 Resp: 855171

Ion Ratio Lower Upper

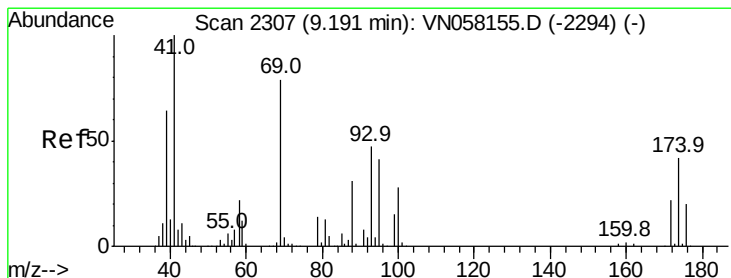
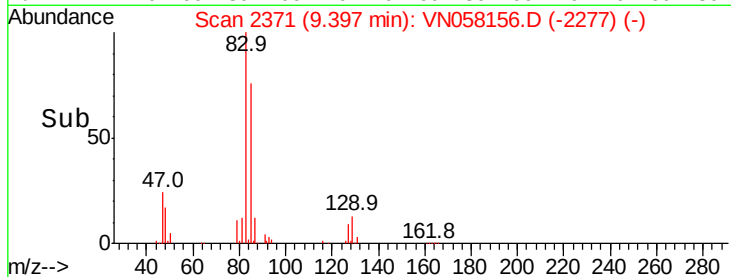
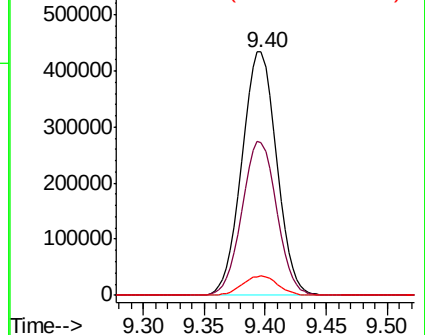
83 100

85 62.8 50.1 75.1

127 7.8 6.4 9.6



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



#48

Methyl methacrylate

Concen: 68.611 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

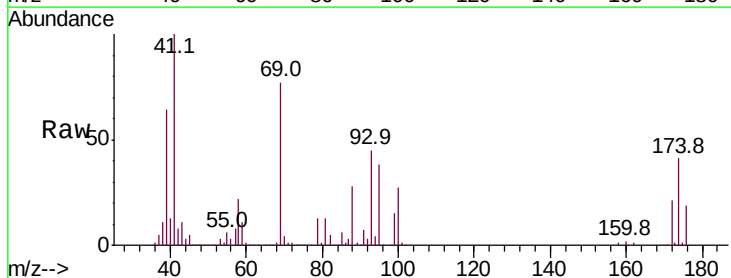
Tgt Ion: 41 Resp: 632971

Ion Ratio Lower Upper

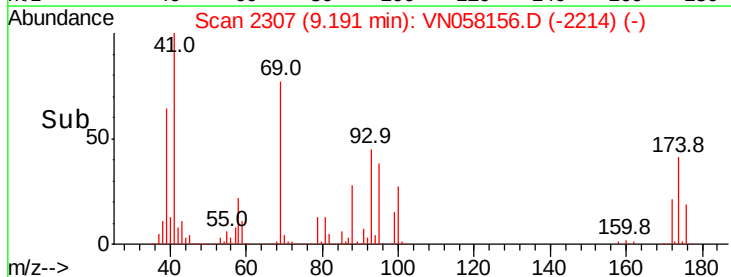
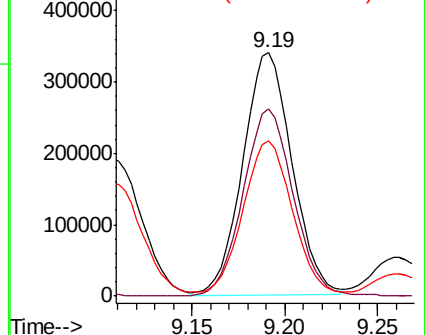
41 100

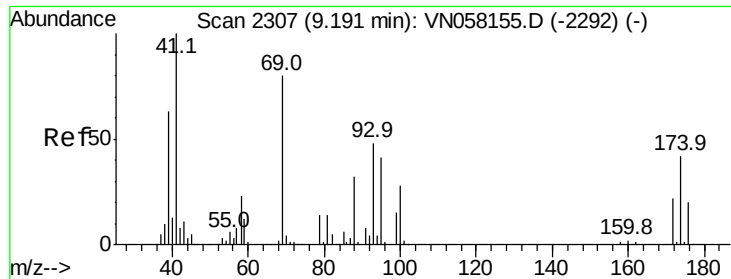
69 78.1 62.5 93.7

39 64.7 52.3 78.5



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

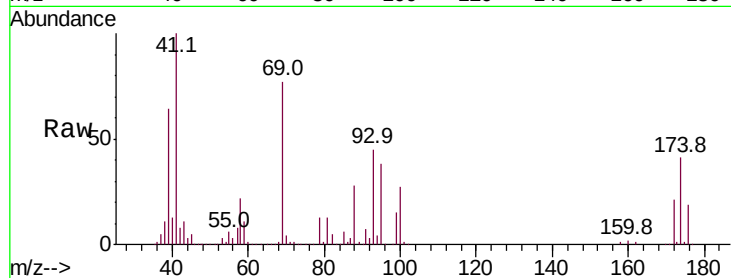




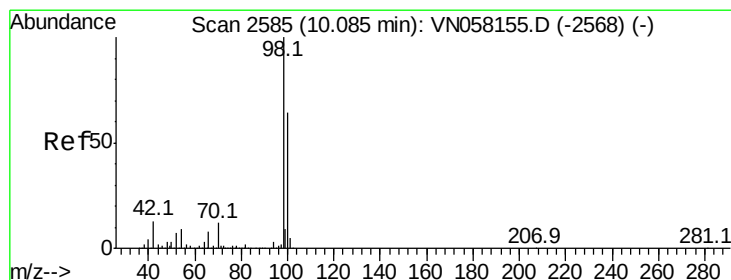
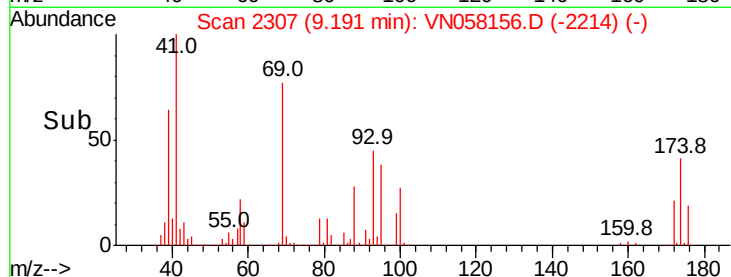
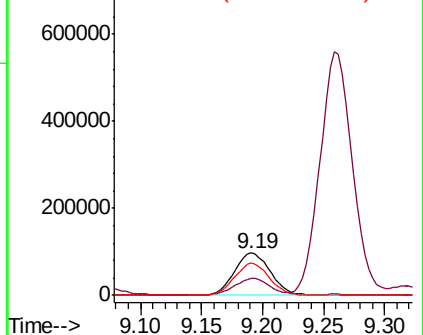
#49
1,4-Dioxane
Concen: 1271.278 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 199294
Ion Ratio Lower Upper
88 100
43 36.6 27.8 41.8
58 74.0 55.0 82.4

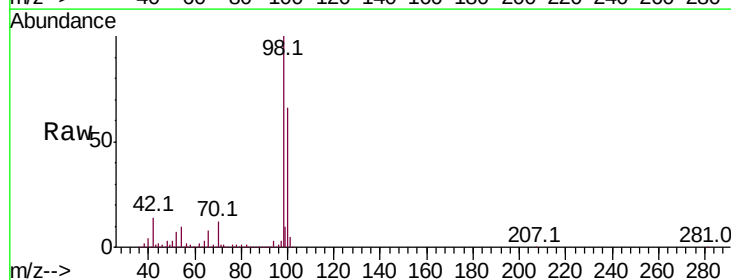


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

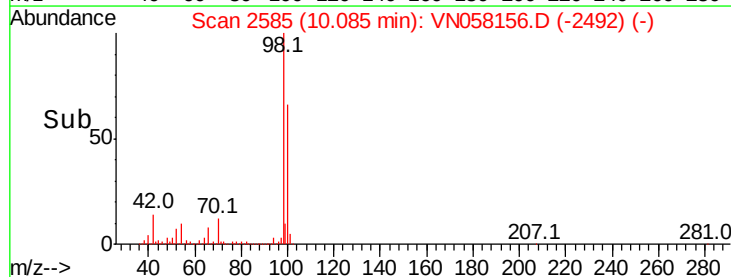
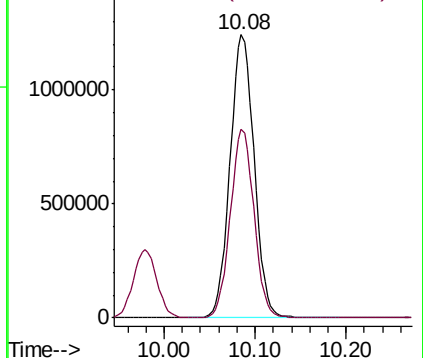


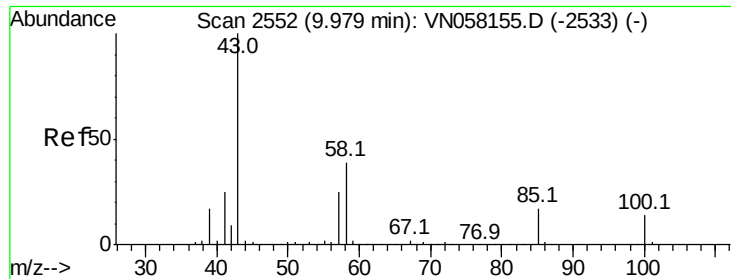
#50
Toluene-d8
Concen: 70.997 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion: 98 Resp: 2286362
Ion Ratio Lower Upper
98 100
100 65.3 51.1 76.7



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: 328.857 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

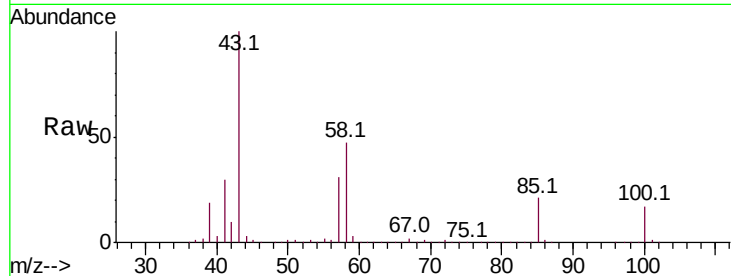
ClientSampled :

Tot Ion: 43 Resp: 3519386

Ion Ratio Lower Upper

43 100

58 42.0 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

2000000

1500000

1000000

500000

0

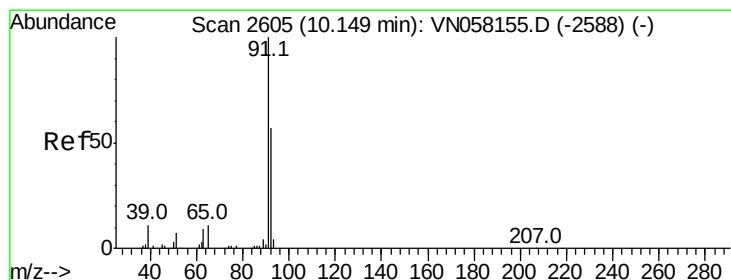
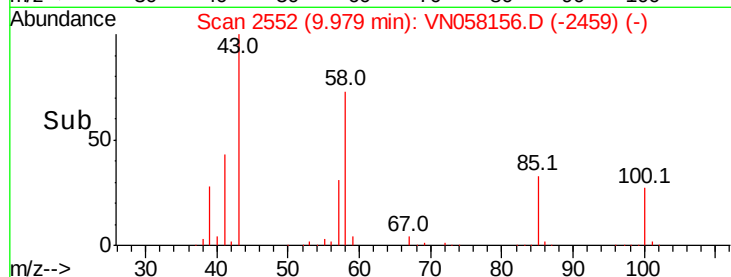
9.90

9.98

10.00

10.10

Time-->



#52

Toluene

Concen: 65.451 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058156.D

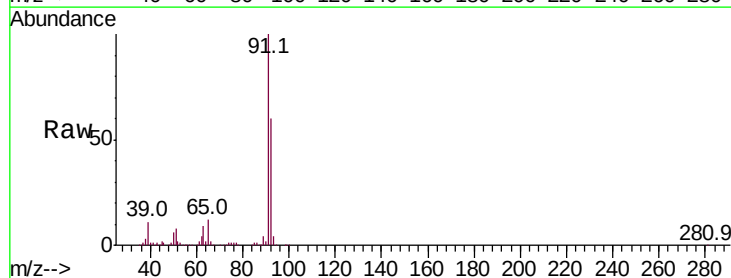
Acq: 18 Sep 2019 10:49

Tgt Ion: 92 Resp: 1300349

Ion Ratio Lower Upper

92 100

91 170.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

1000000

500000

0

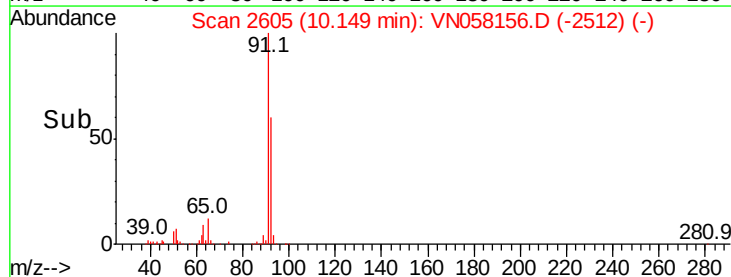
10.10

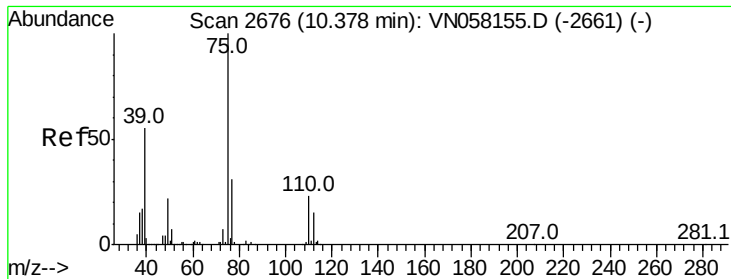
10.15

10.20

10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 79.118 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

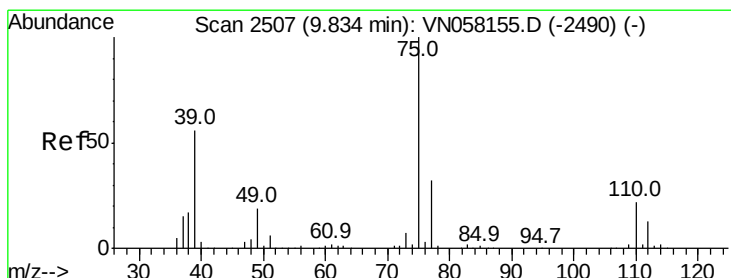
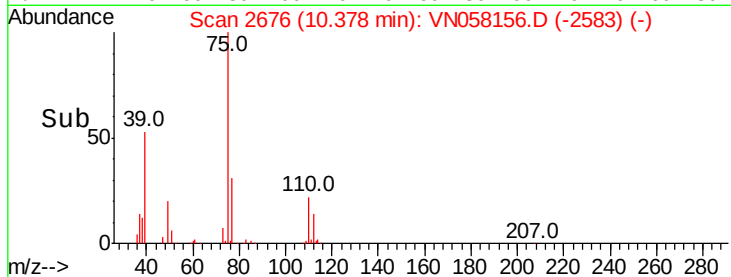
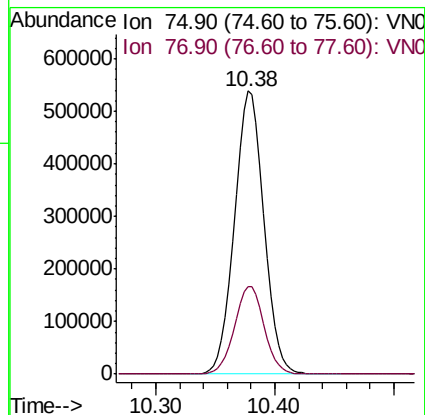
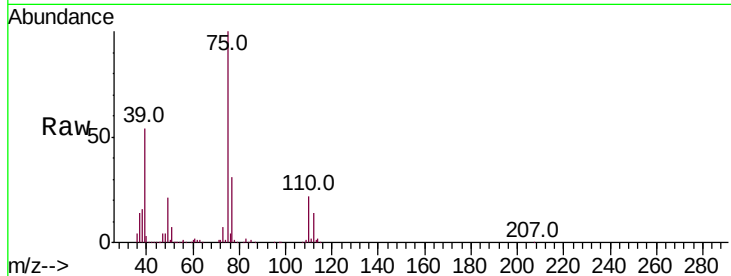
ClientSampleId :

Tot Ion: 75 Resp: 921839

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 75.280 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

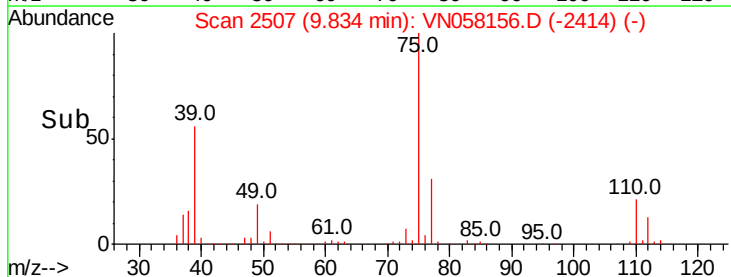
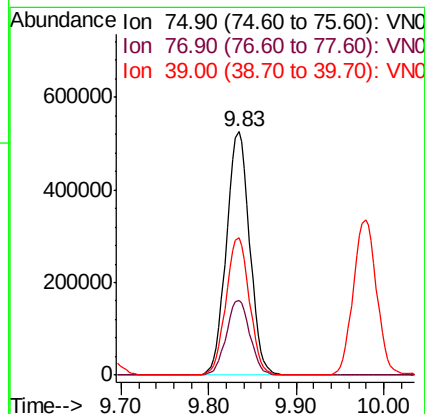
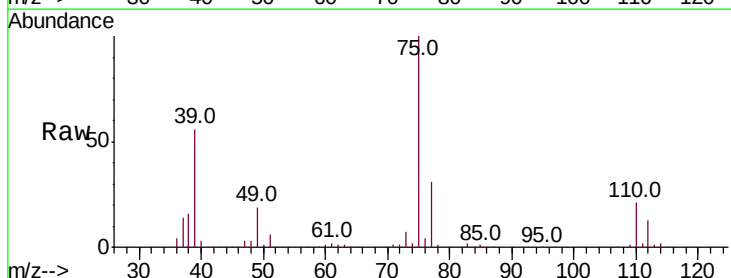
Tgt Ion: 75 Resp: 968959

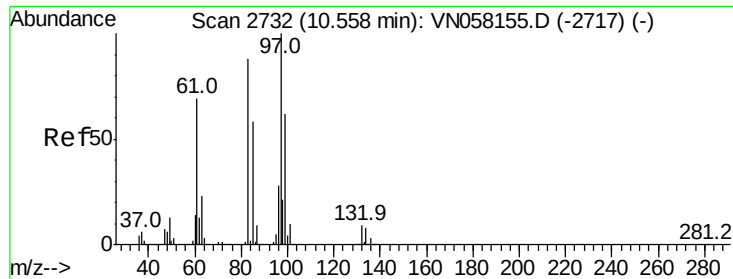
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

39 56.2 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 70.493 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

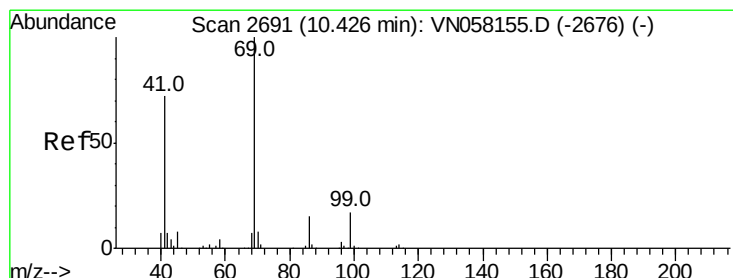
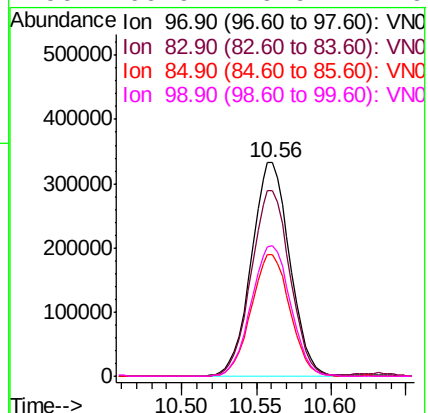
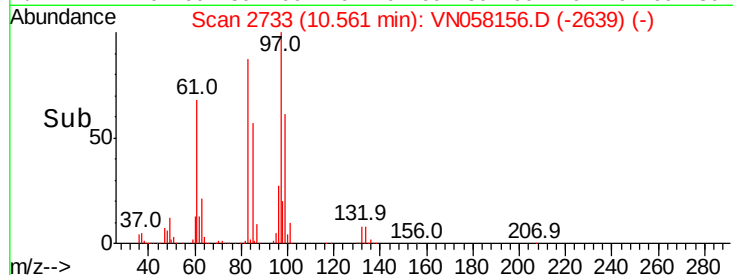
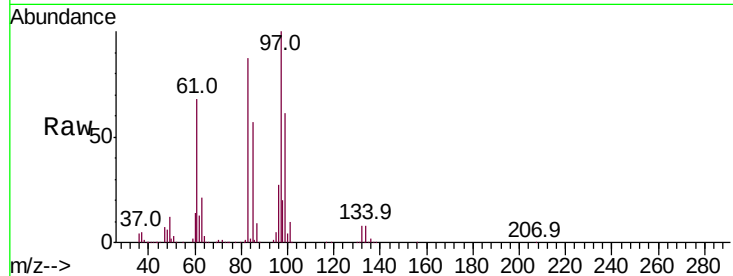
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 593996

Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.4	105.6
85	56.7	46.8	70.2
99	60.9	49.9	74.9



#56

Ethyl methacrylate

Concen: 73.196 ug/l

RT: 10.43 min Scan# 2691

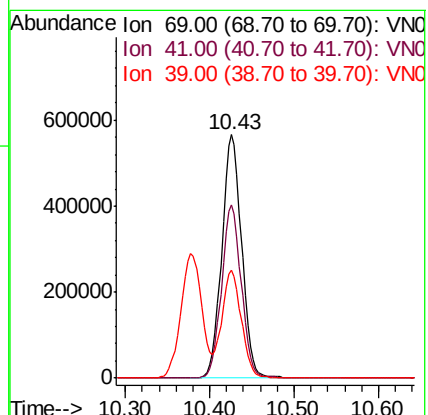
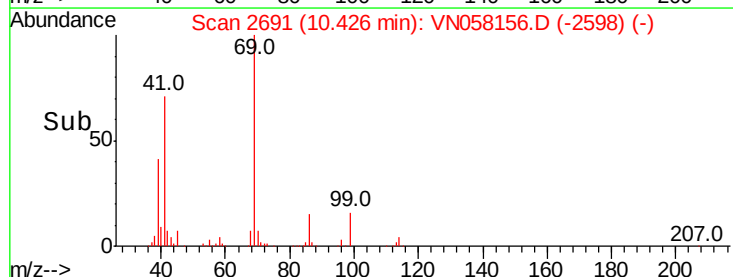
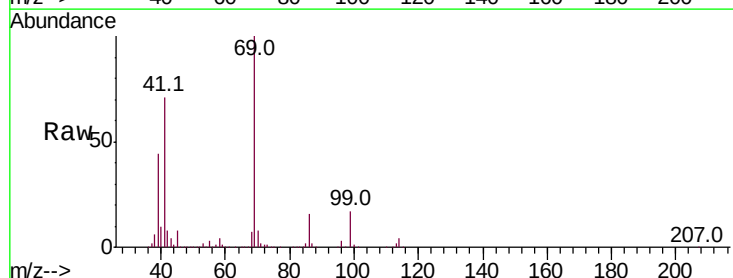
Delta R.T. -0.00 min

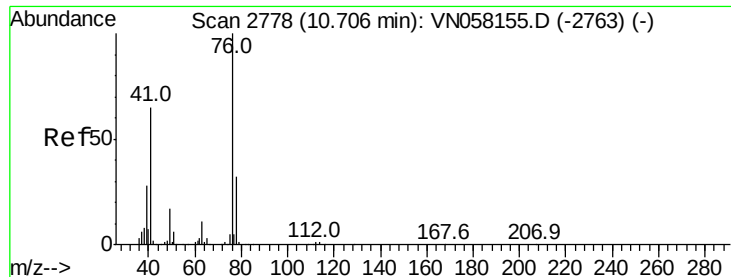
Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Tgt Ion: 69 Resp: 924047

Ion	Ratio	Lower	Upper
69	100		
41	70.1	57.5	86.3
39	43.5	36.1	54.1





#57

1,3-Dichloropropane

Concen: 68.979 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

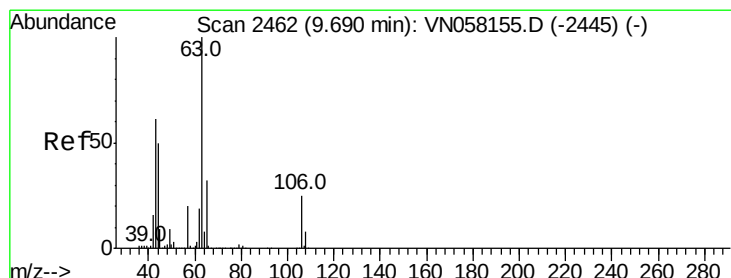
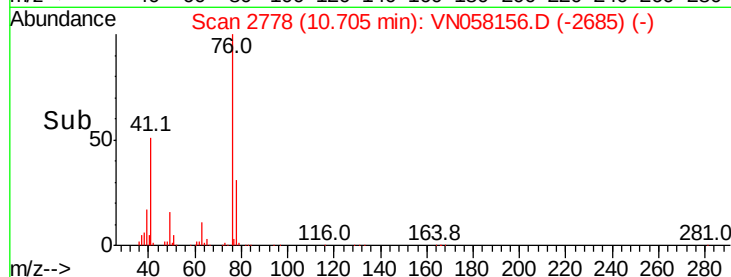
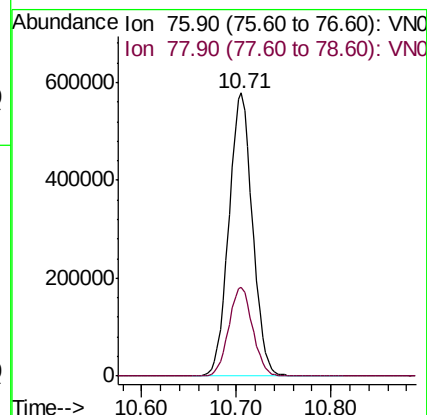
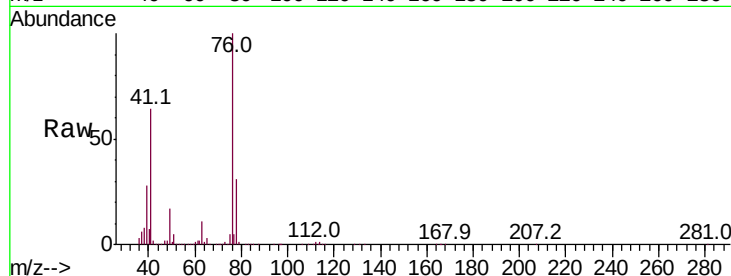
ClientSampleId :

Tot Ion: 76 Resp: 1001992

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 375.198 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VN058156.D

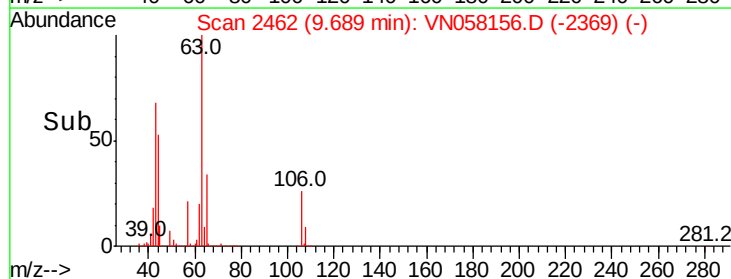
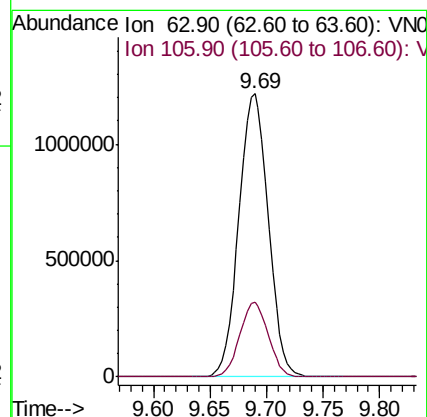
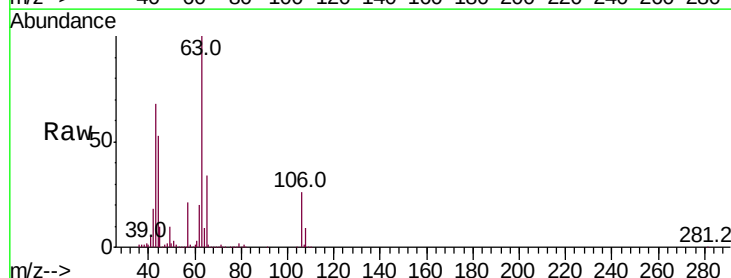
Acq: 18 Sep 2019 10:49

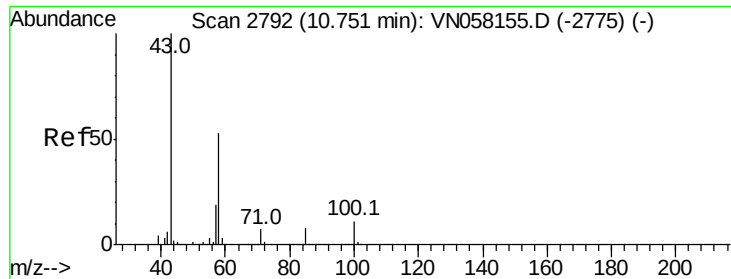
Tgt Ion: 63 Resp: 2209753

Ion Ratio Lower Upper

63 100

106 25.6 19.9 29.9

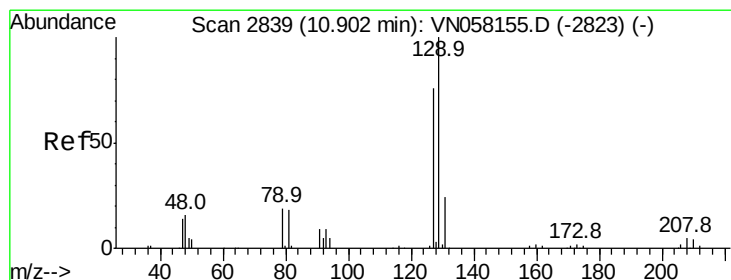
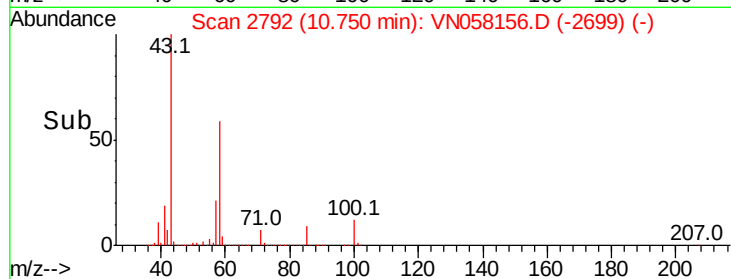
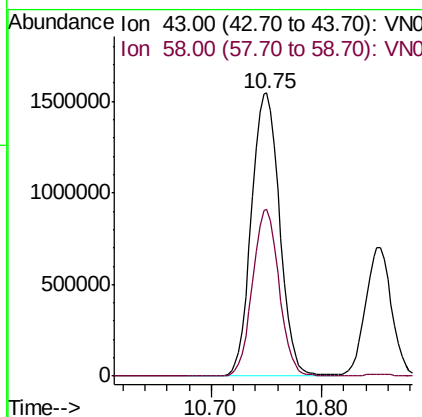
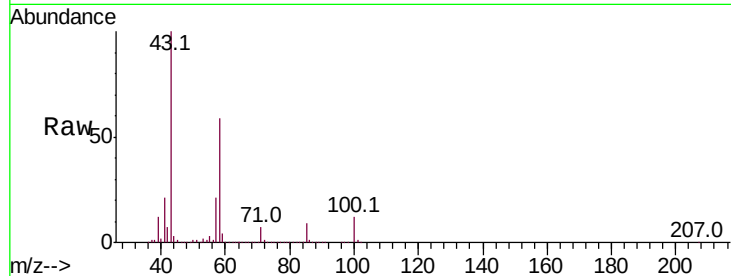




#59
2-Hexanone
Concen: 341.928 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

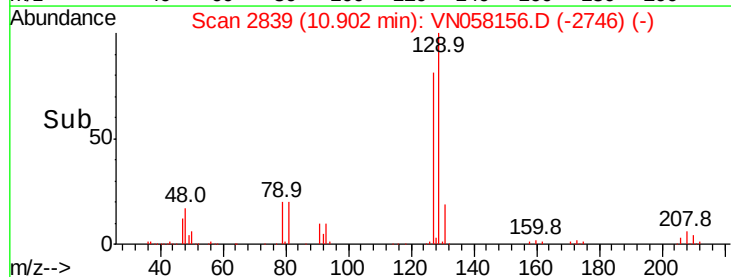
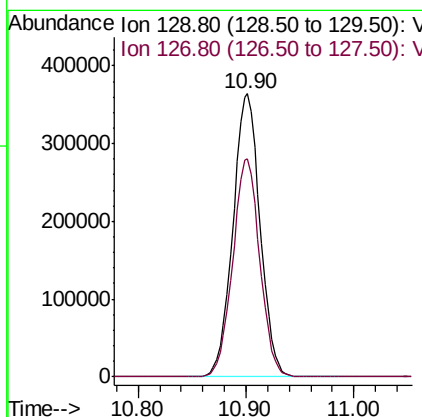
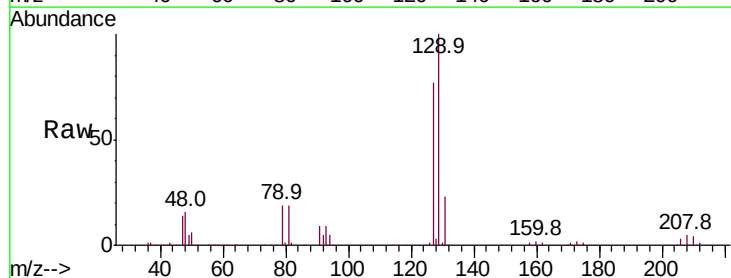
Instrument :
MSVOA_N
ClientSampleId :

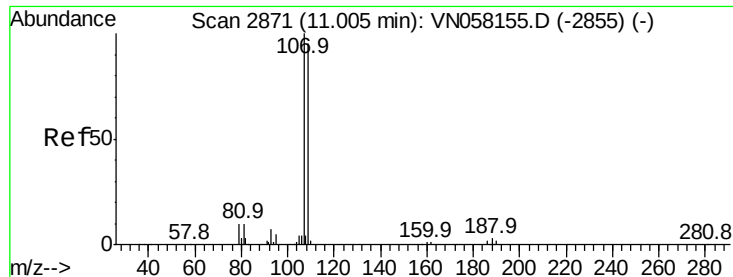
Tot Ion: 43 Resp: 2735860
Ion Ratio Lower Upper
43 100
58 55.6 26.0 78.0



#60
Dibromochloromethane
Concen: 81.838 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion: 129 Resp: 639409
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

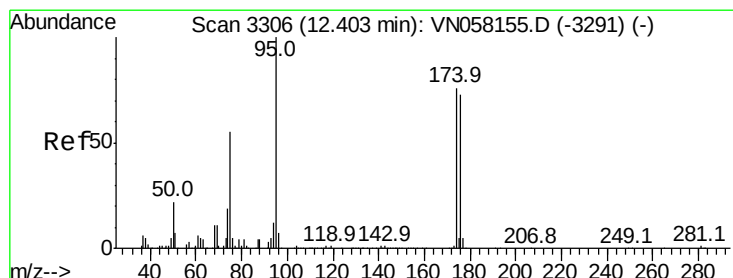
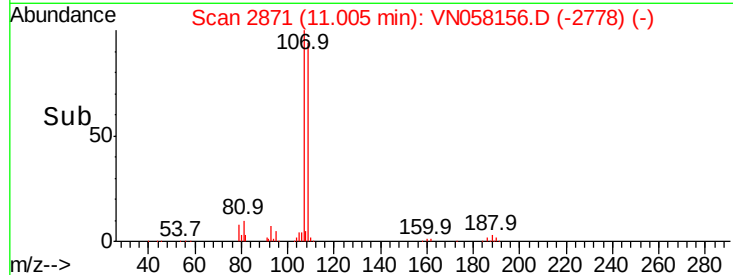
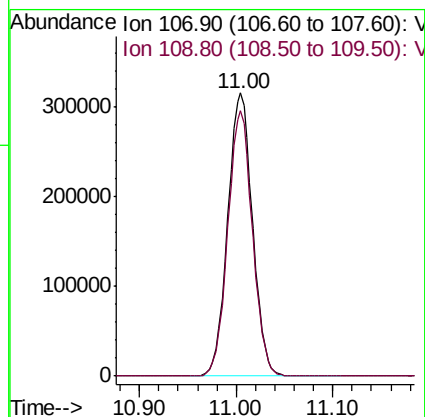
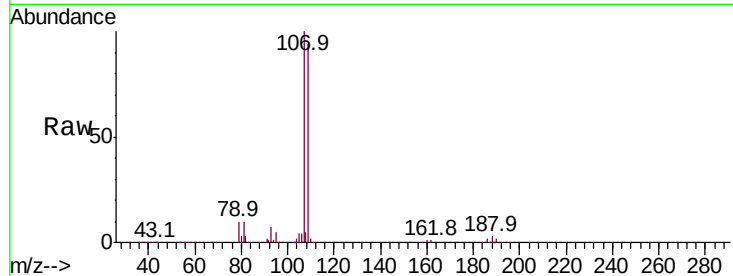




#61
 1,2-Dibromoethane
 Concen: 70.452 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

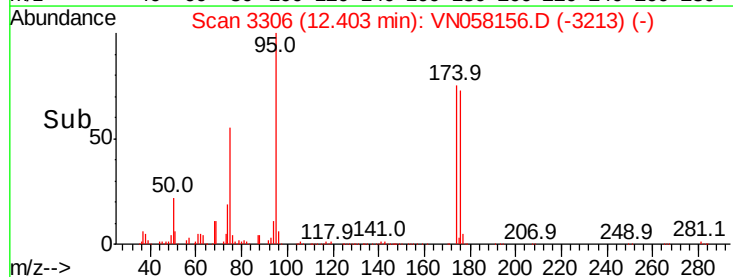
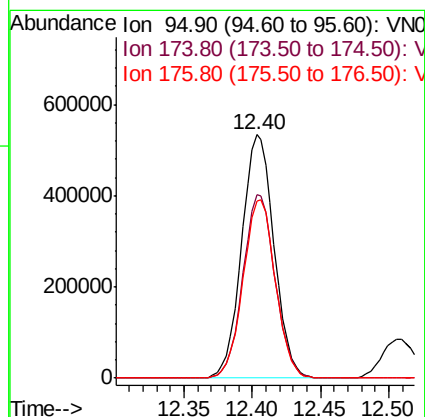
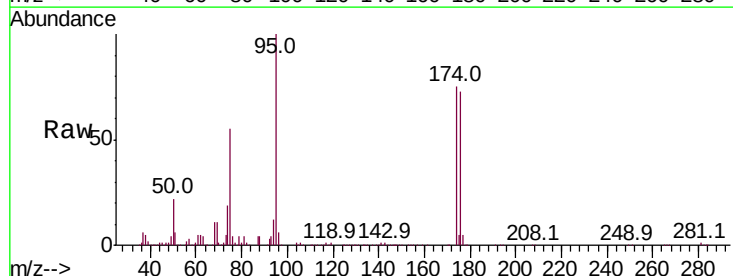
Instrument :
 MSVOA_N
 ClientSampled :

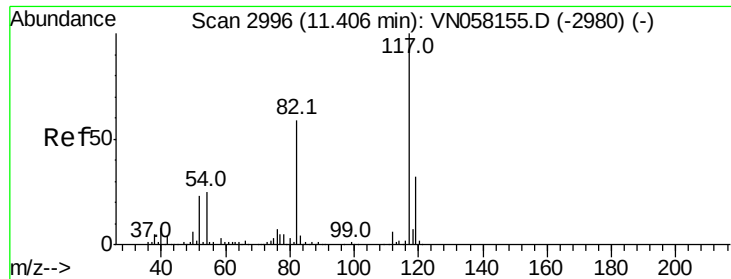
Tot Ion:107 Resp: 559736
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 70.728 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

Tgt Ion: 95 Resp: 875741
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 152.2
 176 73.2 0.0 148.0

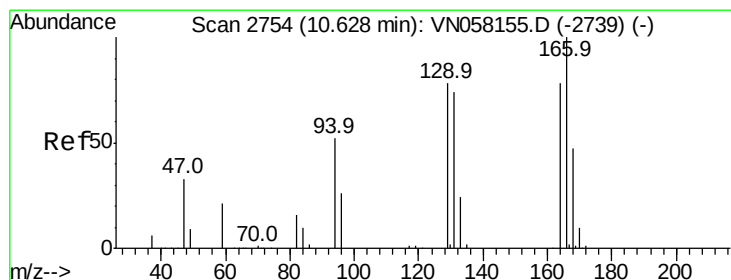
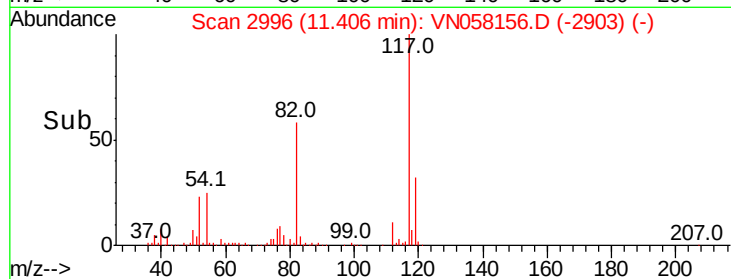
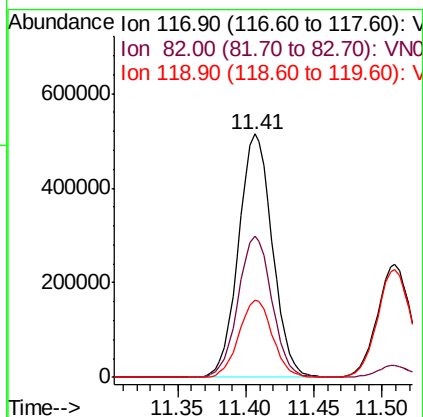
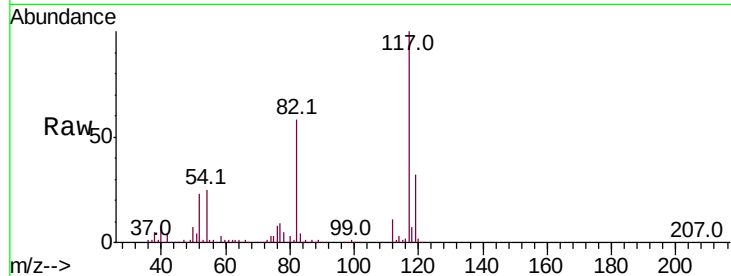




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

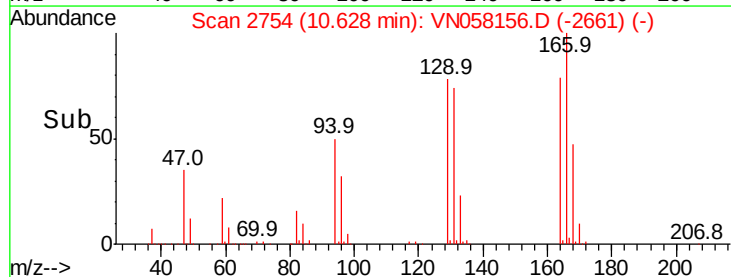
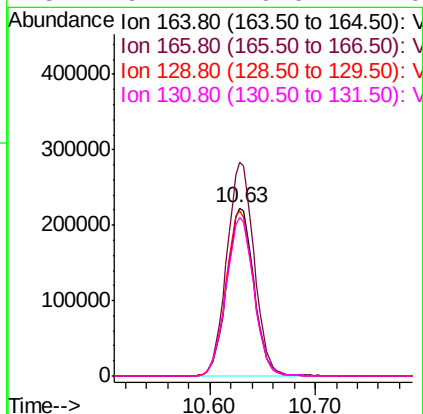
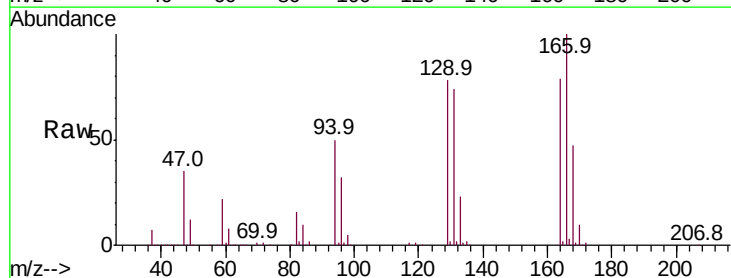
Instrument :
MSVOA_N
ClientSampleId :

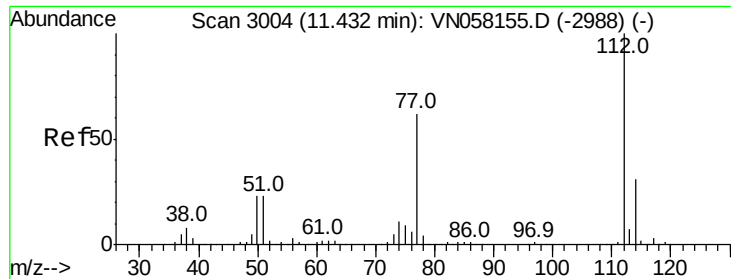
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.9	70.3
119	31.7	25.3	37.9



#64
Tetrachloroethene
Concen: 64.399 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.2	153.4
129	98.5	79.6	119.4
131	94.2	76.0	114.0

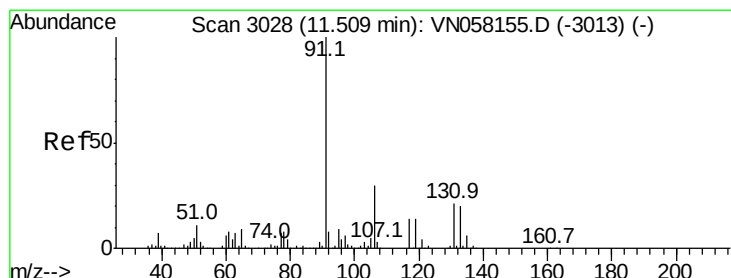
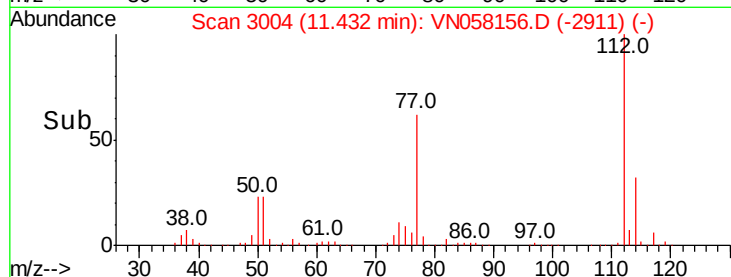
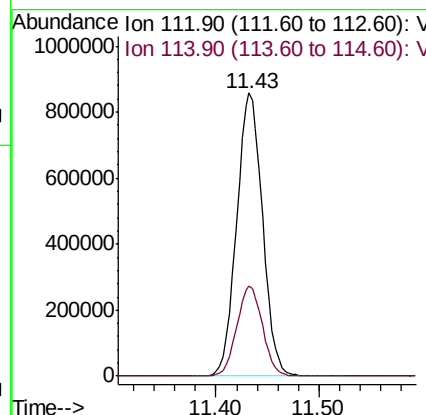
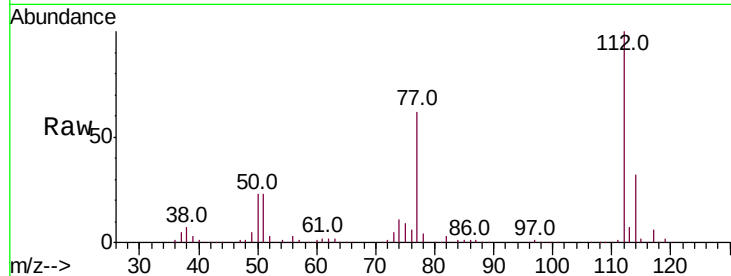




#65
Chlorobenzene
Concen: 68.633 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

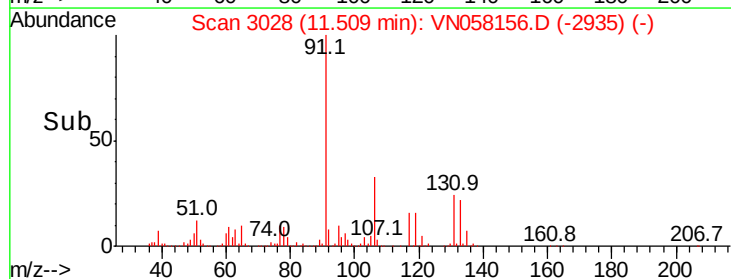
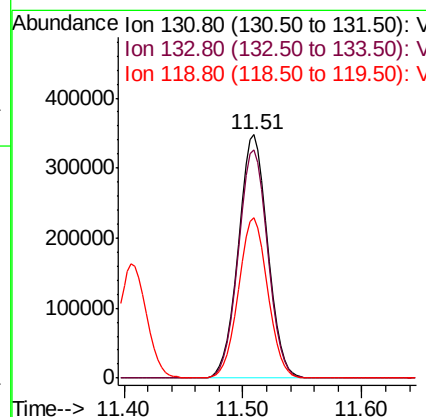
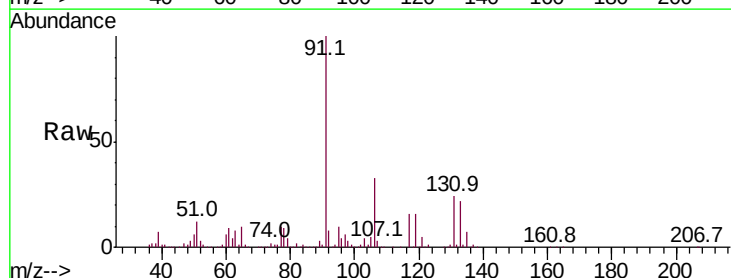
Instrument :
MSVOA_N
ClientSampled :

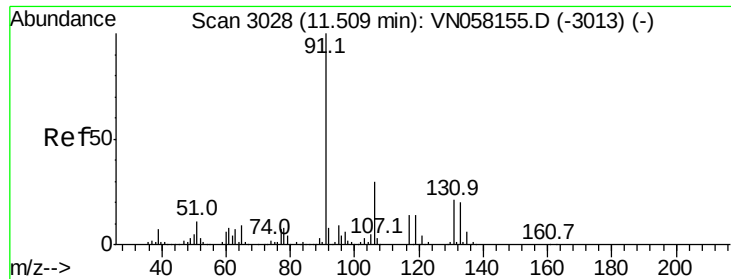
Tot Ion:112 Resp: 1494114
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 78.203 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion:131 Resp: 592228
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.3
119 65.8 33.1 99.3

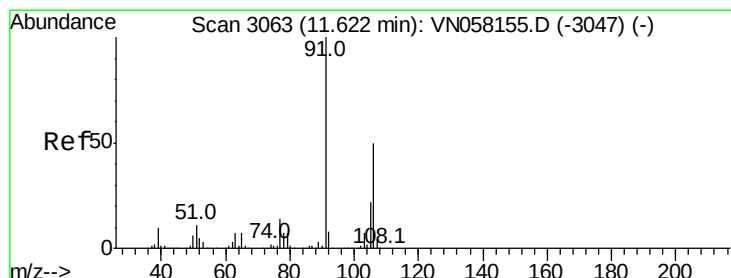
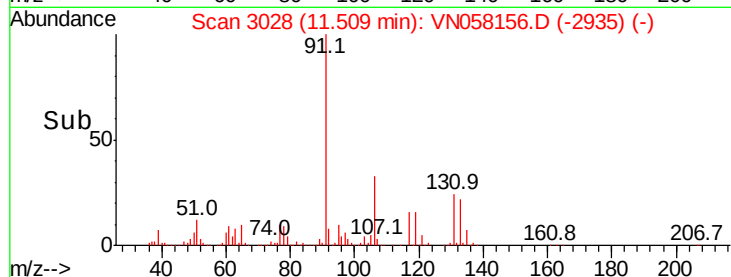
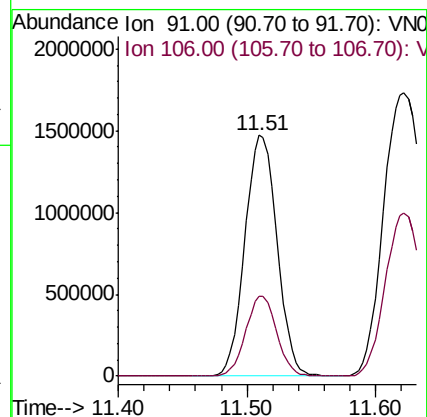
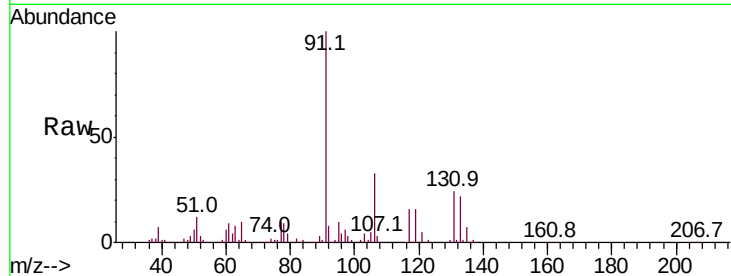




#67
Ethyl Benzene
Concen: 67.107 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

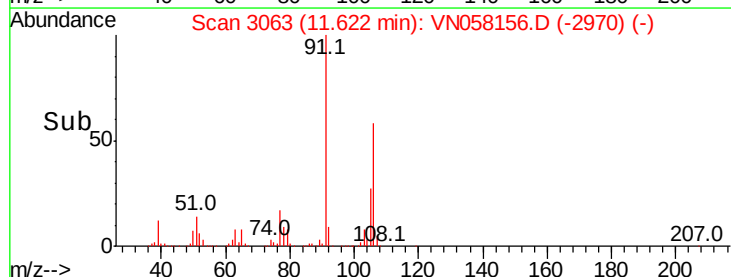
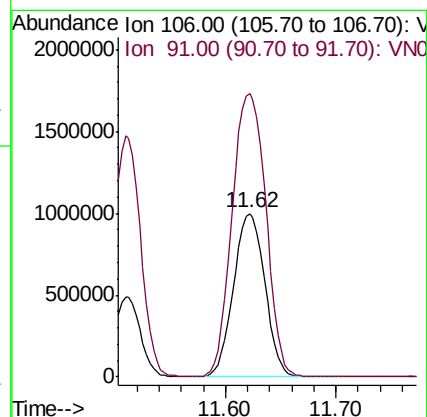
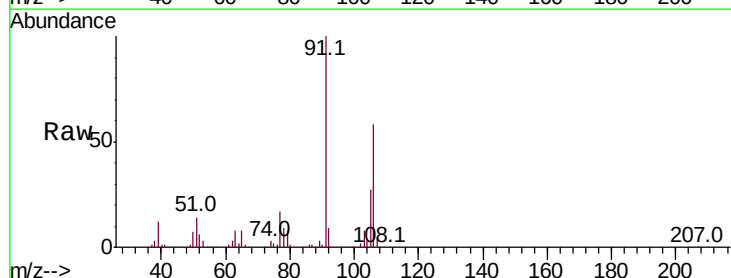
Instrument :
MSVOA_N
ClientSampled :

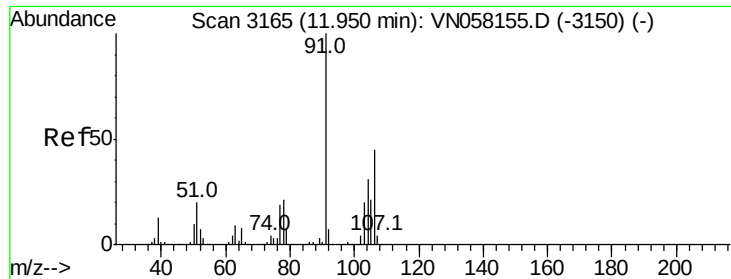
Tot Ion: 91 Resp: 2557645
Ion Ratio Lower Upper
91 100
106 33.5 24.0 36.0



#68
m/p-Xylenes
Concen: 140.729 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion: 106 Resp: 1963975
Ion Ratio Lower Upper
106 100
91 187.2 163.6 245.4

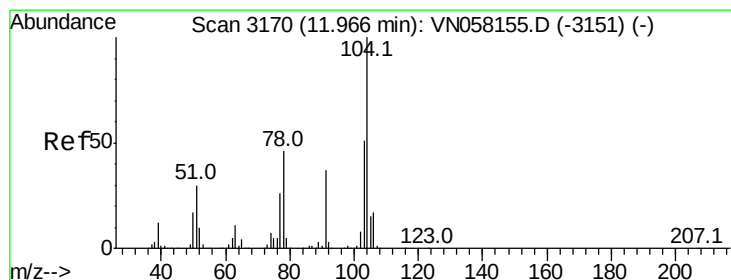
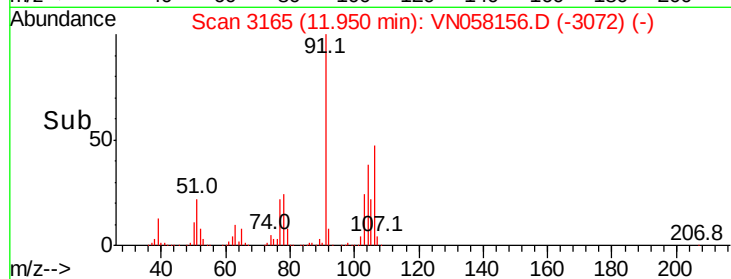
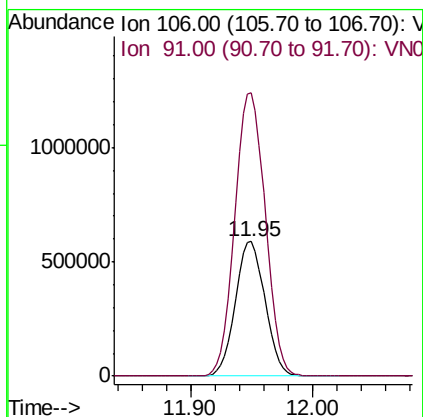
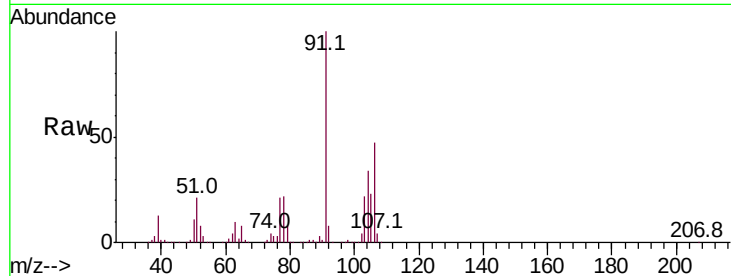




#69
o-Xylene
Concen: 71.679 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

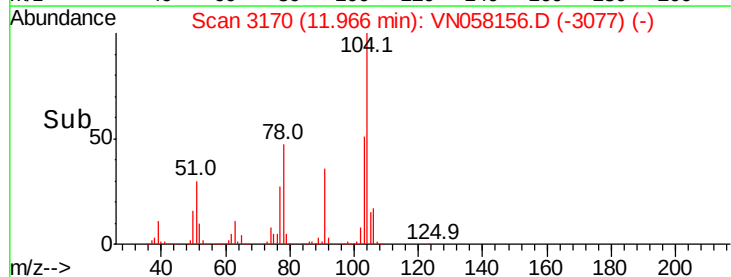
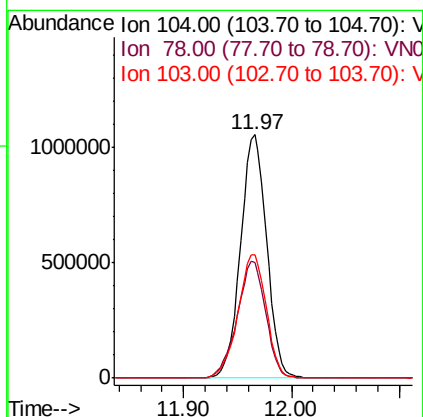
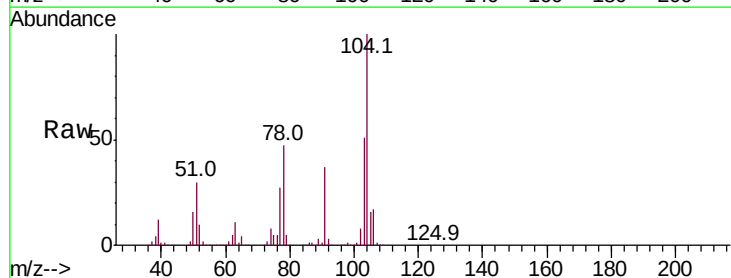
Instrument :
MSVOA_N
ClientSampled :

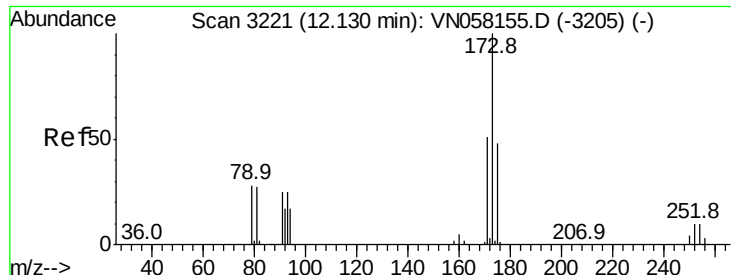
Tot Ion:106 Resp: 991435
Ion Ratio Lower Upper
106 100
91 215.9 111.8 335.3



#70
Styrene
Concen: 74.862 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058156.D
Acq: 18 Sep 2019 10:49

Tgt Ion:104 Resp: 1781686
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.8
103 55.0 44.2 66.2





#71

Bromoform

Concen: 88.512 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

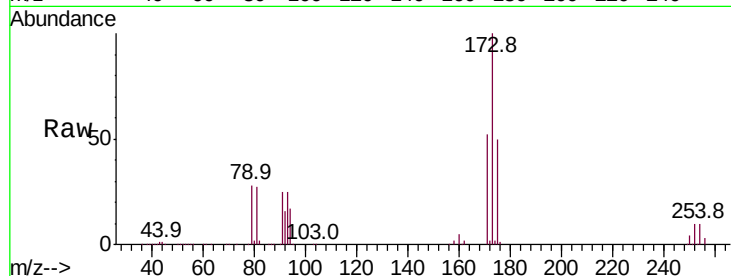
Tot Ion:173 Resp: 416345

Ion Ratio Lower Upper

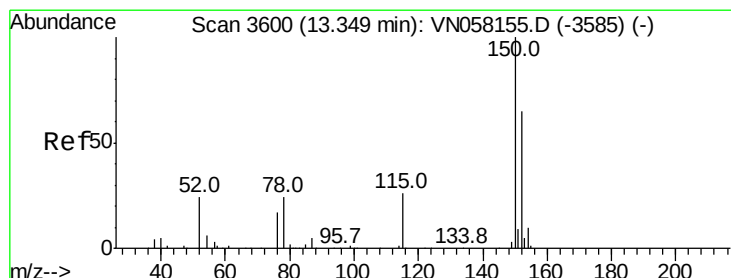
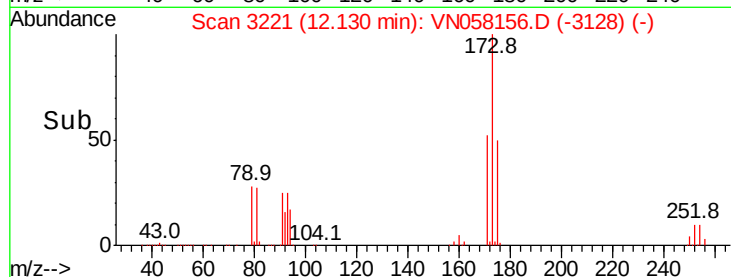
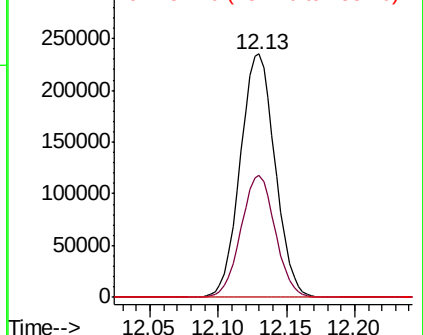
173 100

175 49.3 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

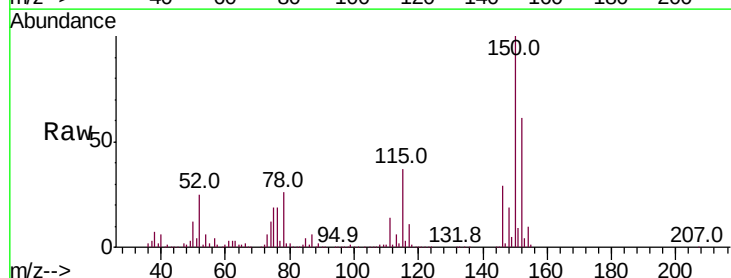
Tgt Ion:152 Resp: 445226

Ion Ratio Lower Upper

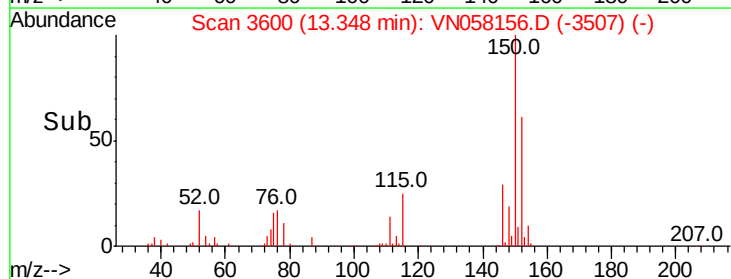
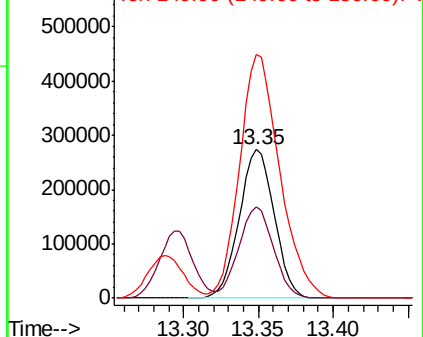
152 100

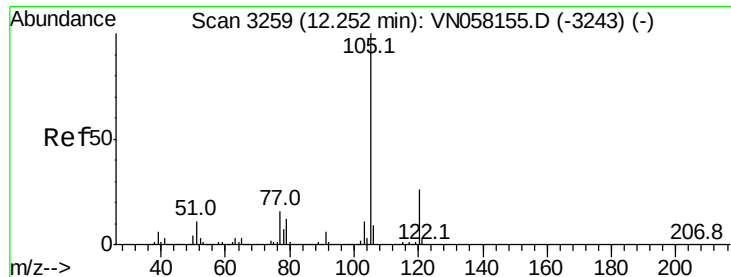
115 61.0 30.1 90.3

150 188.0 0.0 346.4



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: 79.855 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

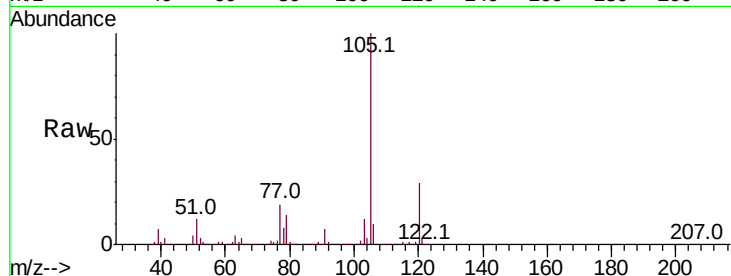
ClientSampleId :

Tot Ion:105 Resp: 2664512

Ion Ratio Lower Upper

105 100

120 27.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

1500000

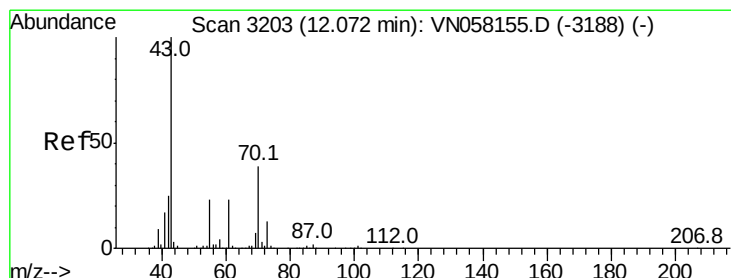
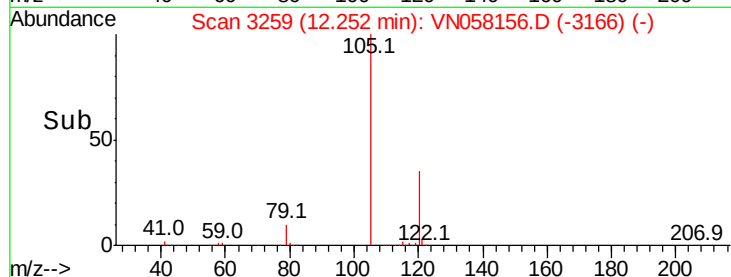
1000000

500000

0

Time-->

12.20 12.30



#74

N-amyl acetate

Concen: 87.315 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Tgt Ion: 43 Resp: 1260850

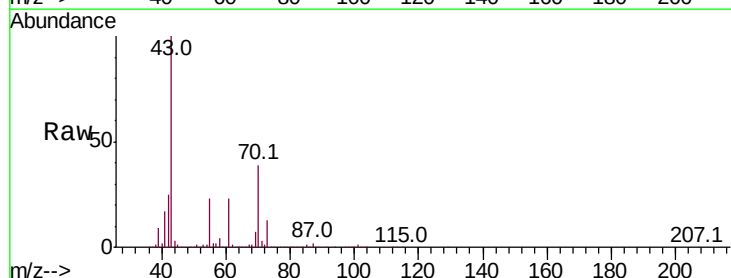
Ion Ratio Lower Upper

43 100

70 39.4 31.0 46.6

55 23.0 18.5 27.7

61 22.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

1200000

1000000

800000

600000

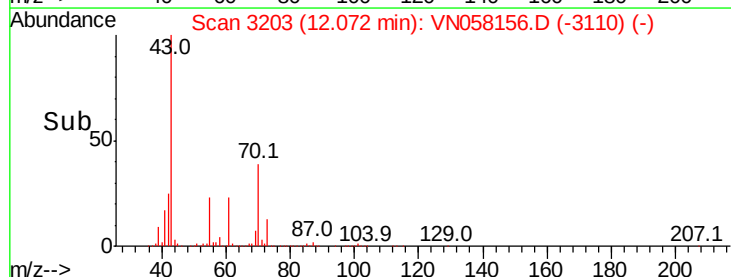
400000

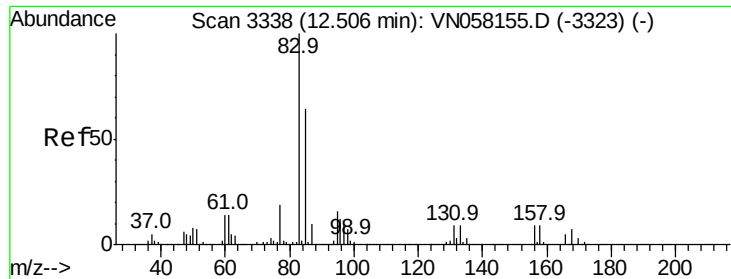
200000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 81.649 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

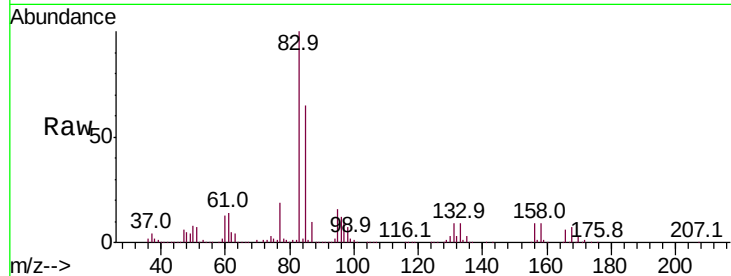
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 83 Resp: 916726

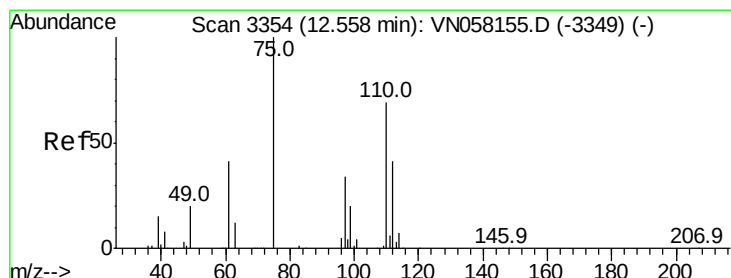
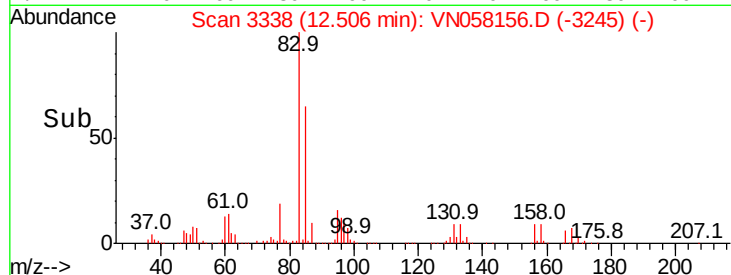
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.8	14.3
85	64.3	31.9	95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 118.964 ug/l

RT: 12.56 min Scan# 3354

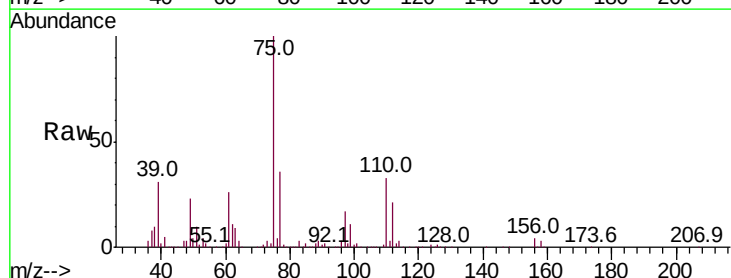
Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

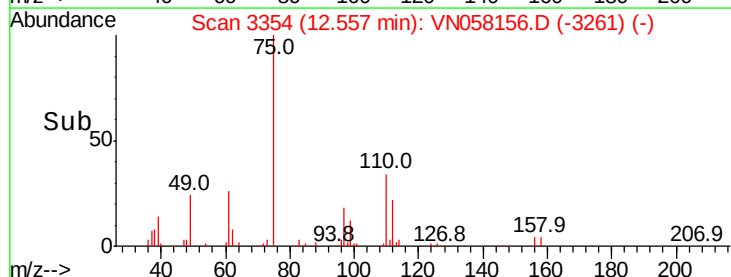
Tgt Ion: 75 Resp: 1149285

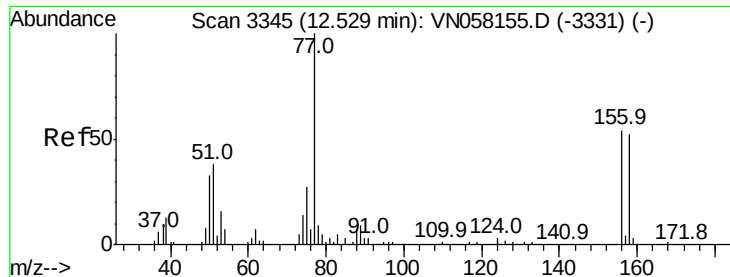
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 79.572 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

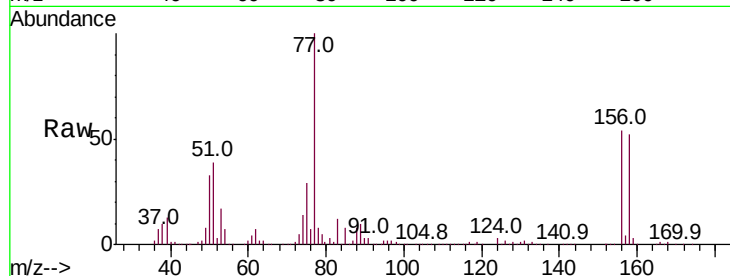
Tot Ion:156 Resp: 665518

Ion Ratio Lower Upper

156 100

77 226.5 111.7 335.1

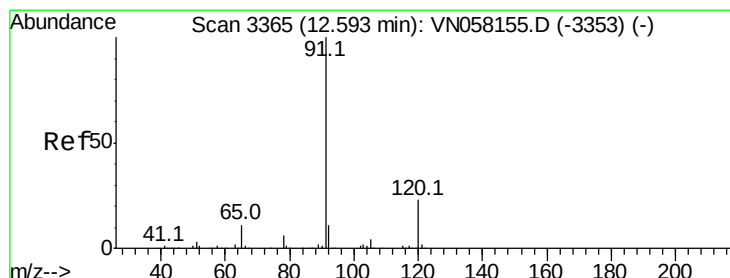
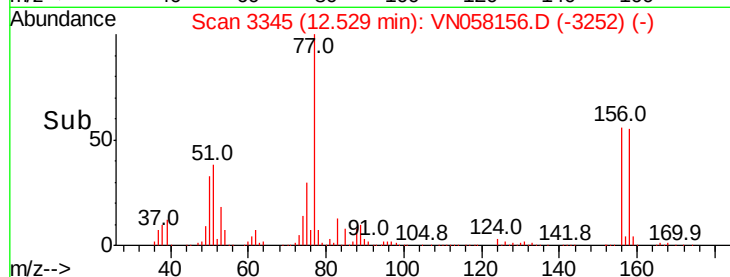
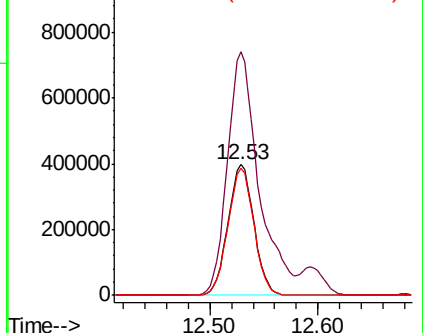
158 97.3 47.9 143.8



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: 78.616 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN058156.D

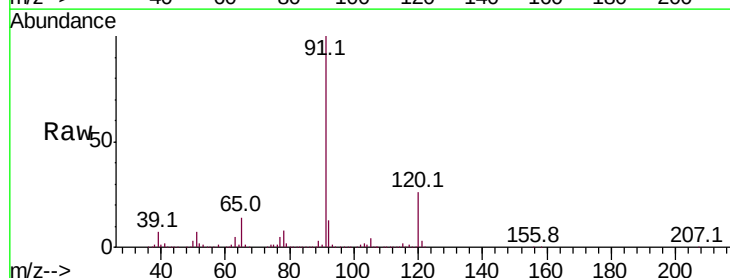
Acq: 18 Sep 2019 10:49

Tgt Ion: 91 Resp: 3007817

Ion Ratio Lower Upper

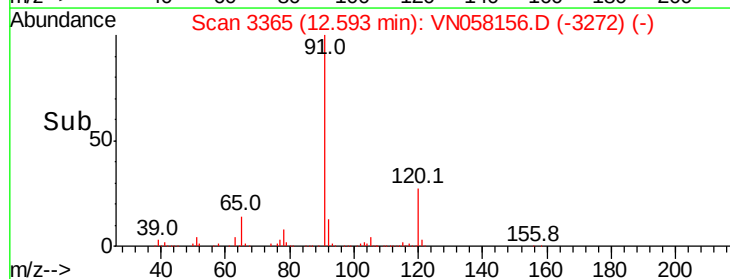
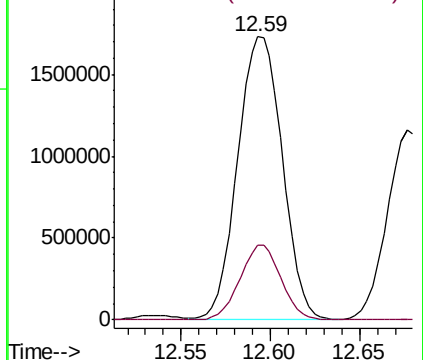
91 100

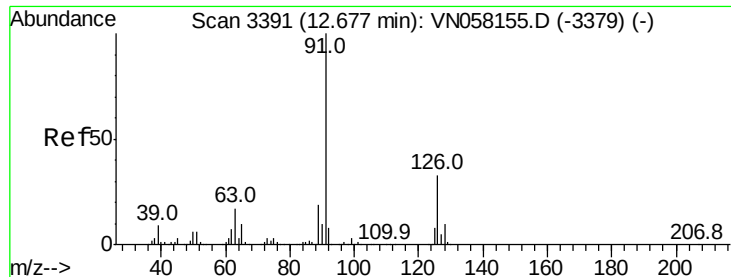
120 24.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 80.434 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

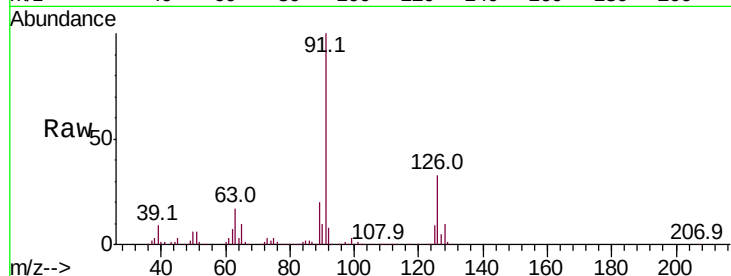
ClientSampled :

Tot Ion: 91 Resp: 1949810

Ion Ratio Lower Upper

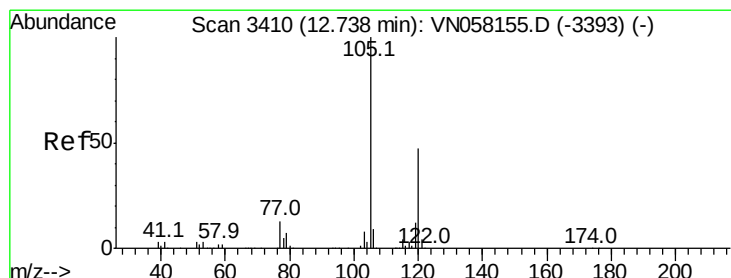
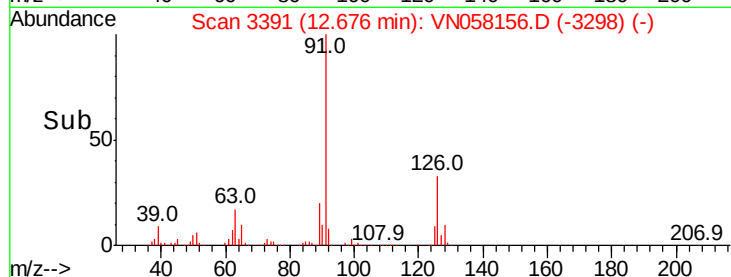
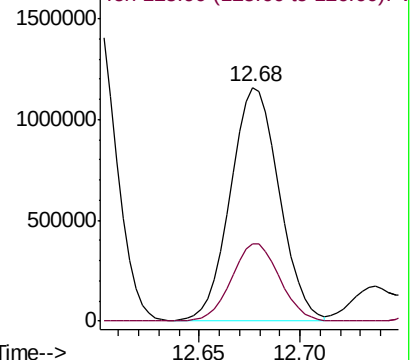
91 100

126 33.0 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN058155.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN058155.D (-3379) (-)



#80

1,3,5-Trimethylbenzene

Concen: 82.750 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058156.D

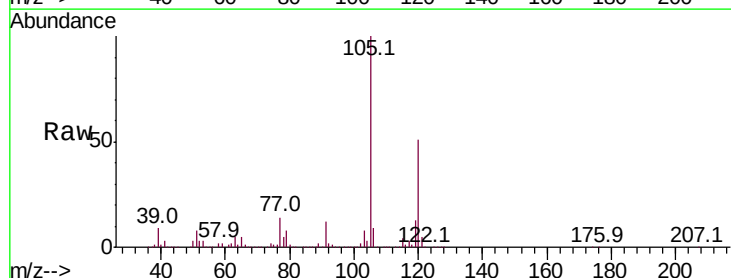
Acq: 18 Sep 2019 10:49

Tgt Ion:105 Resp: 2335535

Ion Ratio Lower Upper

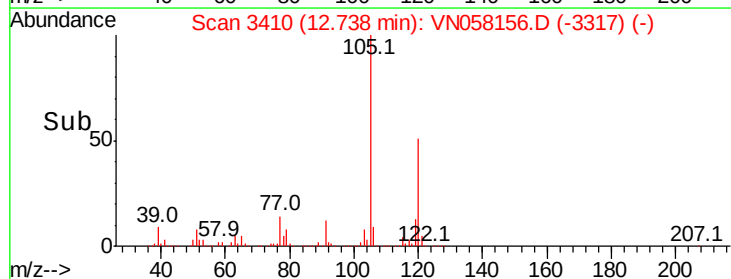
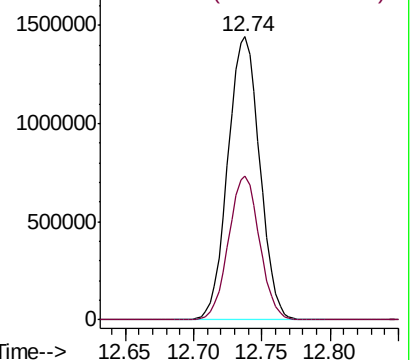
105 100

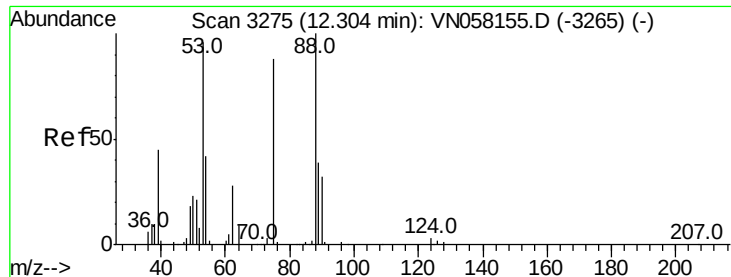
120 49.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN058155.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN058155.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 100.486 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

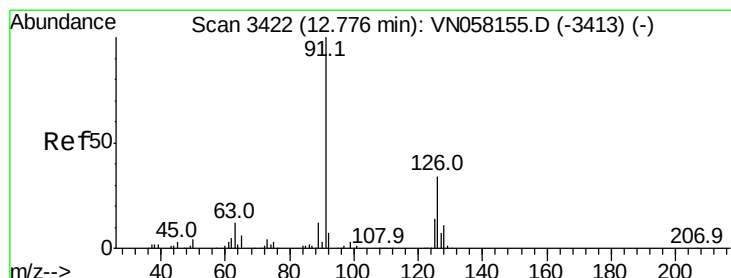
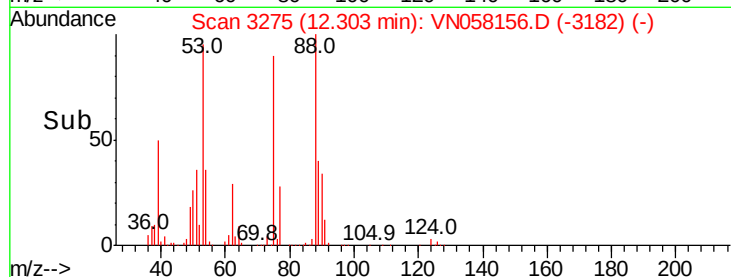
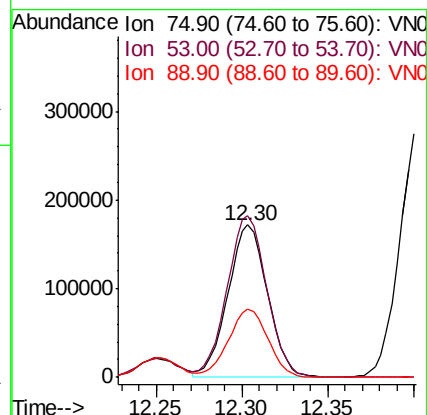
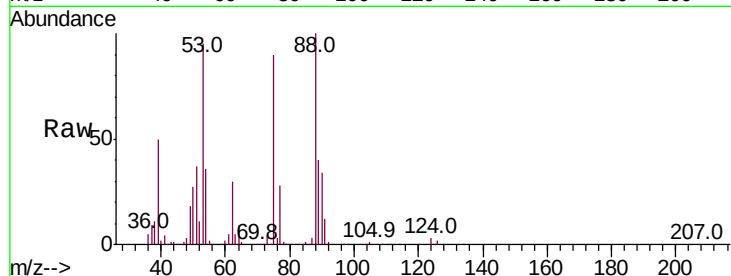
Tot Ion: 75 Resp: 274623

Ion	Ratio	Lower	Upper
75	100		
53	107.5	90.1	135.1
89	44.9	36.2	54.2

75 100

53 107.5 90.1 135.1

89 44.9 36.2 54.2



#82

4-Chlorotoluene

Concen: 82.881 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN058156.D

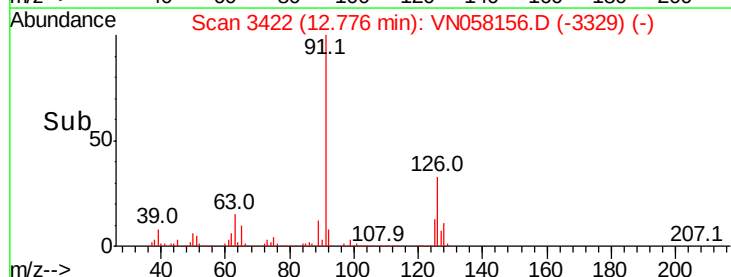
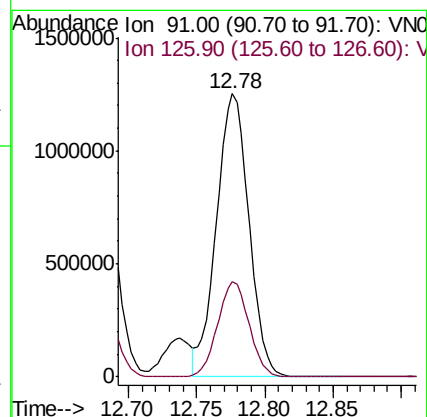
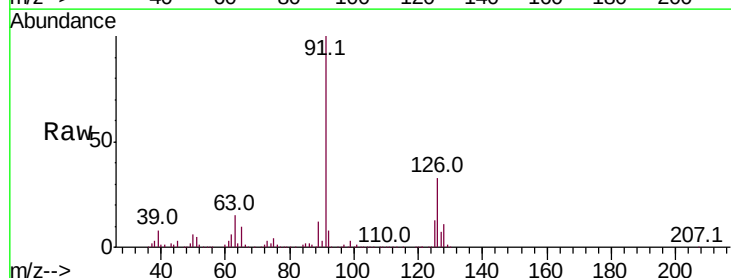
Acq: 18 Sep 2019 10:49

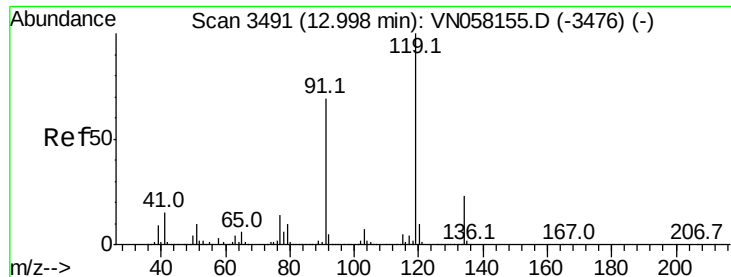
Tgt Ion: 91 Resp: 2063558

Ion	Ratio	Lower	Upper
91	100		
126	32.6	15.7	47.1

91 100

126 32.6 15.7 47.1

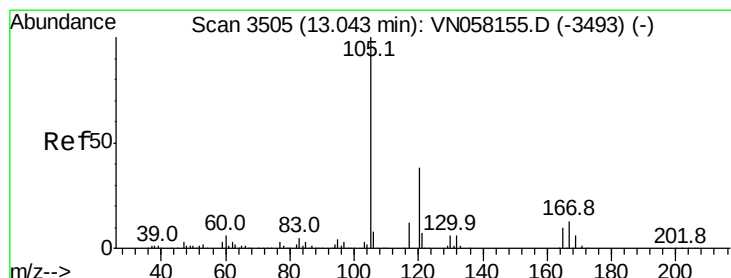
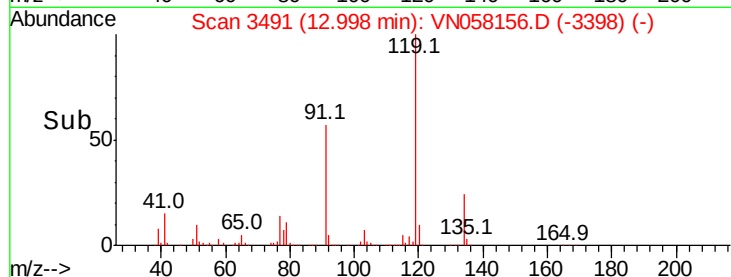
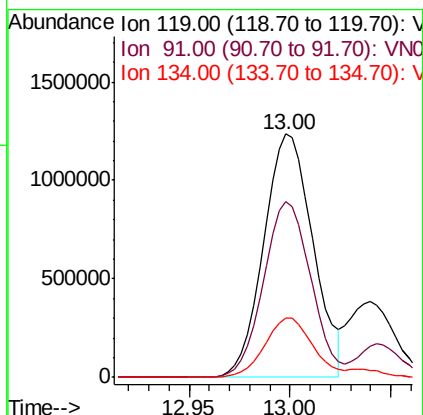
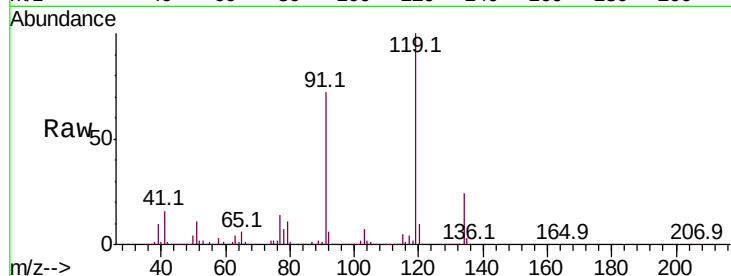




#83
 tert-Butylbenzene
 Concen: 83.452 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

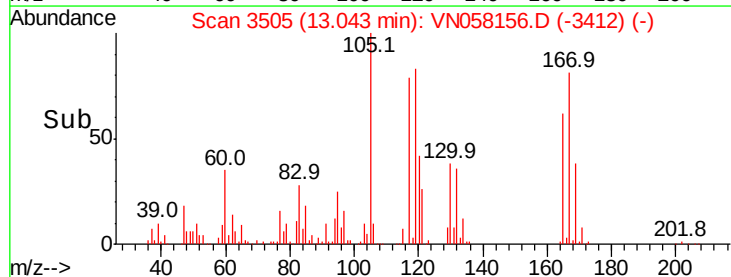
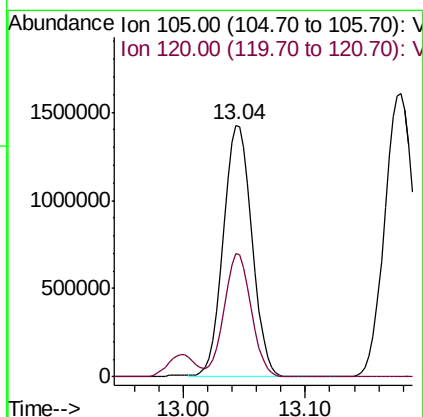
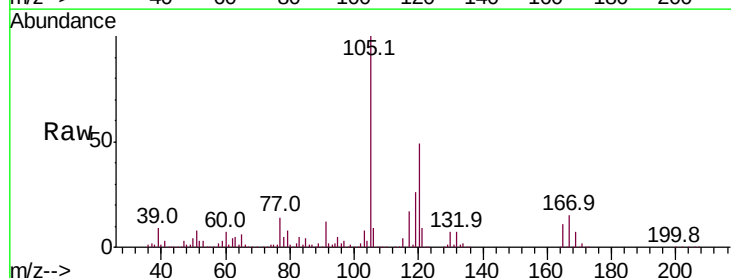
Instrument :
 MSVOA_N
 ClientSampleId :

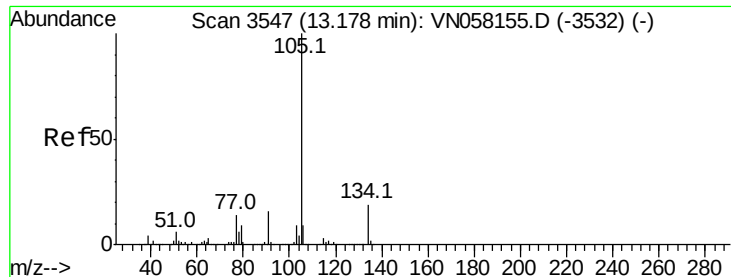
Tot Ion:119 Resp: 2092875
 Ion Ratio Lower Upper
 119 100
 91 69.6 33.8 101.3
 134 23.7 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 82.197 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

Tgt Ion:105 Resp: 2351206
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 81.758 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

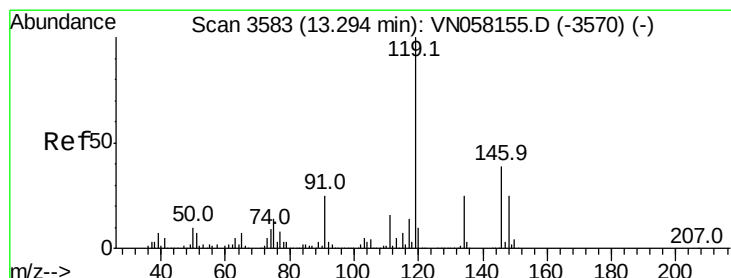
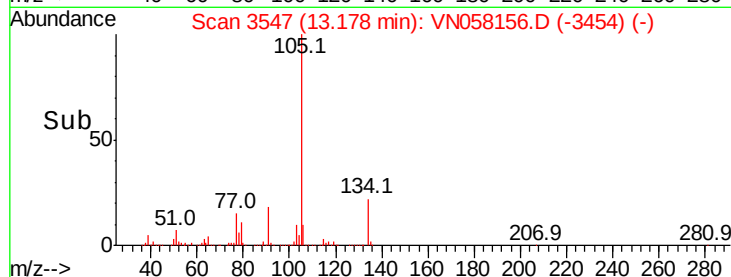
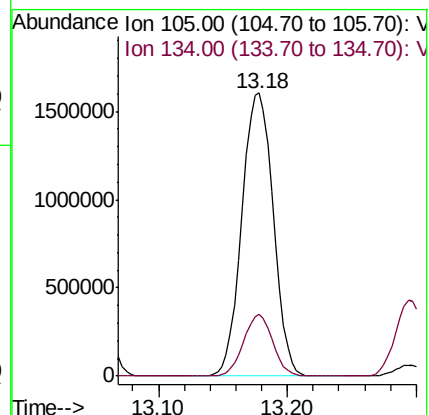
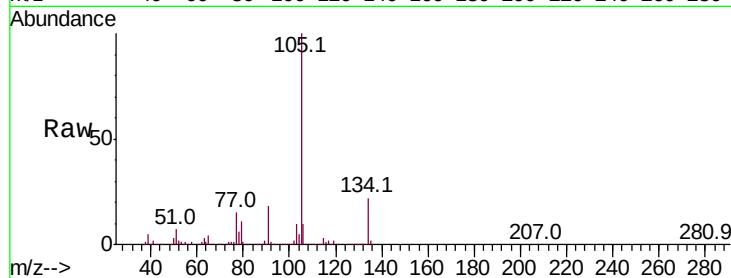
ClientSampleId :

Tot Ion:105 Resp: 2713906

Ion Ratio Lower Upper

105 100

134 20.2 9.5 28.5



#86

p-Isopropyltoluene

Concen: 84.769 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

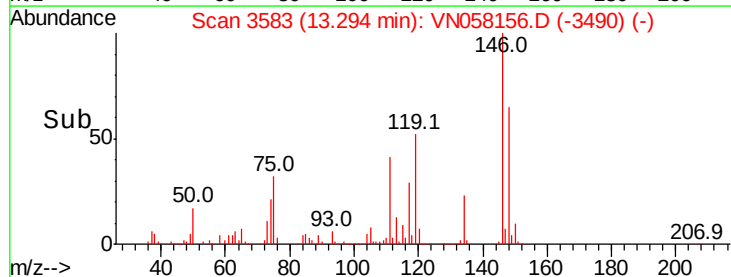
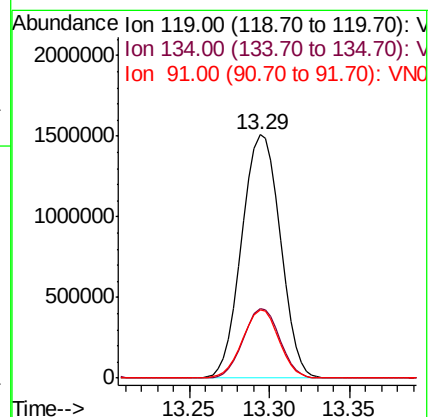
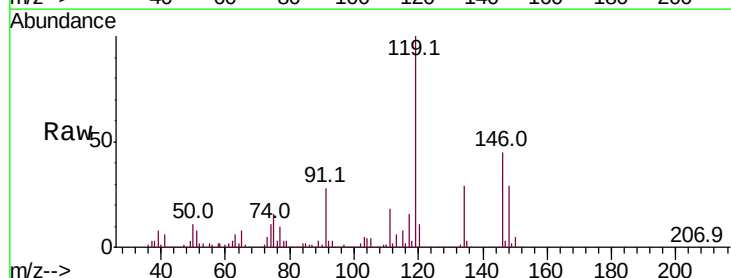
Tgt Ion:119 Resp: 2476029

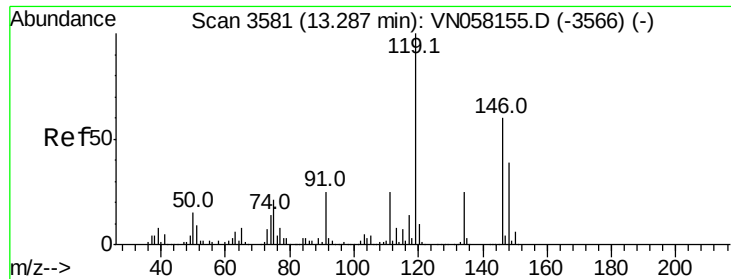
Ion Ratio Lower Upper

119 100

134 27.0 12.7 38.0

91 26.5 12.3 36.8

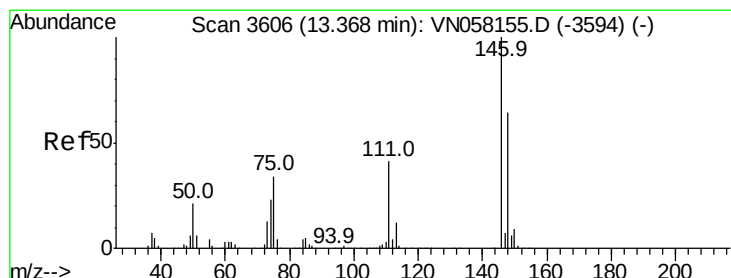
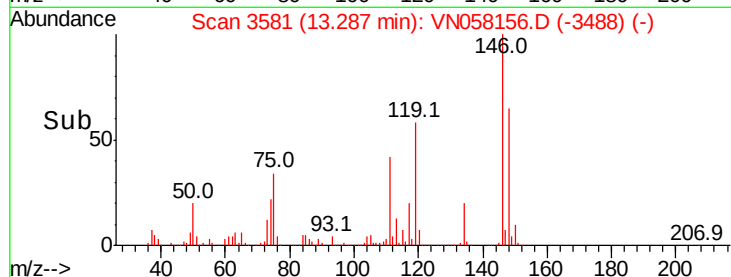
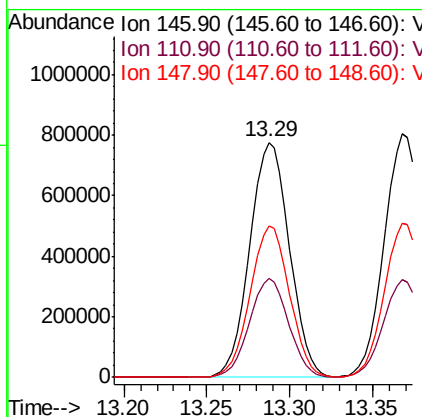
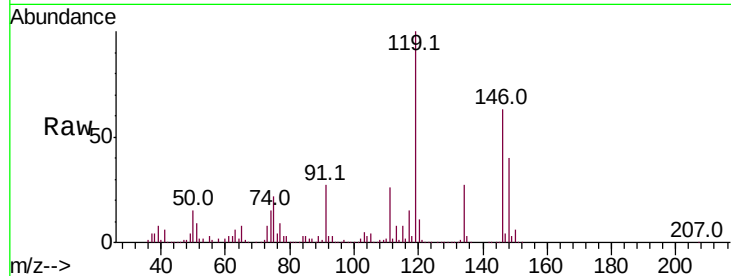




#87
 1,3-Dichlorobenzene
 Concen: 84.533 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

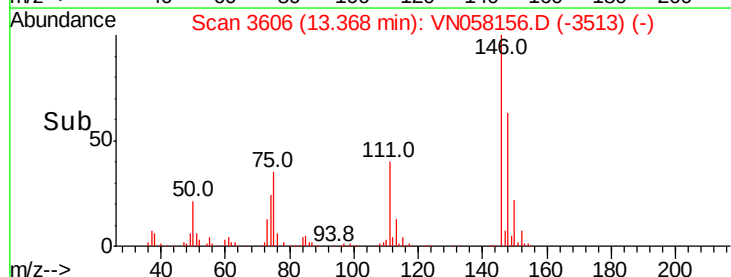
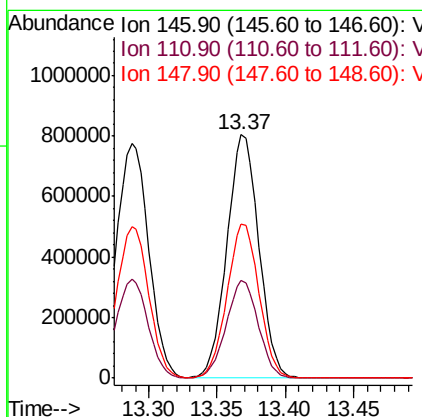
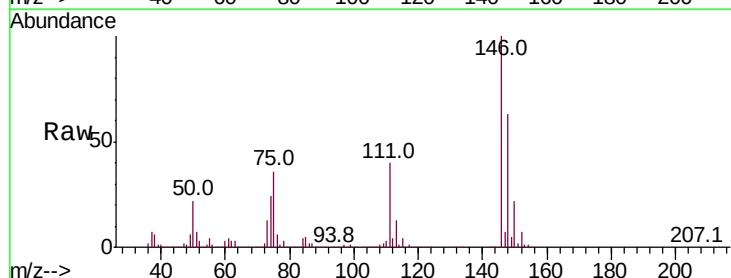
Instrument :
 MSVOA_N
 ClientSampled :

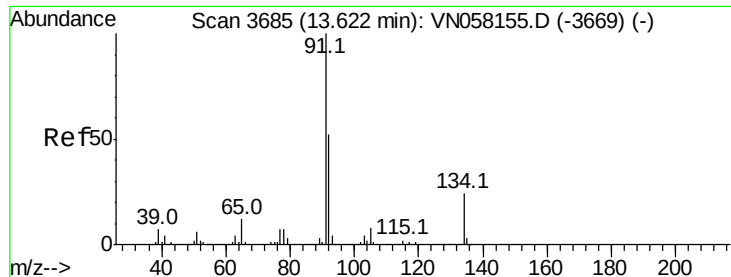
Tot Ion:146 Resp: 1291501
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.9 62.8
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 83.806 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

Tgt Ion:146 Resp: 1304176
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.5 61.5
 148 63.4 31.9 95.5





#89

n-Butylbenzene

Concen: 86.264 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

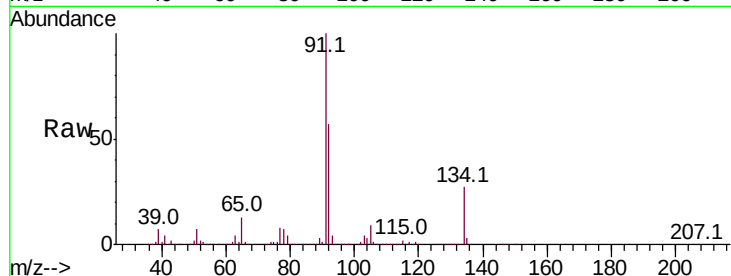
Tot Ion: 91 Resp: 2387731

Ion Ratio Lower Upper

91 100

92 54.7 25.7 77.0

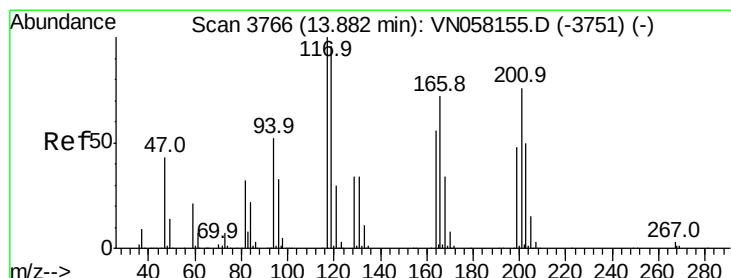
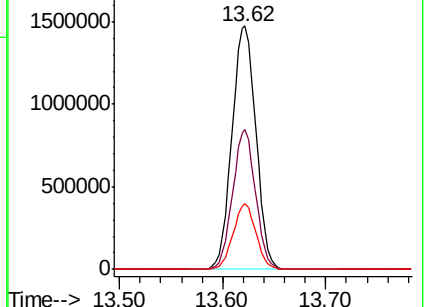
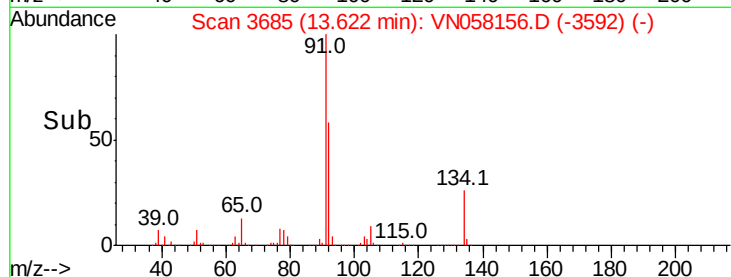
134 25.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN058155.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN058155.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN058155.D (-3669) (-)



#90

Hexachloroethane

Concen: 97.874 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN058156.D

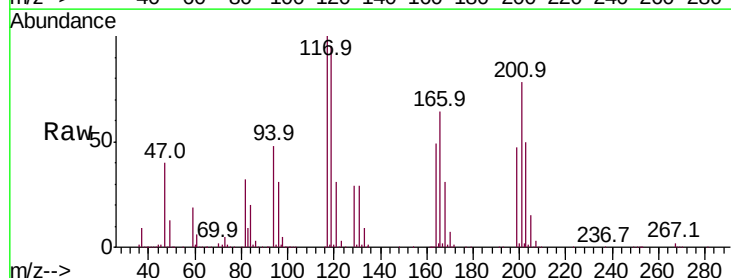
Acq: 18 Sep 2019 10:49

Tgt Ion: 117 Resp: 427564

Ion Ratio Lower Upper

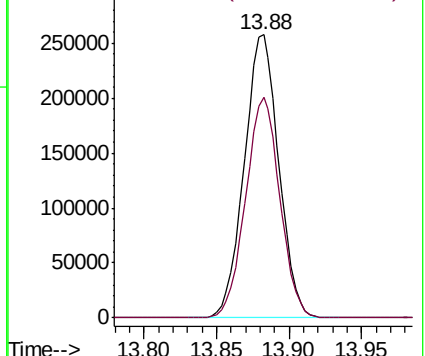
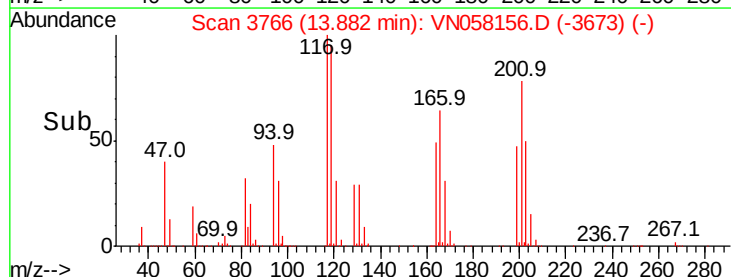
117 100

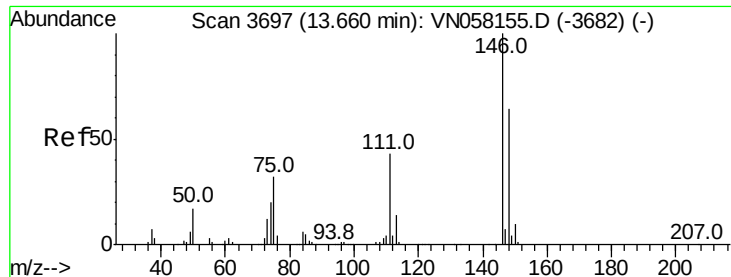
201 77.2 37.5 112.5



Abundance Ion 116.80 (116.50 to 117.50): VN058155.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN058155.D (-3751) (-)



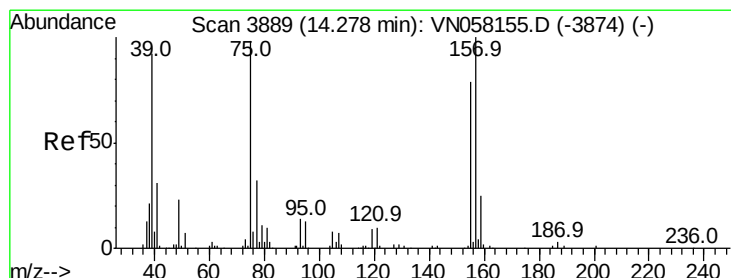
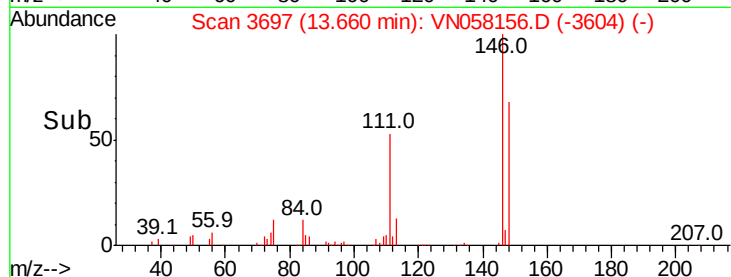
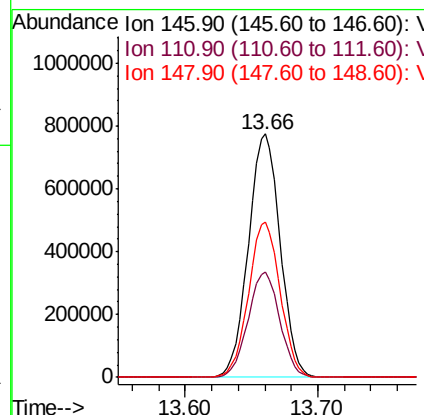
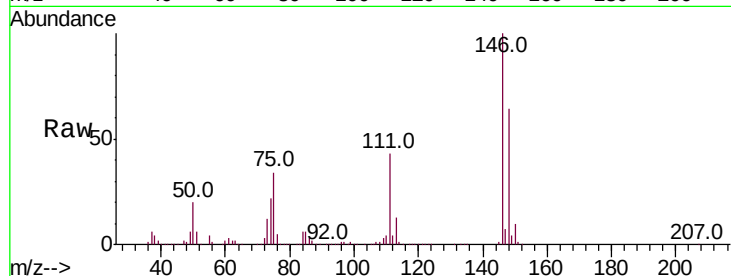


#91
 1,2-Dichlorobenzene
 Concen: 84.297 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 1290177

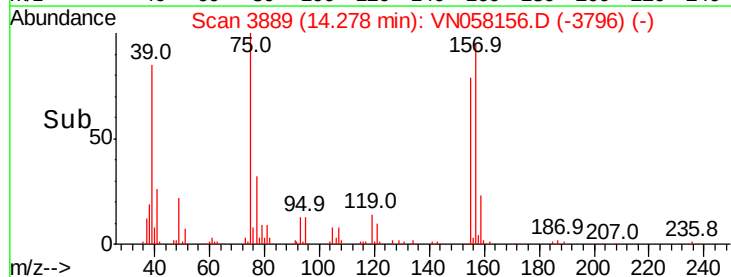
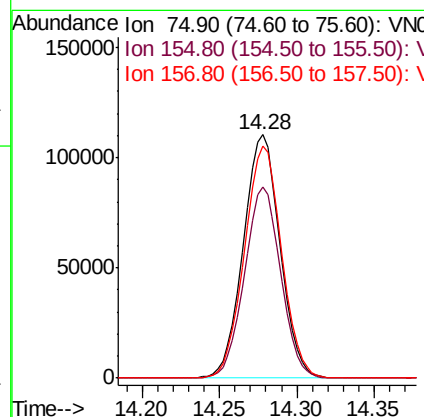
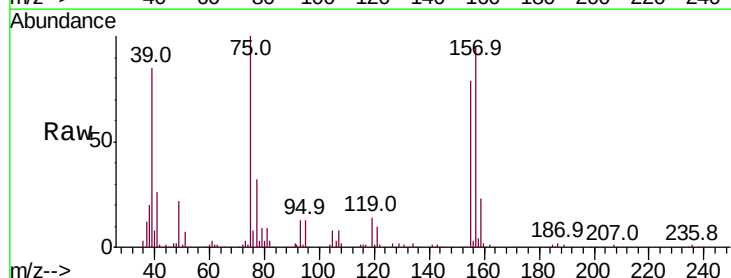
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.1
148	63.6	31.8	95.4

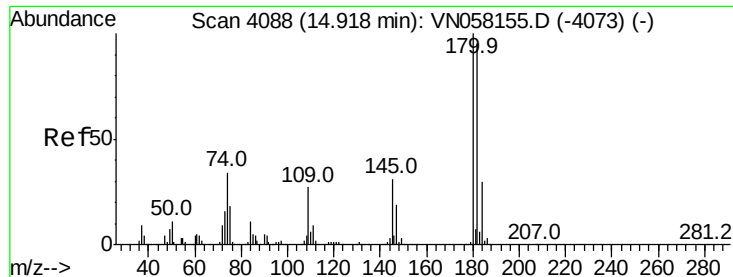


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.953 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

Tgt Ion: 75 Resp: 182405

Ion	Ratio	Lower	Upper
75	100		
155	77.5	38.3	114.8
157	96.5	48.0	144.0

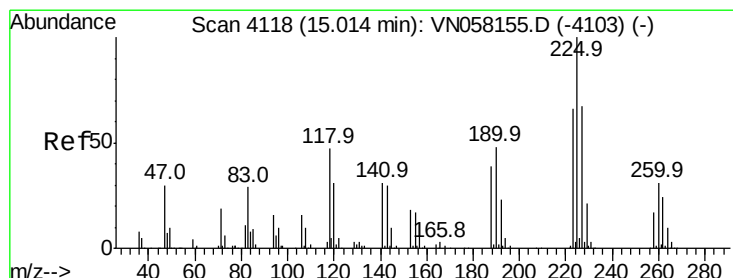
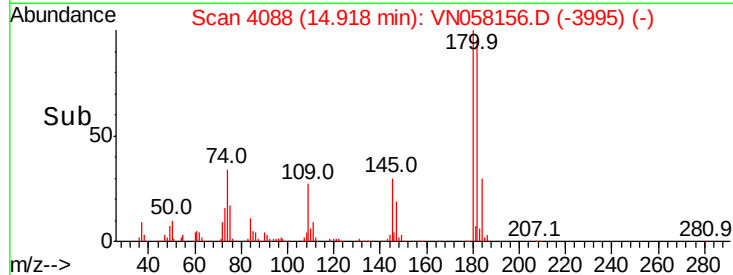
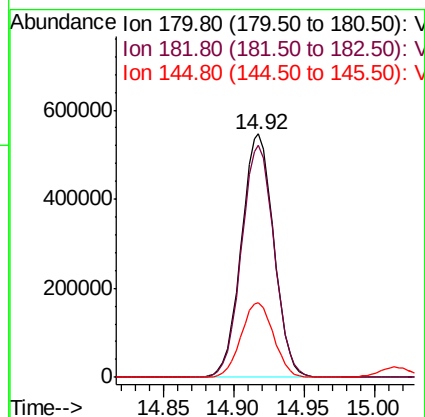
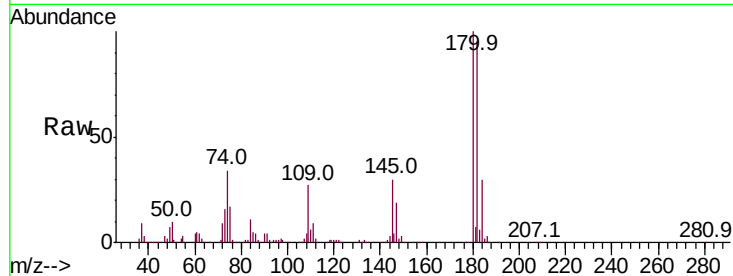




#93
 1,2,4-Trichlorobenzene
 Concen: 87.193 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

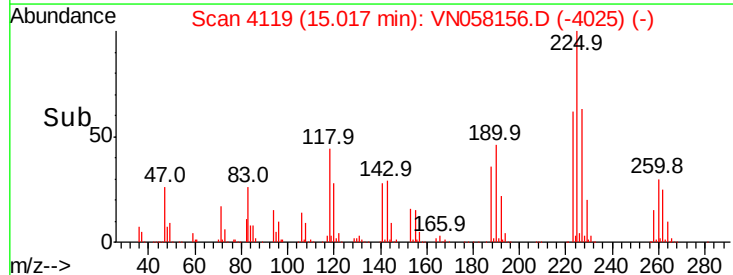
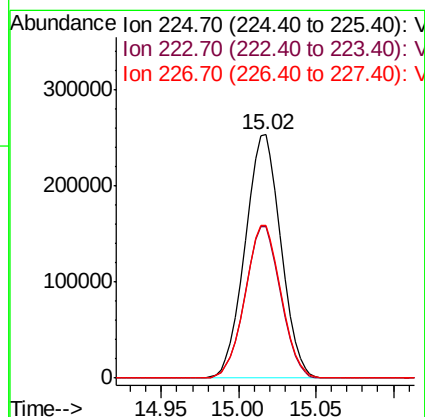
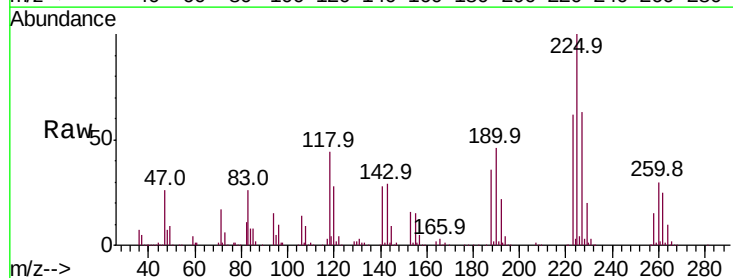
Instrument :
 MSVOA_N
 ClientSampleId :

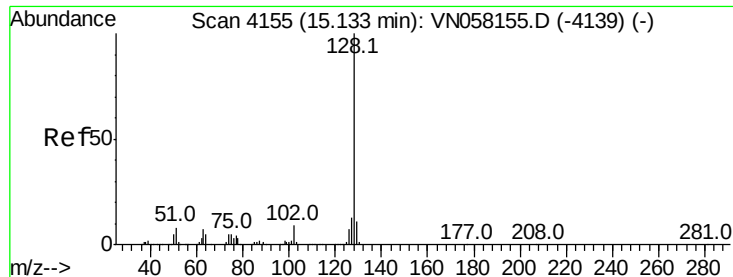
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.3
145	30.7	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 93.950 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058156.D
 Acq: 18 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.6	97.7
227	62.9	33.0	99.0





#95

Naphthalene

Concen: 82.145 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

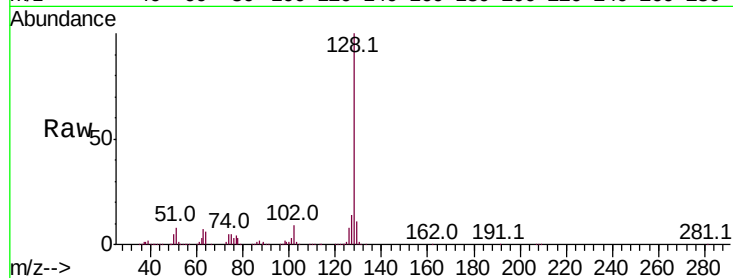
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 2380092

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.0	8.6	12.8

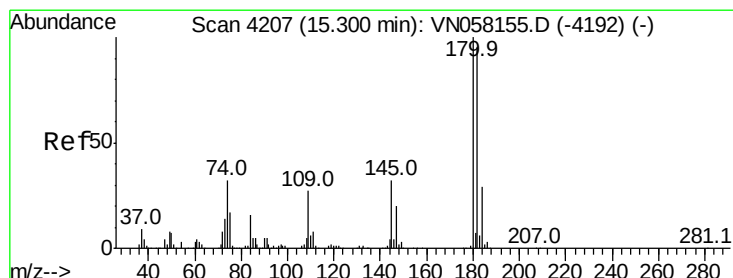
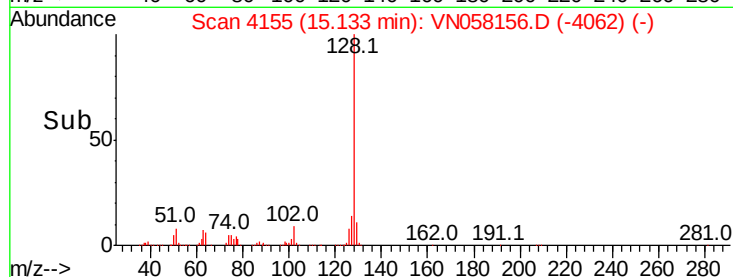
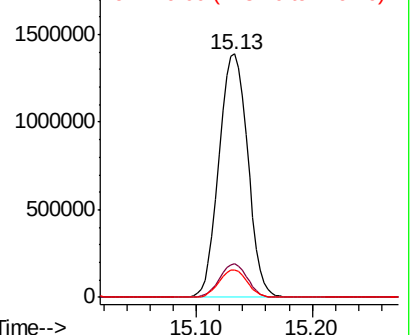


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 84.669 ug/l

RT: 15.30 min Scan# 4207

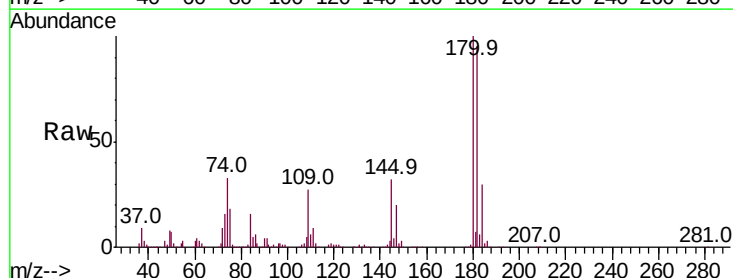
Delta R.T. -0.00 min

Lab File: VN058156.D

Acq: 18 Sep 2019 10:49

Tgt Ion:180 Resp: 837524

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	31.7	16.1	48.2



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

