

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
 Data File : VN057122.D
 Acq On : 8 Aug 2019 11:08
 Operator : JC/SP
 Sample : VN0808WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

Quant Time: Aug 09 03:12:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1222023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1790369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1555921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	548456	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	632519	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	6.98	113	594376	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	9.56	98	2231908	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.92	95	696453	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.82	85	185238	18.860 ug/l	99
3) Chloromethane	2.00	50	243428	18.653 ug/l	98
4) Vinyl Chloride	2.11	62	239235	19.722 ug/l	98
5) Bromomethane	2.43	94	172904	20.978 ug/l	97
6) Chloroethane	2.55	64	150861	19.390 ug/l	97
7) Trichlorofluoromethane	2.82	101	335275	19.229 ug/l	99
8) Diethyl Ether	3.14	74	131088	19.460 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.44	101	209961	19.864 ug/l	98
10) Methyl Iodide	3.63	142	300957	18.842 ug/l	99
11) Tert butyl alcohol	4.23	59	159291	89.068 ug/l	99
12) 1,1-Dichloroethene	3.43	96	210225	20.217 ug/l	97
13) Acrolein	3.31	56	92128	81.429 ug/l	99
14) Allyl chloride	3.91	41	309354	20.472 ug/l	98
15) Acrylonitrile	4.44	53	477624	98.678 ug/l	99
16) Acetone	3.47	43	426998	112.503 ug/l	97
17) Carbon Disulfide	3.72	76	546603	19.760 ug/l	99
18) Methyl Acetate	3.89	43	228907	19.846 ug/l	100
19) Methyl tert-butyl Ether	4.49	73	637350	20.303 ug/l	98
20) Methylene Chloride	4.10	84	237964	18.998 ug/l	99
21) trans-1,2-Dichloroethene	4.50	96	223252	19.709 ug/l	98
22) Diisopropyl ether	5.31	45	664221	20.152 ug/l	97
23) Vinyl Acetate	5.26	43	2575009	102.019 ug/l	100
24) 1,1-Dichloroethane	5.25	63	402237	19.851 ug/l	99
25) 2-Butanone	6.20	43	598358	103.186 ug/l	97
26) 2,2-Dichloropropane	6.21	77	320282	21.726 ug/l	98
27) cis-1,2-Dichloroethene	6.21	96	262662	20.241 ug/l	99
28) Bromochloromethane	6.58	49	163983	17.595 ug/l	95
29) Tetrahydrofuran	6.60	42	385998	98.813 ug/l	100
30) Chloroform	6.75	83	406014	19.360 ug/l	99
31) Cyclohexane	7.06	56	358775	19.681 ug/l	99
32) 1,1,1-Trichloroethane	6.97	97	347156	19.733 ug/l	99
36) 1,1-Dichloropropene	7.20	75	302825	20.543 ug/l	99
37) Ethyl Acetate	6.28	43	239835	19.729 ug/l #	99
38) Carbon Tetrachloride	7.18	117	298530	19.432 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.52	83	368157	20.537	ug/l	98
40) Benzene	7.46	78	931133	19.953	ug/l	98
41) Methacrylonitrile	6.55	41	126854	20.551	ug/l	98
42) 1,2-Dichloroethane	7.54	62	292769	19.671	ug/l	100
43) Isopropyl Acetate	7.56	43	406186	19.587	ug/l	99
44) Trichloroethene	8.27	130	268535	20.540	ug/l	98
45) 1,2-Dichloropropane	8.56	63	243552	20.156	ug/l	100
46) Dibromomethane	8.65	93	156585	20.211	ug/l	99
47) Bromodichloromethane	8.85	83	303165	20.223	ug/l	97
48) Methyl methacrylate	8.63	41	186728	19.096	ug/l	98
49) 1,4-Dioxane	8.64	88	81188	407.661	ug/l	96
51) 4-Methyl-2-Pentanone	9.44	43	1194110	98.942	ug/l	100
52) Toluene	9.62	92	595066	20.543	ug/l	98
53) t-1,3-Dichloropropene	9.86	75	326404	20.842	ug/l	100
54) cis-1,3-Dichloropropene	9.30	75	375193	20.879	ug/l	100
55) 1,1,2-Trichloroethane	10.04	97	226218	19.860	ug/l	99
56) Ethyl methacrylate	9.90	69	316437	19.841	ug/l	98
57) 1,3-Dichloropropane	10.19	76	371715	19.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	599994	102.511	ug/l	98
59) 2-Hexanone	10.24	43	817510	100.086	ug/l	99
60) Dibromochloromethane	10.39	129	244787	20.462	ug/l	100
61) 1,2-Dibromoethane	10.50	107	233376	19.855	ug/l	99
64) Tetrachloroethene	10.11	164	263397	20.356	ug/l	96
65) Chlorobenzene	10.93	112	627343	20.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.01	131	240198	20.522	ug/l	99
67) Ethyl Benzene	11.01	91	1104481	20.498	ug/l	99
68) m/p-Xylenes	11.12	106	833791	42.004	ug/l	99
69) o-Xylene	11.46	106	409099	20.708	ug/l	97
70) Styrene	11.47	104	625522	20.272	ug/l	100
71) Bromoform	11.64	173	174851	20.394	ug/l #	100
73) Isopropylbenzene	11.76	105	1088704	22.944	ug/l	99
74) N-amyl acetate	11.58	43	277881	19.994	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.02	83	297108	22.523	ug/l	99
76) 1,2,3-Trichloropropane	12.07	75	350123	31.617	ug/l #	100
77) Bromobenzene	12.04	156	267233	20.271	ug/l	98
78) n-propylbenzene	12.11	91	1104903	20.999	ug/l	100
79) 2-Chlorotoluene	12.19	91	691310	22.513	ug/l	99
80) 1,3,5-Trimethylbenzene	12.26	105	893054	21.091	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.81	75	78639	21.082	ug/l	99
82) 4-Chlorotoluene	12.30	91	625482	20.531	ug/l	100
83) tert-Butylbenzene	12.52	119	796449	22.721	ug/l	98
84) 1,2,4-Trimethylbenzene	12.57	105	827045	20.208	ug/l	100
85) sec-Butylbenzene	12.70	105	983995	20.593	ug/l	99
86) p-Isopropyltoluene	12.82	119	859133	20.490	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	391506	20.861	ug/l	99
88) 1,4-Dichlorobenzene	12.89	146	362741	20.399	ug/l	98
89) n-Butylbenzene	13.15	91	595955	20.573	ug/l	100
90) Hexachloroethane	13.41	117	153729	22.537	ug/l	98
91) 1,2-Dichlorobenzene	13.18	146	395277	21.091	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.81	75	37643	19.525	ug/l	98

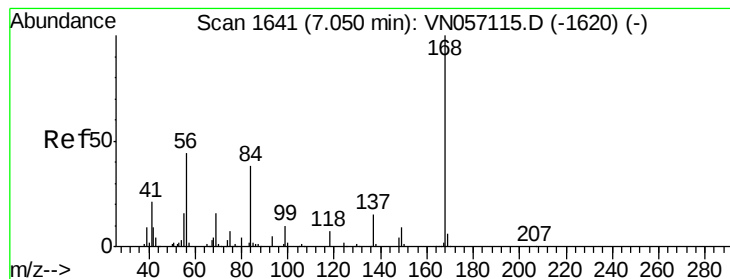
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	116884	18.891	ug/l	99
94) Hexachlorobutadiene	14.55	225	168699	23.820	ug/l	99
95) Naphthalene	14.66	128	224715	17.811	ug/l	100
96) 1,2,3-Trichlorobenzene	14.83	180	124247	19.105	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

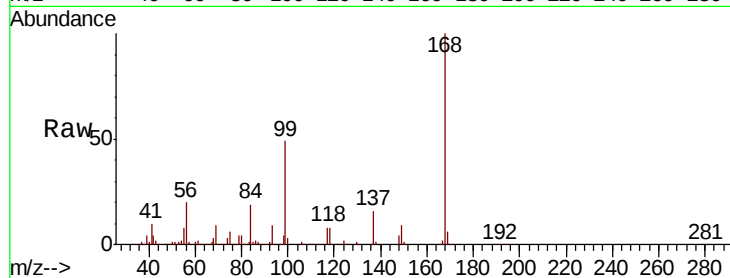
VN0808WBS01

Tgt Ion:168 Resp: 1222023

Ion Ratio Lower Upper

168 100

99 49.0 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.05

500000

400000

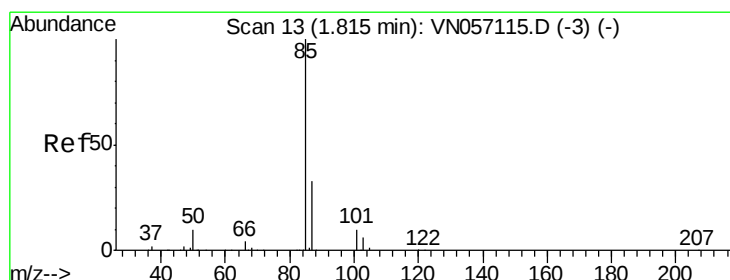
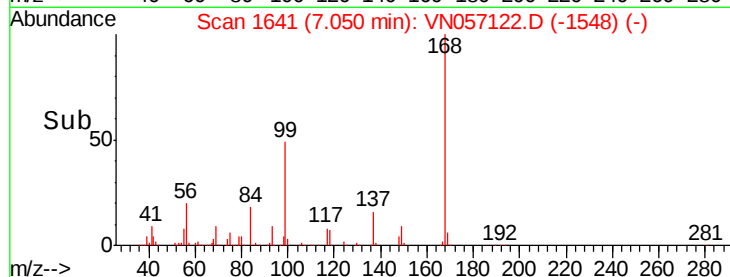
300000

200000

100000

0

Time--> 6.90 7.00 7.10



#2

Dichlorodifluoromethane

Concen: 18.860 ug/l

RT: 1.82 min Scan# 14

Delta R.T. 0.00 min

Lab File: VN057122.D

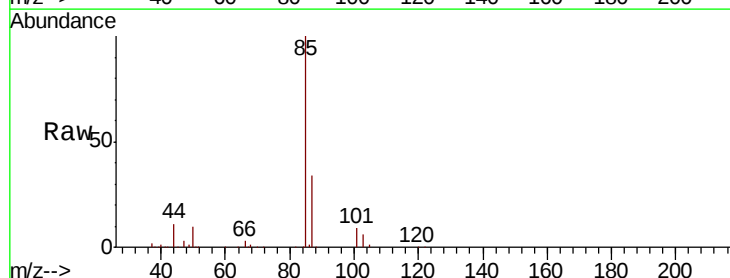
Acq: 8 Aug 2019 11:08

Tgt Ion: 85 Resp: 185238

Ion Ratio Lower Upper

85 100

87 34.0 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

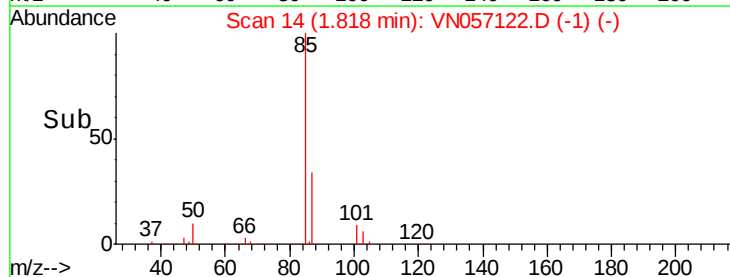
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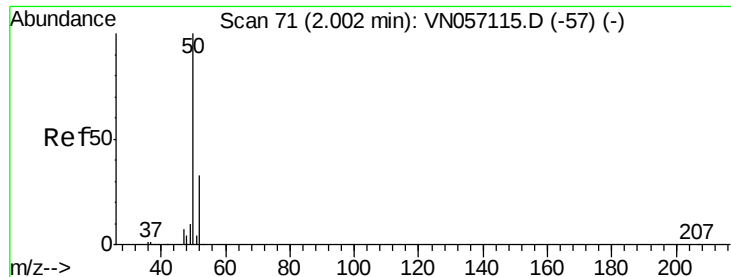
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 18.653 ug/l

RT: 2.00 min Scan# 71

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

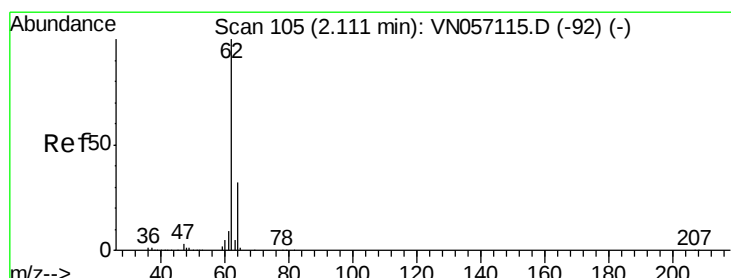
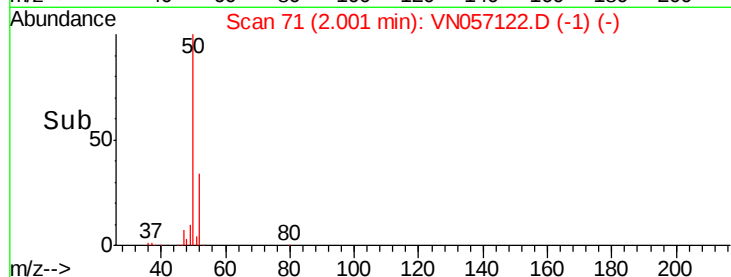
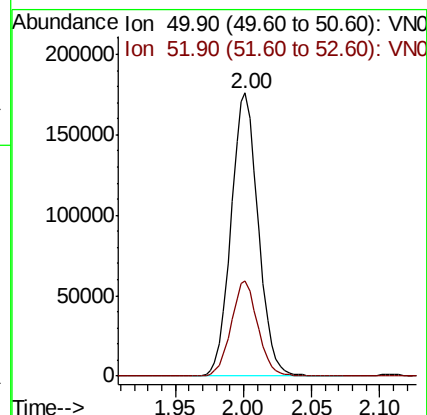
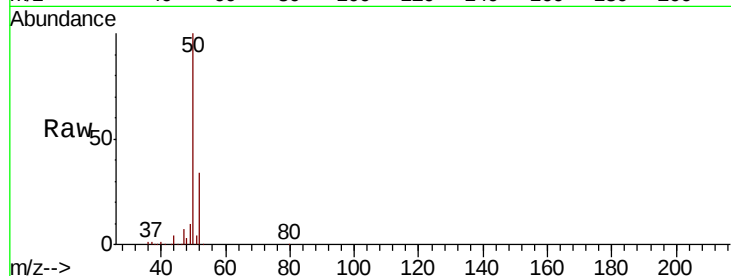
VN0808WBS01

Tgt Ion: 50 Resp: 243428

Ion Ratio Lower Upper

50 100

52 33.7 26.1 39.1



#4

Vinyl Chloride

Concen: 19.722 ug/l

RT: 2.11 min Scan# 105

Delta R.T. -0.00 min

Lab File: VN057122.D

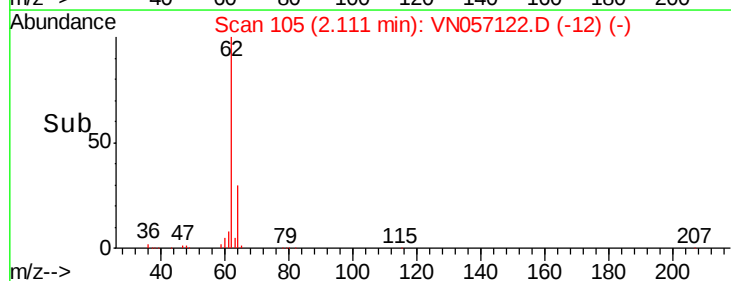
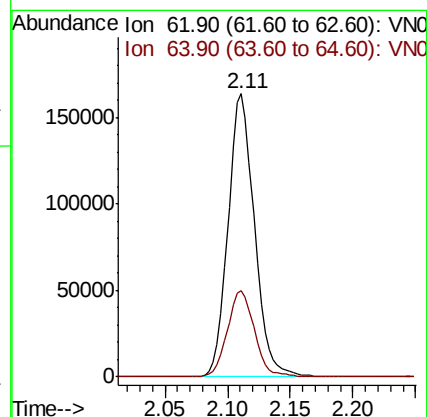
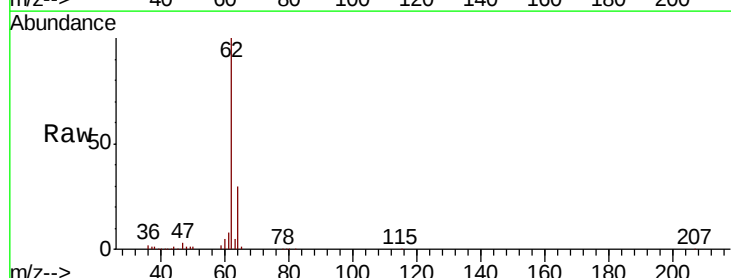
Acq: 8 Aug 2019 11:08

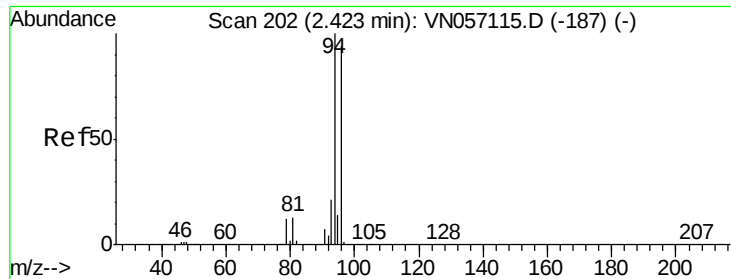
Tgt Ion: 62 Resp: 239235

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.0





#5

Bromomethane

Concen: 20.978 ug/l

RT: 2.43 min Scan# 205

Delta R.T. 0.01 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

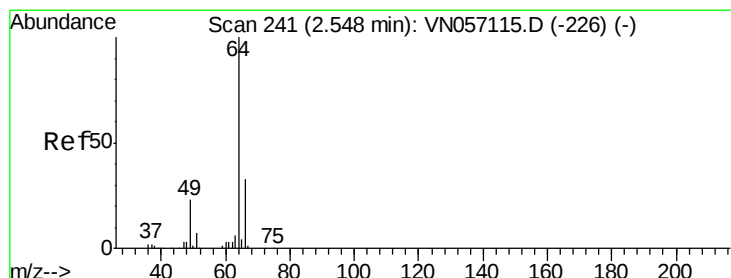
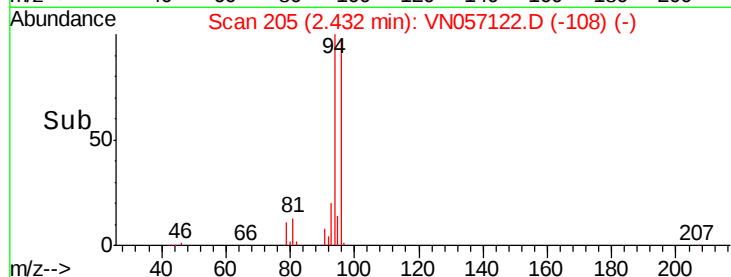
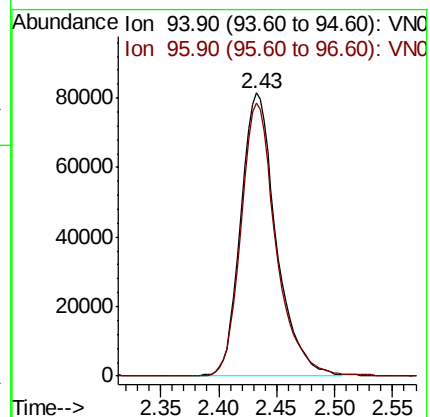
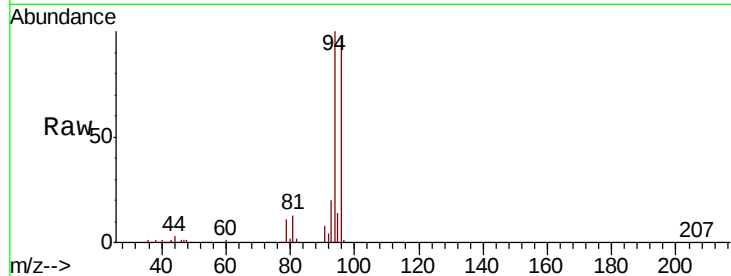
VN0808WBS01

Tgt Ion: 94 Resp: 172904

Ion Ratio Lower Upper

94 100

96 96.7 75.0 112.4



#6

Chloroethane

Concen: 19.390 ug/l

RT: 2.55 min Scan# 243

Delta R.T. 0.01 min

Lab File: VN057122.D

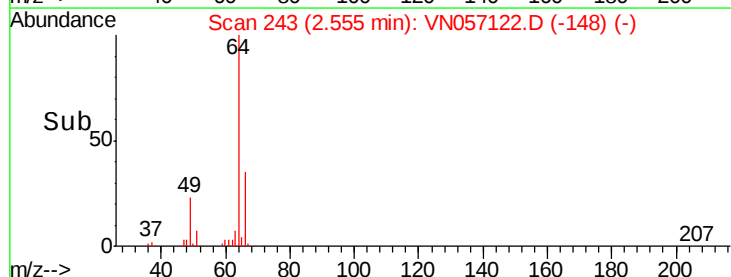
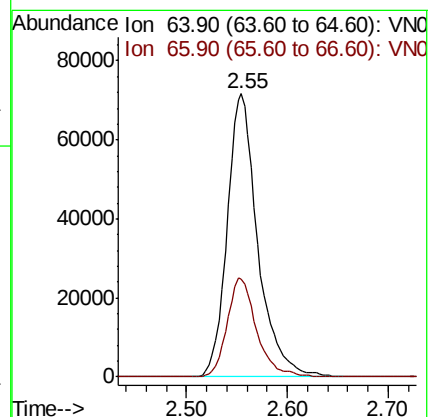
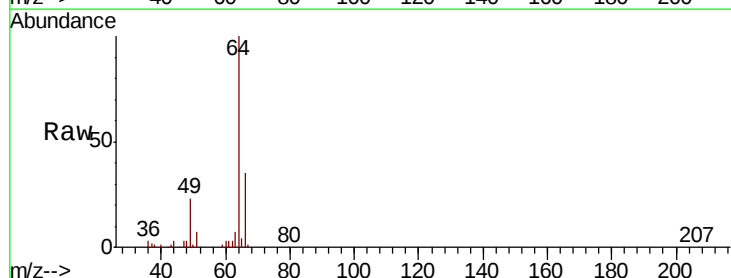
Acq: 8 Aug 2019 11:08

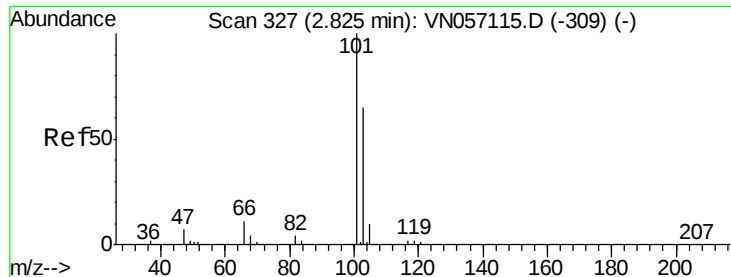
Tgt Ion: 64 Resp: 150861

Ion Ratio Lower Upper

64 100

66 34.7 26.2 39.4



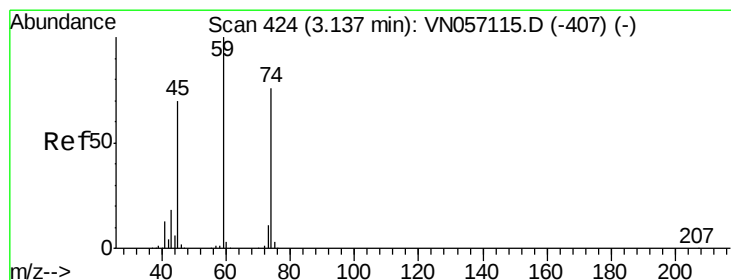
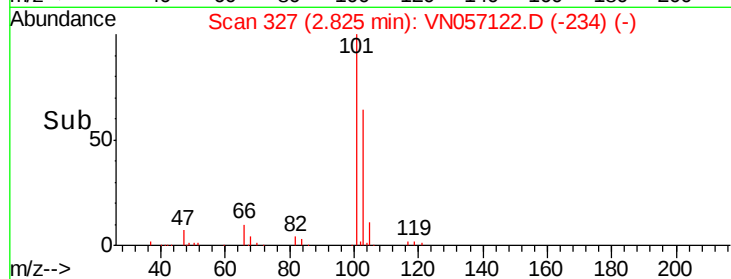
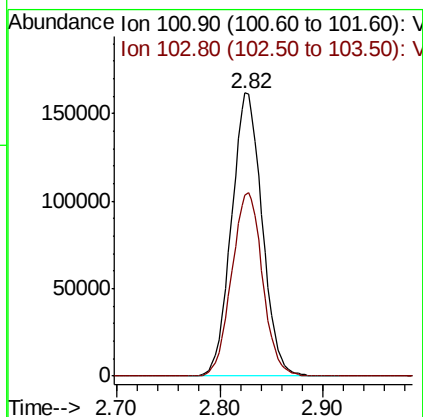
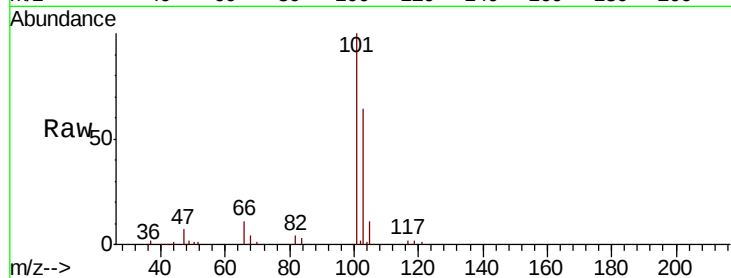


#7

Trichlorofluoromethane
 Concen: 19.229 ug/l
 RT: 2.82 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Instrument :
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 VN0808WBS01

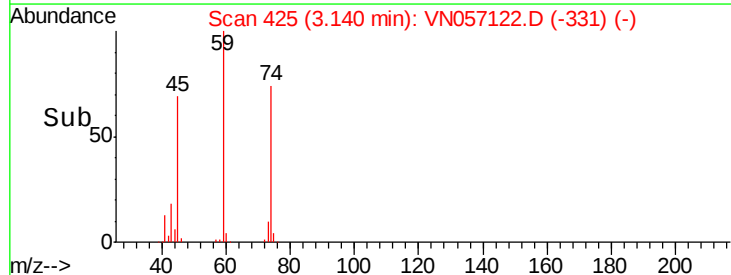
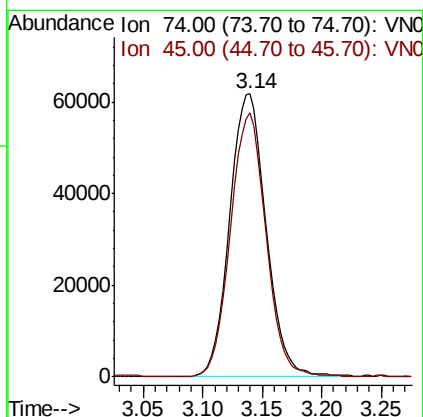
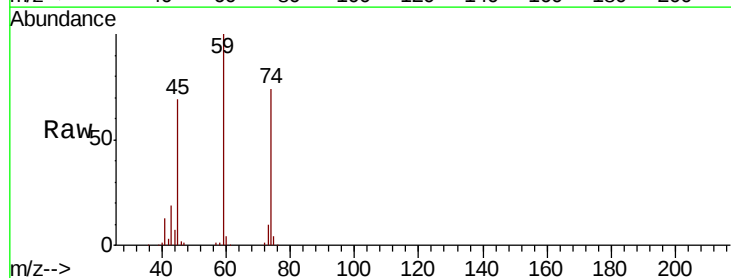
Tgt Ion: 101 Resp: 335275
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.4

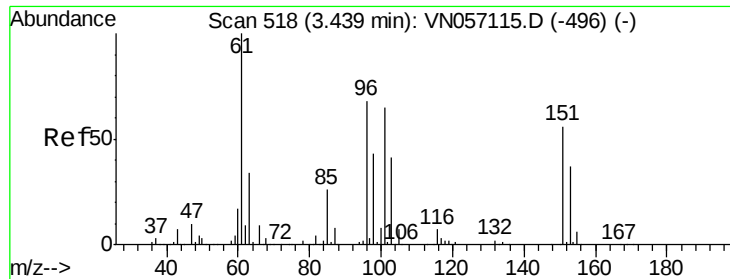


#8

Diethyl Ether
 Concen: 19.460 ug/l
 RT: 3.14 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Tgt Ion: 74 Resp: 131088
 Ion Ratio Lower Upper
 74 100
 45 90.0 46.3 138.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.864 ug/l

RT: 3.44 min Scan# 517

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

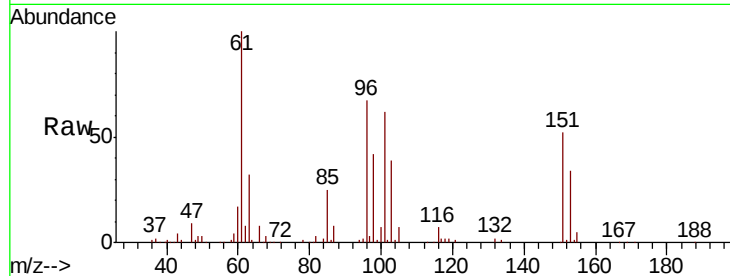
Tgt Ion:101 Resp: 209961

Ion Ratio Lower Upper

101 100

85 41.8 32.3 48.5

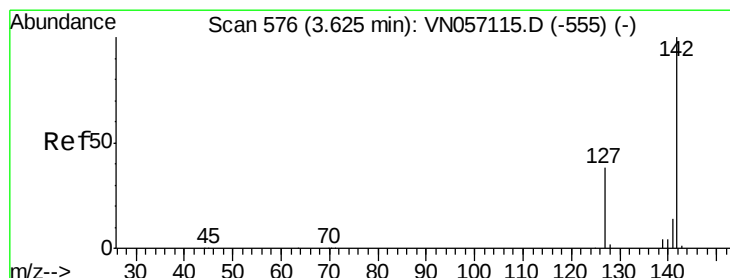
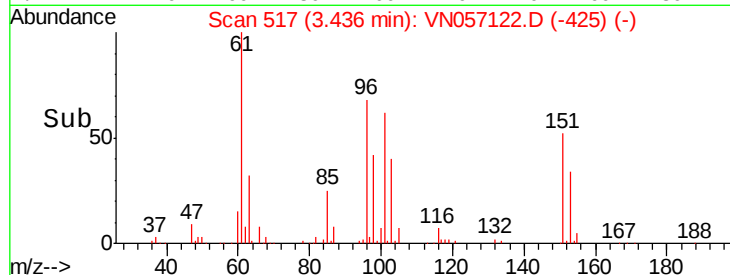
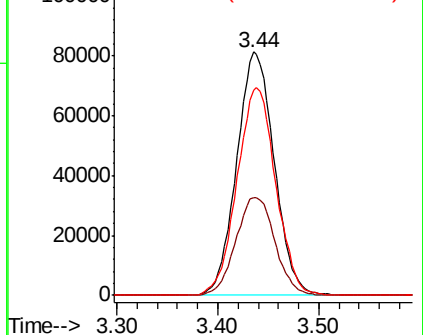
151 87.8 69.4 104.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.842 ug/l

RT: 3.63 min Scan# 576

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

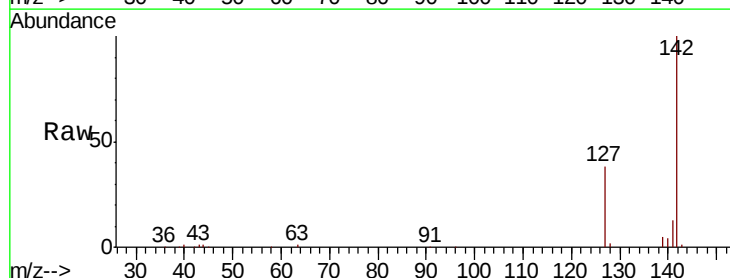
Tgt Ion:142 Resp: 300957

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.6

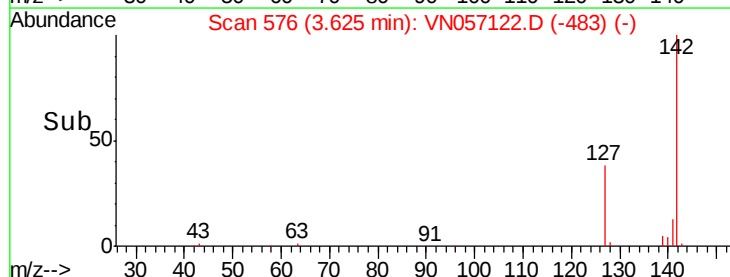
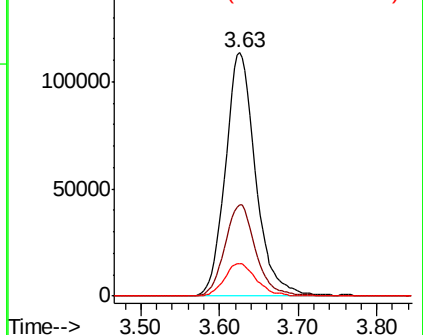
141 14.2 11.2 16.8

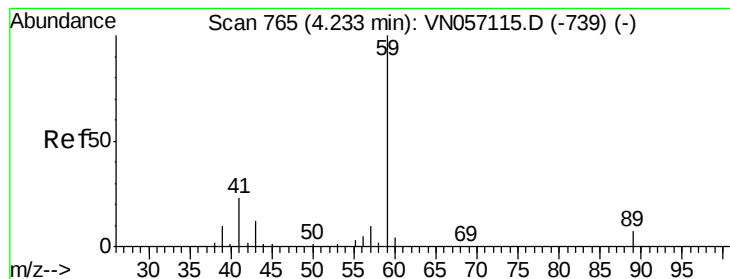


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



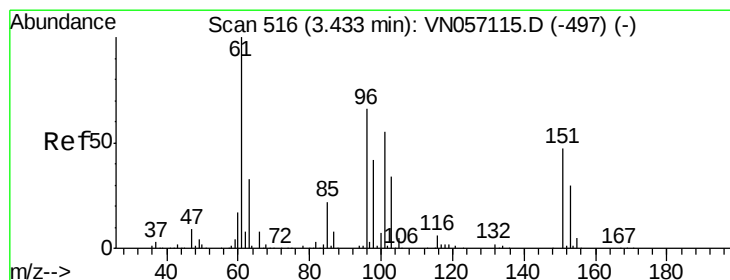
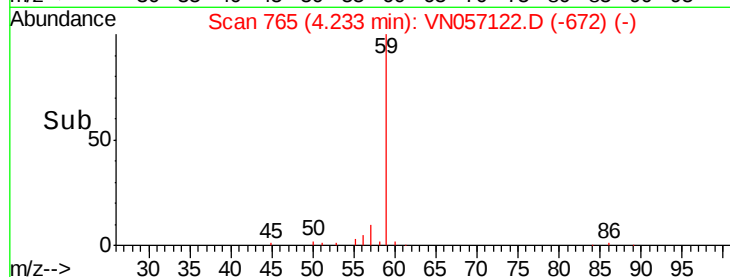
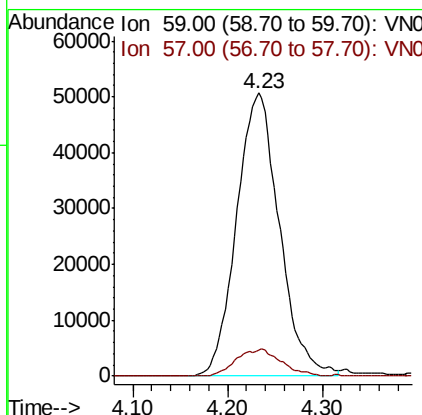
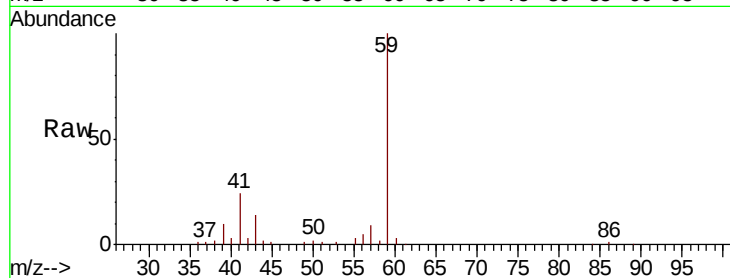


#11

Tert butyl alcohol
 Concen: 89.068 ug/l
 RT: 4.23 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

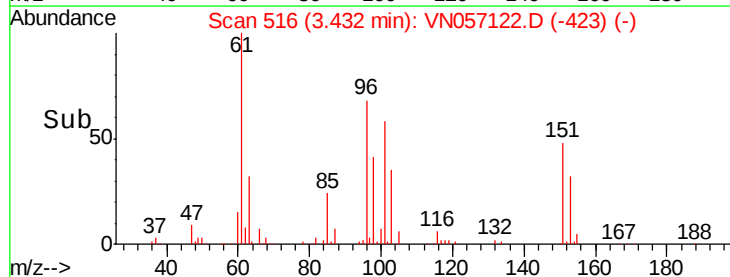
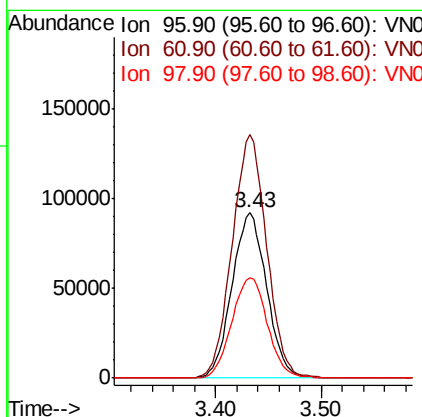
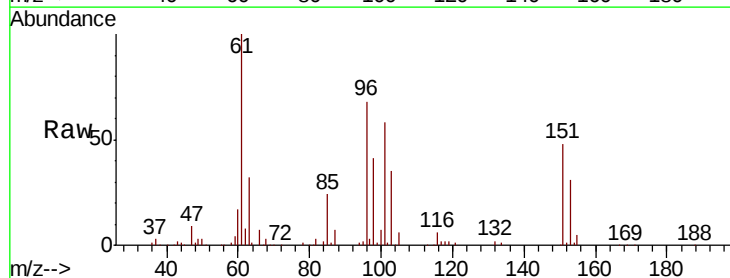
Tgt Ion: 59 Resp: 159291
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.9 11.9

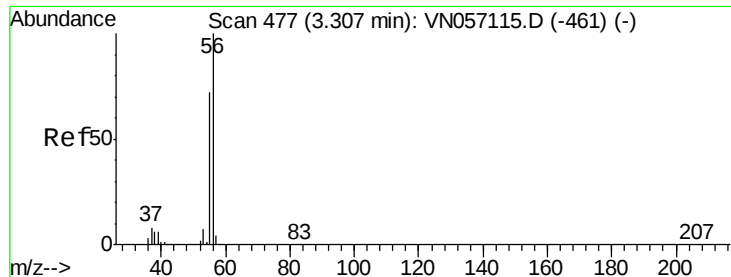


#12

1,1-Dichloroethene
 Concen: 20.217 ug/l
 RT: 3.43 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Tgt Ion: 96 Resp: 210225
 Ion Ratio Lower Upper
 96 100
 61 147.2 121.0 181.6
 98 60.3 50.8 76.2





#13

Acrolein

Concen: 81.429 ug/l

RT: 3.31 min Scan# 478

Delta R.T. 0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

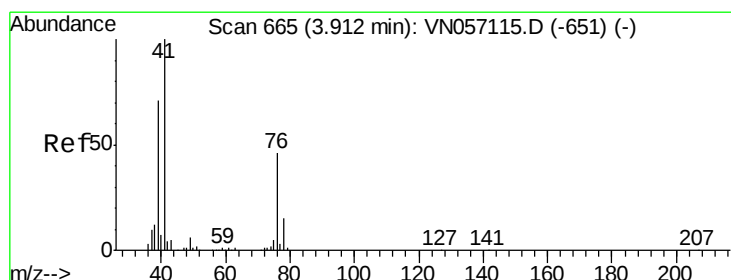
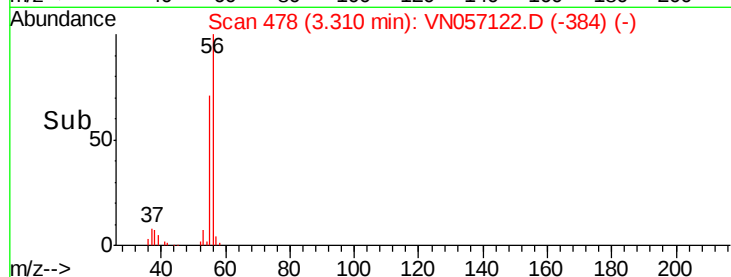
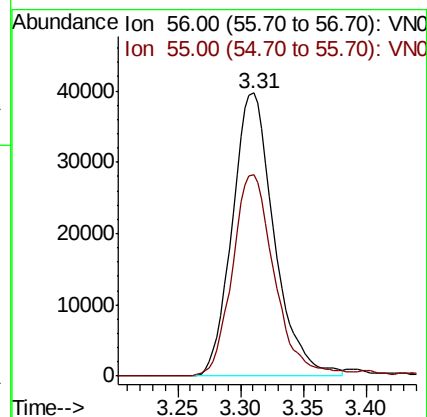
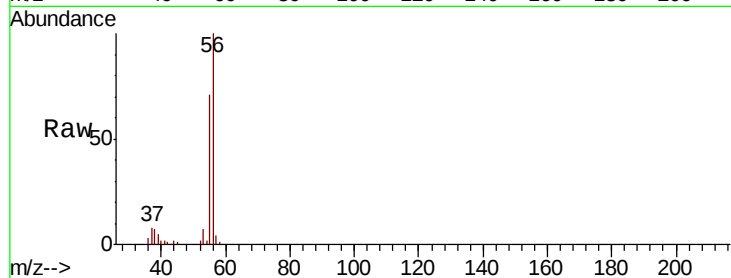
VN0808WBS01

Tgt Ion: 56 Resp: 92128

Ion Ratio Lower Upper

56 100

55 71.6 57.7 86.5



#14

Allyl chloride

Concen: 20.472 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

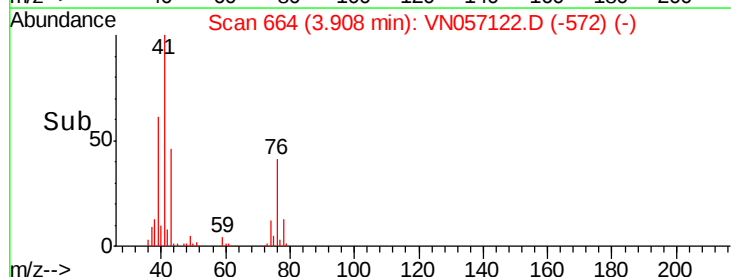
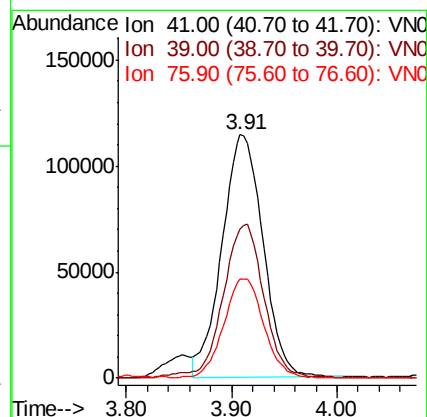
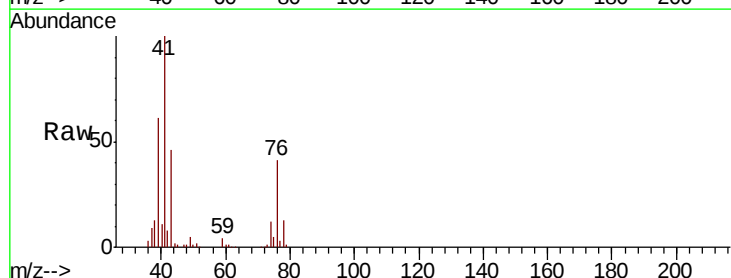
Tgt Ion: 41 Resp: 309354

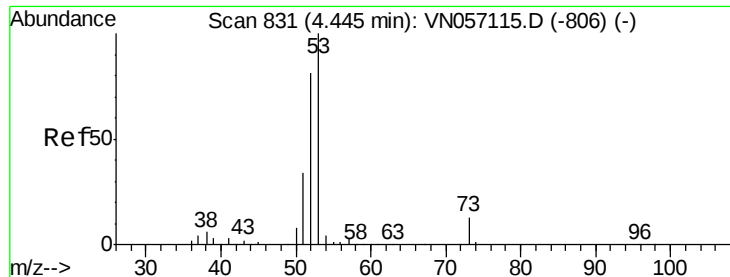
Ion Ratio Lower Upper

41 100

39 63.3 51.1 76.7

76 39.3 32.8 49.2





#15

Acrylonitrile

Concen: 98.678 ug/l

RT: 4.44 min Scan# 830

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

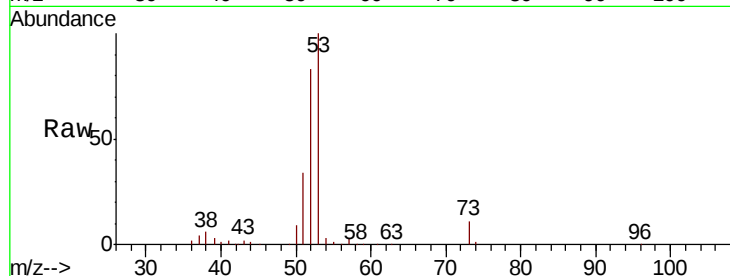
Tgt Ion: 53 Resp: 477624

Ion Ratio Lower Upper

53 100

52 82.1 64.9 97.3

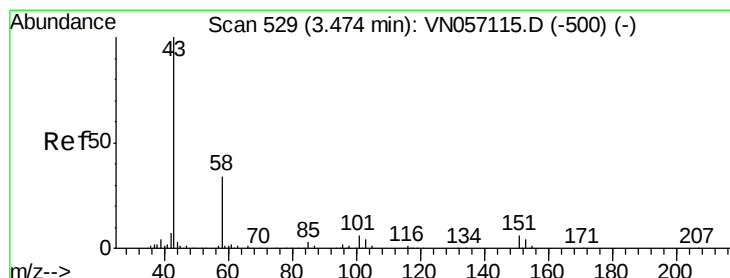
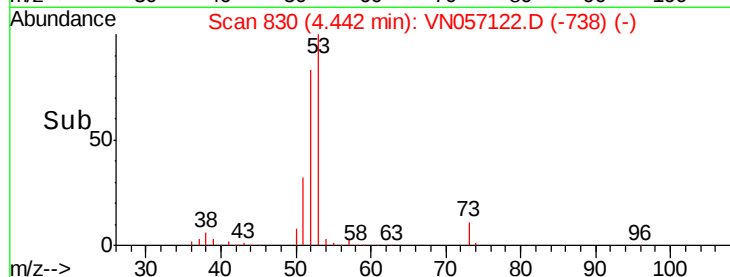
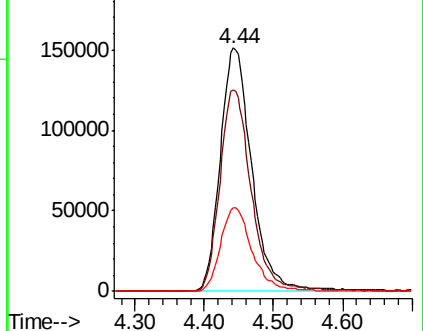
51 34.6 27.8 41.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 112.503 ug/l

RT: 3.47 min Scan# 529

Delta R.T. -0.00 min

Lab File: VN057122.D

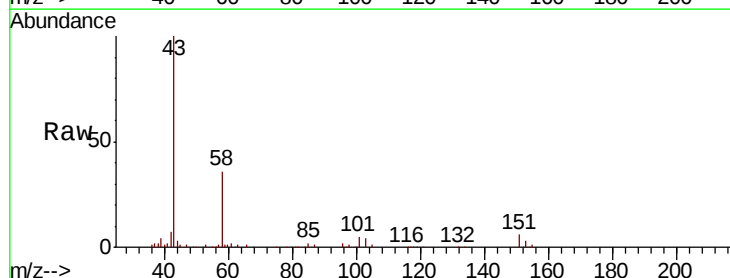
Acq: 8 Aug 2019 11:08

Tgt Ion: 43 Resp: 426998

Ion Ratio Lower Upper

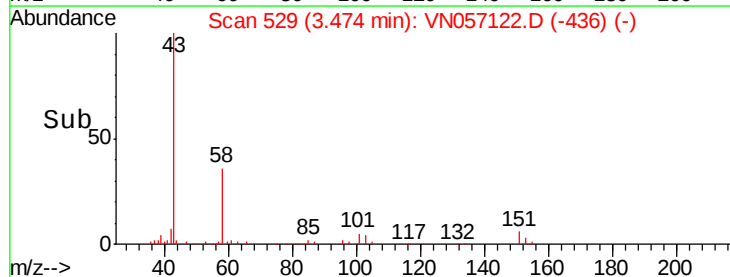
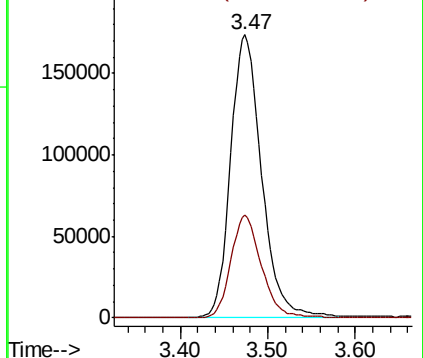
43 100

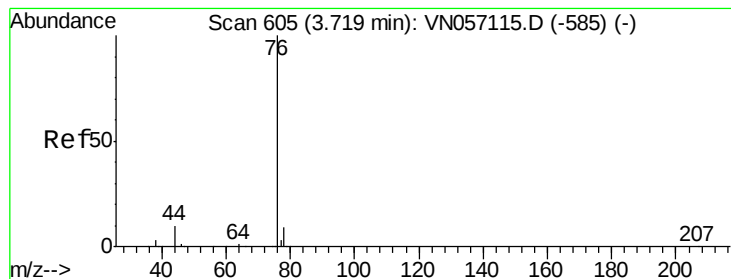
58 36.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.760 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

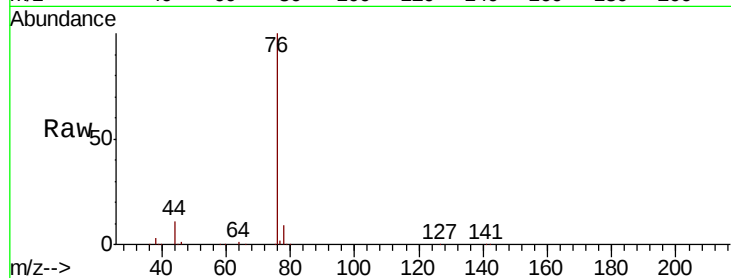
VN0808WBS01

Tgt Ion: 76 Resp: 546603

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

3.72

250000

200000

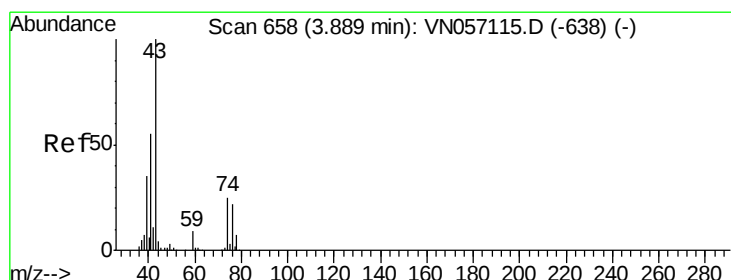
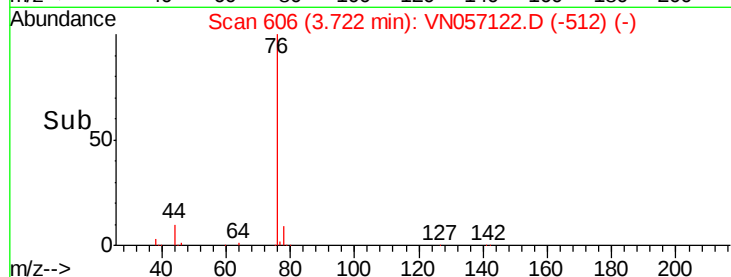
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.846 ug/l

RT: 3.89 min Scan# 659

Delta R.T. 0.00 min

Lab File: VN057122.D

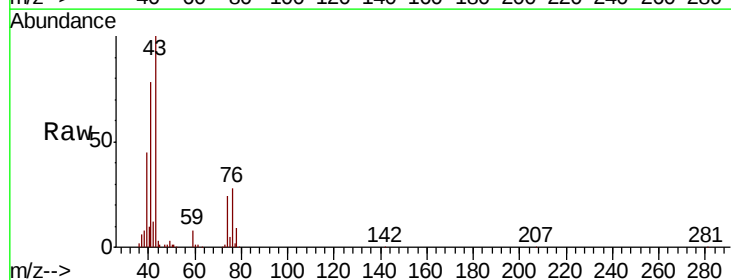
Acq: 8 Aug 2019 11:08

Tgt Ion: 43 Resp: 228907

Ion Ratio Lower Upper

43 100

74 25.4 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

100000

80000

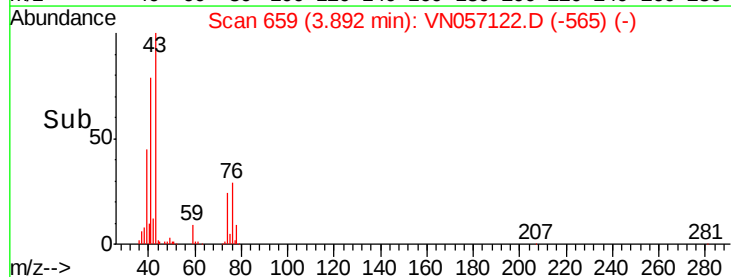
60000

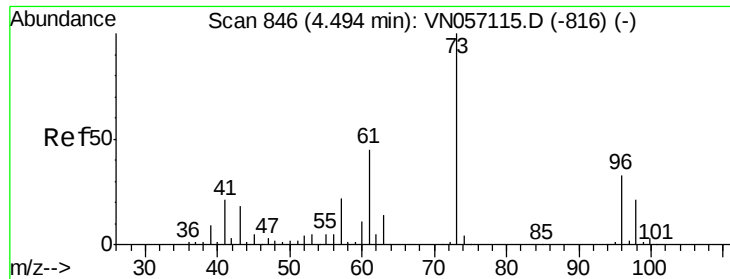
40000

20000

0

Time-->

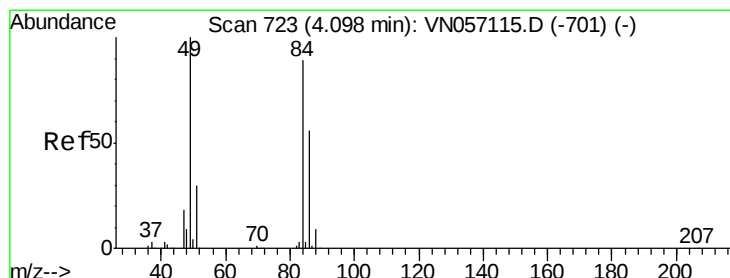
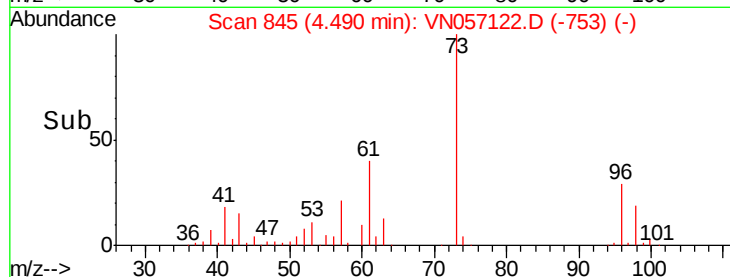
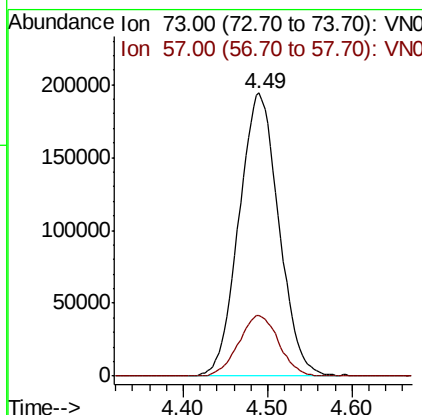
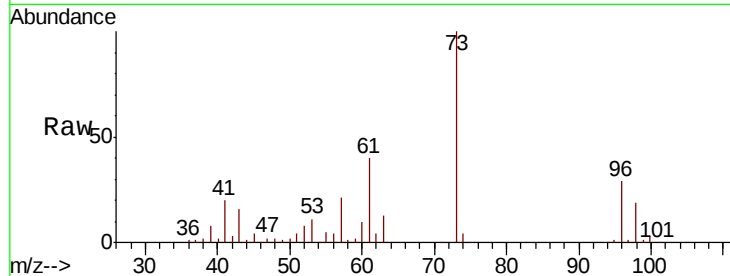




#19
Methyl tert-butyl Ether
Concen: 20.303 ug/l
RT: 4.49 min Scan# 845
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

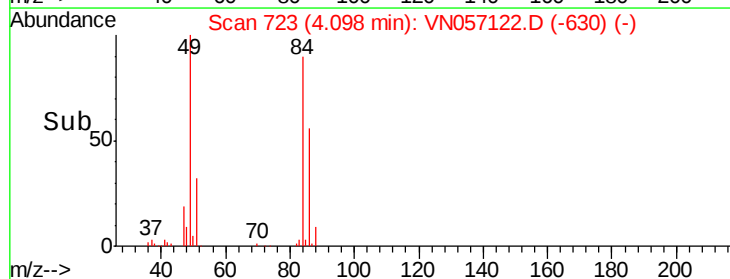
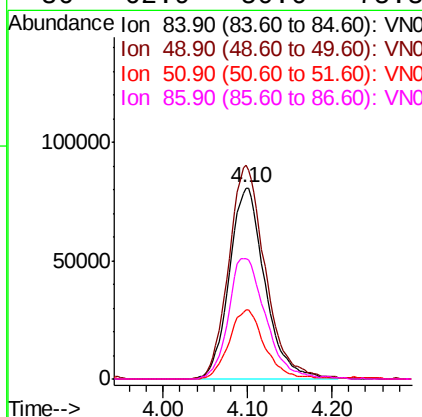
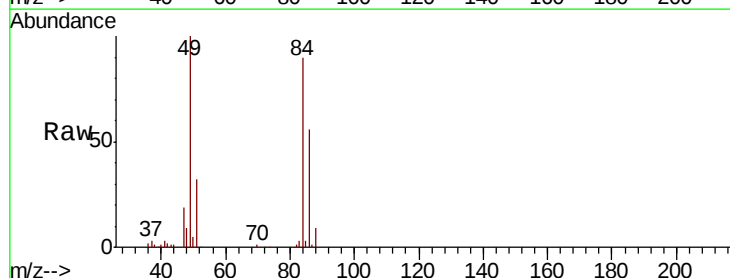
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBS01

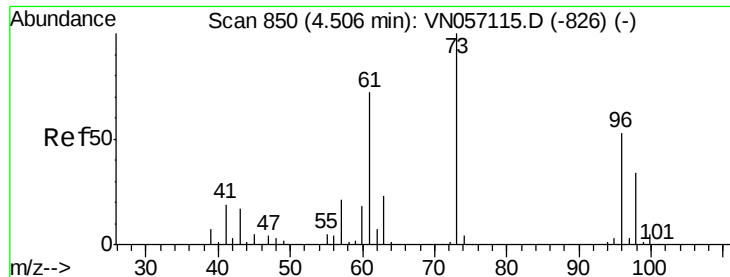
Tgt Ion: 73 Resp: 637350
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0



#20
Methylene Chloride
Concen: 18.998 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion: 84 Resp: 237964
Ion Ratio Lower Upper
84 100
49 111.6 89.5 134.3
51 35.8 27.2 40.8
86 62.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 19.709 ug/l

RT: 4.50 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

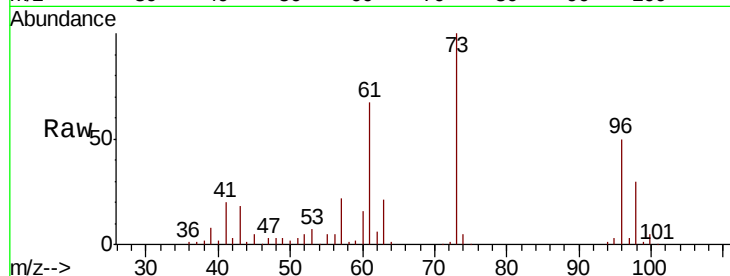
Tgt Ion: 96 Resp: 223252

Ion Ratio Lower Upper

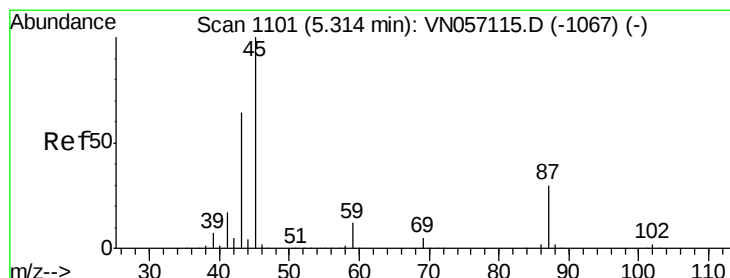
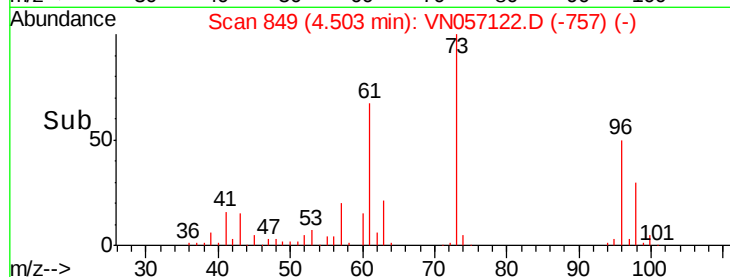
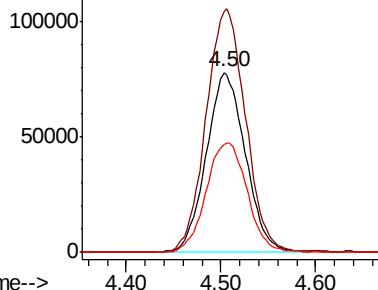
96 100

61 134.3 108.1 162.1

98 59.7 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.152 ug/l

RT: 5.31 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Tgt Ion: 45 Resp: 664221

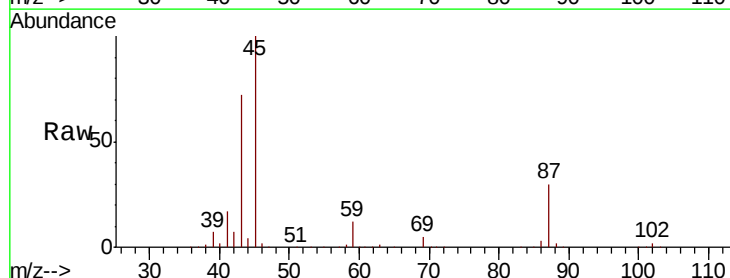
Ion Ratio Lower Upper

45 100

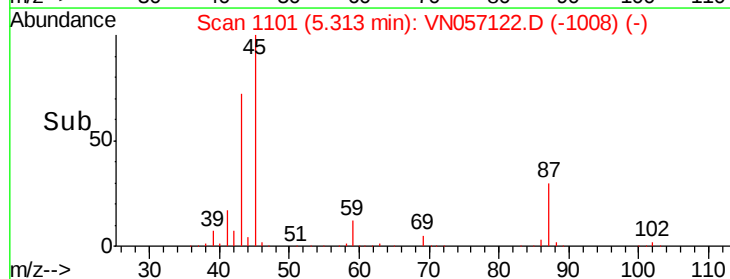
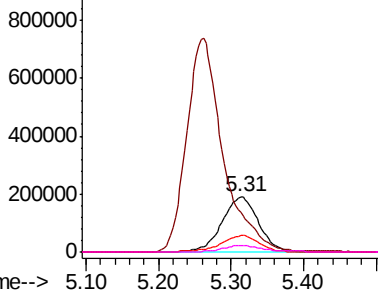
43 70.8 54.1 81.1

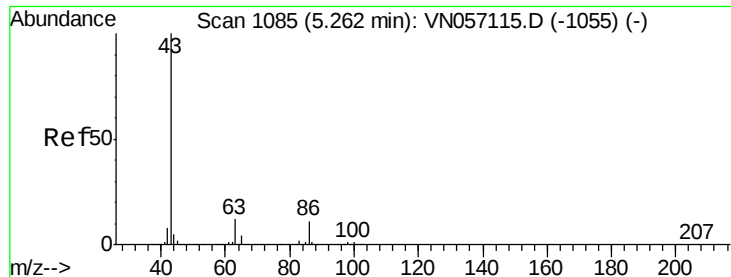
87 29.5 24.0 36.0

59 11.6 10.0 15.0



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





#23

Vinyl Acetate

Concen: 102.019 ug/l

RT: 5.26 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

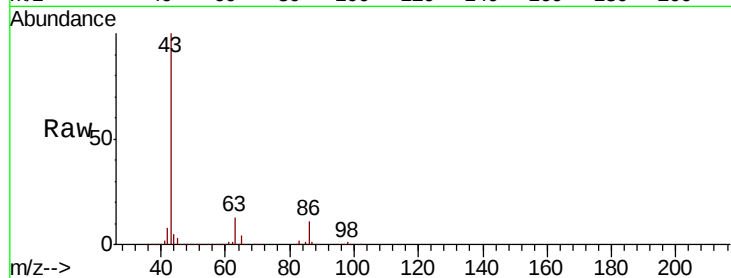
VN0808WBS01

Tgt Ion: 43 Resp: 2575009

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.26

800000

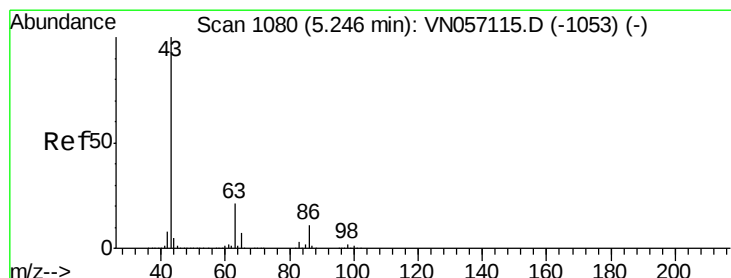
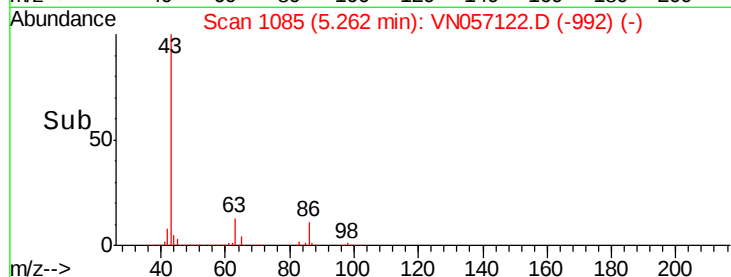
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.851 ug/l

RT: 5.25 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

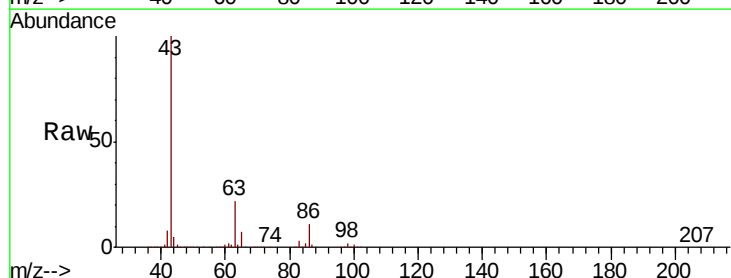
Tgt Ion: 63 Resp: 402237

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 3.9 2.1 6.3



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

5.25

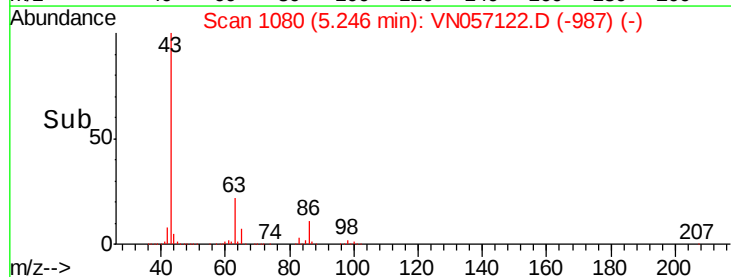
150000

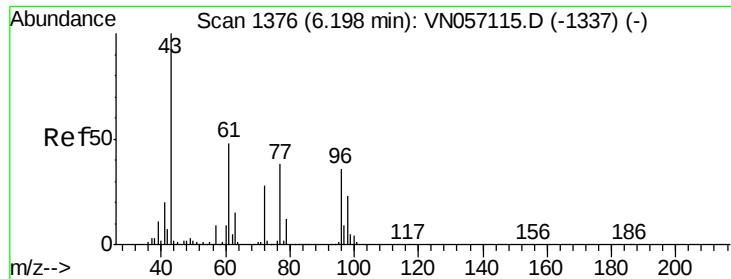
100000

50000

0

Time-->





#25

2-Butanone

Concen: 103.186 ug/l

RT: 6.20 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampled :

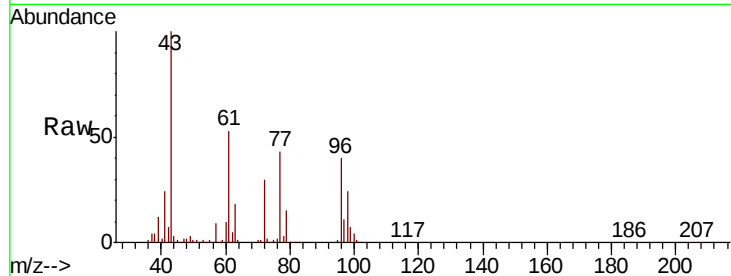
VN0808WBS01

Tgt Ion: 43 Resp: 598358

Ion Ratio Lower Upper

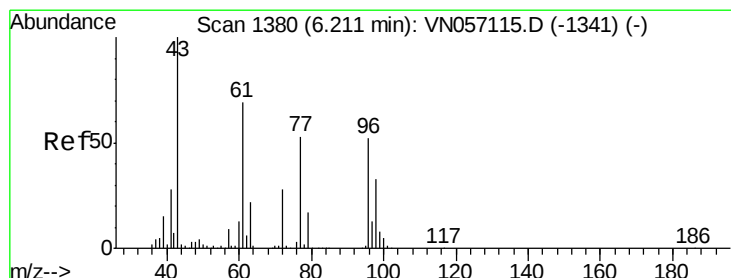
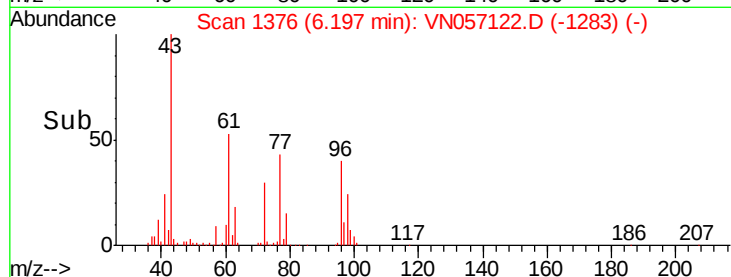
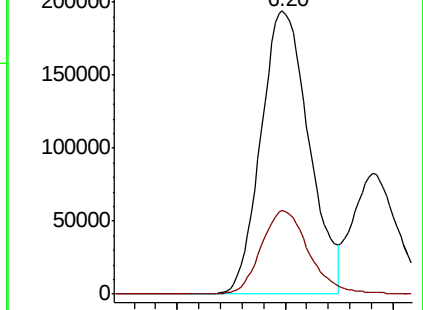
43 100

72 29.6 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 21.726 ug/l

RT: 6.21 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VN057122.D

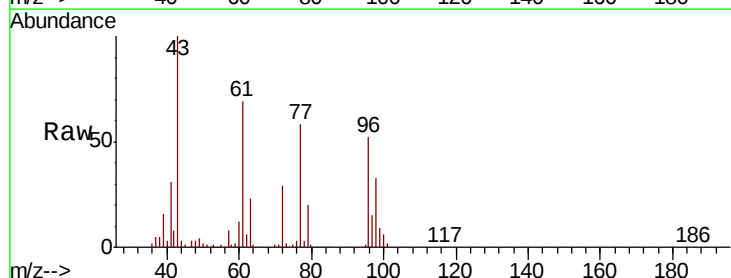
Acq: 8 Aug 2019 11:08

Tgt Ion: 77 Resp: 320282

Ion Ratio Lower Upper

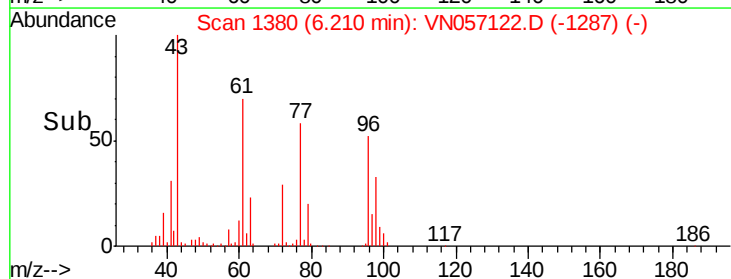
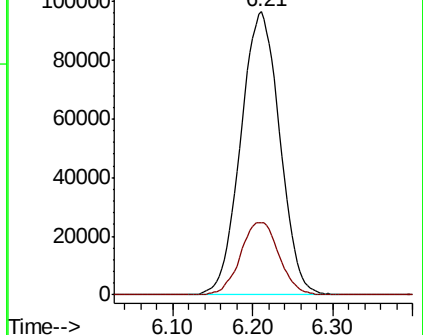
77 100

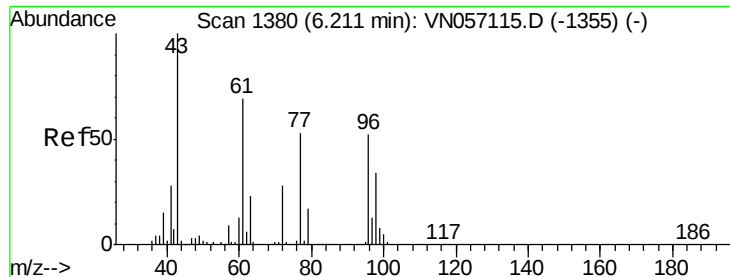
97 25.3 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

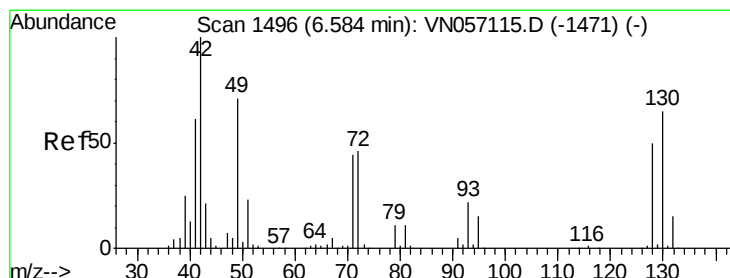
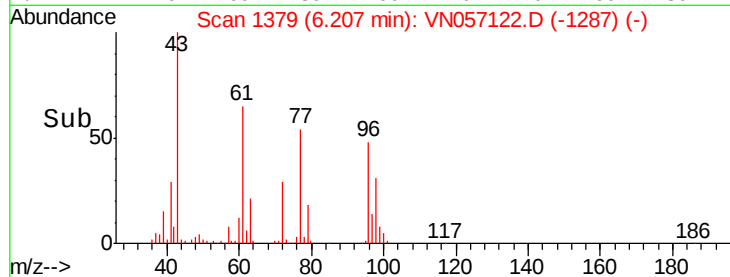
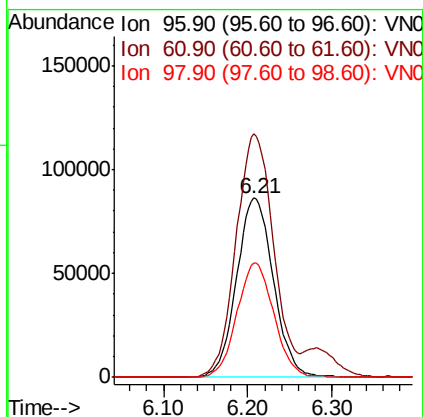
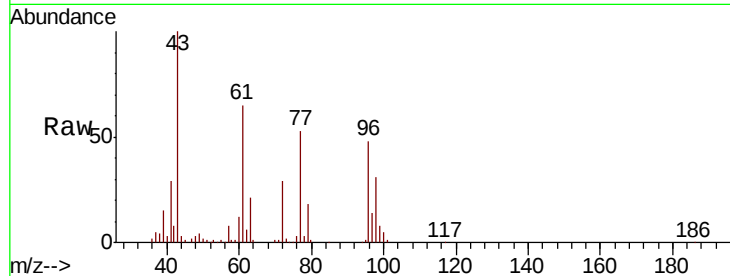




#27
 cis-1,2-Dichloroethene
 Concen: 20.241 ug/l
 RT: 6.21 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

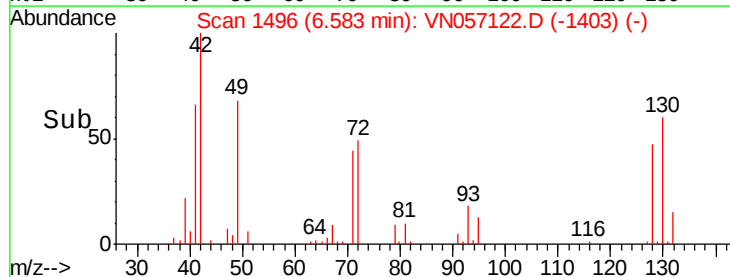
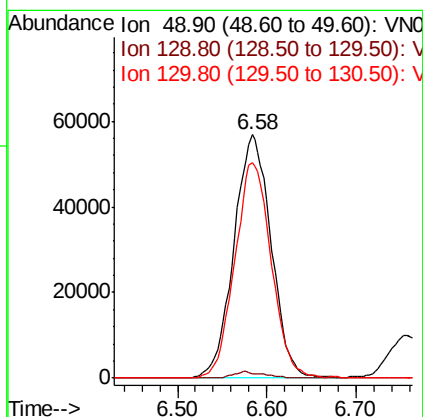
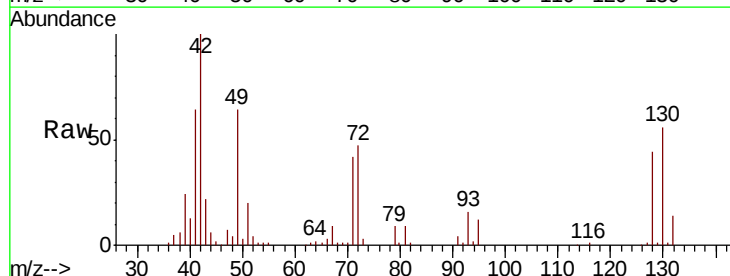
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

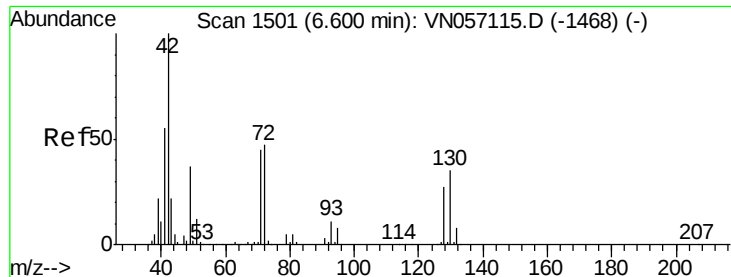
Tgt Ion: 96 Resp: 262662
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 273.4
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 17.595 ug/l
 RT: 6.58 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Tgt Ion: 49 Resp: 163983
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 87.0 73.8 110.8

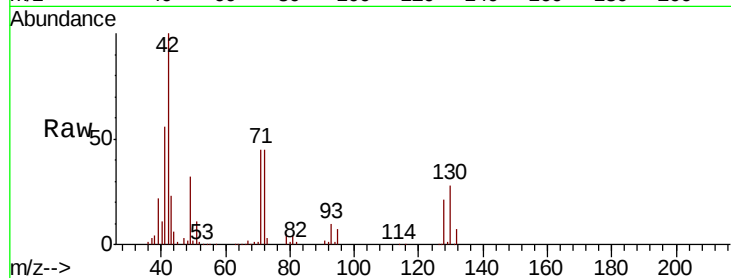




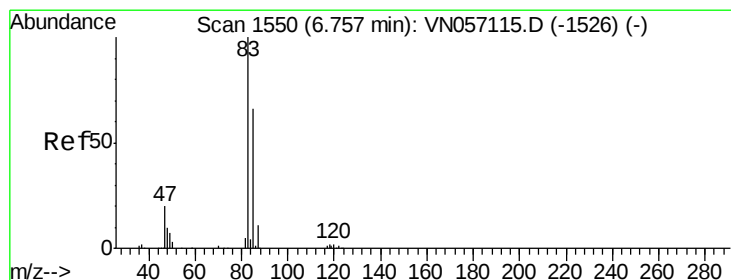
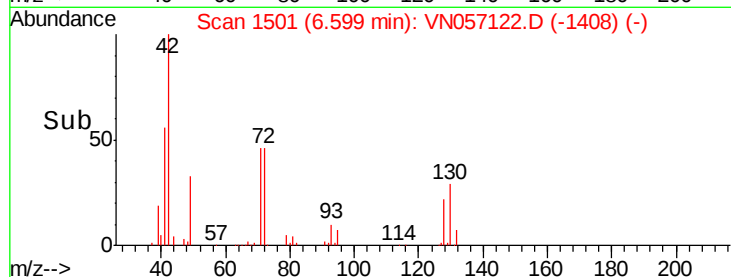
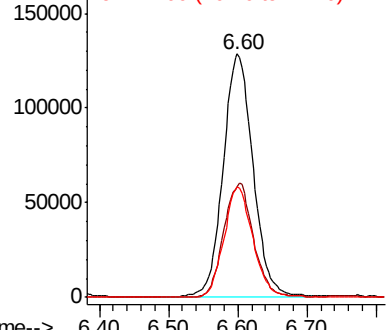
#29
Tetrahydrofuran
Concen: 98.813 ug/l
RT: 6.60 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Instrument :
MSVOA_N
ClientSampled :
VN0808WBS01

Tgt Ion: 42 Resp: 385998
Ion Ratio Lower Upper
42 100
72 46.5 37.1 55.7
71 43.7 34.8 52.2

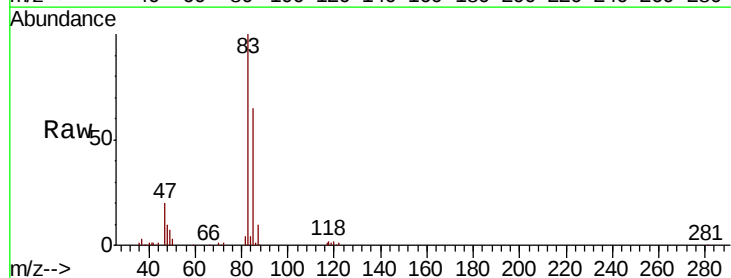


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

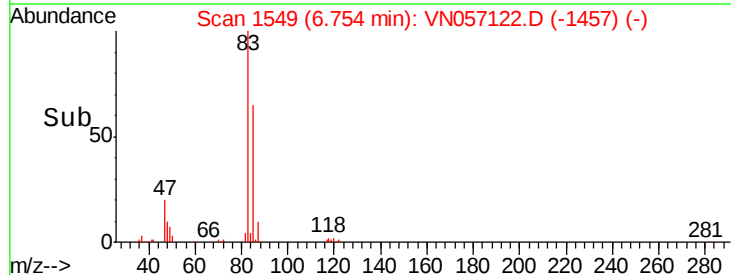
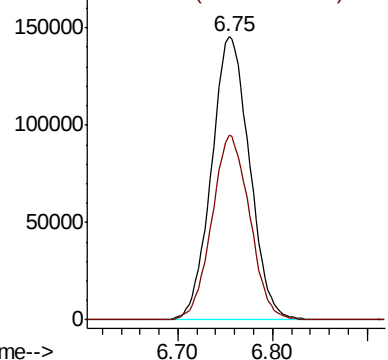


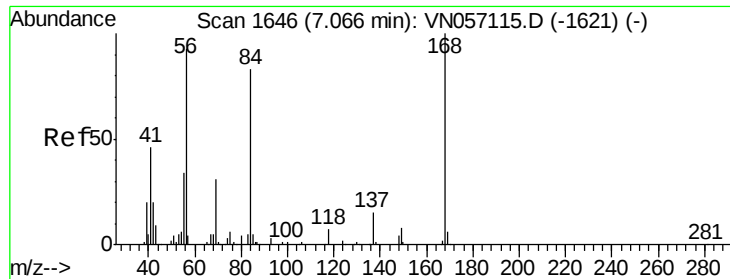
#30
Chloroform
Concen: 19.360 ug/l
RT: 6.75 min Scan# 1549
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion: 83 Resp: 406014
Ion Ratio Lower Upper
83 100
85 65.2 52.6 78.8



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

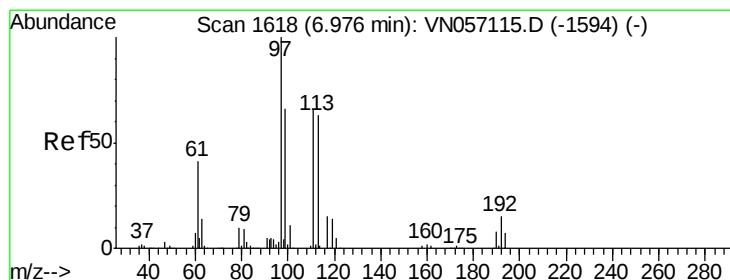
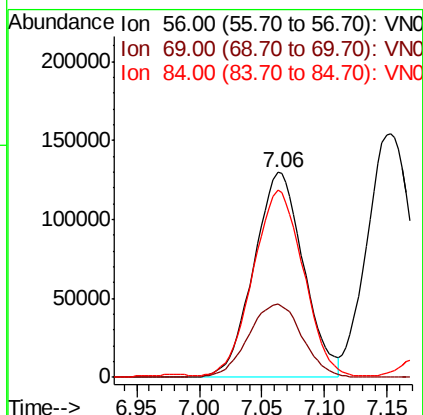
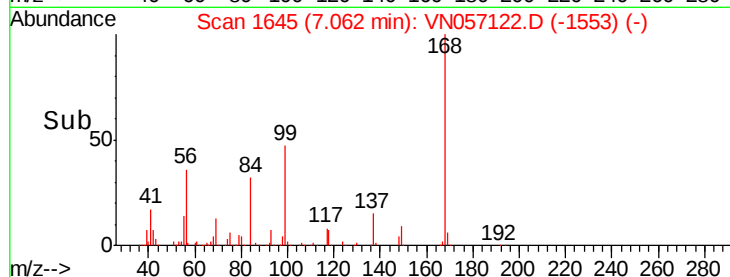
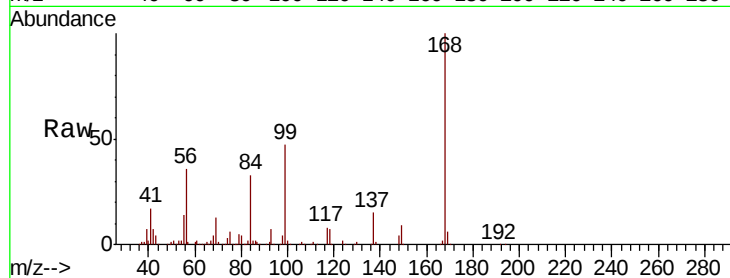




#31
Cyclohexane
Concen: 19.681 ug/l
RT: 7.06 min Scan# 1645
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

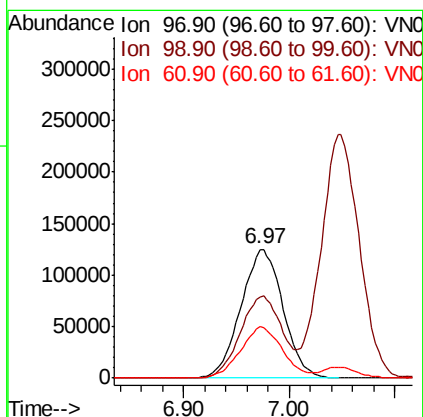
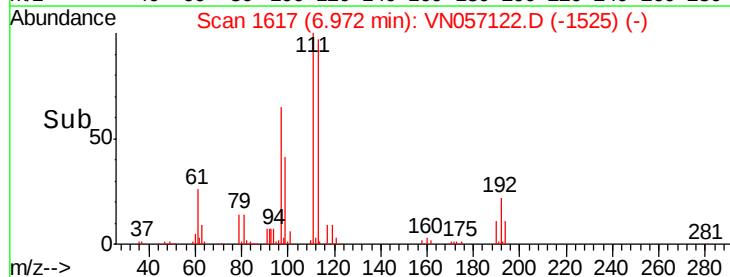
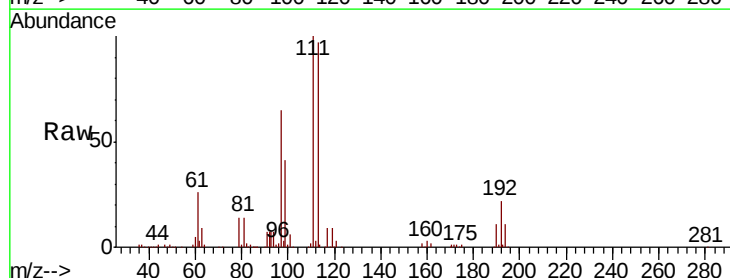
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBS01

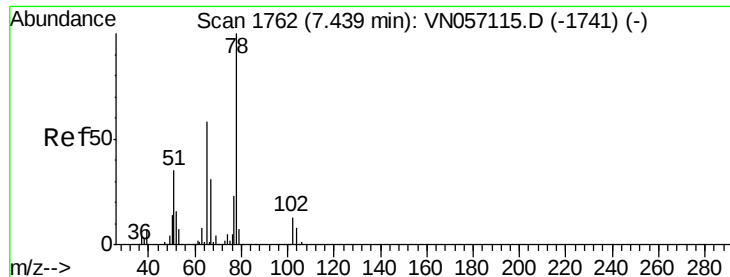
Tgt Ion: 56 Resp: 358775
Ion Ratio Lower Upper
56 100
69 35.6 26.9 40.3
84 90.0 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 19.733 ug/l
RT: 6.97 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion: 97 Resp: 347156
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.6
61 40.0 32.7 49.1

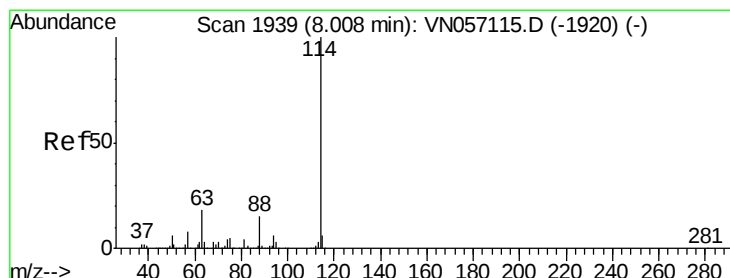
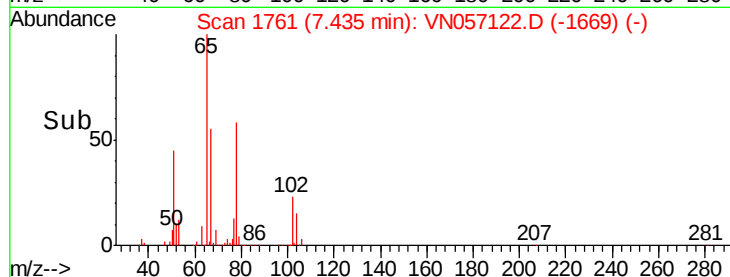
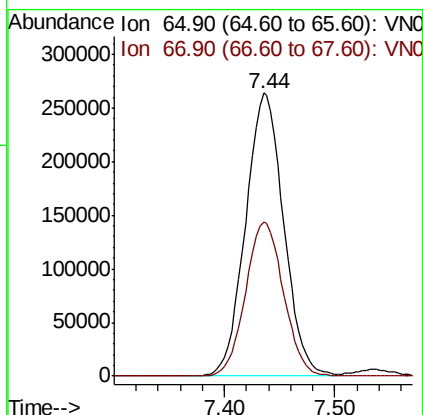
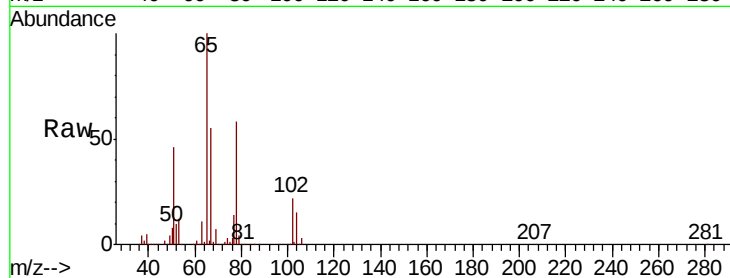




#33
 1,2-Dichloroethane-d4
 Concen: 50.329 ug/l
 RT: 7.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

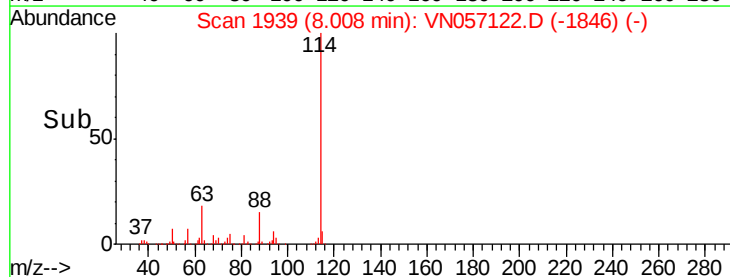
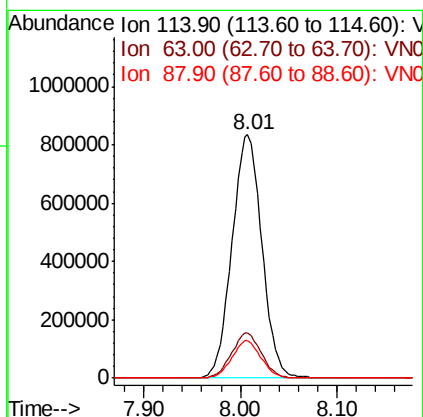
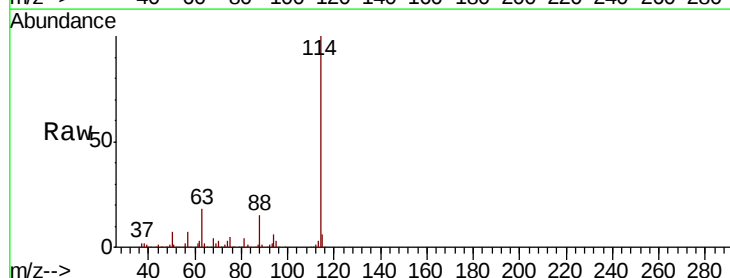
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

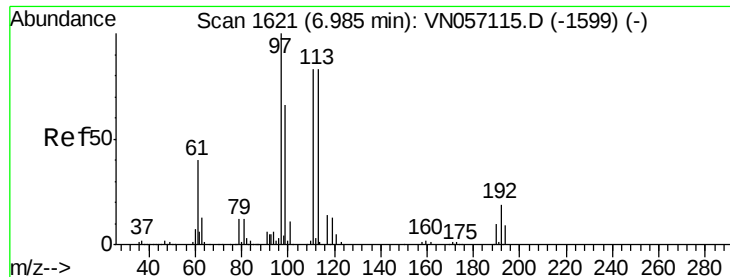
Tgt Ion: 65 Resp: 632519
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Tgt Ion: 114 Resp: 1790369
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.905 ug/l

RT: 6.98 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

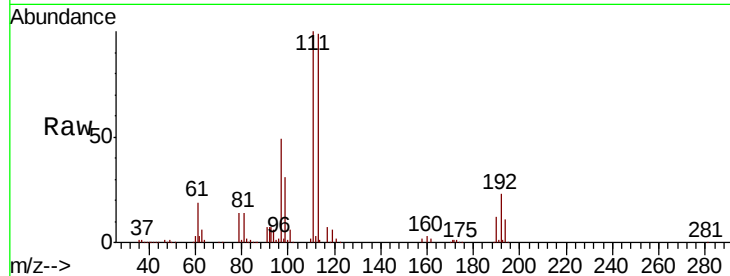
Tgt Ion:113 Resp: 594376

Ion Ratio Lower Upper

113 100

111 100.8 81.3 121.9

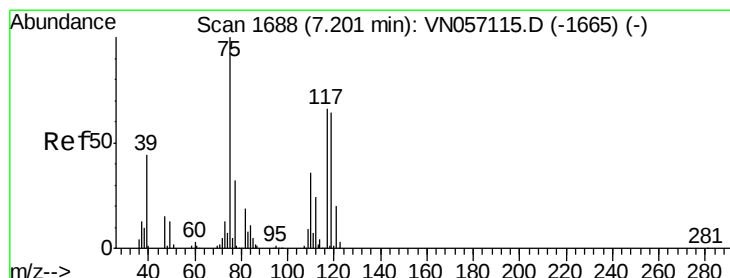
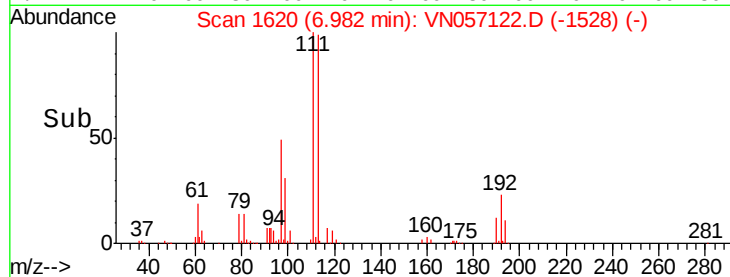
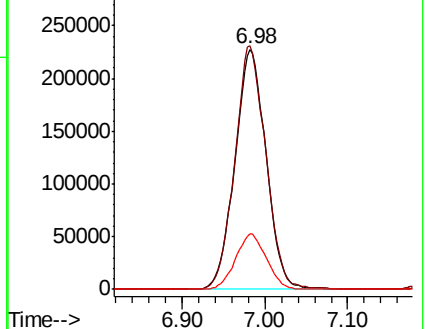
192 22.9 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.543 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

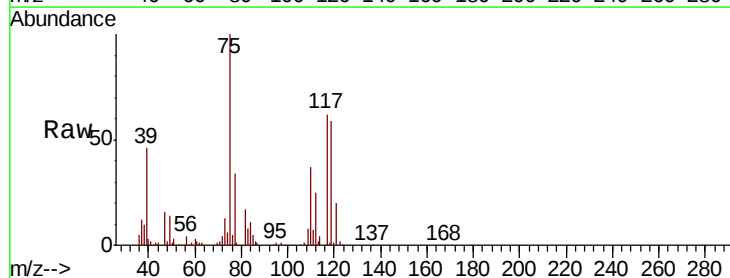
Tgt Ion: 75 Resp: 302825

Ion Ratio Lower Upper

75 100

110 37.6 18.7 56.1

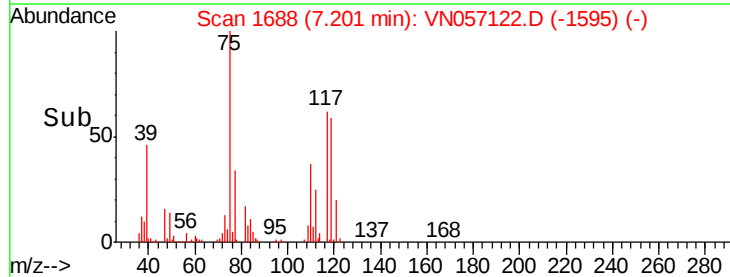
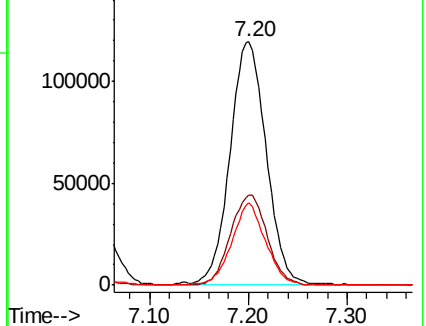
77 31.7 25.0 37.4

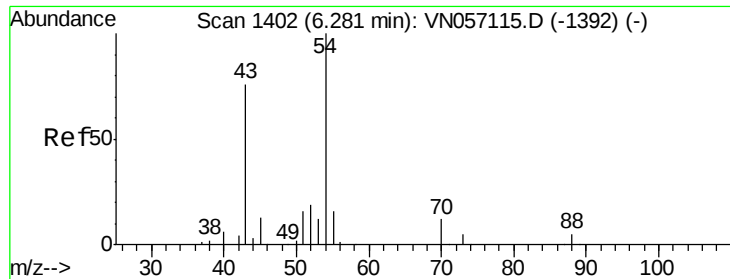


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

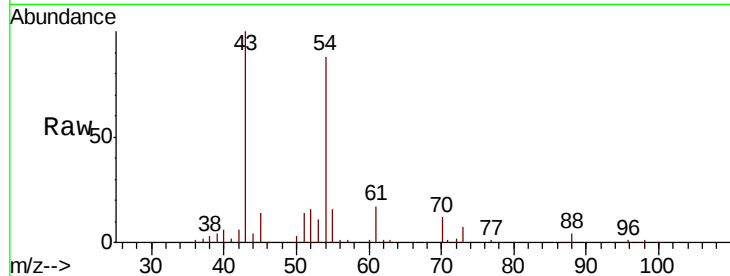




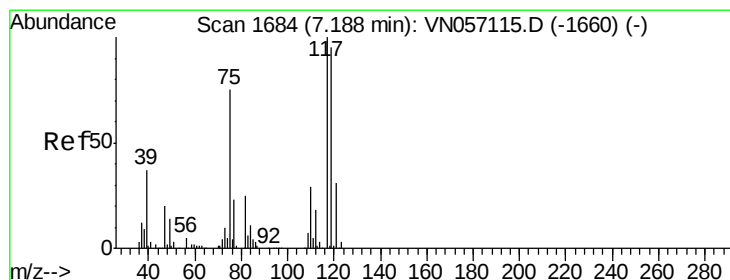
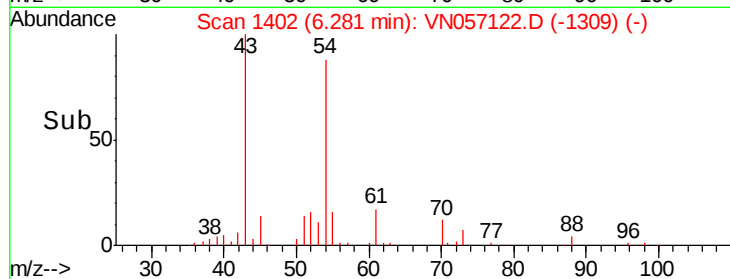
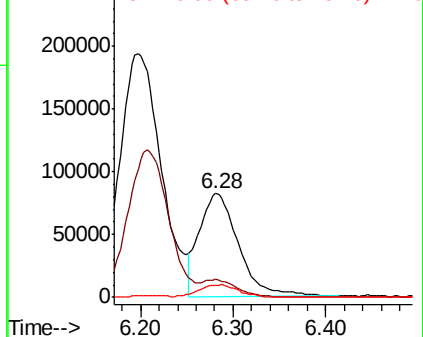
#37
Ethyl Acetate
Concen: 19.729 ug/l
RT: 6.28 min Scan# 1402
Delta R.T. 0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Instrument :
MSVOA_N
ClientSampled :
VN0808WBS01

Tgt Ion: 43 Resp: 239835
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 11.9 9.1 13.7

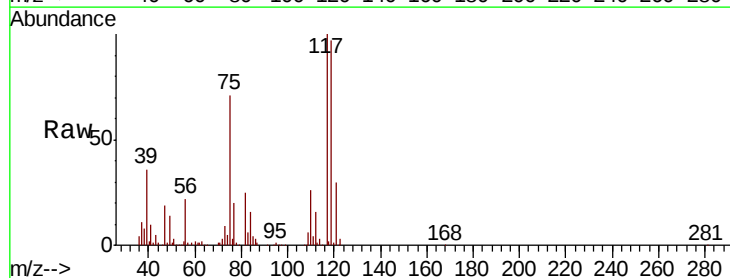


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

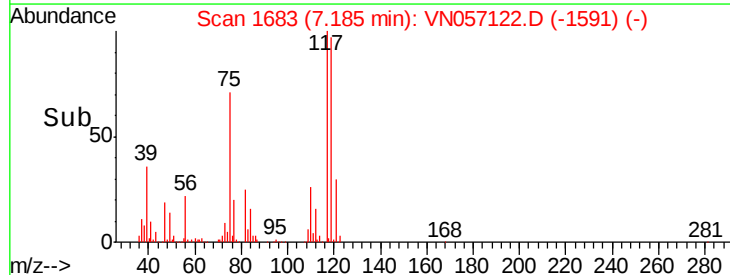
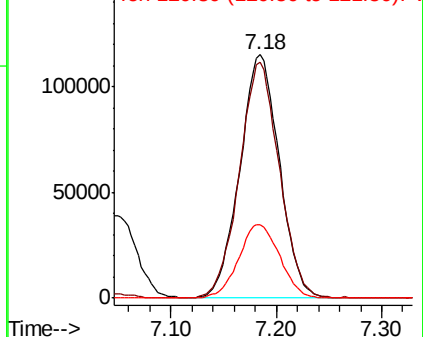


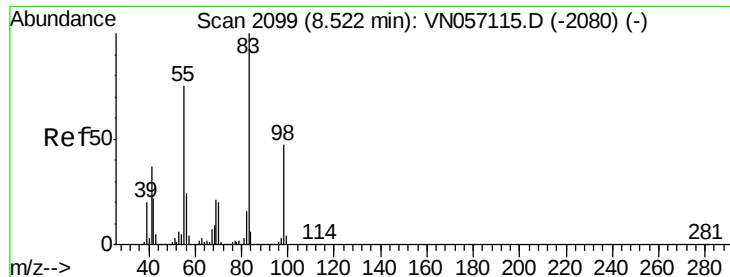
#38
Carbon Tetrachloride
Concen: 19.432 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion: 117 Resp: 298530
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.6
121 30.1 24.4 36.6



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

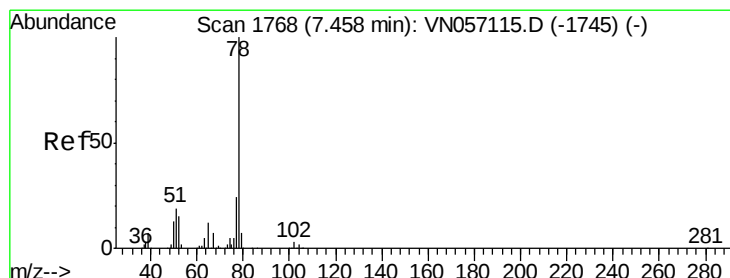
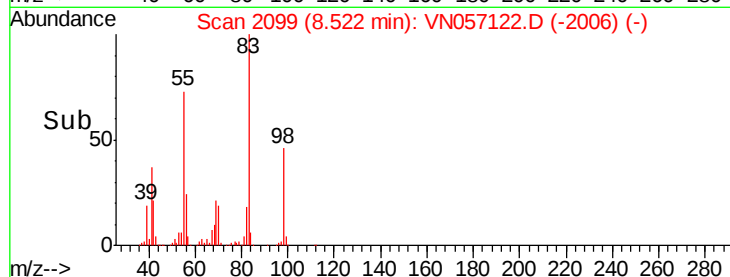
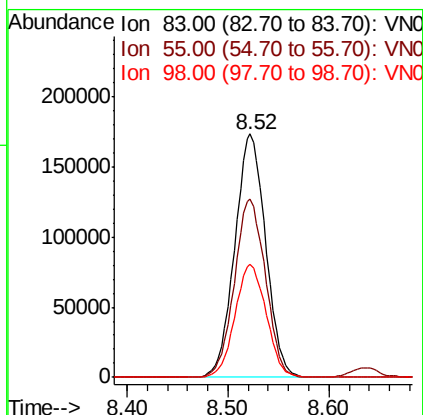
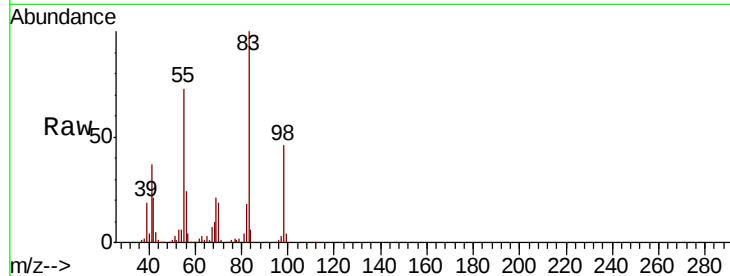




#39
Methylcyclohexane
Concen: 20.537 ug/l
RT: 8.52 min Scan# 2099
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

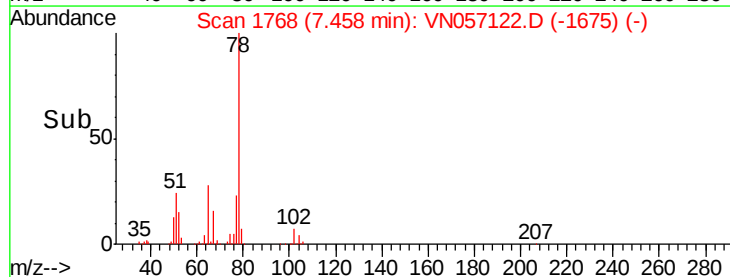
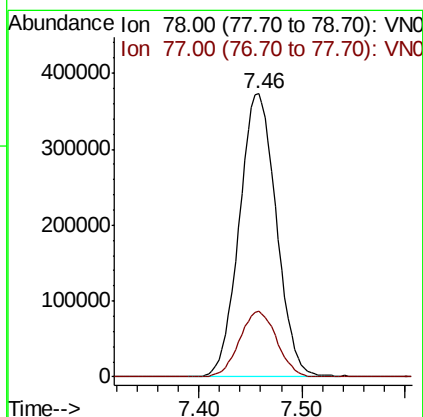
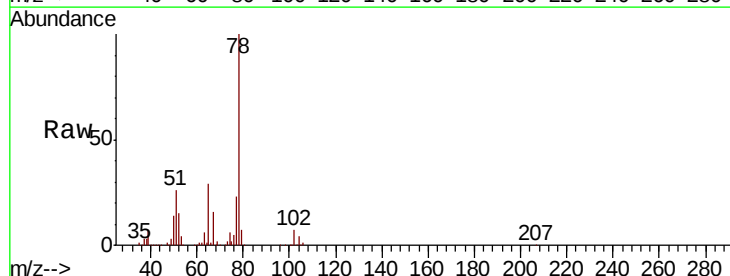
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBS01

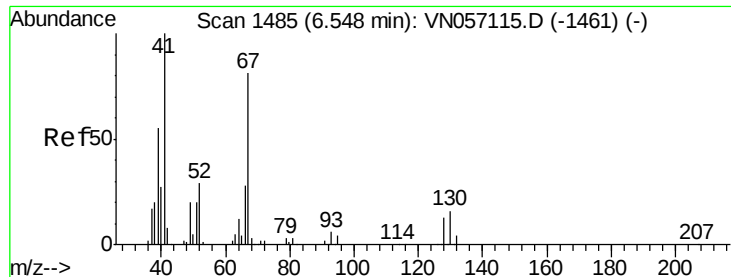
Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.2	60.3	90.5
98	46.3	37.9	56.9



#40
Benzene
Concen: 19.953 ug/l
RT: 7.46 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





#41

Methacrylonitrile

Concen: 20.551 ug/l

RT: 6.55 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampled :

VN0808WBS01

Tgt Ion: 41 Resp: 126854

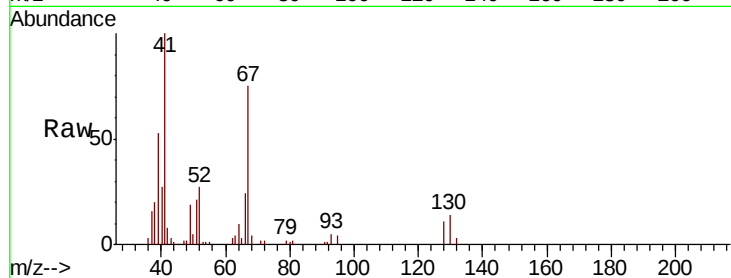
Ion Ratio Lower Upper

41 100

39 57.5 44.9 67.3

67 84.9 69.1 103.7

52 30.7 25.8 38.6

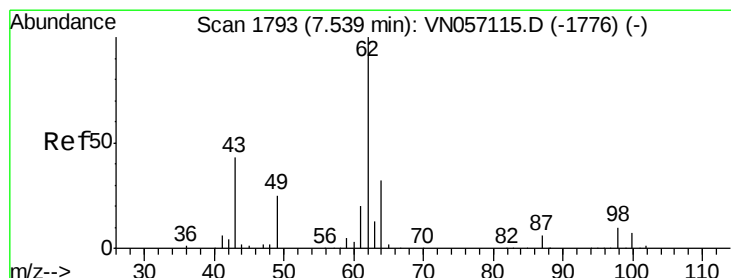
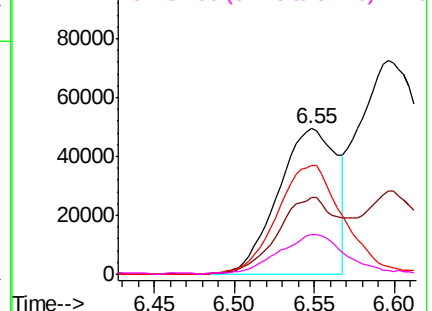
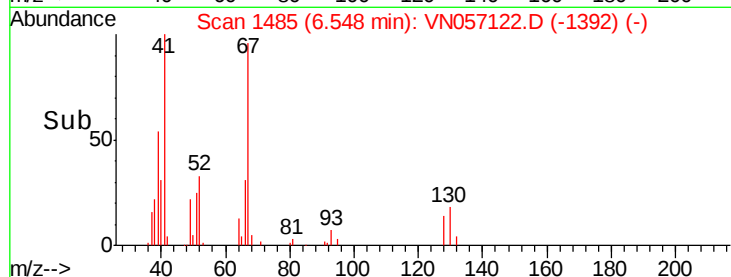


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.671 ug/l

RT: 7.54 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VN057122.D

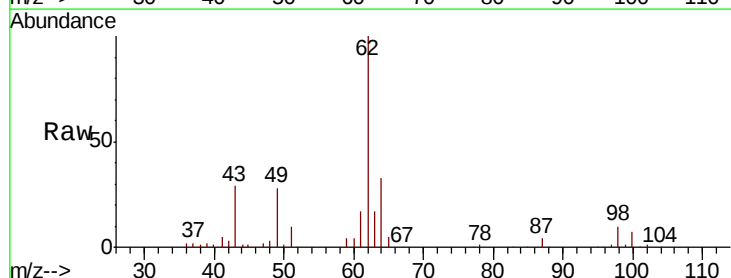
Acq: 8 Aug 2019 11:08

Tgt Ion: 62 Resp: 292769

Ion Ratio Lower Upper

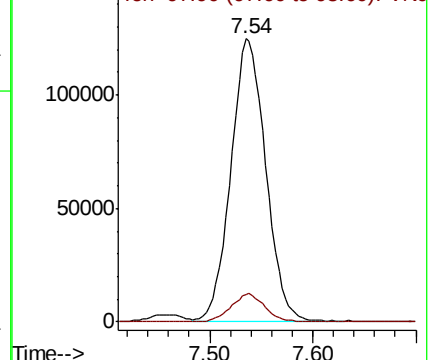
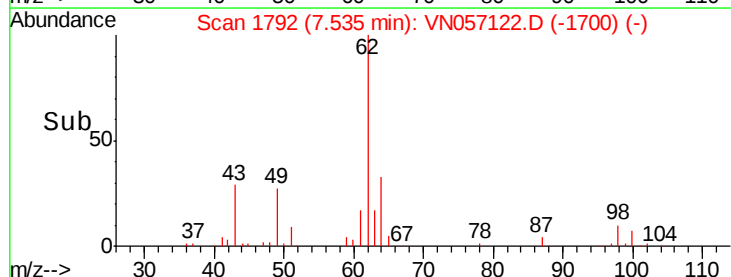
62 100

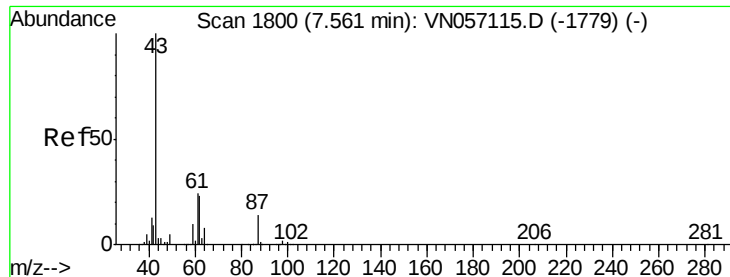
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.587 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

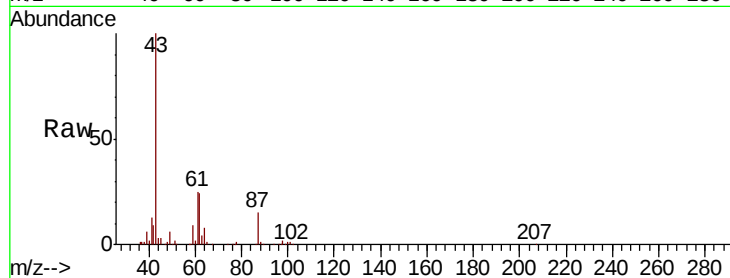
Tgt Ion: 43 Resp: 406186

Ion Ratio Lower Upper

43 100

61 29.4 24.2 36.2

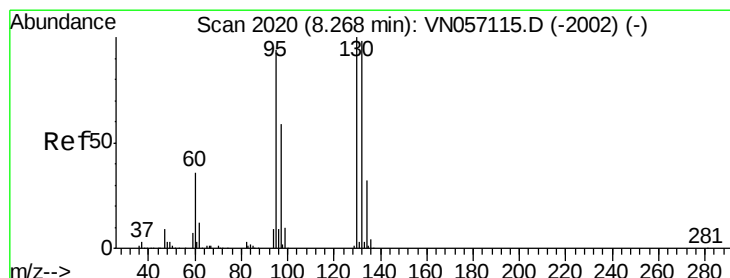
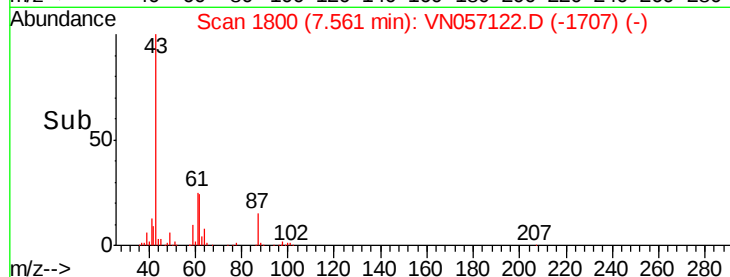
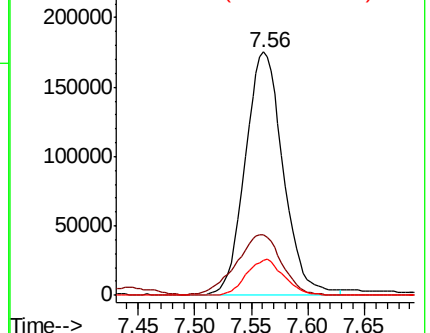
87 14.9 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 20.540 ug/l

RT: 8.27 min Scan# 2020

Delta R.T. -0.00 min

Lab File: VN057122.D

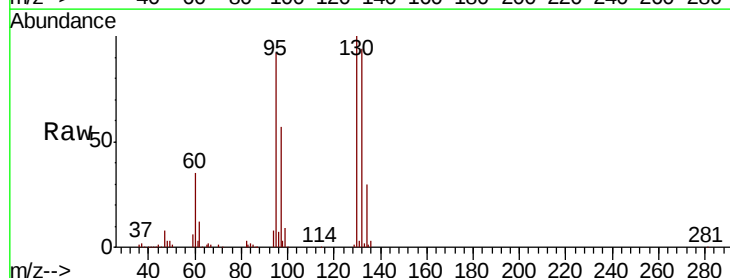
Acq: 8 Aug 2019 11:08

Tgt Ion: 130 Resp: 268535

Ion Ratio Lower Upper

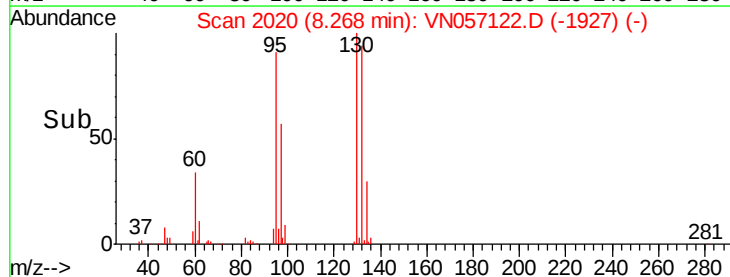
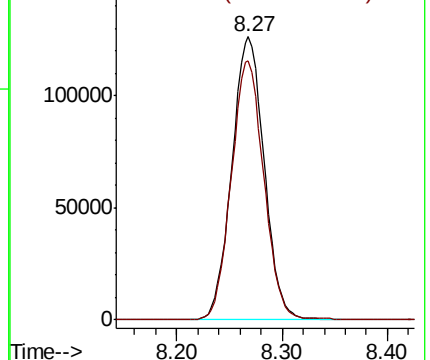
130 100

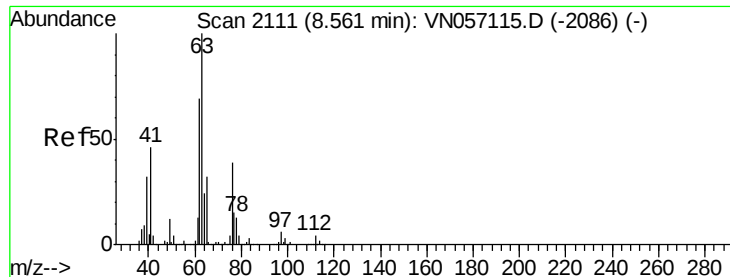
95 91.7 0.0 187.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.156 ug/l

RT: 8.56 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

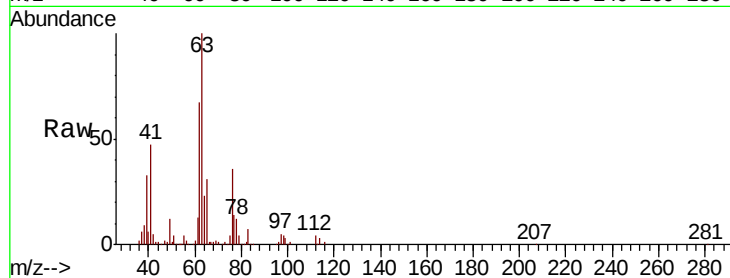
VN0808WBS01

Tgt Ion: 63 Resp: 243552

Ion Ratio Lower Upper

63 100

65 31.5 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

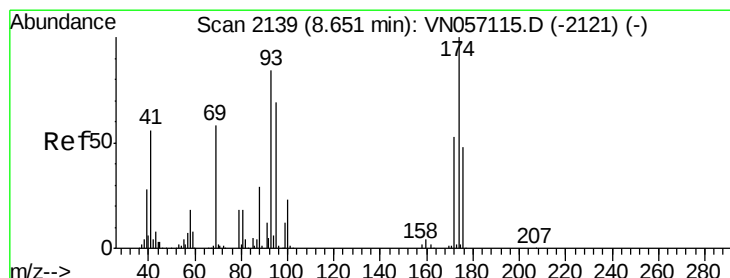
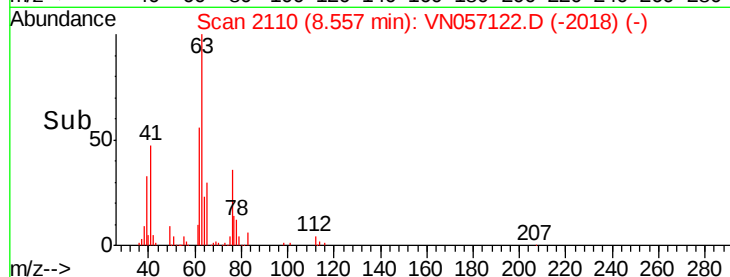
8.56

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 20.211 ug/l

RT: 8.65 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

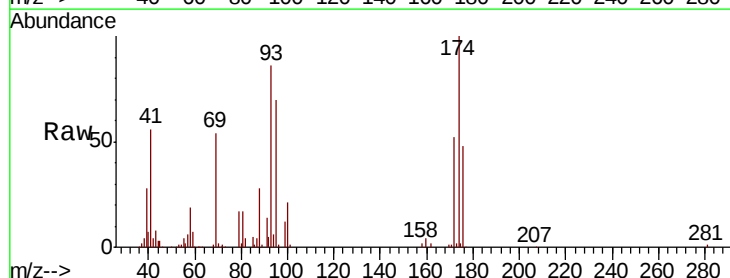
Tgt Ion: 93 Resp: 156585

Ion Ratio Lower Upper

93 100

95 83.3 66.0 99.0

174 119.5 96.0 144.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

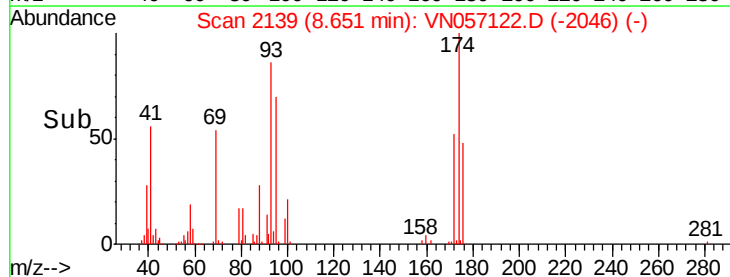
60000

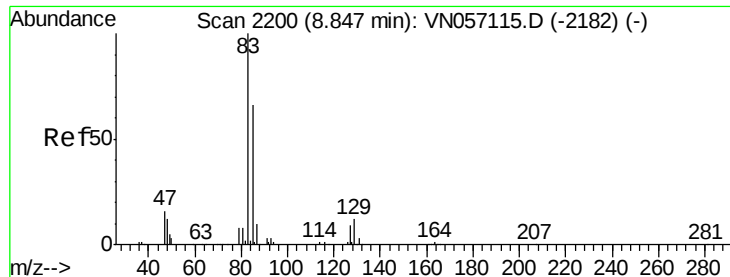
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 20.223 ug/l

RT: 8.85 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

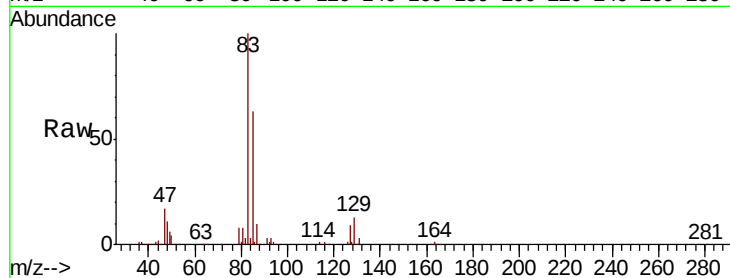
Tgt Ion: 83 Resp: 303165

Ion Ratio Lower Upper

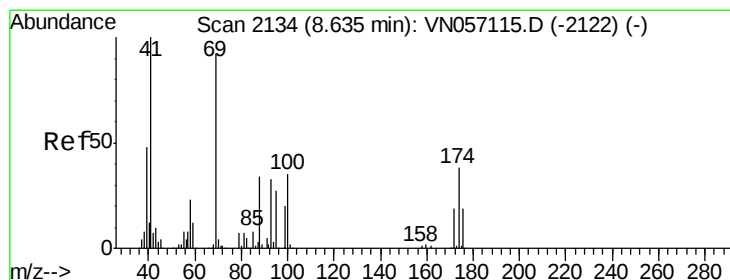
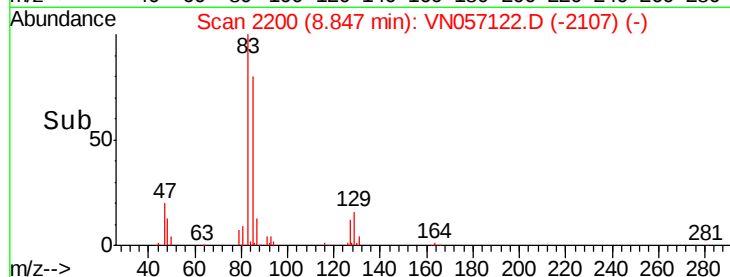
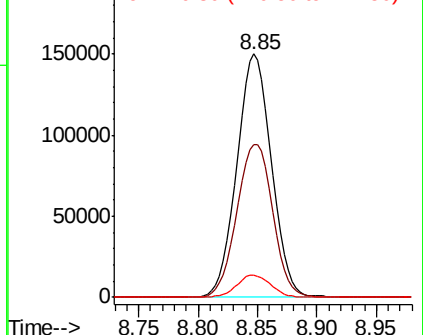
83 100

85 62.6 52.6 78.8

127 9.3 7.5 11.3



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



#48

Methyl methacrylate

Concen: 19.096 ug/l

RT: 8.63 min Scan# 2134

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

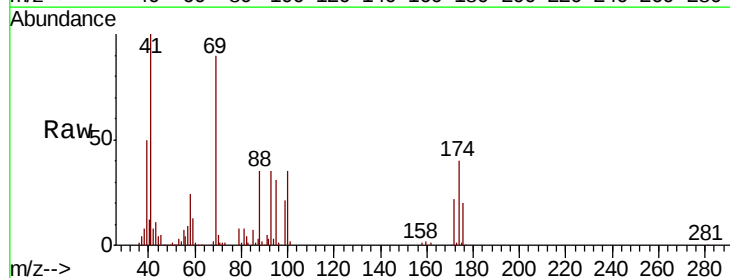
Tgt Ion: 41 Resp: 186728

Ion Ratio Lower Upper

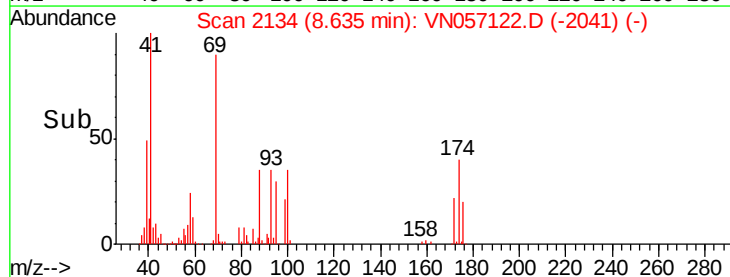
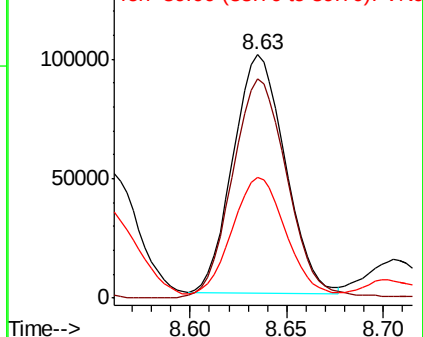
41 100

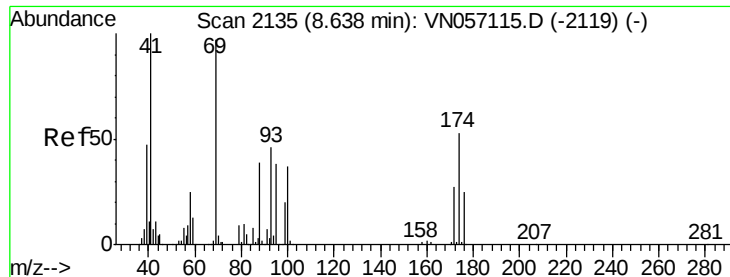
69 97.3 77.5 116.3

39 53.0 39.8 59.6



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

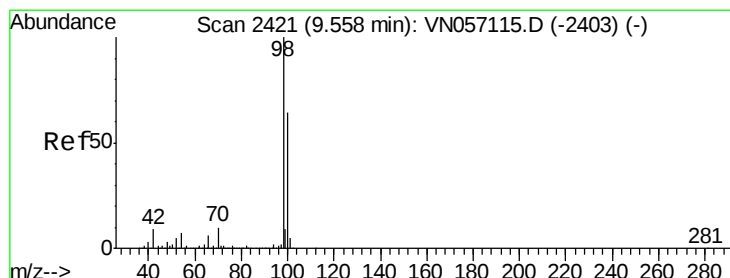
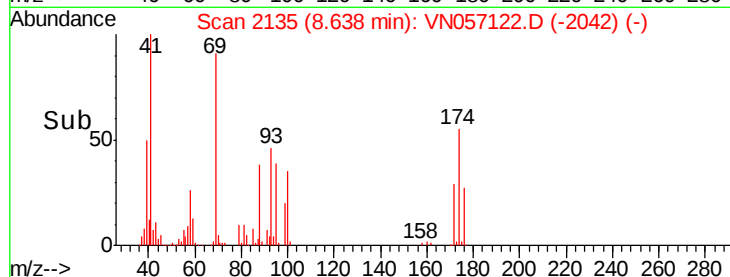
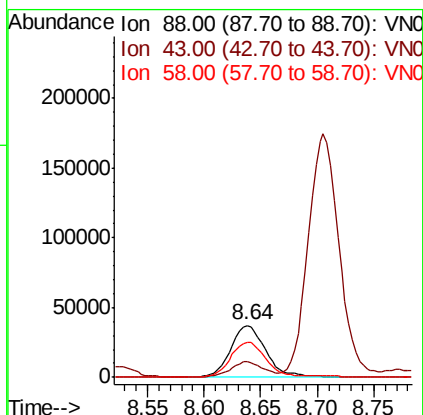
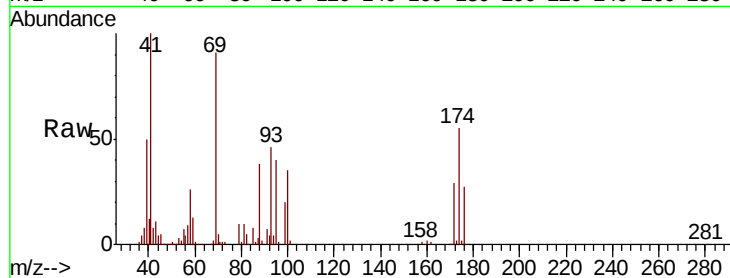




#49
1,4-Dioxane
Concen: 407.661 ug/l
RT: 8.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

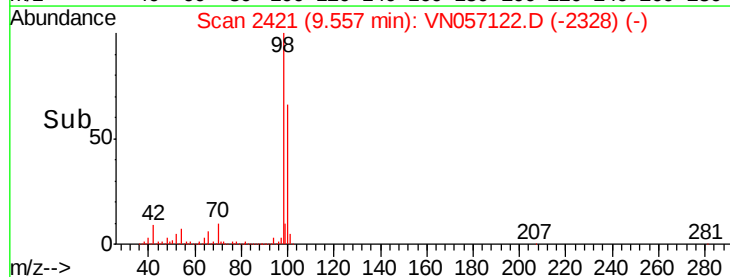
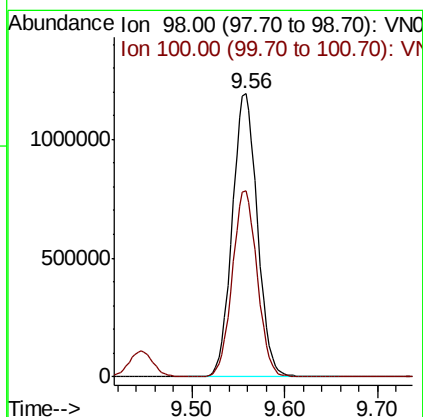
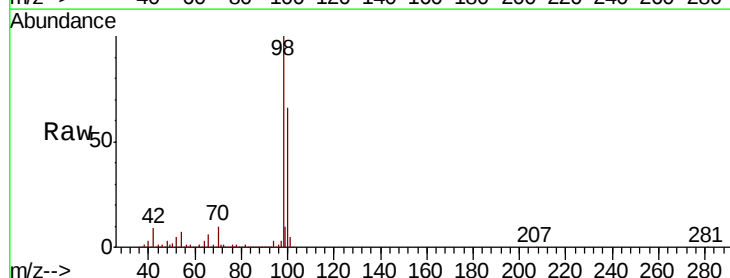
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBS01

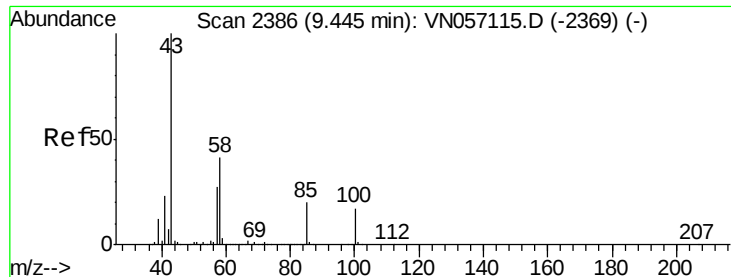
Tgt Ion: 88 Resp: 81188
Ion Ratio Lower Upper
88 100
43 29.0 21.7 32.5
58 67.5 51.1 76.7



#50
Toluene-d8
Concen: 51.926 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion: 98 Resp: 2231908
Ion Ratio Lower Upper
98 100
100 65.4 51.2 76.8

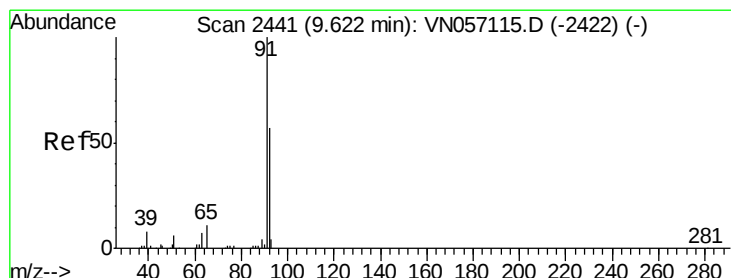
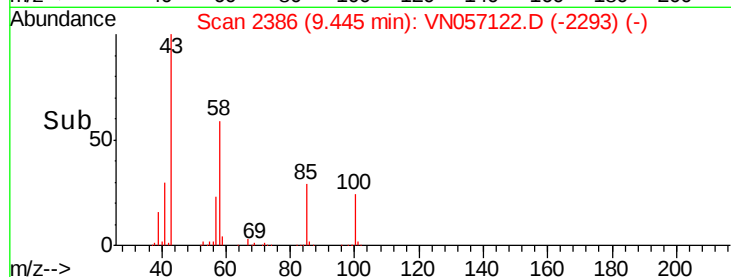
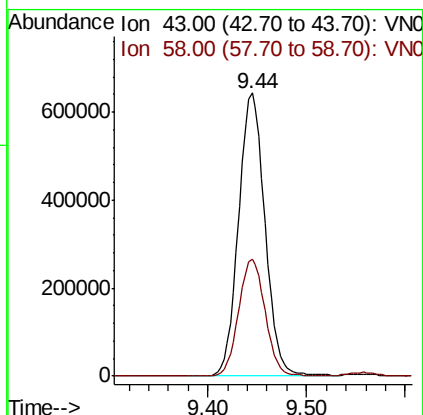
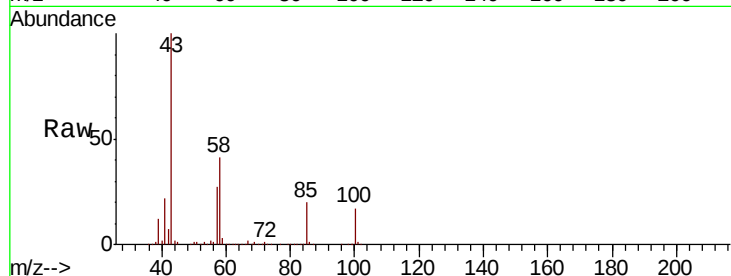




#51
 4-Methyl-2-Pentanone
 Concen: 98.942 ug/l
 RT: 9.44 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

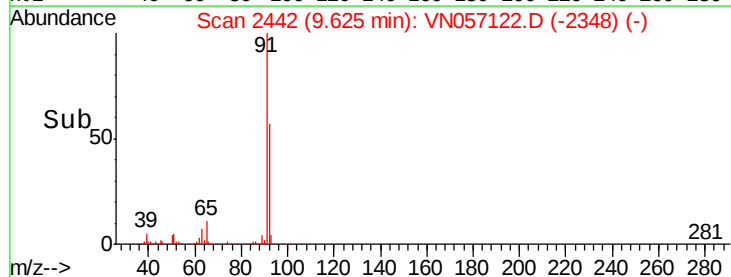
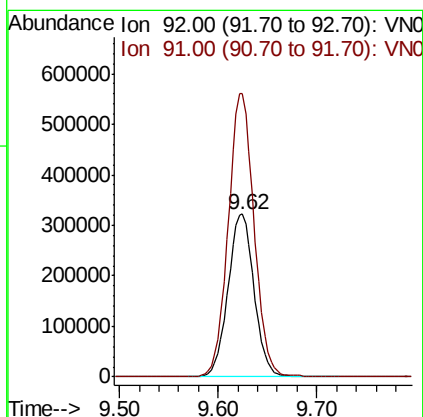
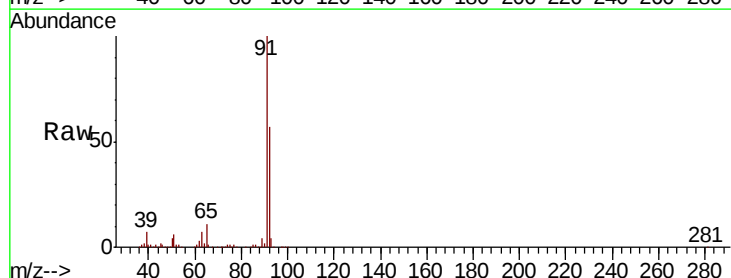
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

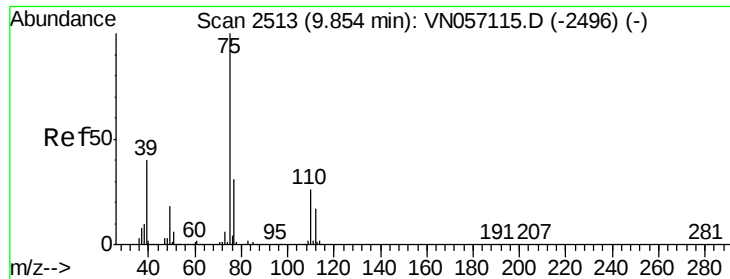
Tgt Ion: 43 Resp: 1194110
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.2 49.8



#52
 Toluene
 Concen: 20.543 ug/l
 RT: 9.62 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Tgt Ion: 92 Resp: 595066
 Ion Ratio Lower Upper
 92 100
 91 172.5 139.8 209.8





#53

t-1,3-Dichloropropene

Concen: 20.842 ug/l

RT: 9.86 min Scan# 2514

Delta R.T. 0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

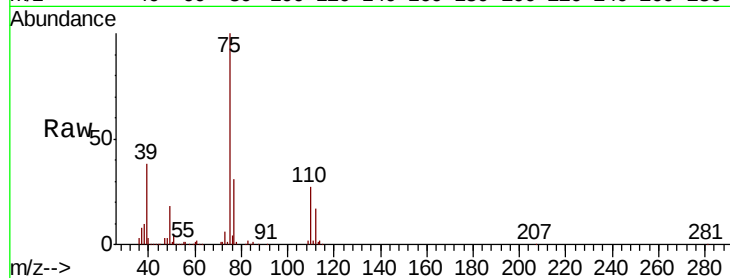
VN0808WBS01

Tgt Ion: 75 Resp: 326404

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

9.86

200000

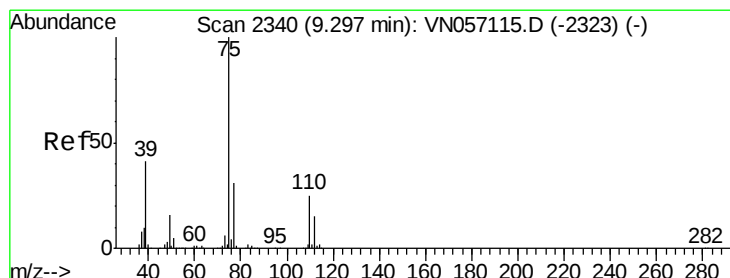
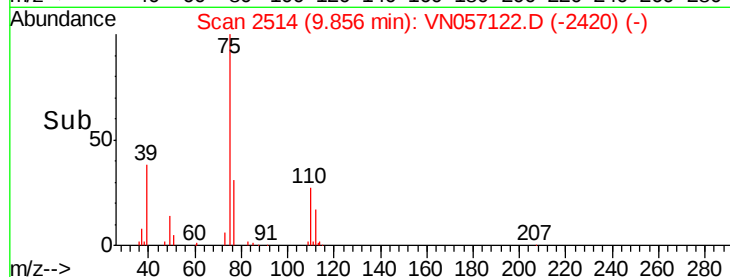
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.879 ug/l

RT: 9.30 min Scan# 2340

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

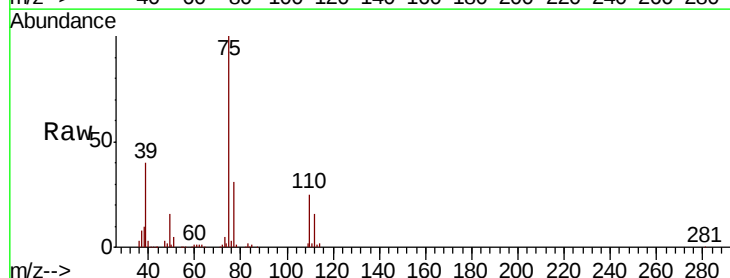
Tgt Ion: 75 Resp: 375193

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 40.3 32.5 48.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

250000

200000

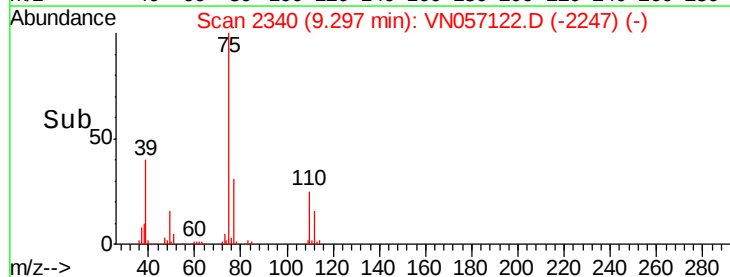
150000

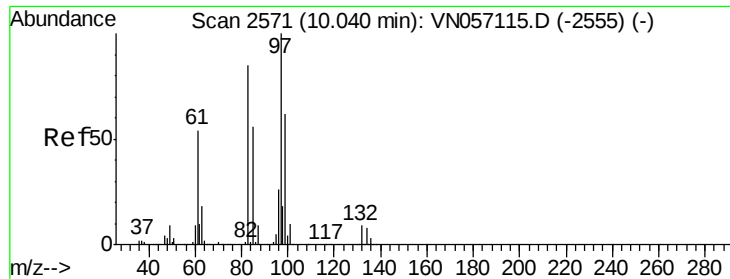
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.860 ug/l

RT: 10.04 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

Tgt Ion: 97 Resp: 226218

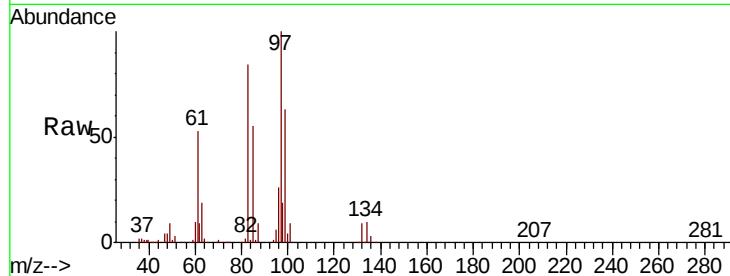
Ion Ratio Lower Upper

97 100

83 84.1 67.8 101.8

85 55.5 44.4 66.6

99 63.2 49.8 74.6

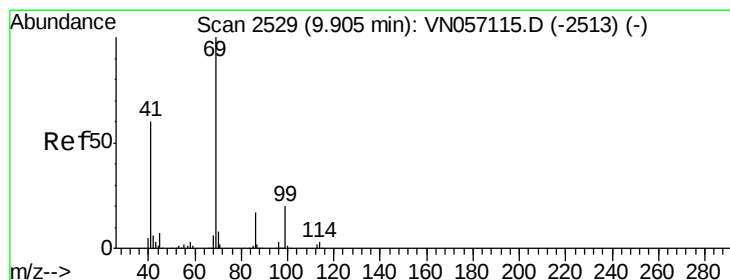
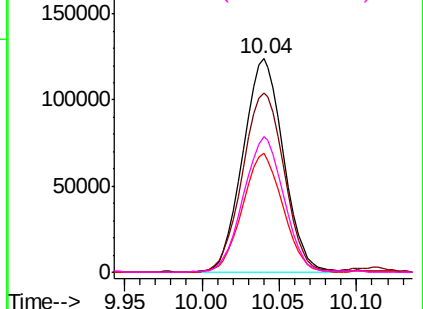
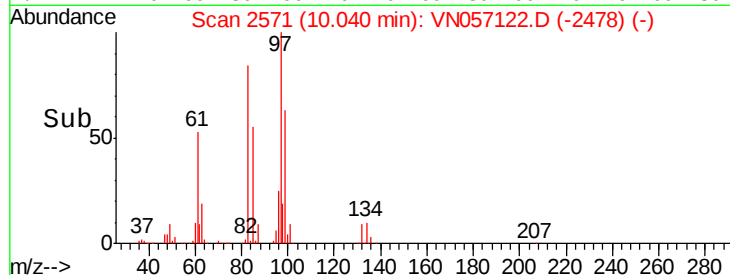


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.841 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

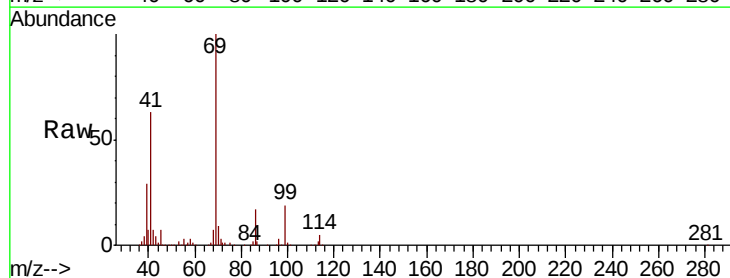
Tgt Ion: 69 Resp: 316437

Ion Ratio Lower Upper

69 100

41 61.1 48.1 72.1

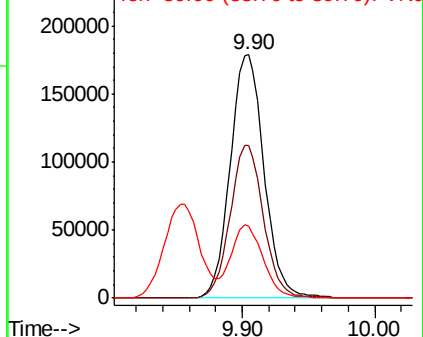
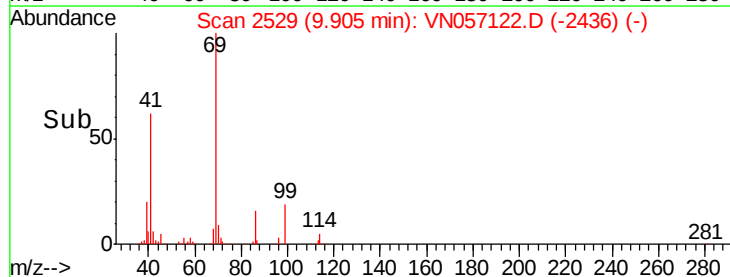
39 28.1 23.6 35.4

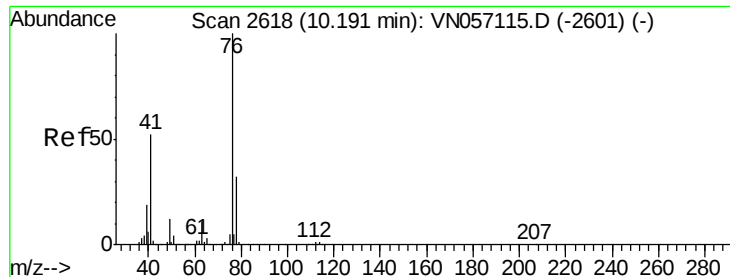


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.788 ug/l

RT: 10.19 min Scan# 2617

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

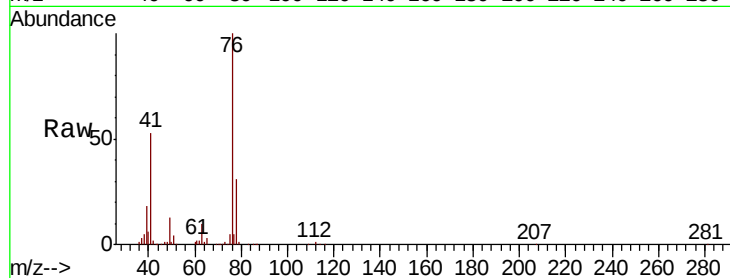
VN0808WBS01

Tgt Ion: 76 Resp: 371715

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.19

200000

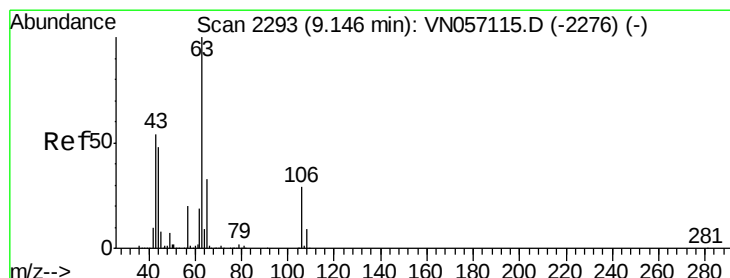
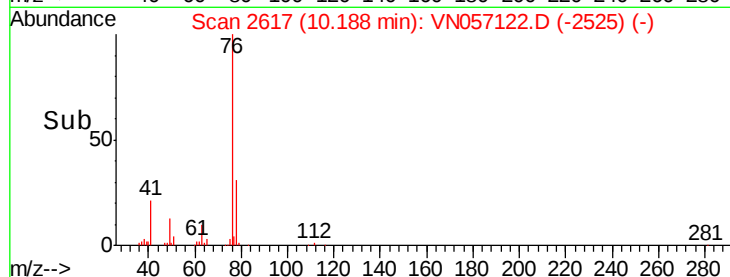
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#58

2-Chloroethyl Vinyl ether

Concen: 102.511 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VN057122.D

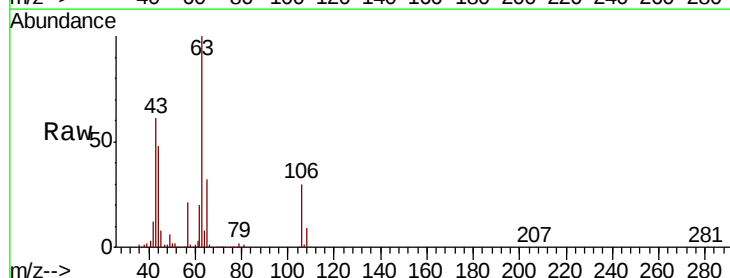
Acq: 8 Aug 2019 11:08

Tgt Ion: 63 Resp: 599994

Ion Ratio Lower Upper

63 100

106 29.3 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.15

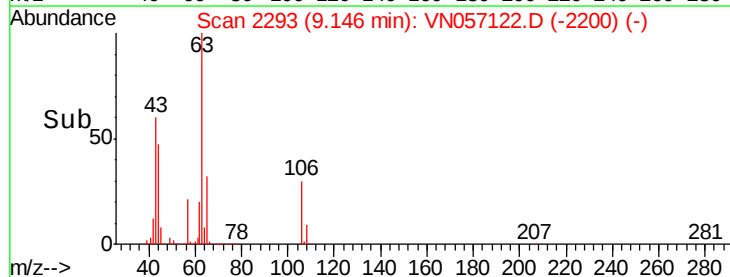
300000

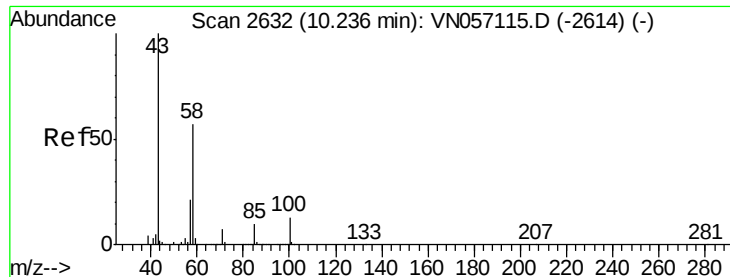
200000

100000

0

Time--> 9.05 9.10 9.15 9.20 9.25

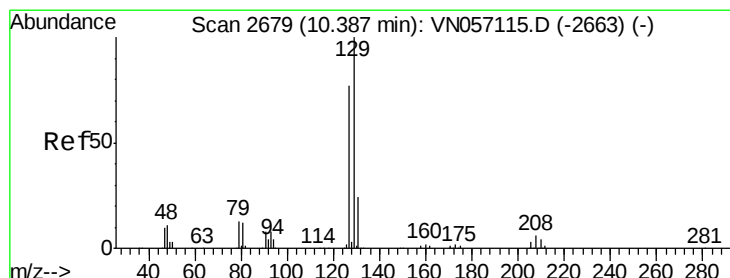
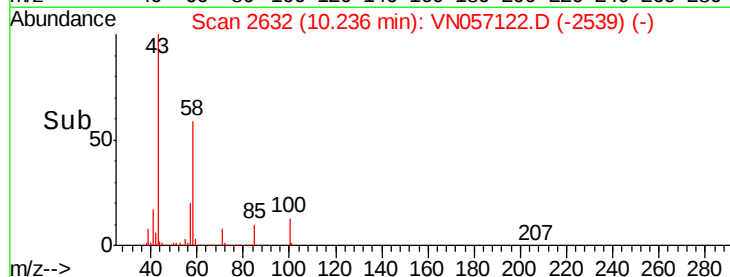
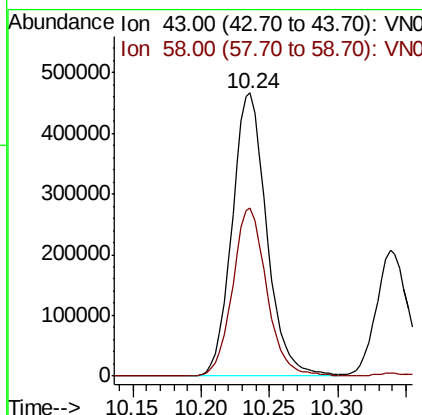
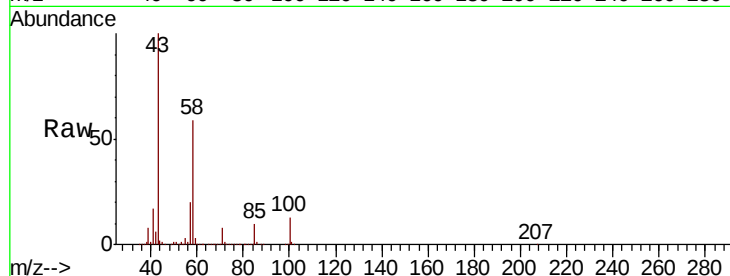




#59
2-Hexanone
Concen: 100.086 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

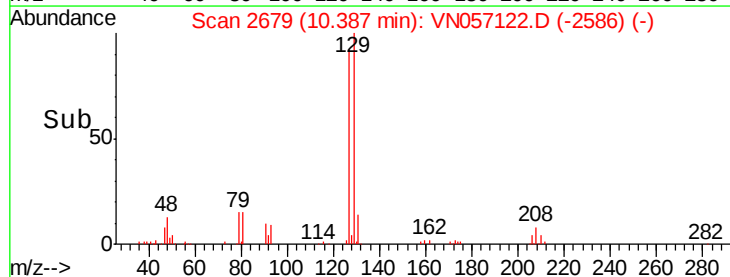
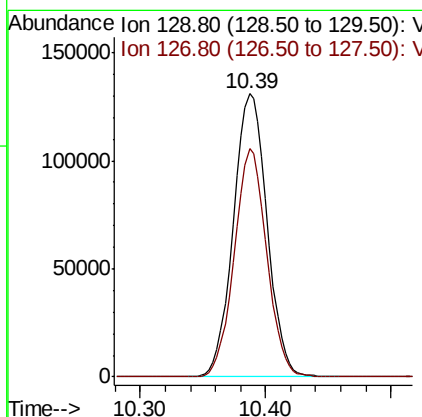
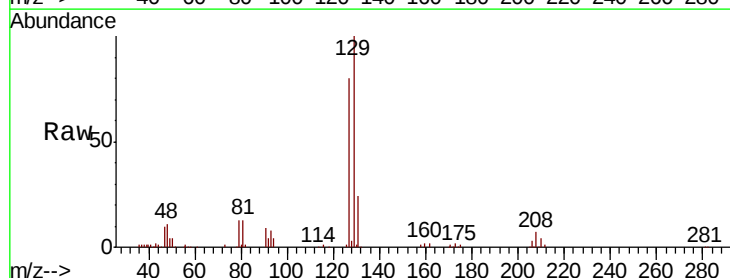
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBS01

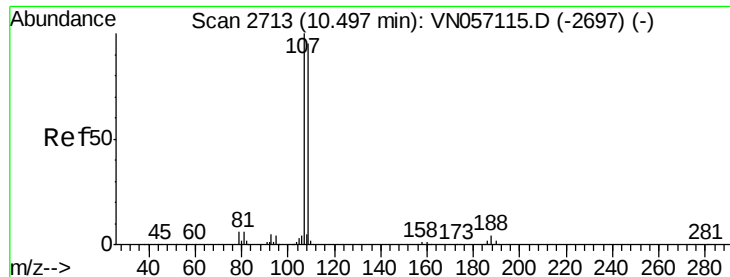
Tgt Ion: 43 Resp: 817510
Ion Ratio Lower Upper
43 100
58 59.0 29.2 87.6



#60
Dibromochloromethane
Concen: 20.462 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion: 129 Resp: 244787
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

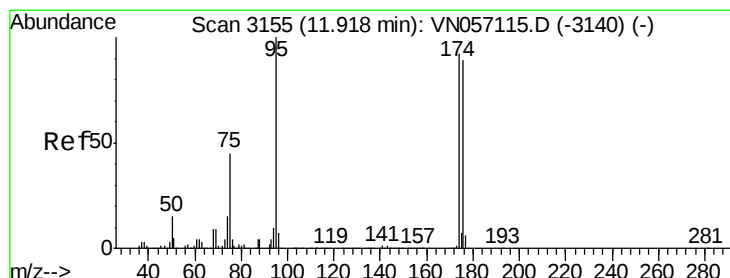
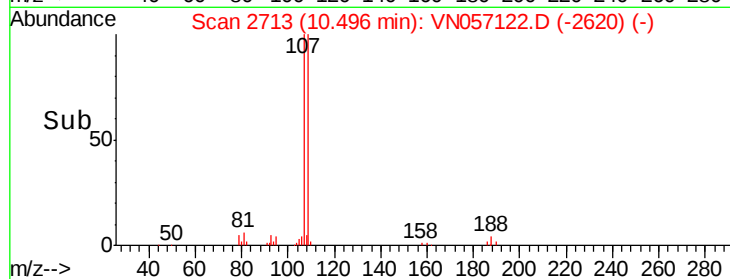
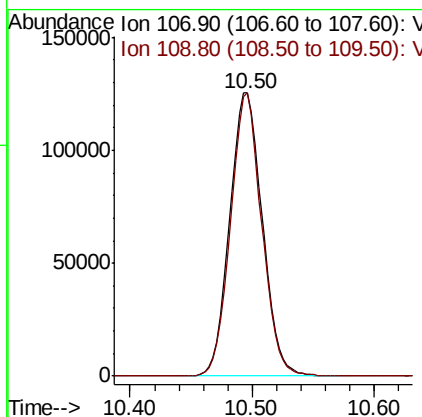
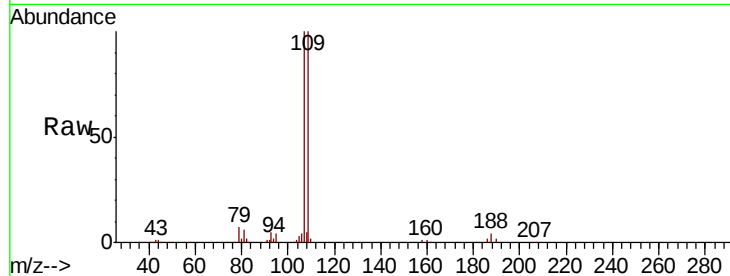




#61
 1,2-Dibromoethane
 Concen: 19.855 ug/l
 RT: 10.50 min Scan# 2713
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

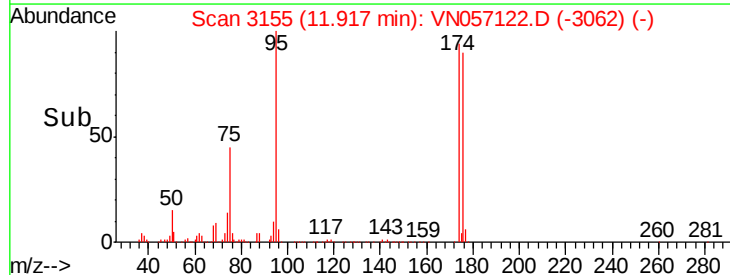
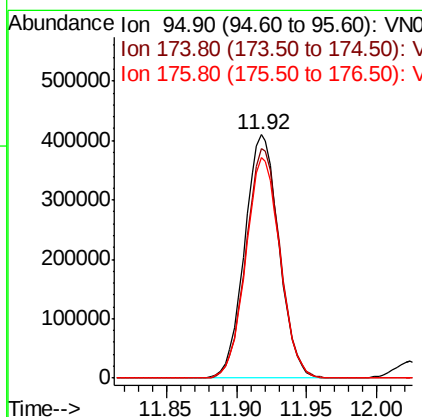
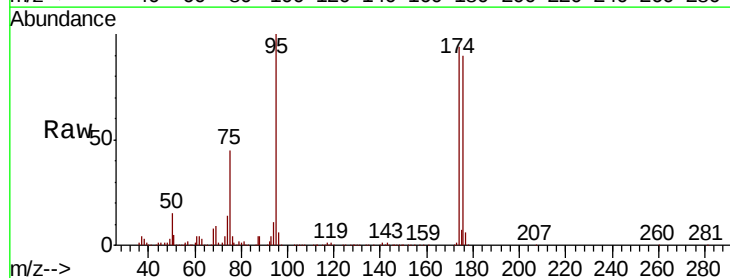
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

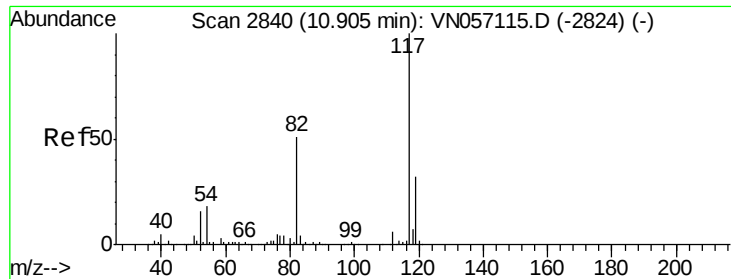
Tgt Ion: 107 Resp: 233376
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.288 ug/l
 RT: 11.92 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Tgt Ion: 95 Resp: 696453
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 185.0
 176 90.6 0.0 181.2

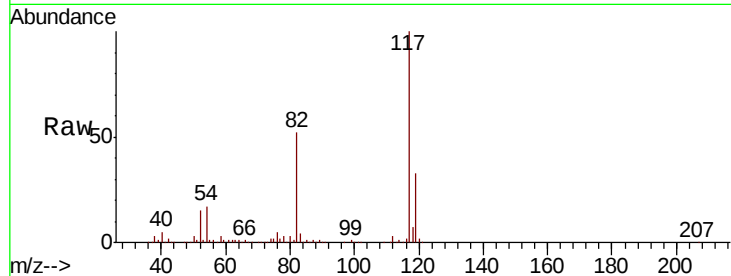




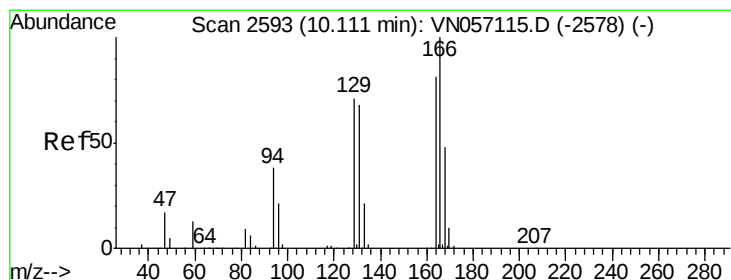
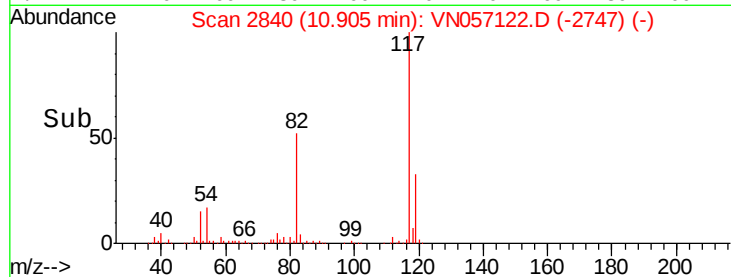
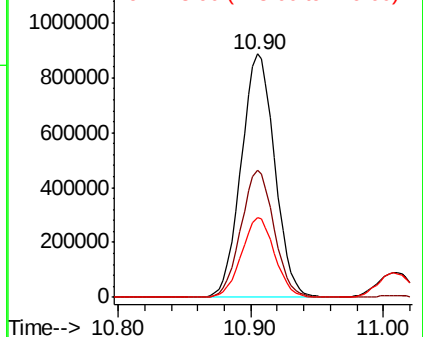
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBS01

Tgt Ion:117 Resp: 1555921
Ion Ratio Lower Upper
117 100
82 52.3 40.8 61.2
119 32.6 25.7 38.5

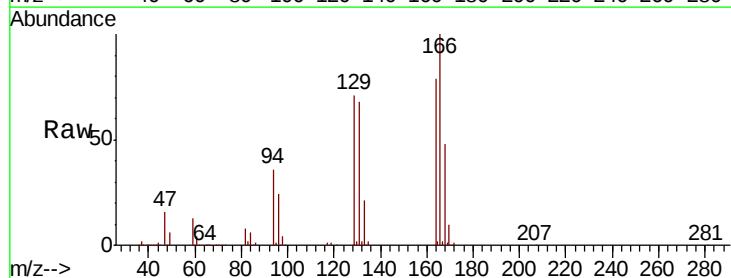


Abundance Ion 116.90 (116.60 to 117.60): V
1200000 Ion 82.00 (81.70 to 82.70): V
1000000 Ion 118.90 (118.60 to 119.60): V

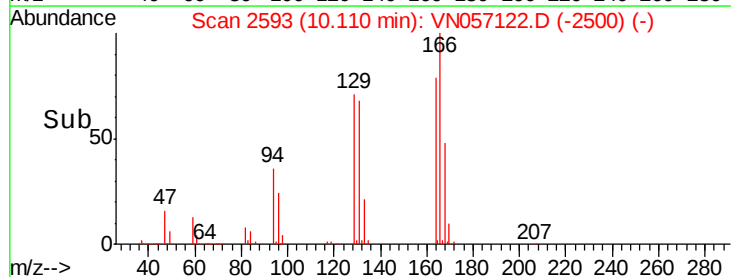
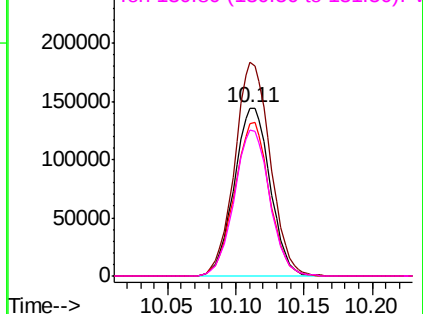


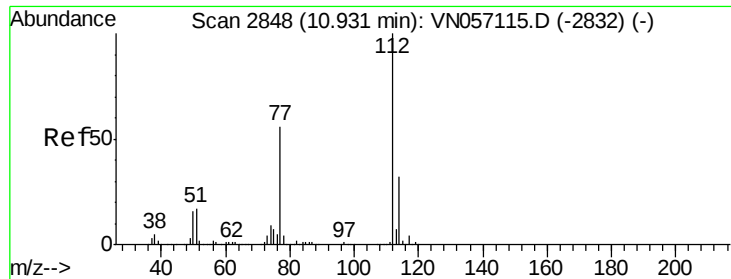
#64
Tetrachloroethene
Concen: 20.356 ug/l
RT: 10.11 min Scan# 2593
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion:164 Resp: 263397
Ion Ratio Lower Upper
164 100
166 127.0 98.3 147.5
129 90.3 69.8 104.6
131 86.6 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
250000 Ion 165.80 (165.50 to 166.50): V
200000 Ion 128.80 (128.50 to 129.50): V
150000 Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.039 ug/l

RT: 10.93 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

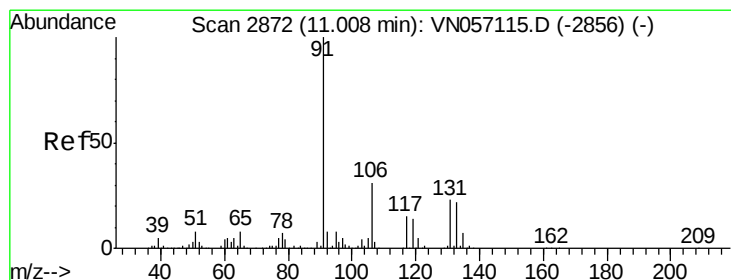
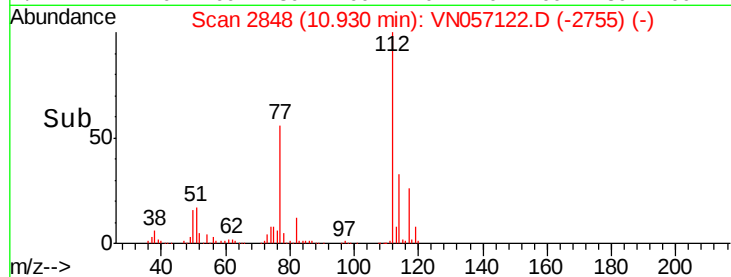
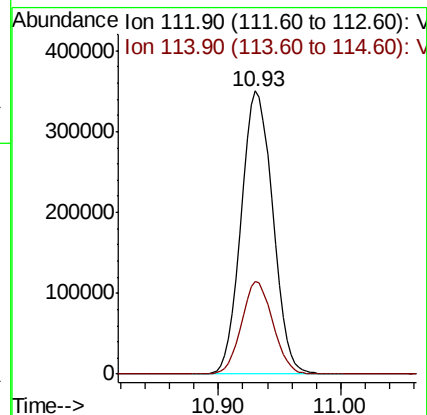
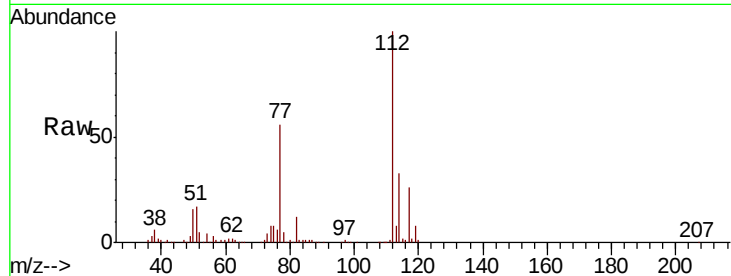
VN0808WBS01

Tgt Ion:112 Resp: 627343

Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.522 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

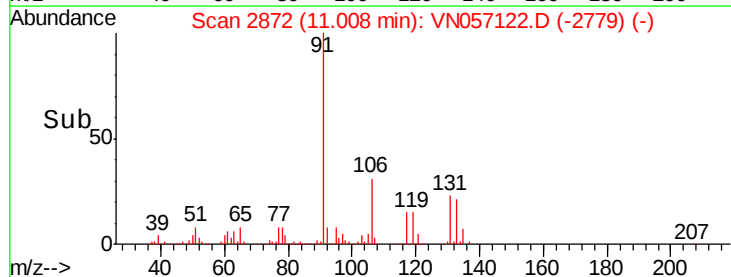
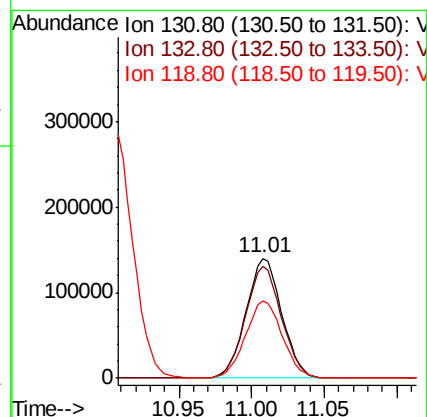
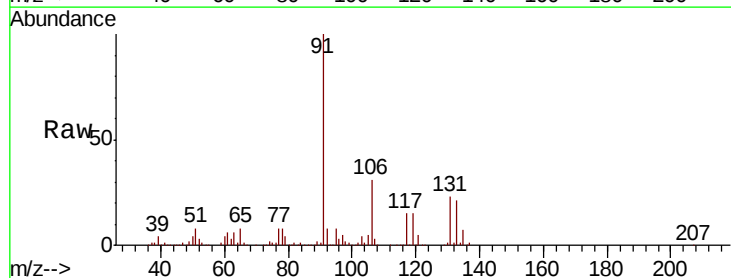
Tgt Ion:131 Resp: 240198

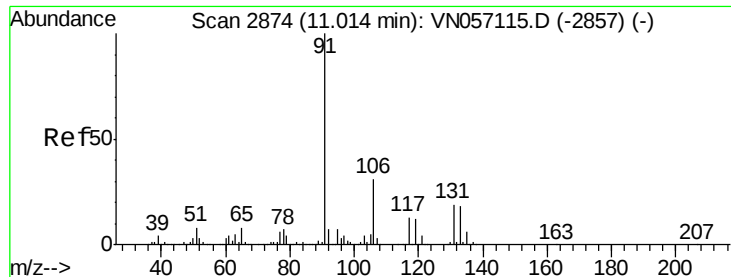
Ion Ratio Lower Upper

131 100

133 94.2 47.6 142.8

119 66.3 32.6 97.7





#67

Ethyl Benzene

Concen: 20.498 ug/l

RT: 11.01 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampled :

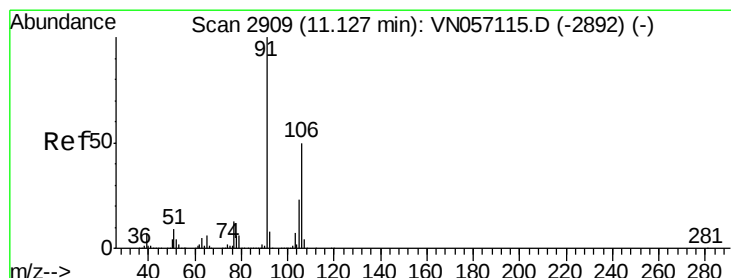
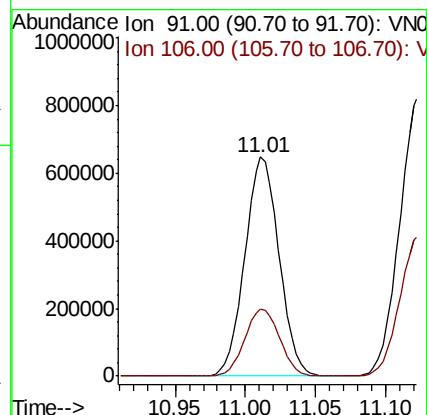
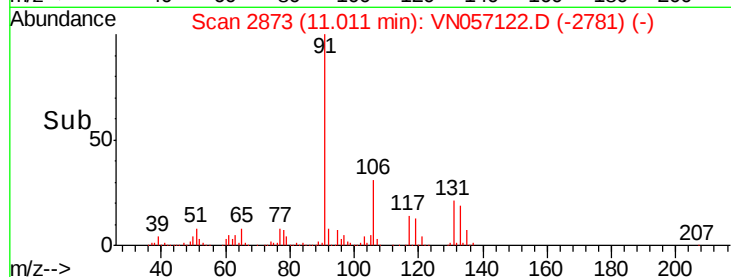
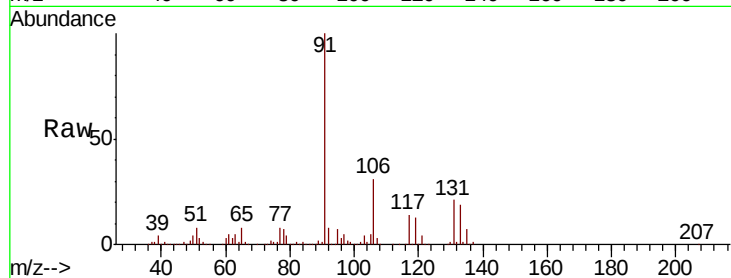
VN0808WBS01

Tgt Ion: 91 Resp: 1104481

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 42.004 ug/l

RT: 11.12 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VN057122.D

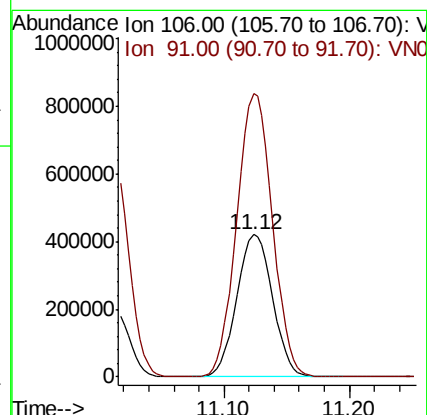
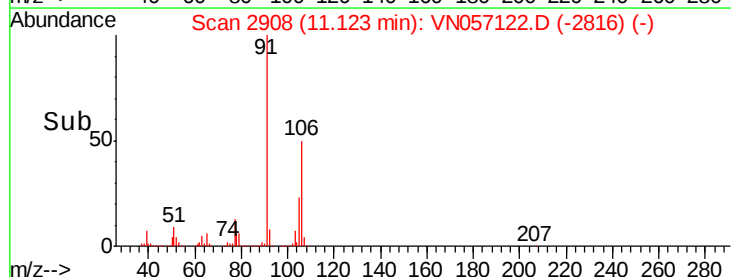
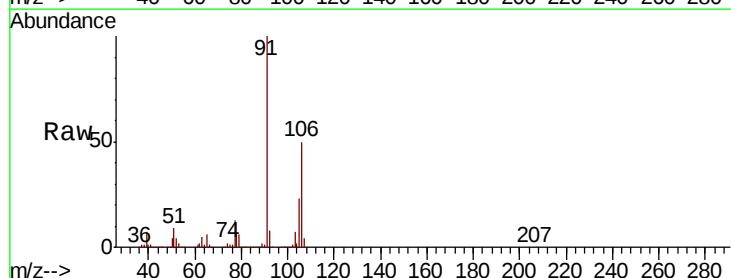
Acq: 8 Aug 2019 11:08

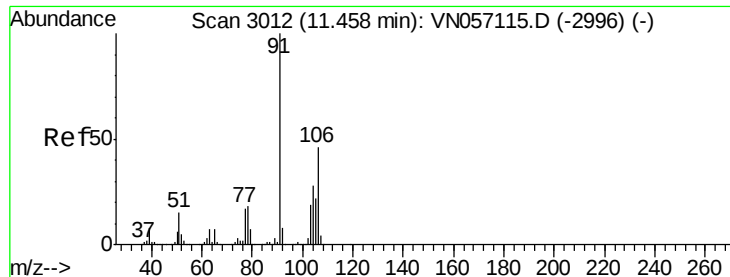
Tgt Ion: 106 Resp: 833791

Ion Ratio Lower Upper

106 100

91 198.6 159.8 239.8

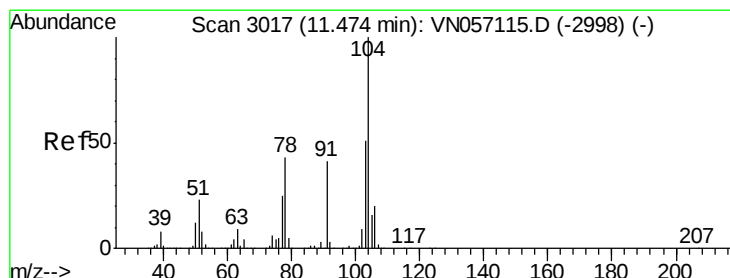
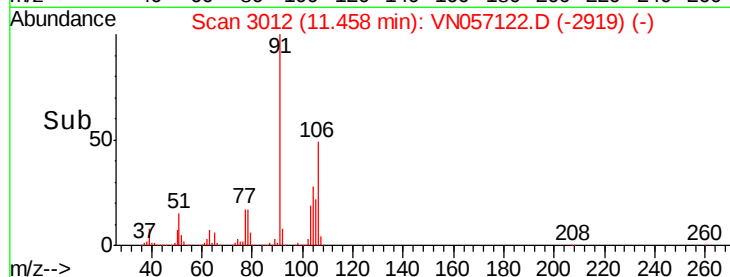
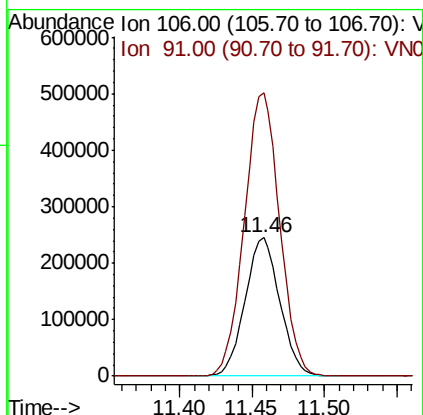
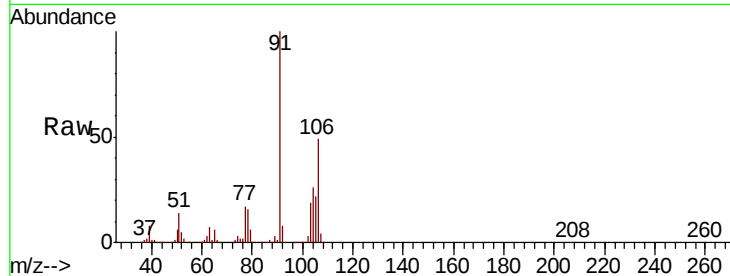




#69
o-Xylene
Concen: 20.708 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

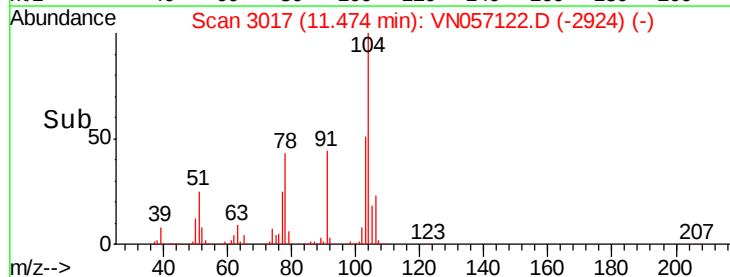
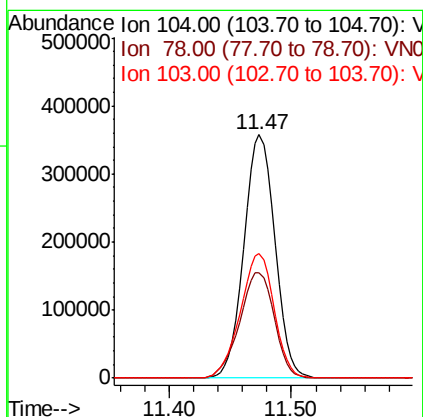
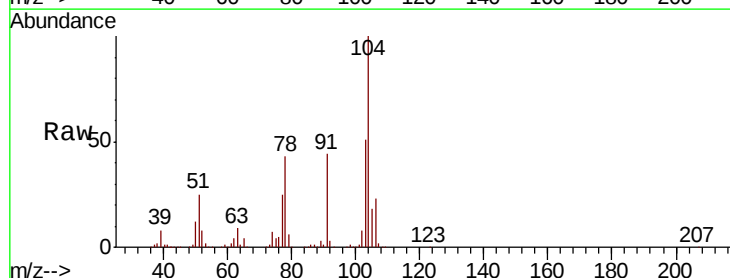
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBS01

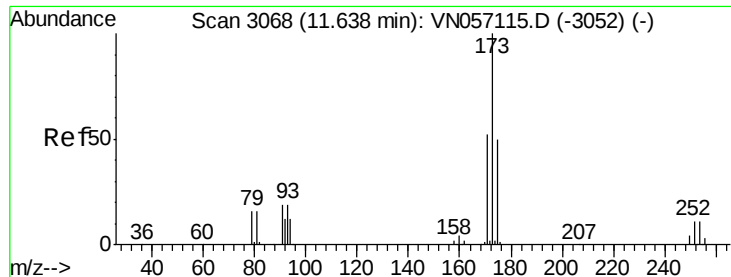
Tgt Ion:106 Resp: 409099
Ion Ratio Lower Upper
106 100
91 208.3 106.8 320.5



#70
Styrene
Concen: 20.272 ug/l
RT: 11.47 min Scan# 3017
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion:104 Resp: 625522
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 55.7 44.6 66.8

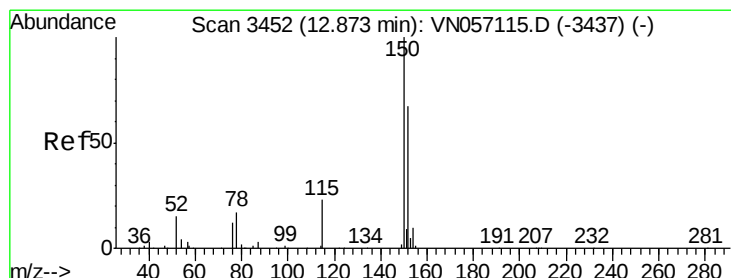
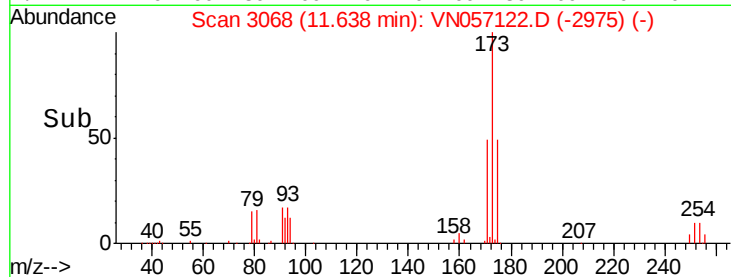
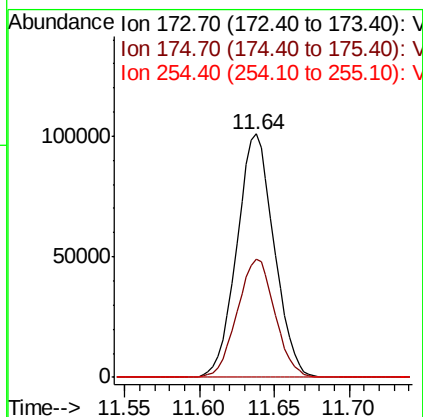
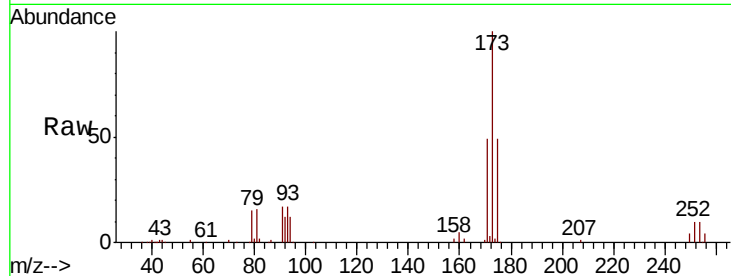




#71
Bromoform
Concen: 20.394 ug/l
RT: 11.64 min Scan# 3068
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

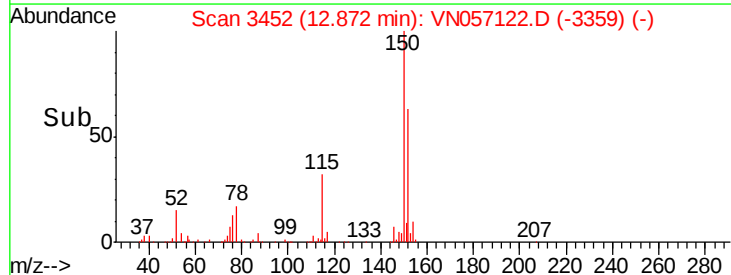
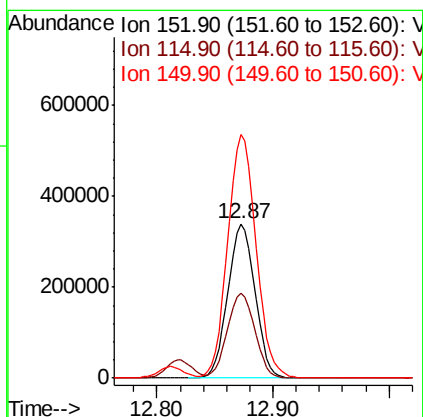
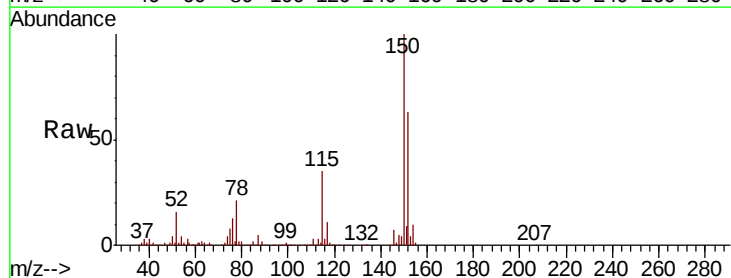
Instrument :
MSVOA_N
ClientSampled :
VN0808WBS01

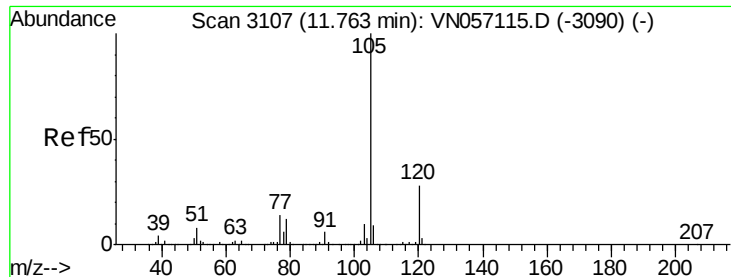
Tgt Ion:173 Resp: 174851
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.87 min Scan# 3452
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion:152 Resp: 548456
Ion Ratio Lower Upper
152 100
115 55.7 27.5 82.5
150 164.4 0.0 341.6





#73

Isopropylbenzene

Concen: 22.944 ug/l

RT: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

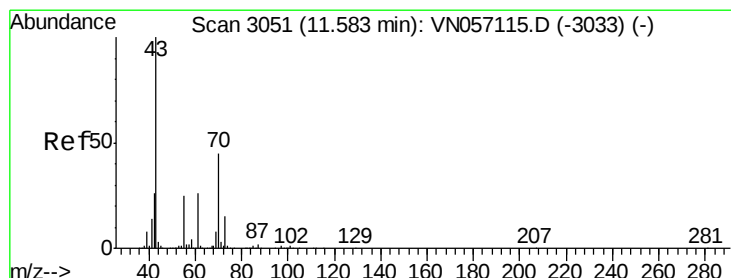
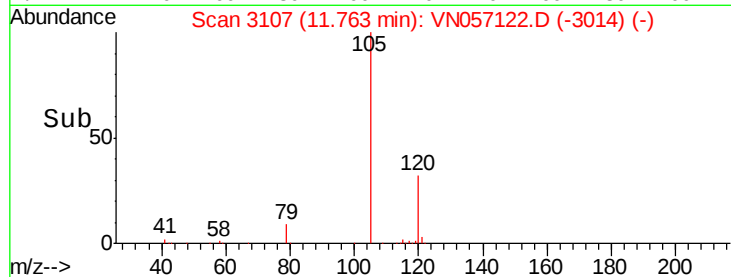
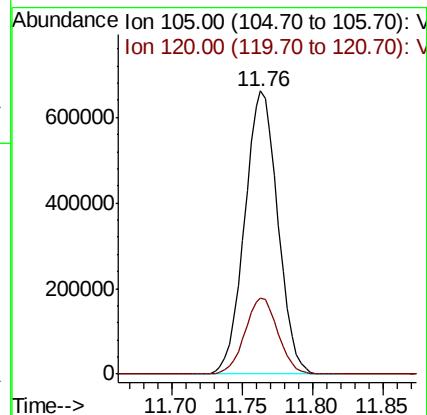
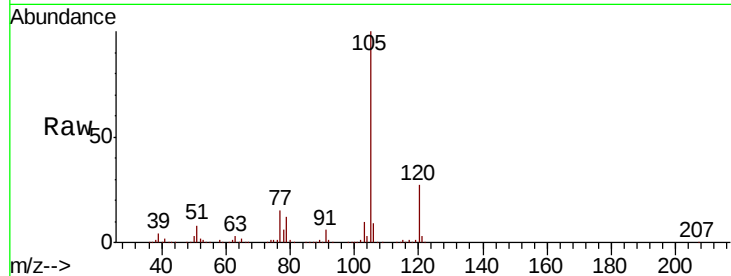
VN0808WBS01

Tgt Ion:105 Resp: 1088704

Ion Ratio Lower Upper

105 100

120 26.9 13.7 41.0



#74

N-ethyl acetate

Concen: 19.994 ug/l

RT: 11.58 min Scan# 3051

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Tgt Ion: 43 Resp: 277881

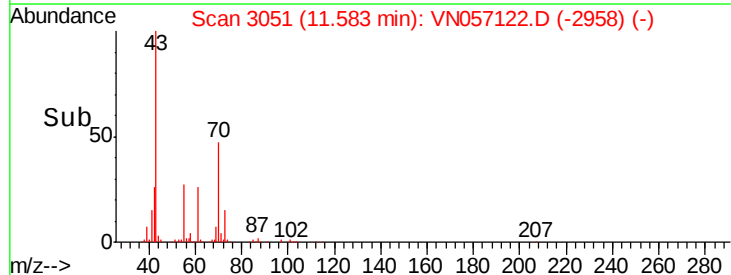
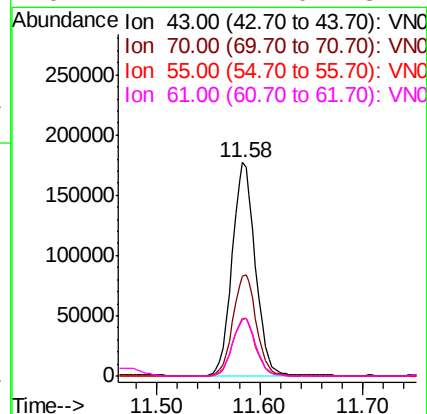
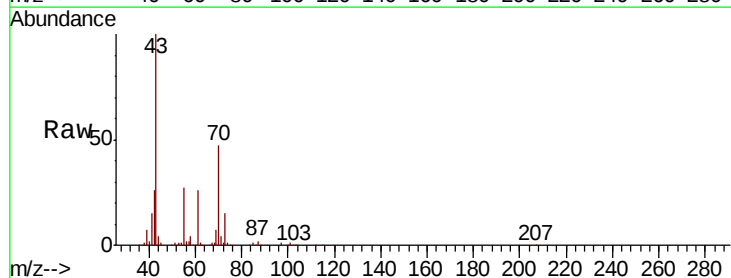
Ion Ratio Lower Upper

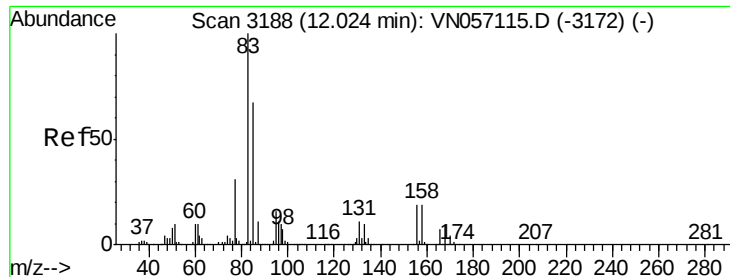
43 100

70 48.0 36.8 55.2

55 27.0 20.6 31.0

61 27.1 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.523 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

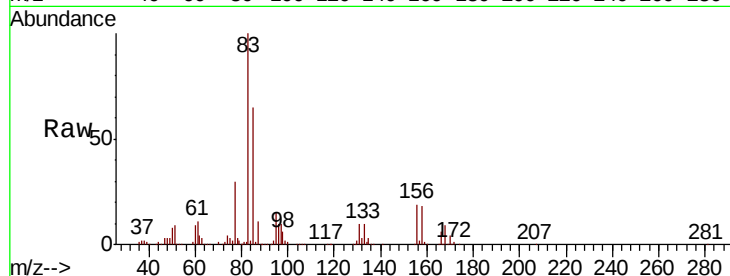
Tgt Ion: 83 Resp: 297108

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

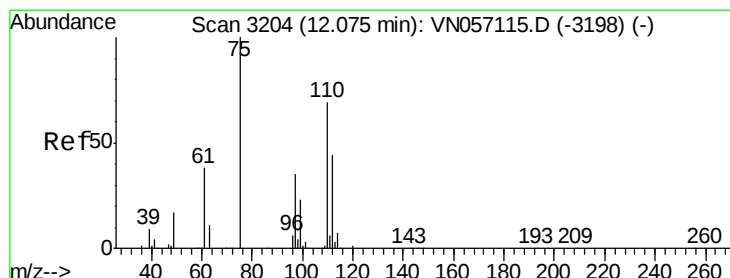
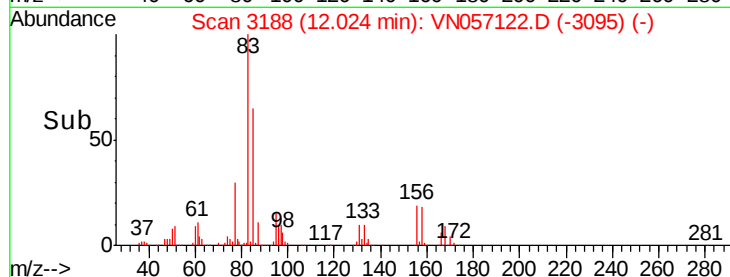
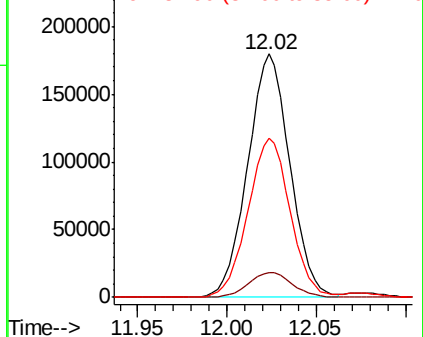
85 65.2 32.4 97.0



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: 31.617 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN057122.D

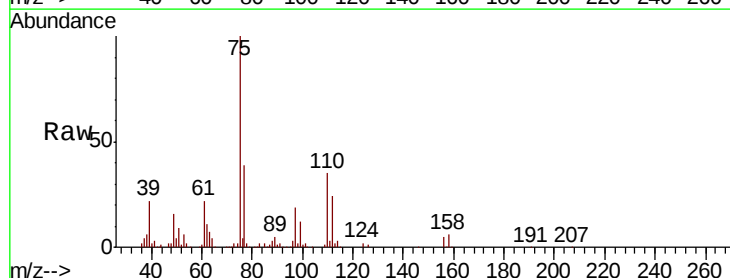
Acq: 8 Aug 2019 11:08

Tgt Ion: 75 Resp: 350123

Ion Ratio Lower Upper

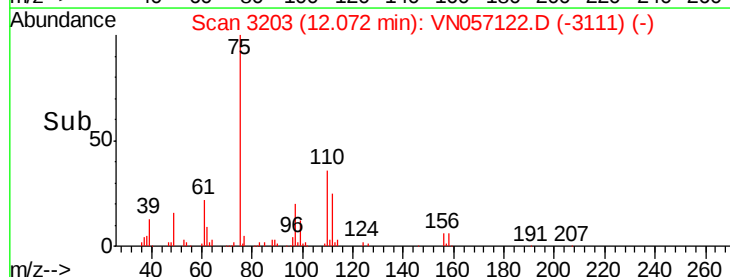
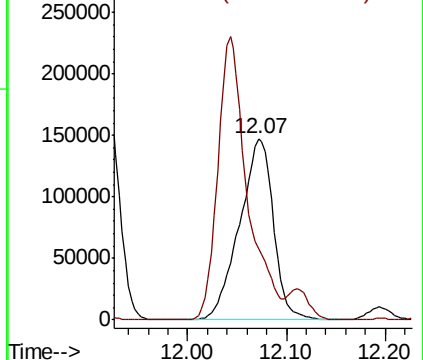
75 100

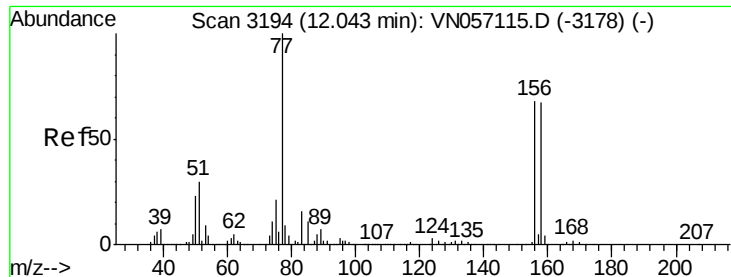
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.271 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

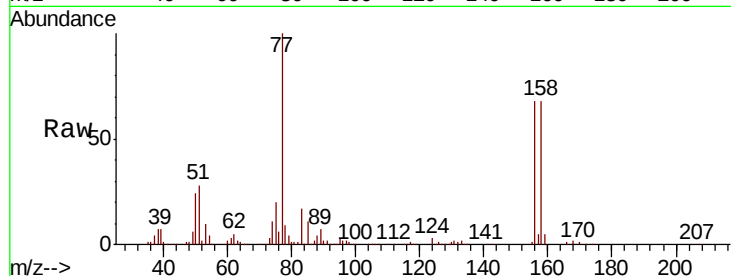
Tgt Ion:156 Resp: 267233

Ion Ratio Lower Upper

156 100

77 181.4 88.7 266.1

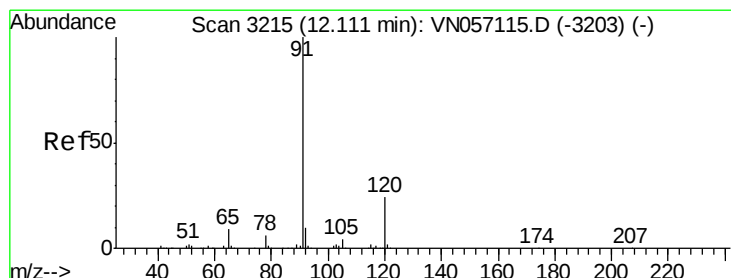
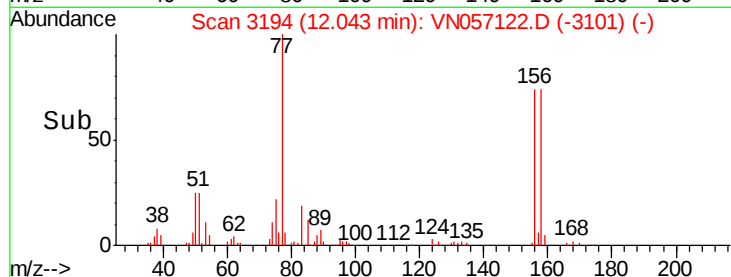
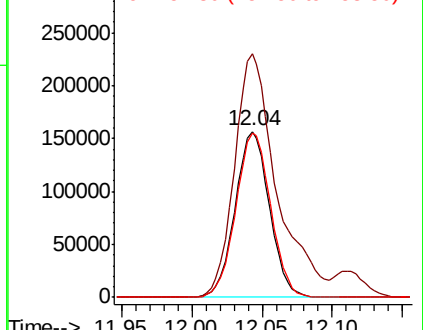
158 100.4 49.3 147.8



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: 20.999 ug/l

RT: 12.11 min Scan# 3215

Delta R.T. -0.00 min

Lab File: VN057122.D

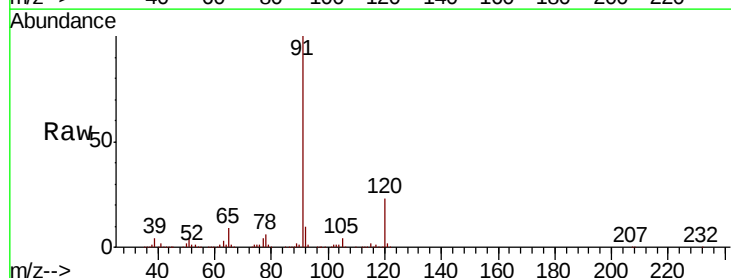
Acq: 8 Aug 2019 11:08

Tgt Ion: 91 Resp: 1104903

Ion Ratio Lower Upper

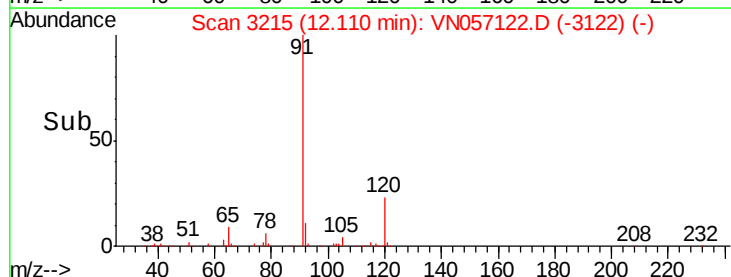
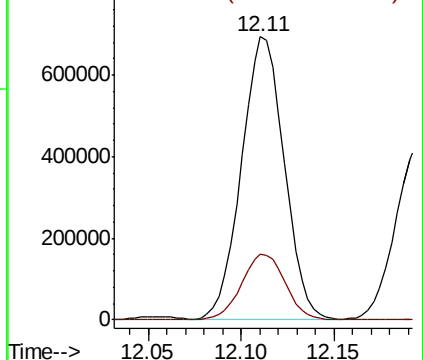
91 100

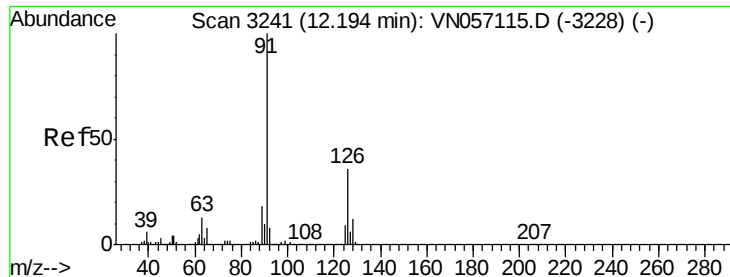
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

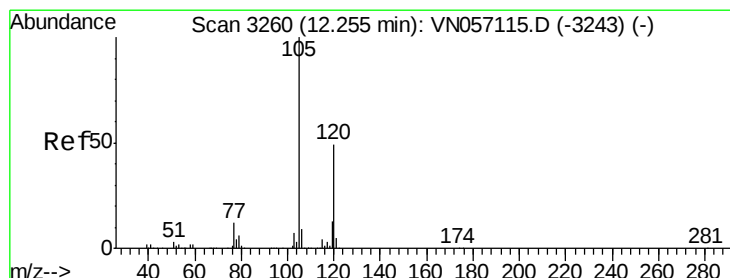
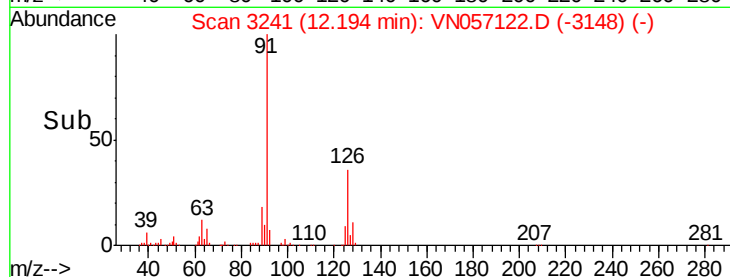
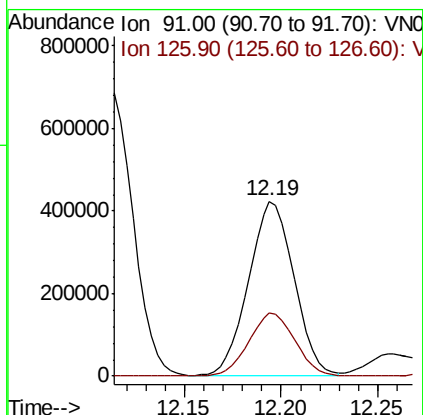
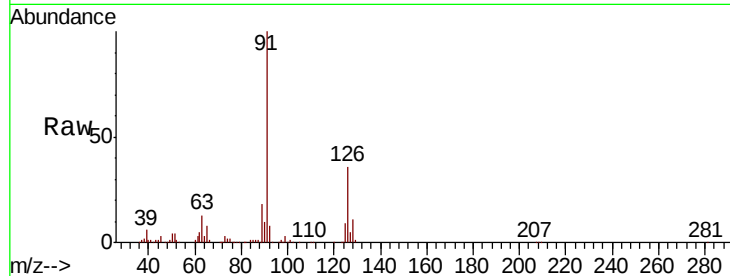




#79
 2-Chlorotoluene
 Concen: 22.513 ug/l
 RT: 12.19 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

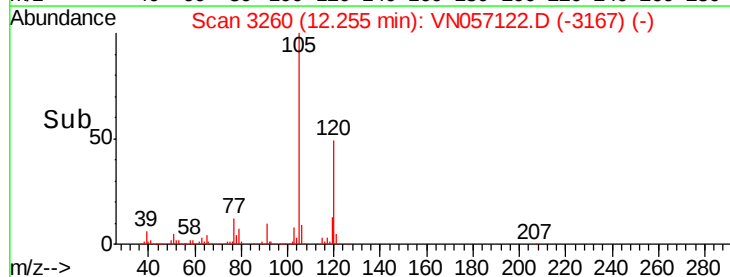
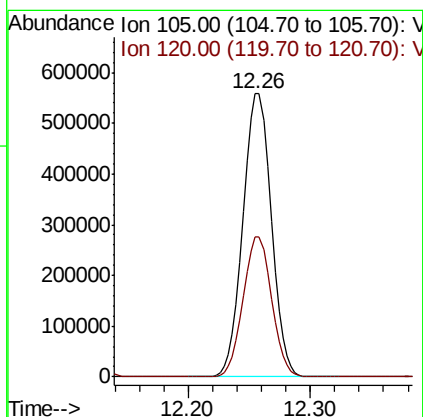
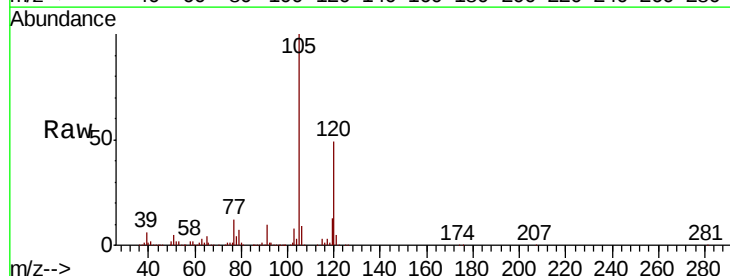
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

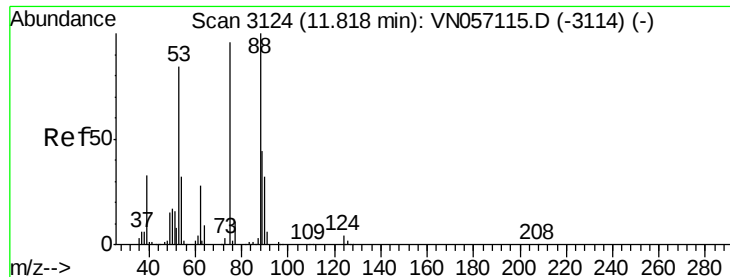
Tgt Ion: 91 Resp: 691310
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.1 54.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.091 ug/l
 RT: 12.26 min Scan# 3260
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Tgt Ion: 105 Resp: 893054
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.082 ug/l

RT: 11.81 min Scan# 3123

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

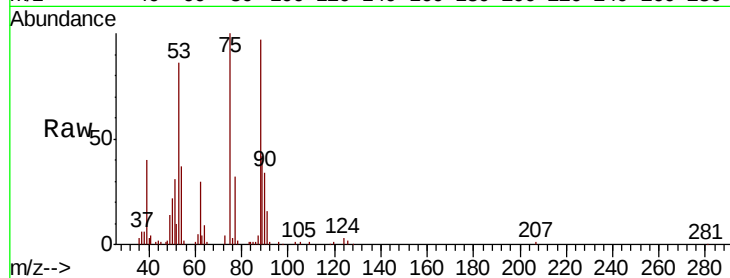
Tgt Ion: 75 Resp: 78639

Ion Ratio Lower Upper

75 100

53 89.6 70.6 106.0

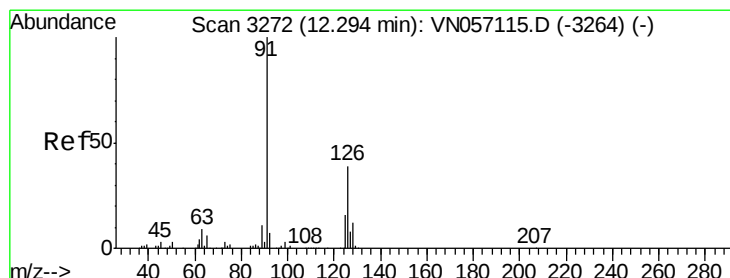
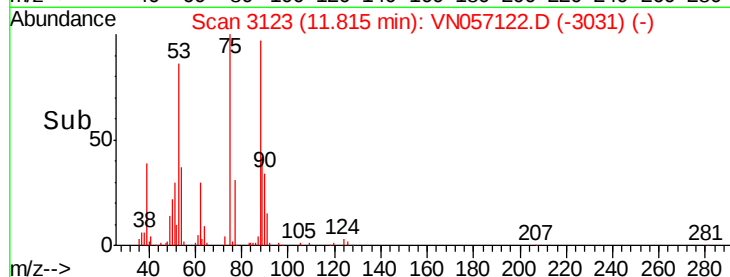
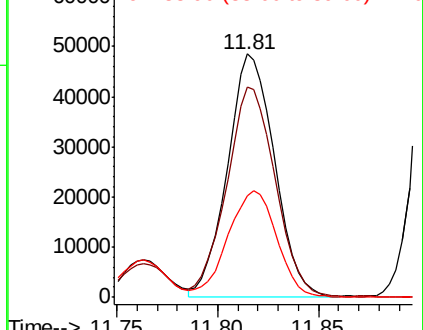
89 46.0 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.531 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057122.D

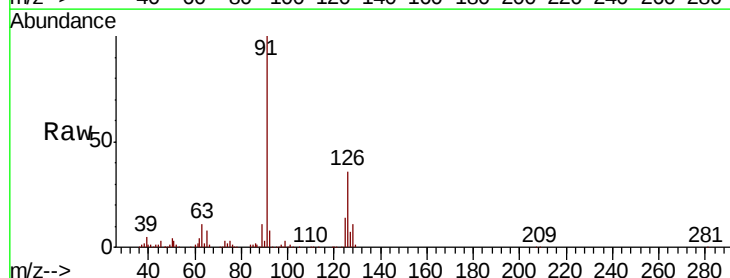
Acq: 8 Aug 2019 11:08

Tgt Ion: 91 Resp: 625482

Ion Ratio Lower Upper

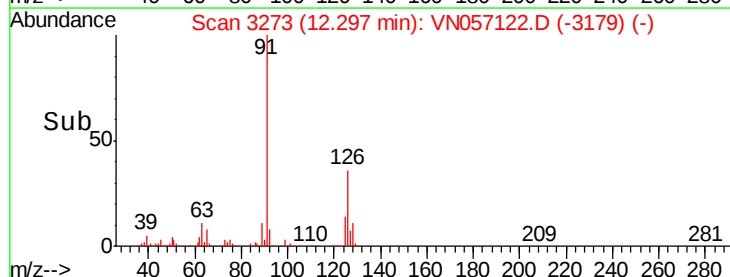
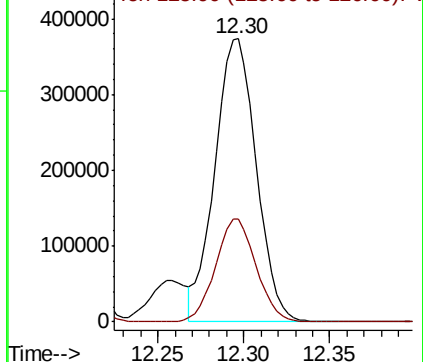
91 100

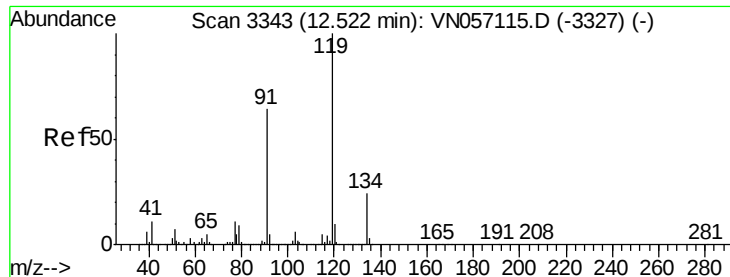
126 35.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

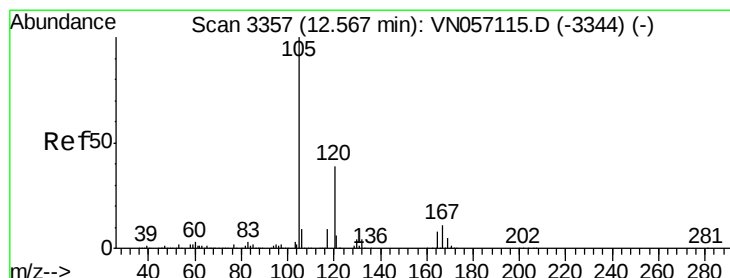
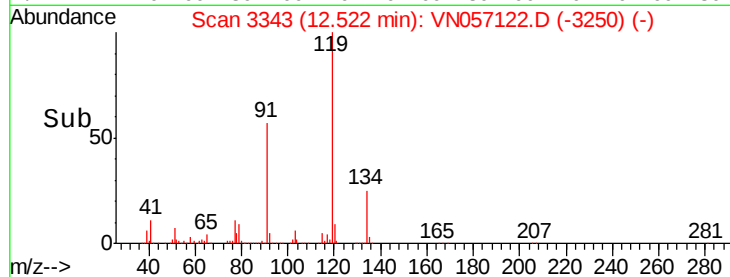
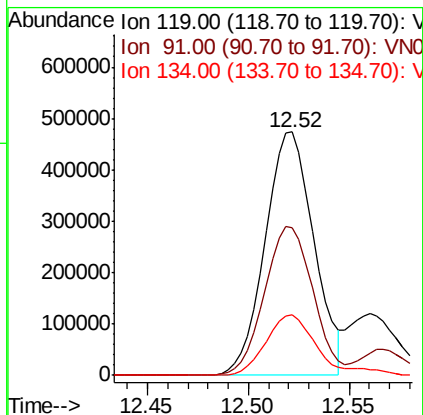
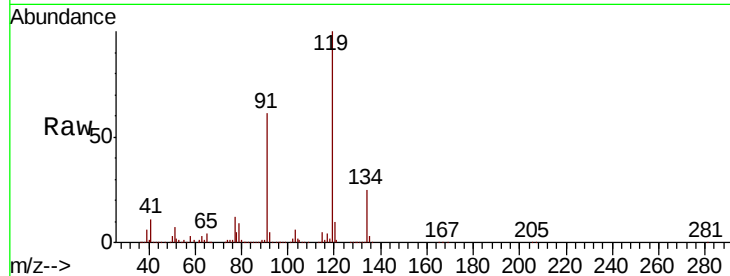




#83
 tert-Butylbenzene
 Concen: 22.721 ug/l
 RT: 12.52 min Scan# 3343
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

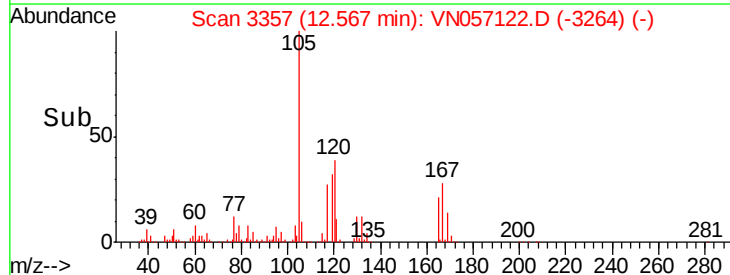
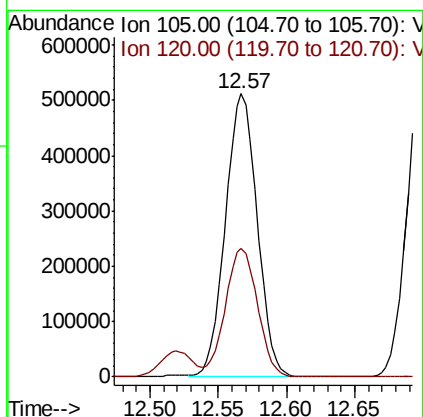
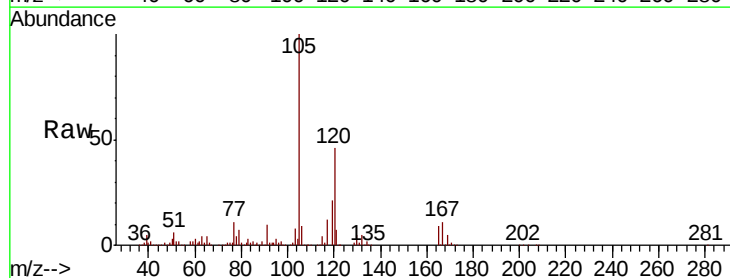
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

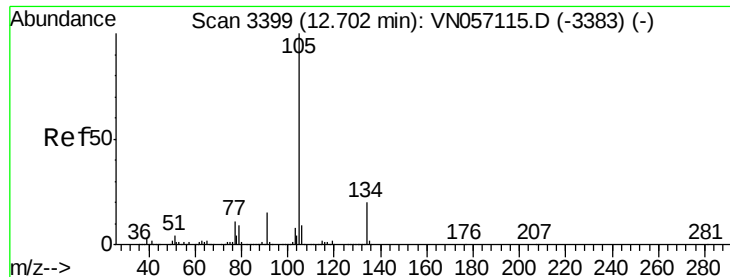
Tgt Ion:119 Resp: 796449
 Ion Ratio Lower Upper
 119 100
 91 60.6 31.4 94.2
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.208 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Tgt Ion:105 Resp: 827045
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.593 ug/l

RT: 12.70 min Scan# 3399

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

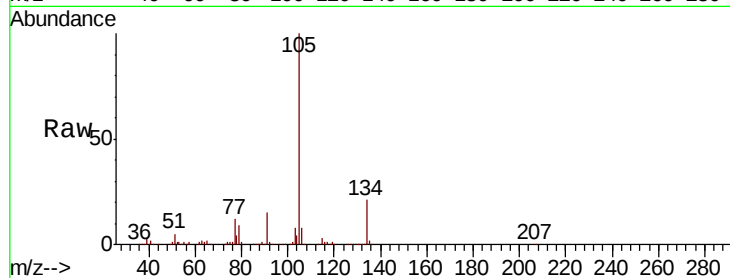
VN0808WBS01

Tgt Ion:105 Resp: 983995

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.70

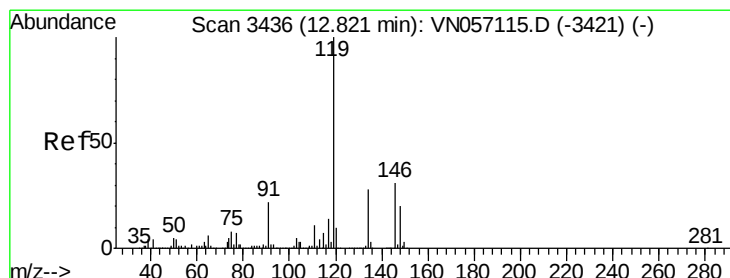
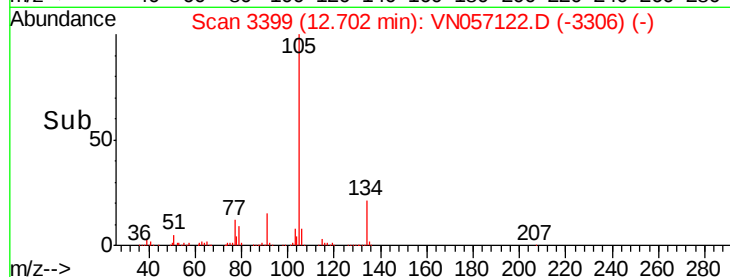
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.490 ug/l

RT: 12.82 min Scan# 3436

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

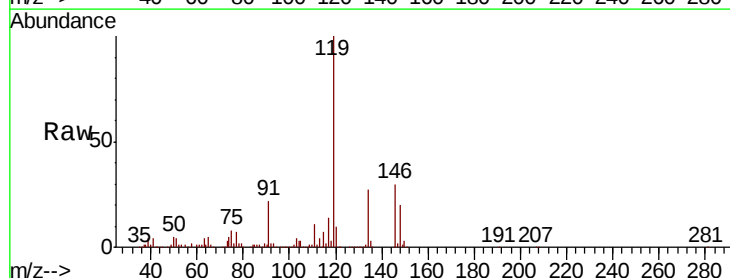
Tgt Ion:119 Resp: 859133

Ion Ratio Lower Upper

119 100

134 26.6 13.8 41.3

91 21.9 11.0 33.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.82

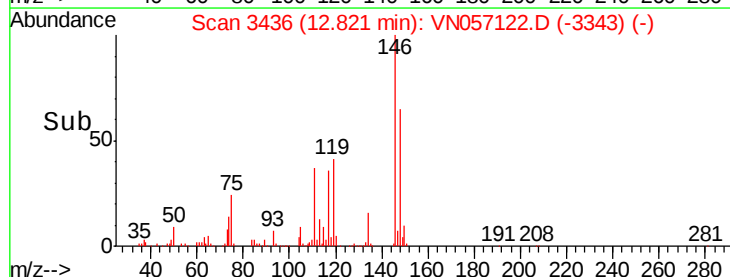
600000

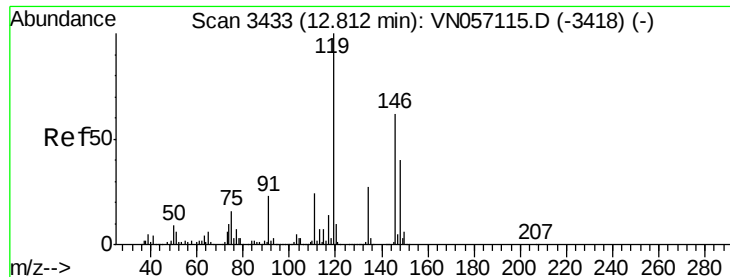
400000

200000

0

Time-->

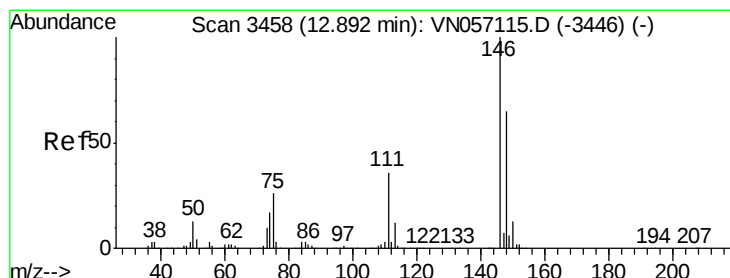
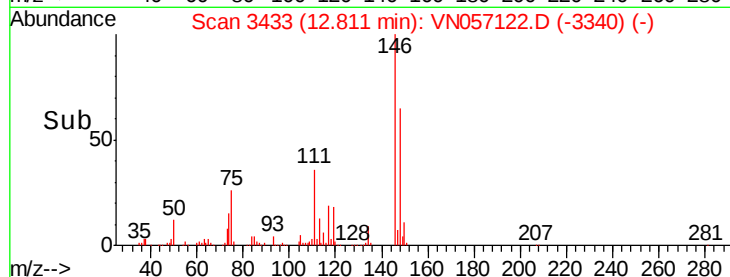
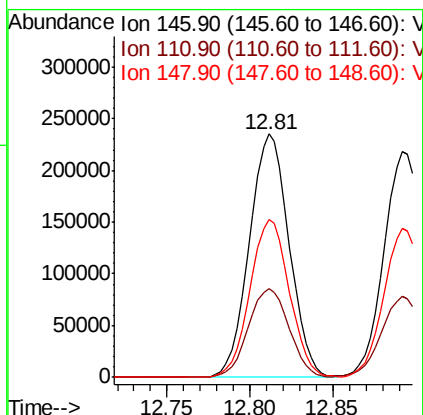
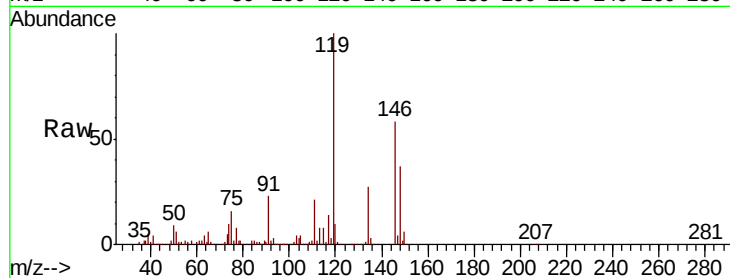




#87
 1,3-Dichlorobenzene
 Concen: 20.861 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

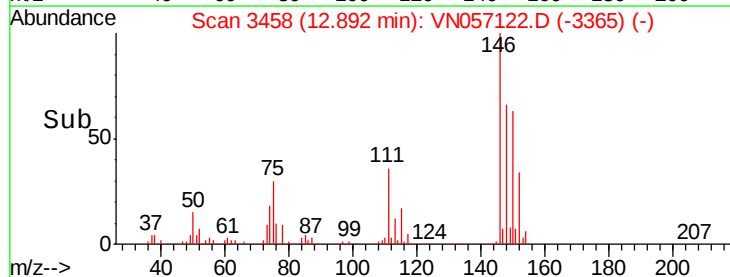
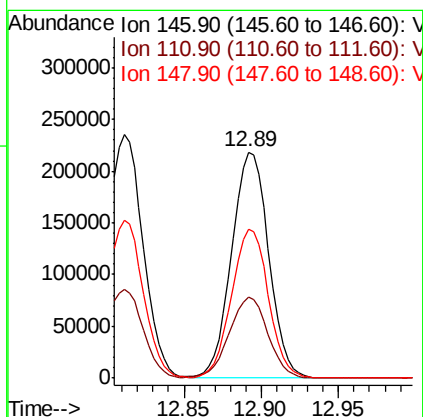
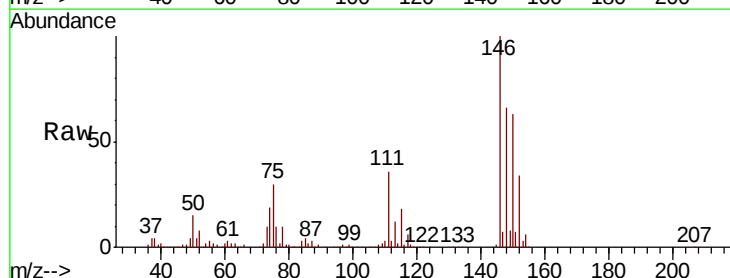
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

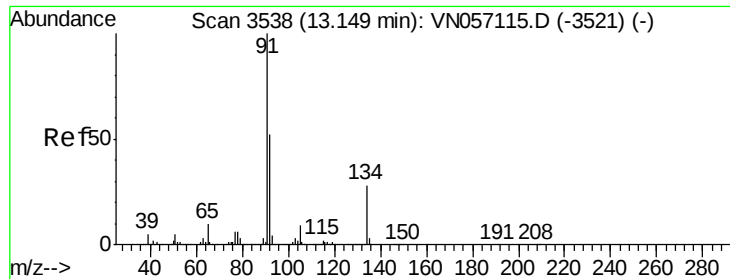
Tgt Ion:146 Resp: 391506
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.4
 148 64.1 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 20.399 ug/l
 RT: 12.89 min Scan# 3458
 Delta R.T. -0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Tgt Ion:146 Resp: 362741
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.2 54.6
 148 65.5 32.0 96.2

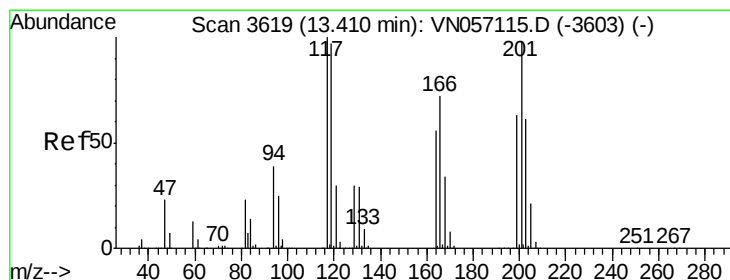
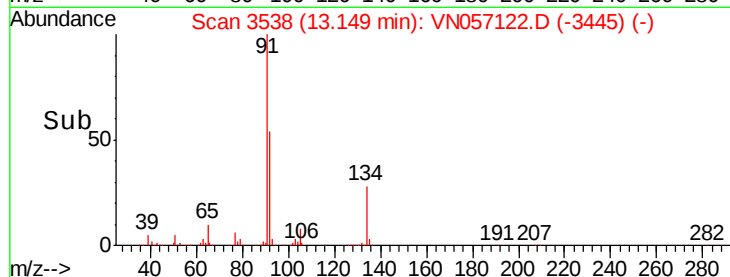
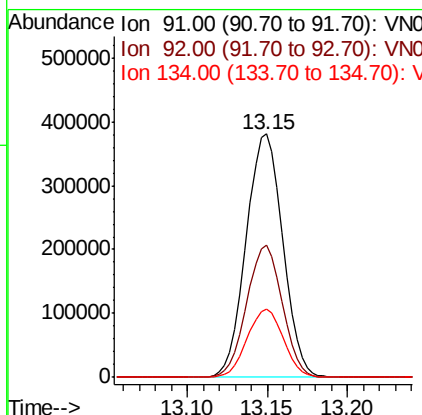
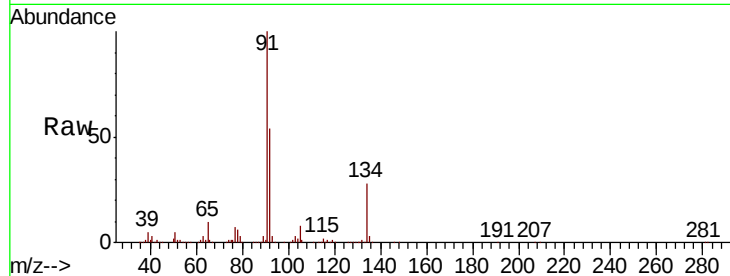




#89
n-Butylbenzene
Concen: 20.573 ug/l
RT: 13.15 min Scan# 3538
Delta R.T. -0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

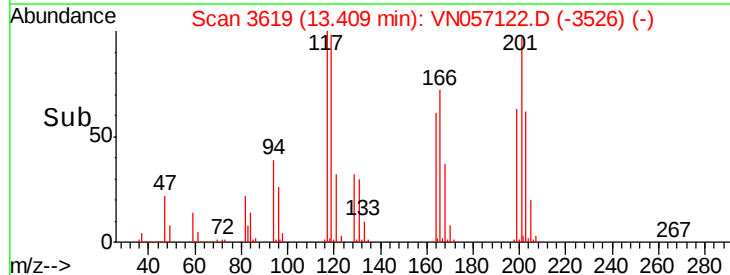
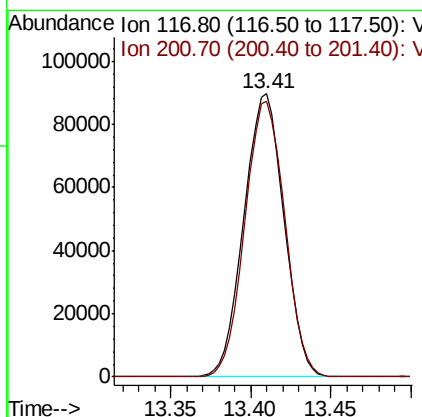
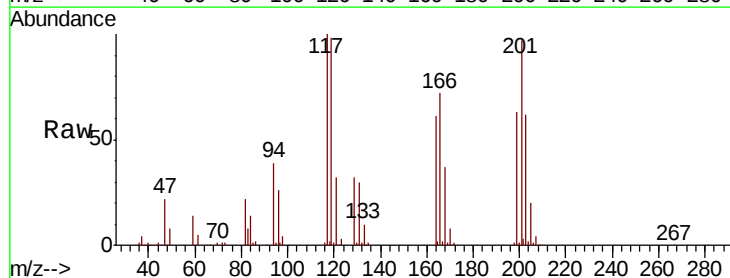
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBS01

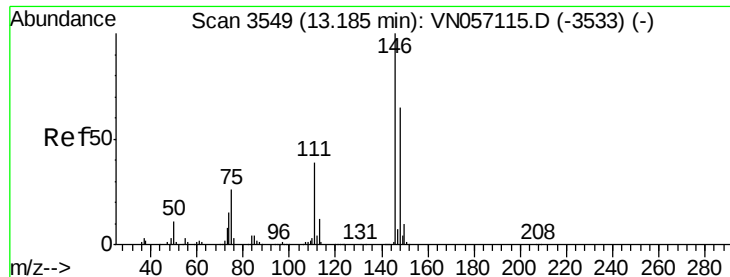
Tgt Ion: 91 Resp: 595955
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.4
134 27.7 14.1 42.3



#90
Hexachloroethane
Concen: 22.537 ug/l
RT: 13.41 min Scan# 3619
Delta R.T. 0.00 min
Lab File: VN057122.D
Acq: 8 Aug 2019 11:08

Tgt Ion: 117 Resp: 153729
Ion Ratio Lower Upper
117 100
201 96.8 49.3 147.8





#91

1,2-Dichlorobenzene

Concen: 21.091 ug/l

RT: 13.18 min Scan# 3549

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

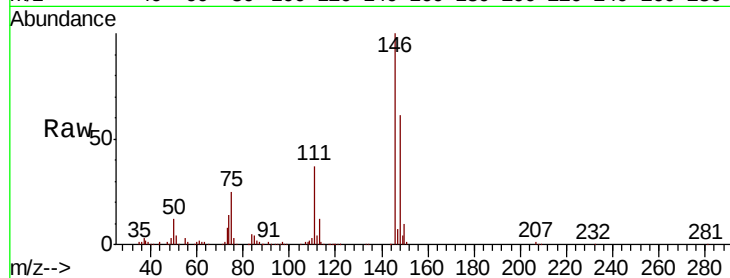
Tgt Ion:146 Resp: 395277

Ion Ratio Lower Upper

146 100

111 37.4 19.2 57.6

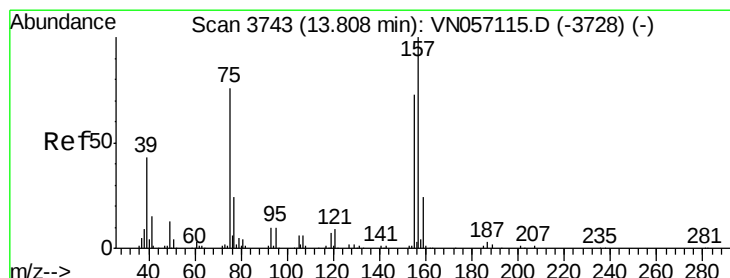
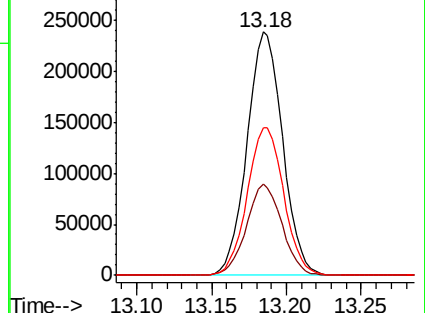
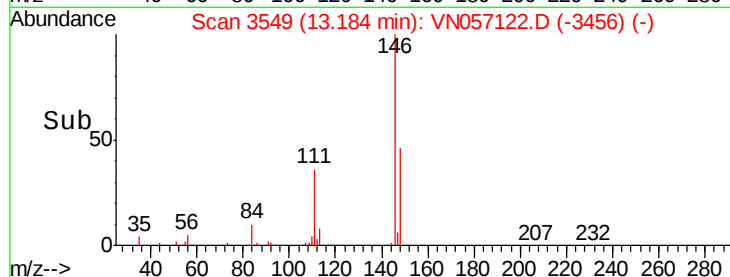
148 62.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.525 ug/l

RT: 13.81 min Scan# 3743

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

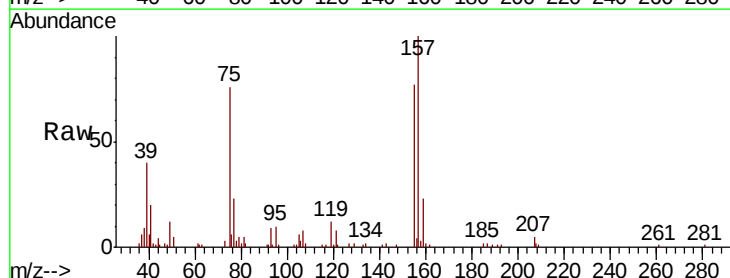
Tgt Ion: 75 Resp: 37643

Ion Ratio Lower Upper

75 100

155 96.9 49.3 147.9

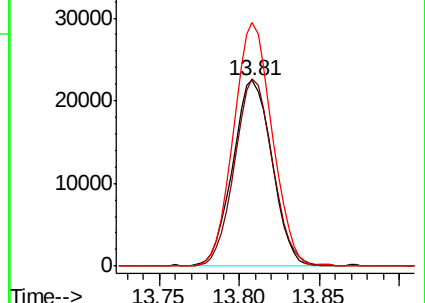
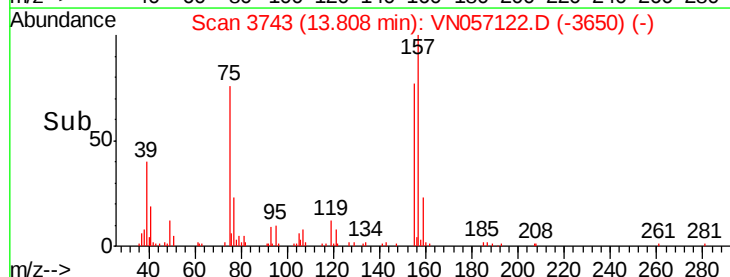
157 127.6 65.3 195.8

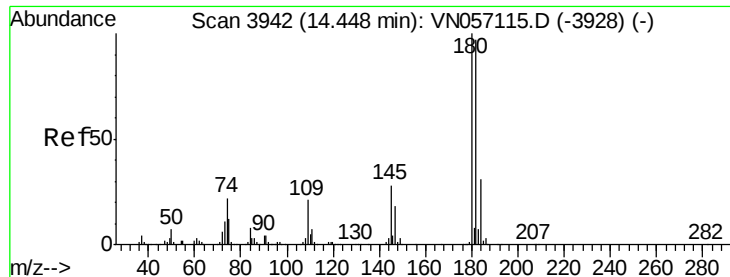


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

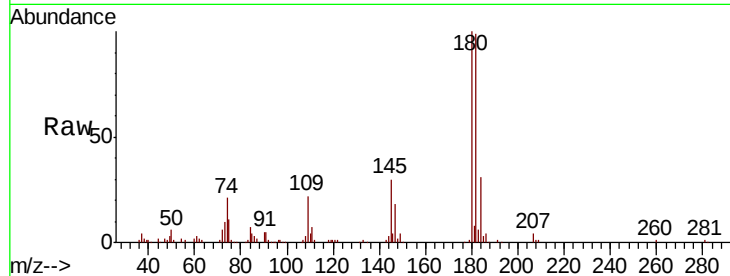




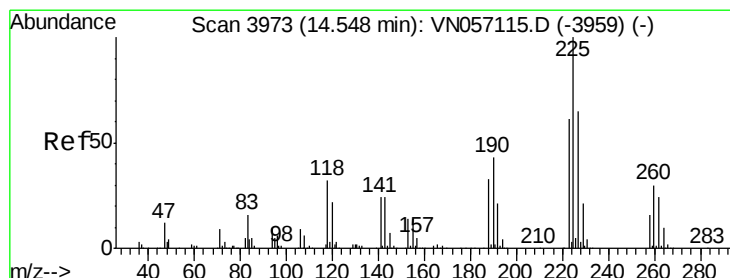
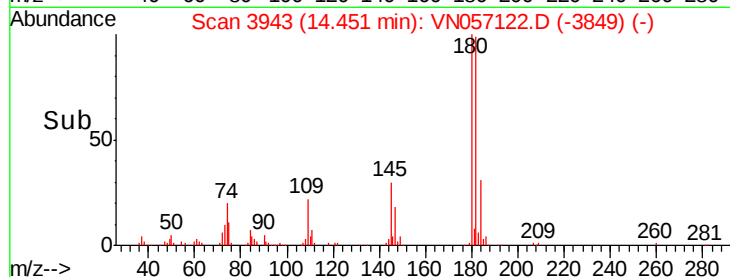
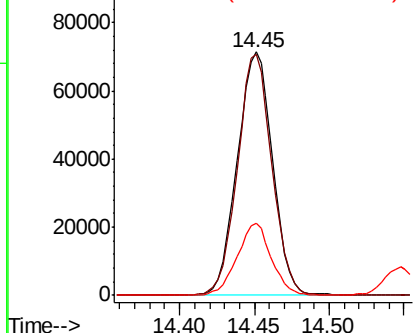
#93
 1,2,4-Trichlorobenzene
 Concen: 18.891 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

Tgt Ion:180 Resp: 116884
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.5 142.6
 145 28.7 14.1 42.2

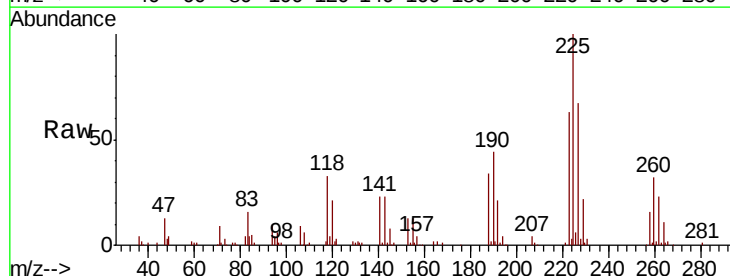


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

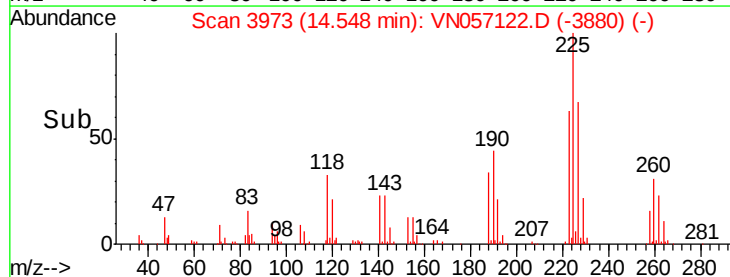
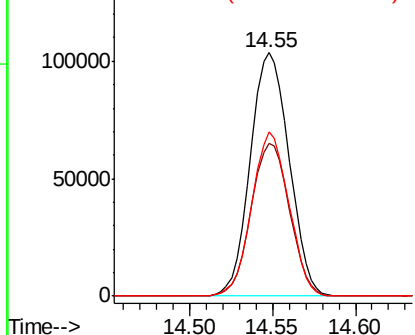


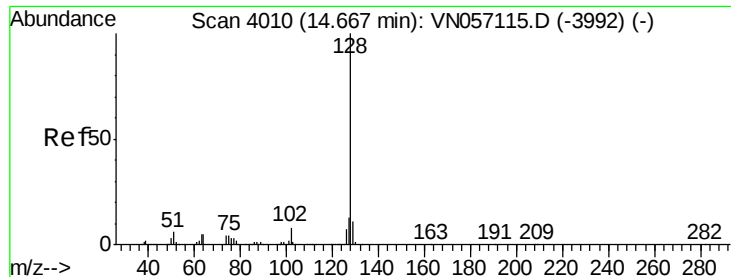
#94
 Hexachlorobutadiene
 Concen: 23.820 ug/l
 RT: 14.55 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VN057122.D
 Acq: 8 Aug 2019 11:08

Tgt Ion:225 Resp: 168699
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.9 92.8
 227 64.2 32.4 97.0



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





#95

Naphthalene

Concen: 17.811 ug/l

RT: 14.66 min Scan# 4009

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBS01

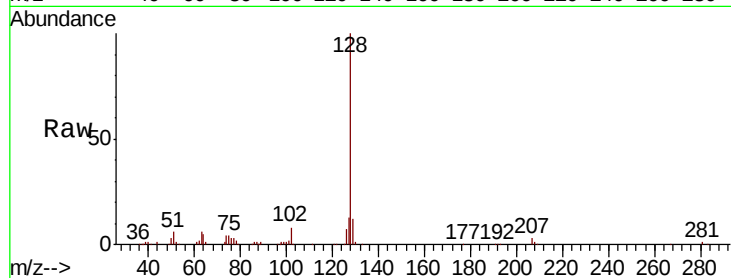
Tgt Ion:128 Resp: 224715

Ion Ratio Lower Upper

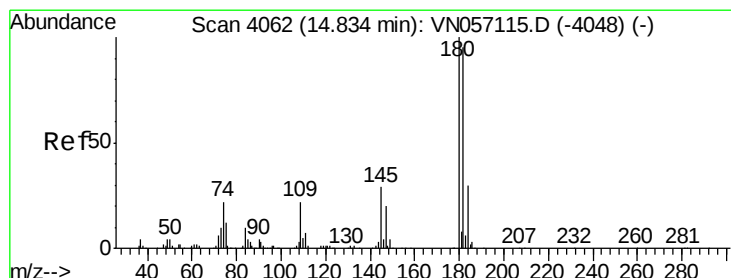
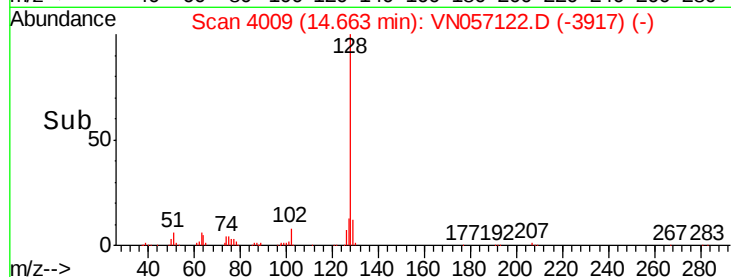
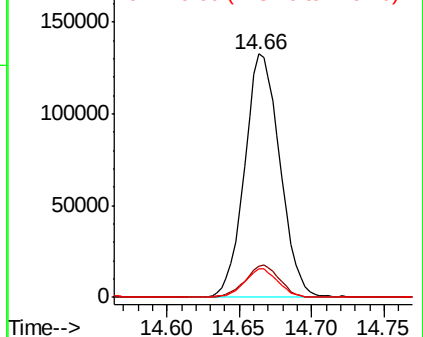
128 100

127 12.8 10.3 15.5

129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.105 ug/l

RT: 14.83 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VN057122.D

Acq: 8 Aug 2019 11:08

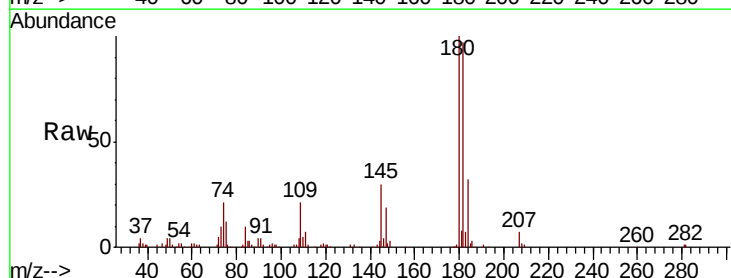
Tgt Ion:180 Resp: 124247

Ion Ratio Lower Upper

180 100

182 97.1 48.3 144.8

145 29.4 14.9 44.5



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

