

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
 Data File : VN057961.D
 Acq On : 12 Sep 2019 11:36
 Operator : JC/SP
 Sample : VN0913WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

Quant Time: Sep 13 04:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	299401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	485156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	464075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	262805	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	320427	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.58	113	225447	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.09	98	927796	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.41	95	315693	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.84	85	82275	19.870 ug/l	99
3) Chloromethane	2.03	50	81324	19.270 ug/l	100
4) Vinyl Chloride	2.16	62	81179	18.175 ug/l	96
5) Bromomethane	2.54	94	44479	17.121 ug/l	99
6) Chloroethane	2.68	64	50674	17.805 ug/l	99
7) Trichlorofluoromethane	2.99	101	102077	18.161 ug/l	99
8) Diethyl Ether	3.39	74	43565	18.583 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	71150	20.066 ug/l	100
10) Methyl Iodide	3.93	142	64029	16.227 ug/l	99
11) Tert butyl alcohol	4.77	59	71200	97.009 ug/l	98
12) 1,1-Dichloroethene	3.71	96	60331	18.924 ug/l	96
13) Acrolein	3.59	56	42281	67.901 ug/l	92
14) Allyl chloride	4.30	41	112010	17.953 ug/l	97
15) Acrylonitrile	4.97	53	207198	102.708 ug/l	99
16) Acetone	3.80	43	185126	93.125 ug/l	98
17) Carbon Disulfide	4.03	76	83316	16.896 ug/l	99
18) Methyl Acetate	4.31	43	116302	21.942 ug/l	100
19) Methyl tert-butyl Ether	5.02	73	262711	19.801 ug/l	97
20) Methylene Chloride	4.53	84	79890	20.381 ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	64345	18.671 ug/l	99
22) Diisopropyl ether	5.93	45	290375	19.846 ug/l	97
23) Vinyl Acetate	5.88	43	1047440	101.014 ug/l	99
24) 1,1-Dichloroethane	5.82	63	157536	19.701 ug/l	99
25) 2-Butanone	6.82	43	286388	99.536 ug/l	99
26) 2,2-Dichloropropane	6.81	77	113848	17.991 ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	88843	19.236 ug/l	99
28) Bromochloromethane	7.17	49	79381	19.871 ug/l	99
29) Tetrahydrofuran	7.19	42	177185	99.937 ug/l	99
30) Chloroform	7.36	83	165486	19.793 ug/l	99
31) Cyclohexane	7.64	56	114624	19.679 ug/l	94
32) 1,1,1-Trichloroethane	7.55	97	125098	18.865 ug/l	97
36) 1,1-Dichloropropene	7.78	75	103347	18.368 ug/l	99
37) Ethyl Acetate	6.91	43	113025	19.443 ug/l #	88
38) Carbon Tetrachloride	7.76	117	96683	18.821 ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	108101	18.276	ug/l	93
40) Benzene	8.03	78	331912	19.594	ug/l	98
41) Methacrylonitrile	7.16	41	53636	20.326	ug/l	96
42) 1,2-Dichloroethane	8.11	62	138285	20.412	ug/l	100
43) Isopropyl Acetate	8.15	43	193723	19.816	ug/l	100
44) Trichloroethene	8.83	130	78013	18.777	ug/l	99
45) 1,2-Dichloropropane	9.11	63	98314	19.946	ug/l	100
46) Dibromomethane	9.20	93	61876	20.774	ug/l	97
47) Bromodichloromethane	9.40	83	115930	19.491	ug/l	97
48) Methyl methacrylate	9.19	41	96759	19.512	ug/l	99
49) 1,4-Dioxane	9.19	88	31846	379.745	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	624303	107.915	ug/l	98
52) Toluene	10.15	92	208600	19.552	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	115706	18.473	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	129201	18.683	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	91178	20.175	ug/l	98
56) Ethyl methacrylate	10.43	69	135008	19.838	ug/l	99
57) 1,3-Dichloropropane	10.71	76	155599	19.978	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	340752	106.306	ug/l	99
59) 2-Hexanone	10.75	43	446895	103.062	ug/l	99
60) Dibromochloromethane	10.90	129	79011	18.827	ug/l	100
61) 1,2-Dibromoethane	11.00	107	83935	19.645	ug/l	98
64) Tetrachloroethene	10.63	164	64605	18.855	ug/l	97
65) Chlorobenzene	11.44	112	230179	18.952	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	80422	19.083	ug/l	99
67) Ethyl Benzene	11.51	91	415724	19.531	ug/l	99
68) m/p-Xylenes	11.62	106	297095	38.105	ug/l	99
69) o-Xylene	11.95	106	148446	19.152	ug/l	97
70) Styrene	11.97	104	256423	19.223	ug/l	98
71) Bromoform	12.13	173	47302	18.003	ug/l #	98
73) Isopropylbenzene	12.25	105	413082	20.256	ug/l	100
74) N-amyl acetate	12.07	43	173198	19.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	139233	20.278	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	159158	26.771	ug/l #	100
77) Bromobenzene	12.53	156	98080	19.290	ug/l	96
78) n-propylbenzene	12.60	91	483265	20.637	ug/l	100
79) 2-Chlorotoluene	12.68	91	287915	19.453	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	354428	20.570	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28129	16.650	ug/l #	85
82) 4-Chlorotoluene	12.78	91	293908	19.337	ug/l	99
83) tert-Butylbenzene	13.00	119	310504	20.273	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	352443	20.125	ug/l	99
85) sec-Butylbenzene	13.18	105	407726	20.084	ug/l	100
86) p-Isopropyltoluene	13.30	119	364926	20.402	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	179336	19.217	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	178664	18.861	ug/l	99
89) n-Butylbenzene	13.62	91	329877	19.529	ug/l	100
90) Hexachloroethane	13.88	117	50771	19.086	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	177634	19.052	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.28	75	21864	19.282	ug/l	99

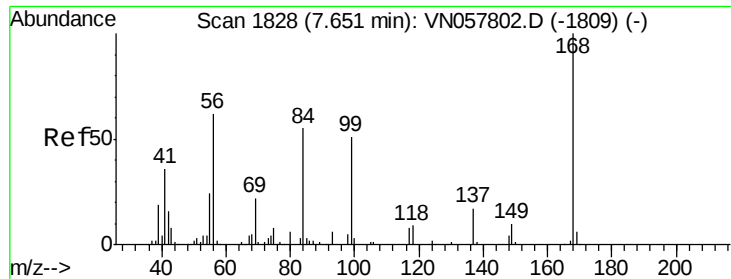
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	104546	17.156	ug/l	96
94) Hexachlorobutadiene	15.02	225	47620	18.434	ug/l	98
95) Naphthalene	15.13	128	306731	18.962	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	103275	20.023	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

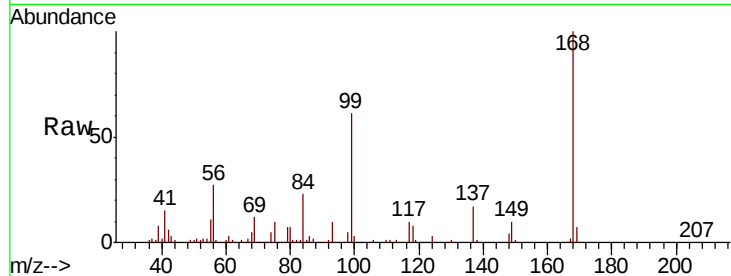
VN0913WBS01

Tgt Ion:168 Resp: 299401

Ion Ratio Lower Upper

168 100

99 60.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

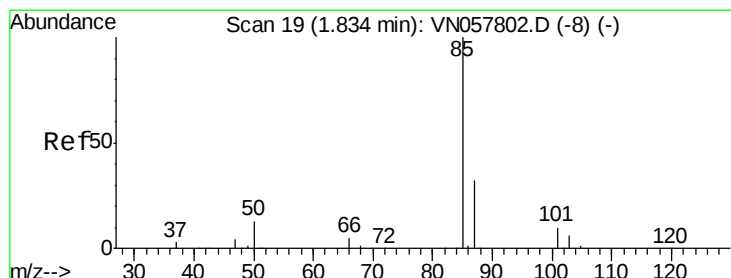
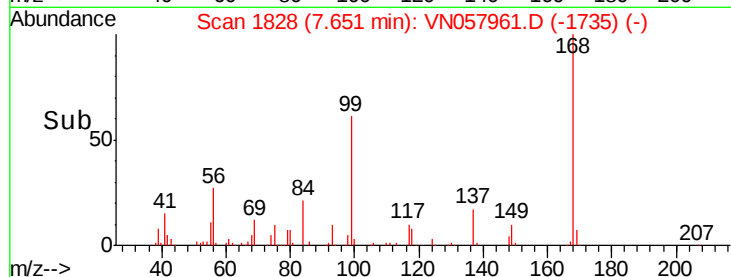
7.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.870 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN057961.D

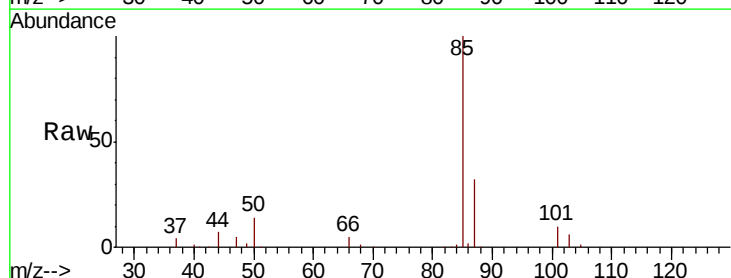
Acq: 12 Sep 2019 11:36

Tgt Ion: 85 Resp: 82275

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

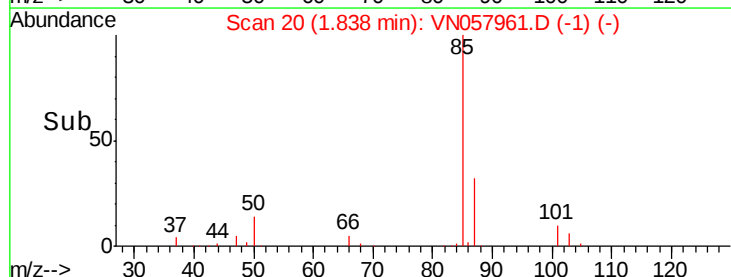
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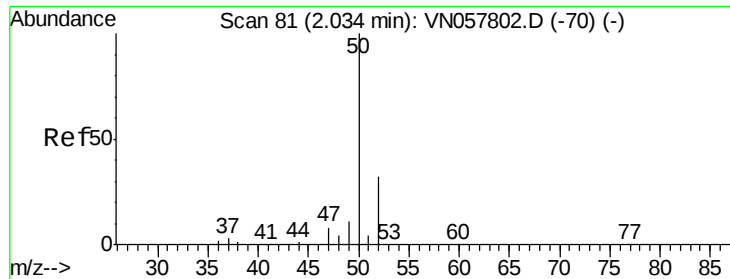
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.270 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

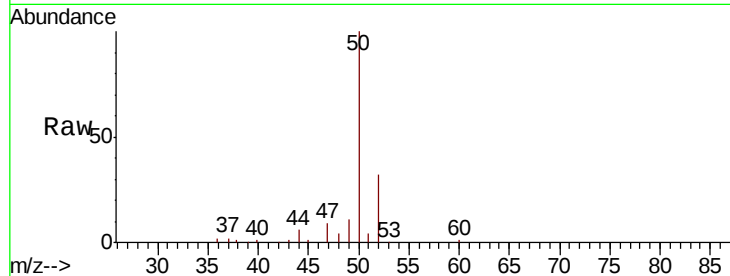
VN0913WBS01

Tgt Ion: 50 Resp: 81324

Ion Ratio Lower Upper

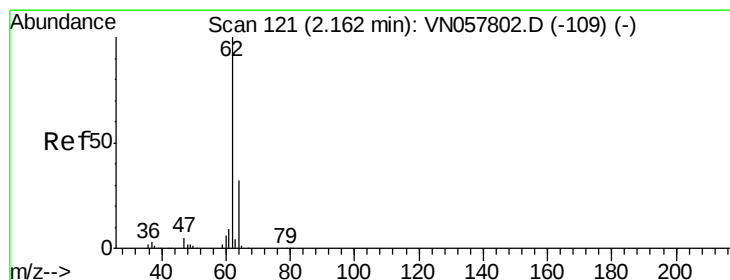
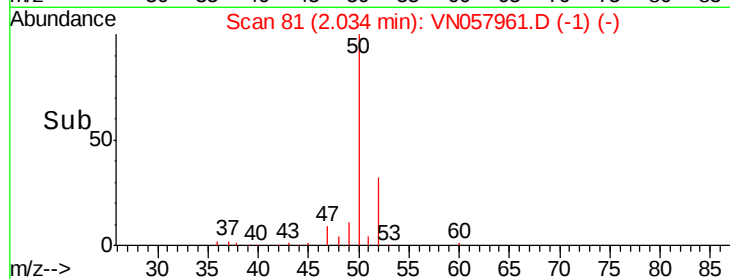
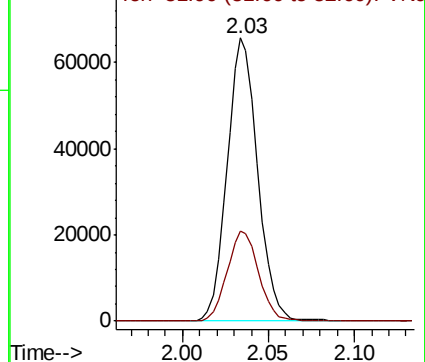
50 100

52 31.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.175 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057961.D

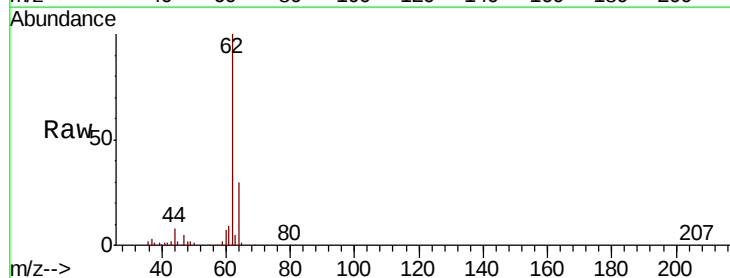
Acq: 12 Sep 2019 11:36

Tgt Ion: 62 Resp: 81179

Ion Ratio Lower Upper

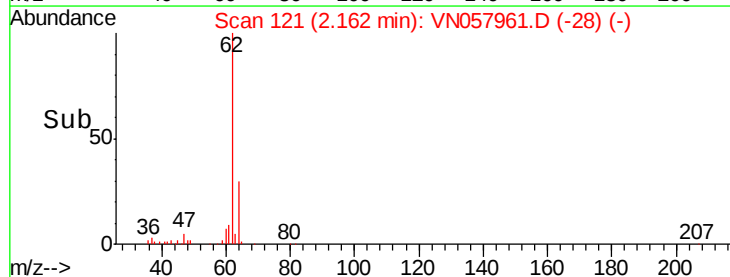
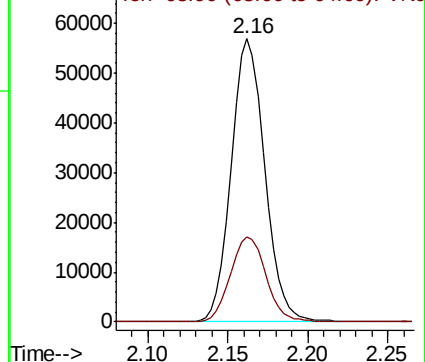
62 100

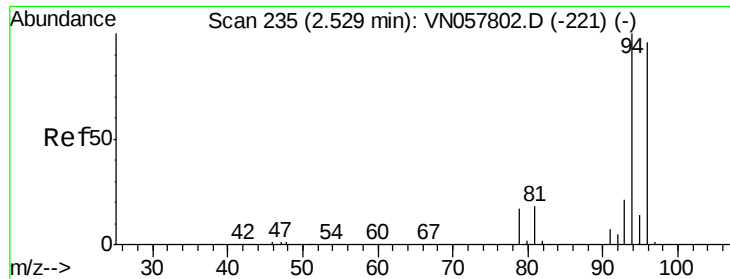
64 30.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.121 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

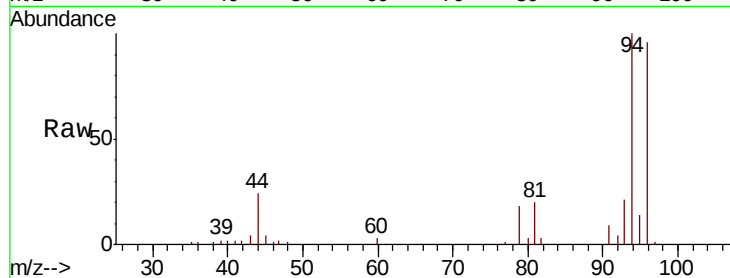
VN0913WBS01

Tgt Ion: 94 Resp: 44479

Ion Ratio Lower Upper

94 100

96 95.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

25000

20000

15000

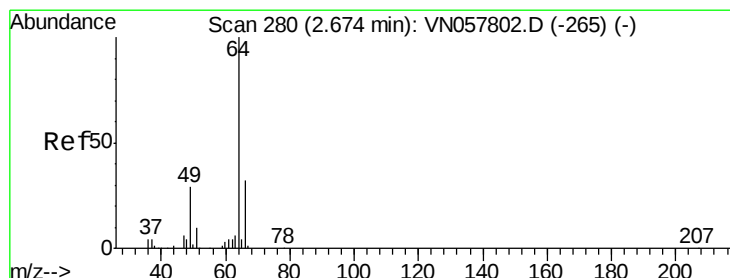
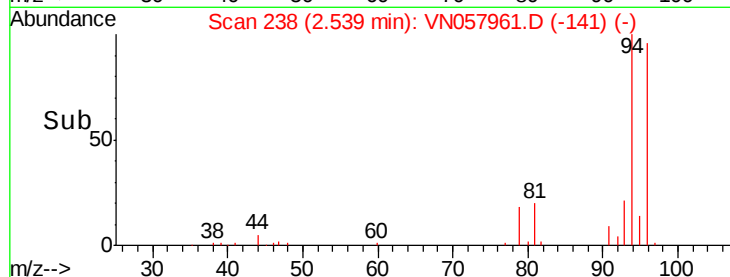
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 17.805 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.01 min

Lab File: VN057961.D

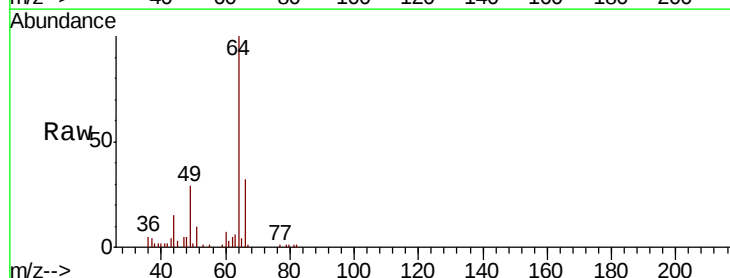
Acq: 12 Sep 2019 11:36

Tgt Ion: 64 Resp: 50674

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

30000

25000

20000

15000

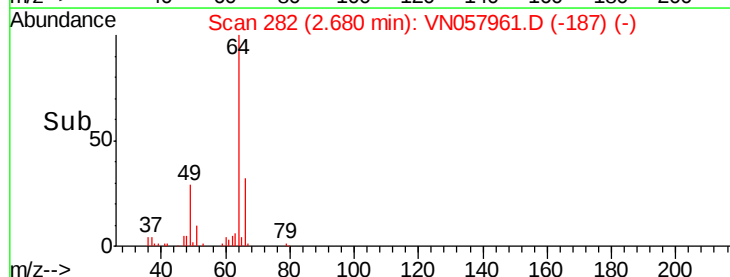
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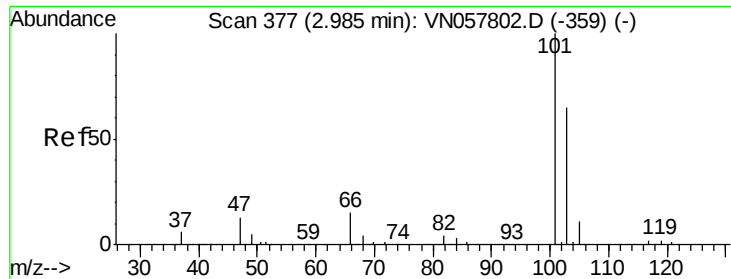
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0

Time-->

2.60 2.65 2.70 2.75



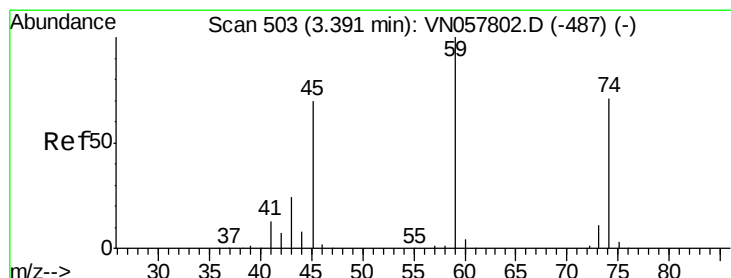
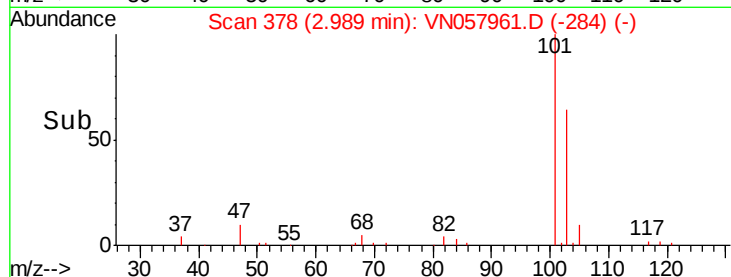
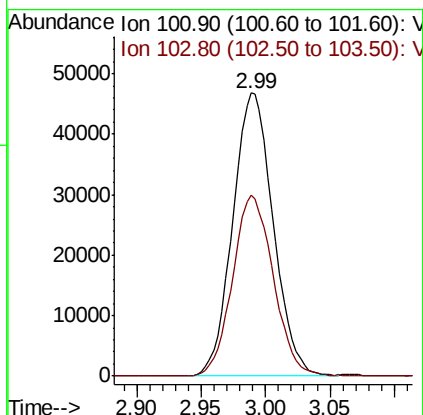
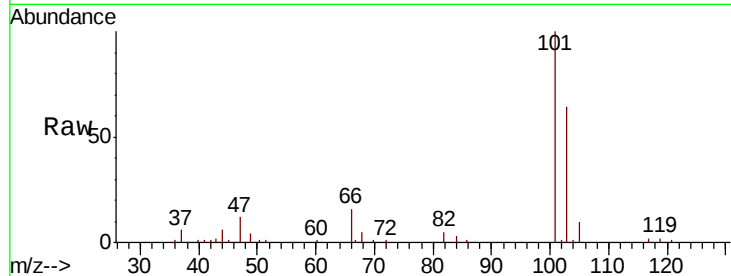


#7

Trichlorofluoromethane
 Concen: 18.161 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Instrument :
 MSVOA_N
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 VN0913WBS01

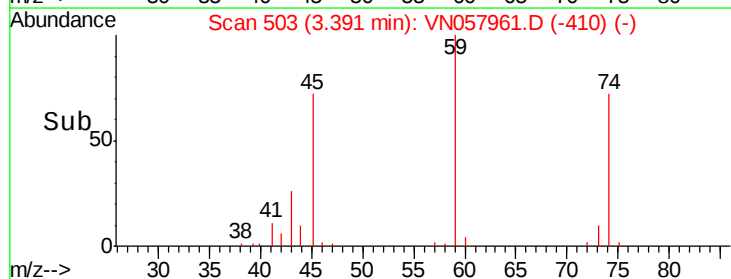
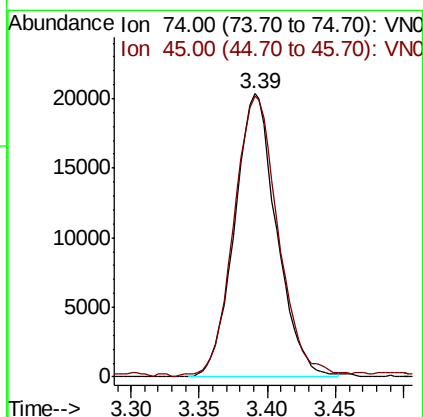
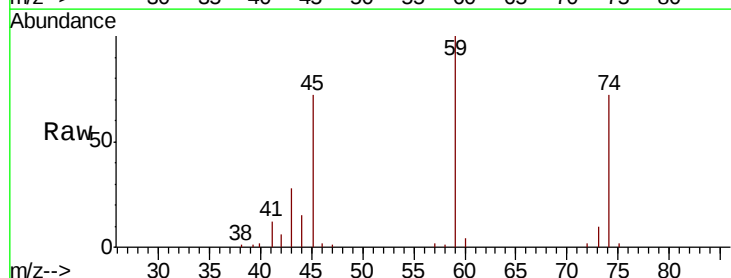
Tgt Ion:101 Resp: 102077
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.9 77.9

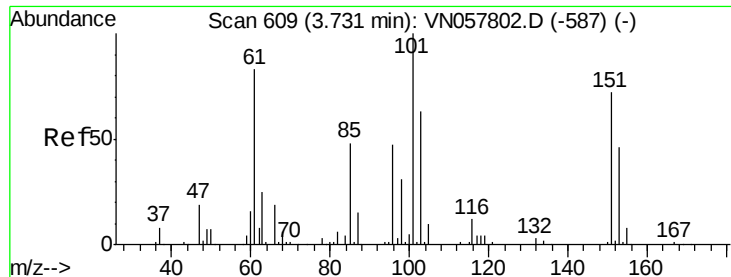


#8

Diethyl Ether
 Concen: 18.583 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion: 74 Resp: 43565
 Ion Ratio Lower Upper
 74 100
 45 105.2 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.066 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

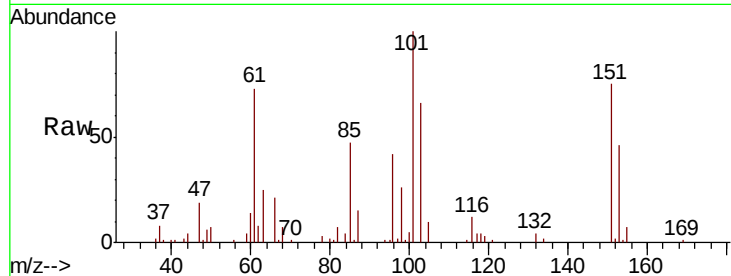
Tgt Ion:101 Resp: 71150

Ion Ratio Lower Upper

101 100

85 47.5 38.1 57.1

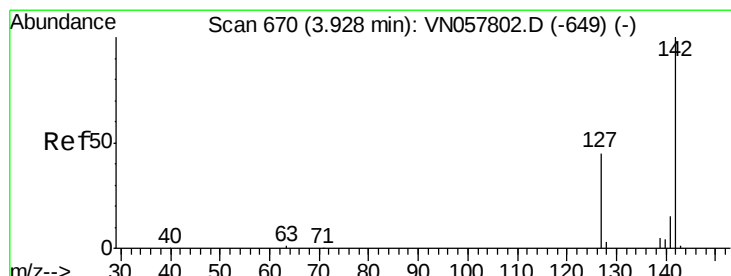
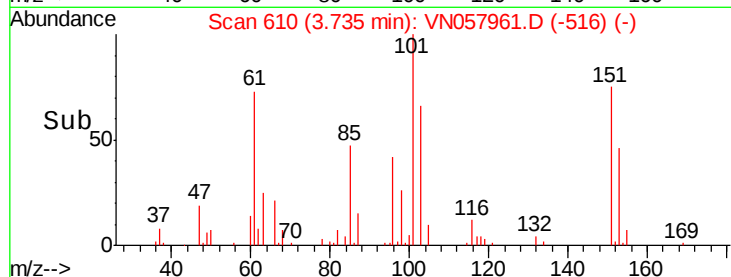
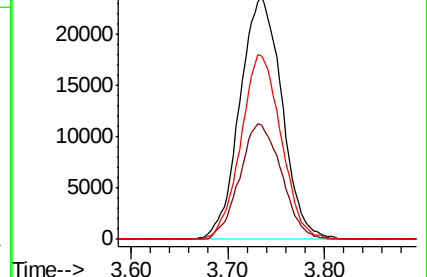
151 72.7 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.227 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

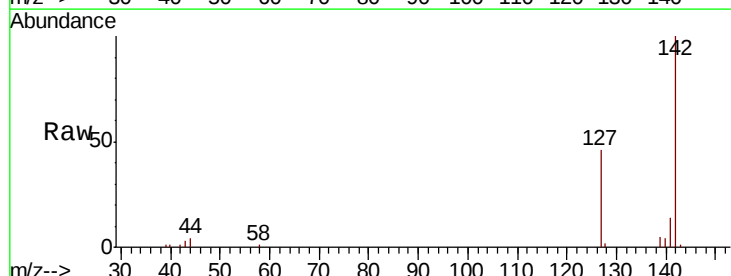
Tgt Ion:142 Resp: 64029

Ion Ratio Lower Upper

142 100

127 46.5 36.7 55.1

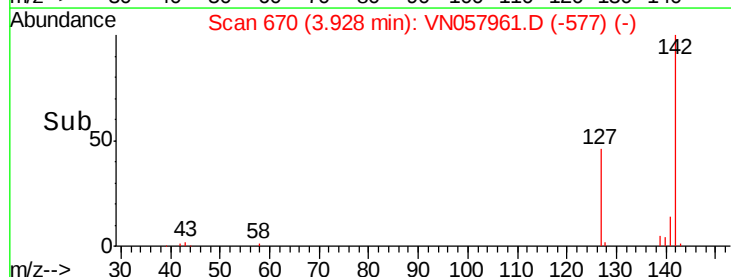
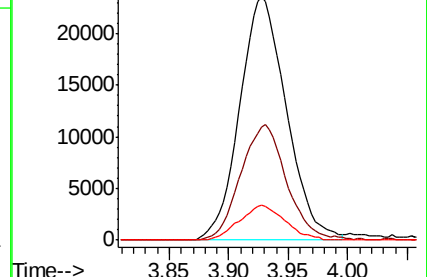
141 13.9 11.4 17.0

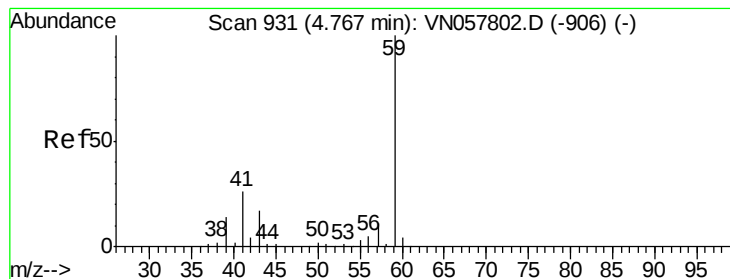


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



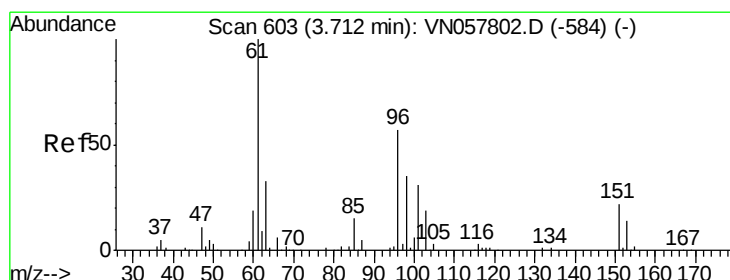
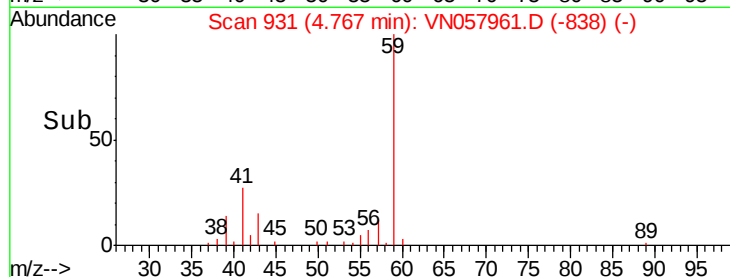
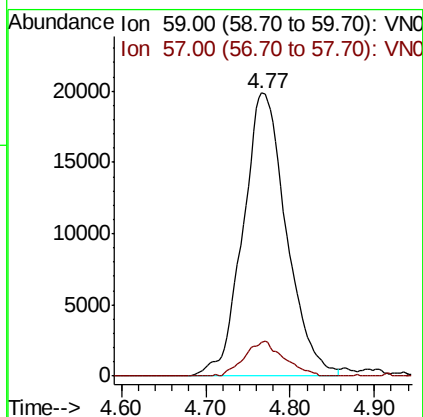
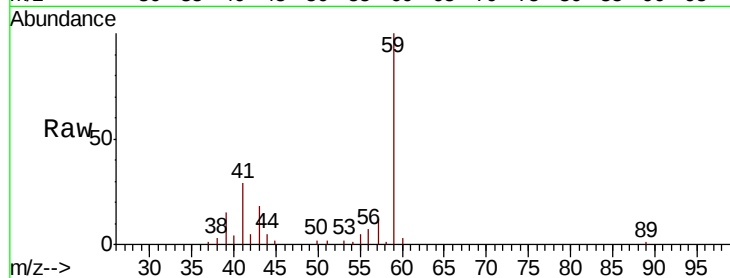


#11

Tert butyl alcohol
 Concen: 97.009 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

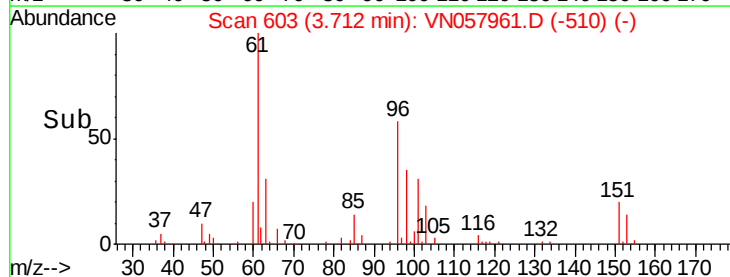
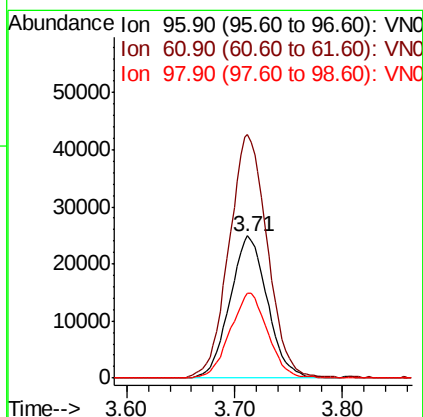
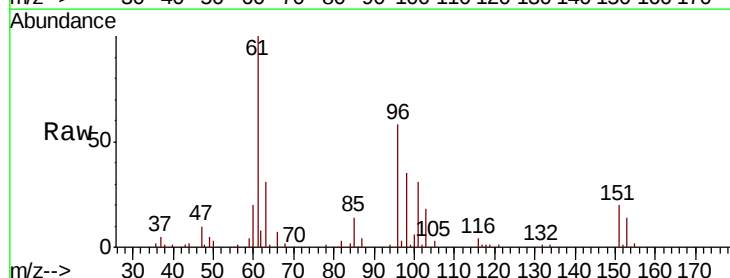
Tgt Ion: 59 Resp: 71200
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.4 12.6

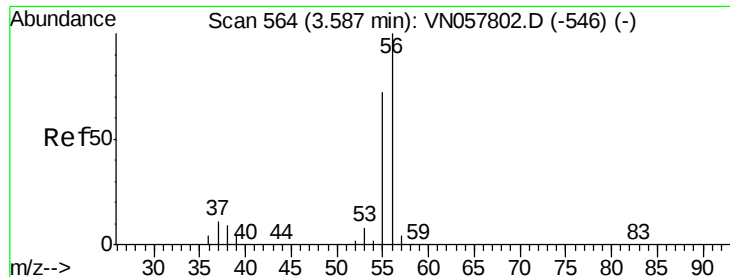


#12

1,1-Dichloroethene
 Concen: 18.924 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion: 96 Resp: 60331
 Ion Ratio Lower Upper
 96 100
 61 170.7 141.2 211.8
 98 60.1 49.9 74.9





#13

Acrolein

Concen: 67.901 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

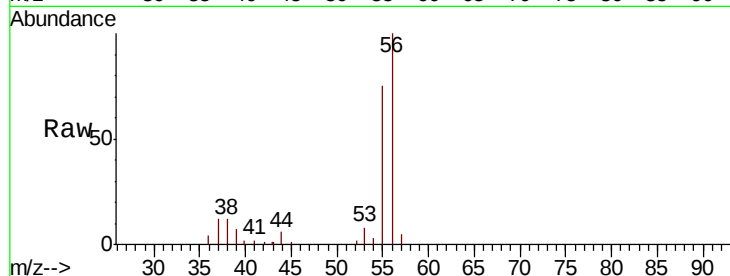
VN0913WBS01

Tgt Ion: 56 Resp: 42281

Ion Ratio Lower Upper

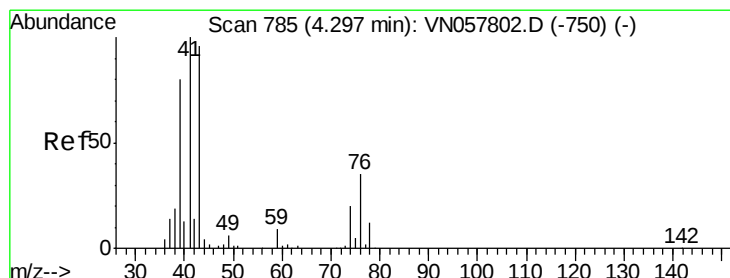
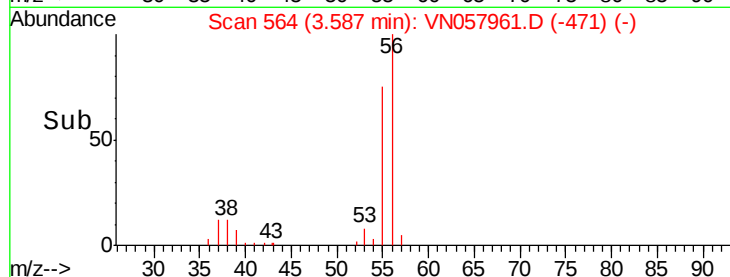
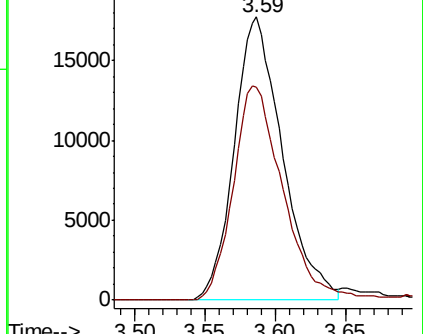
56 100

55 78.4 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.953 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

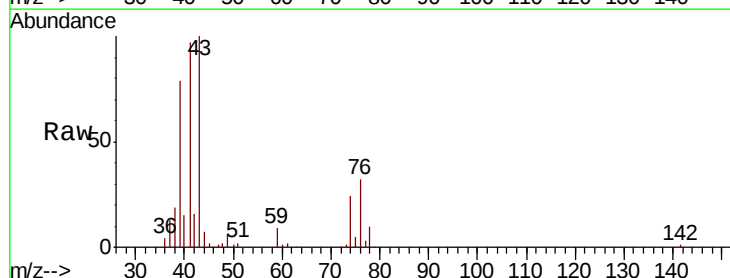
Tgt Ion: 41 Resp: 112010

Ion Ratio Lower Upper

41 100

39 76.3 59.4 89.2

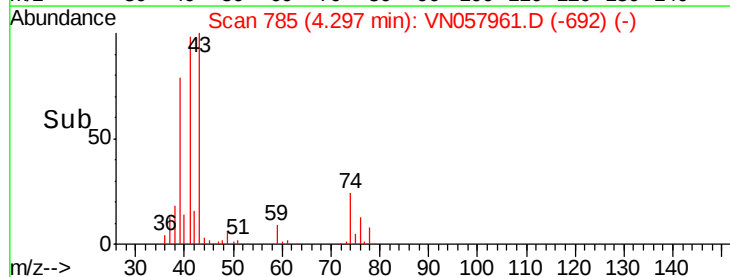
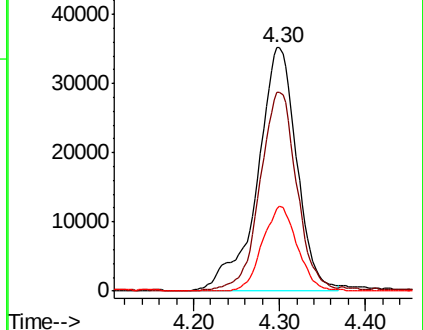
76 30.8 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 102.708 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

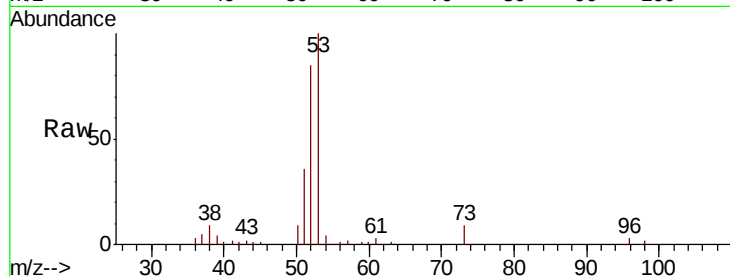
Tgt Ion: 53 Resp: 207198

Ion Ratio Lower Upper

53 100

52 82.4 66.6 100.0

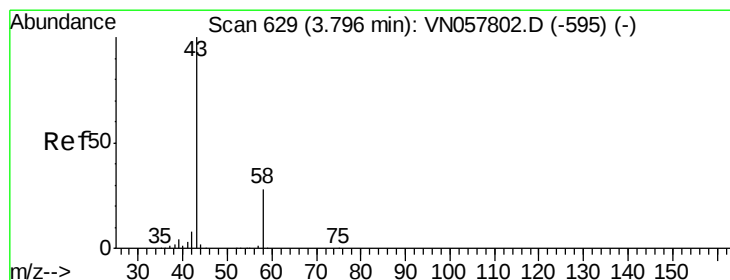
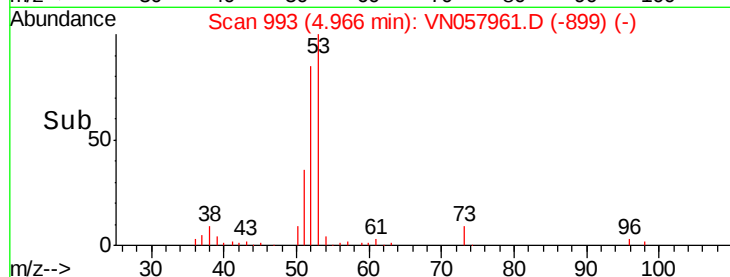
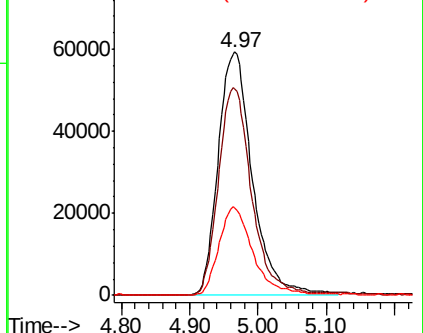
51 36.1 29.8 44.8



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: 93.125 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057961.D

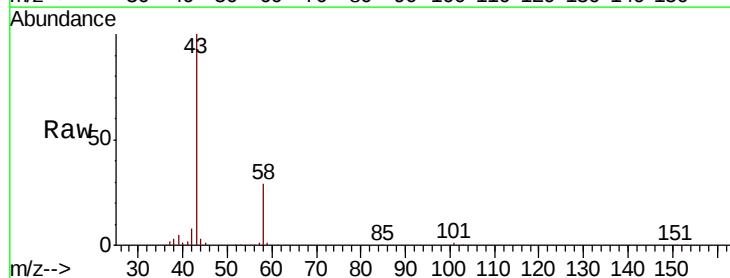
Acq: 12 Sep 2019 11:36

Tgt Ion: 43 Resp: 185126

Ion Ratio Lower Upper

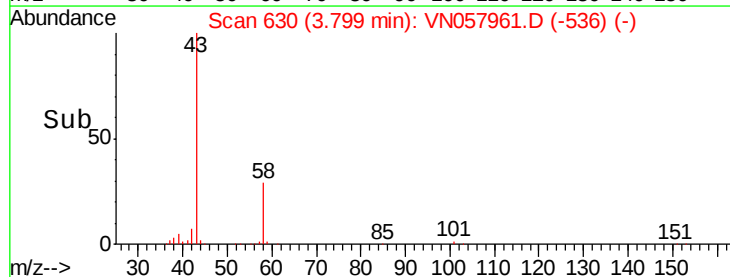
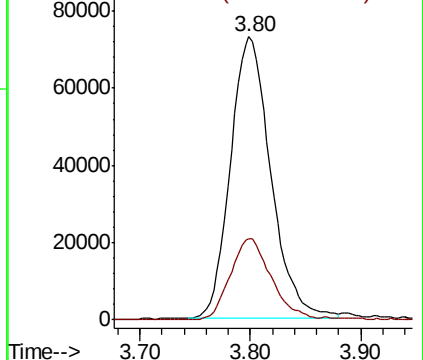
43 100

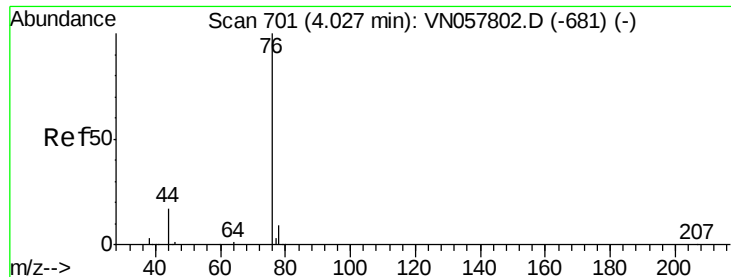
58 29.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

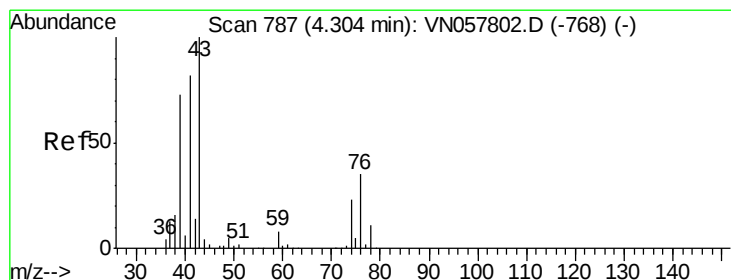
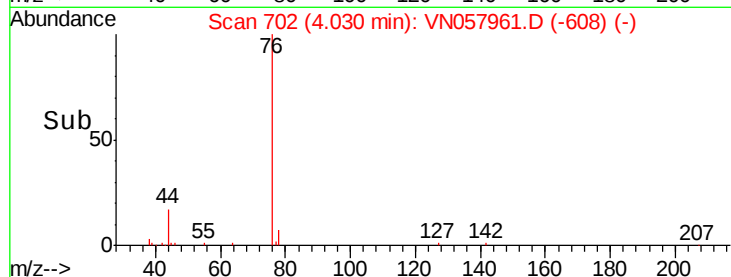
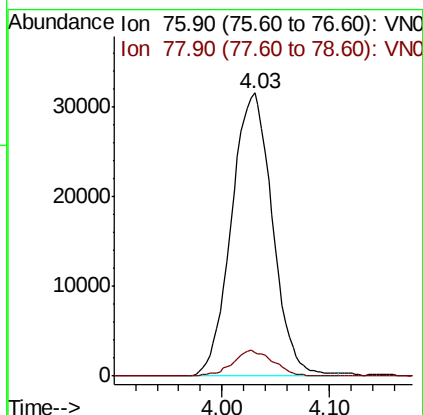
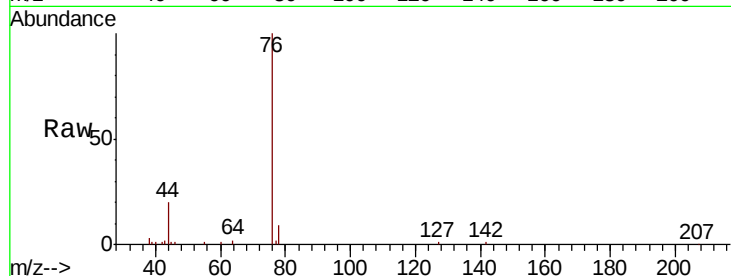




#17
Carbon Disulfide
Concen: 16.896 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

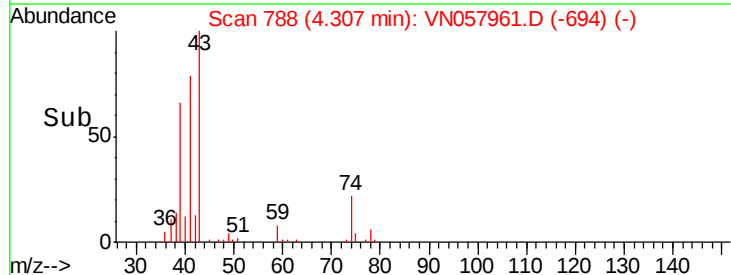
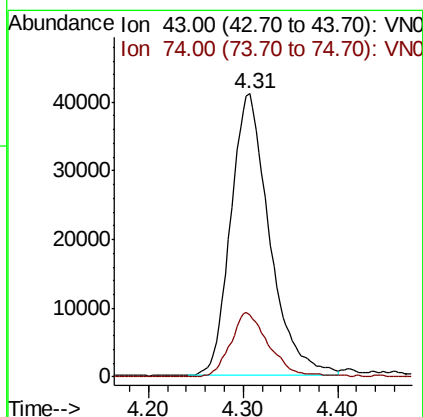
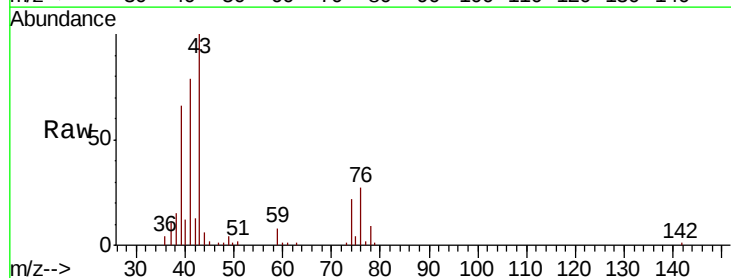
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

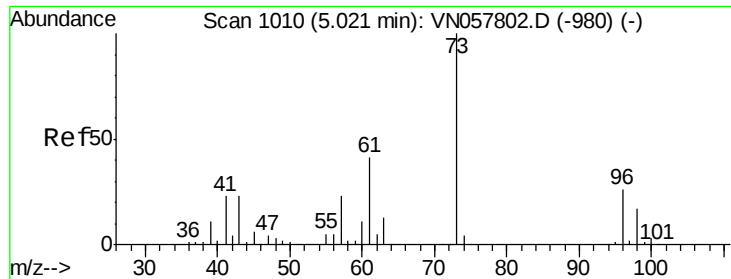
Tgt Ion: 76 Resp: 83316
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 21.942 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

Tgt Ion: 43 Resp: 116302
Ion Ratio Lower Upper
43 100
74 22.5 17.9 26.9

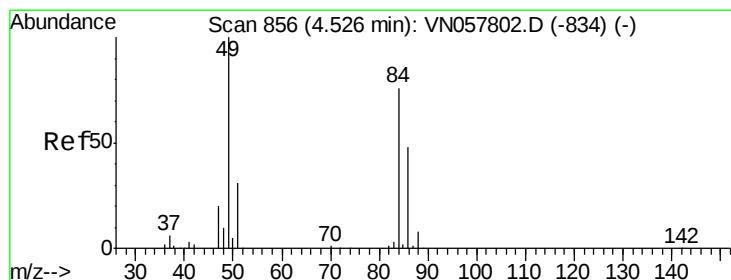
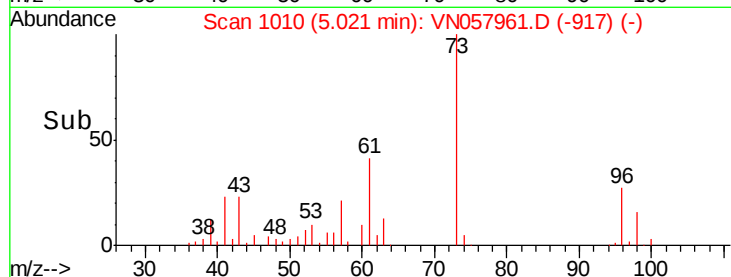
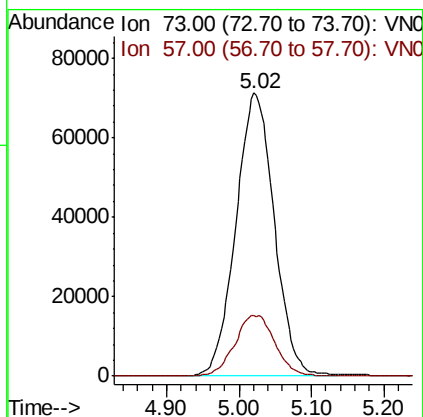
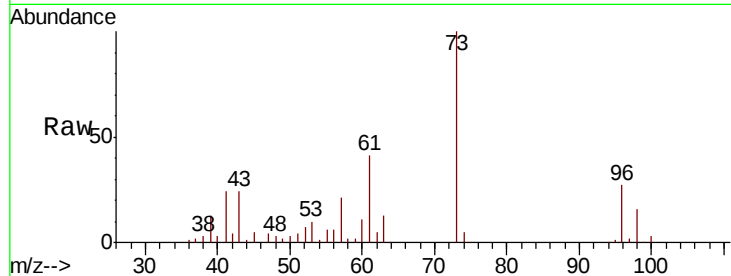




#19
Methyl tert-butyl Ether
Concen: 19.801 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

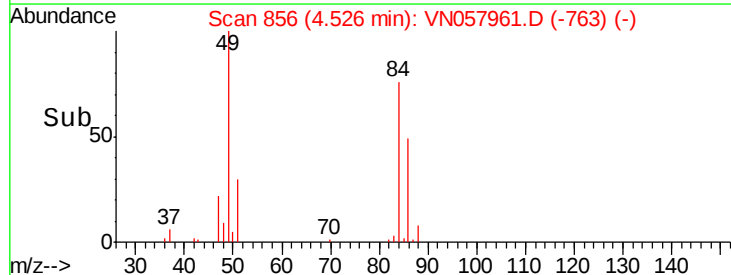
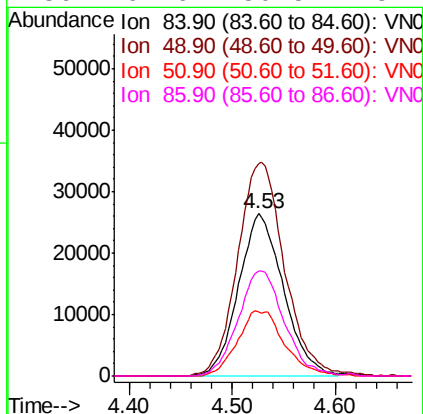
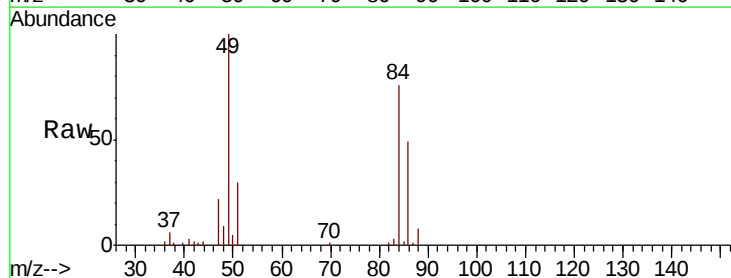
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

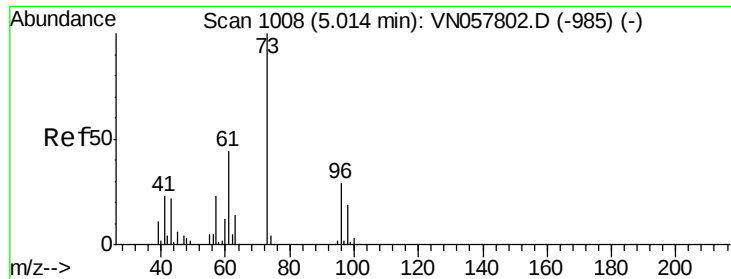
Tgt Ion: 73 Resp: 262711
Ion Ratio Lower Upper
73 100
57 21.3 18.2 27.2



#20
Methylene Chloride
Concen: 20.381 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

Tgt Ion: 84 Resp: 79890
Ion Ratio Lower Upper
84 100
49 131.1 104.8 157.2
51 39.5 33.0 49.4
86 64.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.671 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

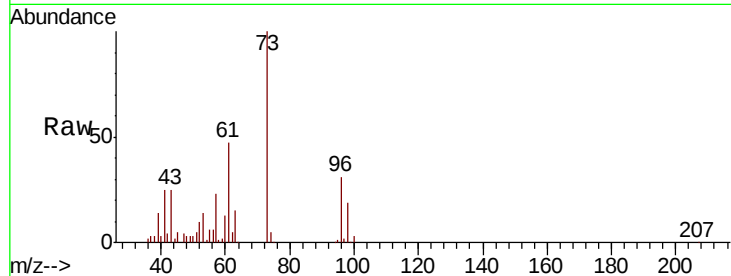
Tgt Ion: 96 Resp: 64345

Ion Ratio Lower Upper

96 100

61 152.4 121.9 182.9

98 61.9 52.2 78.4

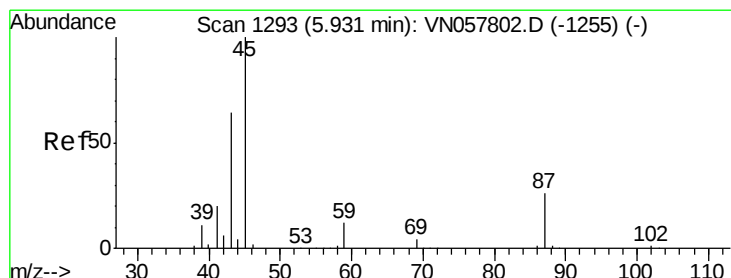
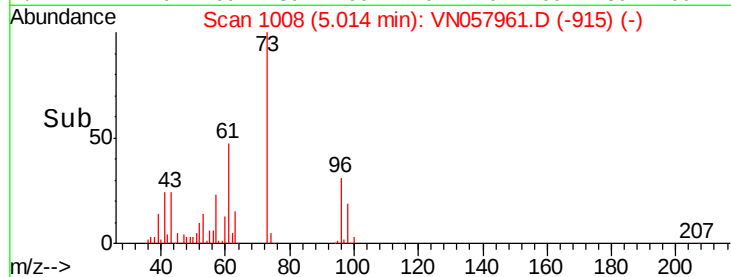
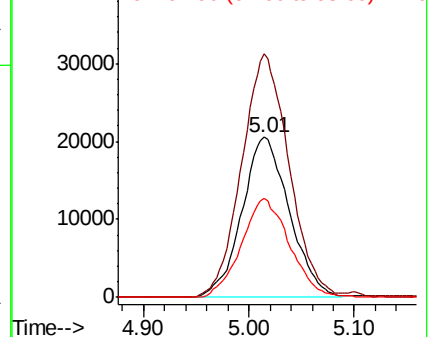


Abundance

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: 19.846 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Tgt Ion: 45 Resp: 290375

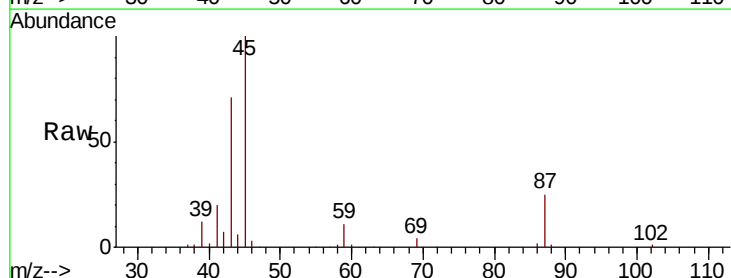
Ion Ratio Lower Upper

45 100

43 66.6 51.4 77.2

87 24.4 21.3 31.9

59 11.2 9.3 13.9



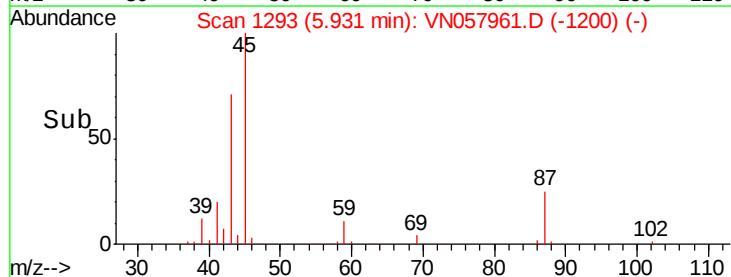
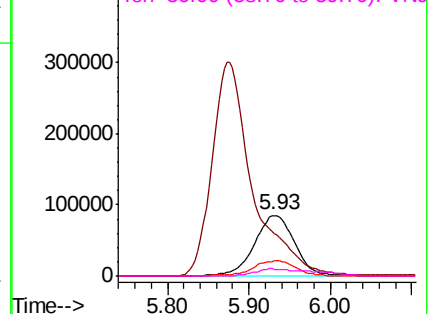
Abundance

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: 101.014 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

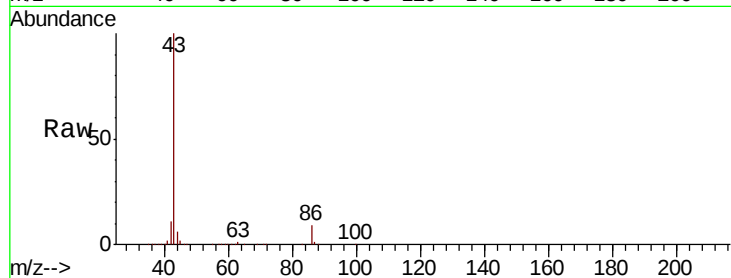
VN0913WBS01

Tgt Ion: 43 Resp: 1047440

Ion Ratio Lower Upper

43 100

86 9.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1250) (-)

Ion 86.00 (85.70 to 86.70): VN057802.D (-1250) (-)

5.88

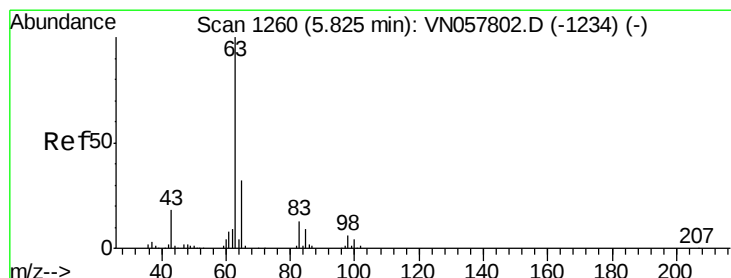
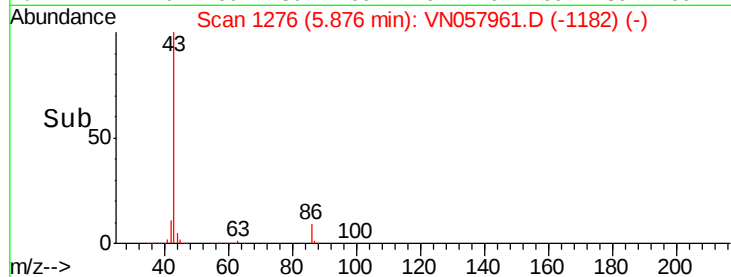
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.701 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

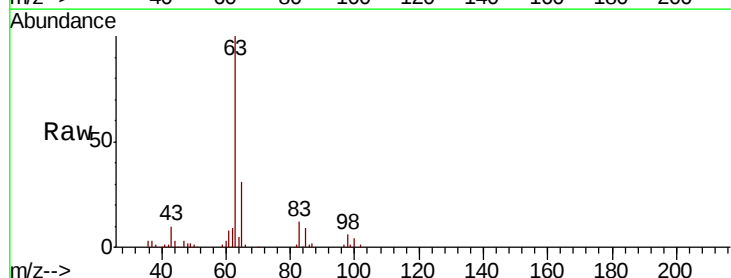
Tgt Ion: 63 Resp: 157536

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.3 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN057802.D (-1234) (-)

5.82

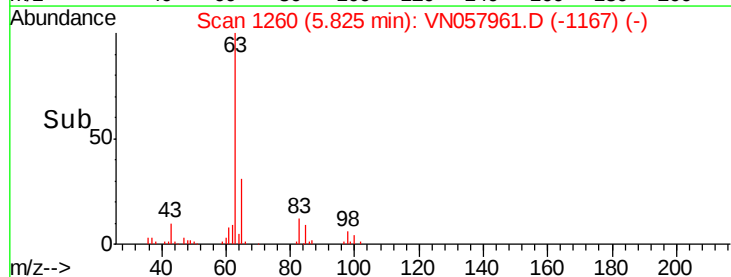
60000

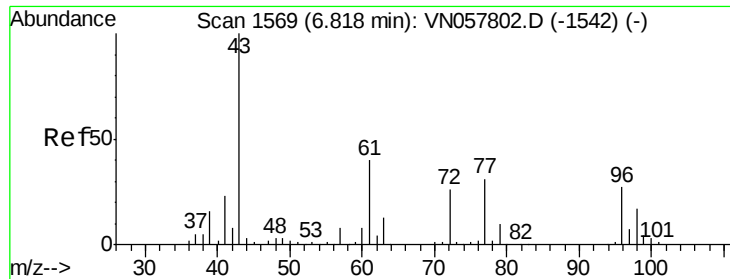
40000

20000

0

Time-->





#25

2-Butanone

Concen: 99.536 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

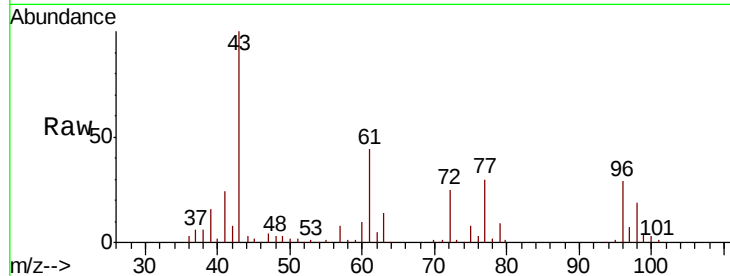
VN0913WBS01

Tgt Ion: 43 Resp: 286388

Ion Ratio Lower Upper

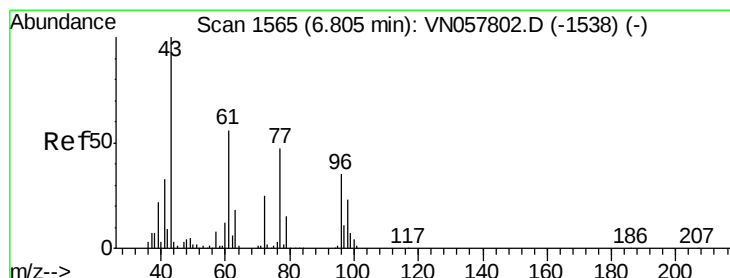
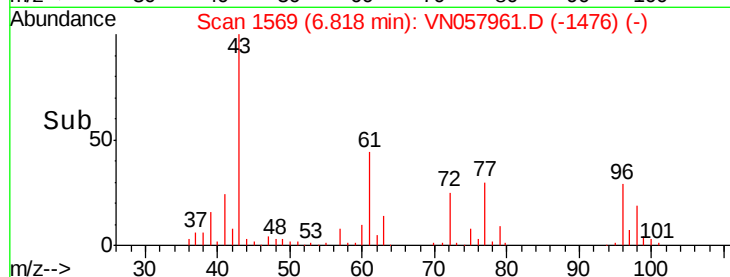
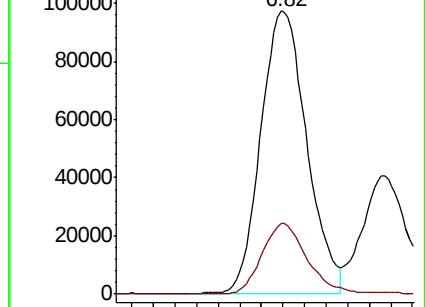
43 100

72 25.0 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.991 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057961.D

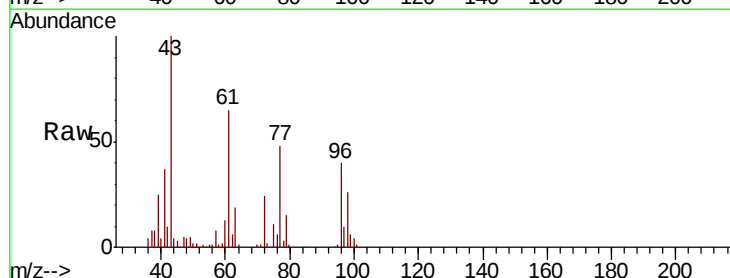
Acq: 12 Sep 2019 11:36

Tgt Ion: 77 Resp: 113848

Ion Ratio Lower Upper

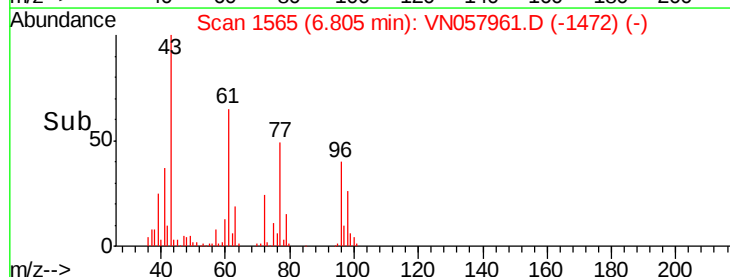
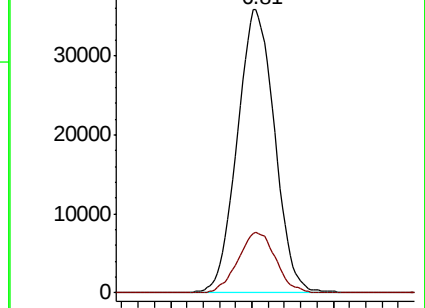
77 100

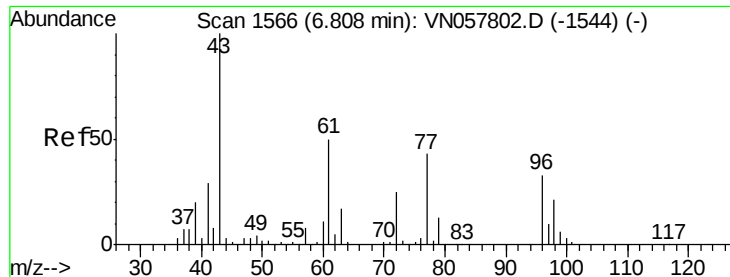
97 21.5 11.1 33.3



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: 19.236 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

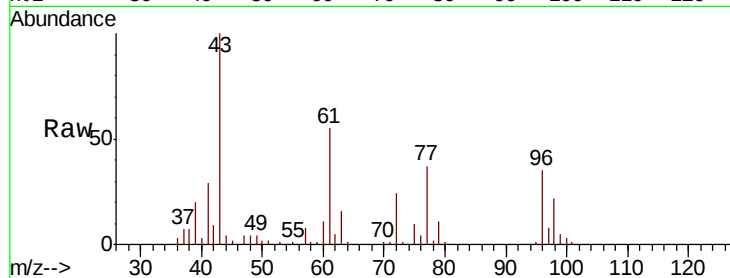
Tgt Ion: 96 Resp: 88843

Ion Ratio Lower Upper

96 100

61 158.5 0.0 314.0

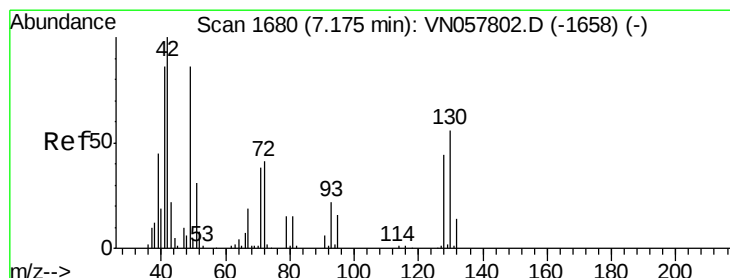
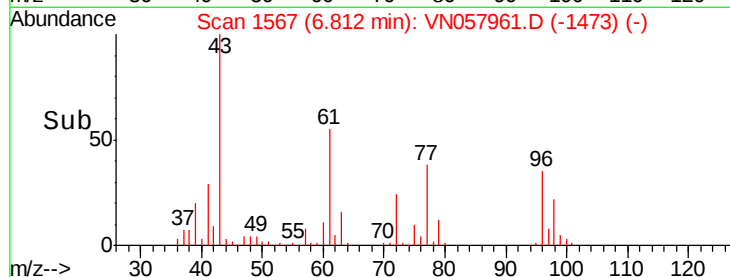
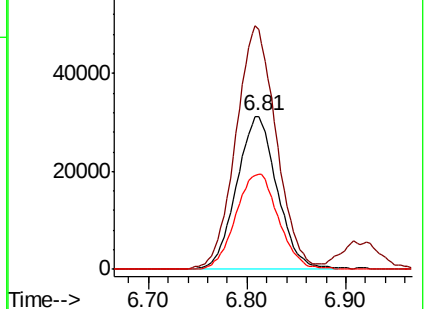
98 65.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.871 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

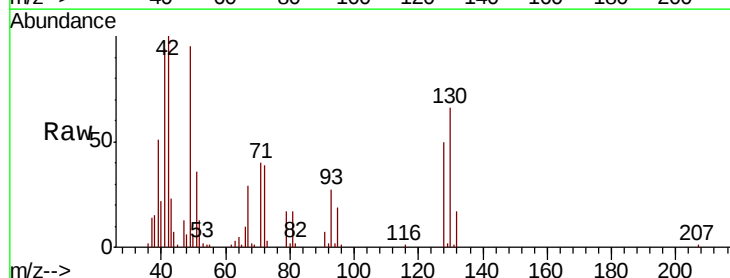
Tgt Ion: 49 Resp: 79381

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

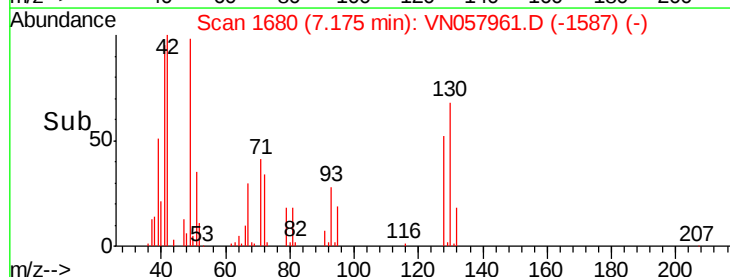
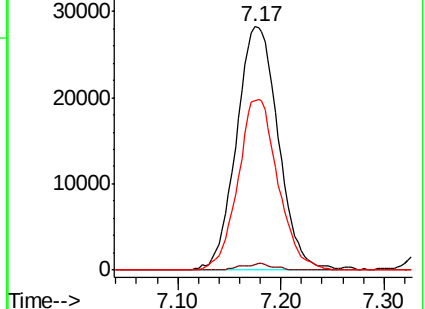
130 67.1 53.0 79.6

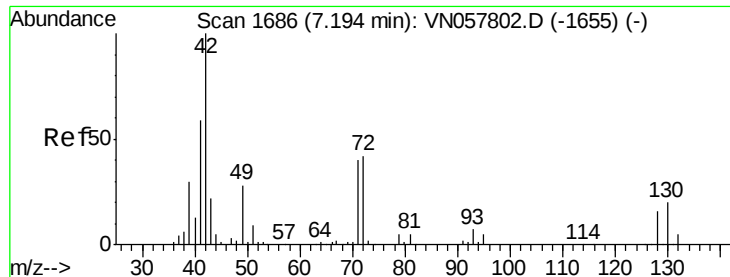


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 99.937 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

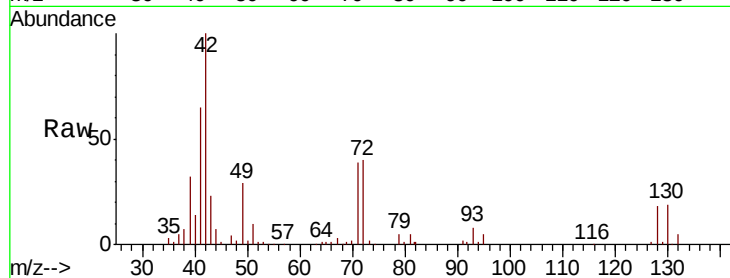
Tgt Ion: 42 Resp: 177185

Ion Ratio Lower Upper

42 100

72 41.5 33.7 50.5

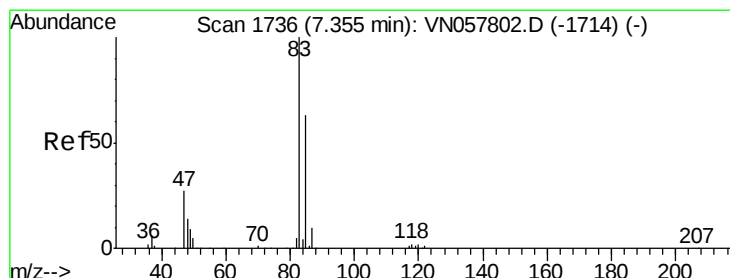
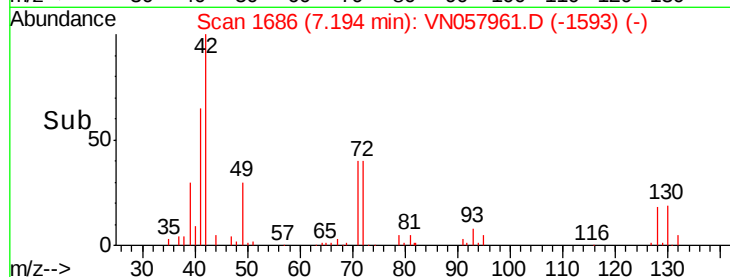
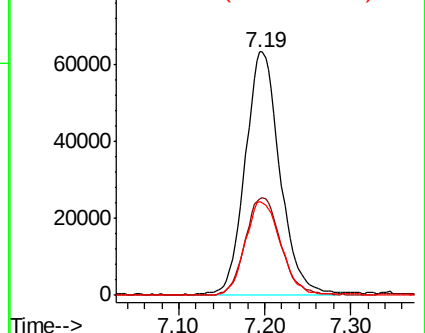
71 39.9 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.793 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057961.D

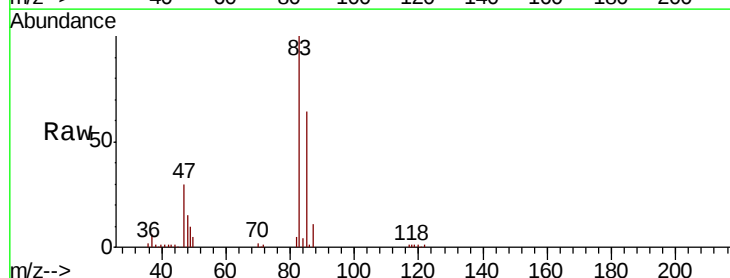
Acq: 12 Sep 2019 11:36

Tgt Ion: 83 Resp: 165486

Ion Ratio Lower Upper

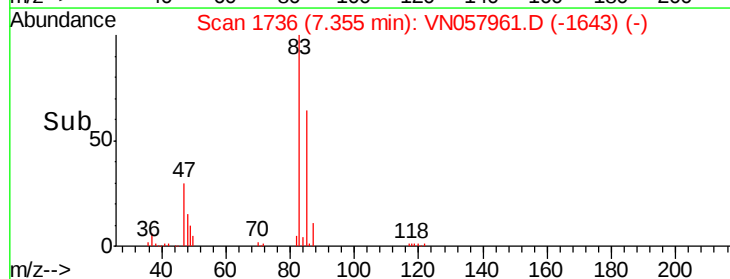
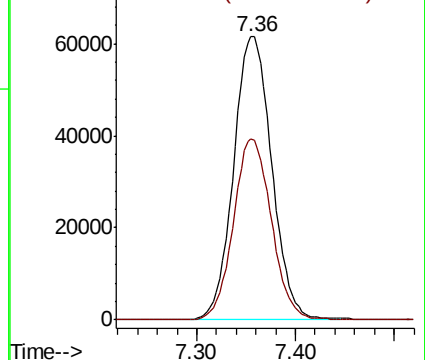
83 100

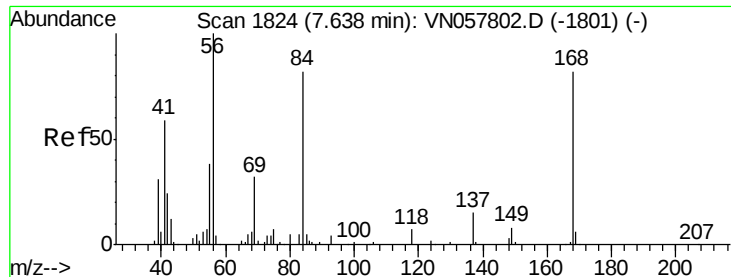
85 64.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.679 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

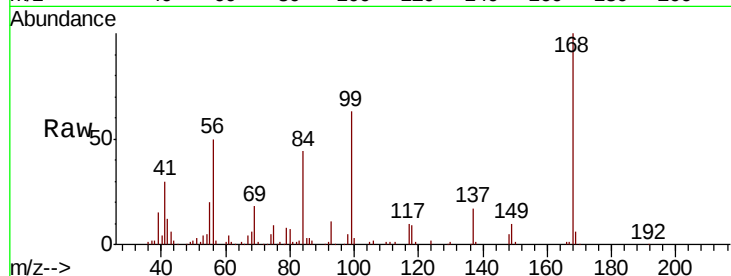
Tgt Ion: 56 Resp: 114624

Ion Ratio Lower Upper

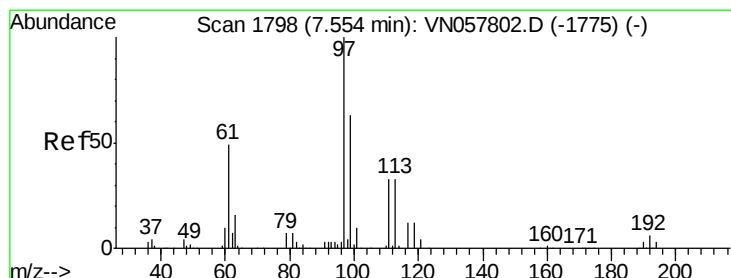
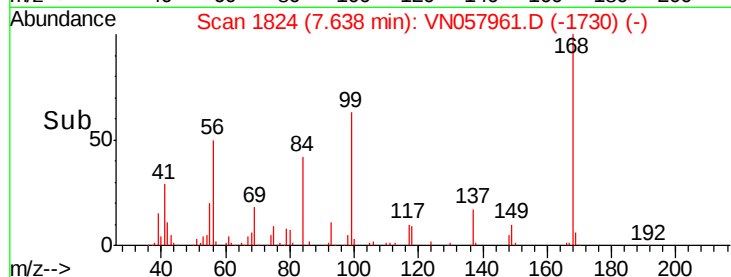
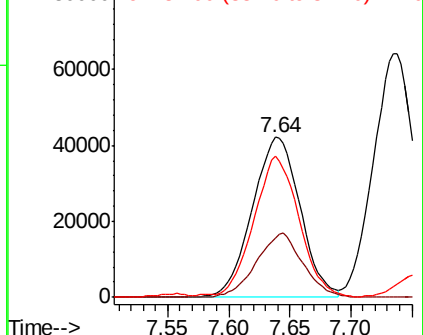
56 100

69 37.0 25.9 38.9

84 86.8 65.6 98.4



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



#32

1,1,1-Trichloroethane

Concen: 18.865 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

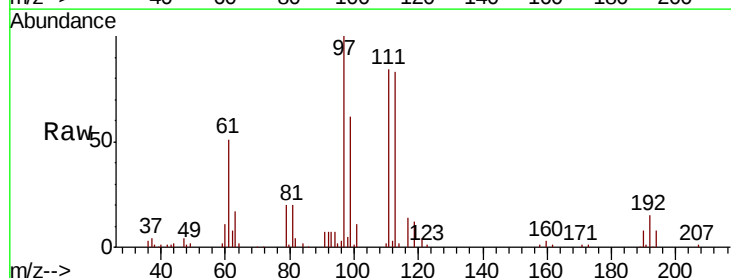
Tgt Ion: 97 Resp: 125098

Ion Ratio Lower Upper

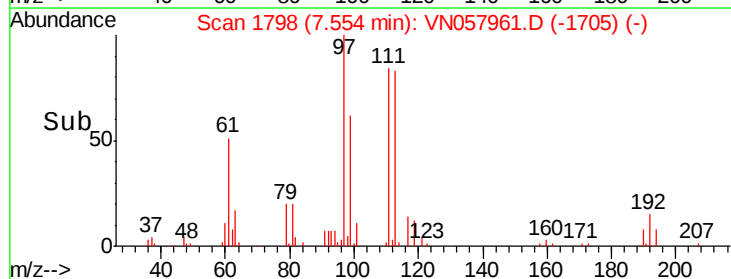
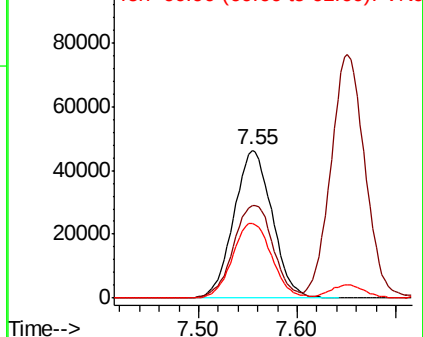
97 100

99 64.8 51.0 76.4

61 51.7 39.0 58.6



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

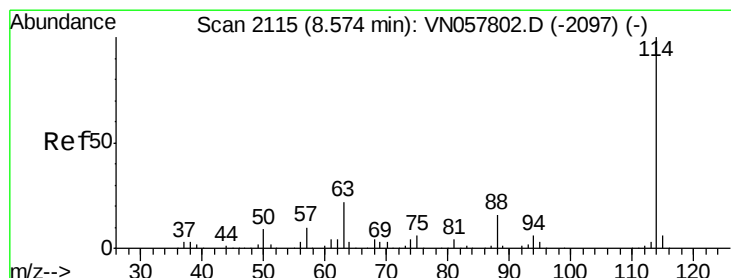
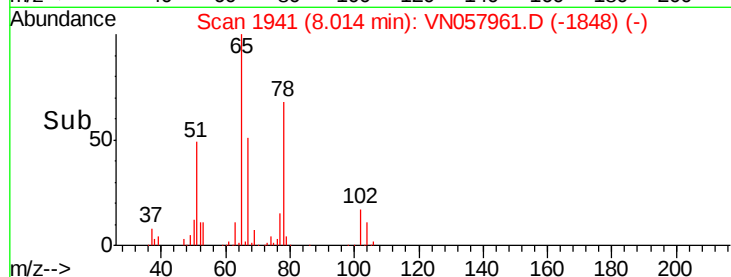
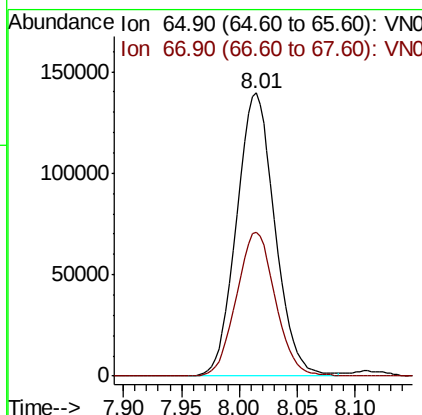
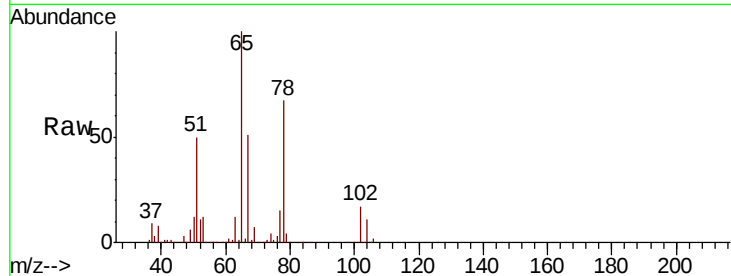




#33
 1,2-Dichloroethane-d4
 Concen: 52.840 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

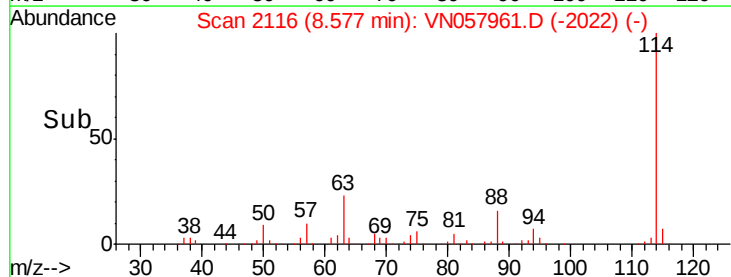
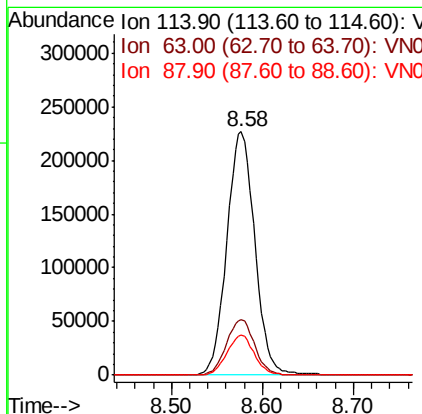
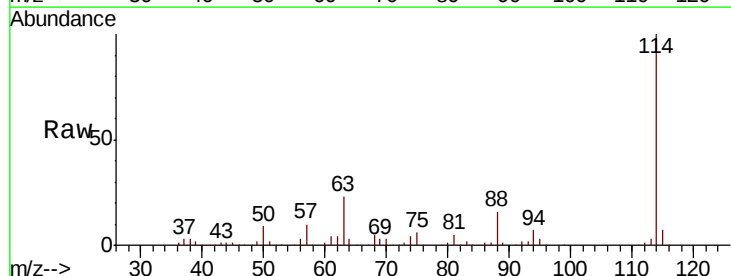
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

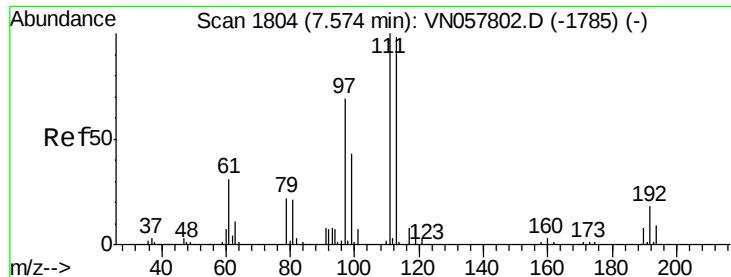
Tgt Ion: 65 Resp: 320427
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion: 114 Resp: 485156
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.0
 88 16.4 0.0 31.4

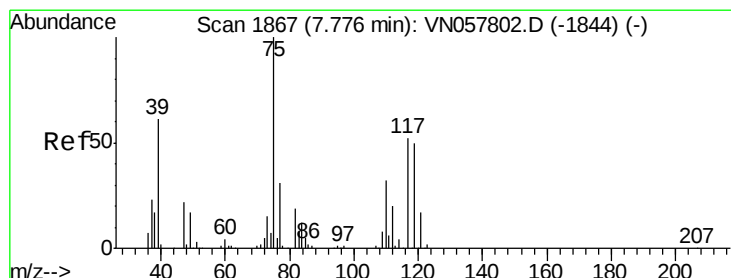
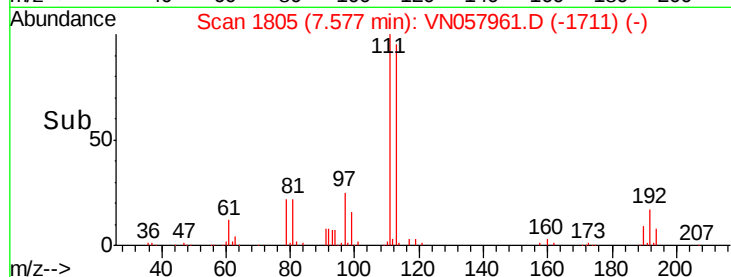
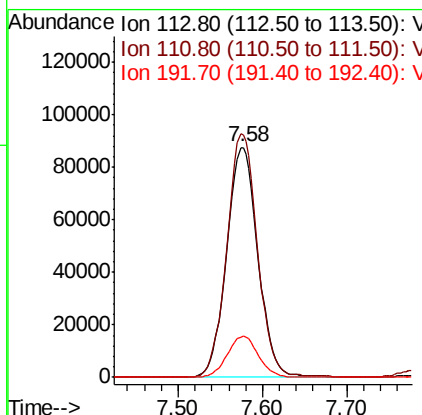
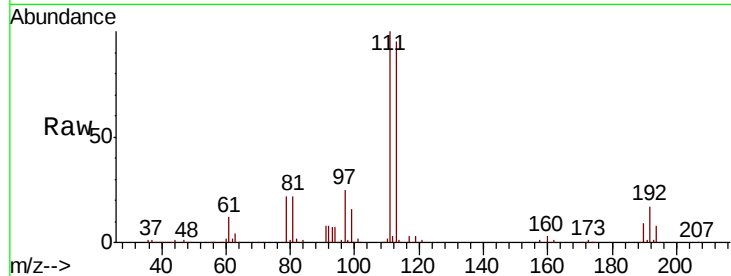




#35
 Dibromofluoromethane
 Concen: 50.348 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

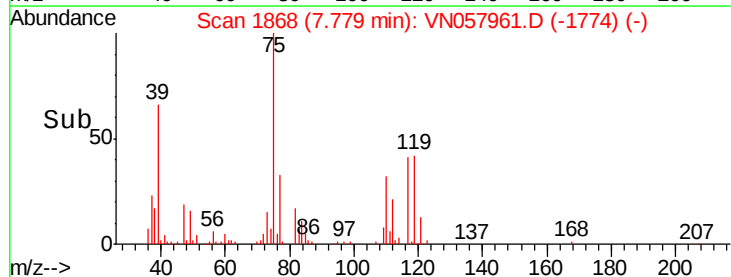
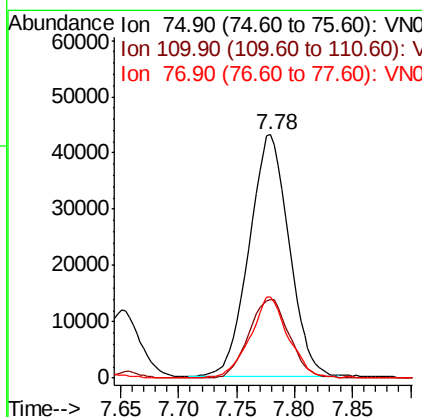
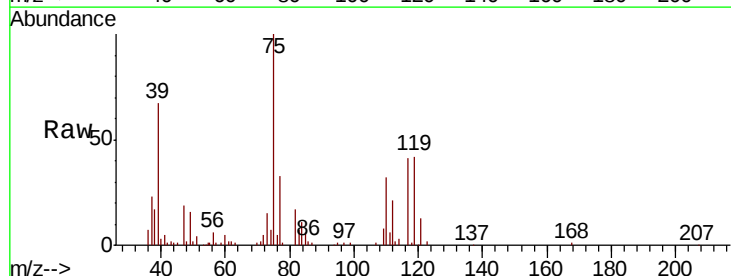
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.3	121.9
192	17.9	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 18.368 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.3	48.9
77	32.1	25.0	37.4

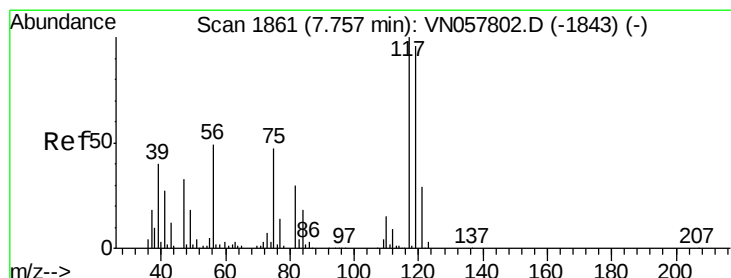
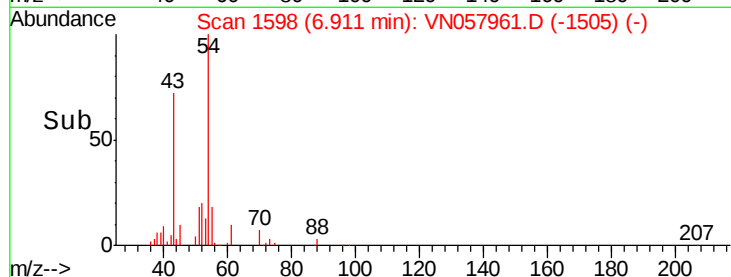
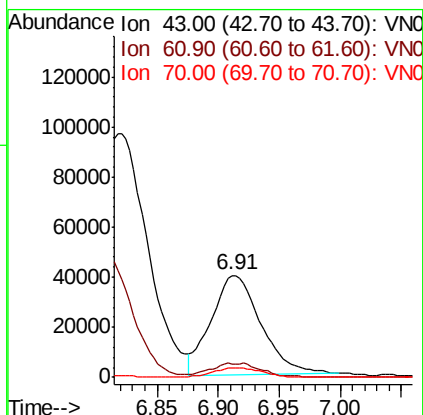
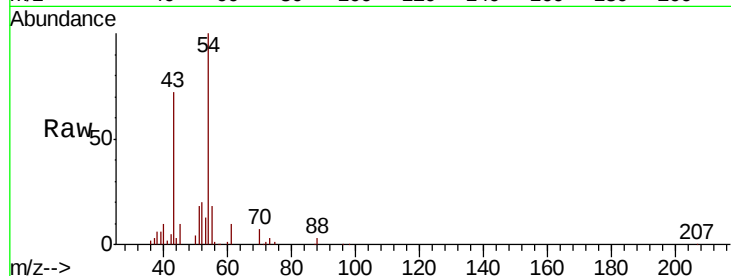




#37
Ethyl Acetate
Concen: 19.443 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

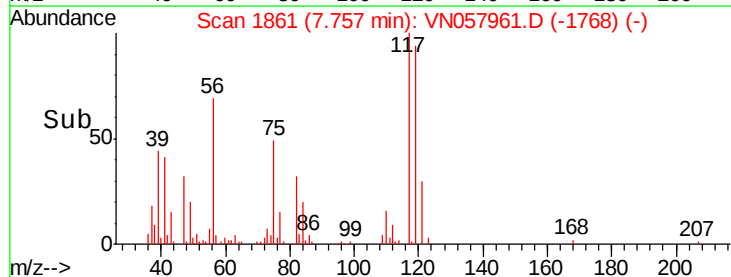
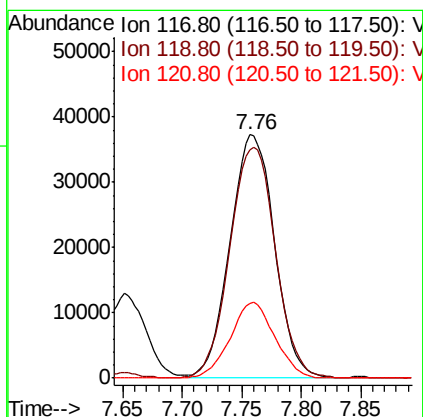
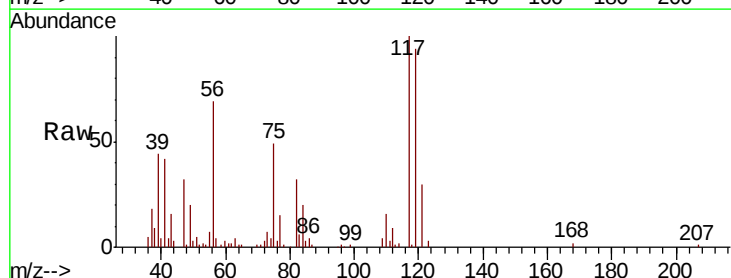
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

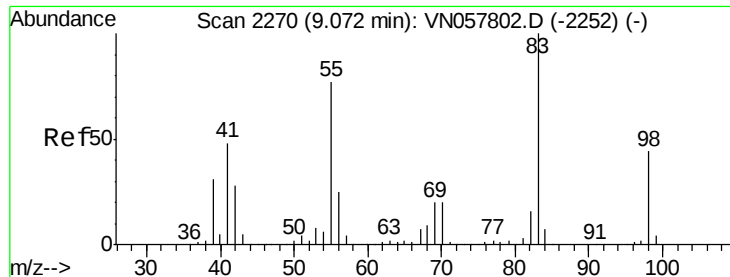
Tgt Ion: 43 Resp: 113025
Ion Ratio Lower Upper
43 100
61 5.2 10.5 15.7#
70 9.5 7.4 11.0



#38
Carbon Tetrachloride
Concen: 18.821 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

Tgt Ion: 117 Resp: 96683
Ion Ratio Lower Upper
117 100
119 93.9 76.9 115.3
121 30.5 23.4 35.2

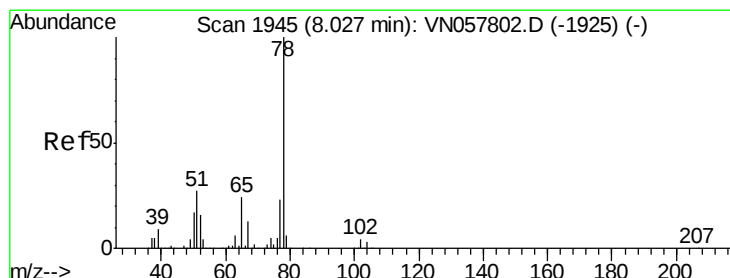
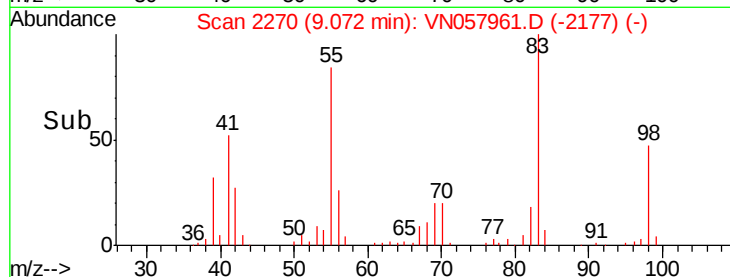
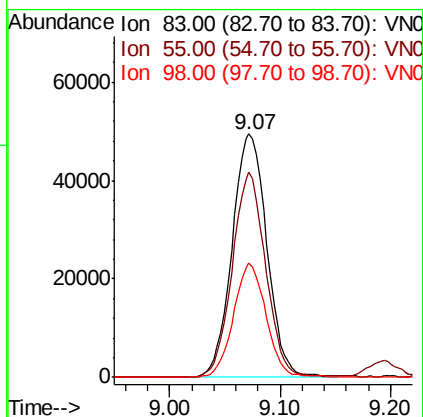
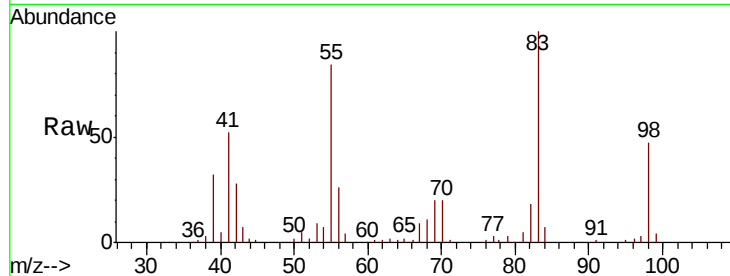




#39
Methylcyclohexane
Concen: 18.276 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

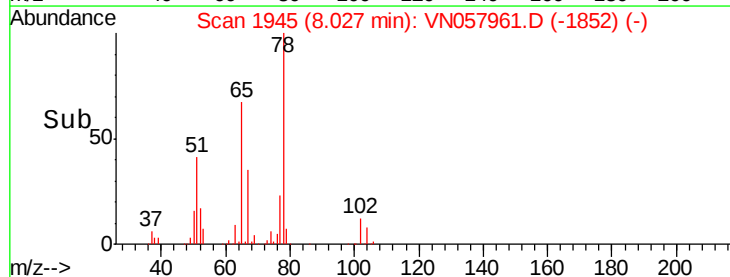
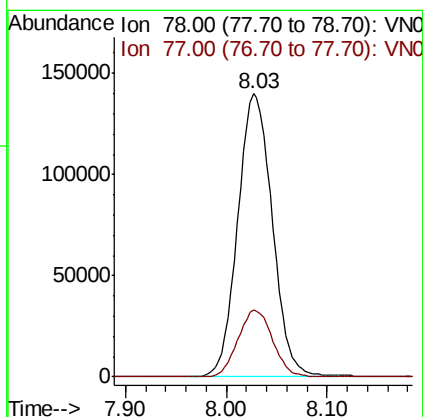
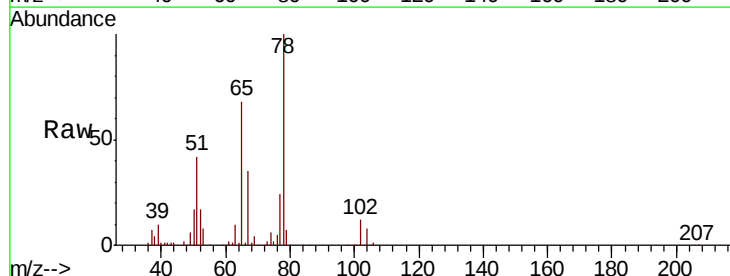
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

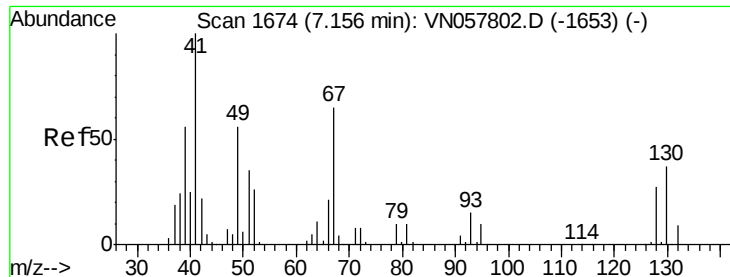
Tgt Ion: 83 Resp: 108101
Ion Ratio Lower Upper
83 100
55 84.5 61.6 92.4
98 46.9 34.9 52.3



#40
Benzene
Concen: 19.594 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

Tgt Ion: 78 Resp: 331912
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5





#41

Methacrylonitrile

Concen: 20.326 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

Tgt Ion: 41 Resp: 53636

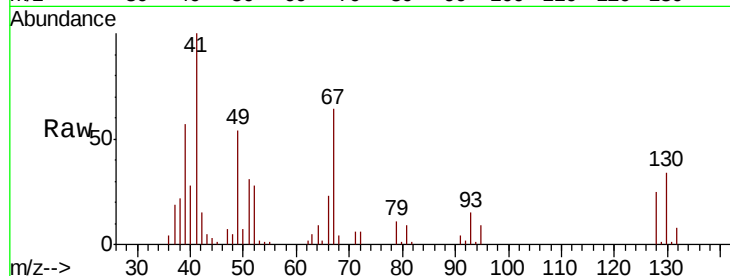
Ion Ratio Lower Upper

41 100

39 68.3 51.0 76.6

67 86.5 70.7 106.1

52 35.7 30.8 46.2

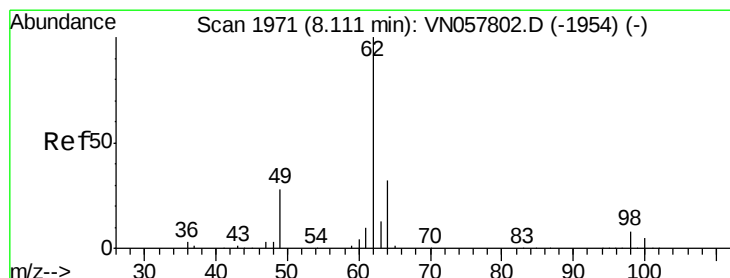
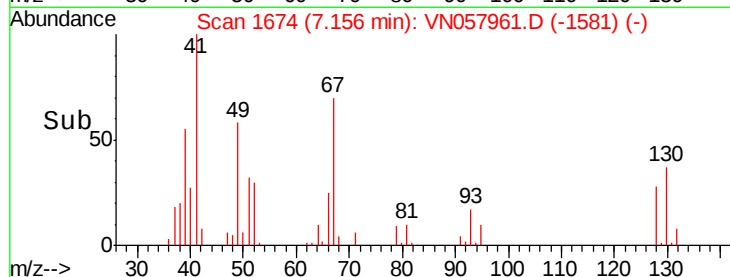
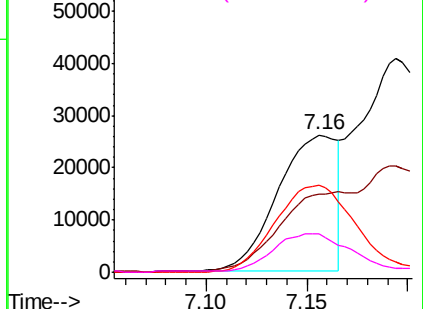


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 20.412 ug/l

RT: 8.11 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VN057961.D

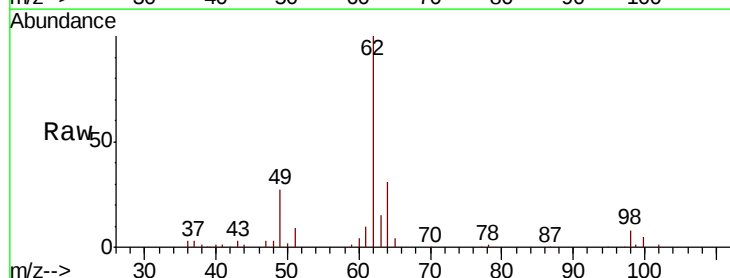
Acq: 12 Sep 2019 11:36

Tgt Ion: 62 Resp: 138285

Ion Ratio Lower Upper

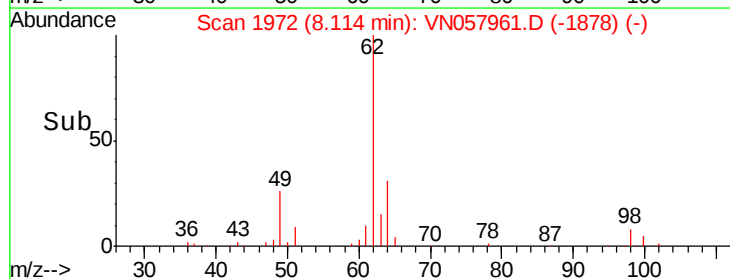
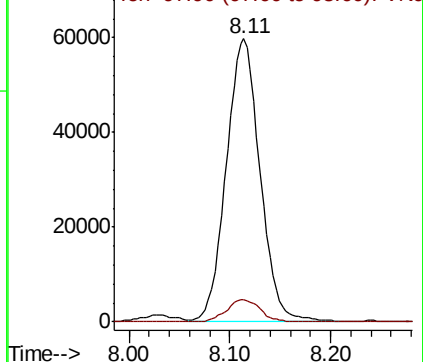
62 100

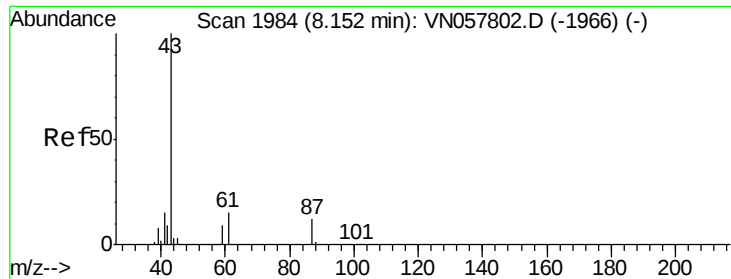
98 7.9 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.816 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

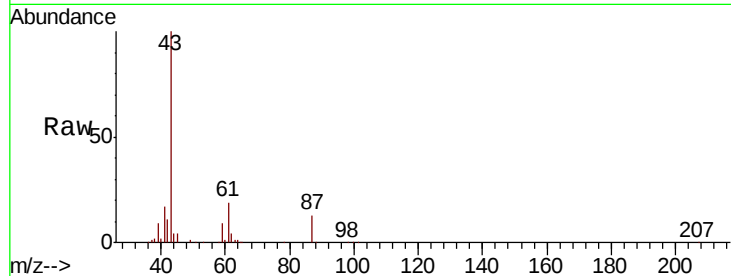
Tgt Ion: 43 Resp: 193723

Ion Ratio Lower Upper

43 100

61 24.9 20.1 30.1

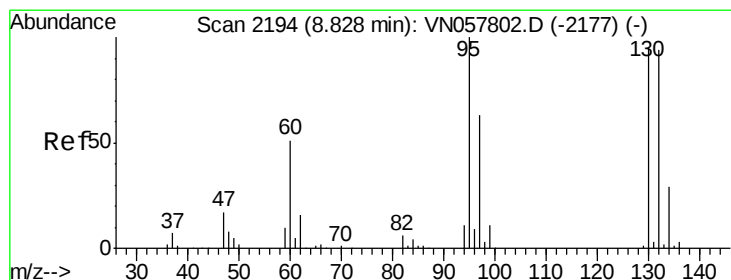
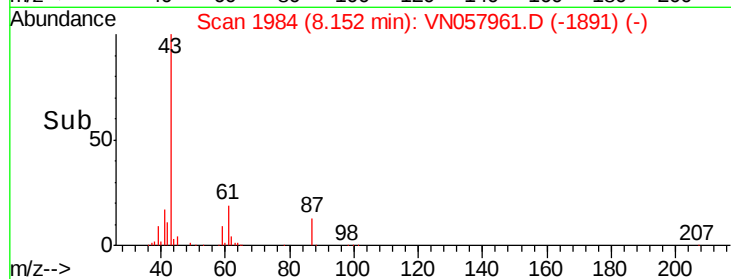
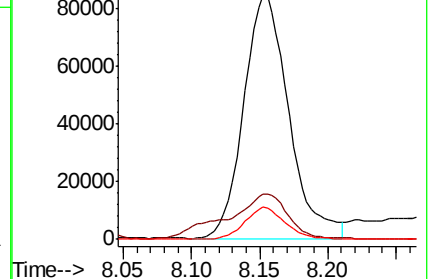
87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#44

Trichloroethene

Concen: 18.777 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057961.D

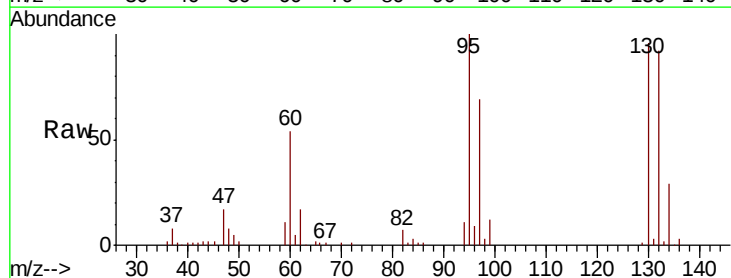
Acq: 12 Sep 2019 11:36

Tgt Ion: 130 Resp: 78013

Ion Ratio Lower Upper

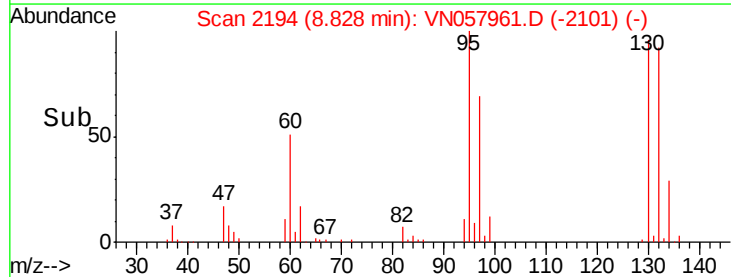
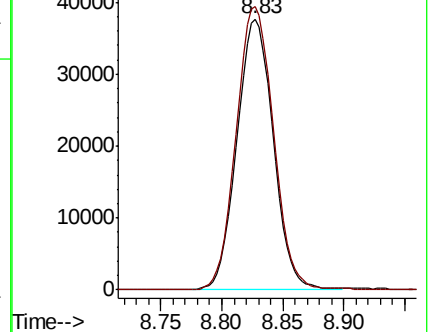
130 100

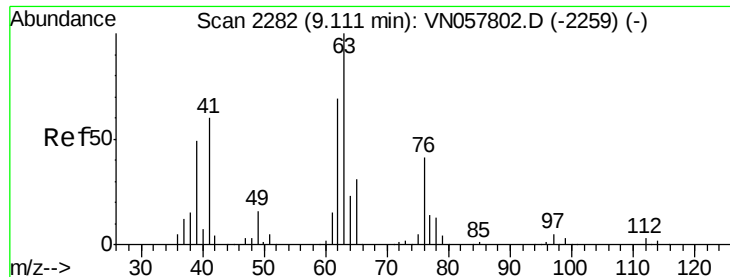
95 104.4 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)

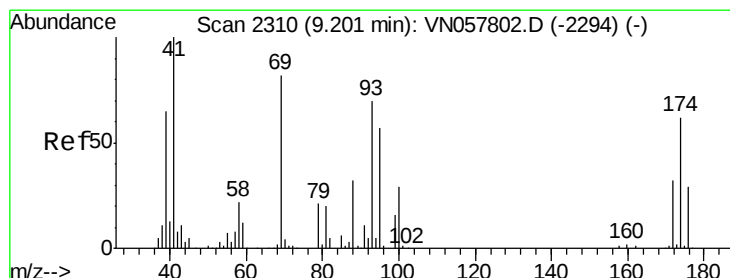
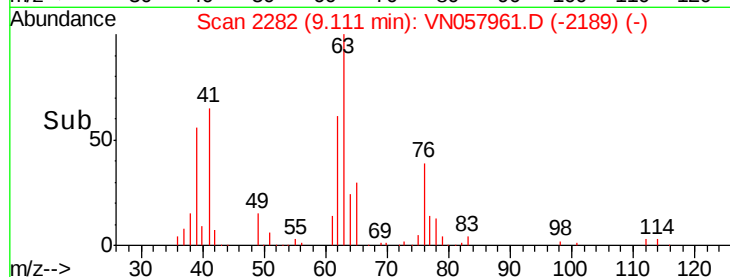
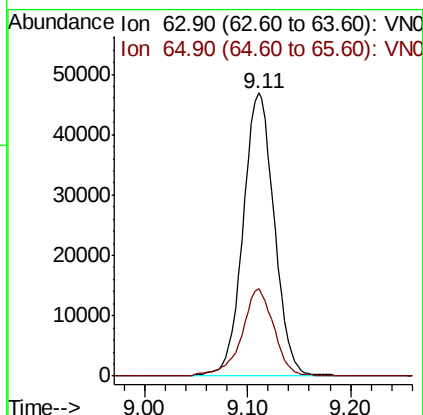
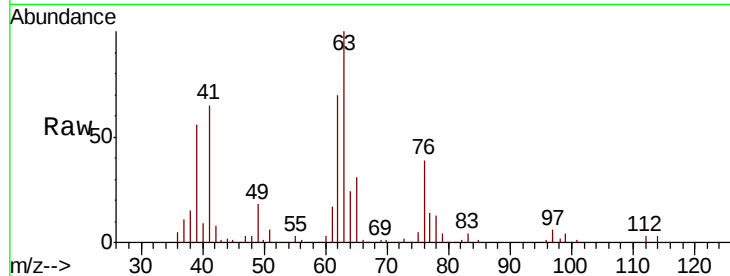




#45
 1,2-Dichloropropane
 Concen: 19.946 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

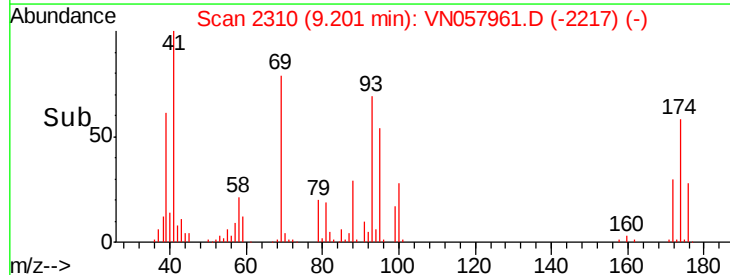
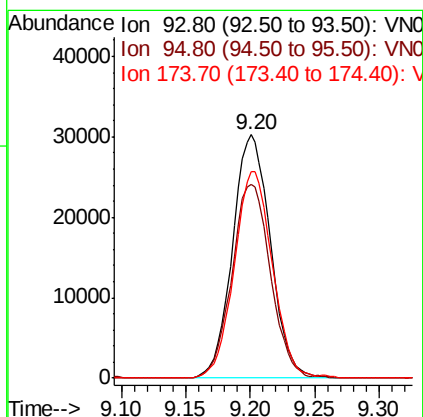
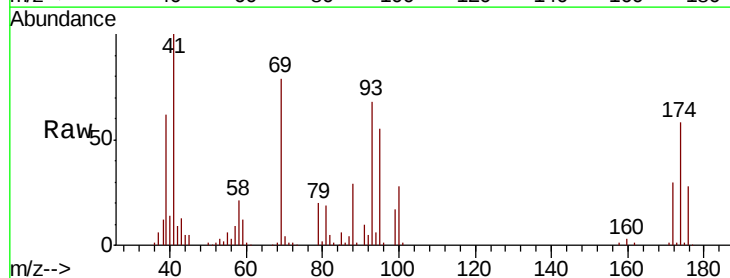
Instrument :
 MSVOA_N
 ClientSampled :
 VN0913WBS01

Tgt Ion: 63 Resp: 98314
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2



#46
 Dibromomethane
 Concen: 20.774 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion: 93 Resp: 61876
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.9 98.9
 174 85.7 71.8 107.6





#47

Bromodichloromethane

Concen: 19.491 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

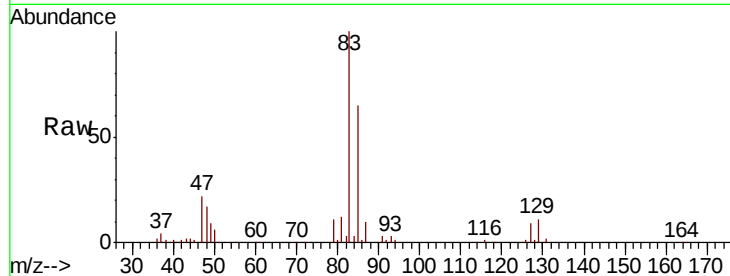
Tgt Ion: 83 Resp: 115930

Ion Ratio Lower Upper

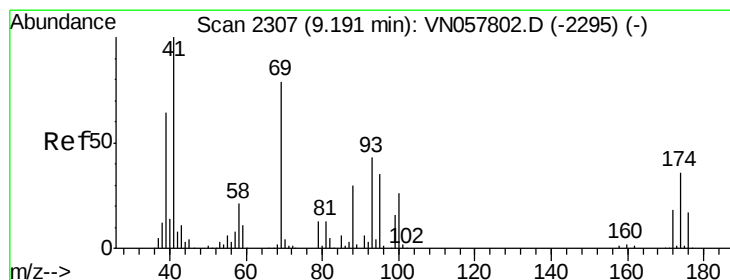
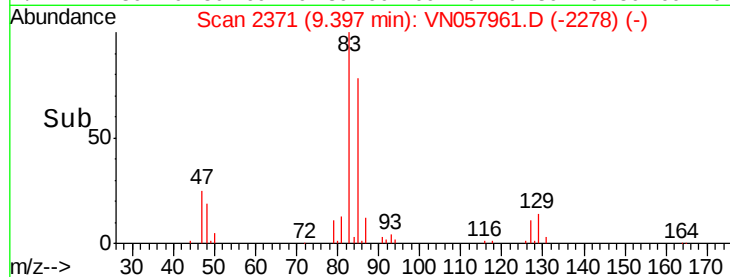
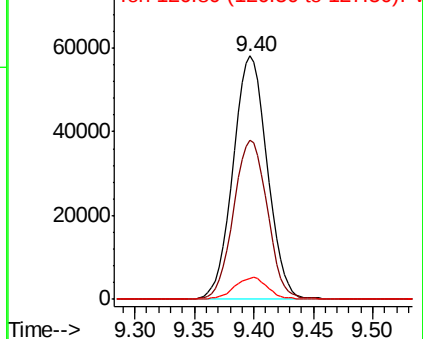
83 100

85 65.1 49.9 74.9

127 8.8 6.5 9.7



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: 19.512 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

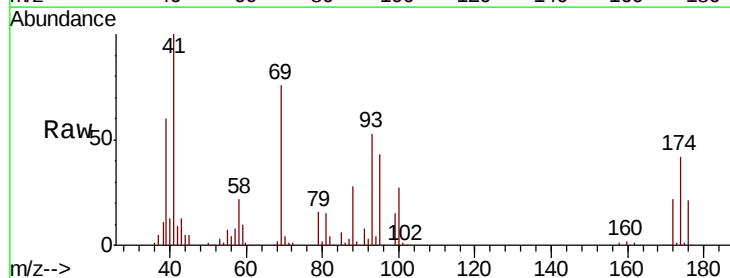
Tgt Ion: 41 Resp: 96759

Ion Ratio Lower Upper

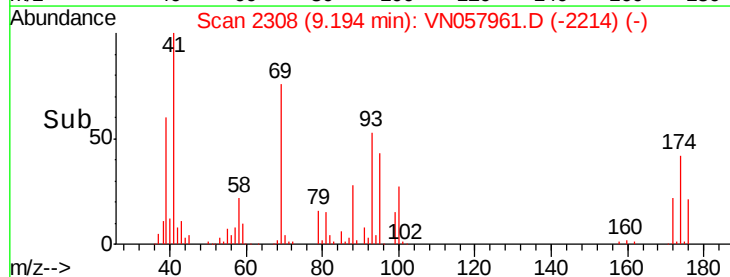
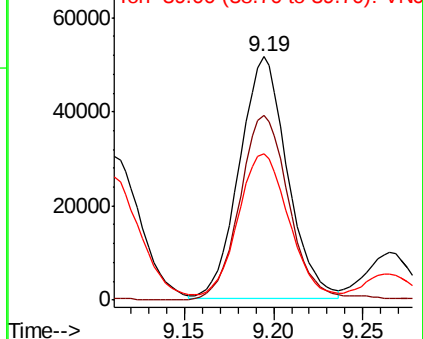
41 100

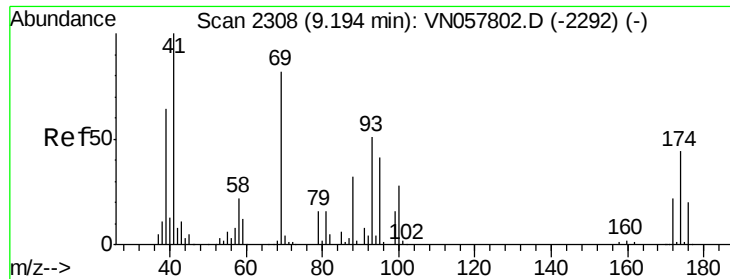
69 79.1 62.7 94.1

39 64.7 52.7 79.1



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: 379.745 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

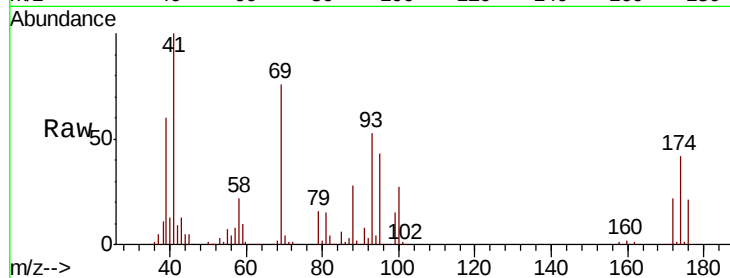
Tgt Ion: 88 Resp: 31846

Ion Ratio Lower Upper

88 100

43 39.6 28.5 42.7

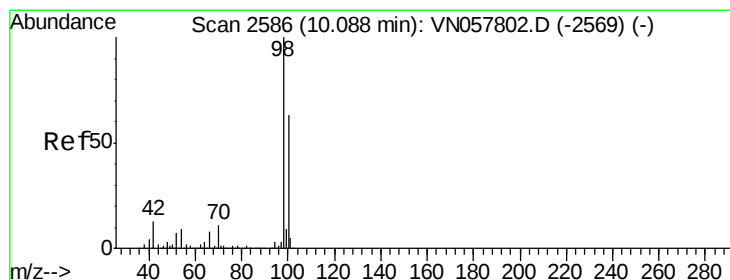
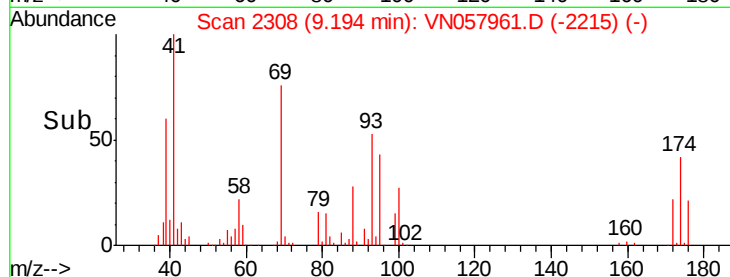
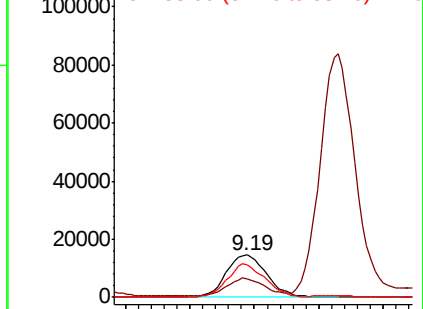
58 74.4 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 53.367 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057961.D

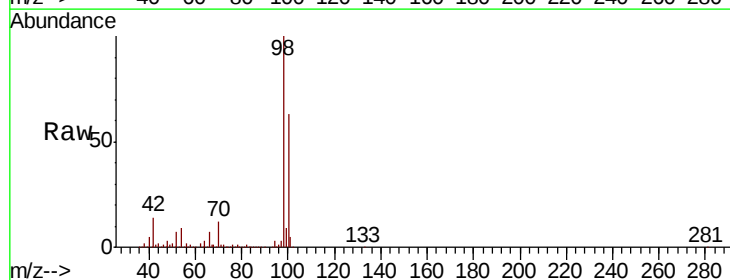
Acq: 12 Sep 2019 11:36

Tgt Ion: 98 Resp: 927796

Ion Ratio Lower Upper

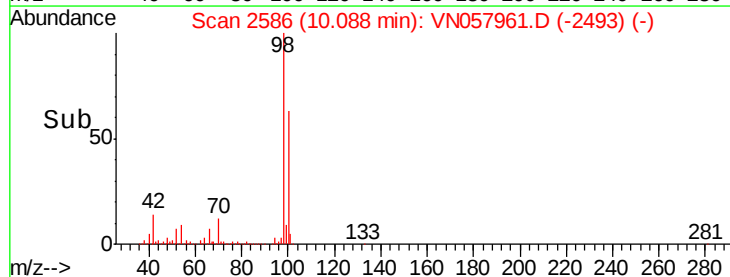
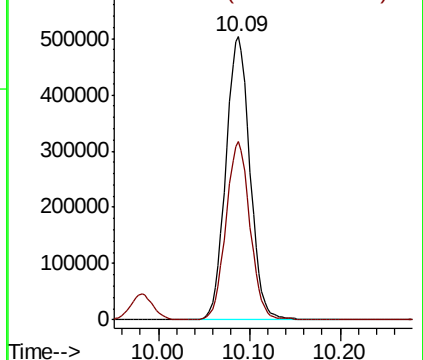
98 100

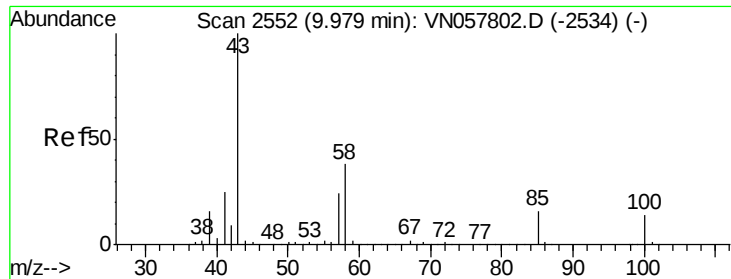
100 62.6 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

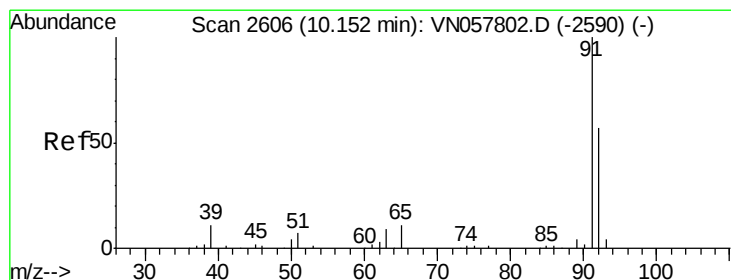
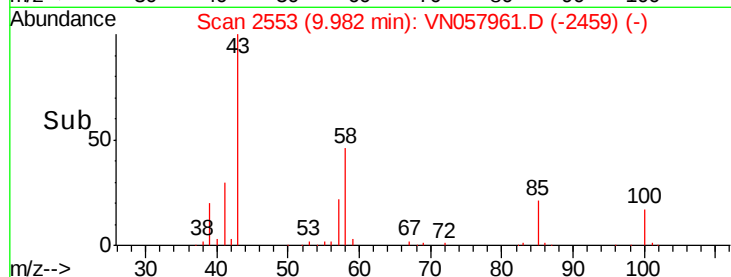
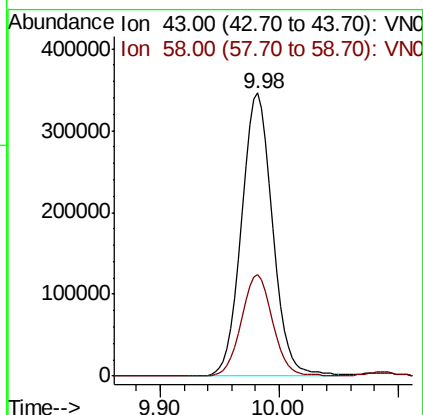
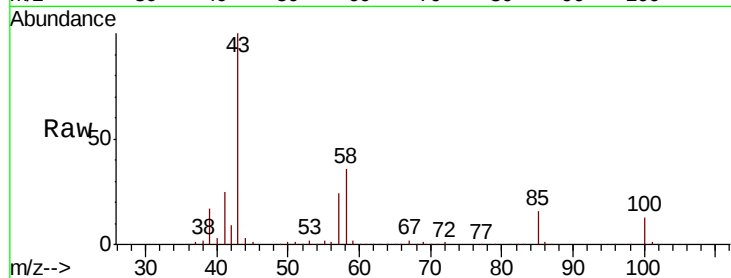




#51
 4-Methyl-2-Pentanone
 Concen: 107.915 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

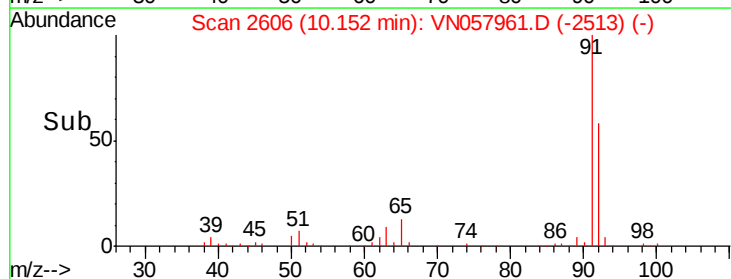
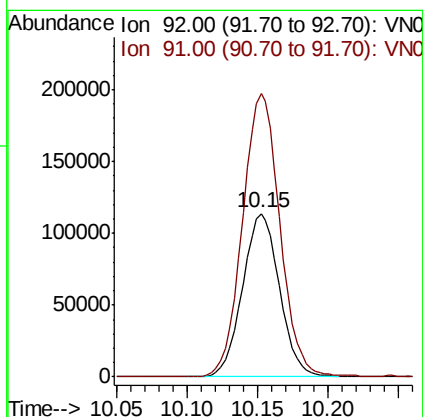
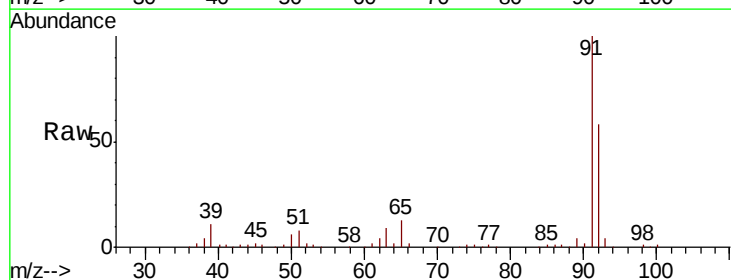
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

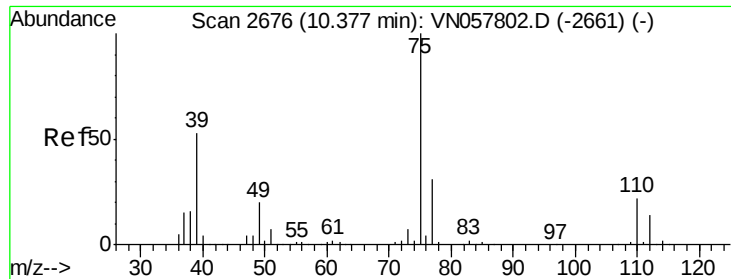
Tgt Ion: 43 Resp: 624303
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.8 44.6



#52
 Toluene
 Concen: 19.552 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion: 92 Resp: 208600
 Ion Ratio Lower Upper
 92 100
 91 175.9 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 18.473 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

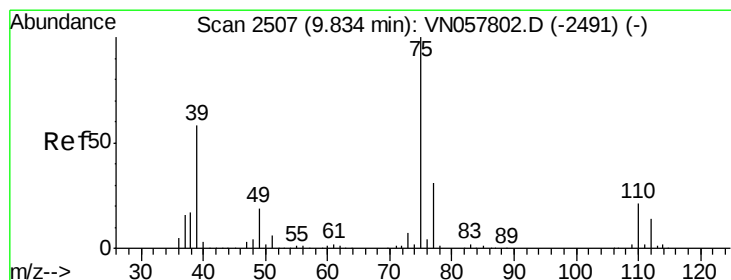
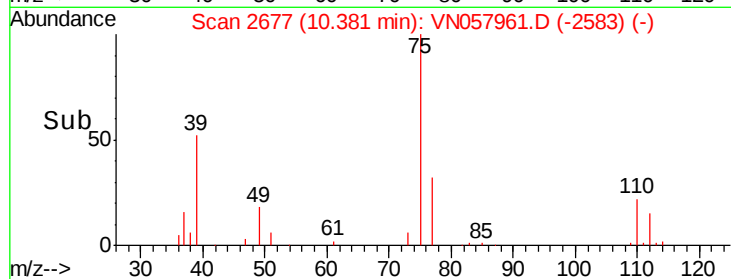
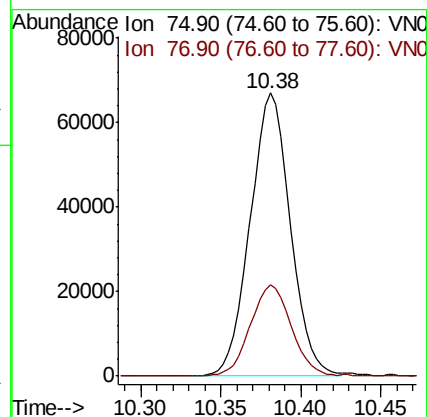
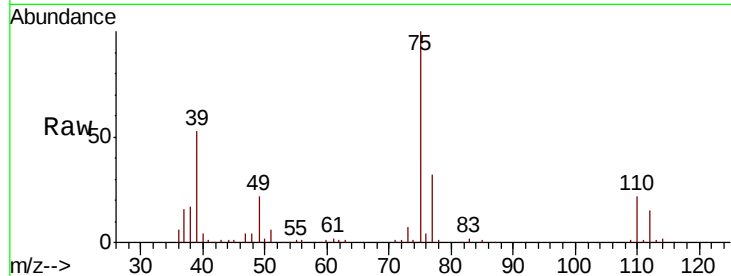
VN0913WBS01

Tgt Ion: 75 Resp: 115706

Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 18.683 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

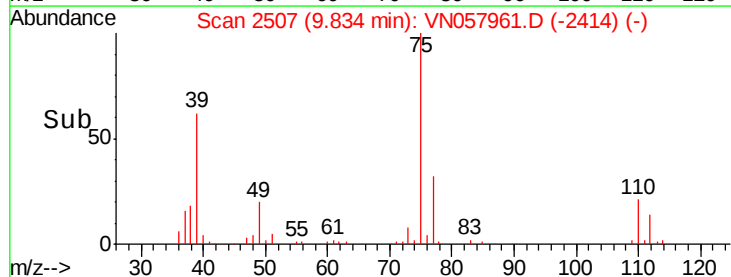
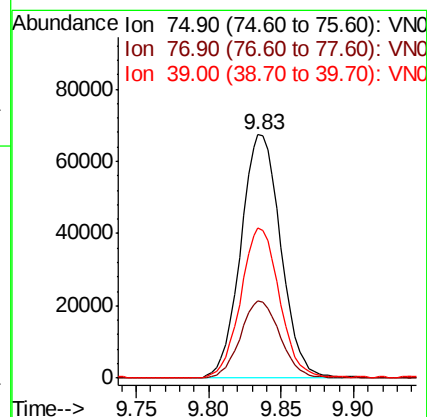
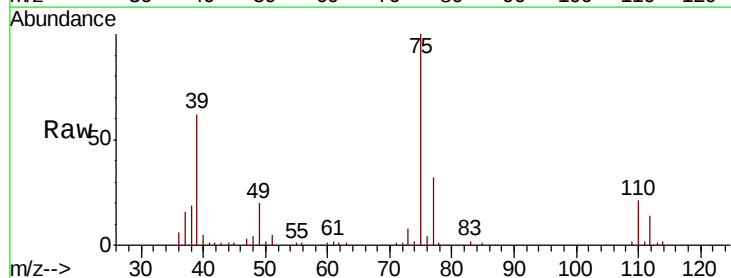
Tgt Ion: 75 Resp: 129201

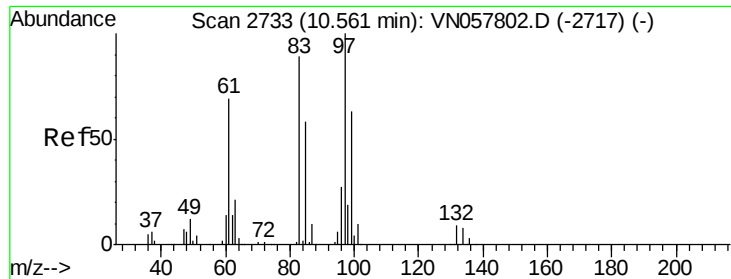
Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 61.5 46.2 69.4

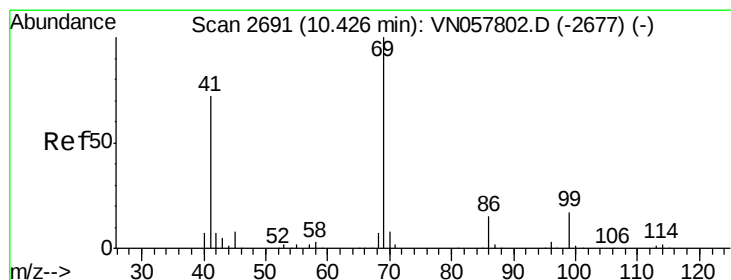
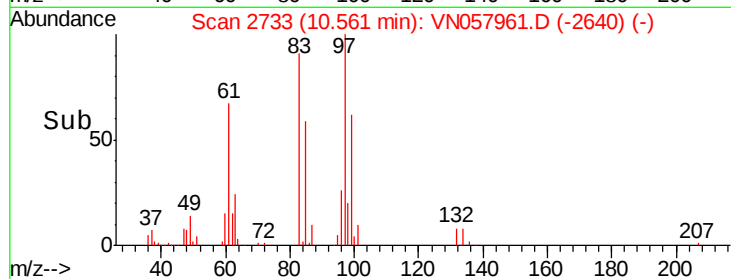
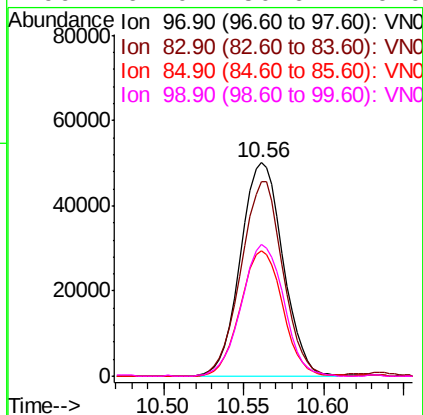
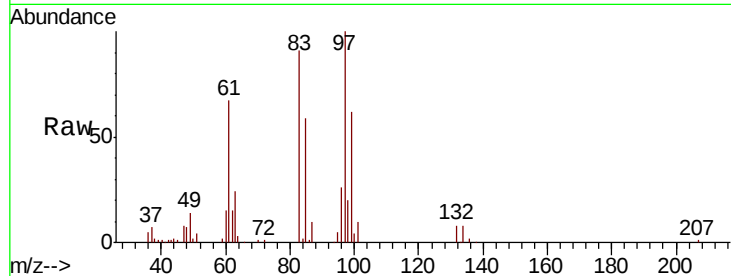




#55
 1,1,2-Trichloroethane
 Concen: 20.175 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

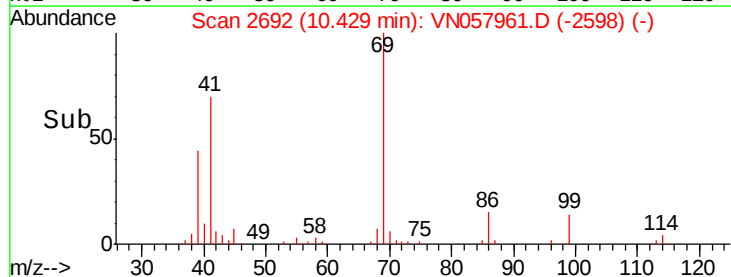
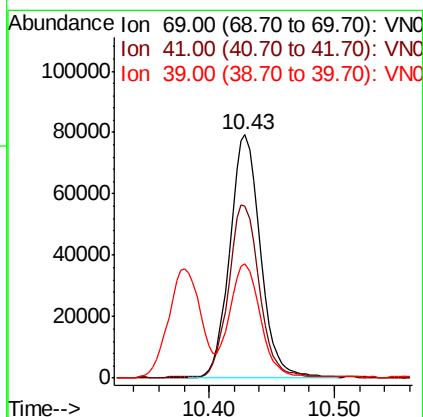
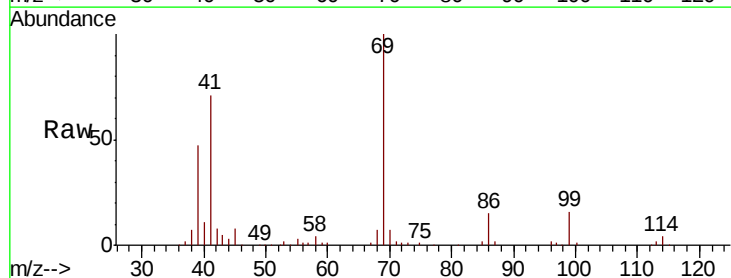
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

Tgt Ion: 97 Resp: 91178
 Ion Ratio Lower Upper
 97 100
 83 91.2 70.8 106.2
 85 58.7 46.0 69.0
 99 62.0 50.6 76.0



#56
 Ethyl methacrylate
 Concen: 19.838 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion: 69 Resp: 135008
 Ion Ratio Lower Upper
 69 100
 41 69.9 56.7 85.1
 39 45.8 36.3 54.5

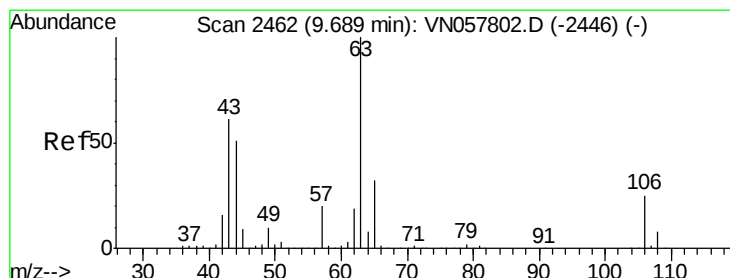
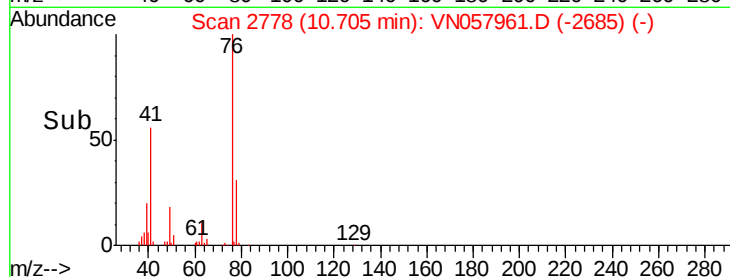
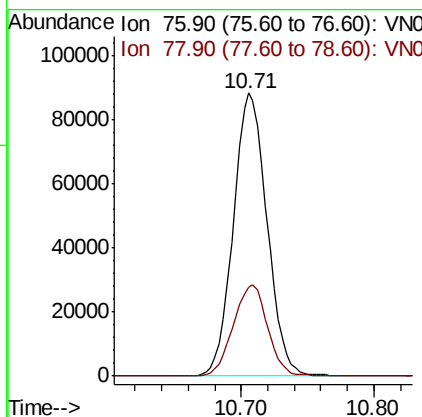
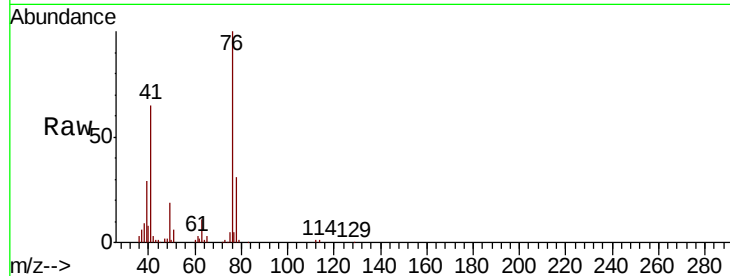




#57
 1,3-Dichloropropane
 Concen: 19.978 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

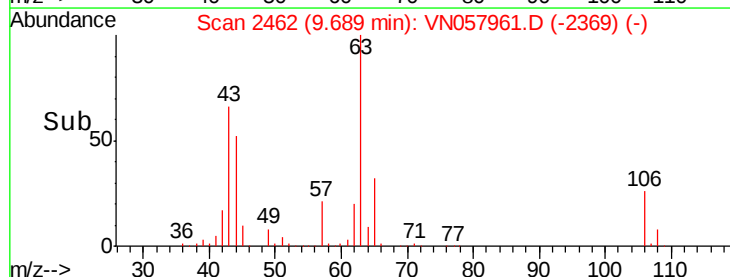
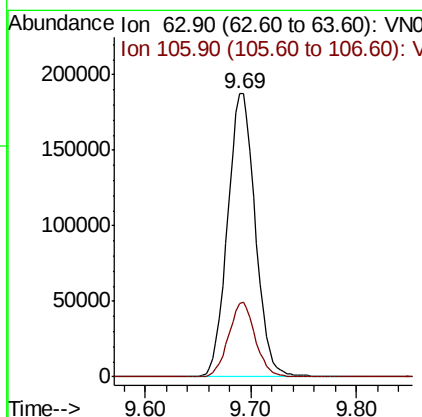
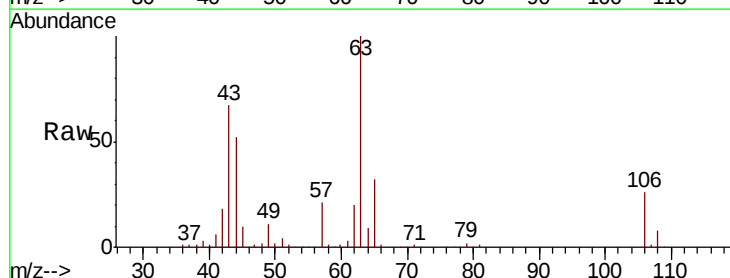
Instrument :
 MSVOA_N
 ClientSampled :
 VN0913WBS01

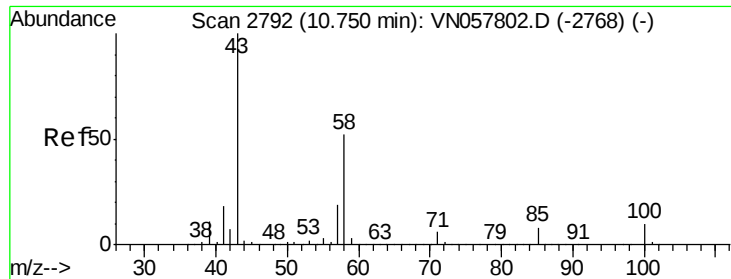
Tgt Ion: 76 Resp: 155599
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.306 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion: 63 Resp: 340752
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.0 30.0

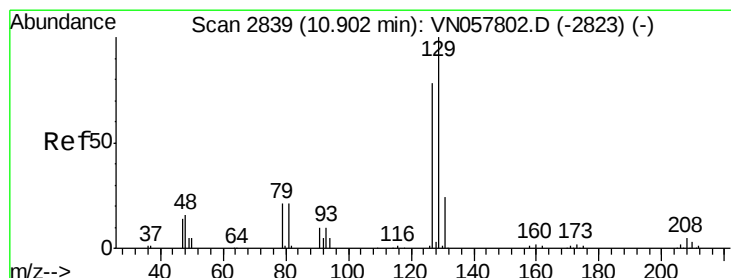
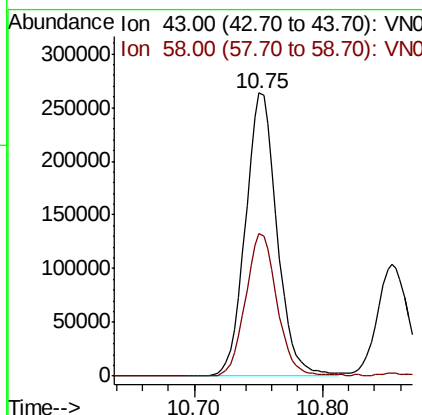
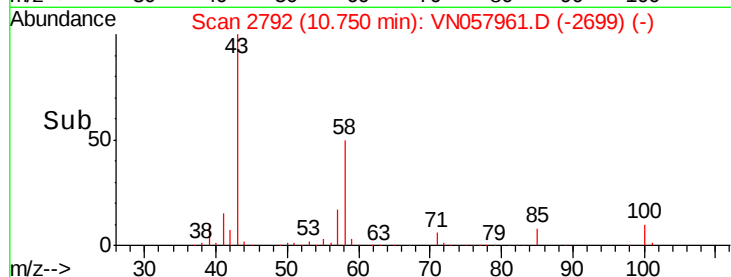
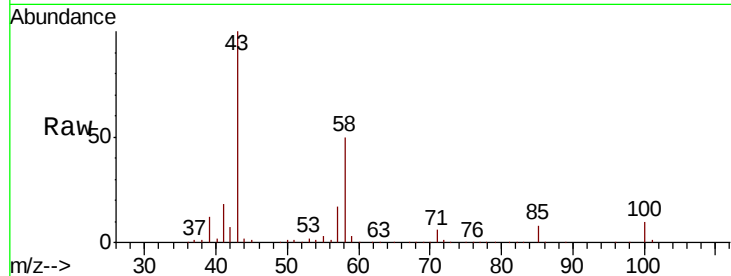




#59
2-Hexanone
Concen: 103.062 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

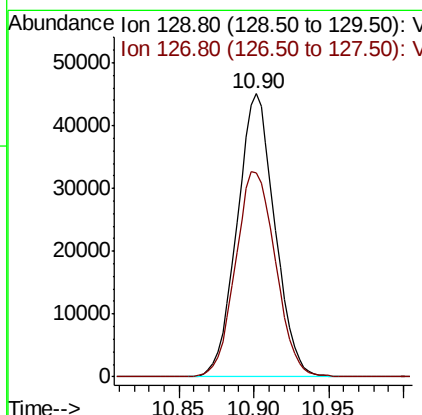
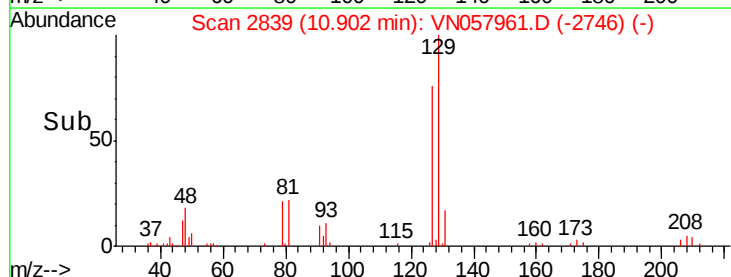
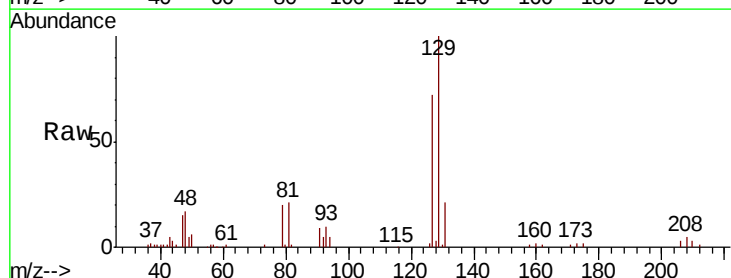
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

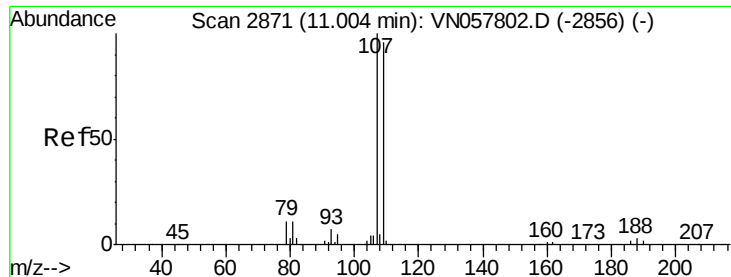
Tgt Ion: 43 Resp: 446895
Ion Ratio Lower Upper
43 100
58 50.6 25.6 76.8



#60
Dibromochloromethane
Concen: 18.827 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

Tgt Ion: 129 Resp: 79011
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

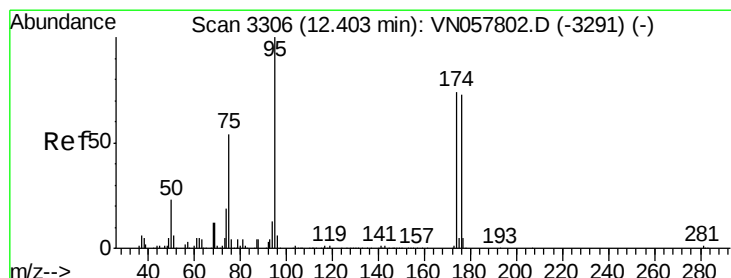
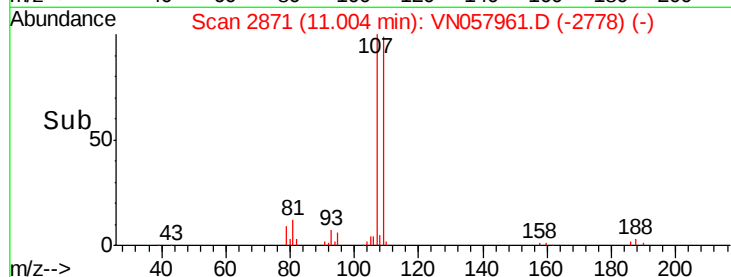
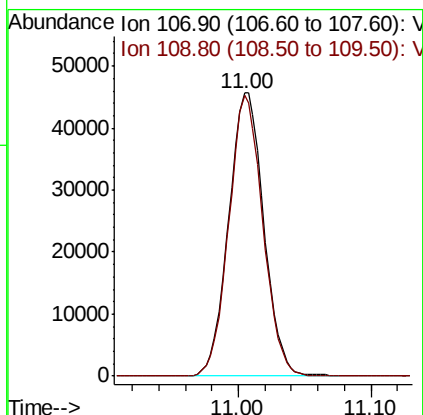
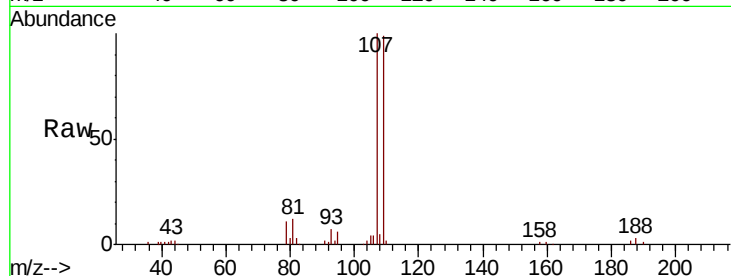




#61
 1,2-Dibromoethane
 Concen: 19.645 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

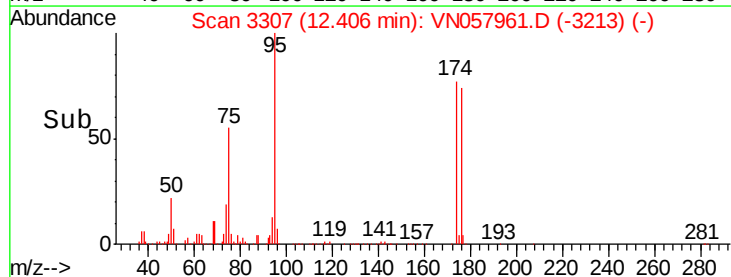
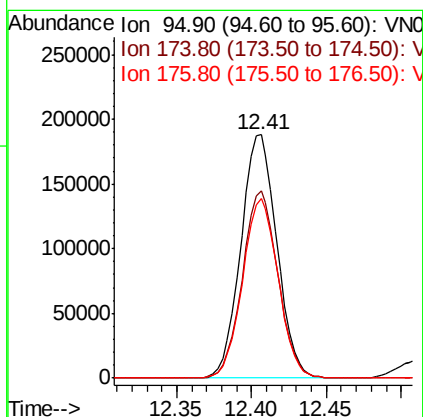
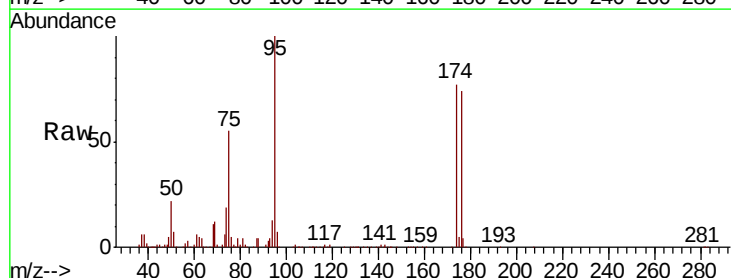
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

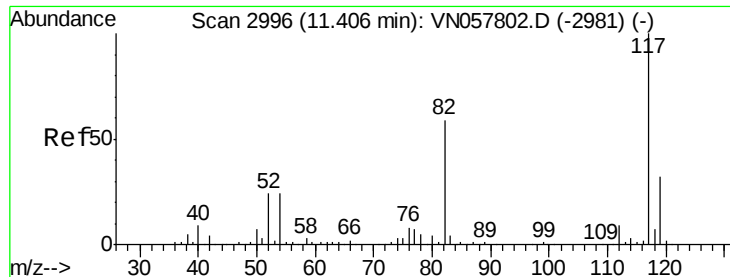
Tgt Ion: 107 Resp: 83935
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 47.650 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion: 95 Resp: 315693
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 150.2
 176 72.9 0.0 146.0

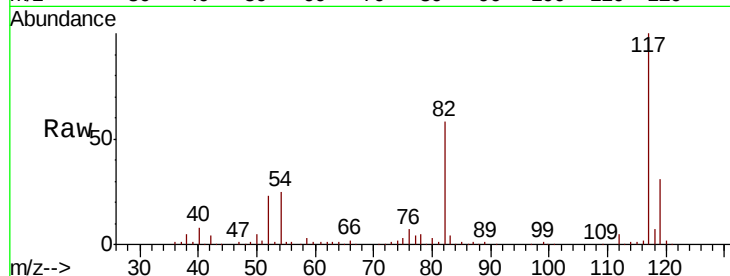




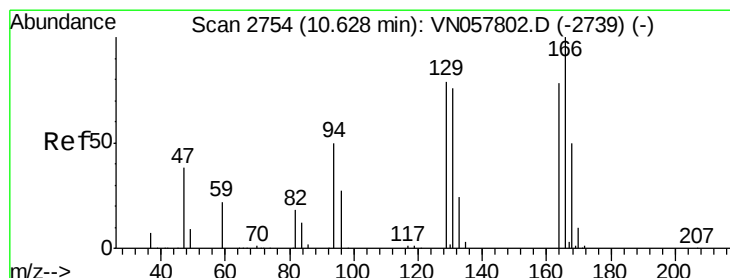
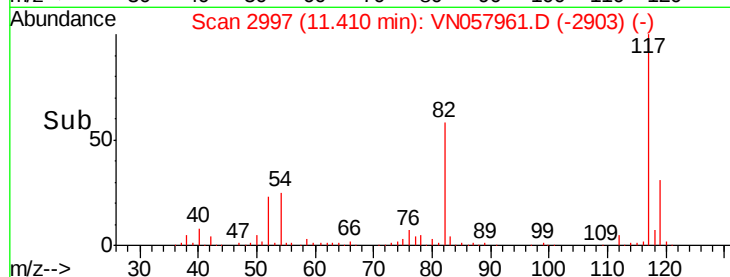
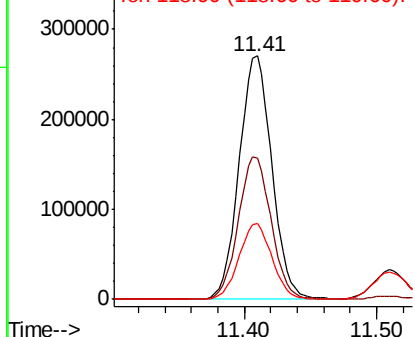
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion:117 Resp: 464075
Ion Ratio Lower Upper
117 100
82 57.9 47.2 70.8
119 31.0 25.3 37.9

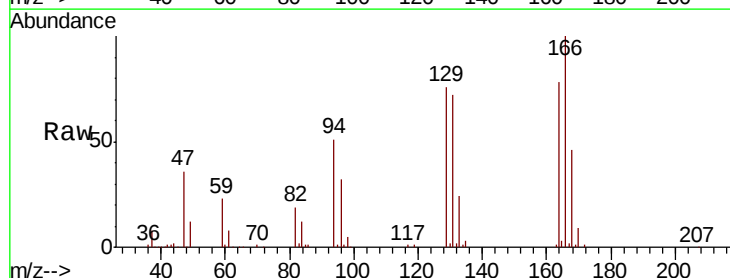


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

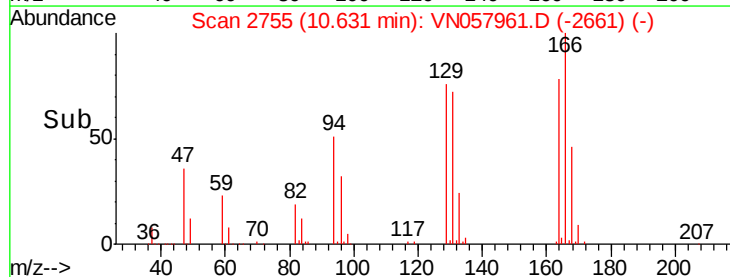
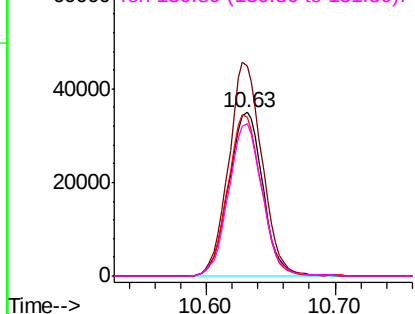


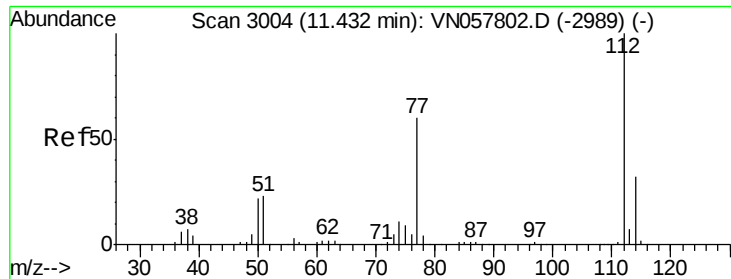
#64
Tetrachloroethene
Concen: 18.855 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

Tgt Ion:164 Resp: 64605
Ion Ratio Lower Upper
164 100
166 128.6 102.2 153.2
129 97.3 80.8 121.2
131 92.9 77.4 116.2



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

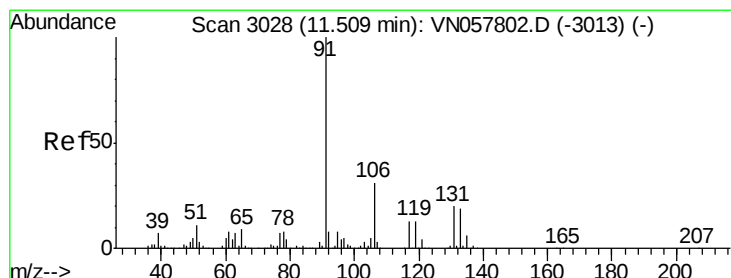
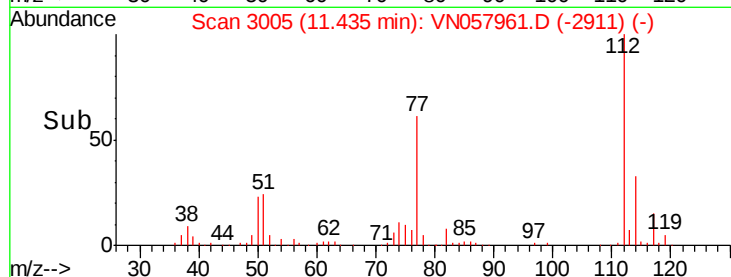
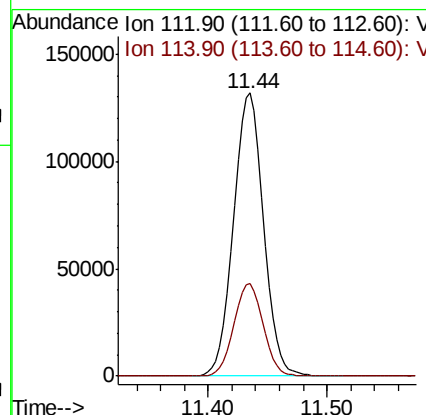
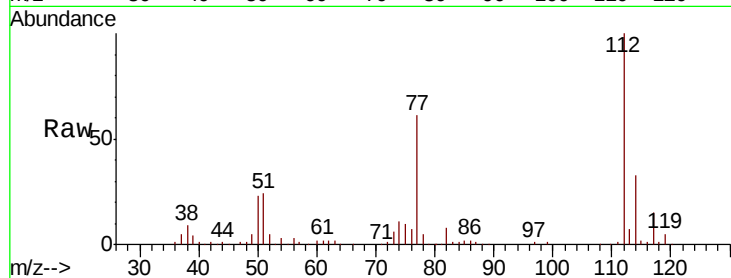




#65
Chlorobenzene
Concen: 18.952 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

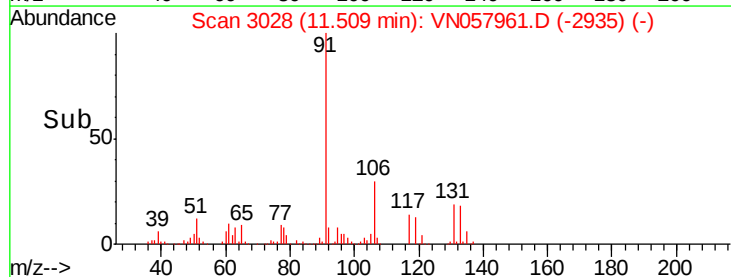
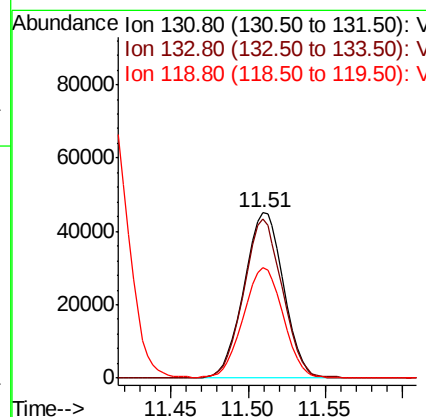
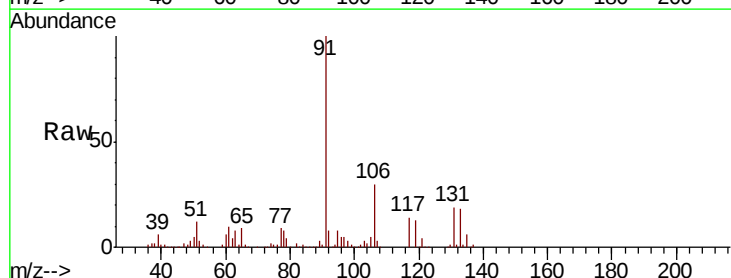
Instrument :
MSVOA_N
ClientSampled :
VN0913WBS01

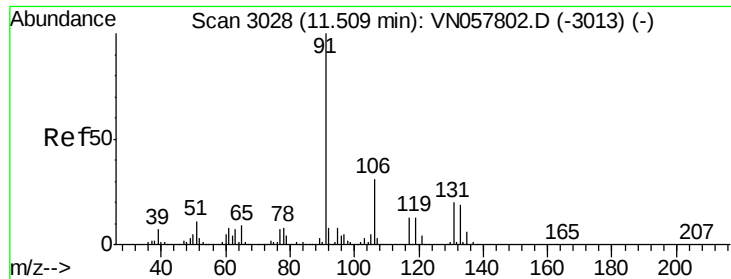
Tgt Ion:112 Resp: 230179
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.083 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

Tgt Ion:131 Resp: 80422
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 67.6 33.3 99.8

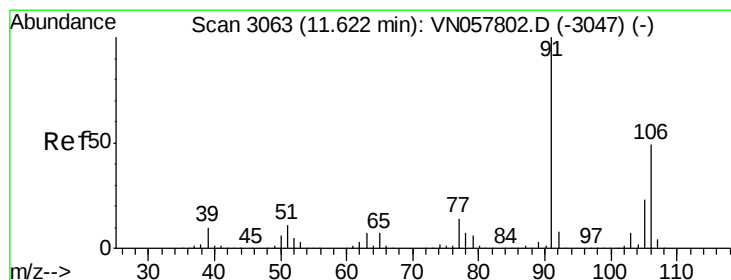
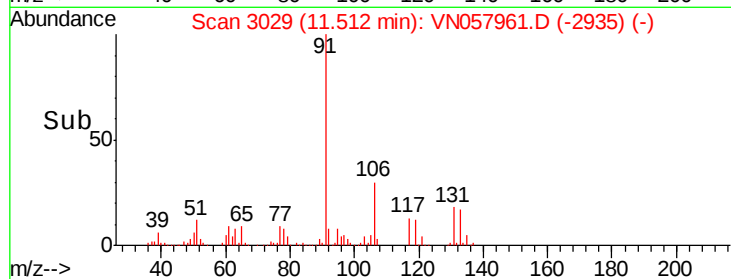
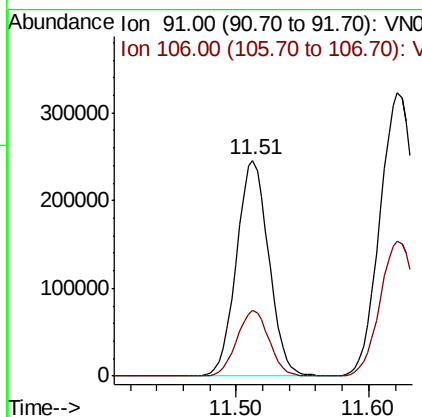
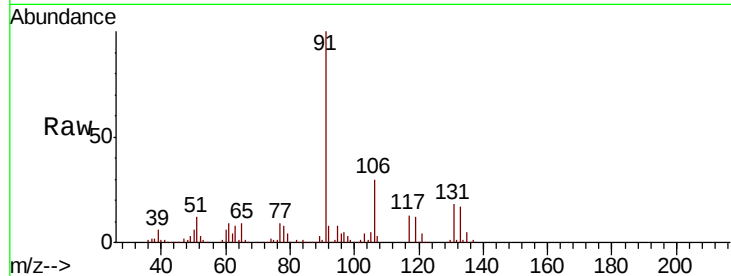




#67
Ethyl Benzene
Concen: 19.531 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

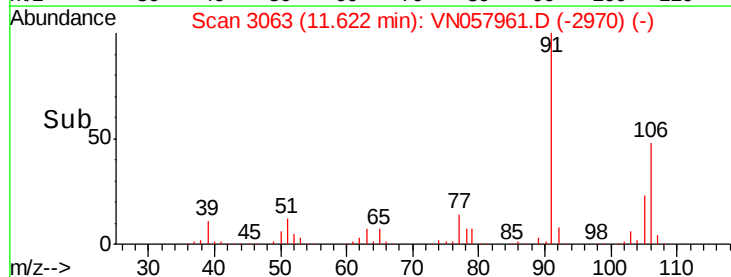
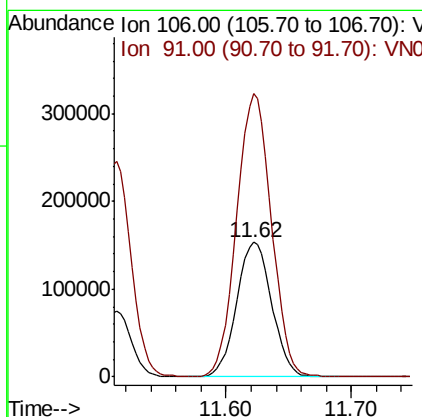
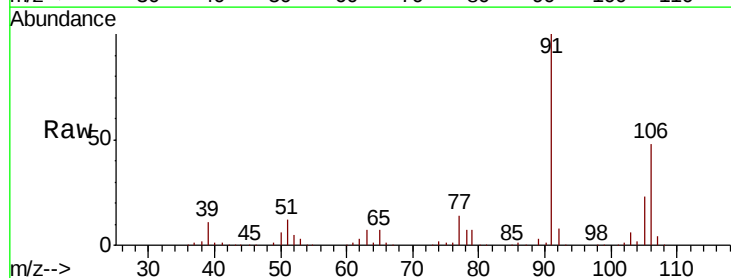
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

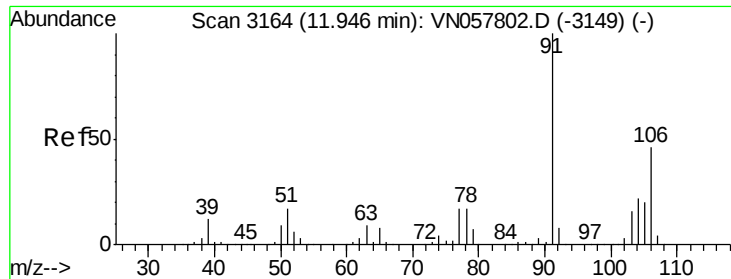
Tgt Ion: 91 Resp: 415724
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6



#68
m/p-Xylenes
Concen: 38.105 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

Tgt Ion: 106 Resp: 297095
Ion Ratio Lower Upper
106 100
91 209.2 165.8 248.6

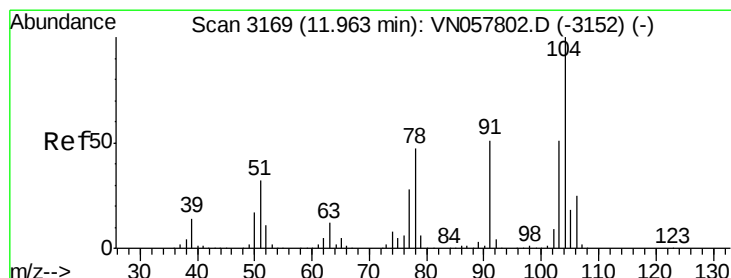
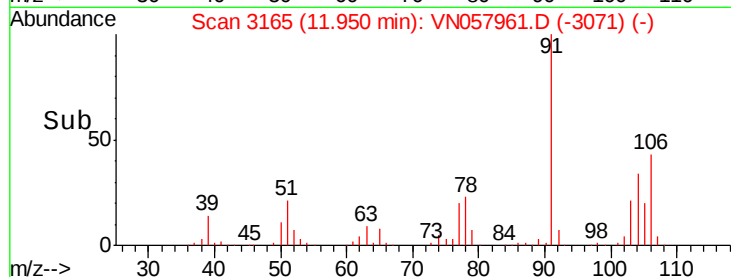
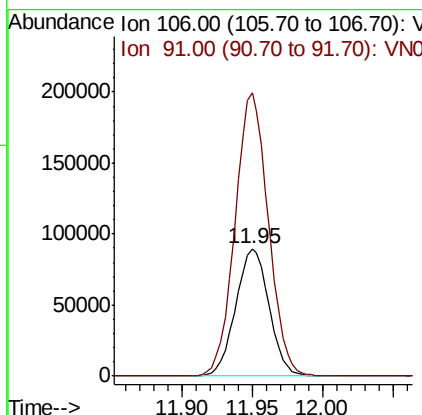
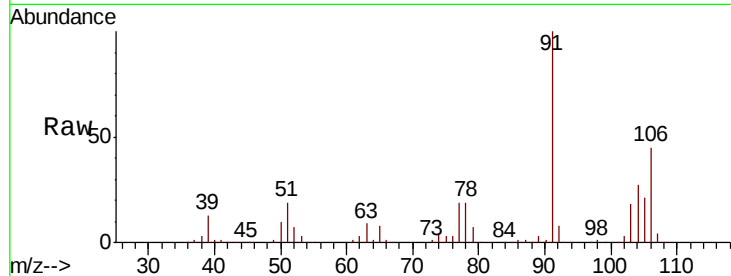




#69
o-Xylene
Concen: 19.152 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

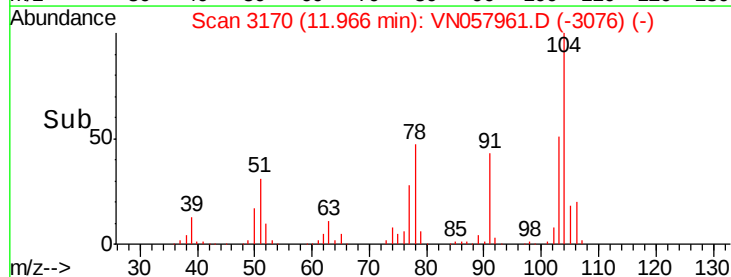
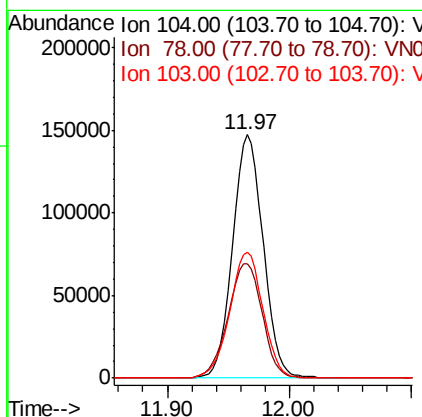
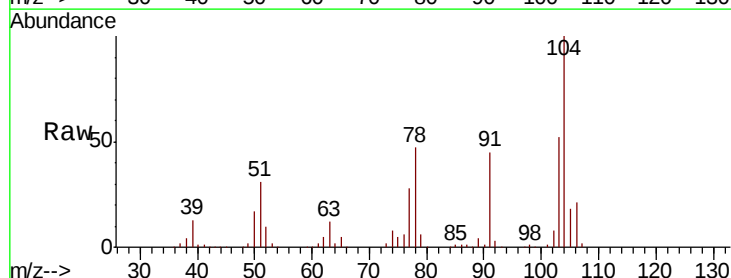
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

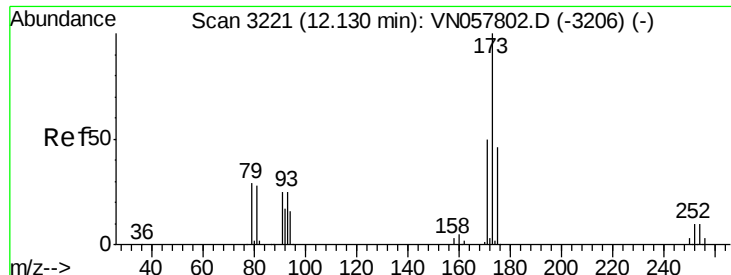
Tgt Ion:106 Resp: 148446
Ion Ratio Lower Upper
106 100
91 222.5 108.7 326.1



#70
Styrene
Concen: 19.223 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057961.D
Acq: 12 Sep 2019 11:36

Tgt Ion:104 Resp: 256423
Ion Ratio Lower Upper
104 100
78 53.0 41.3 61.9
103 56.1 43.7 65.5





#71

Bromoform

Concen: 18.003 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

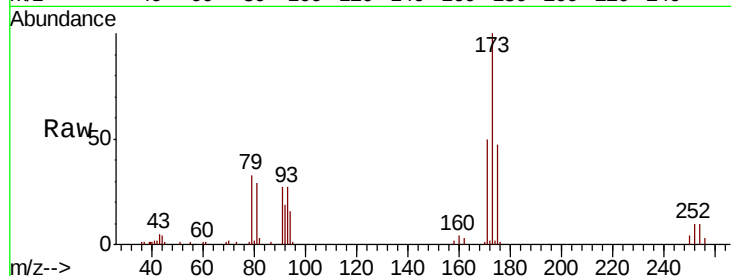
Tgt Ion:173 Resp: 47302

Ion Ratio Lower Upper

173 100

175 48.1 23.5 70.6

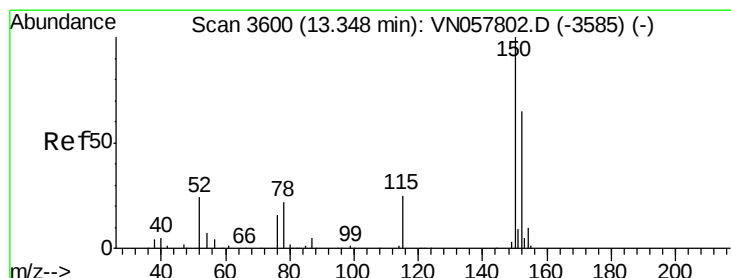
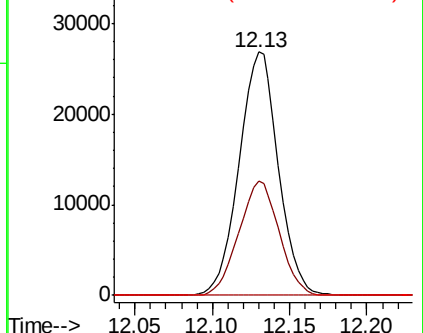
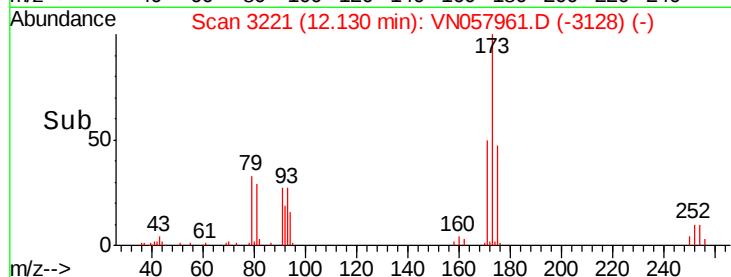
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

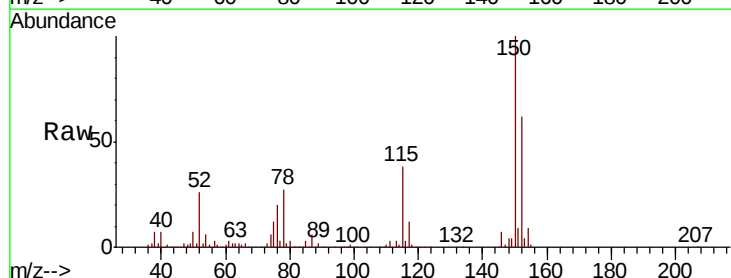
Tgt Ion:152 Resp: 262805

Ion Ratio Lower Upper

152 100

115 61.1 30.3 91.0

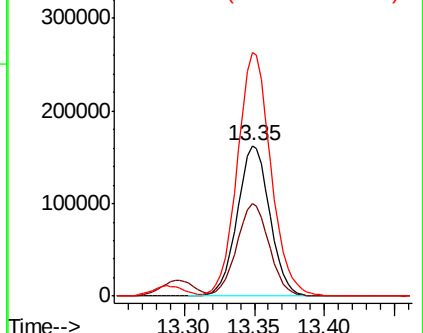
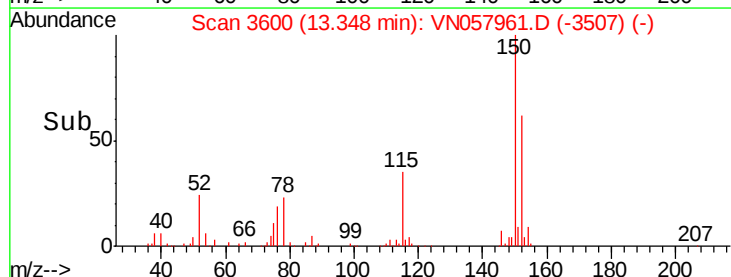
150 166.5 0.0 352.4

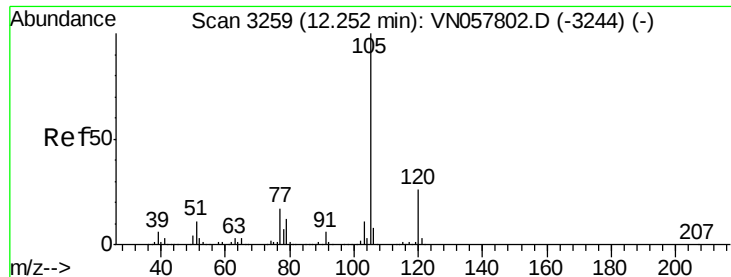


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.256 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

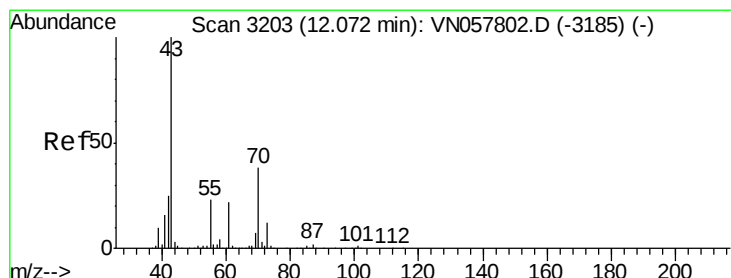
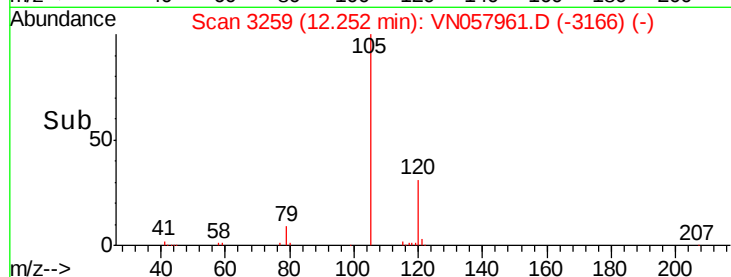
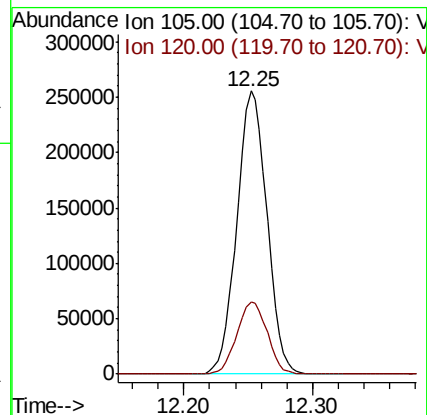
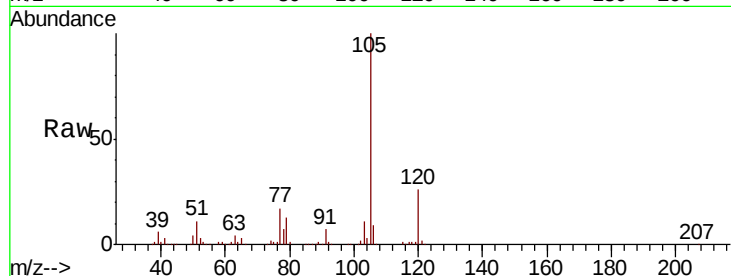
VN0913WBS01

Tgt Ion: 105 Resp: 413082

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 19.515 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Tgt Ion: 43 Resp: 173198

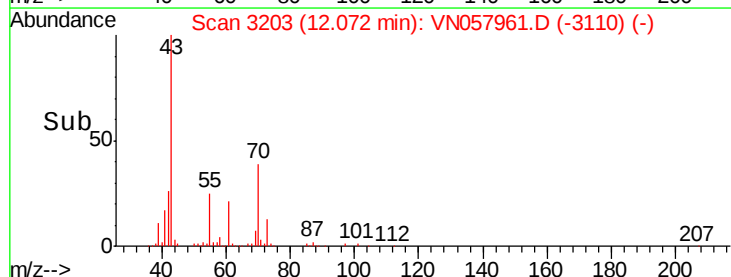
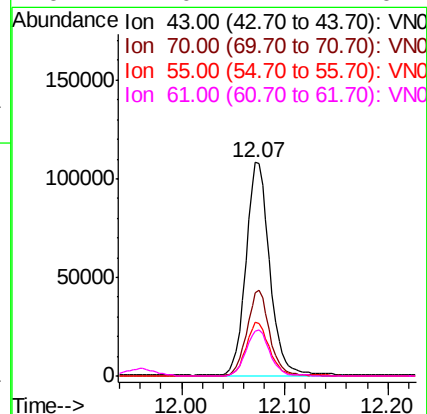
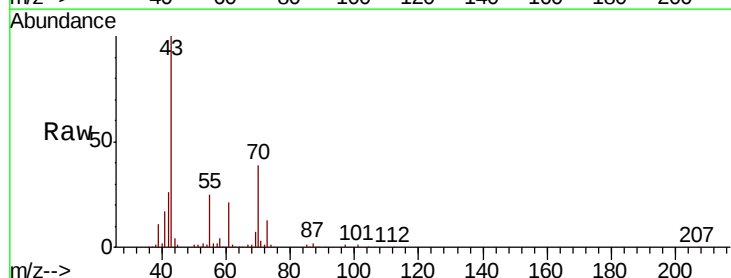
Ion Ratio Lower Upper

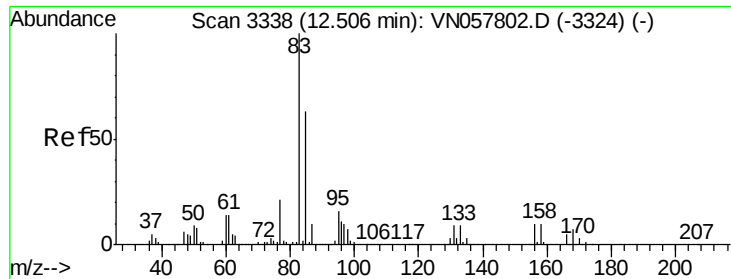
43 100

70 38.6 30.6 45.8

55 24.7 18.6 27.8

61 22.0 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.278 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

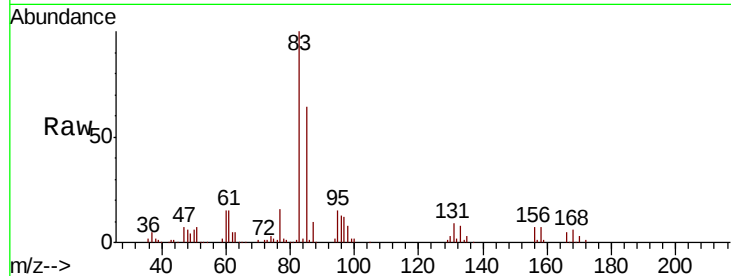
Tgt Ion: 83 Resp: 139233

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

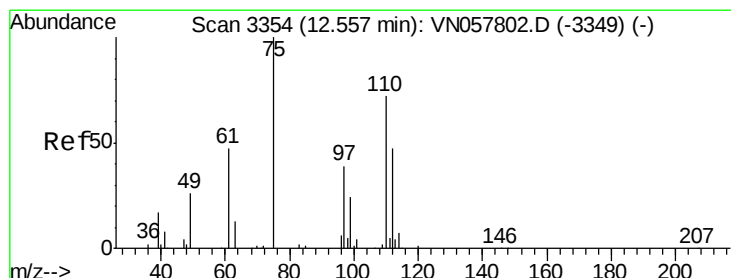
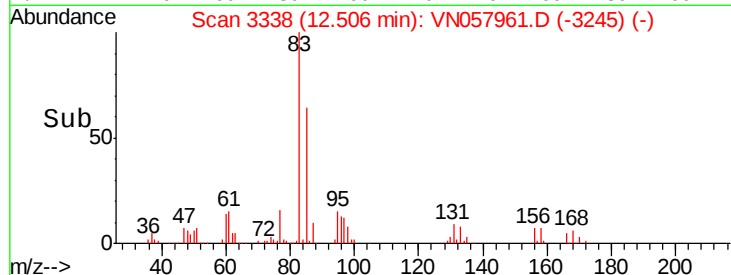
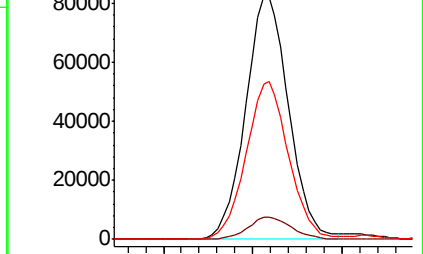
85 63.8 31.6 94.7



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: 26.771 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN057961.D

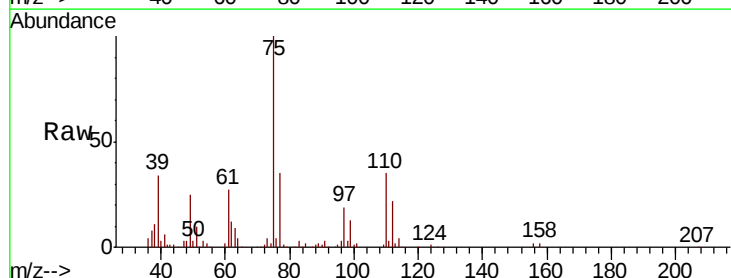
Acq: 12 Sep 2019 11:36

Tgt Ion: 75 Resp: 159158

Ion Ratio Lower Upper

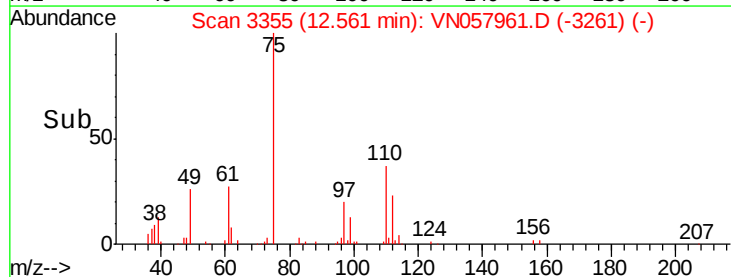
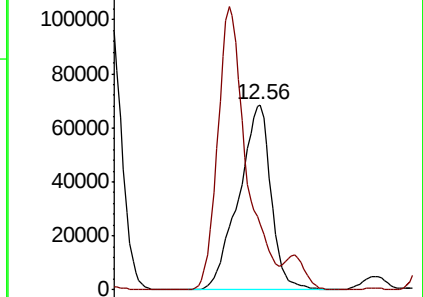
75 100

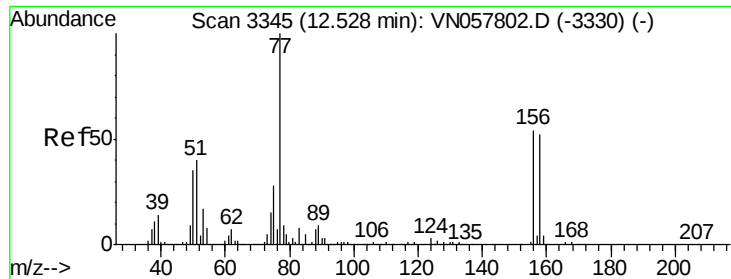
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.290 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

VN0913WBS01

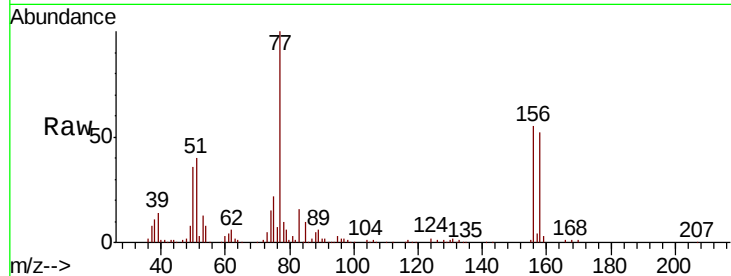
Tgt Ion:156 Resp: 98080

Ion Ratio Lower Upper

156 100

77 219.5 113.7 341.1

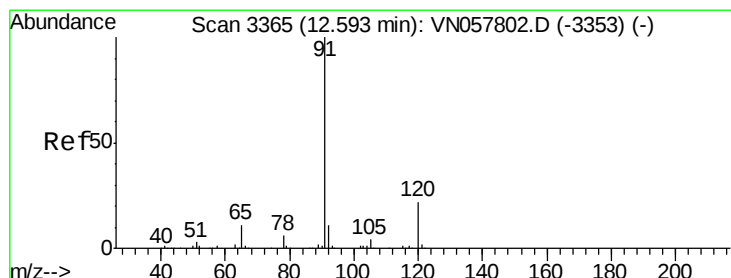
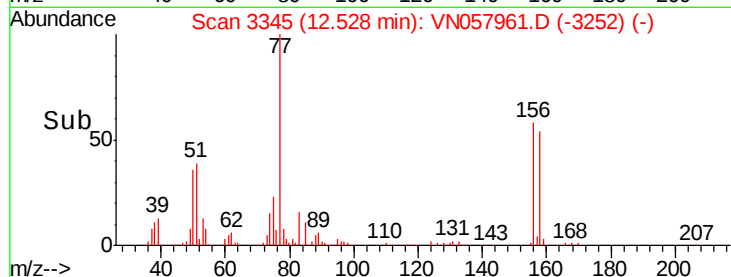
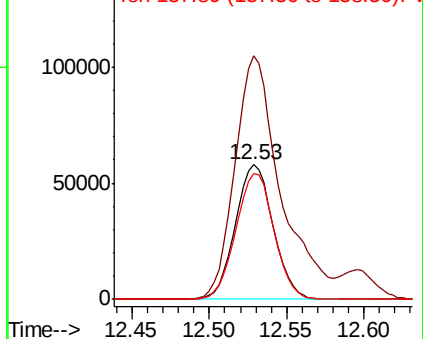
158 94.5 48.5 145.6



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: 20.637 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057961.D

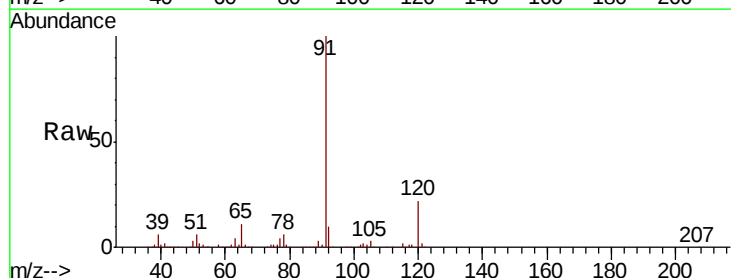
Acq: 12 Sep 2019 11:36

Tgt Ion: 91 Resp: 483265

Ion Ratio Lower Upper

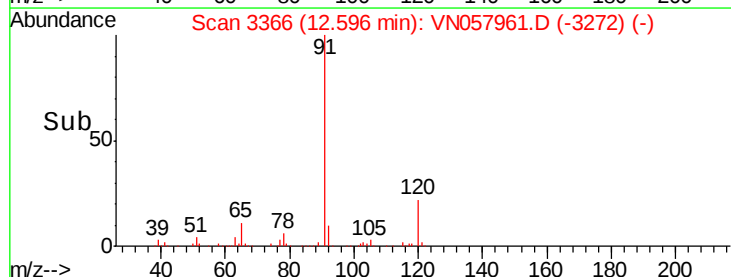
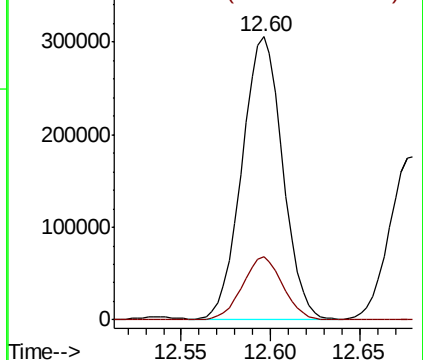
91 100

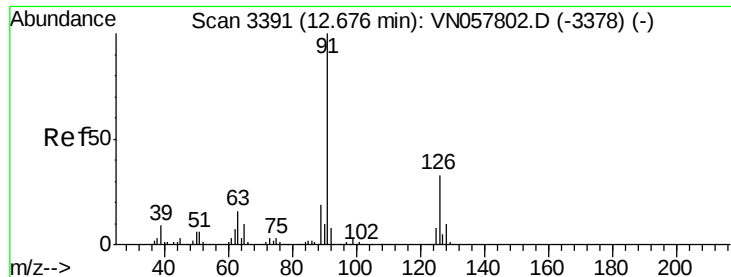
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.453 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

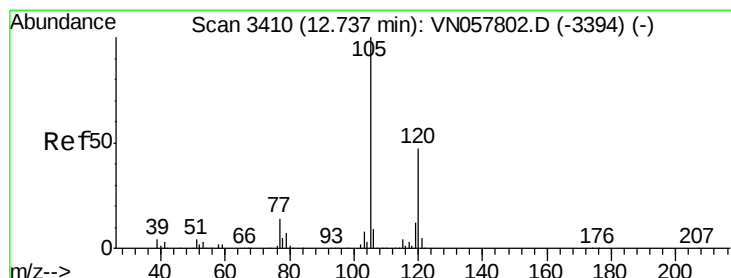
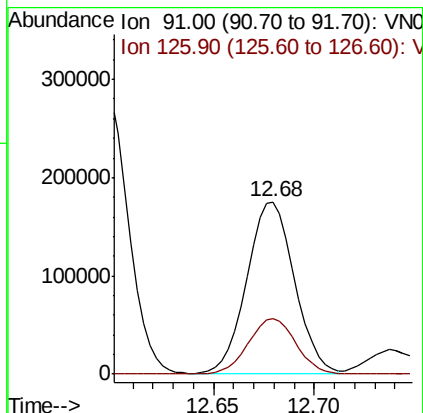
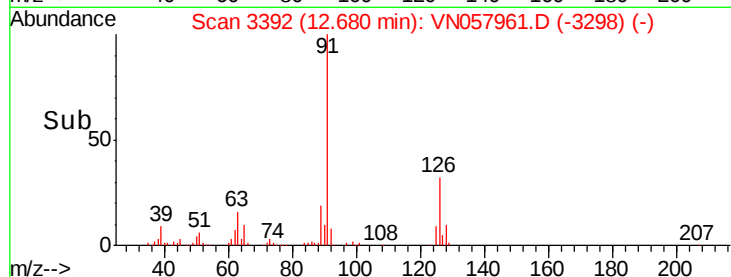
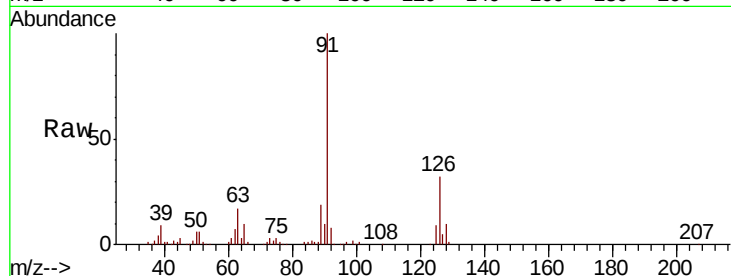
VN0913WBS01

Tgt Ion: 91 Resp: 287915

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 20.570 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057961.D

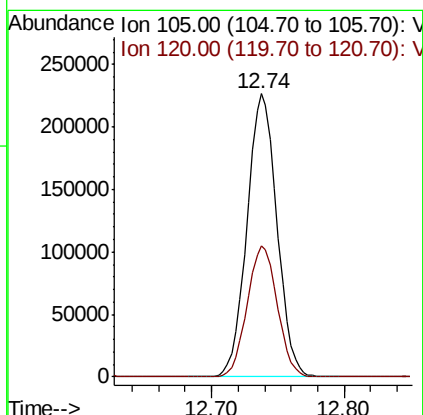
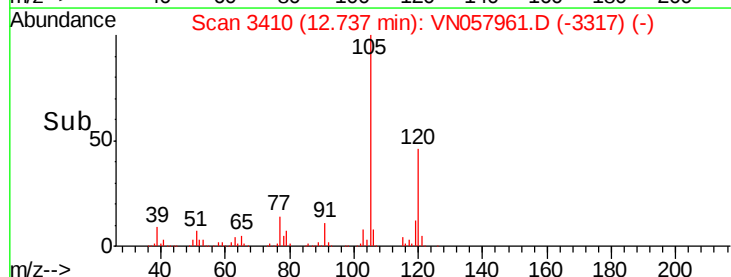
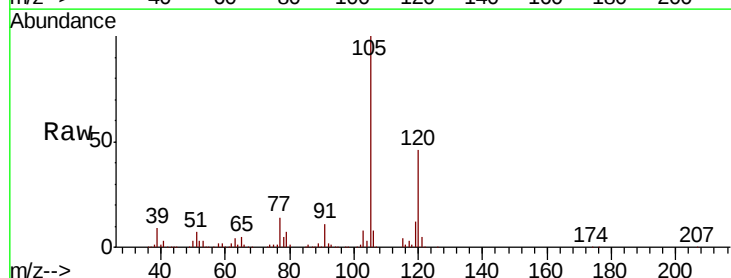
Acq: 12 Sep 2019 11:36

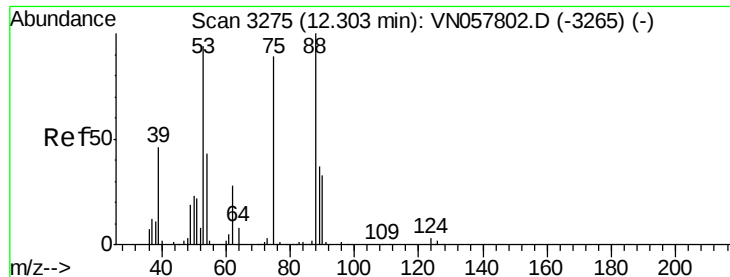
Tgt Ion: 105 Resp: 354428

Ion Ratio Lower Upper

105 100

120 46.7 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 16.650 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

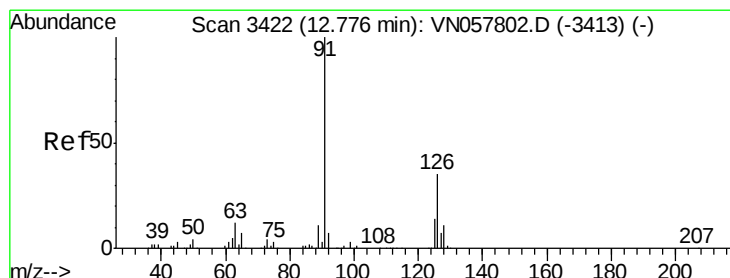
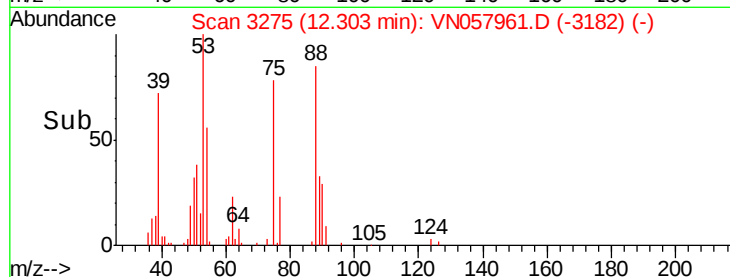
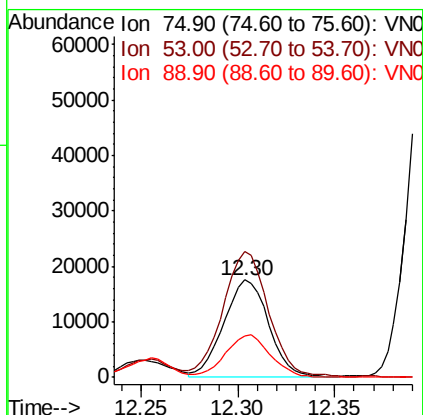
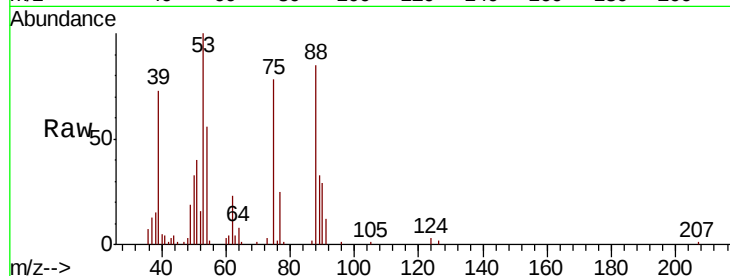
Tgt Ion: 75 Resp: 28129

Ion Ratio Lower Upper

75 100

53 132.9 88.4 132.6#

89 43.7 35.3 52.9



#82

4-Chlorotoluene

Concen: 19.337 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN057961.D

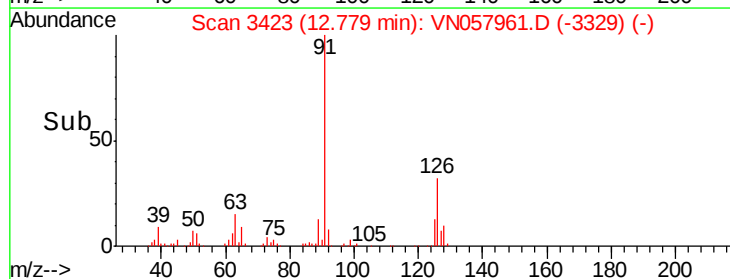
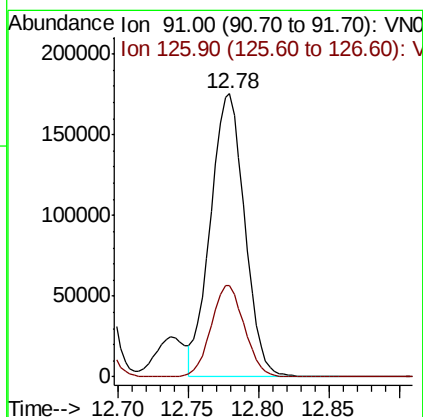
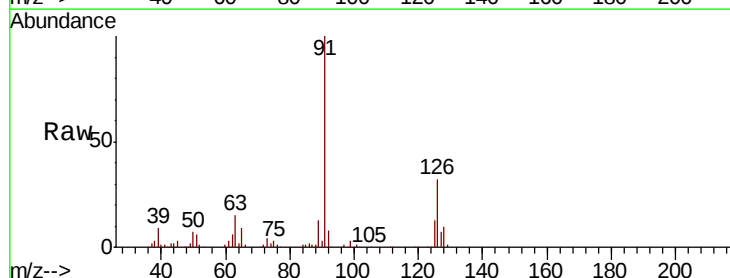
Acq: 12 Sep 2019 11:36

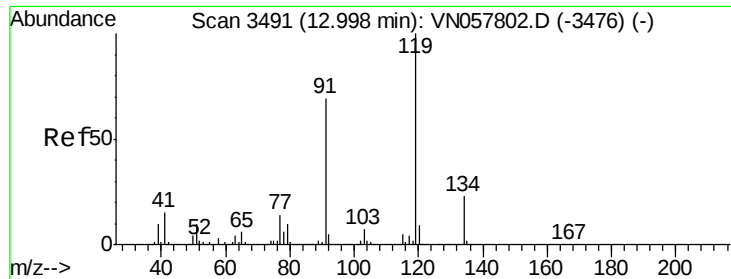
Tgt Ion: 91 Resp: 293908

Ion Ratio Lower Upper

91 100

126 31.7 16.0 48.0

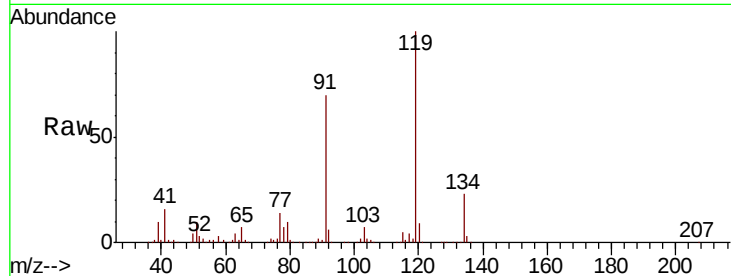




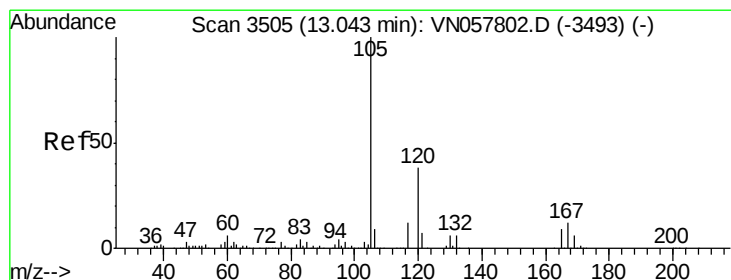
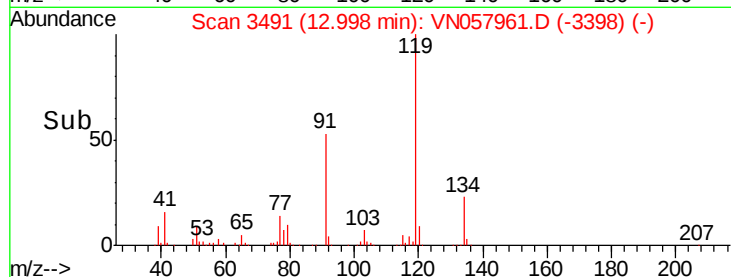
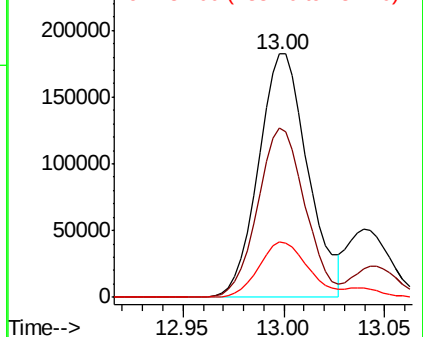
#83
 tert-Butylbenzene
 Concen: 20.273 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

Tgt Ion:119 Resp: 310504
 Ion Ratio Lower Upper
 119 100
 91 66.6 33.6 100.8
 134 22.6 11.7 35.0

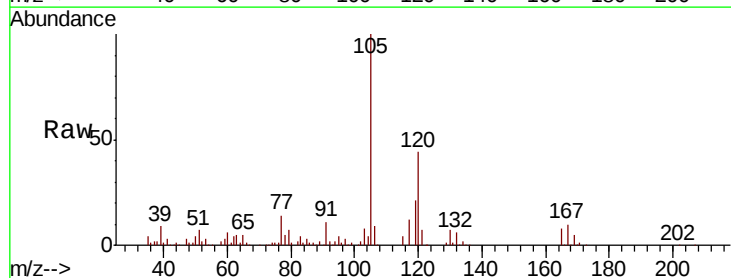


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

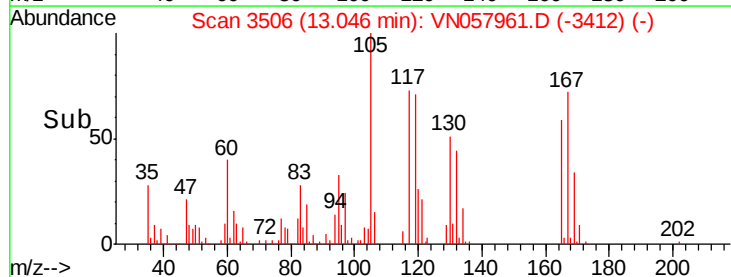
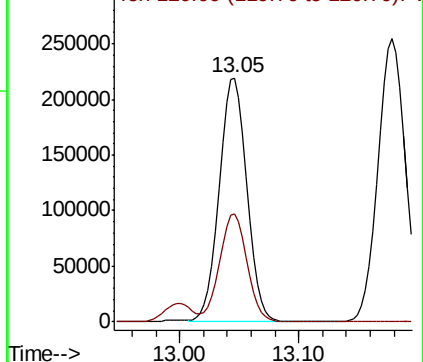


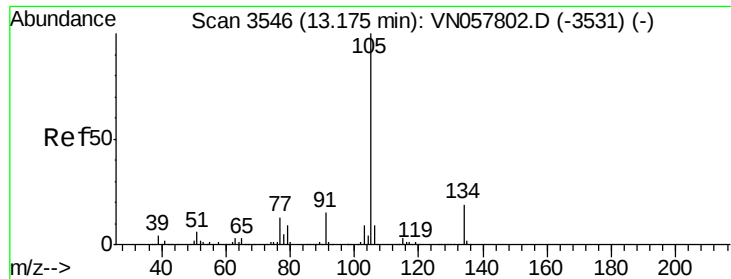
#84
 1,2,4-Trimethylbenzene
 Concen: 20.125 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion:105 Resp: 352443
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.2



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

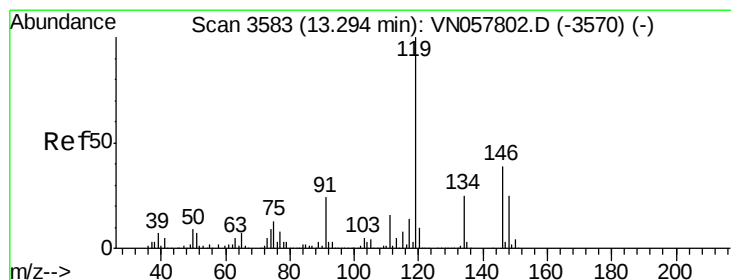
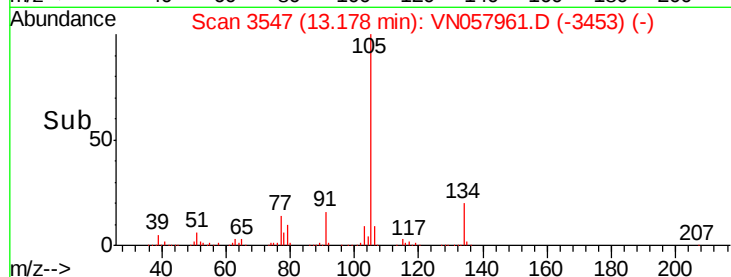
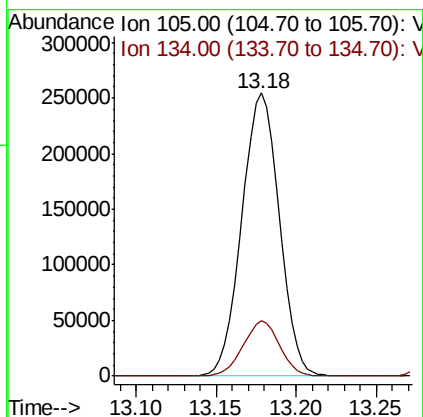
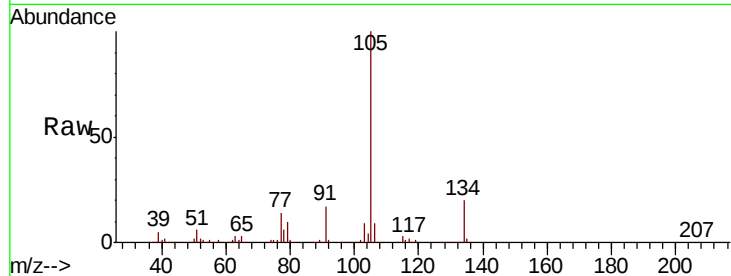




#85
 sec-Butylbenzene
 Concen: 20.084 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

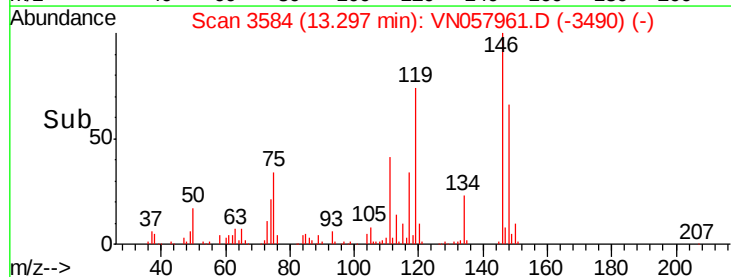
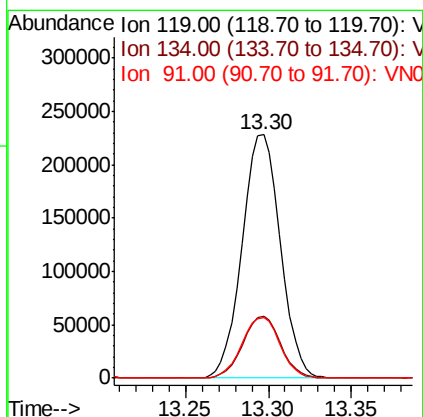
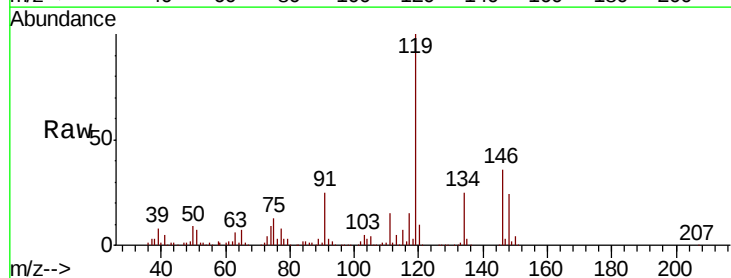
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

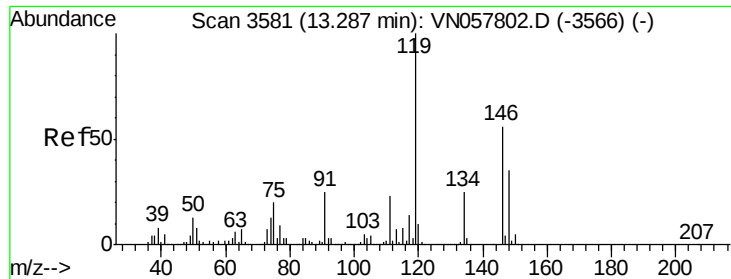
Tgt Ion:105 Resp: 407726
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.402 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion:119 Resp: 364926
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.5 37.5
 91 25.1 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 19.217 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

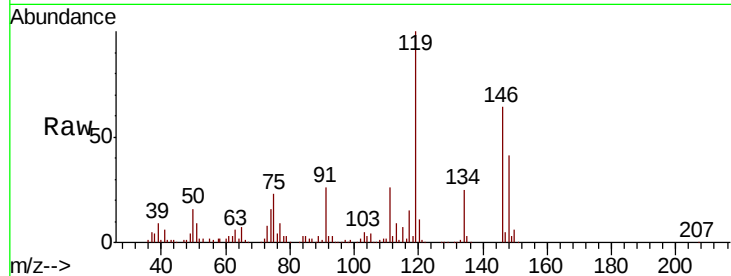
Tgt Ion:146 Resp: 179336

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.6

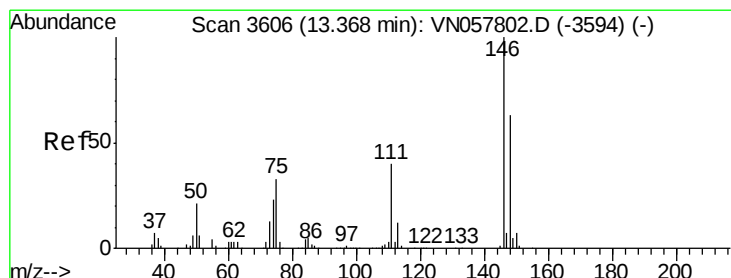
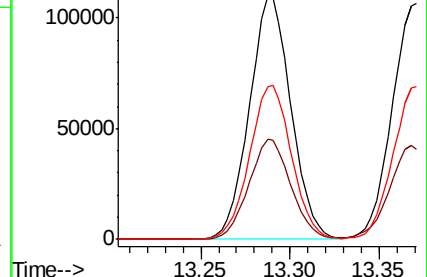
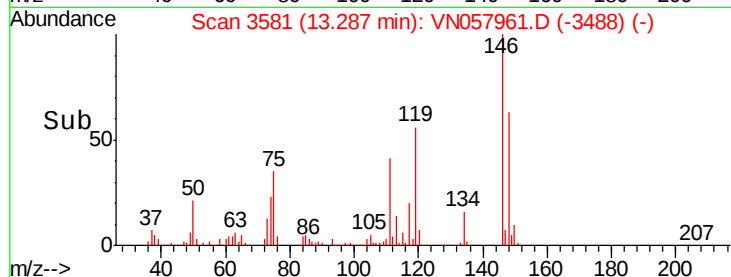
148 63.8 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.861 ug/l

RT: 13.37 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

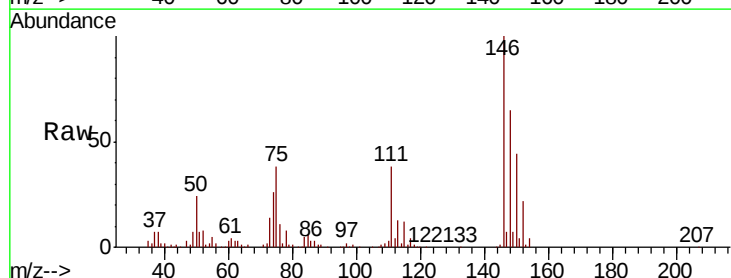
Tgt Ion:146 Resp: 178664

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.2

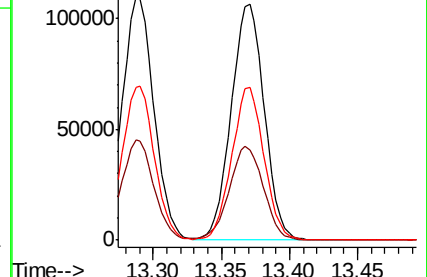
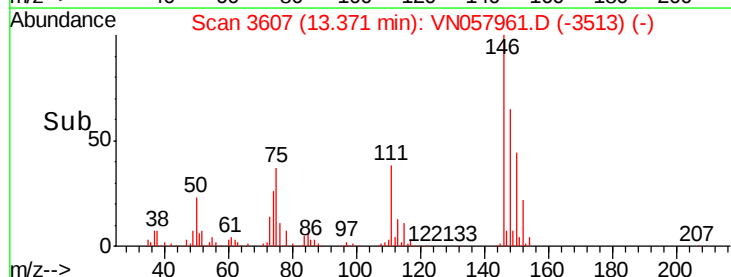
148 62.8 31.8 95.4

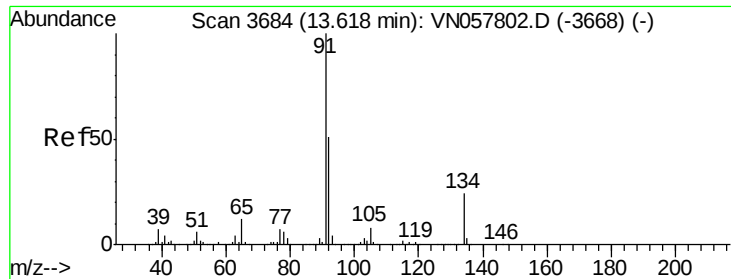


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.529 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

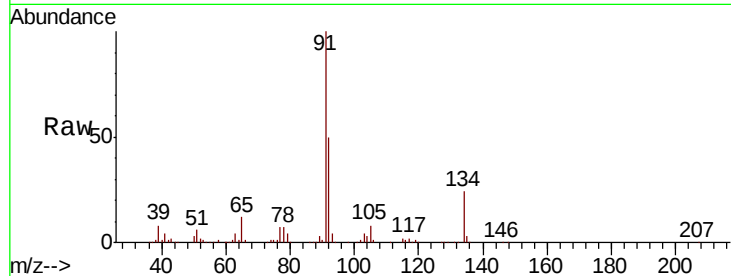
Tgt Ion: 91 Resp: 329877

Ion Ratio Lower Upper

91 100

92 51.2 25.7 77.0

134 23.5 11.9 35.7

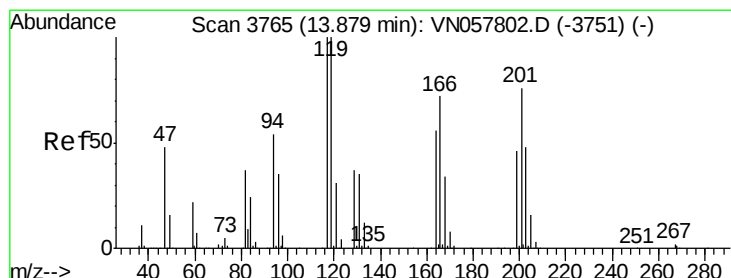
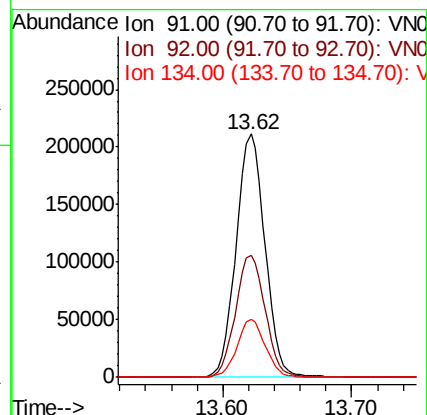
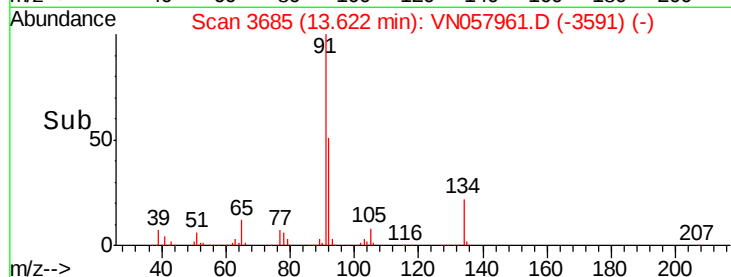


Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 19.086 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN057961.D

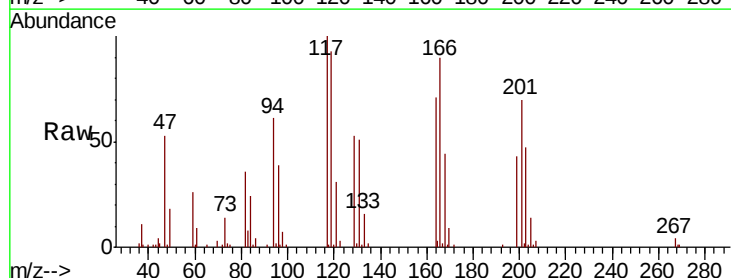
Acq: 12 Sep 2019 11:36

Tgt Ion: 117 Resp: 50771

Ion Ratio Lower Upper

117 100

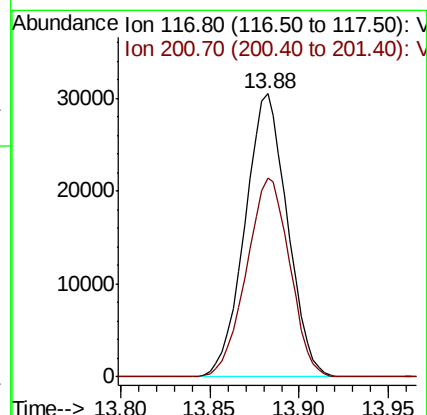
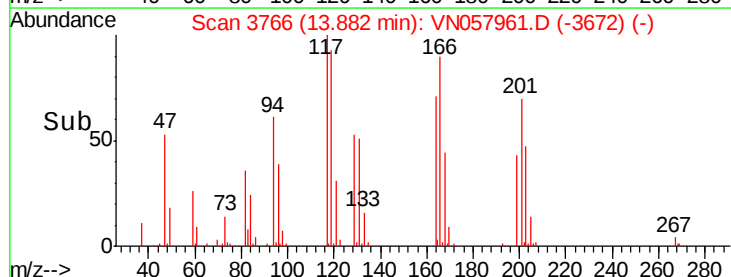
201 71.5 37.5 112.7

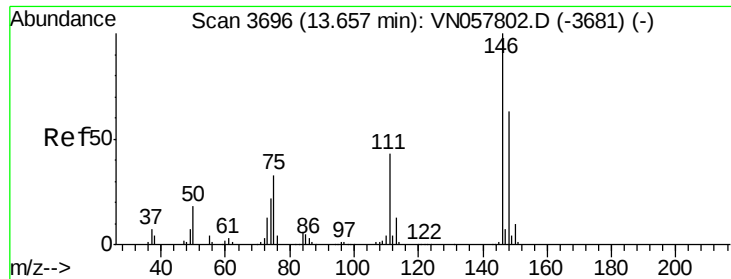


Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057802.D (-3751) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 19.052 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

VN0913WBS01

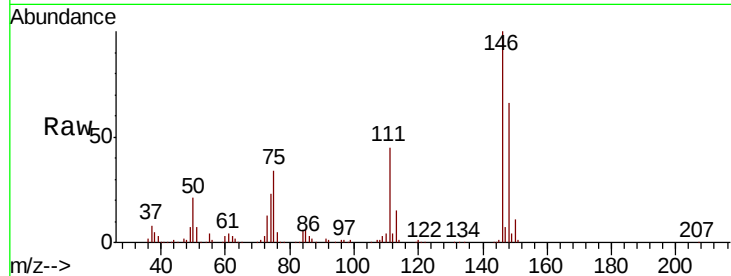
Tgt Ion:146 Resp: 177634

Ion Ratio Lower Upper

146 100

111 44.3 21.3 63.9

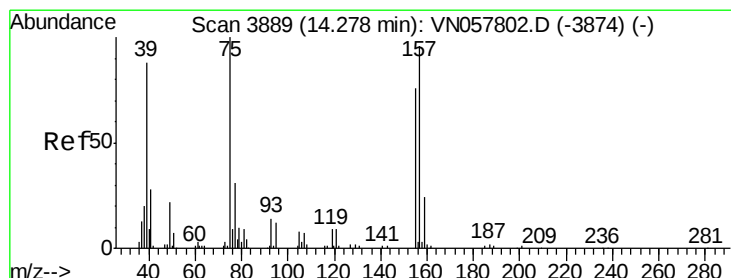
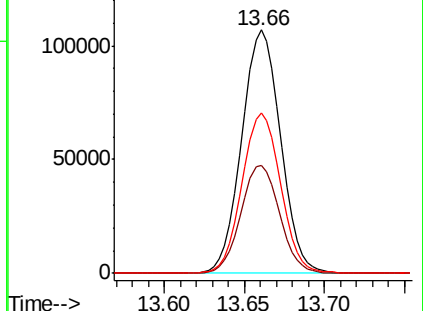
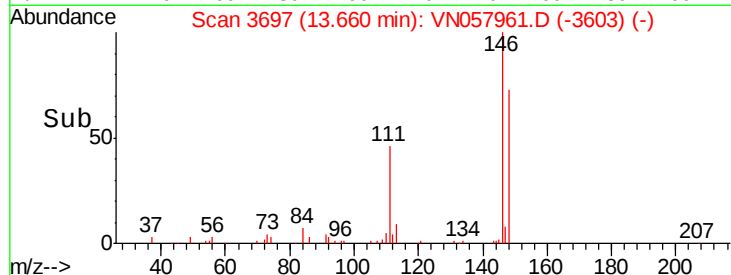
148 65.5 31.4 94.3



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: 19.282 ug/l

RT: 14.28 min Scan# 3890

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

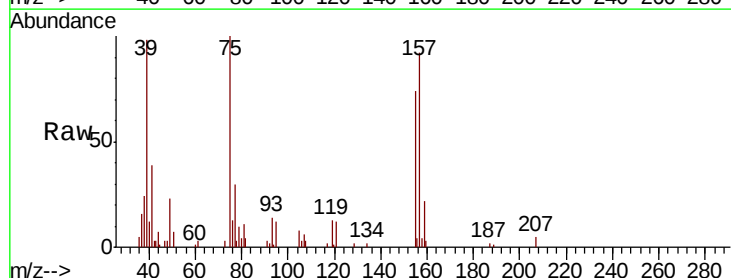
Tgt Ion: 75 Resp: 21864

Ion Ratio Lower Upper

75 100

155 73.5 37.3 111.8

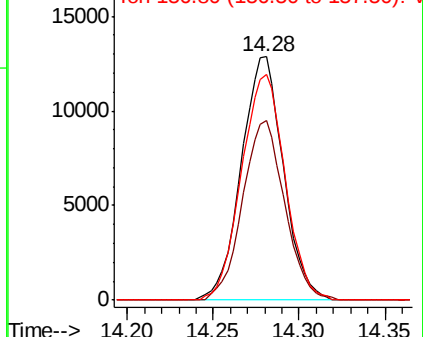
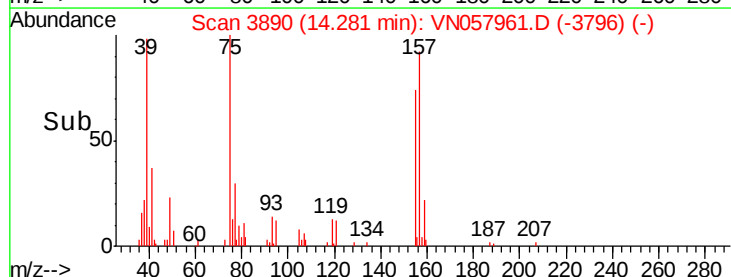
157 95.8 47.9 143.8

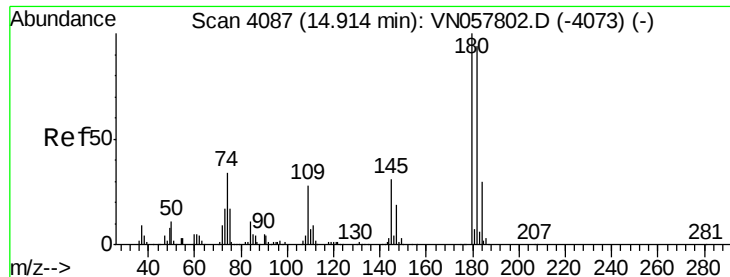


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

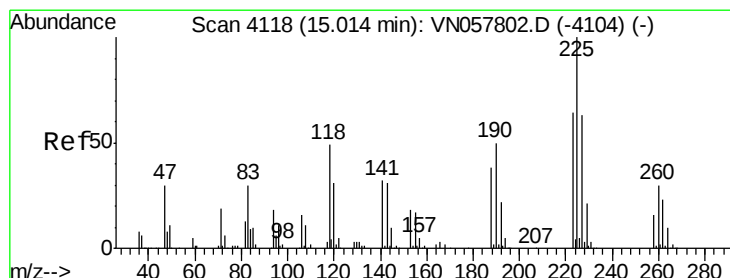
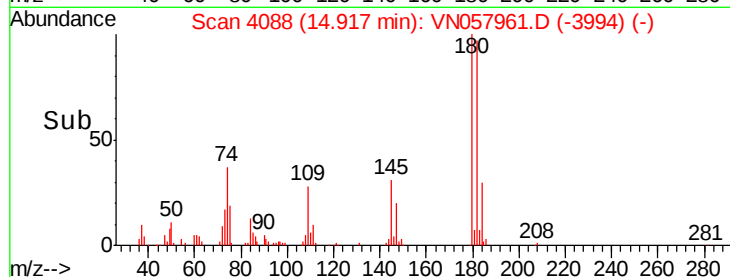
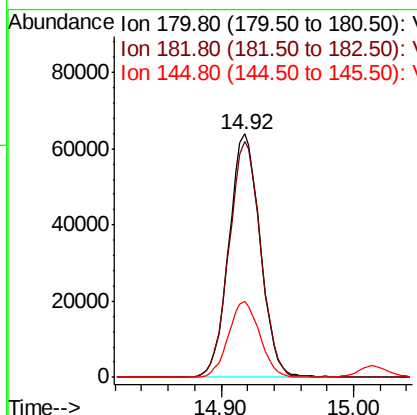
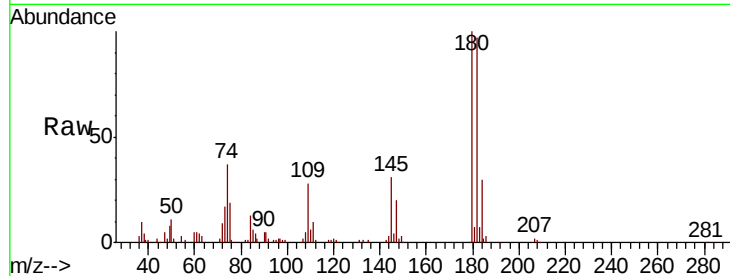




#93
 1,2,4-Trichlorobenzene
 Concen: 17.156 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

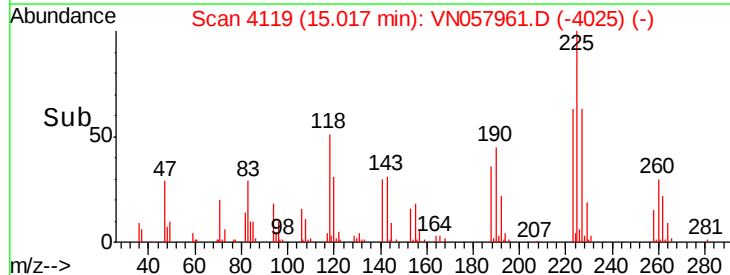
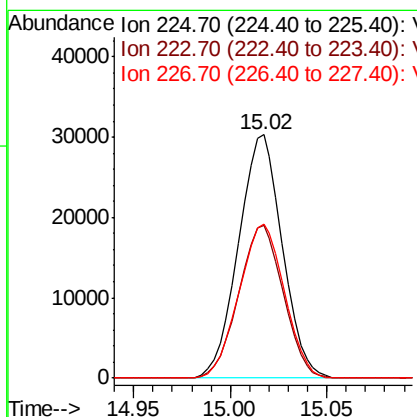
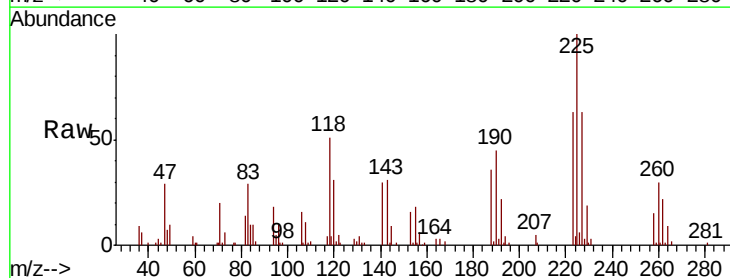
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

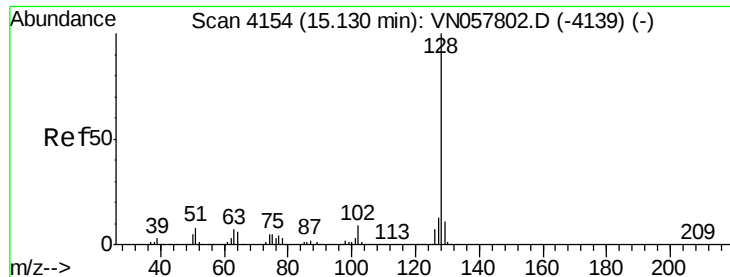
Tgt Ion:180 Resp: 104546
 Ion Ratio Lower Upper
 180 100
 182 97.7 46.9 140.8
 145 31.3 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 18.434 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN057961.D
 Acq: 12 Sep 2019 11:36

Tgt Ion:225 Resp: 47620
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.4 97.2
 227 65.6 31.8 95.4





#95

Naphthalene

Concen: 18.962 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

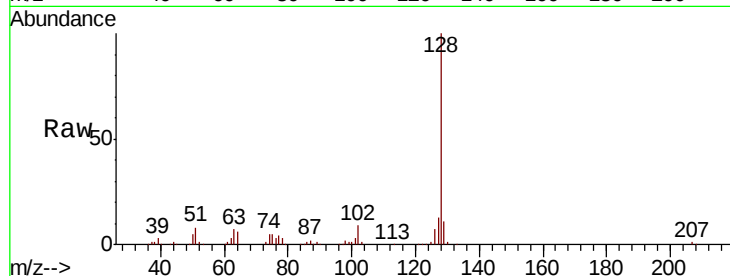
Tgt Ion:128 Resp: 306731

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

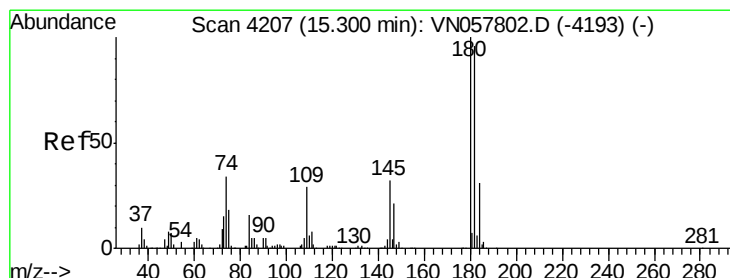
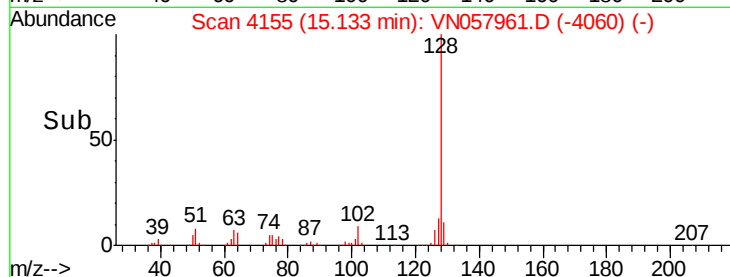
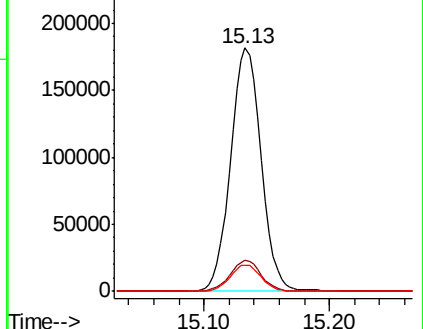
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.023 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057961.D

Acq: 12 Sep 2019 11:36

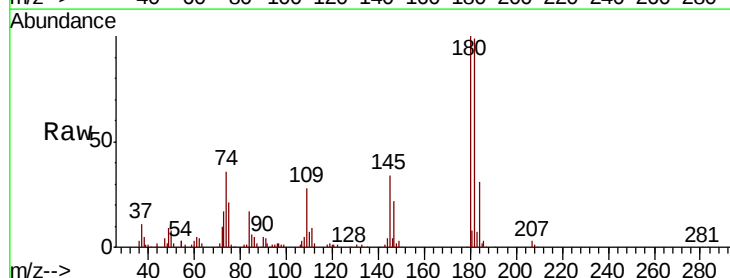
Tgt Ion:180 Resp: 103275

Ion Ratio Lower Upper

180 100

182 95.6 48.3 144.8

145 33.0 16.3 48.8



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

