

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062661.D
 Acq On : 30 Jul 2020 10:57
 Operator : JC/MD
 Sample : VN0730WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Quant Time: Jul 31 04:03:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	169360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	132943	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	7.55	113	89656	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.06	98	347906	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.37	95	129451	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36244	17.941	ug/l	100
3) Chloromethane	2.03	50	40053	14.618	ug/l	99
4) Vinyl Chloride	2.16	62	37947	15.976	ug/l	93
5) Bromomethane	2.53	94	20718	19.693	ug/l	99
6) Chloroethane	2.67	64	19801	18.429	ug/l	100
7) Trichlorofluoromethane	2.98	101	57849	20.743	ug/l	100
8) Diethyl Ether	3.38	74	20433	15.668	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34271	19.167	ug/l	98
10) Methyl Iodide	3.91	142	39093	17.102	ug/l	97
11) Tert butyl alcohol	4.73	59	31755	75.873	ug/l	97
12) 1,1-Dichloroethene	3.69	96	31720	17.492	ug/l	99
13) Acrolein	3.57	56	19405	51.394	ug/l	98
14) Allyl chloride	4.27	41	63257	16.126	ug/l	96
15) Acrylonitrile	4.93	53	95452	85.148	ug/l	98
16) Acetone	3.77	43	85912	86.777	ug/l	99
17) Carbon Disulfide	4.00	76	95005	15.945	ug/l	100
18) Methyl Acetate	4.28	43	46030	18.365	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	117931	17.669	ug/l	99
20) Methylene Chloride	4.50	84	39413	16.598	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	35685	17.730	ug/l	100
22) Diisopropyl ether	5.90	45	132112	16.944	ug/l	92
23) Vinyl Acetate	5.84	43	528840	82.776	ug/l	98
24) 1,1-Dichloroethane	5.79	63	73605	17.530	ug/l	99
25) 2-Butanone	6.79	43	123770	82.087	ug/l	98
26) 2,2-Dichloropropane	6.77	77	65569	19.023	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	39903	17.375	ug/l	97
28) Bromochloromethane	7.15	49	38961	18.855	ug/l	94
29) Tetrahydrofuran	7.17	42	81558	79.938	ug/l	97
30) Chloroform	7.33	83	74835	18.746	ug/l	95
31) Cyclohexane	7.61	56	61887	15.964	ug/l #	88
32) 1,1,1-Trichloroethane	7.53	97	66318	19.897	ug/l	99
36) 1,1-Dichloropropene	7.75	75	55315	19.342	ug/l	99
37) Ethyl Acetate	6.88	43	54099	17.548	ug/l	98
38) Carbon Tetrachloride	7.73	117	58098	21.134	ug/l	98

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

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 VN0730WBS01

Quant Time: Jul 31 04:03:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	56314	18.292	ug/l	99
40) Benzene	8.00	78	157178	18.153	ug/l	99
41) Methacrylonitrile	7.16	41	75577	57.202	ug/l #	25
42) 1,2-Dichloroethane	8.09	62	63960	20.206	ug/l	98
43) Isopropyl Acetate	8.12	43	88112	17.730	ug/l #	91
44) Trichloroethene	8.80	130	36325	18.604	ug/l	98
45) 1,2-Dichloropropane	9.08	63	44221	18.191	ug/l	99
46) Dibromomethane	9.17	93	27522	19.588	ug/l	97
47) Bromodichloromethane	9.37	83	59901	19.679	ug/l	94
48) Methyl methacrylate	9.17	41	41957	17.760	ug/l	97
49) 1,4-Dioxane	9.17	88	11728	323.224	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	265791	89.384	ug/l	100
52) Toluene	10.12	92	96239	19.142	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	64860	19.141	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	69297	19.058	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38108	19.541	ug/l	97
56) Ethyl methacrylate	10.40	69	57605	17.638	ug/l	99
57) 1,3-Dichloropropane	10.68	76	68215	19.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80809	88.150	ug/l	99
59) 2-Hexanone	10.72	43	192754	85.784	ug/l	99
60) Dibromochloromethane	10.87	129	43502	19.996	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37965	18.696	ug/l	98
64) Tetrachloroethene	10.60	164	31421	19.140	ug/l	99
65) Chlorobenzene	11.40	112	98187	18.536	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	38843	19.492	ug/l	98
67) Ethyl Benzene	11.48	91	180498	18.585	ug/l	99
68) m/p-Xylenes	11.59	106	132383	37.923	ug/l	98
69) o-Xylene	11.92	106	61904	18.675	ug/l	97
70) Styrene	11.94	104	108190	19.321	ug/l	99
71) Bromoform	12.10	173	29415	19.660	ug/l #	97
73) Isopropylbenzene	12.22	105	173596	18.382	ug/l	100
74) N-amyl acetate	12.04	43	74058	17.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	55937	17.045	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	75817	24.939	ug/l #	100
77) Bromobenzene	12.50	156	41908	18.465	ug/l	94
78) n-propylbenzene	12.57	91	205309	18.559	ug/l	100
79) 2-Chlorotoluene	12.65	91	123552	18.123	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	153513	19.596	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	19615	17.961	ug/l	95
82) 4-Chlorotoluene	12.75	91	129744	18.284	ug/l	100
83) tert-Butylbenzene	12.97	119	123609	19.002	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	149016	19.391	ug/l	98
85) sec-Butylbenzene	13.15	105	170166	19.540	ug/l	100
86) p-Isopropyltoluene	13.26	119	149539	19.965	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	73295	18.403	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	72596	18.516	ug/l	99
89) n-Butylbenzene	13.59	91	117552	18.265	ug/l	99
90) Hexachloroethane	13.85	117	30038	18.839	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	70176	18.427	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11057	18.557	ug/l	92

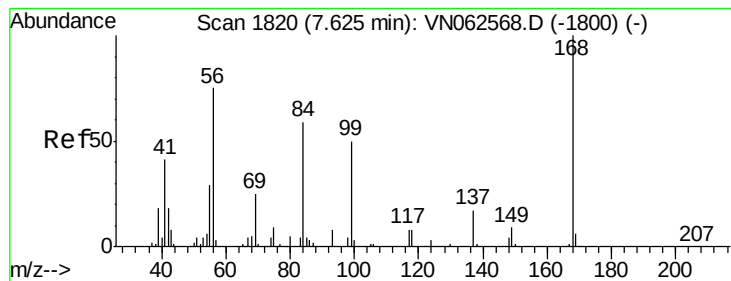
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
Data File : VN062661.D
Acq On : 30 Jul 2020 10:57
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Sample : VN0730WBS01
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Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Quant Time: Jul 31 04:03:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30401	17.344	ug/l	99
94) Hexachlorobutadiene	14.99	225	22511	21.603	ug/l	96
95) Naphthalene	15.10	128	74410	16.717	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	30290	16.878	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

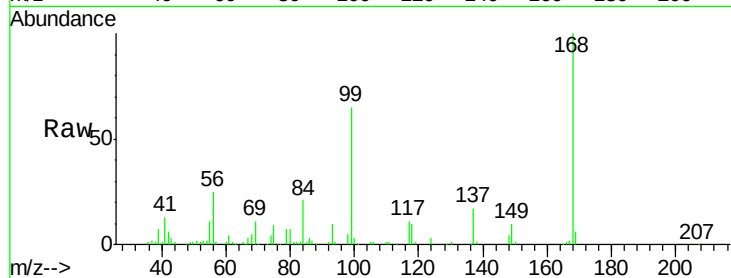
VN0730WBS01

Tot Ion:168 Resp: 169360

Ion Ratio Lower Upper

168 100

99 64.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

60000

40000

20000

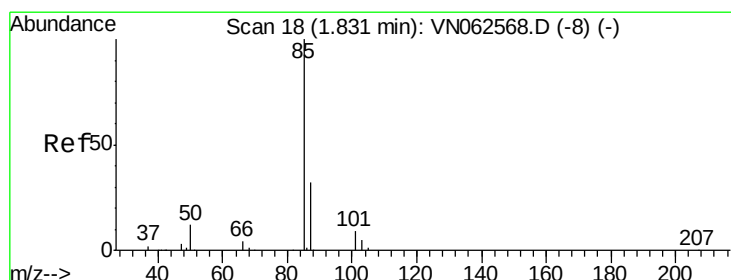
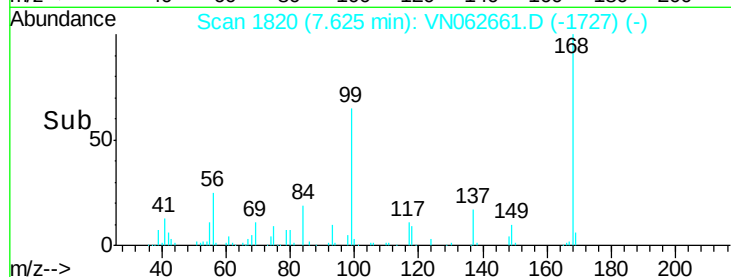
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 17.941 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062661.D

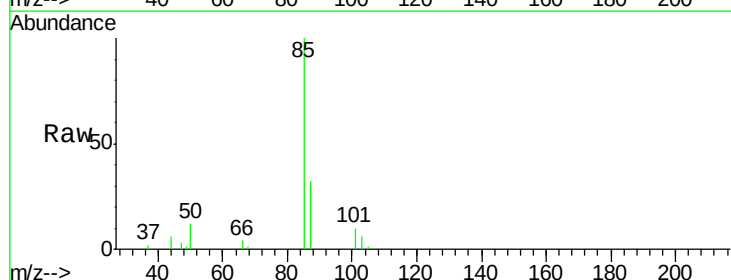
Acq: 30 Jul 2020 10:57

Tgt Ion: 85 Resp: 36244

Ion Ratio Lower Upper

85 100

87 32.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

25000

20000

15000

10000

5000

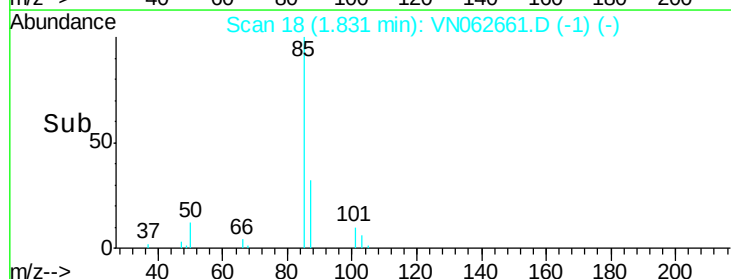
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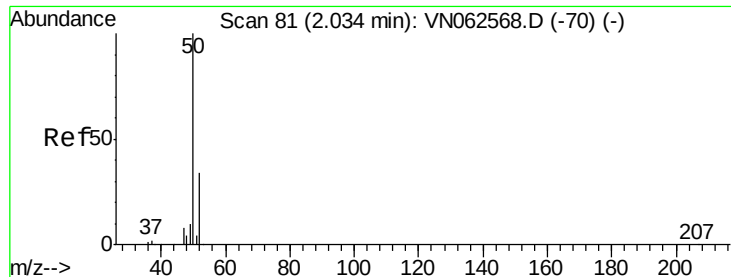
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 14.618 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

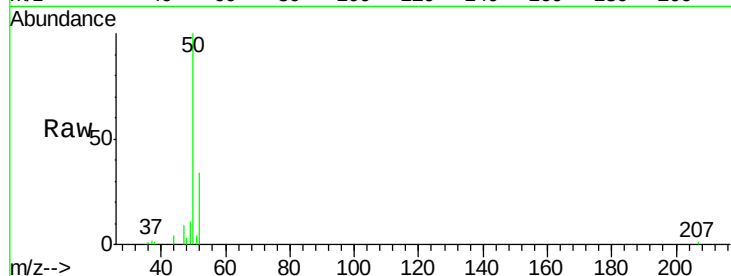
VN0730WBS01

Tot Ion: 50 Resp: 40053

Ion Ratio Lower Upper

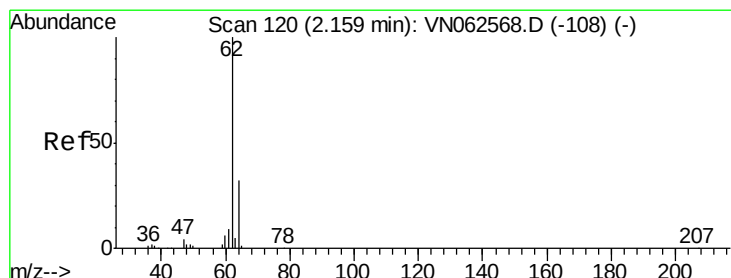
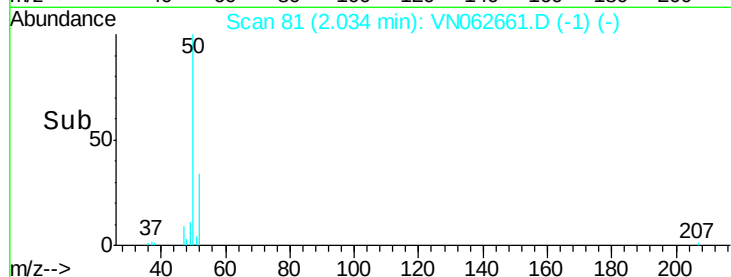
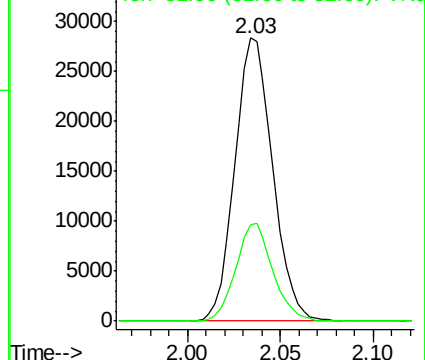
50 100

52 34.0 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 15.976 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062661.D

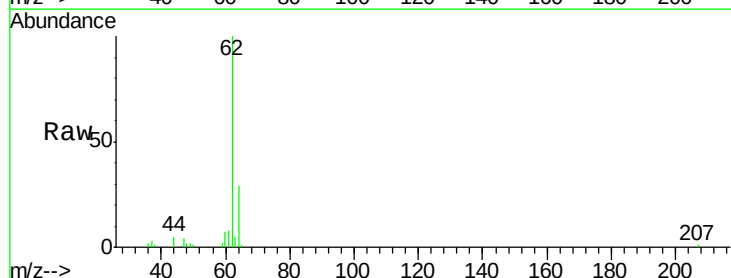
Acq: 30 Jul 2020 10:57

Tgt Ion: 62 Resp: 37947

Ion Ratio Lower Upper

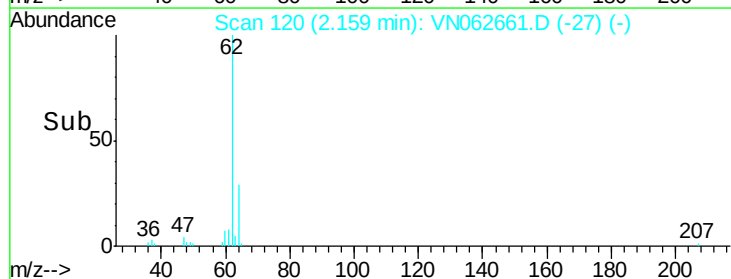
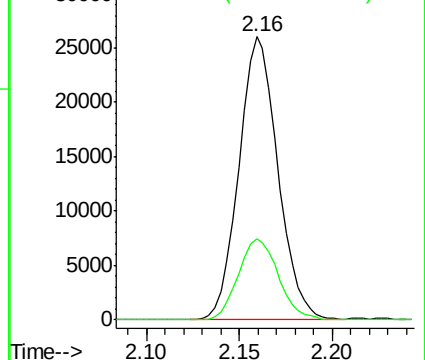
62 100

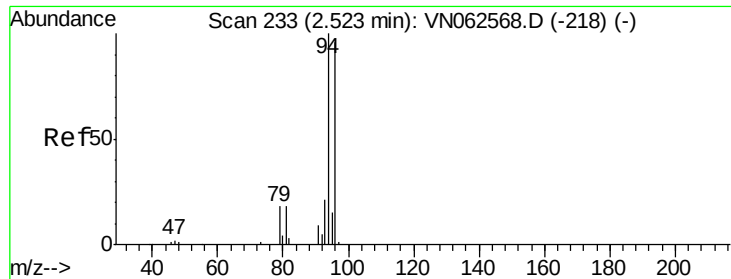
64 28.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.693 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

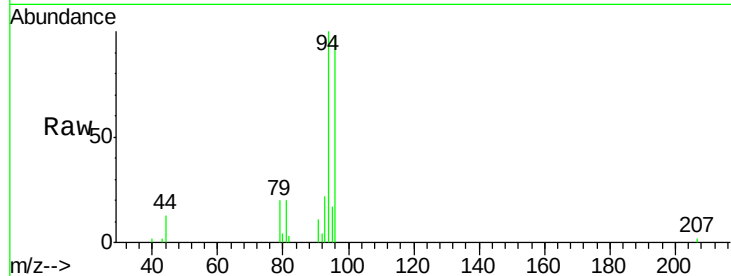
VN0730WBS01

Tot Ion: 94 Resp: 20718

Ion Ratio Lower Upper

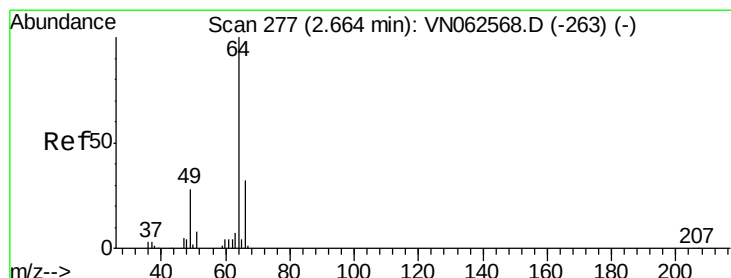
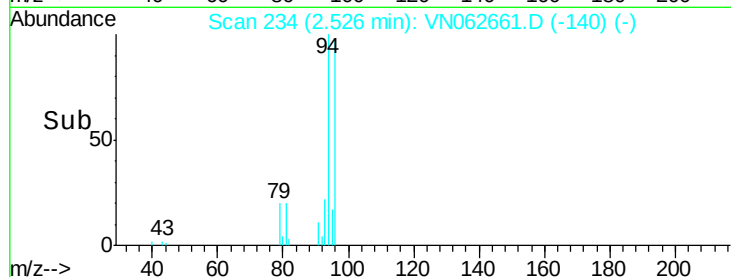
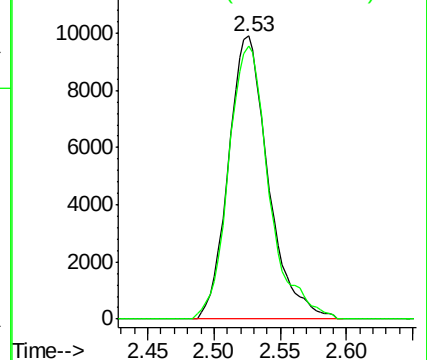
94 100

96 96.5 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.429 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062661.D

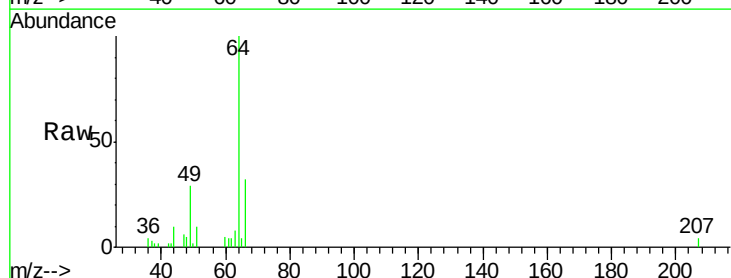
Acq: 30 Jul 2020 10:57

Tgt Ion: 64 Resp: 19801

Ion Ratio Lower Upper

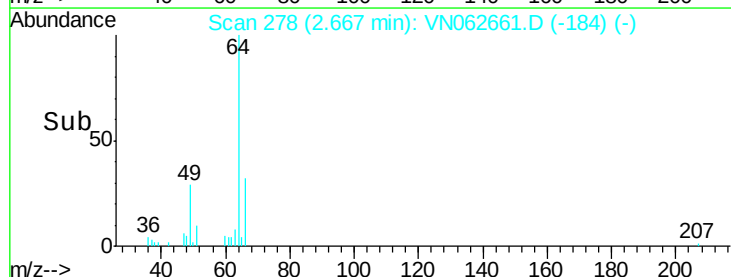
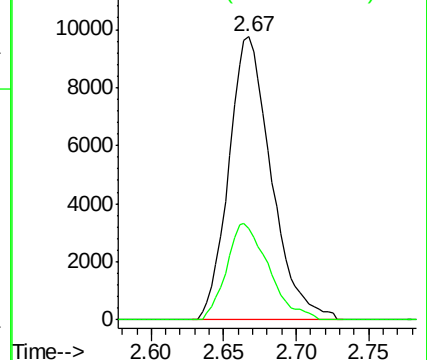
64 100

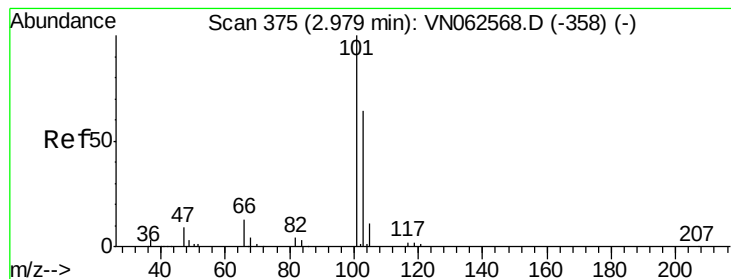
66 32.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



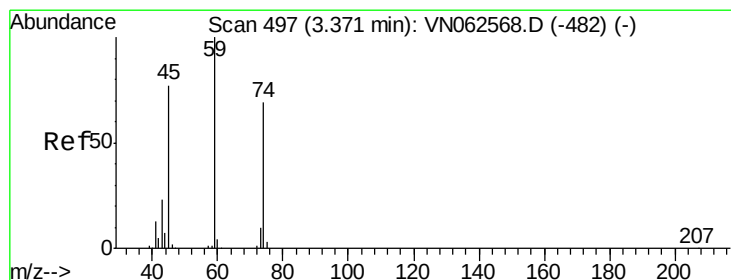
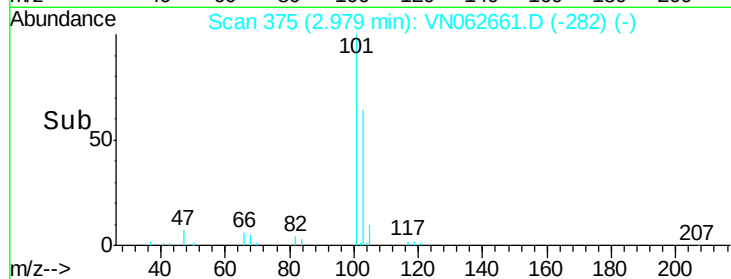
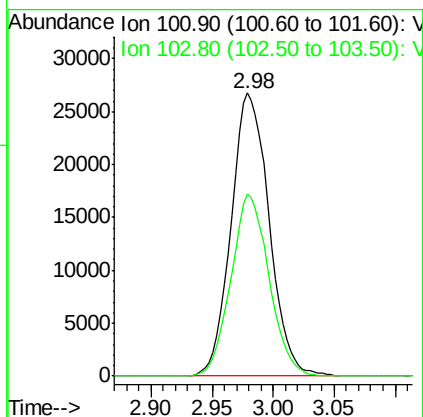
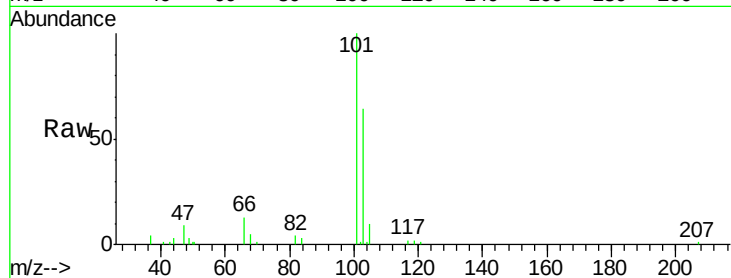


#7

Trichlorofluoromethane
 Concen: 20.743 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

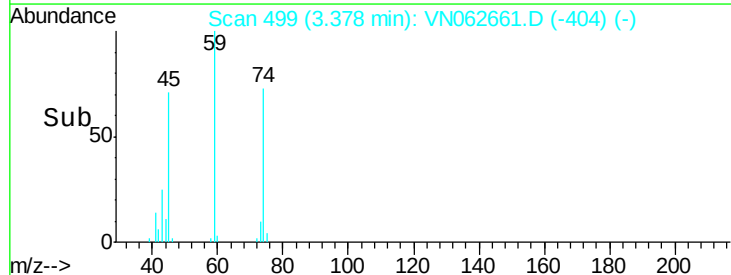
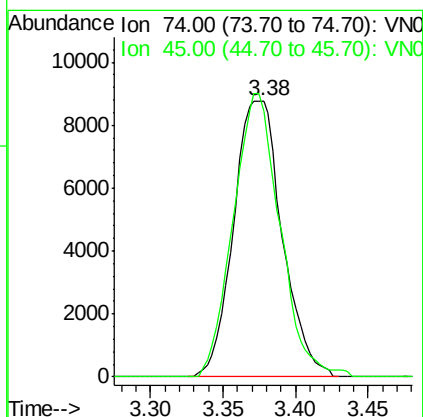
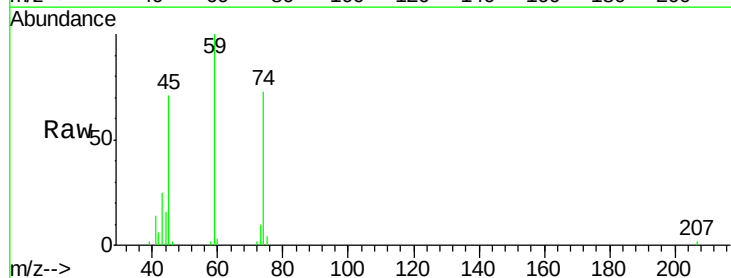
Tot Ion:101 Resp: 57849
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.5 77.3

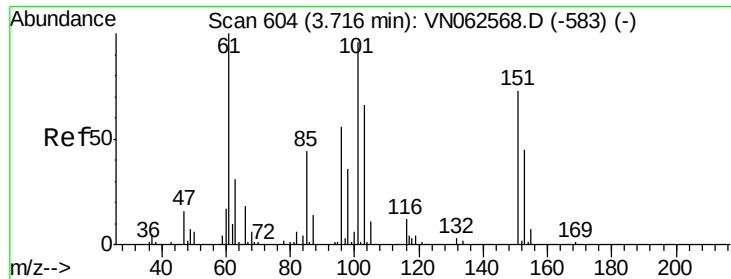


#8

Diethyl Ether
 Concen: 15.668 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.01 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion: 74 Resp: 20433
 Ion Ratio Lower Upper
 74 100
 45 98.1 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.167 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

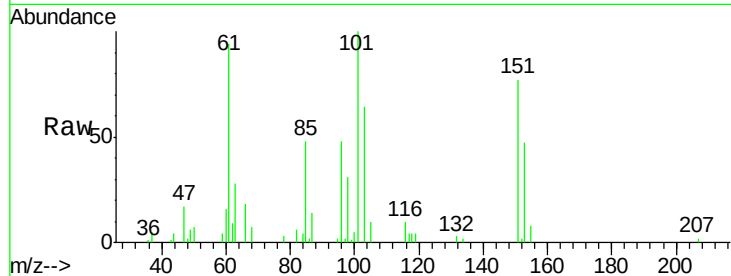
Tot Ion:101 Resp: 34271

Ion Ratio Lower Upper

101 100

85 47.2 36.0 54.0

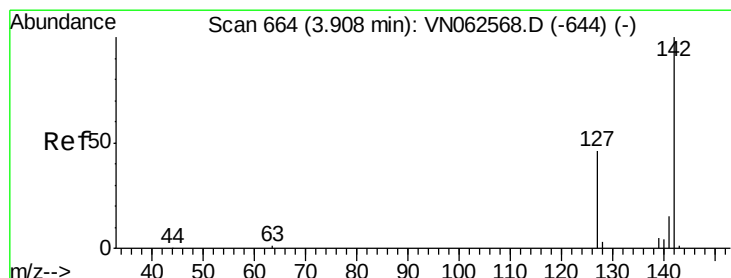
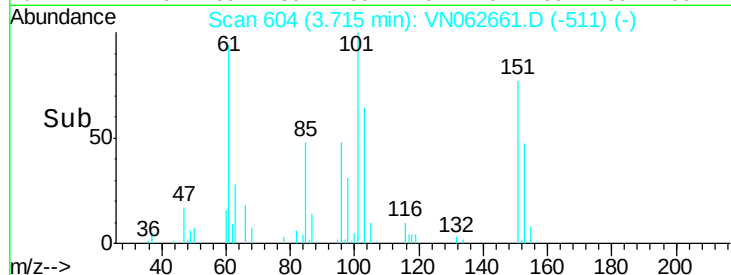
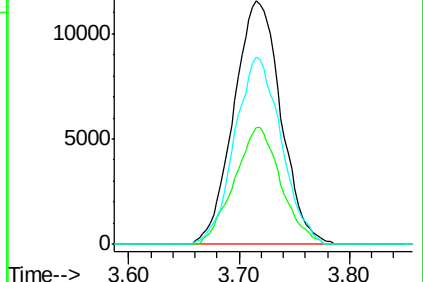
151 76.0 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.102 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

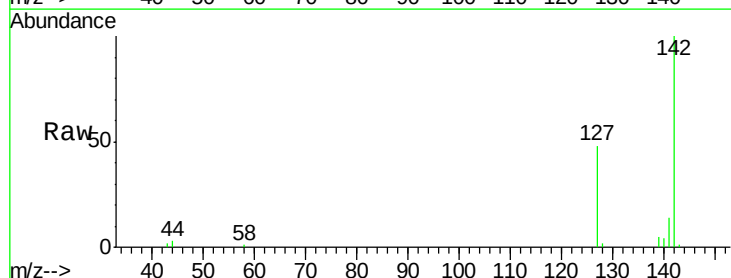
Tgt Ion:142 Resp: 39093

Ion Ratio Lower Upper

142 100

127 48.6 37.4 56.0

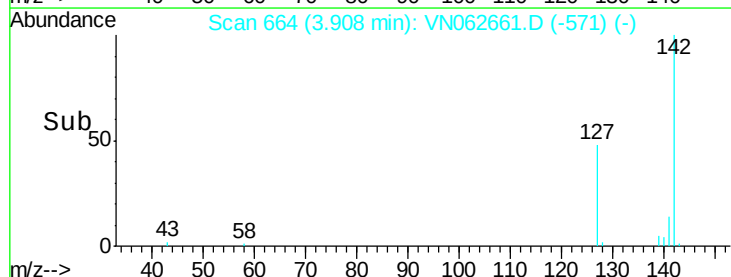
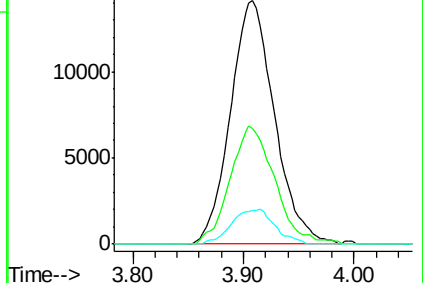
141 14.1 11.9 17.9

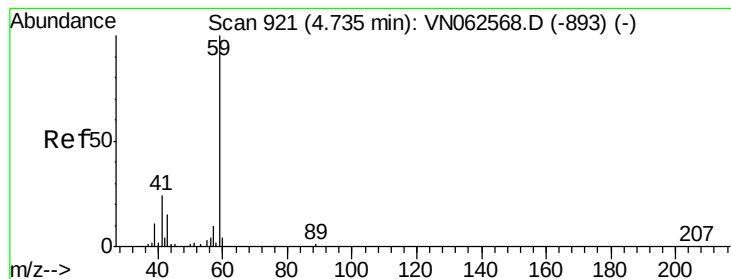


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 75.873 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

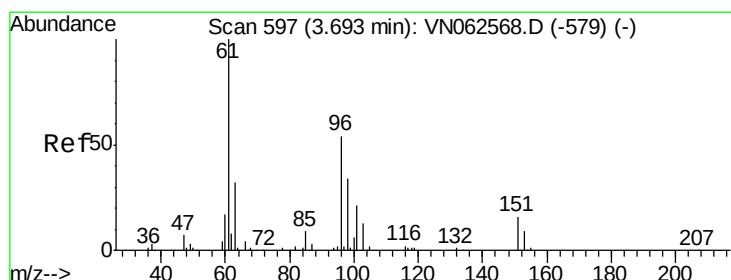
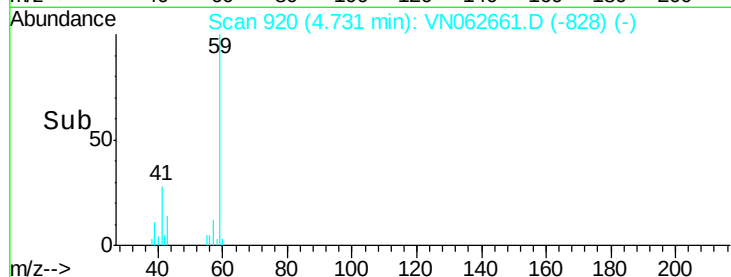
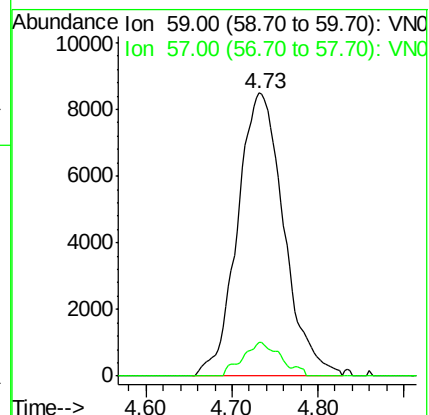
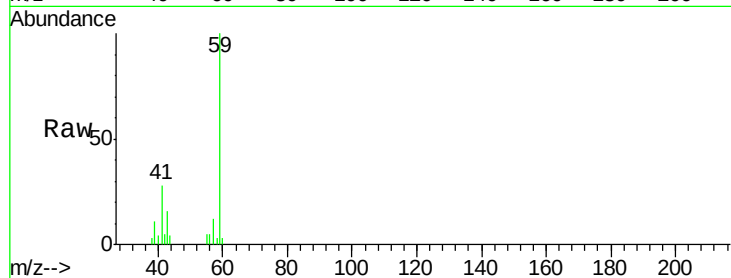
VN0730WBS01

Tot Ion: 59 Resp: 31755

Ion Ratio Lower Upper

59 100

57 9.2 8.2 12.2



#12

1,1-Dichloroethene

Concen: 17.492 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

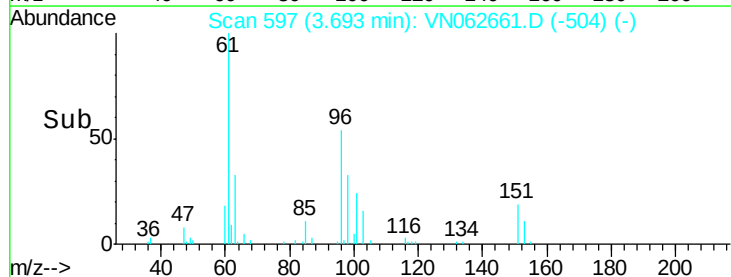
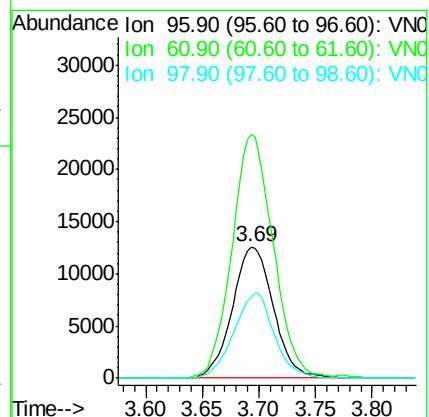
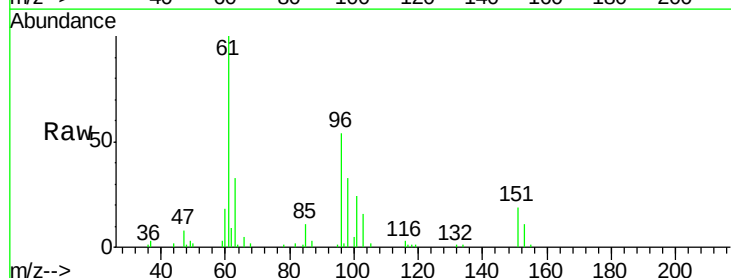
Tgt Ion: 96 Resp: 31720

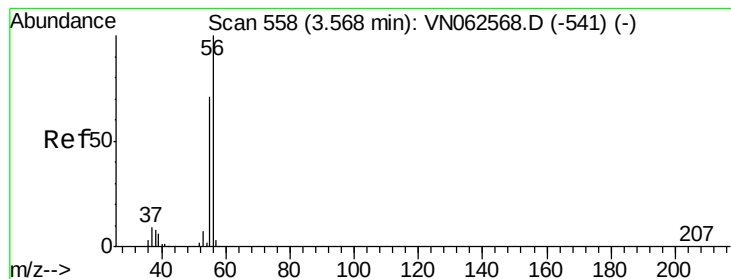
Ion Ratio Lower Upper

96 100

61 183.6 148.6 222.8

98 62.0 50.6 75.8





#13

Acrolein

Concen: 51.394 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

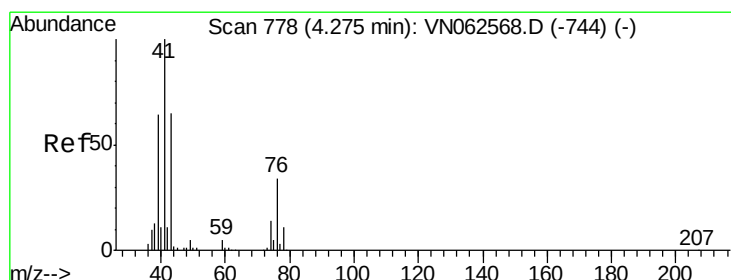
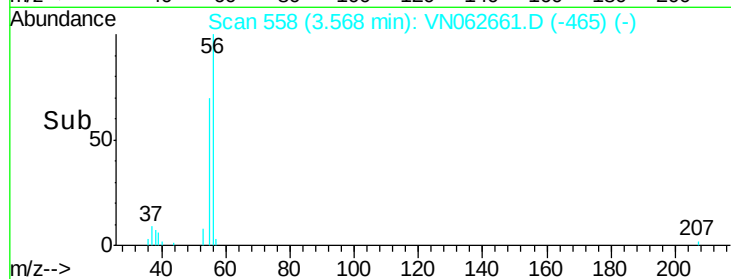
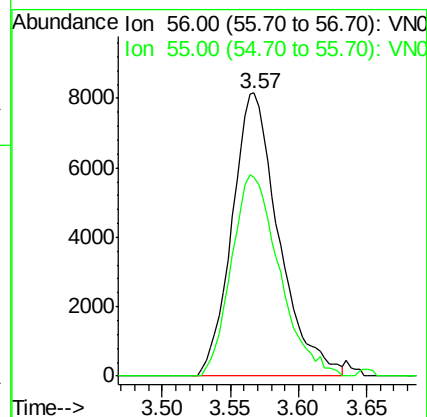
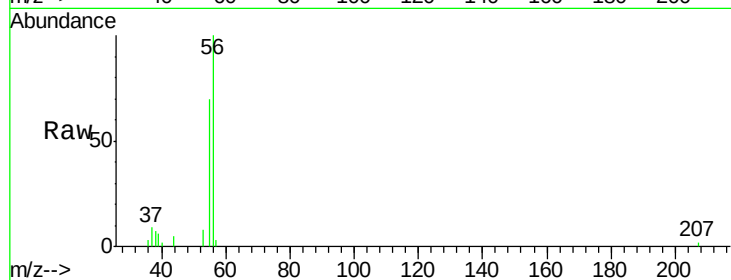
VN0730WBS01

Tot Ion: 56 Resp: 19405

Ion Ratio Lower Upper

56 100

55 72.9 57.0 85.4



#14

Allyl chloride

Concen: 16.126 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

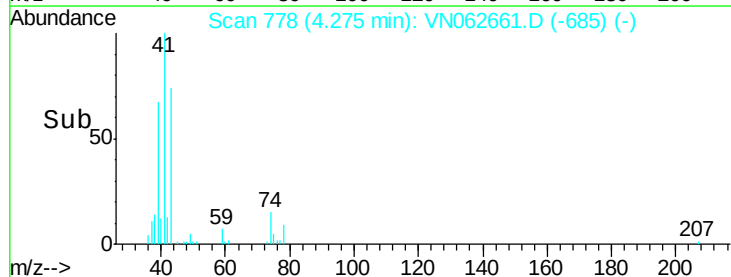
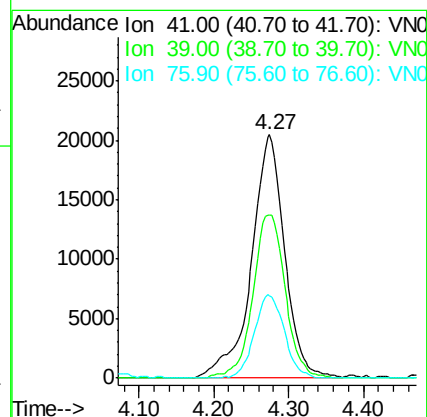
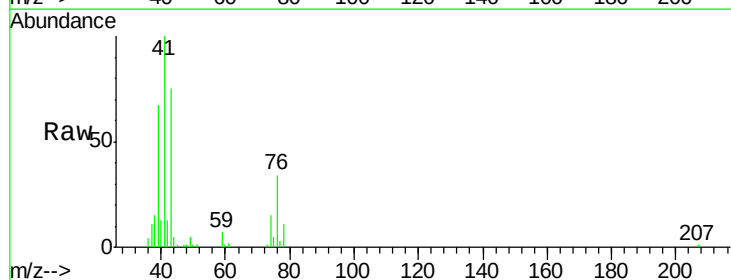
Tgt Ion: 41 Resp: 63257

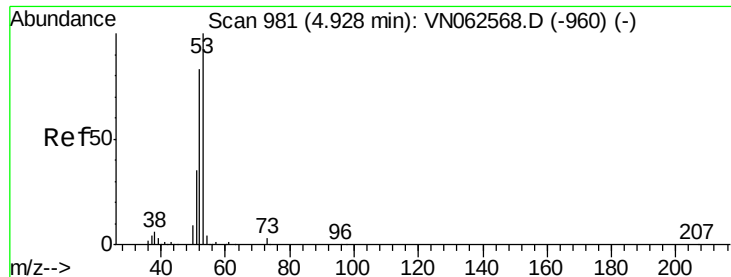
Ion Ratio Lower Upper

41 100

39 65.3 49.0 73.4

76 30.9 24.0 36.0





#15

Acrylonitrile

Concen: 85.148 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

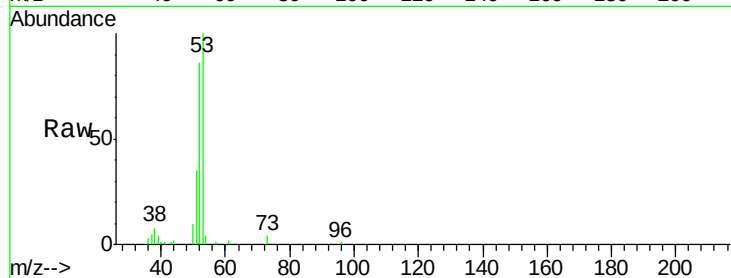
Tot Ion: 53 Resp: 95452

Ion Ratio Lower Upper

53 100

52 81.5 66.3 99.5

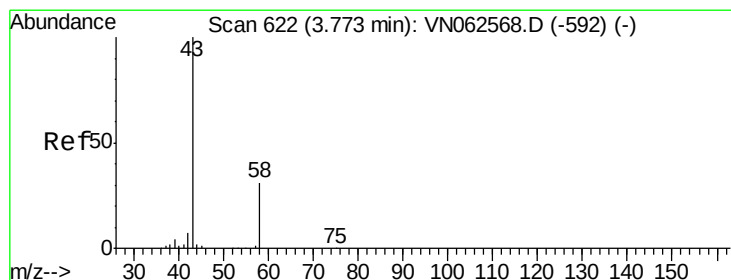
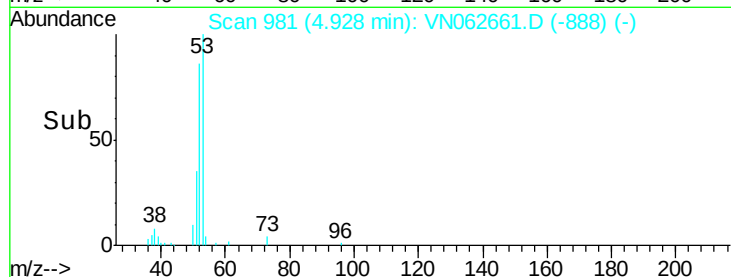
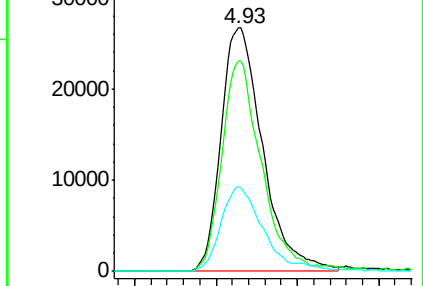
51 33.5 28.6 43.0



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: 86.777 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062661.D

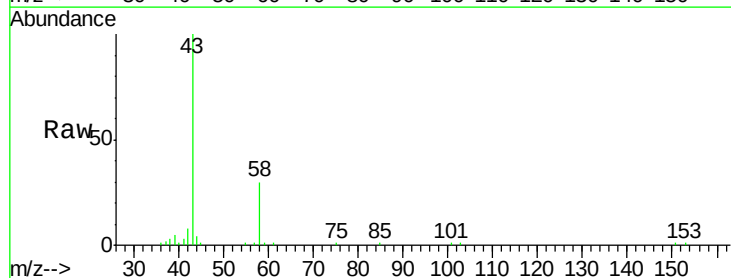
Acq: 30 Jul 2020 10:57

Tgt Ion: 43 Resp: 85912

Ion Ratio Lower Upper

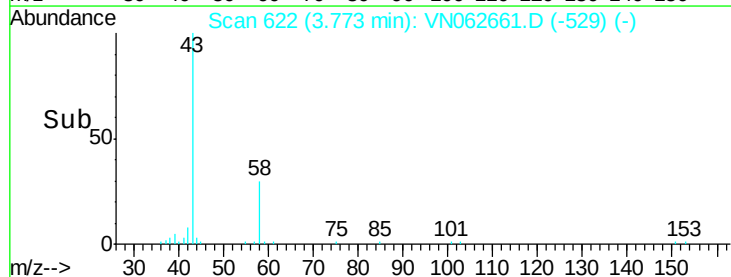
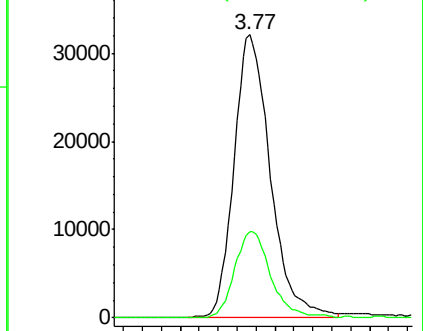
43 100

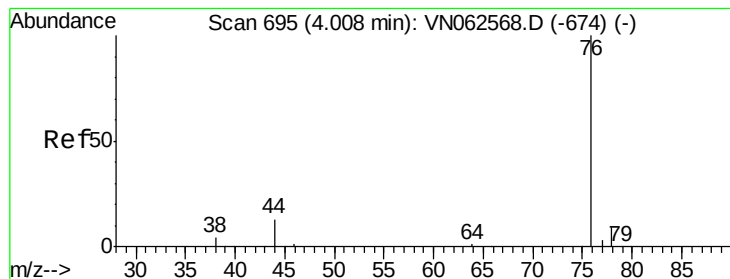
58 30.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 15.945 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

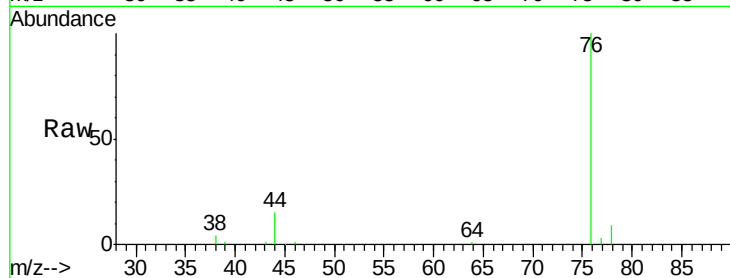
VN0730WBS01

Tot Ion: 76 Resp: 95005

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.00

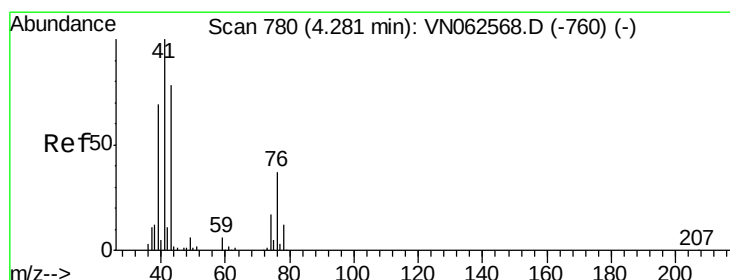
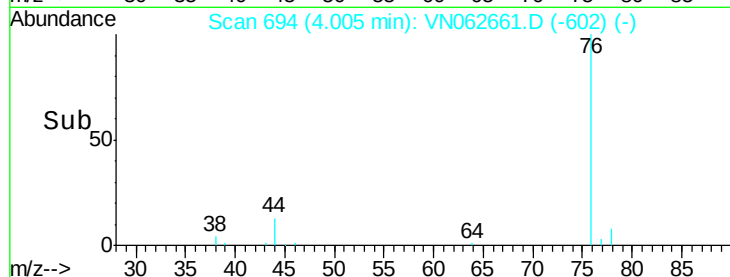
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 18.365 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062661.D

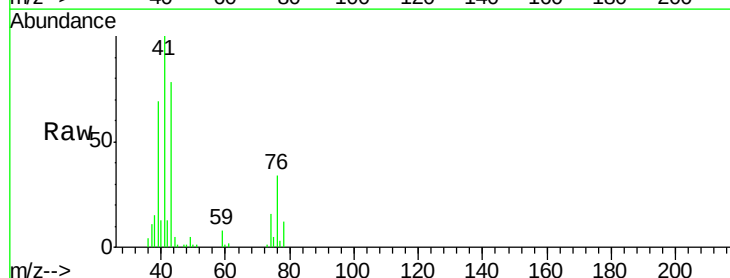
Acq: 30 Jul 2020 10:57

Tgt Ion: 43 Resp: 46030

Ion Ratio Lower Upper

43 100

74 21.5 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

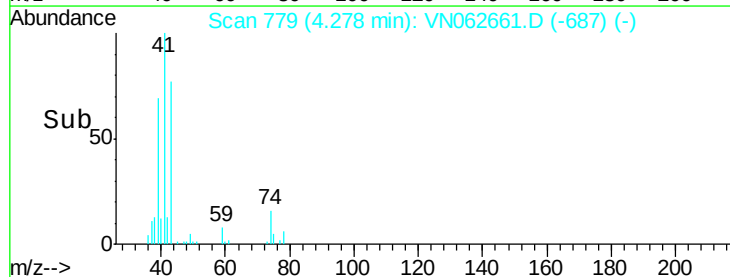
15000

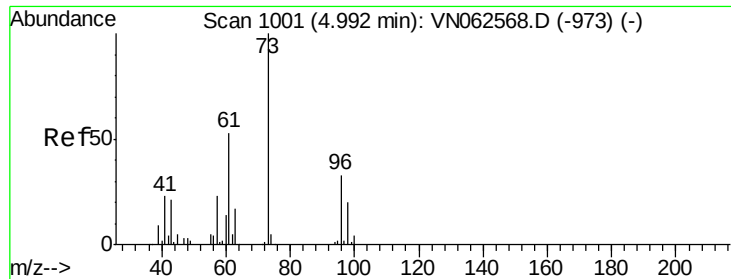
10000

5000

0

Time-->

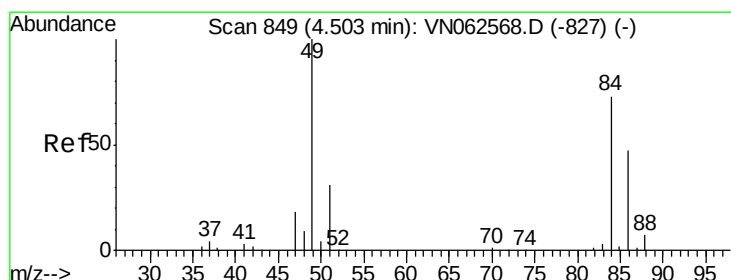
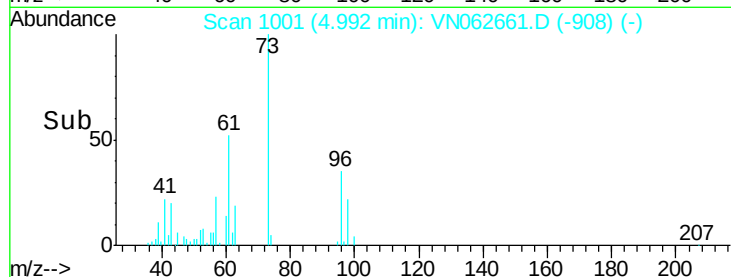
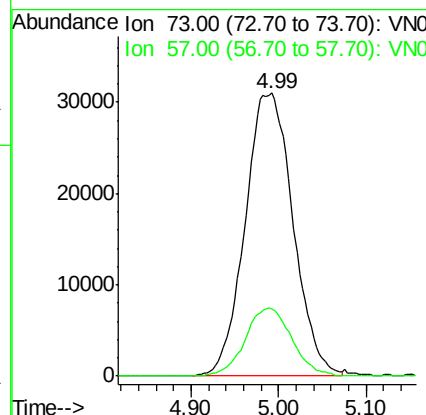
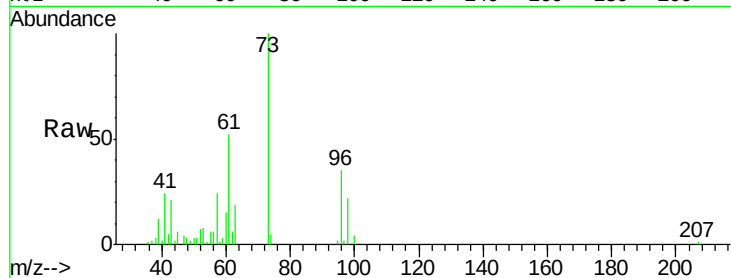




#19
Methyl tert-butyl Ether
Concen: 17.669 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

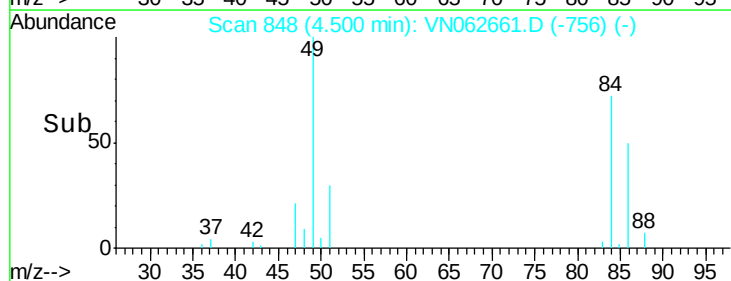
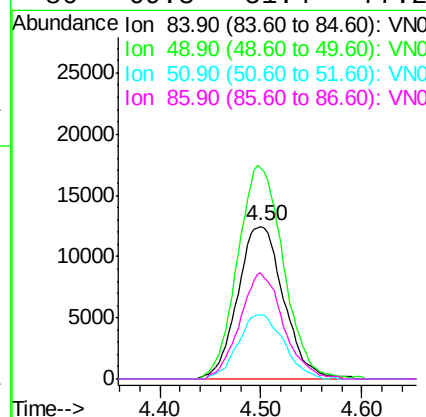
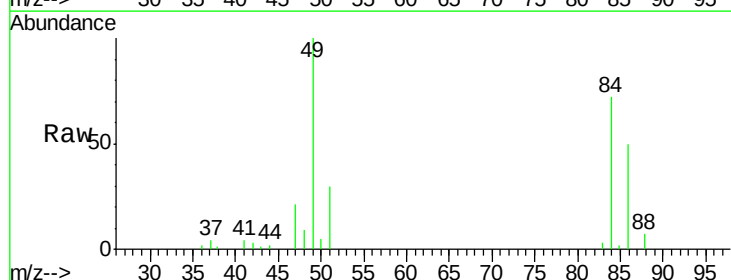
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

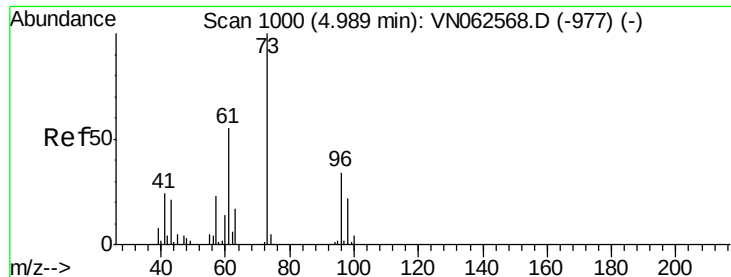
Tot Ion: 73 Resp: 117931
Ion Ratio Lower Upper
73 100
57 23.8 18.6 27.8



#20
Methylene Chloride
Concen: 16.598 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 84 Resp: 39413
Ion Ratio Lower Upper
84 100
49 138.7 109.4 164.0
51 42.3 33.6 50.4
86 69.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.730 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

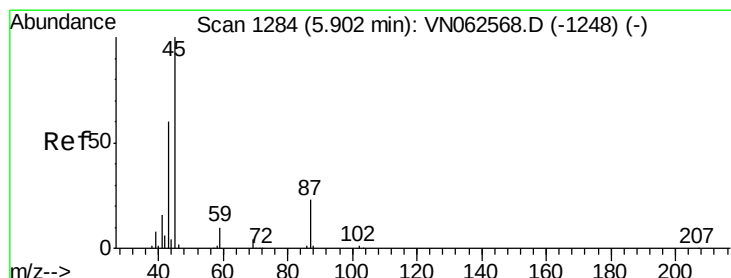
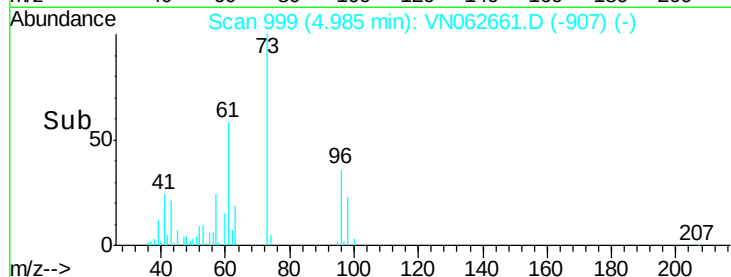
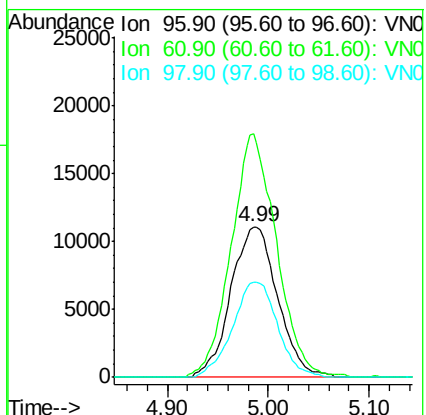
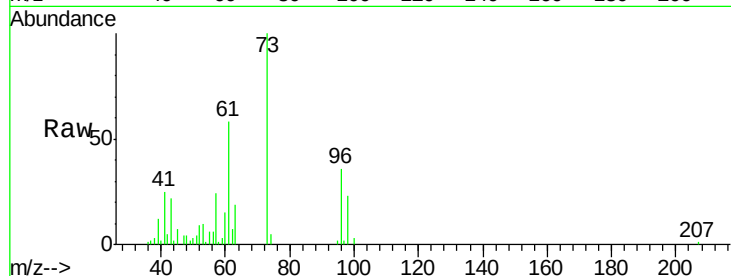
Tot Ion: 96 Resp: 35685

Ion Ratio Lower Upper

96 100

61 160.3 128.6 192.8

98 63.2 50.6 76.0



#22

Diisopropyl ether

Concen: 16.944 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tgt Ion: 45 Resp: 132112

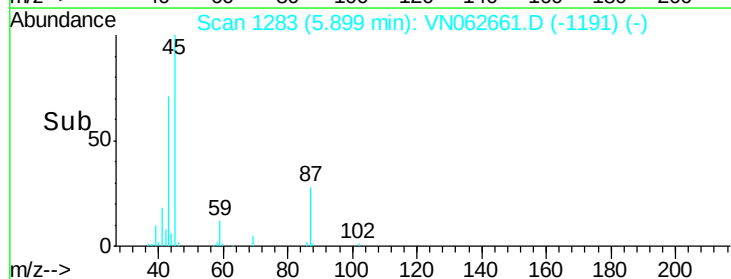
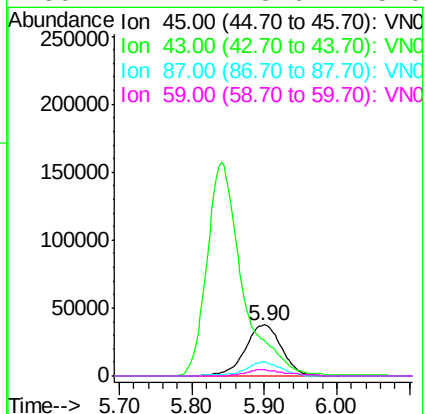
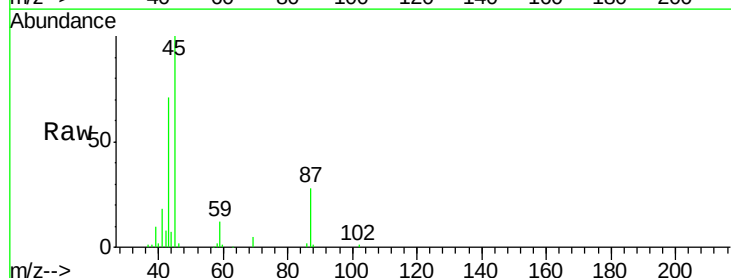
Ion Ratio Lower Upper

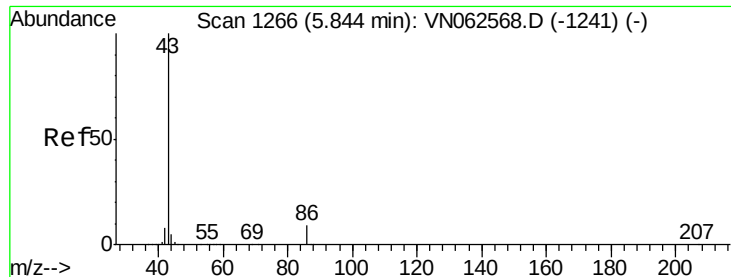
45 100

43 67.7 48.7 73.1

87 28.2 19.0 28.6

59 12.4 8.6 13.0





#23

Vinyl Acetate

Concen: 82.776 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

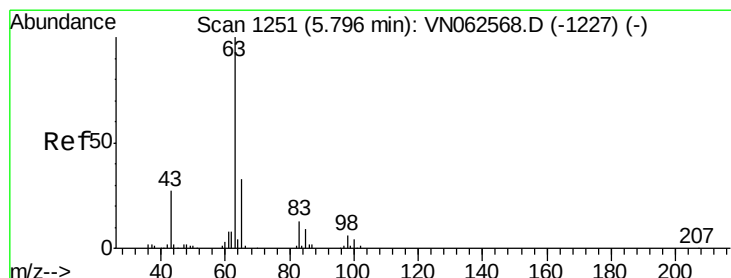
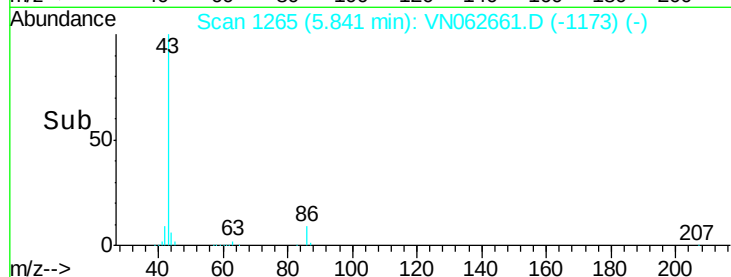
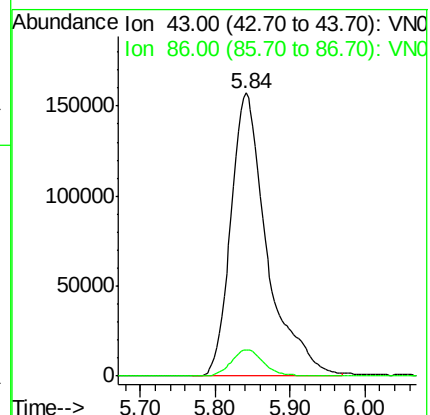
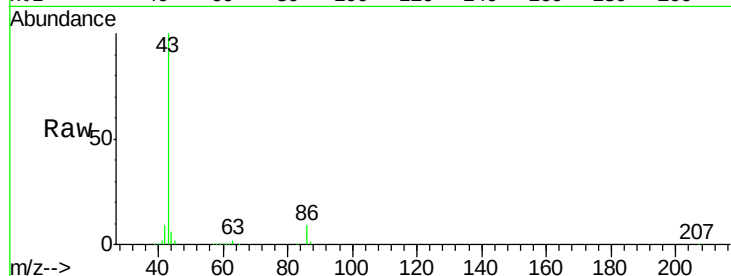
VN0730WBS01

Tot Ion: 43 Resp: 528840

Ion Ratio Lower Upper

43 100

86 9.3 6.9 10.3



#24

1,1-Dichloroethane

Concen: 17.530 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

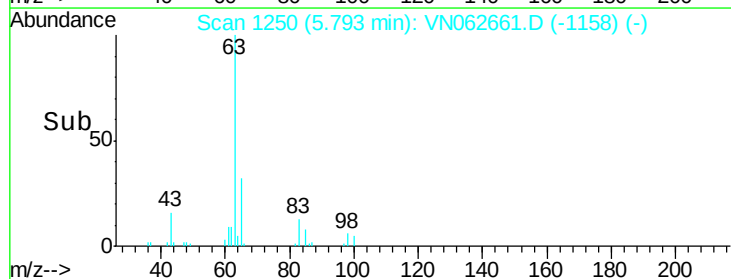
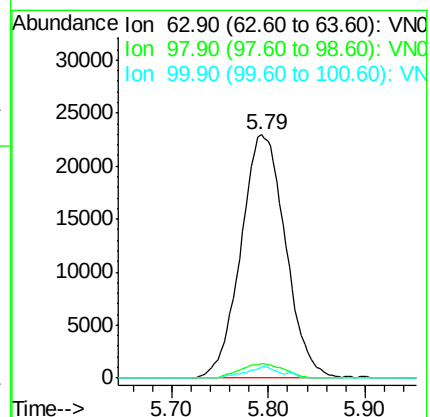
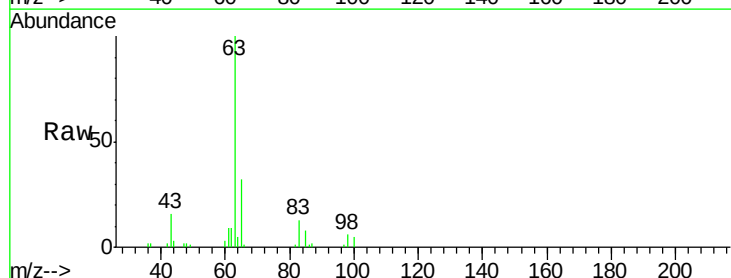
Tgt Ion: 63 Resp: 73605

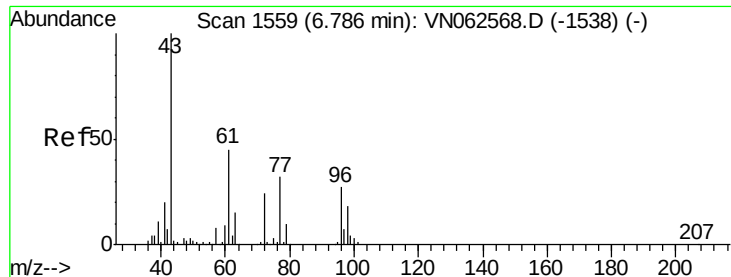
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 4.6 1.8 5.4

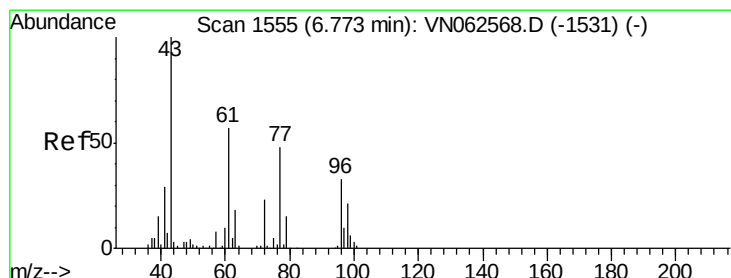
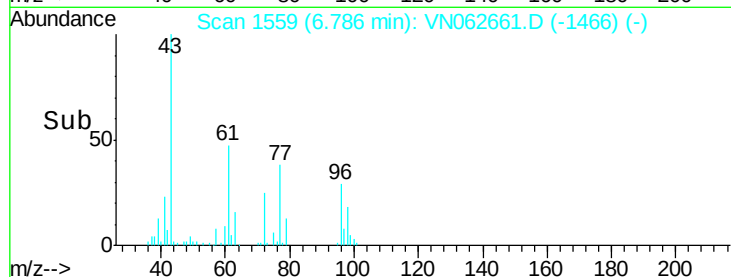
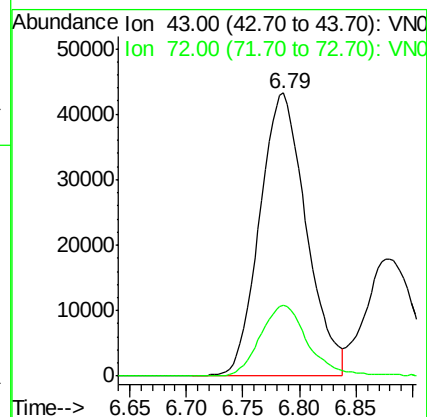
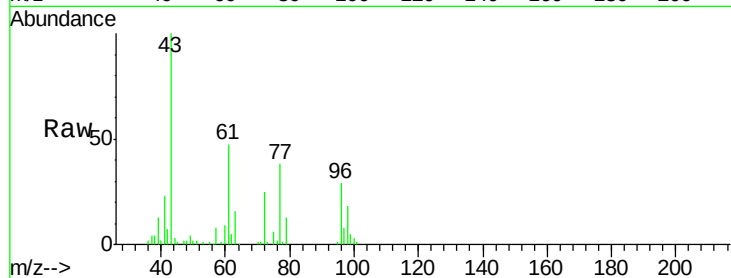




#25
2-Butanone
Concen: 82.087 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

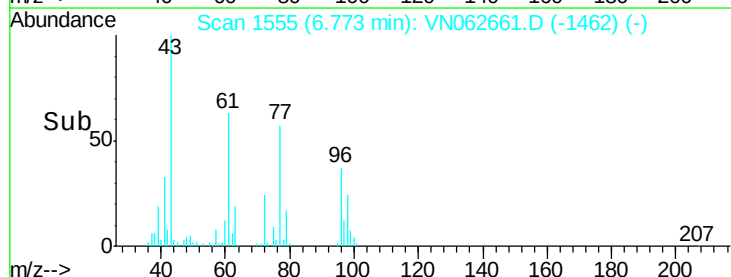
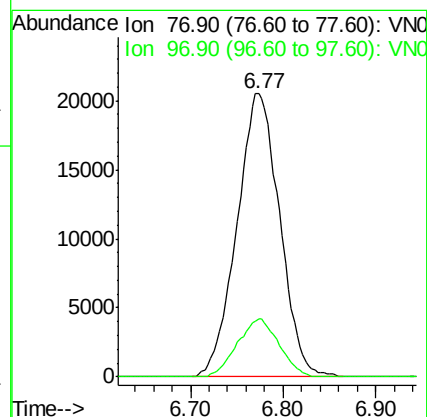
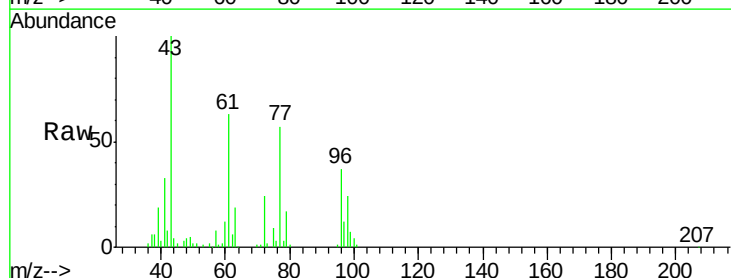
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

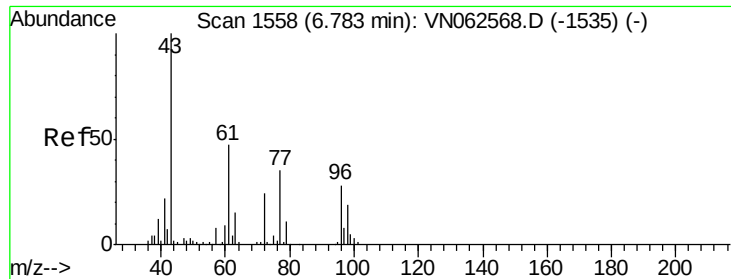
Tot Ion: 43 Resp: 123770
Ion Ratio Lower Upper
43 100
72 25.0 19.0 28.6



#26
2,2-Dichloropropane
Concen: 19.023 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 77 Resp: 65569
Ion Ratio Lower Upper
77 100
97 19.9 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 17.375 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

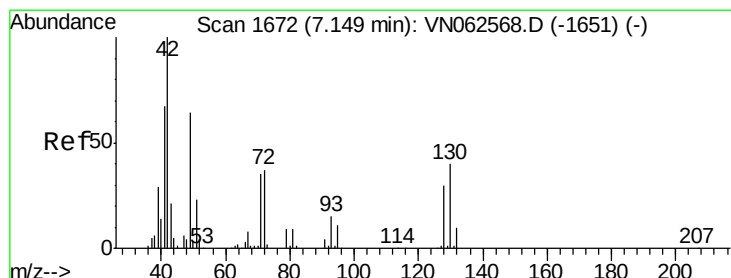
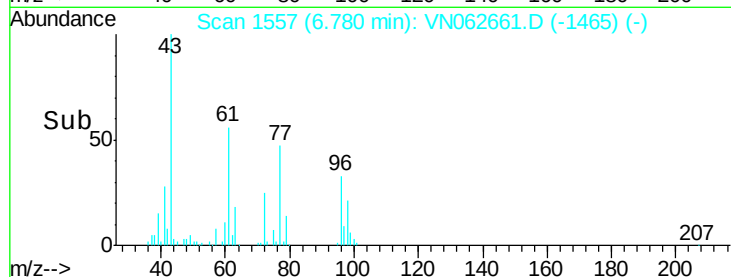
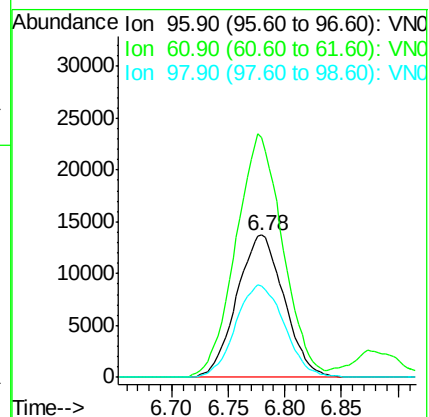
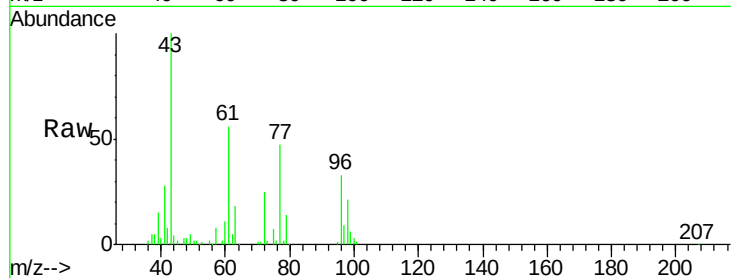
Tot Ion: 96 Resp: 39903

Ion Ratio Lower Upper

96 100

61 169.9 0.0 332.4

98 66.9 0.0 127.4



#28

Bromochloromethane

Concen: 18.855 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

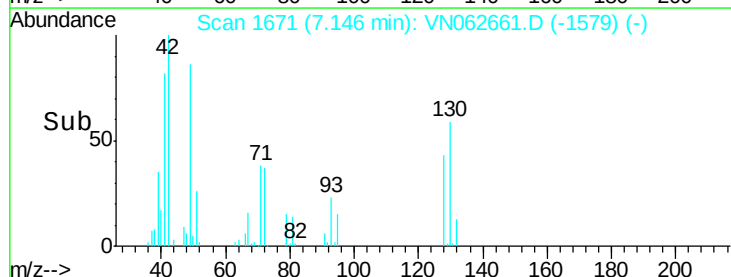
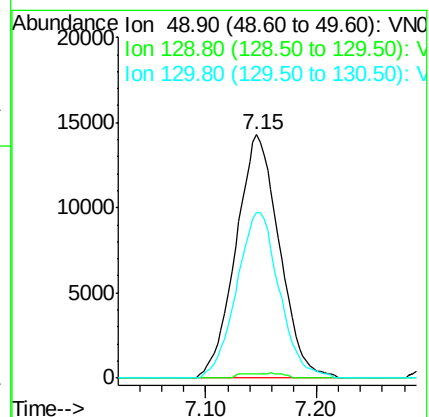
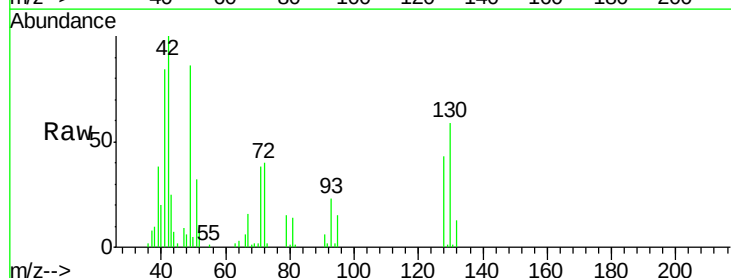
Tgt Ion: 49 Resp: 38961

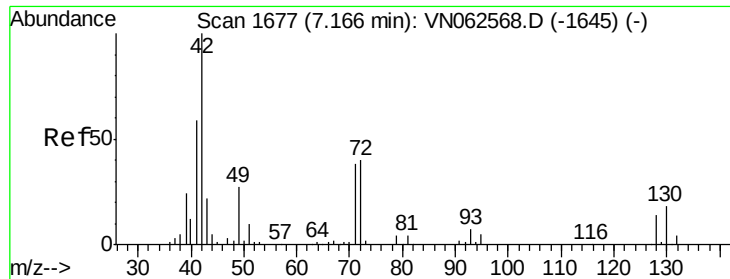
Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.4

130 67.2 49.8 74.8

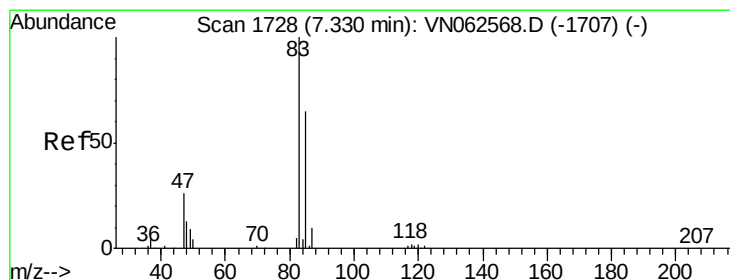
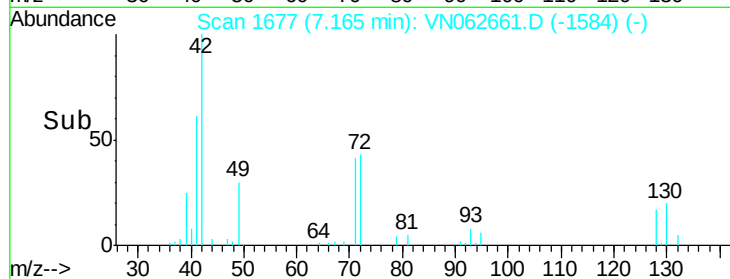
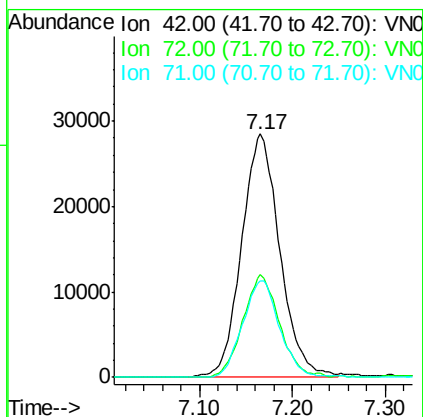
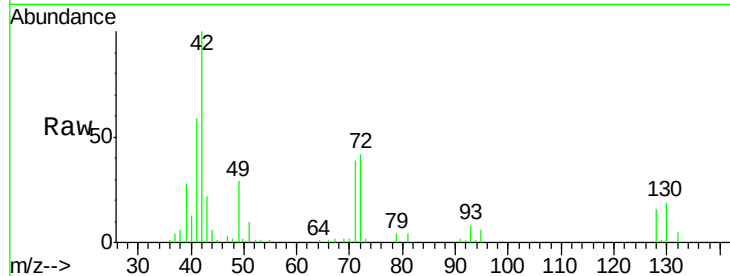




#29
Tetrahydrofuran
Concen: 79.938 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

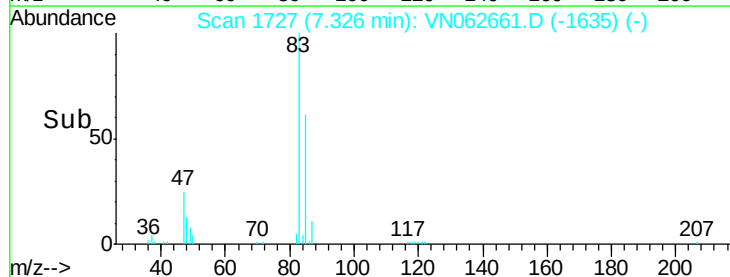
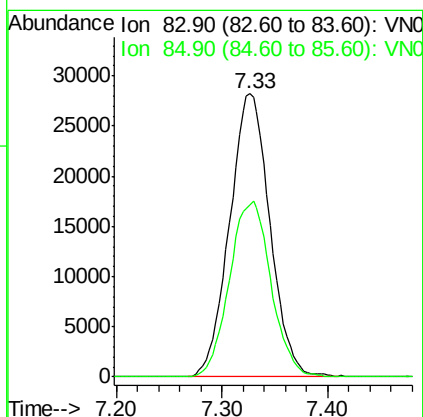
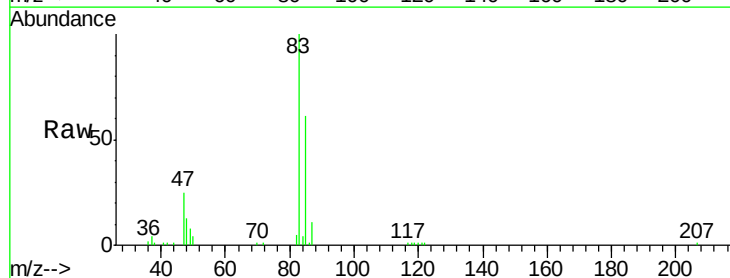
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

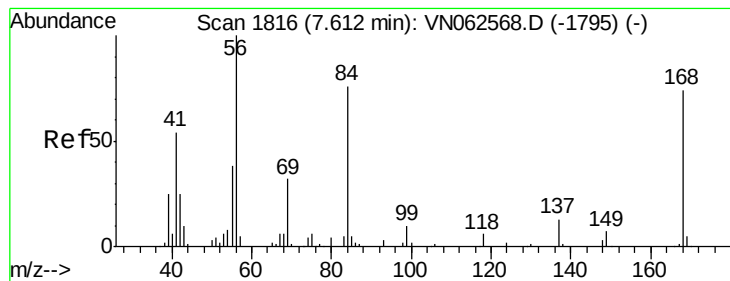
Tot Ion: 42 Resp: 81558
Ion Ratio Lower Upper
42 100
72 39.8 30.7 46.1
71 38.2 29.1 43.7



#30
Chloroform
Concen: 18.746 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 83 Resp: 74835
Ion Ratio Lower Upper
83 100
85 60.8 52.0 78.0





#31

Cyclohexane

Concen: 15.964 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

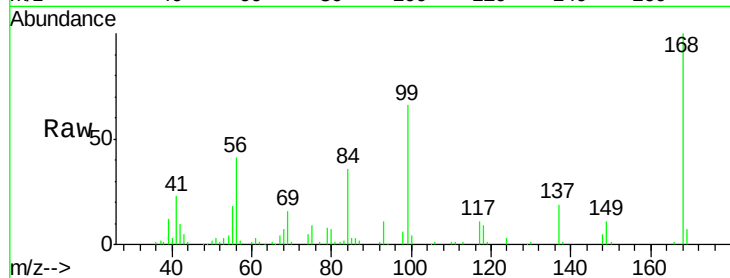
Tot Ion: 56 Resp: 61887

Ion Ratio Lower Upper

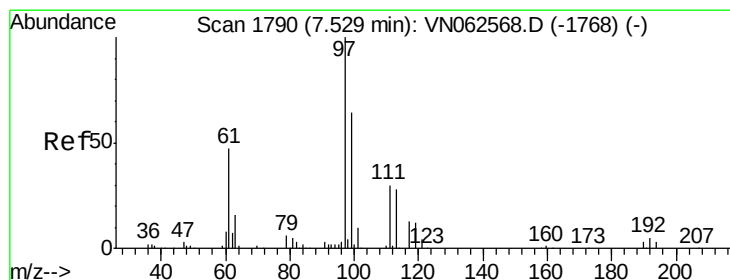
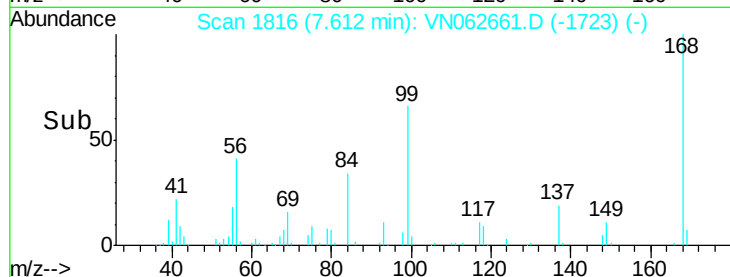
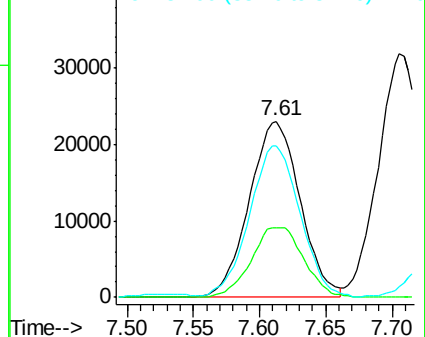
56 100

69 39.7 25.3 37.9#

84 85.4 61.0 91.4



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: 19.897 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

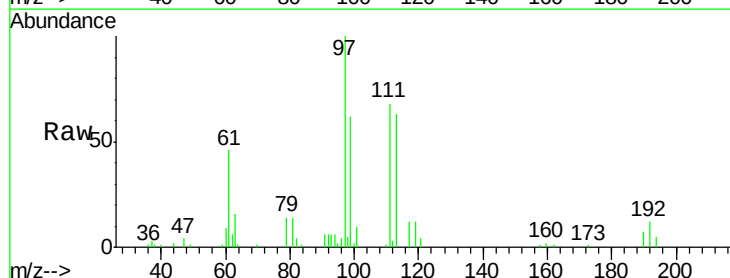
Tgt Ion: 97 Resp: 66318

Ion Ratio Lower Upper

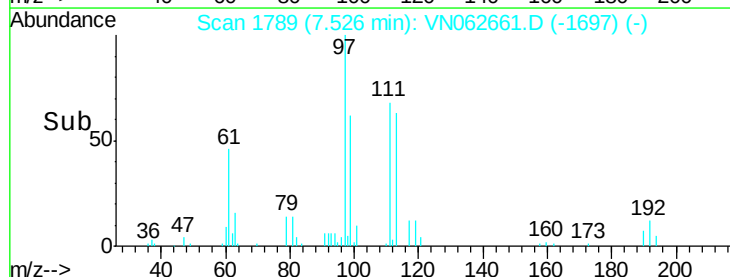
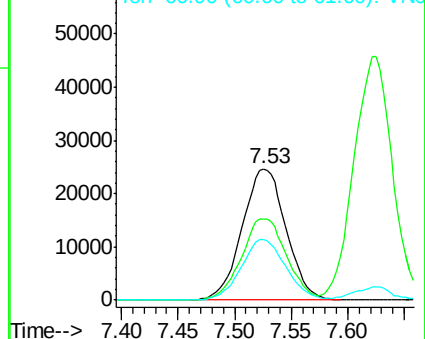
97 100

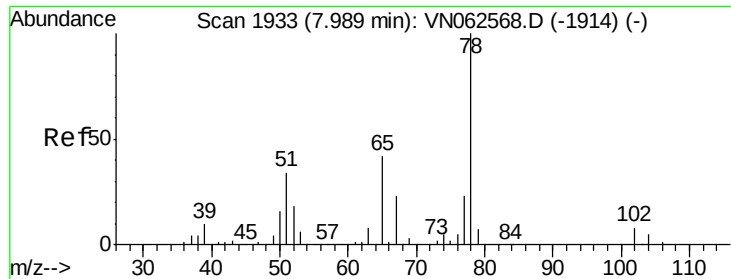
99 63.7 51.2 76.8

61 46.9 38.4 57.6



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: 50.531 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

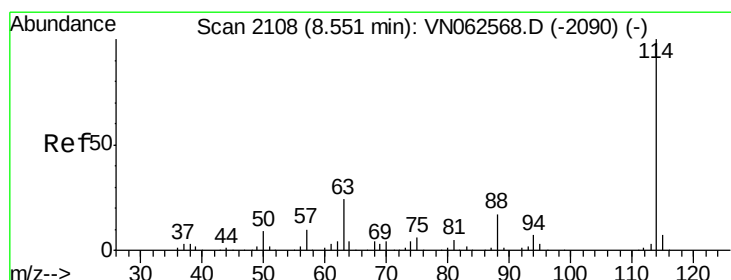
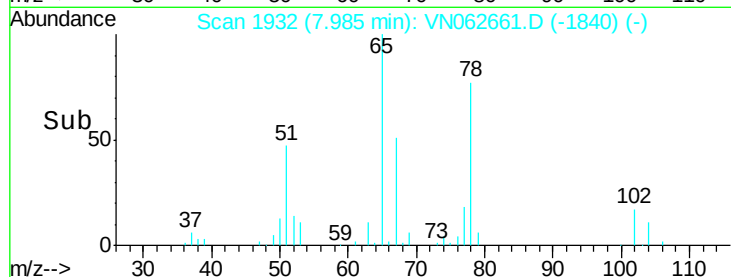
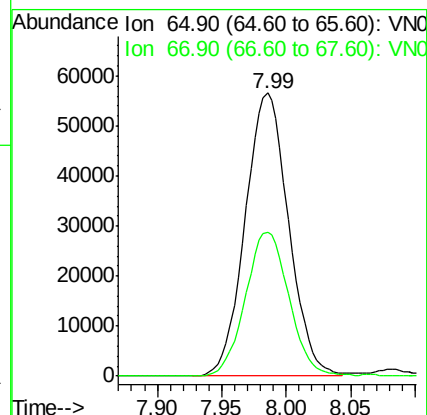
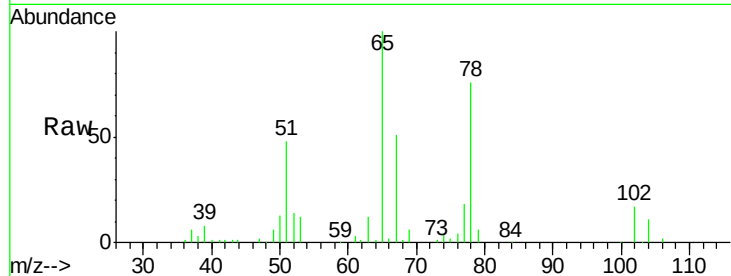
VN0730WBS01

Tot Ion: 65 Resp: 132943

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

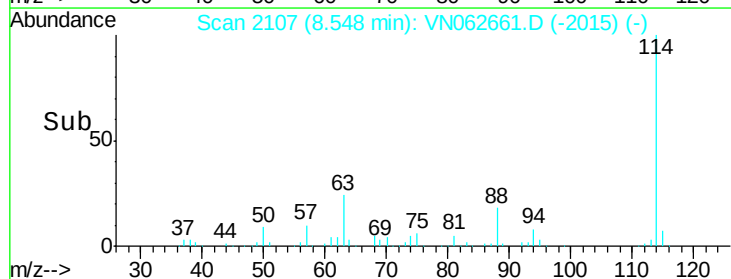
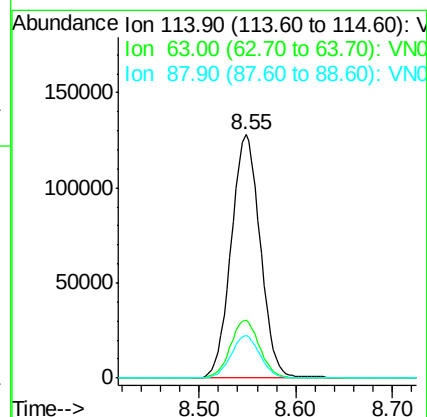
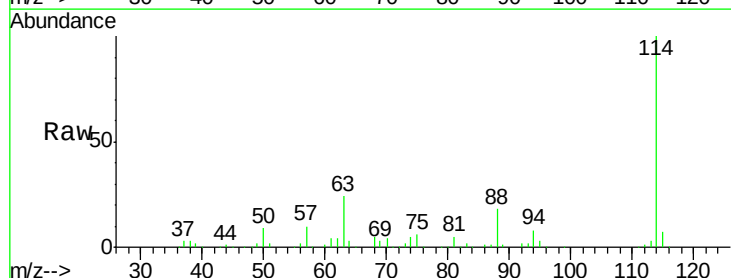
Tgt Ion: 114 Resp: 268311

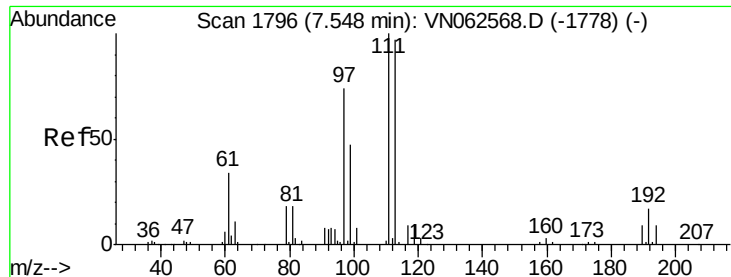
Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.4

88 17.5 0.0 33.8

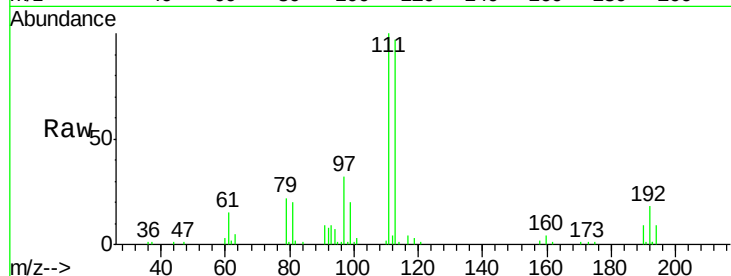




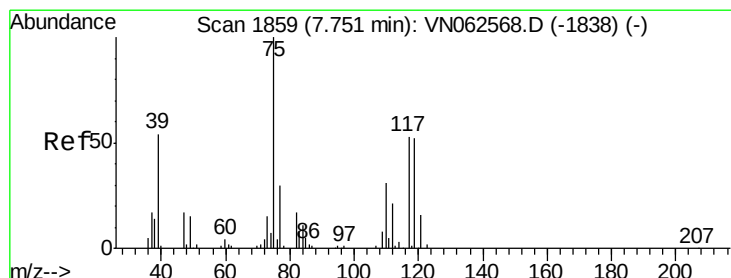
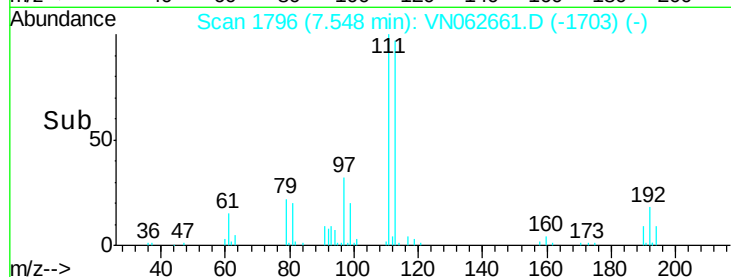
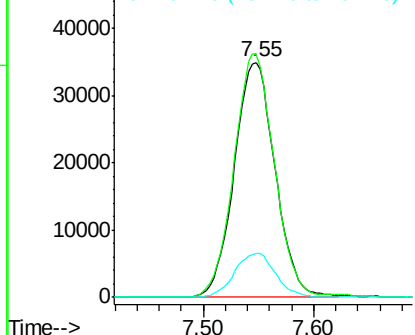
#35
 Dibromofluoromethane
 Concen: 50.871 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Tot Ion:113 Resp: 89656
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.7 124.1
 192 18.8 14.8 22.2

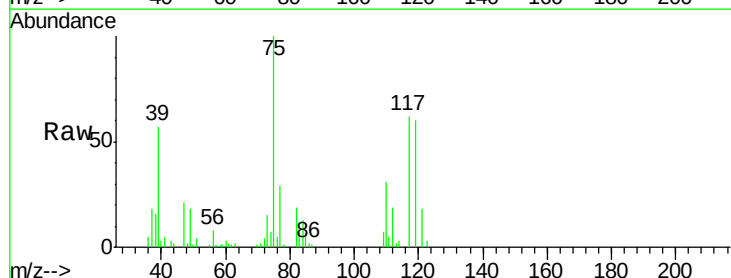


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

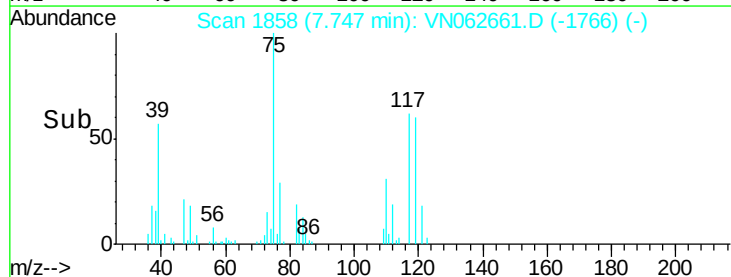
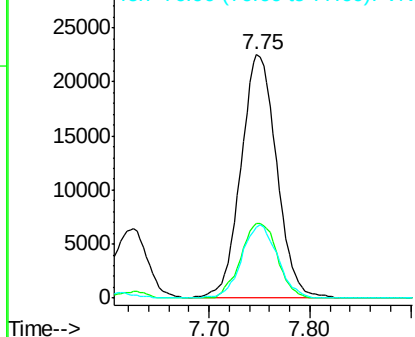


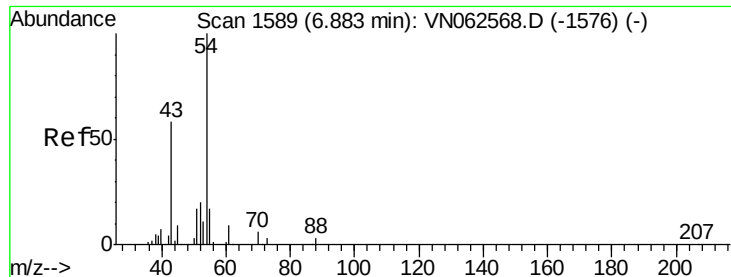
#36
 1,1-Dichloropropene
 Concen: 19.342 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion: 75 Resp: 55315
 Ion Ratio Lower Upper
 75 100
 110 31.3 16.0 48.0
 77 30.1 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

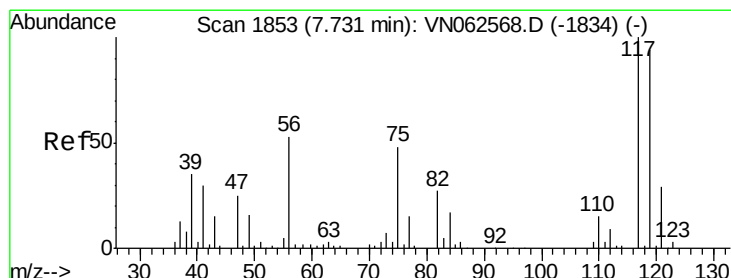
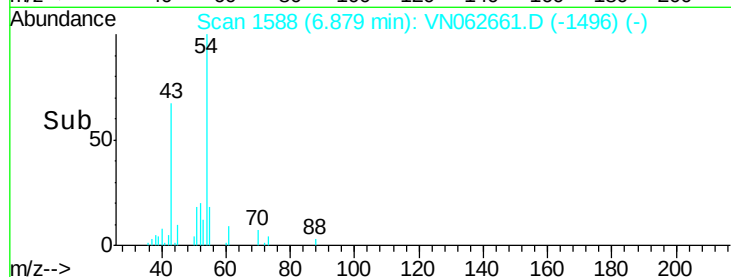
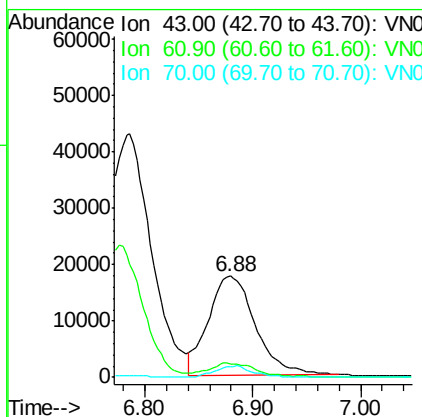
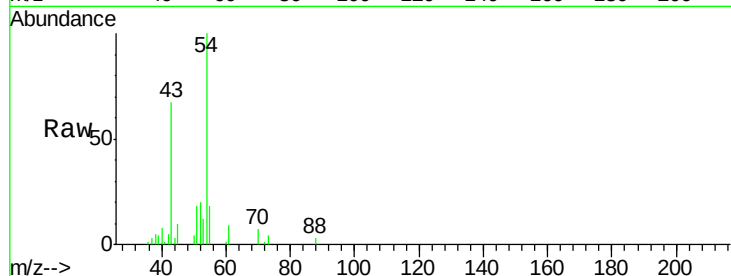




#37
Ethyl Acetate
Concen: 17.548 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

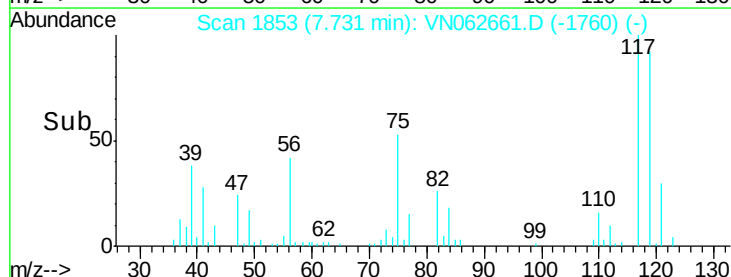
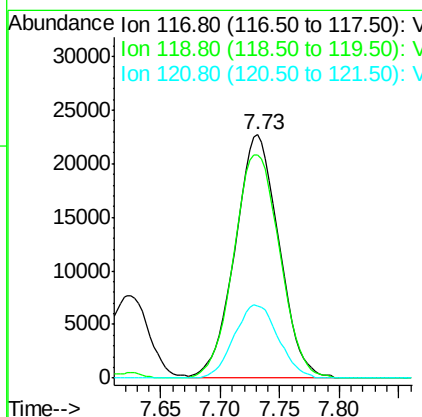
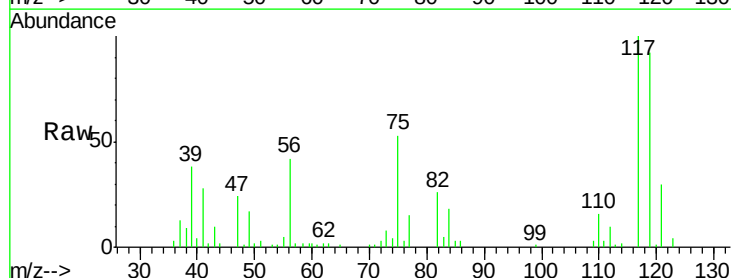
Instrument :
MSVOA_N
ClientSampled :
VN0730WBS01

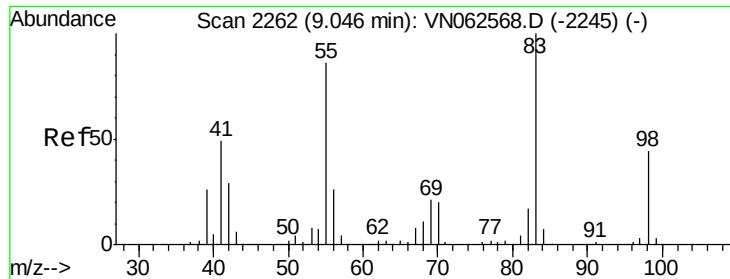
Tot Ion: 43 Resp: 54099
Ion Ratio Lower Upper
43 100
61 13.2 11.3 16.9
70 8.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.134 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 117 Resp: 58098
Ion Ratio Lower Upper
117 100
119 91.5 74.8 112.2
121 29.7 23.0 34.6

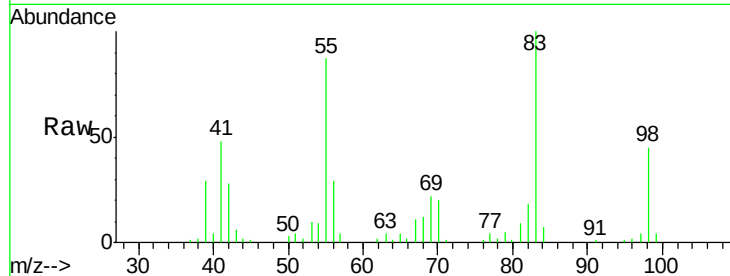




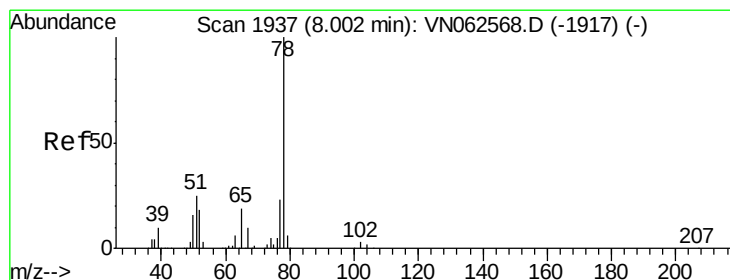
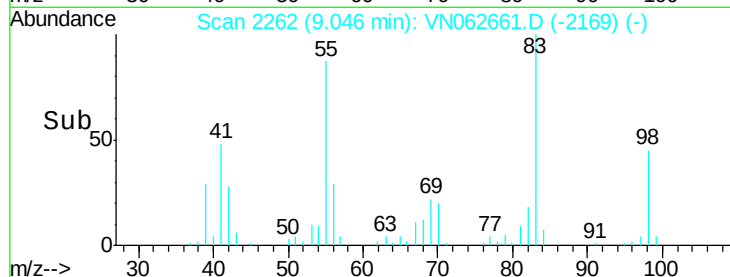
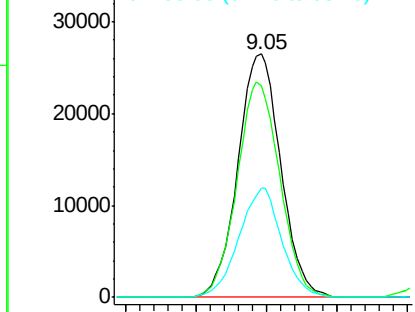
#39
Methylvlcyclohexane
Concen: 18.292 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion: 83 Resp: 56314
Ion Ratio Lower Upper
83 100
55 87.0 68.9 103.3
98 44.8 35.1 52.7

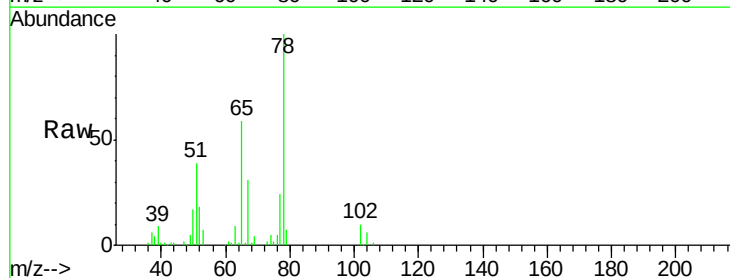


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

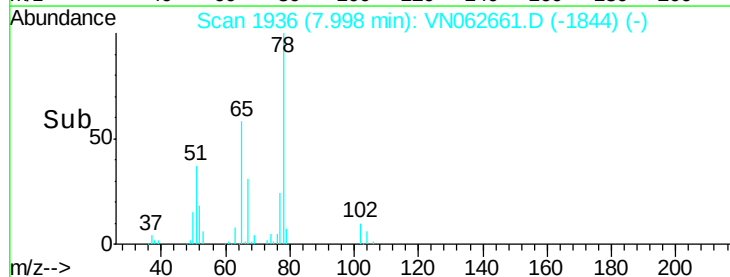
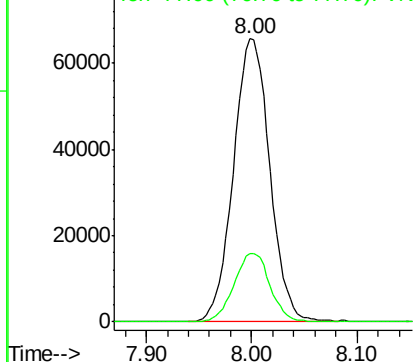


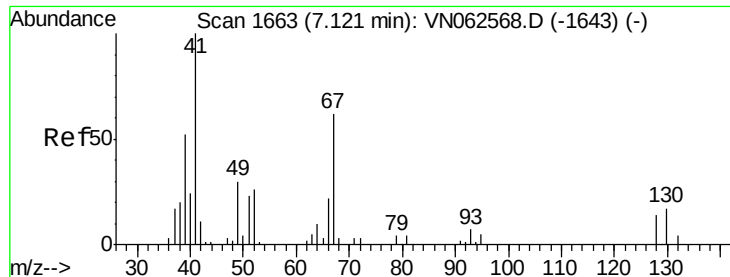
#40
Benzene
Concen: 18.153 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 78 Resp: 157178
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1



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

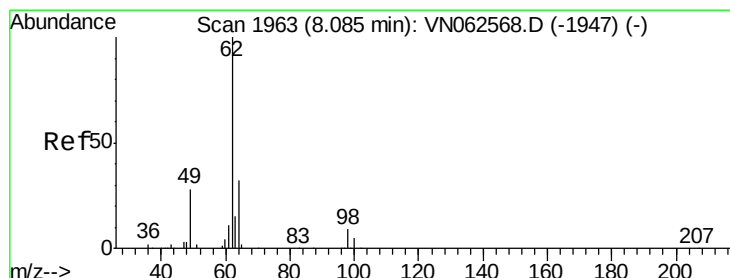
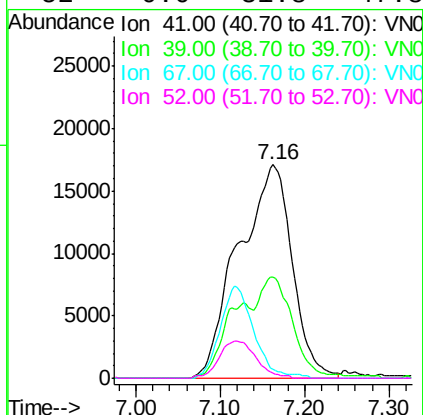
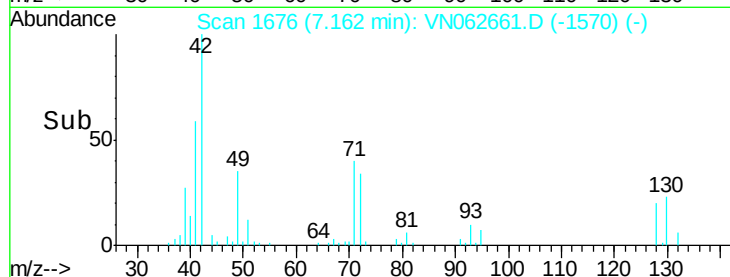
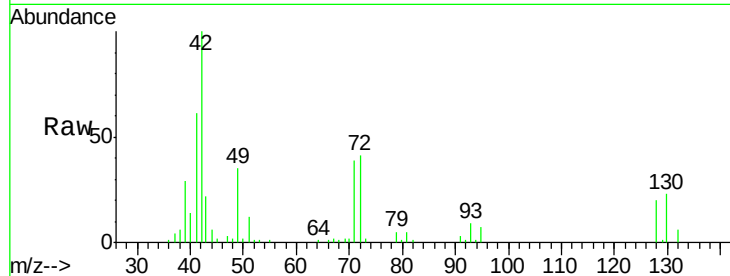




#41
Methacrylonitrile
Concen: 57.202 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

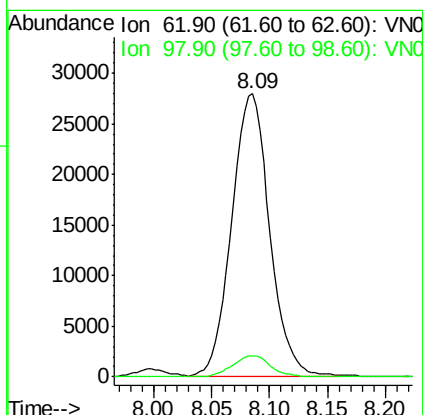
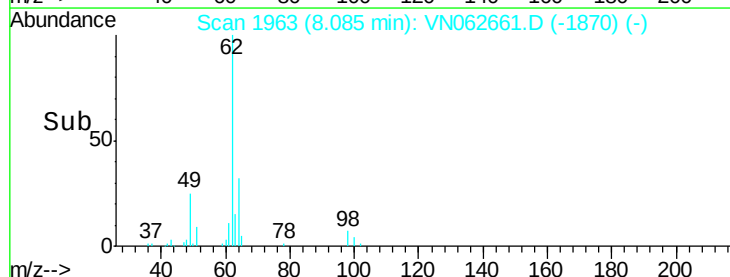
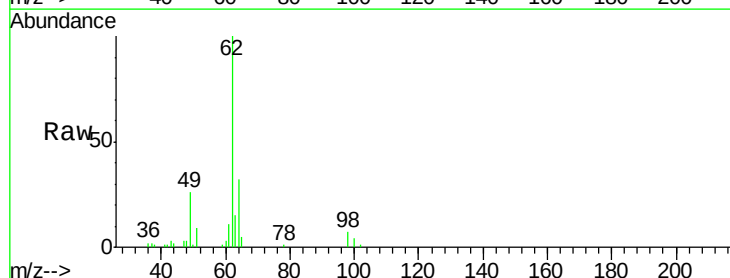
Instrument :
MSVOA_N
ClientSampled :
VN0730WBS01

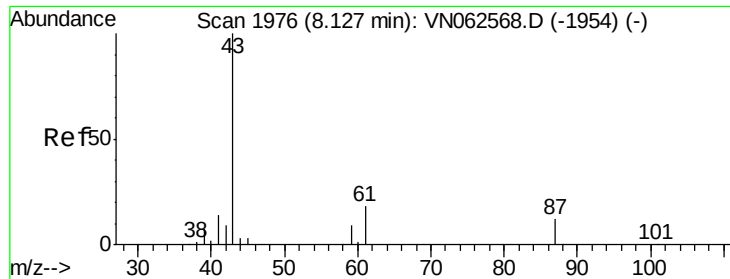
Tot Ion: 41 Resp: 75577
Ion Ratio Lower Upper
41 100
39 26.5 55.8 83.6#
67 0.0 72.5 108.7#
52 0.0 31.8 47.8#



#42
1,2-Dichloroethane
Concen: 20.206 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 62 Resp: 63960
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.2





#43

Isopropyl Acetate

Concen: 17.730 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

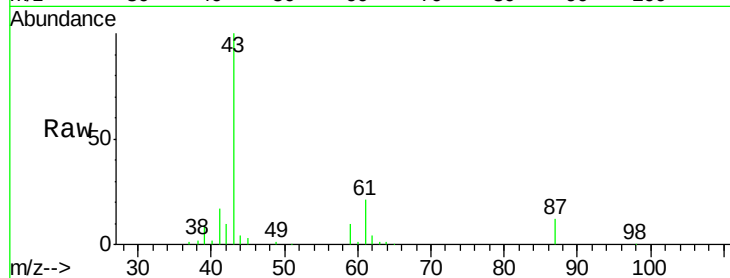
Tot Ion: 43 Resp: 88112

Ion Ratio Lower Upper

43 100

61 19.7 20.8 31.2#

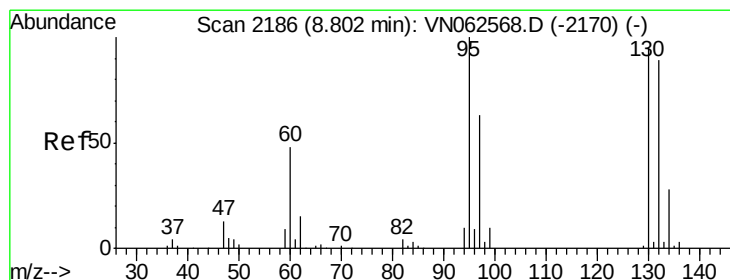
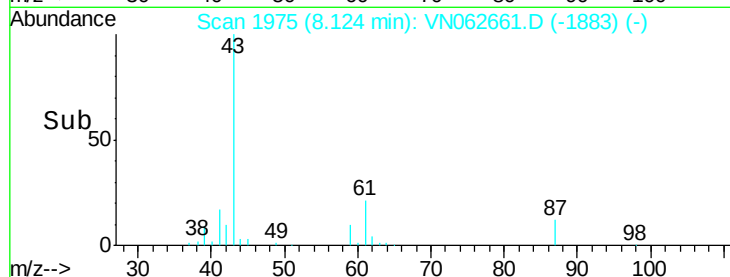
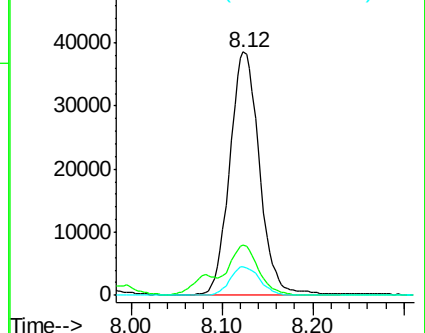
87 11.6 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)



#44

Trichloroethene

Concen: 18.604 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062661.D

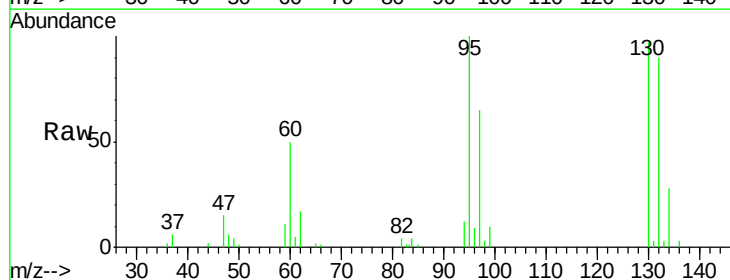
Acq: 30 Jul 2020 10:57

Tgt Ion:130 Resp: 36325

Ion Ratio Lower Upper

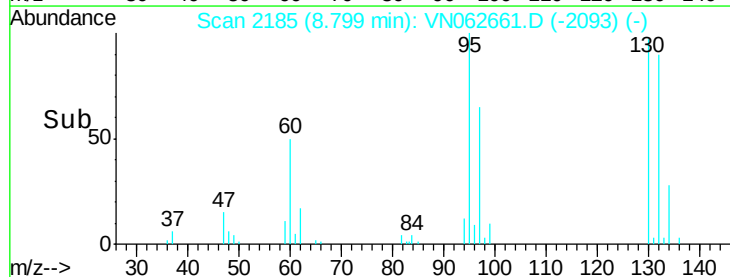
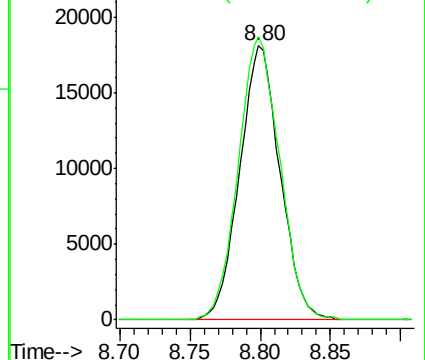
130 100

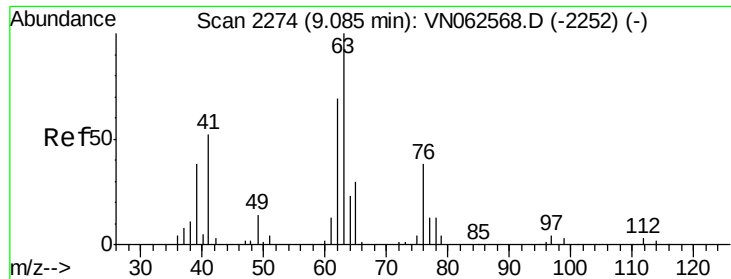
95 103.3 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062568.D (-2170) (-)

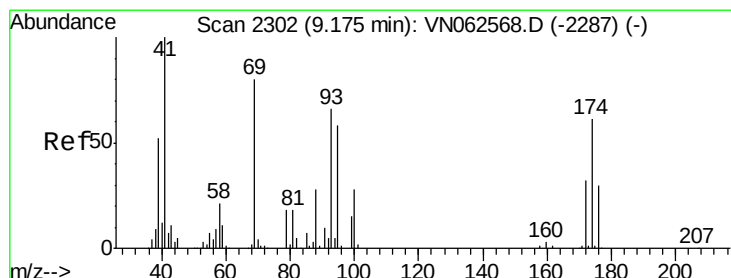
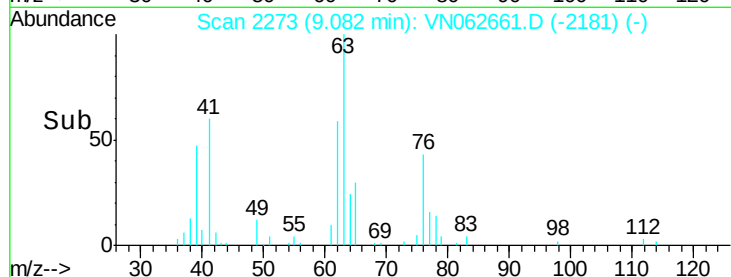
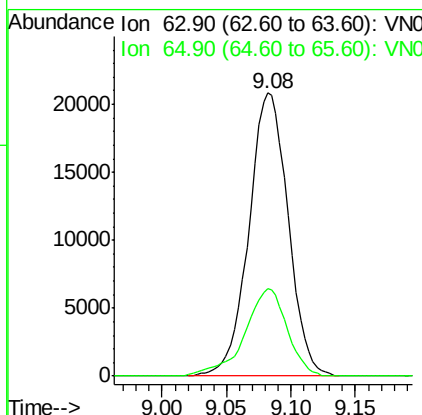
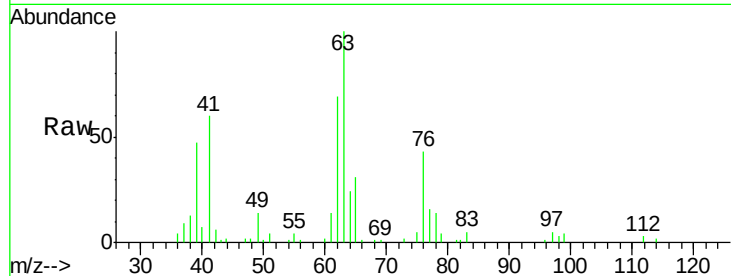




#45
 1,2-Dichloropropane
 Concen: 18.191 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

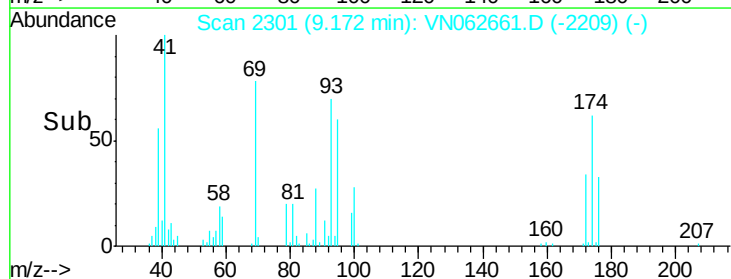
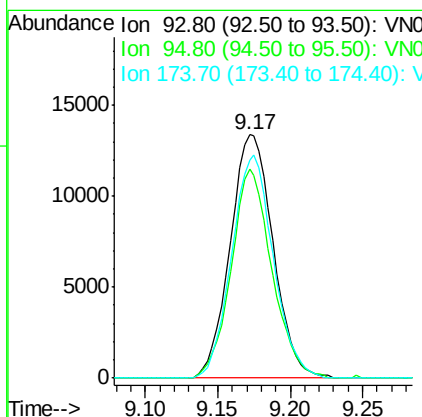
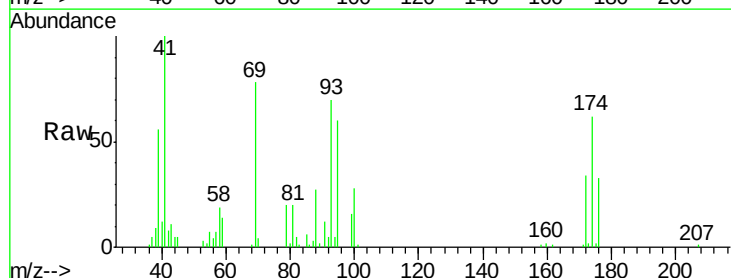
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

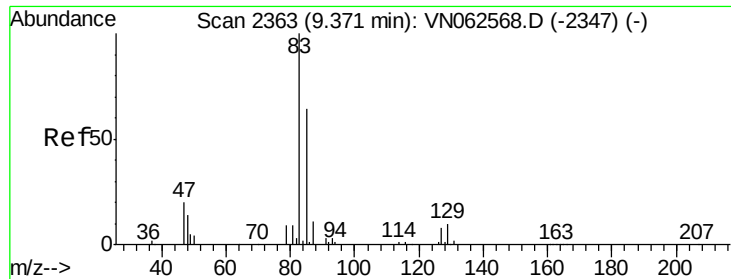
Tot Ion: 63 Resp: 44221
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.4 36.6



#46
 Dibromomethane
 Concen: 19.588 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion: 93 Resp: 27522
 Ion Ratio Lower Upper
 93 100
 95 81.2 67.6 101.4
 174 88.9 72.5 108.7

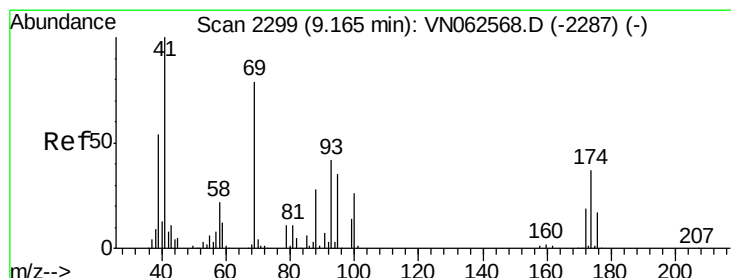
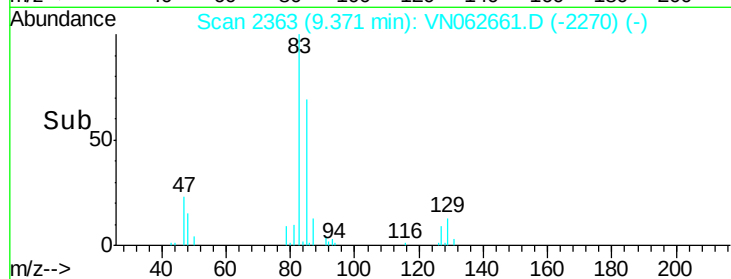
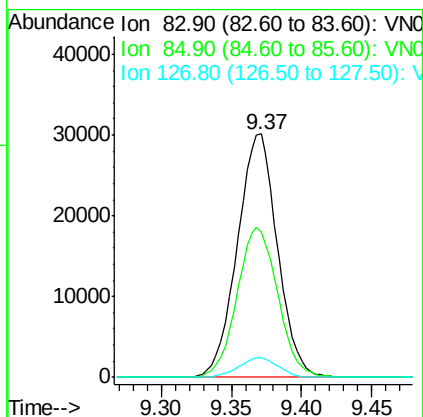
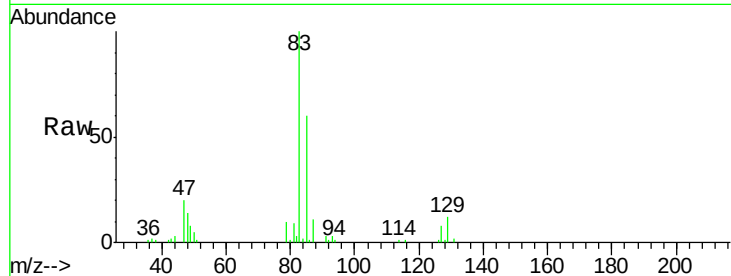




#47
Bromodichloromethane
Concen: 19.679 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

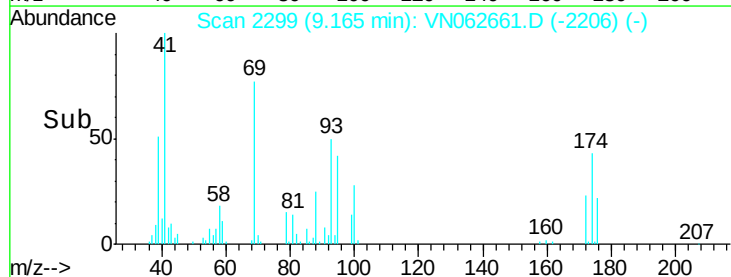
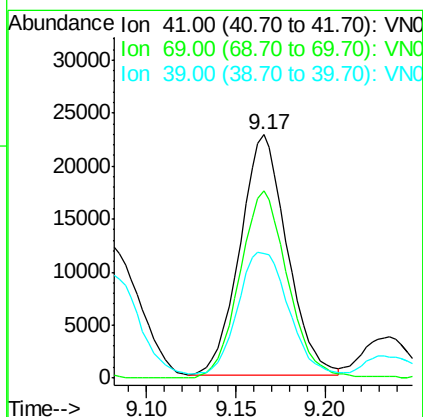
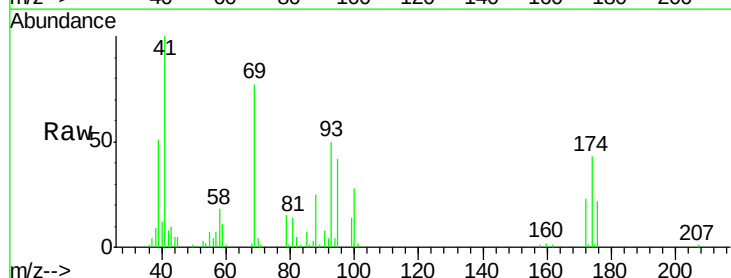
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

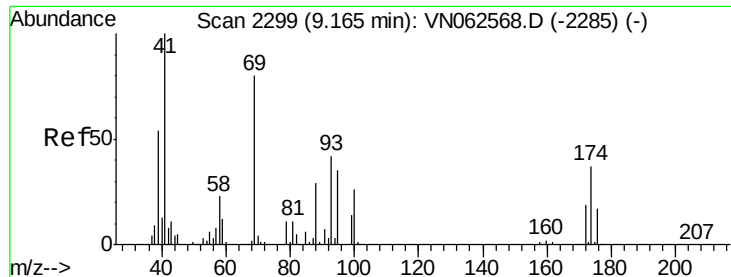
Tot Ion: 83 Resp: 59901
Ion Ratio Lower Upper
83 100
85 59.5 51.6 77.4
127 8.0 6.2 9.2



#48
Methyl methacrylate
Concen: 17.760 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 41 Resp: 41957
Ion Ratio Lower Upper
41 100
69 79.5 64.4 96.6
39 58.1 43.5 65.3

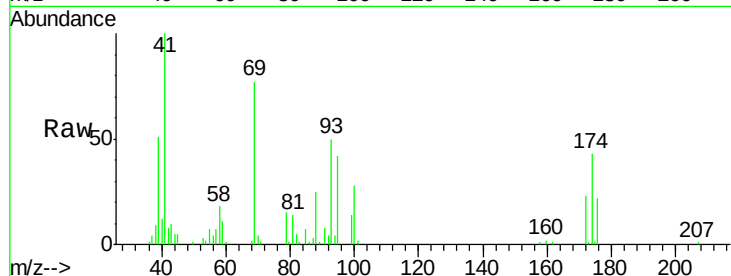




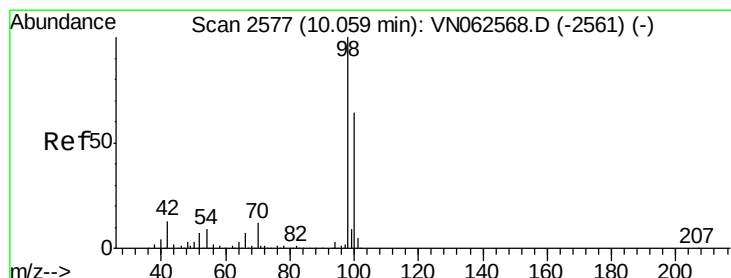
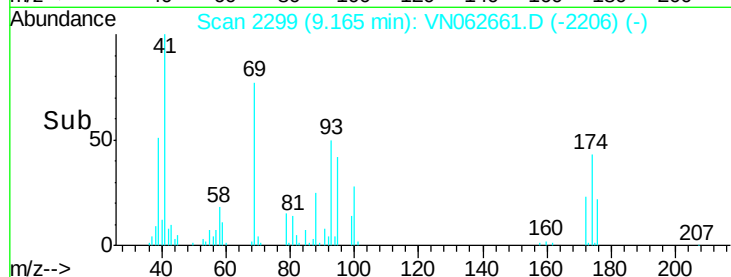
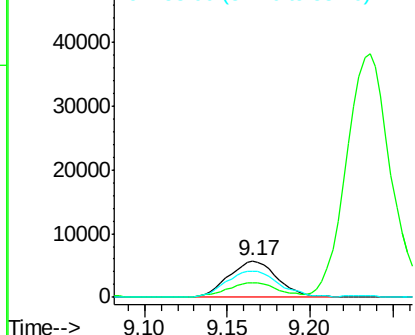
#49
1,4-Dioxane
Concen: 323.224 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion: 88 Resp: 11728
Ion Ratio Lower Upper
88 100
43 41.7 32.0 48.0
58 77.4 62.8 94.2

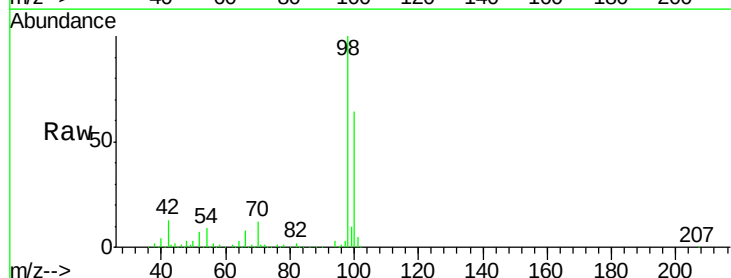


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

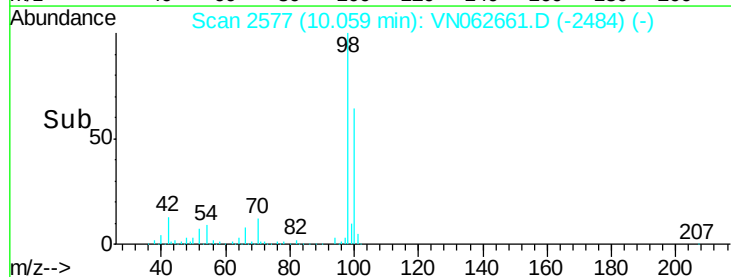
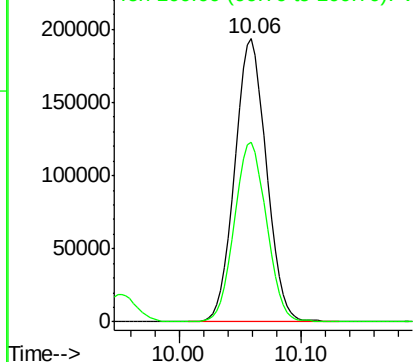


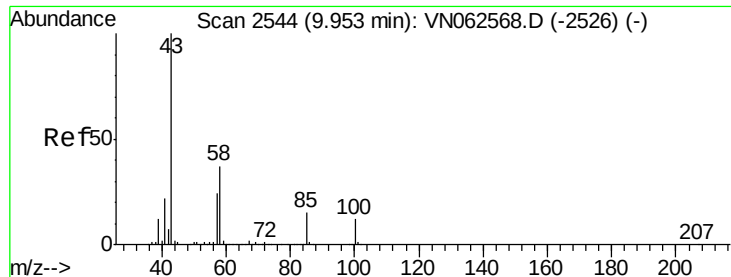
#50
Toluene-d8
Concen: 49.475 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 98 Resp: 347906
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

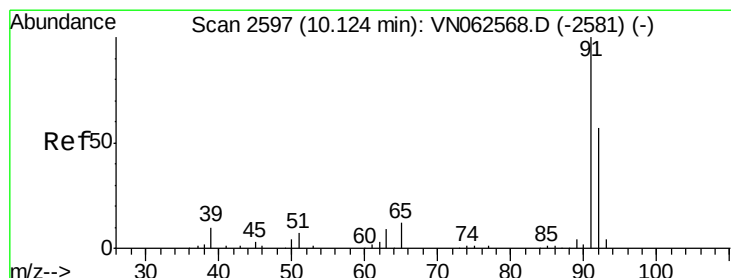
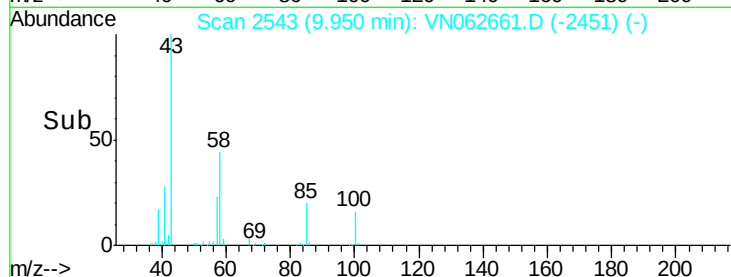
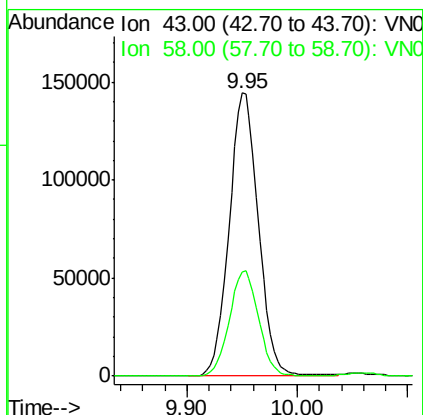
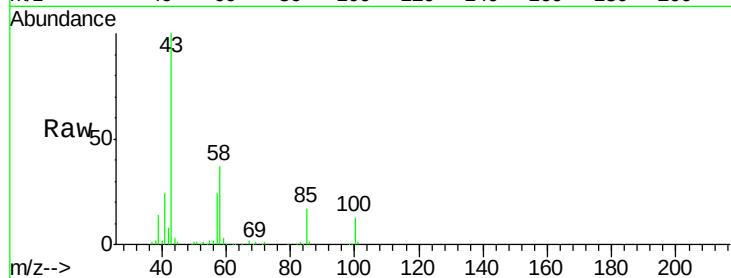




#51
 4-Methyl-2-Pentanone
 Concen: 89.384 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

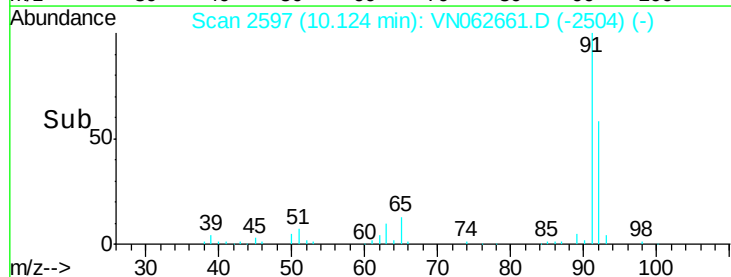
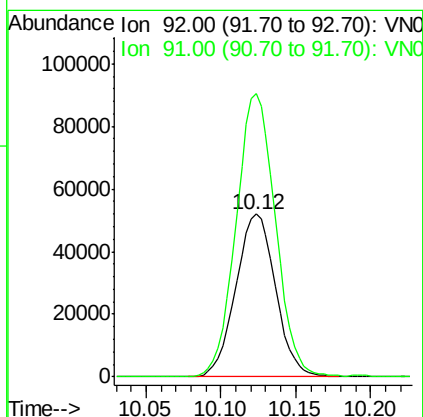
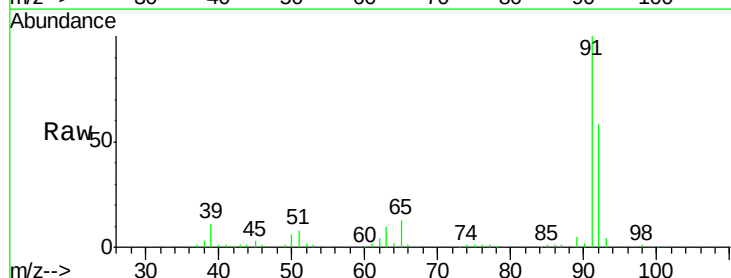
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

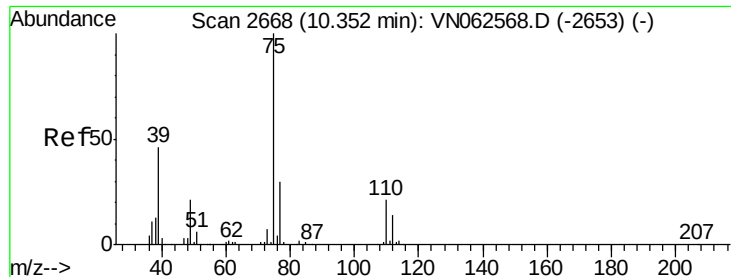
Tot Ion: 43 Resp: 265791
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.8 44.6



#52
 Toluene
 Concen: 19.142 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion: 92 Resp: 96239
 Ion Ratio Lower Upper
 92 100
 91 172.0 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 19.141 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

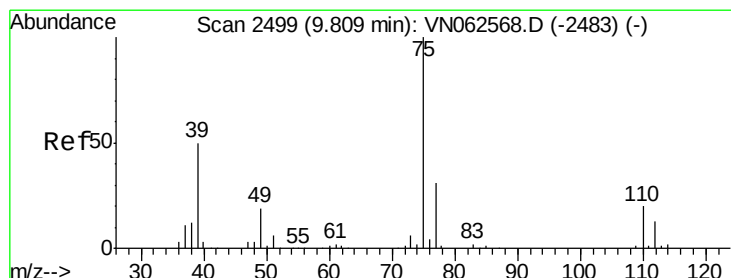
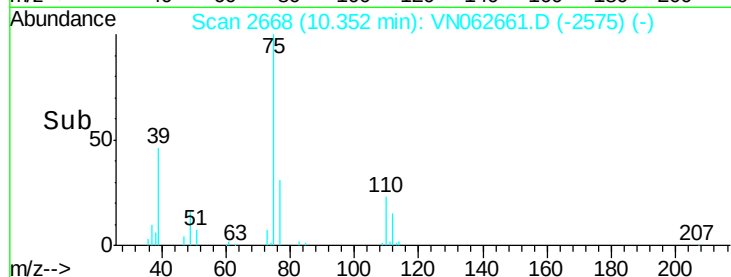
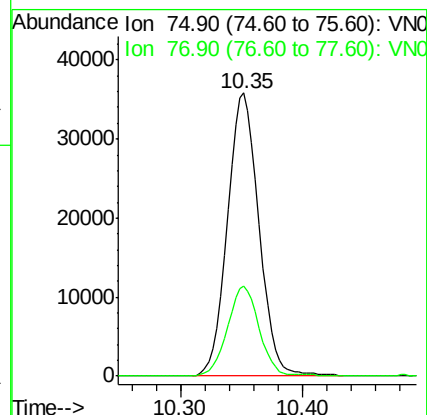
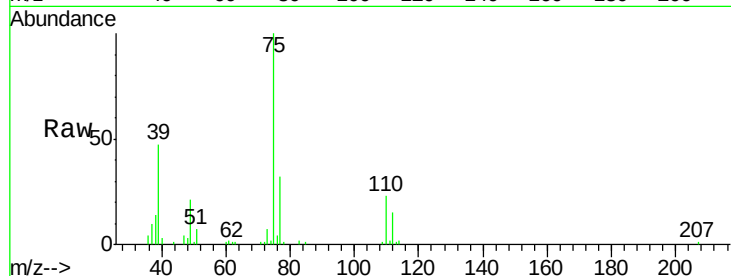
VN0730WBS01

Tot Ion: 75 Resp: 64860

Ion Ratio Lower Upper

75 100

77 31.7 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 19.058 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

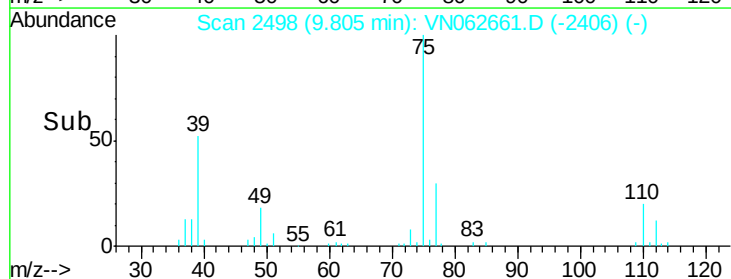
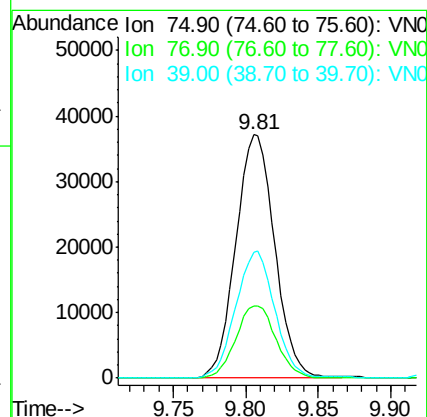
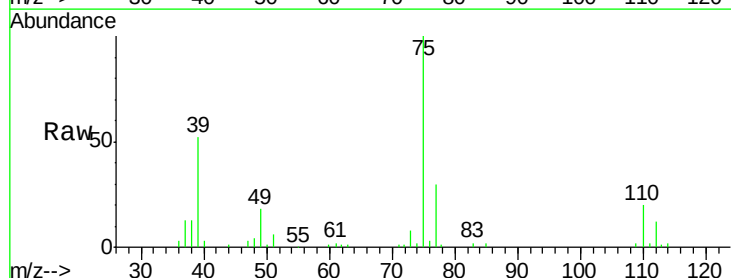
Tgt Ion: 75 Resp: 69297

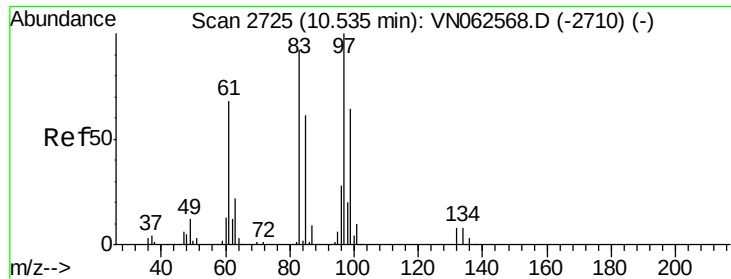
Ion Ratio Lower Upper

75 100

77 29.8 25.0 37.6

39 51.8 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 19.541 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

Tot Ion: 97 Resp: 38108

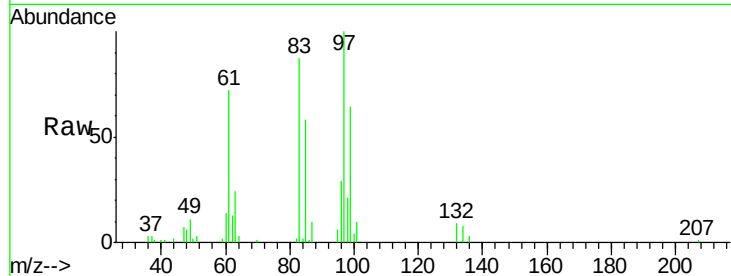
Ion Ratio Lower Upper

97 100

83 86.8 73.7 110.5

85 58.4 48.5 72.7

99 64.2 50.8 76.2

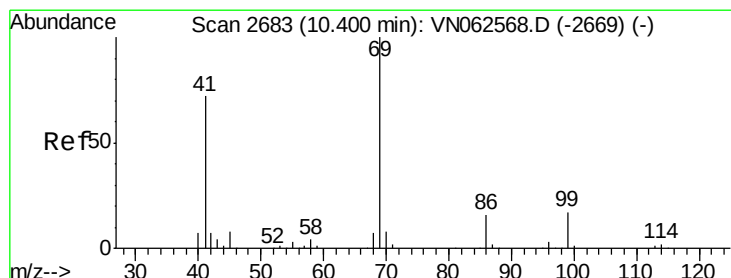
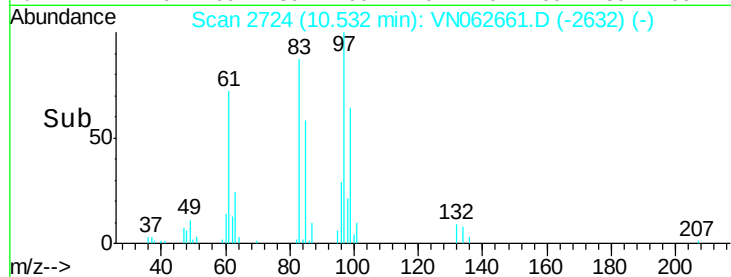
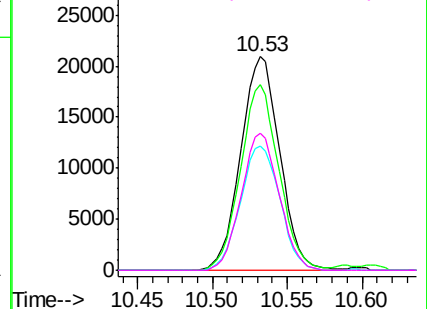


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.638 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

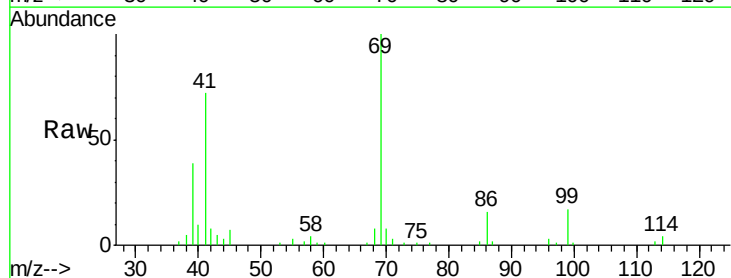
Tgt Ion: 69 Resp: 57605

Ion Ratio Lower Upper

69 100

41 72.0 57.2 85.8

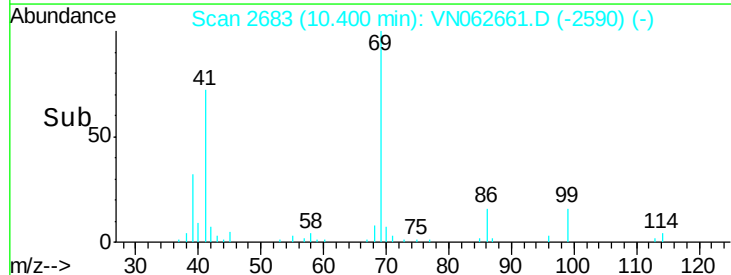
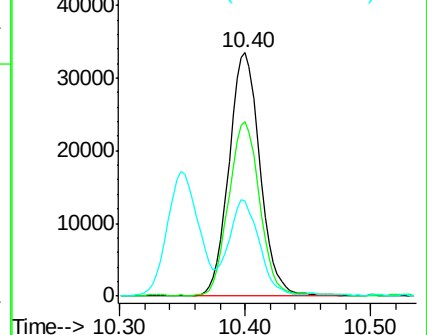
39 37.4 28.6 43.0

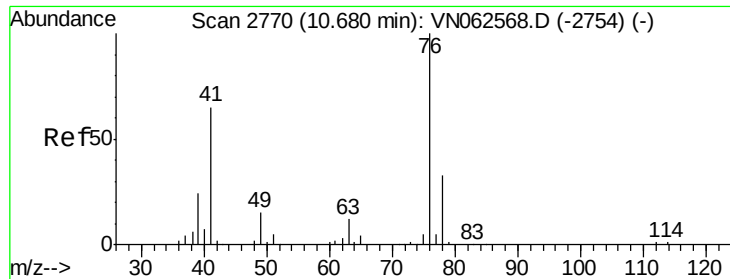


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

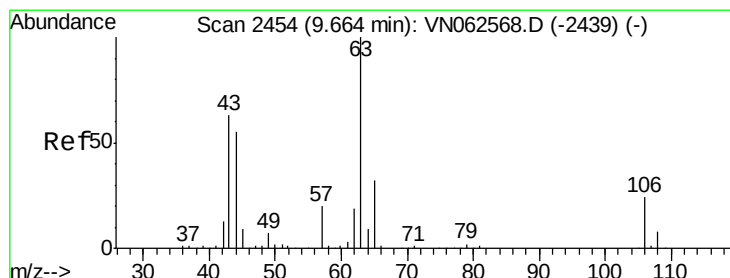
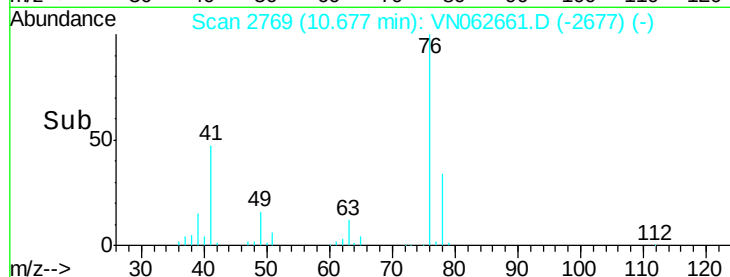
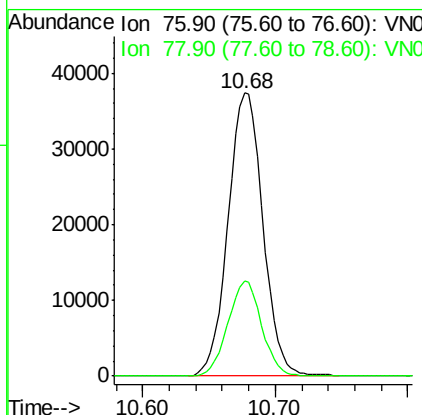
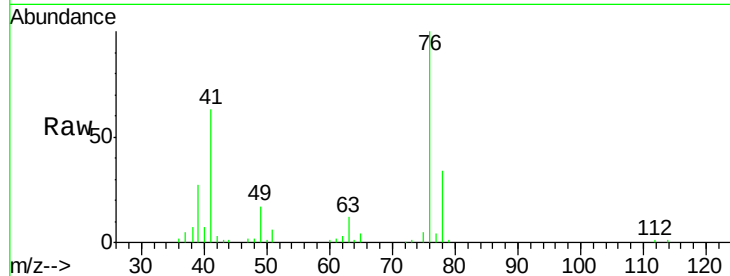




#57
 1,3-Dichloropropane
 Concen: 19.093 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

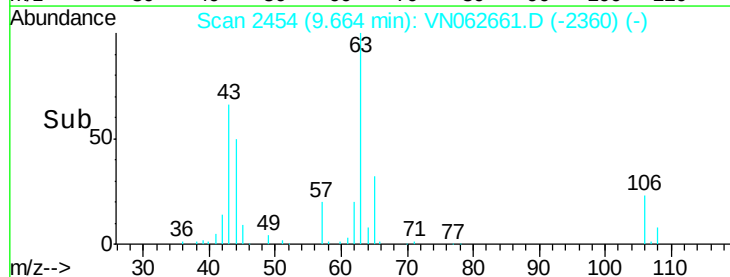
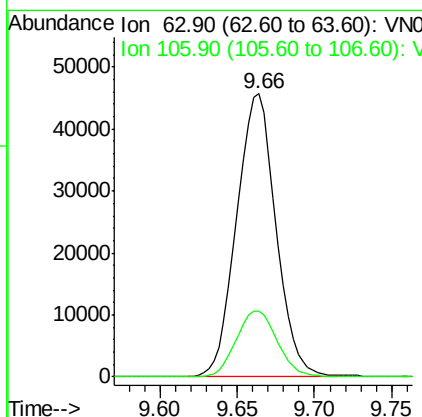
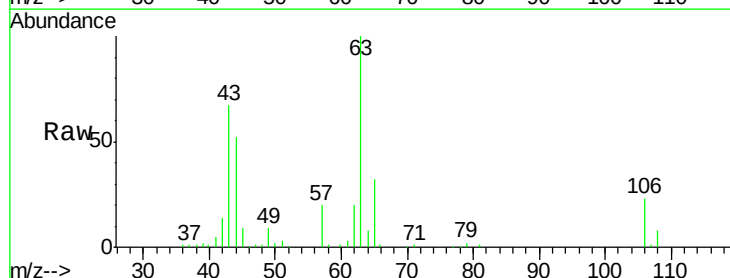
Instrument :
 MSVOA_N
 ClientSampled :
 VN0730WBS01

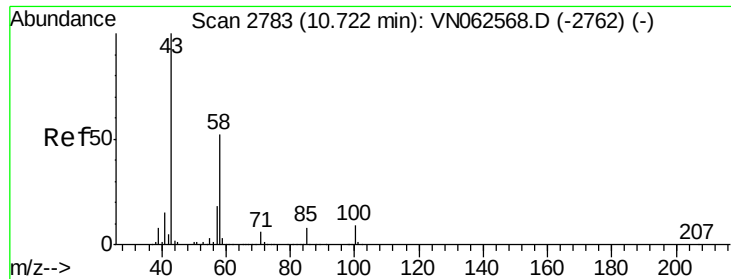
Tot Ion: 76 Resp: 68215
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.150 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion: 63 Resp: 80809
 Ion Ratio Lower Upper
 63 100
 106 24.2 18.9 28.3

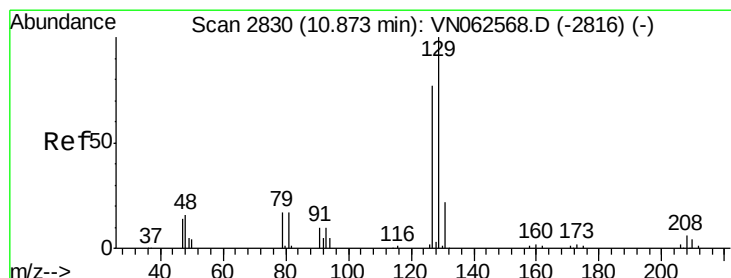
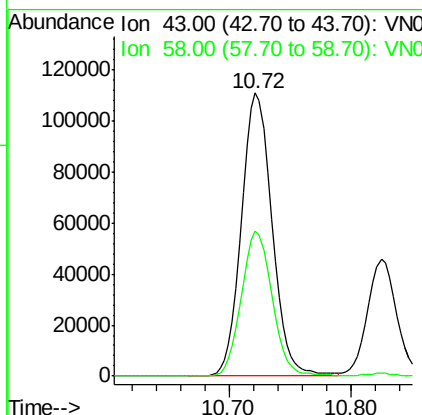
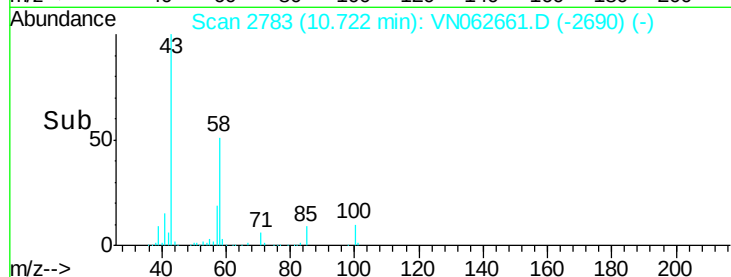
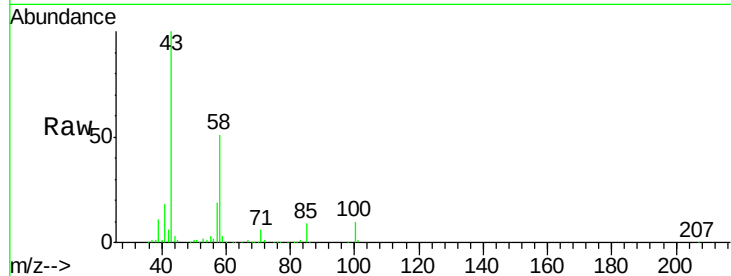




#59
2-Hexanone
Concen: 85.784 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

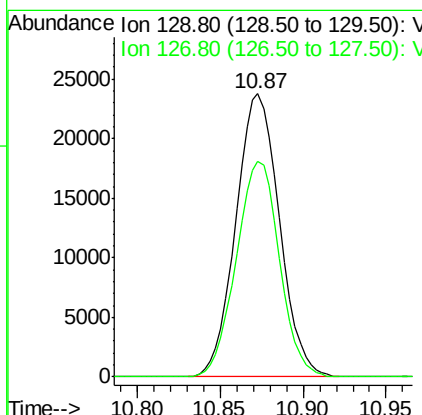
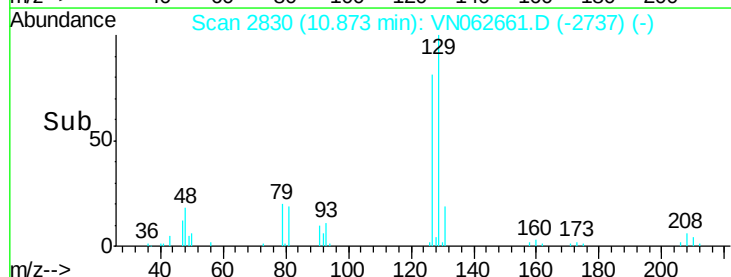
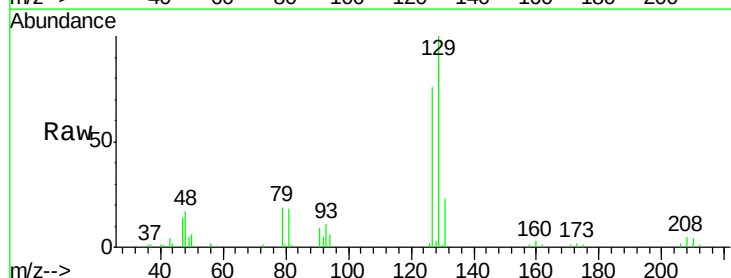
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

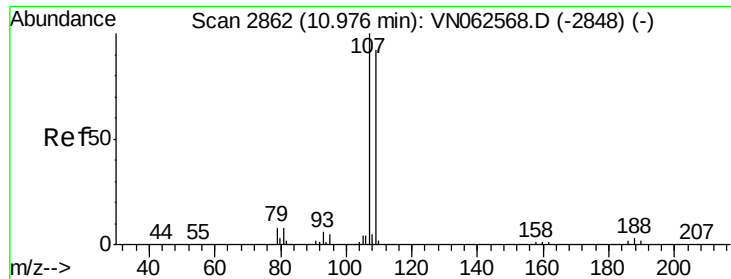
Tot Ion: 43 Resp: 192754
Ion Ratio Lower Upper
43 100
58 51.3 26.0 78.0



#60
Dibromochloromethane
Concen: 19.996 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 129 Resp: 43502
Ion Ratio Lower Upper
129 100
127 75.3 38.0 113.9

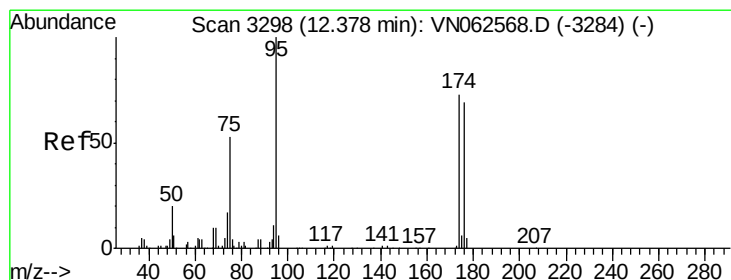
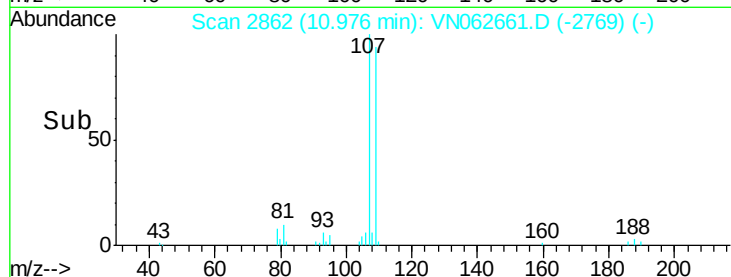
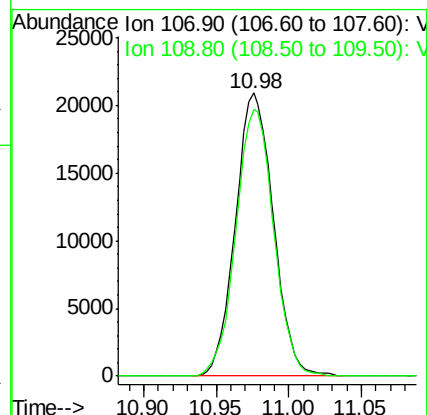
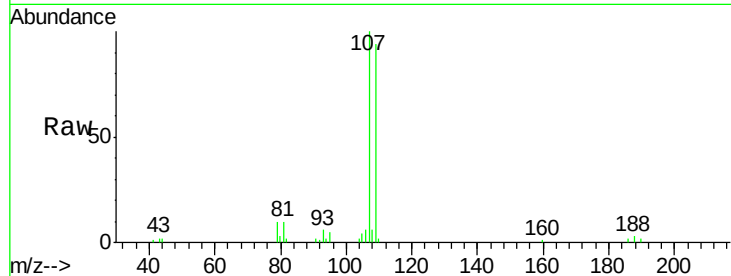




#61
 1,2-Dibromoethane
 Concen: 18.696 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

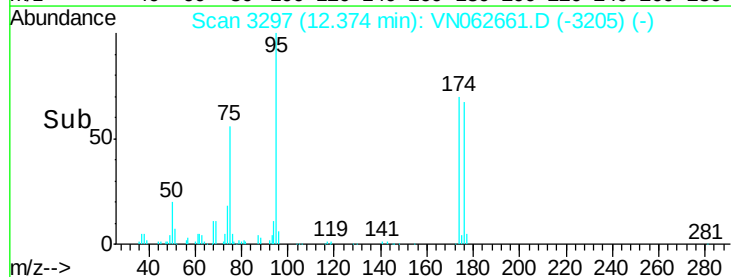
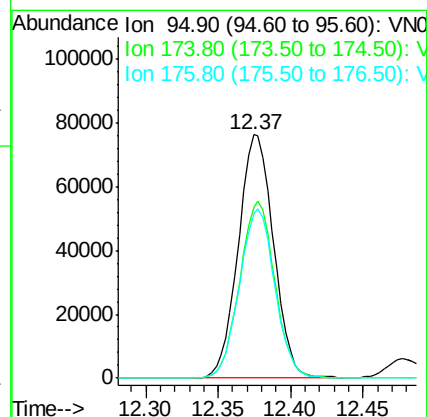
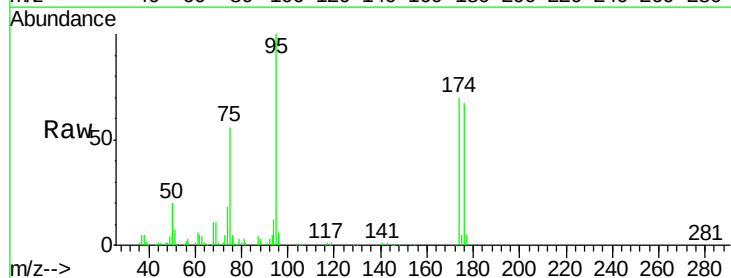
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

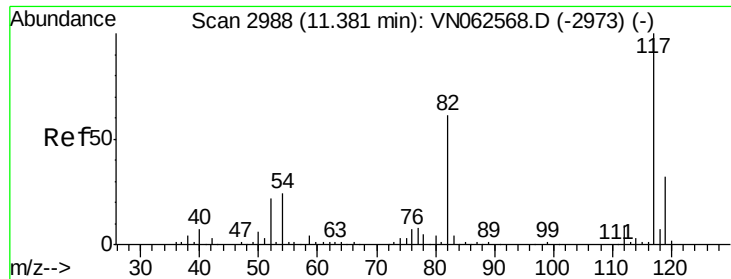
Tot Ion:107 Resp: 37965
 Ion Ratio Lower Upper
 107 100
 109 94.1 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 50.347 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion: 95 Resp: 129451
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 144.6
 176 69.6 0.0 139.4

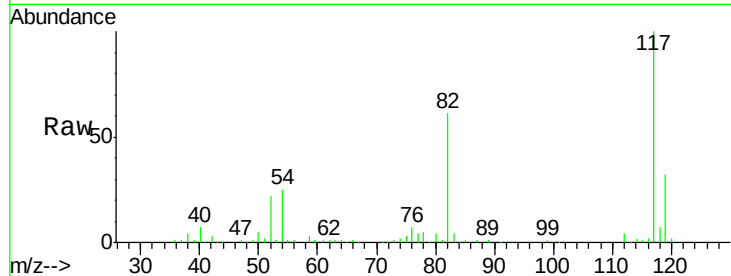




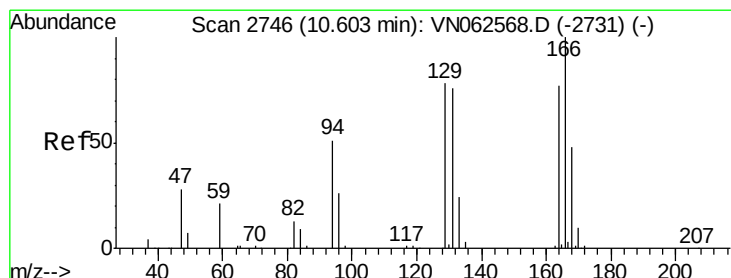
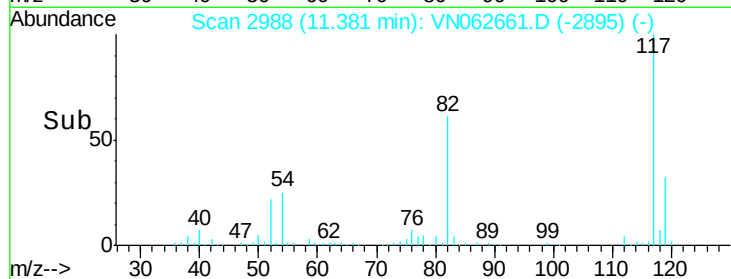
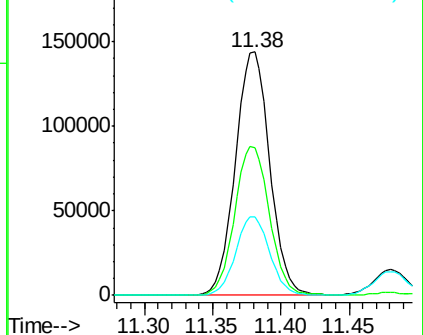
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Tot Ion:117 Resp: 252669
Ion Ratio Lower Upper
117 100
82 60.6 49.0 73.6
119 32.0 25.4 38.2

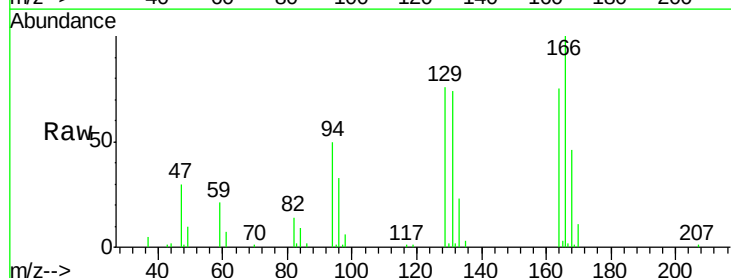


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

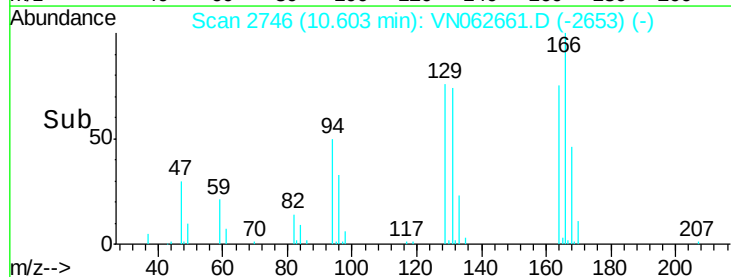
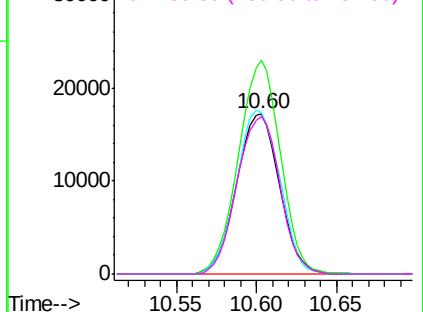


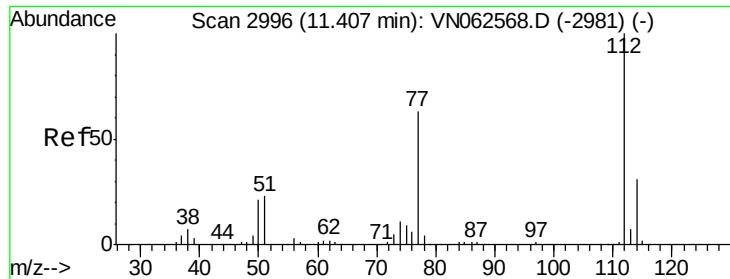
#64
Tetrachloroethene
Concen: 19.140 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion:164 Resp: 31421
Ion Ratio Lower Upper
164 100
166 133.3 104.4 156.6
129 100.7 81.0 121.4
131 98.4 79.4 119.2



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

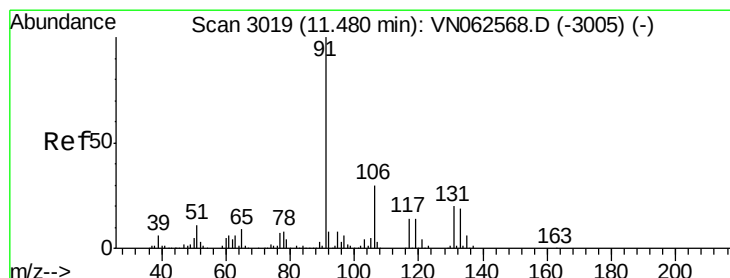
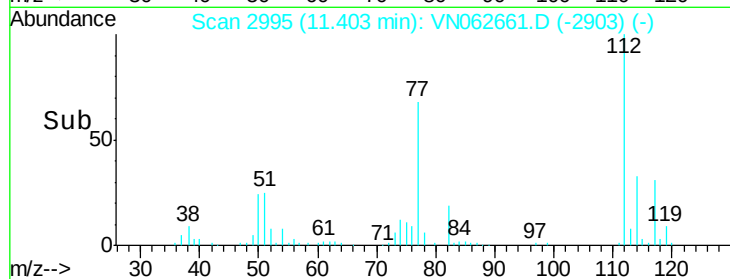
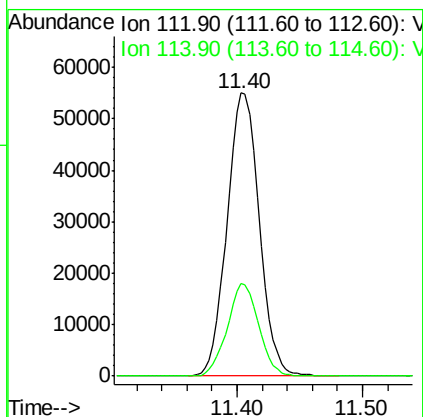
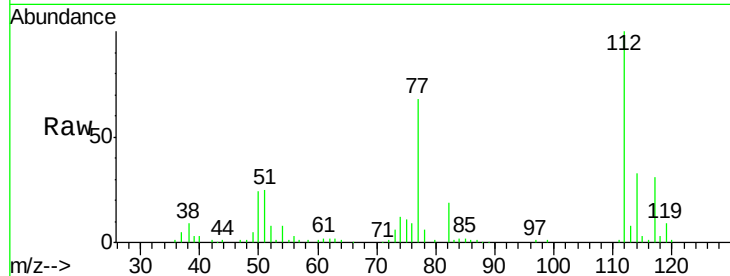




#65
Chlorobenzene
Concen: 18.536 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

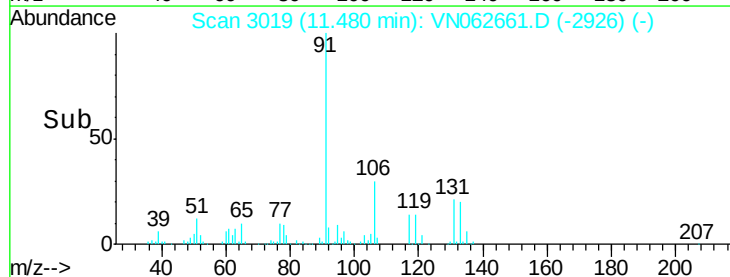
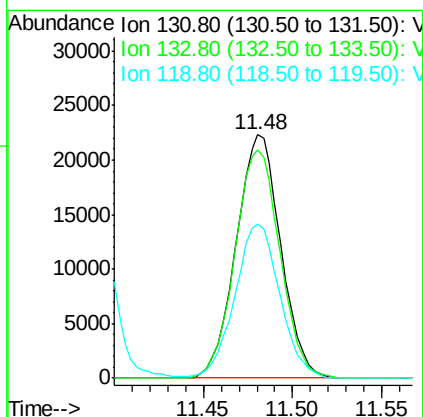
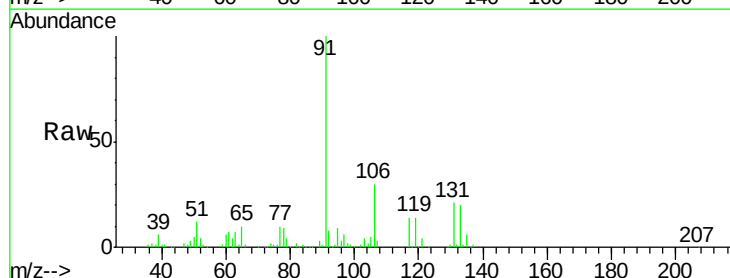
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

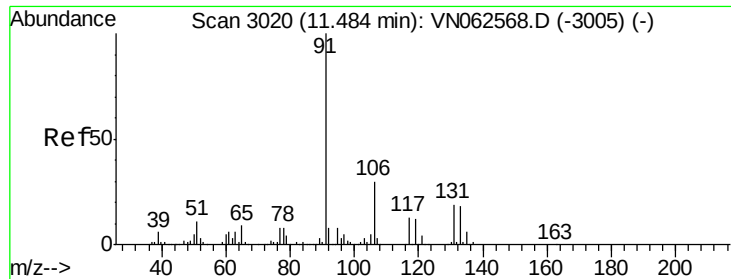
Tot Ion:112 Resp: 98187
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.492 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion:131 Resp: 38843
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 64.0 33.7 101.0

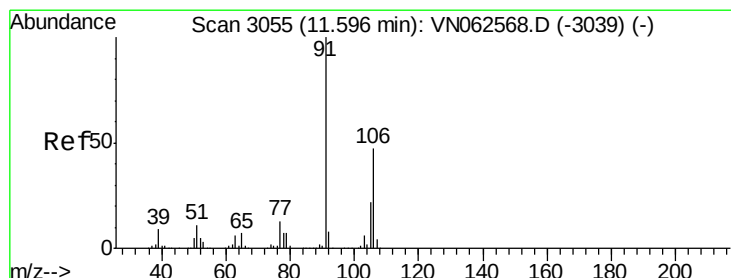
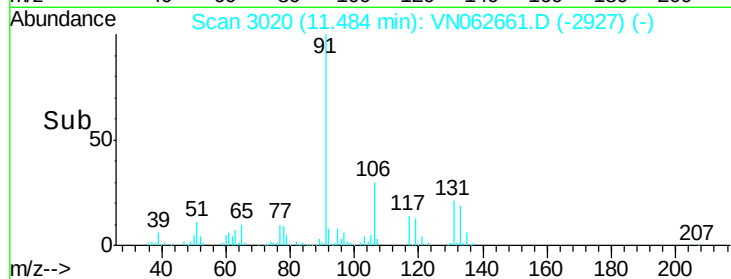
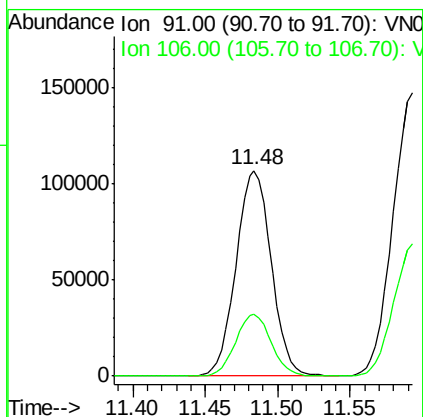
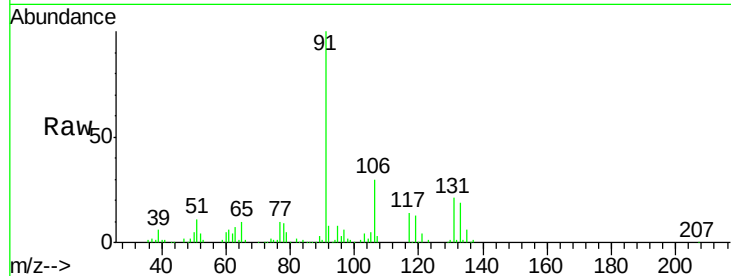




#67
Ethyl Benzene
Concen: 18.585 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

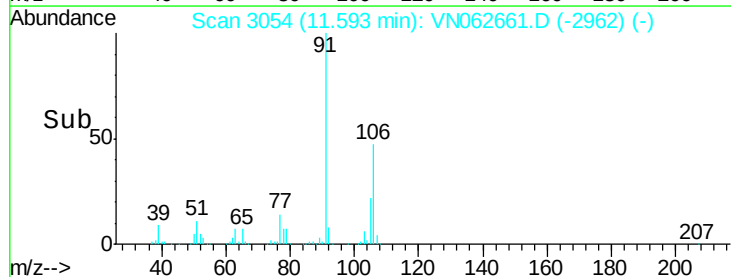
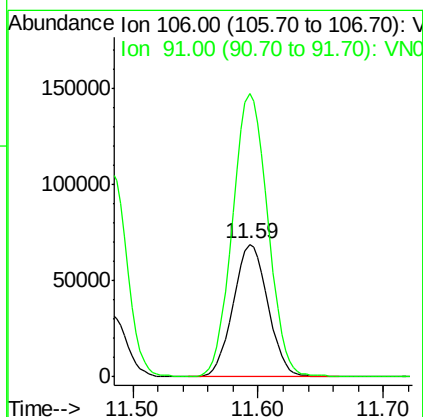
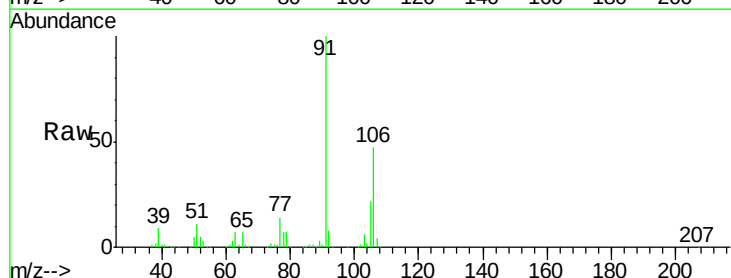
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

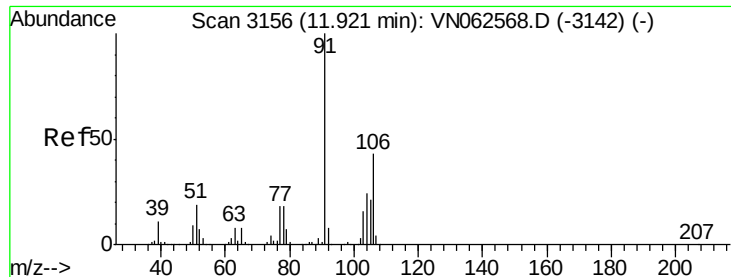
Tot Ion: 91 Resp: 180498
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8



#68
m/p-Xylenes
Concen: 37.923 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion: 106 Resp: 132383
Ion Ratio Lower Upper
106 100
91 218.1 171.4 257.2

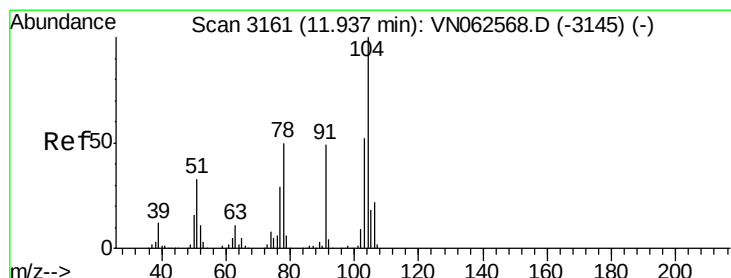
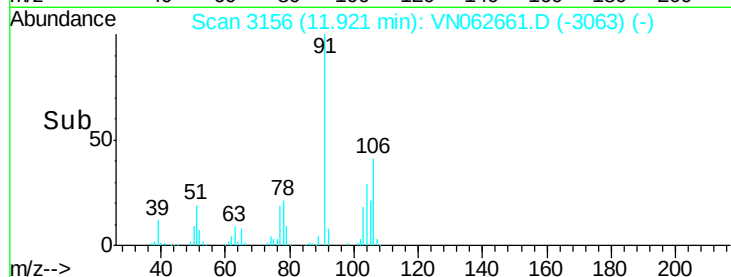
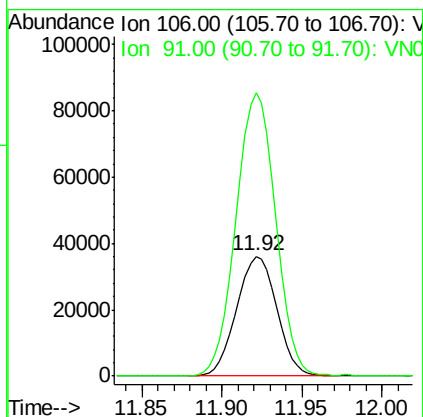
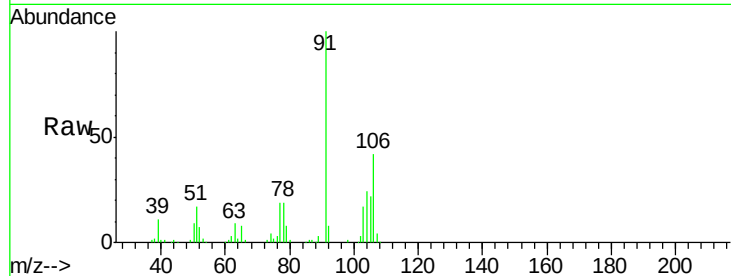




#69
o-Xylene
Concen: 18.675 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

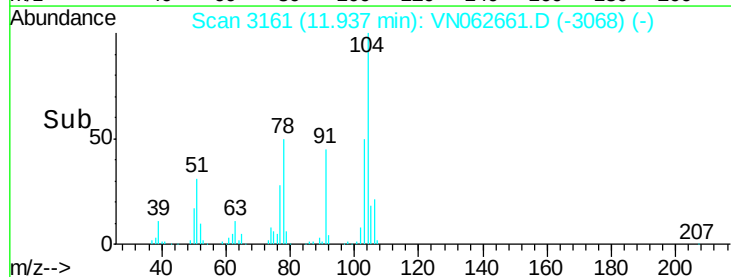
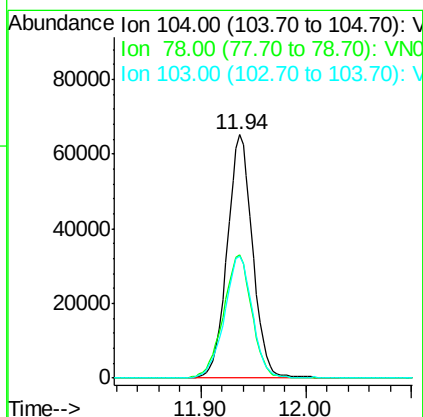
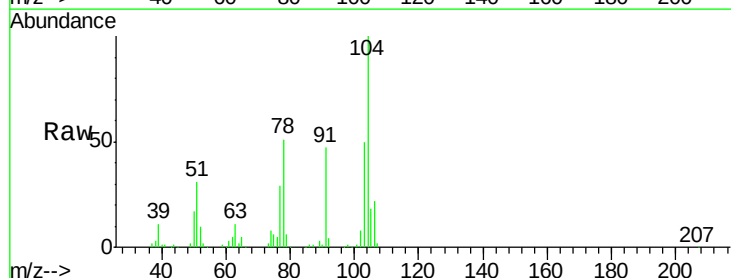
Instrument :
MSVOA_N
ClientSampled :
VN0730WBS01

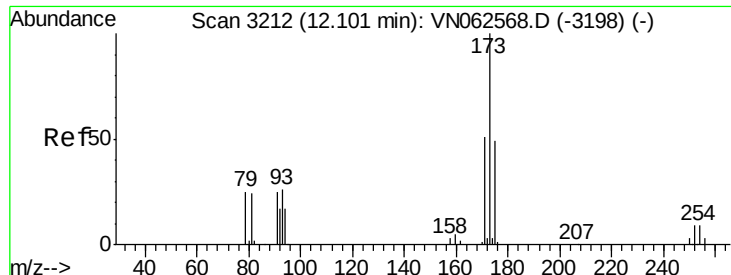
Tot Ion:106 Resp: 61904
Ion Ratio Lower Upper
106 100
91 233.2 113.8 341.2



#70
Styrene
Concen: 19.321 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062661.D
Acq: 30 Jul 2020 10:57

Tgt Ion:104 Resp: 108190
Ion Ratio Lower Upper
104 100
78 56.8 43.8 65.6
103 54.9 44.0 66.0





#71

Bromoform

Concen: 19.660 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

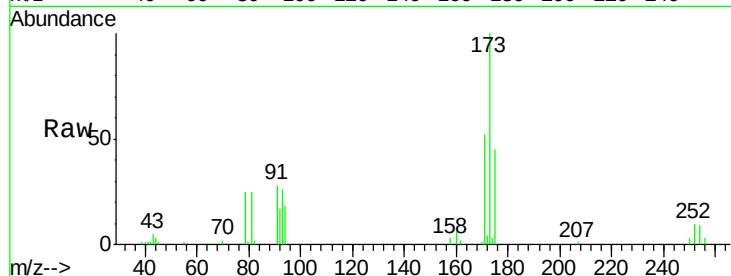
Tot Ion:173 Resp: 29415

Ion Ratio Lower Upper

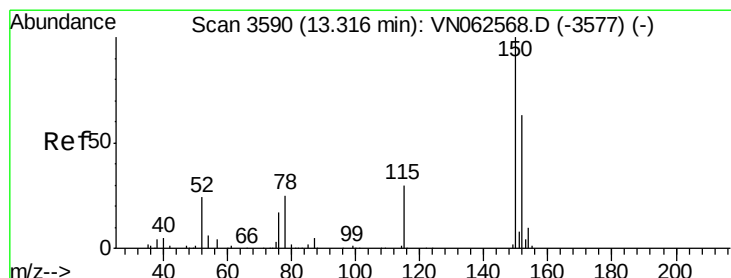
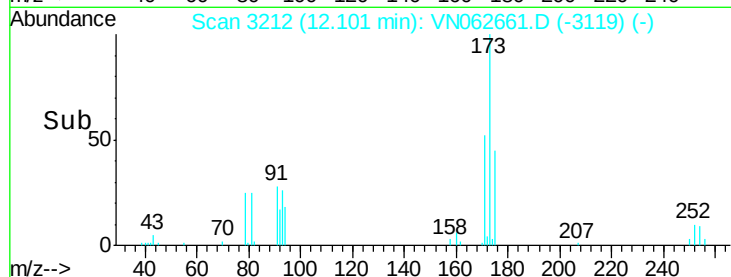
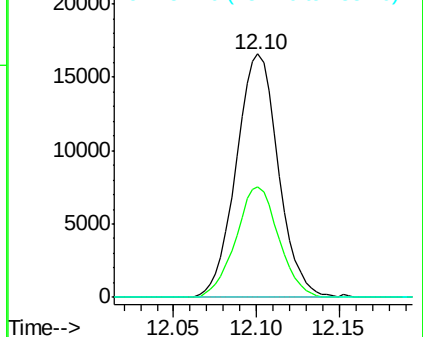
173 100

175 46.1 24.1 72.2

254 0.0 0.0 0.0



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: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

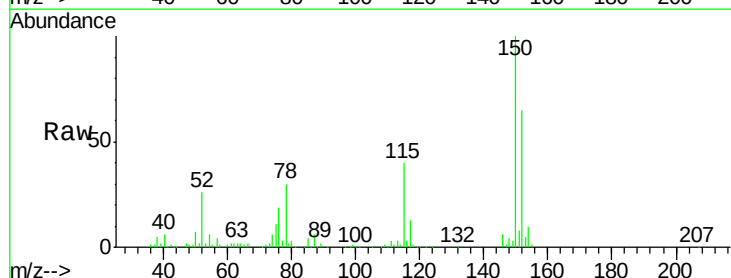
Tgt Ion:152 Resp: 119437

Ion Ratio Lower Upper

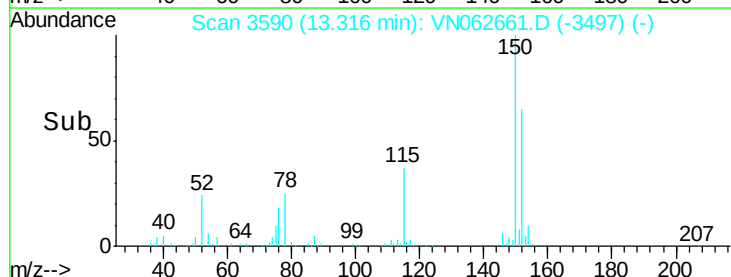
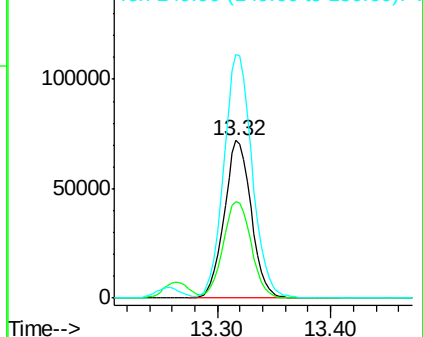
152 100

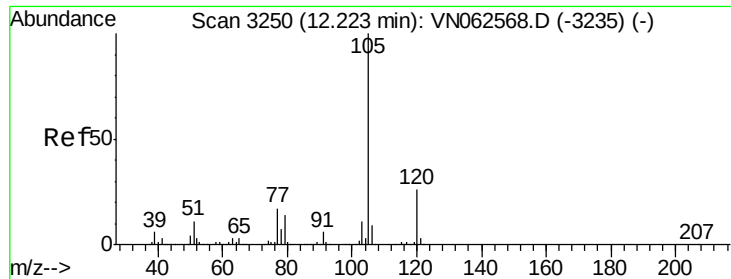
115 64.2 31.8 95.4

150 162.7 0.0 351.4



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: 18.382 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

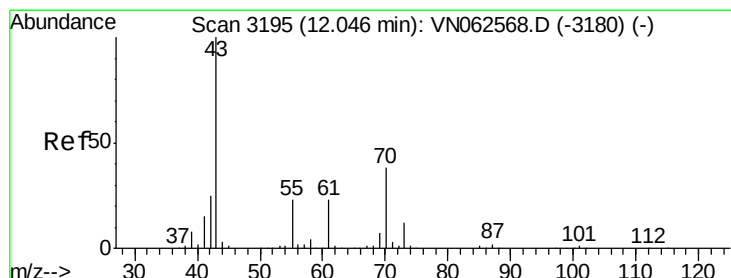
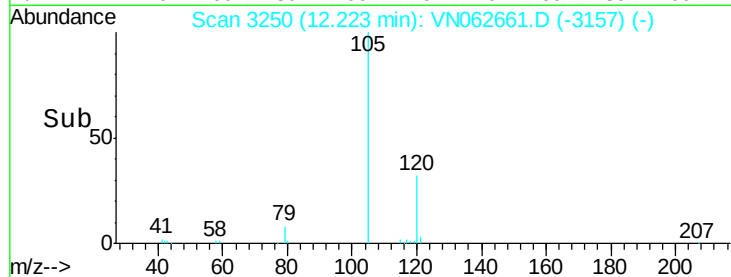
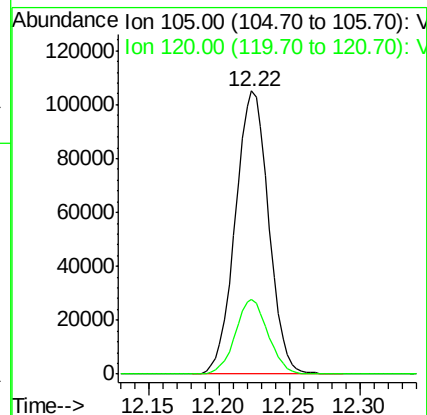
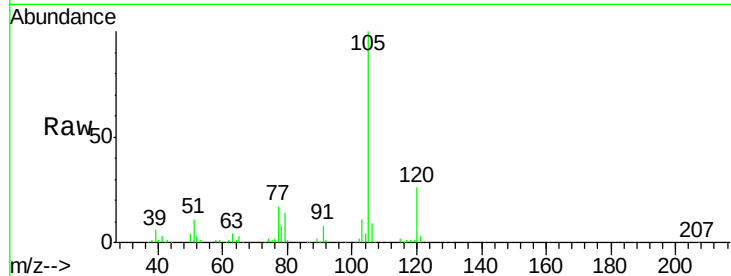
VN0730WBS01

Tot Ion:105 Resp: 173596

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 17.559 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Tgt Ion: 43 Resp: 74058

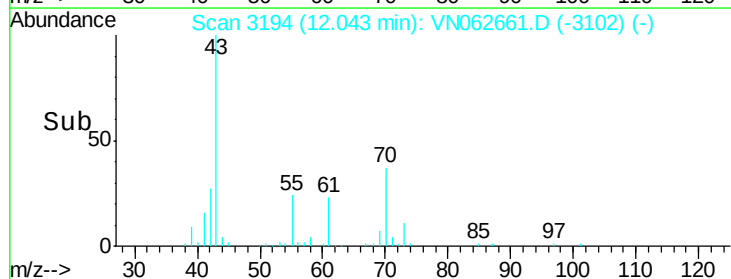
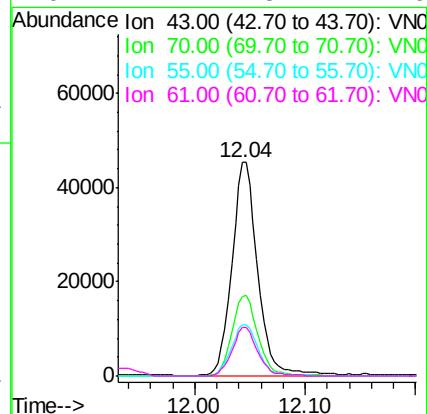
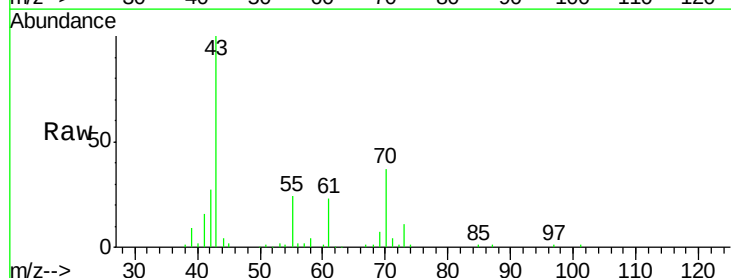
Ion Ratio Lower Upper

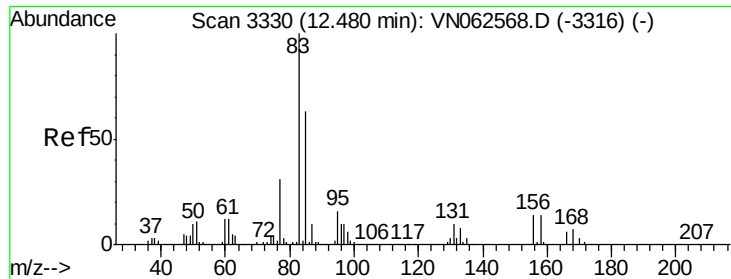
43 100

70 37.9 30.5 45.7

55 25.2 19.0 28.6

61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.045 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

VN0730WBS01

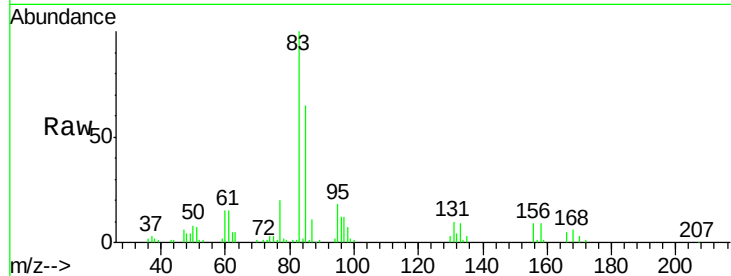
Tot Ion: 83 Resp: 55937

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.3

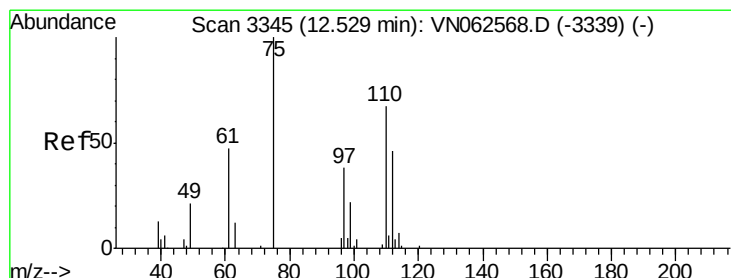
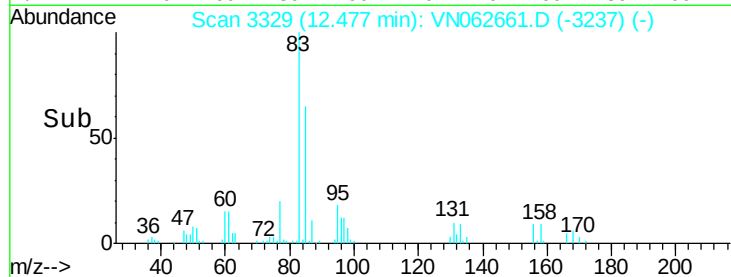
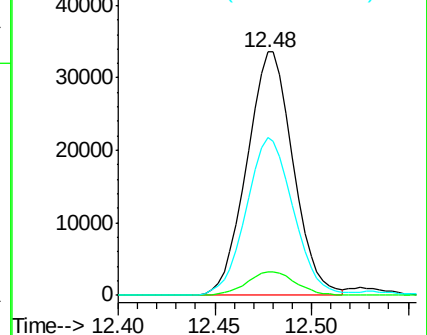
85 65.8 31.8 95.4



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: 24.939 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062661.D

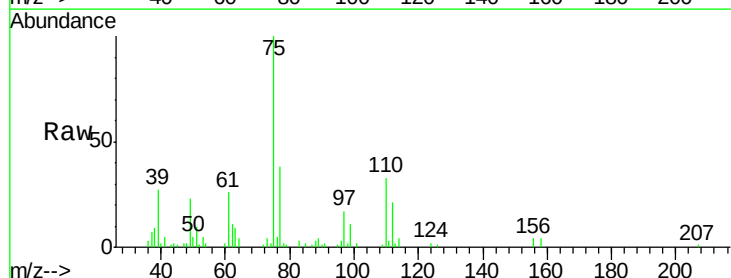
Acq: 30 Jul 2020 10:57

Tgt Ion: 75 Resp: 75817

Ion Ratio Lower Upper

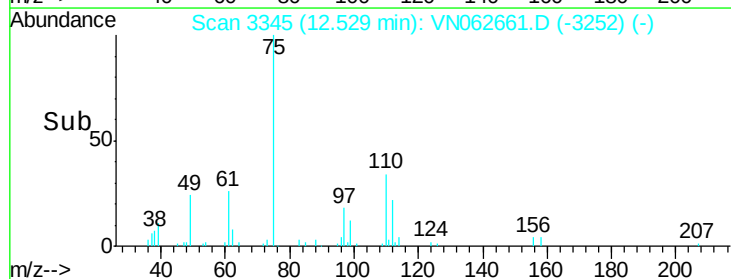
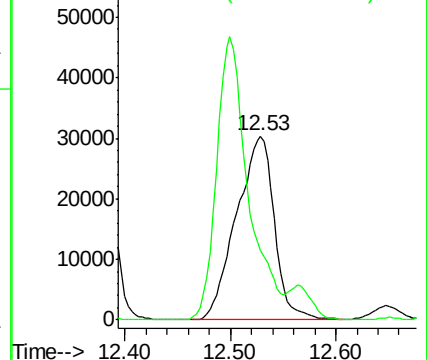
75 100

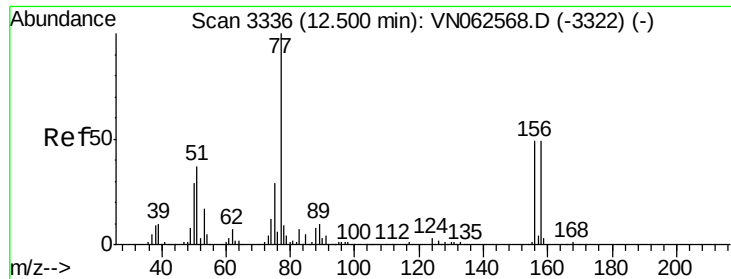
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.465 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

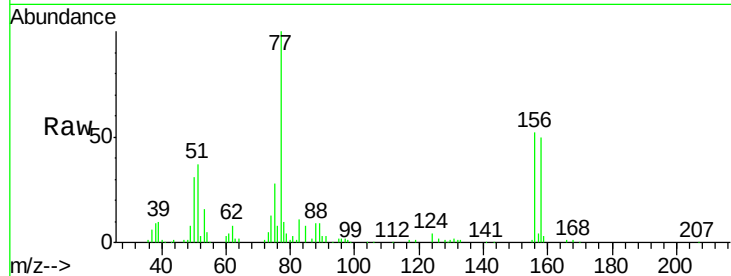
Tot Ion:156 Resp: 41908

Ion Ratio Lower Upper

156 100

77 233.0 122.8 368.3

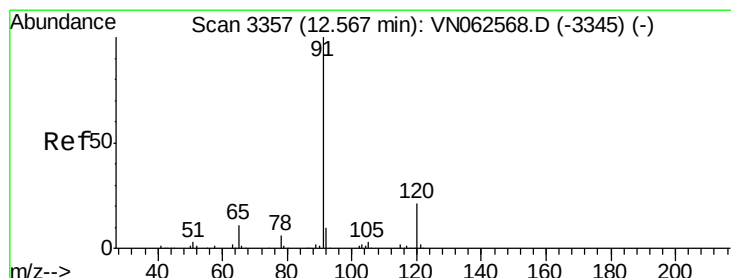
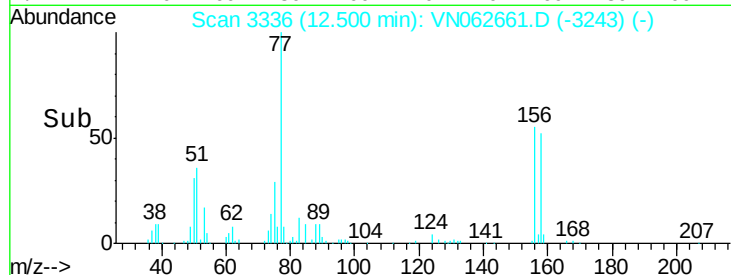
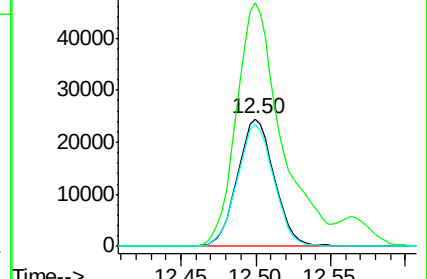
158 95.0 49.4 148.0



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: 18.559 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062661.D

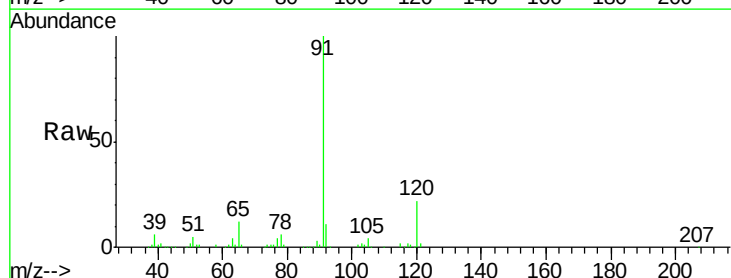
Acq: 30 Jul 2020 10:57

Tgt Ion: 91 Resp: 205309

Ion Ratio Lower Upper

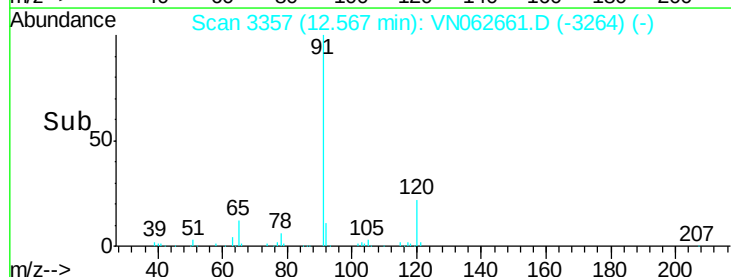
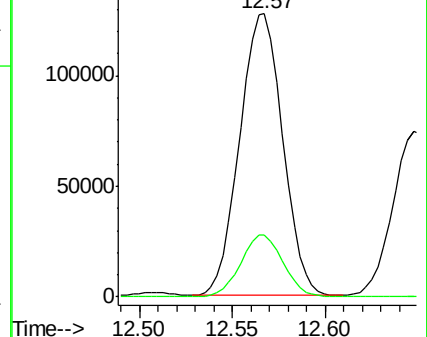
91 100

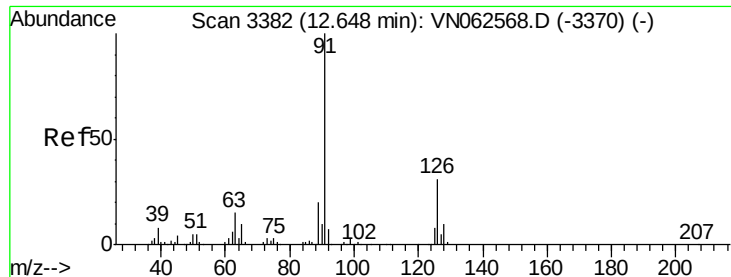
120 21.6 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.123 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

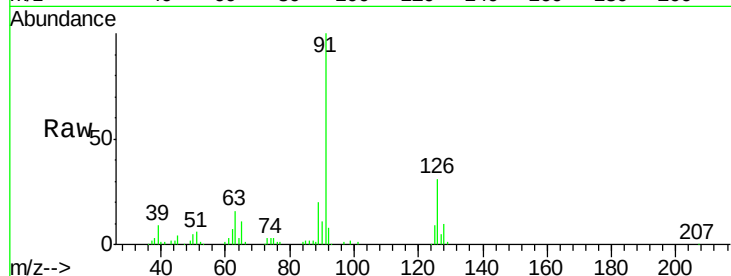
VN0730WBS01

Tot Ion: 91 Resp: 123552

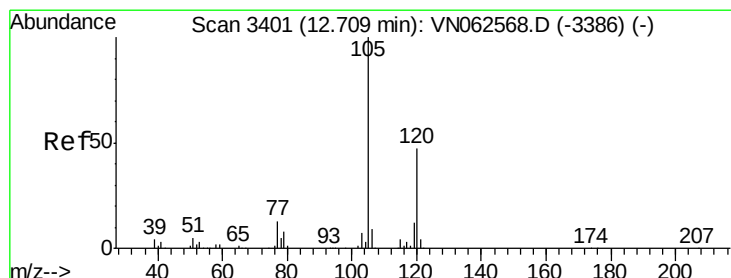
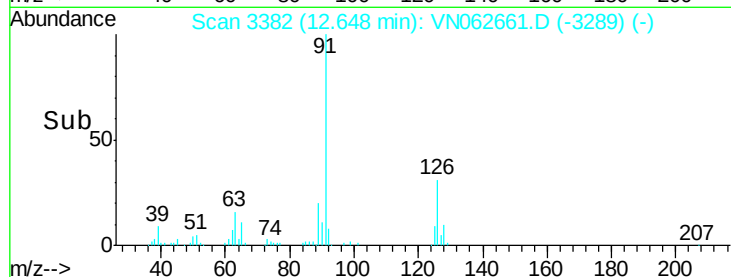
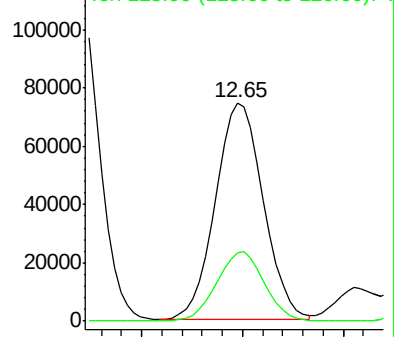
Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.596 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062661.D

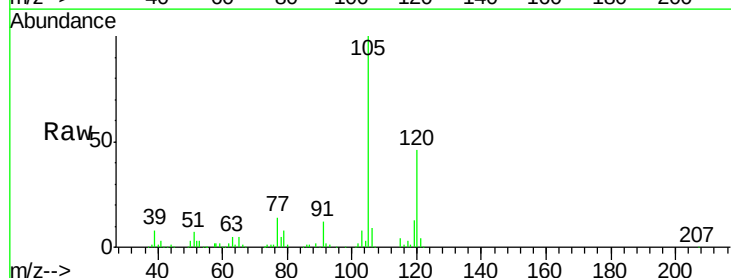
Acq: 30 Jul 2020 10:57

Tgt Ion: 105 Resp: 153513

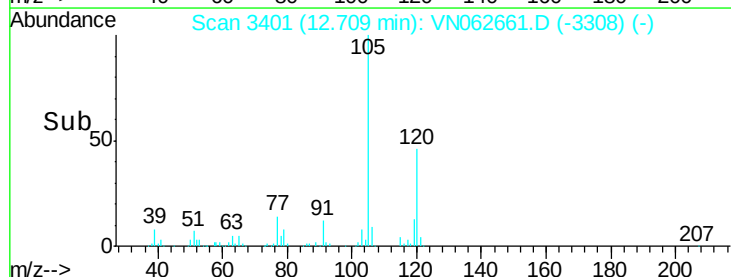
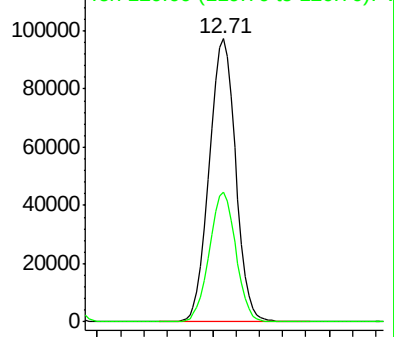
Ion Ratio Lower Upper

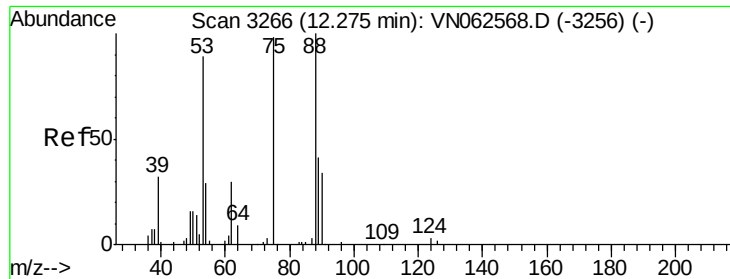
105 100

120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062568.D (-3386) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.961 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

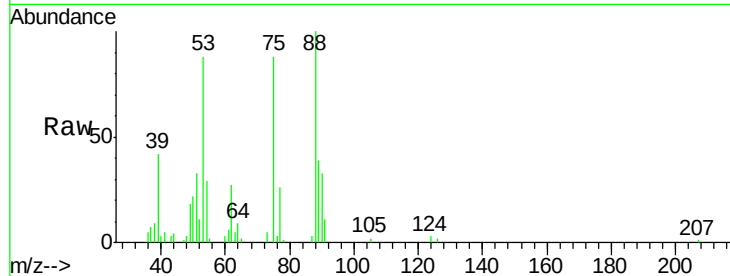
Tot Ion: 75 Resp: 19615

Ion Ratio Lower Upper

75 100

53 100.7 75.4 113.0

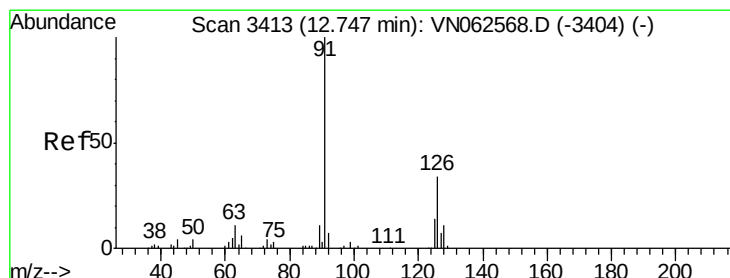
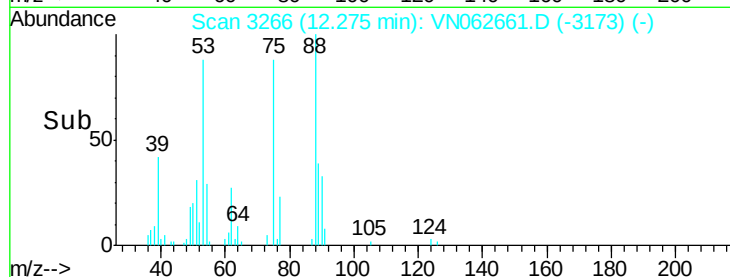
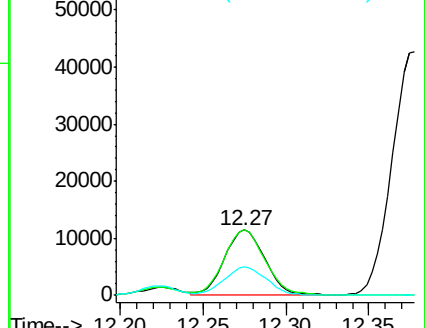
89 44.7 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.284 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062661.D

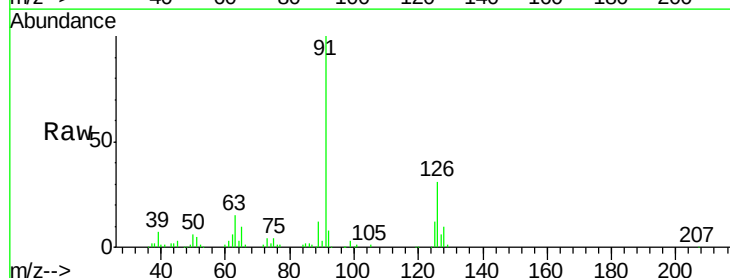
Acq: 30 Jul 2020 10:57

Tgt Ion: 91 Resp: 129744

Ion Ratio Lower Upper

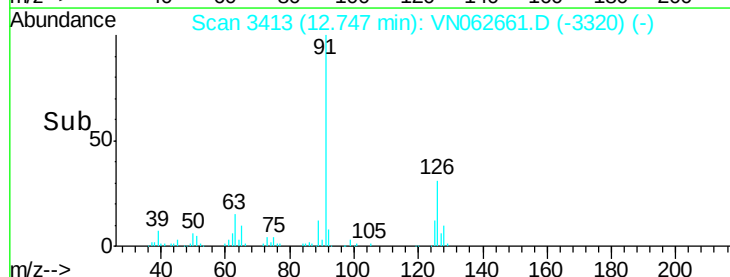
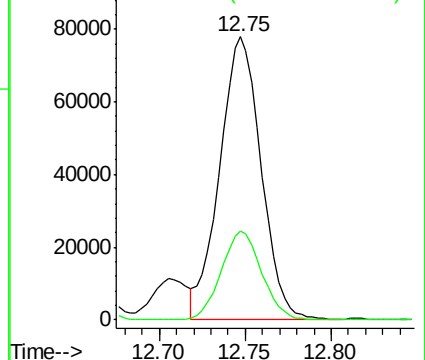
91 100

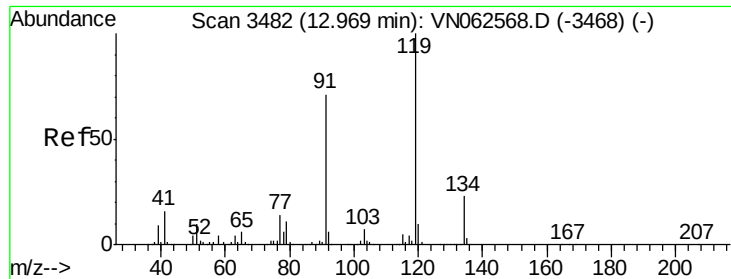
126 30.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

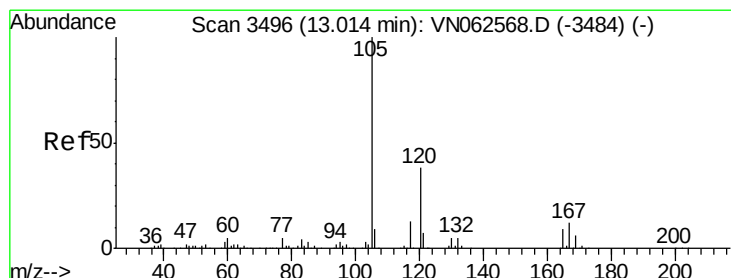
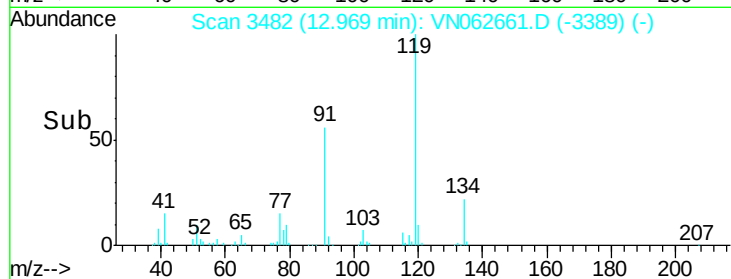
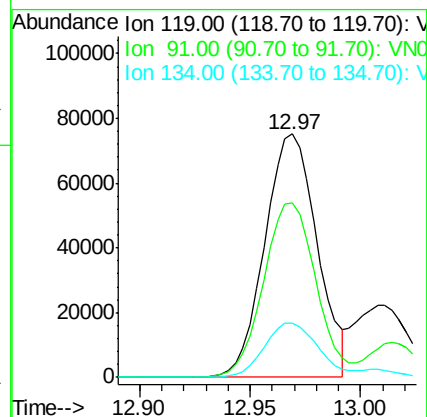
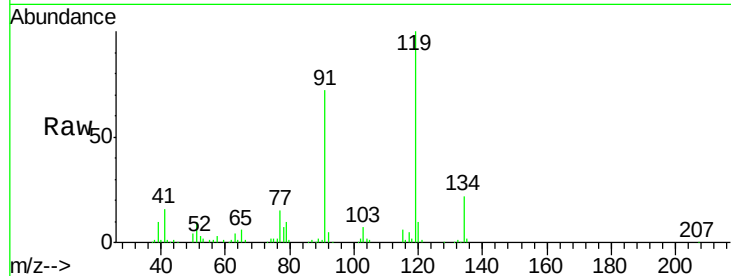




#83
 tert-Butylbenzene
 Concen: 19.002 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

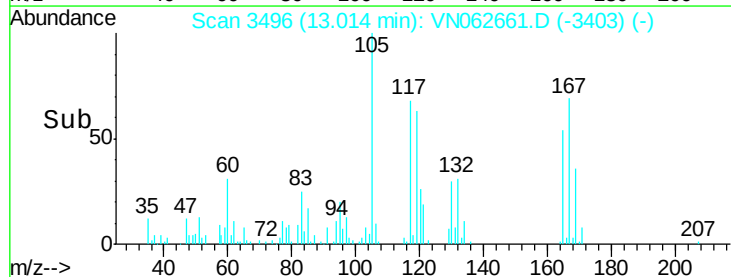
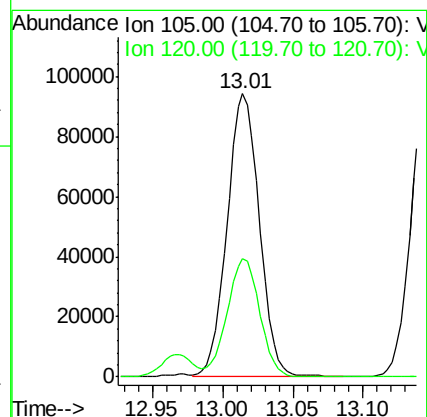
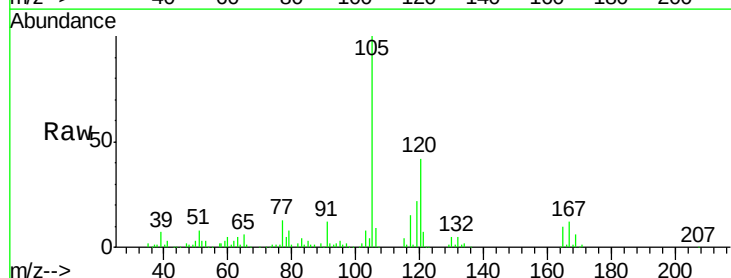
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

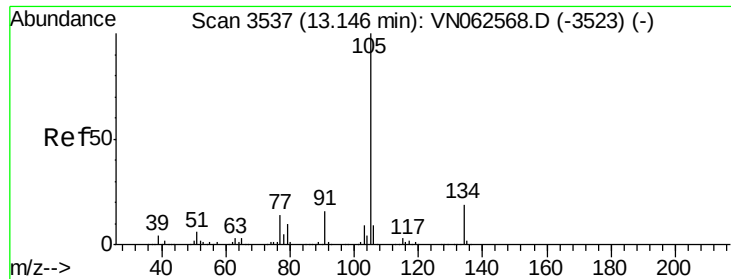
Tot Ion:119 Resp: 123609
 Ion Ratio Lower Upper
 119 100
 91 72.3 34.6 103.8
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.391 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion:105 Resp: 149016
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.540 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

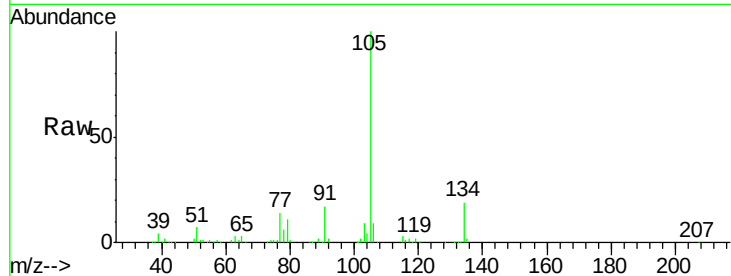
VN0730WBS01

Tot Ion:105 Resp: 170166

Ion Ratio Lower Upper

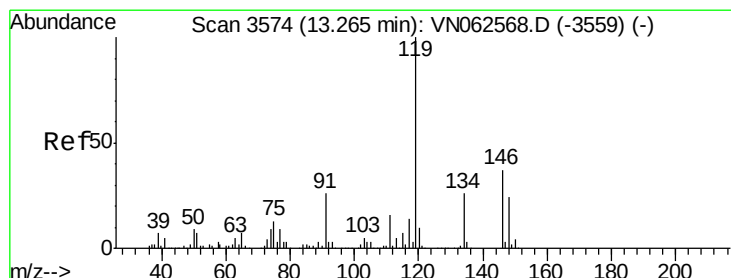
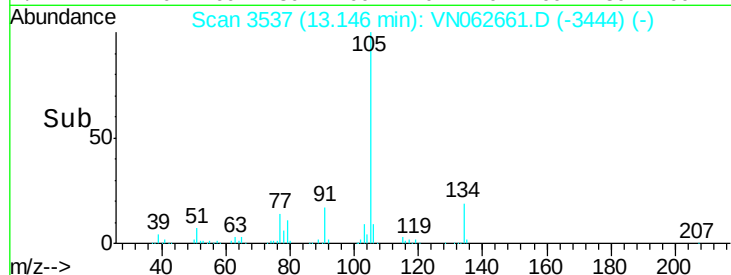
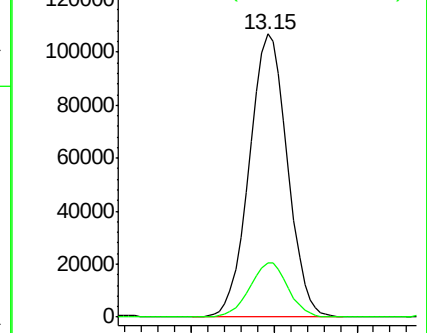
105 100

134 19.2 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.965 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

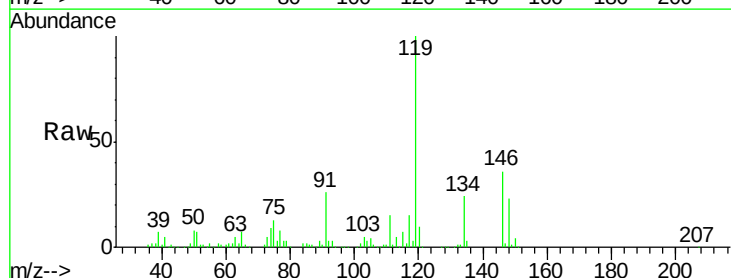
Tgt Ion:119 Resp: 149539

Ion Ratio Lower Upper

119 100

134 24.3 12.8 38.4

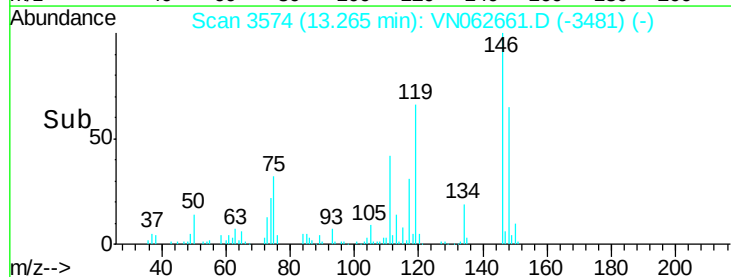
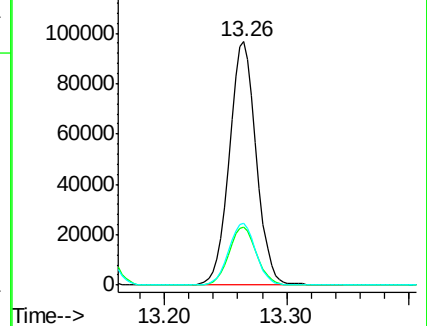
91 25.7 12.7 38.1

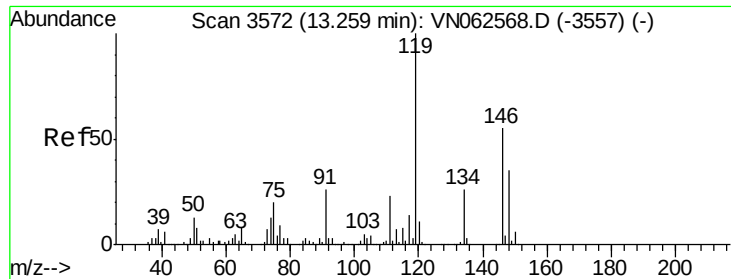


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

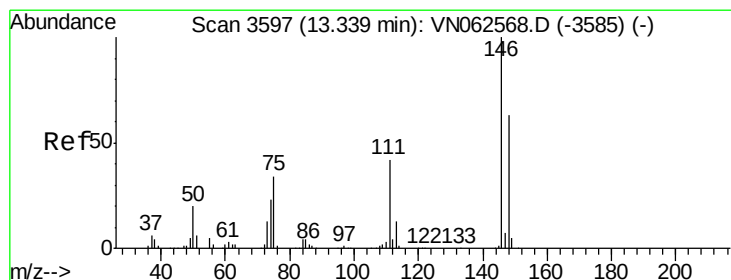
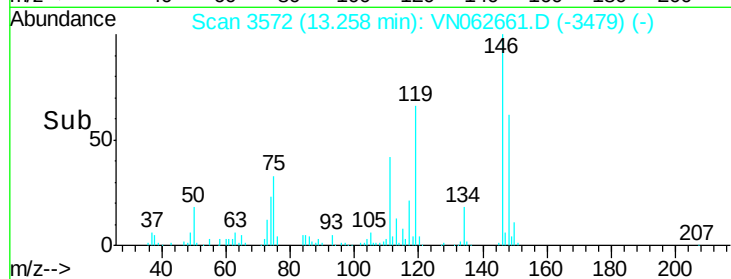
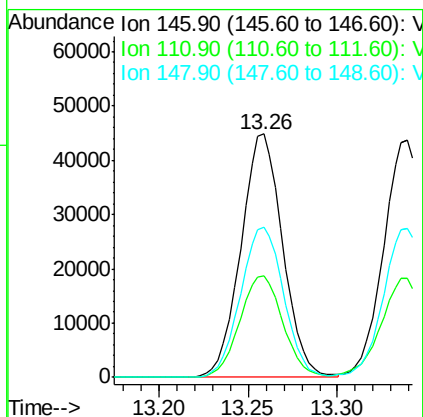
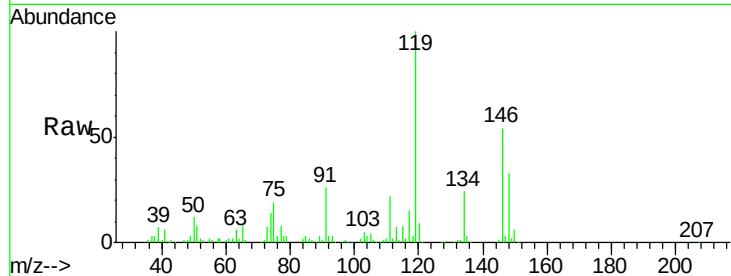




#87
 1,3-Dichlorobenzene
 Concen: 18.403 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

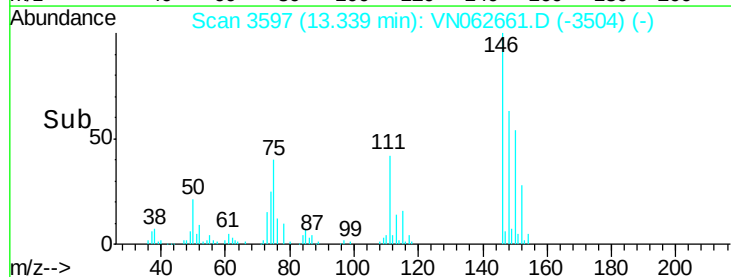
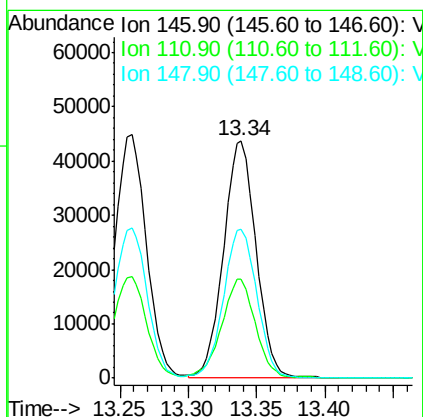
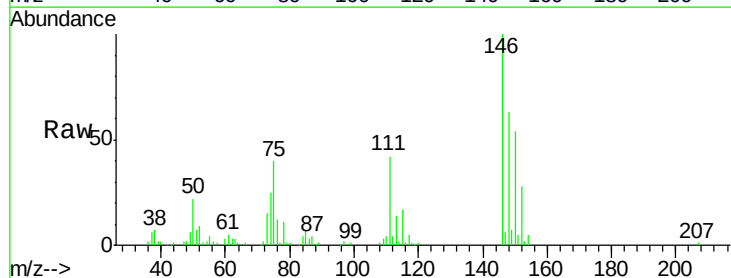
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

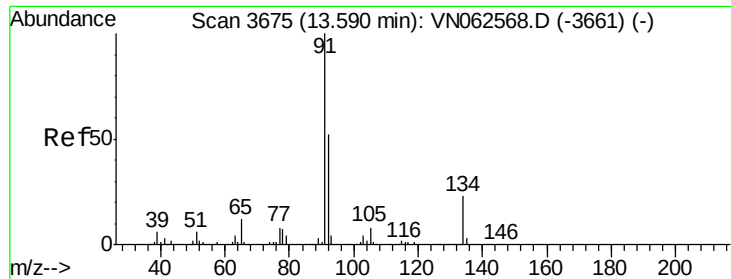
Tot Ion:146 Resp: 73295
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.6
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.516 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion:146 Resp: 72596
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.1 63.1
 148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 18.265 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

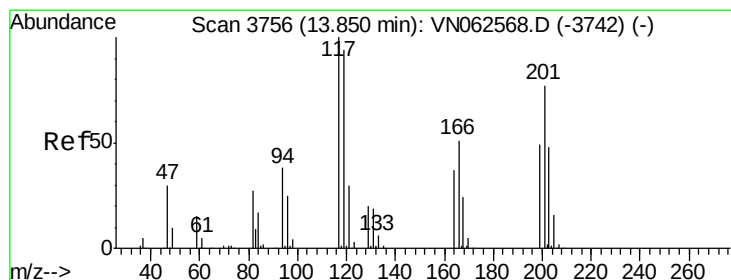
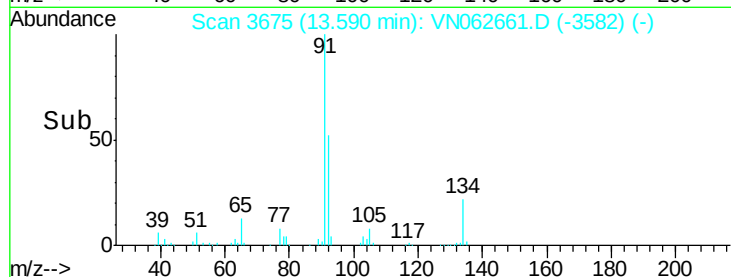
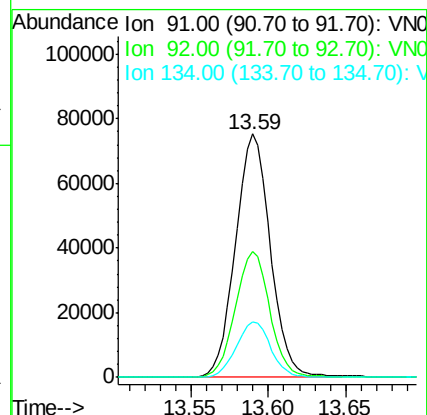
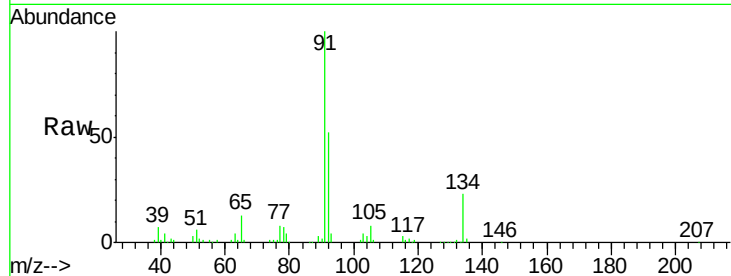
Tot Ion: 91 Resp: 117552

Ion Ratio Lower Upper

91 100

92 51.4 25.8 77.3

134 22.4 11.8 35.3



#90

Hexachloroethane

Concen: 18.839 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062661.D

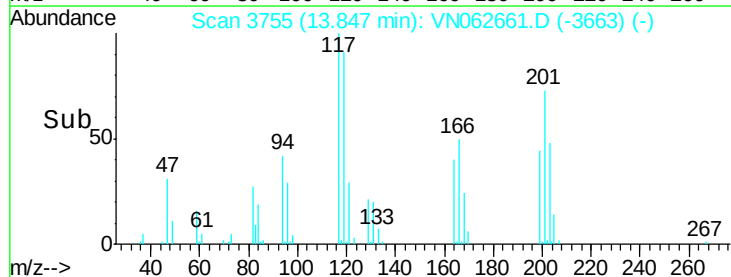
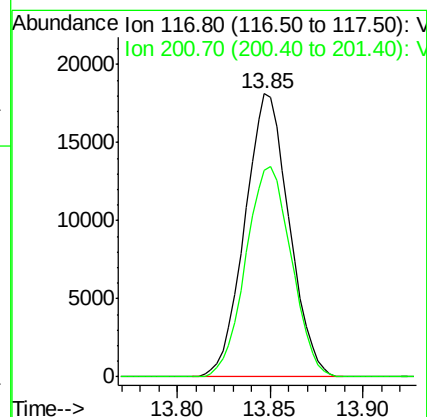
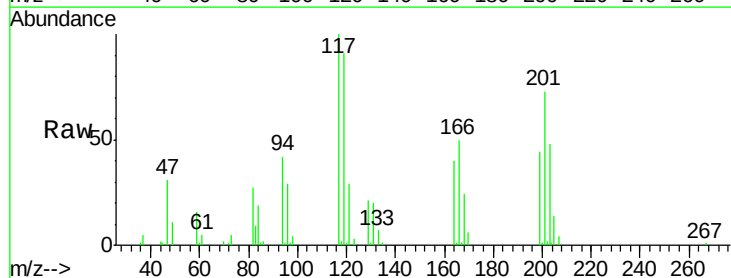
Acq: 30 Jul 2020 10:57

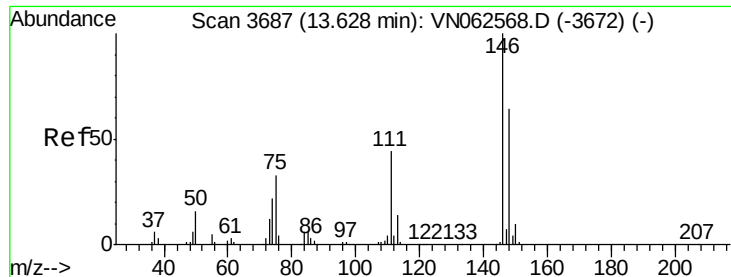
Tgt Ion: 117 Resp: 30038

Ion Ratio Lower Upper

117 100

201 76.4 39.2 117.6

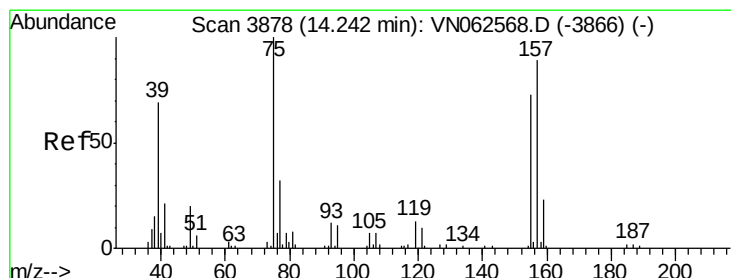
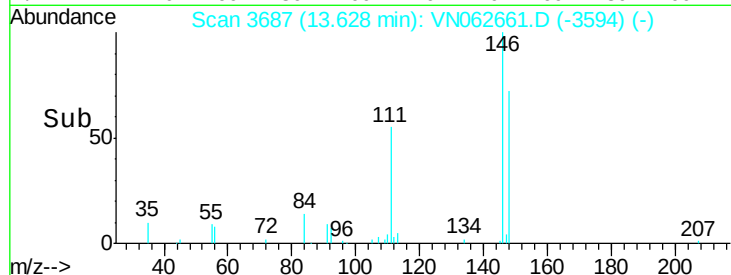
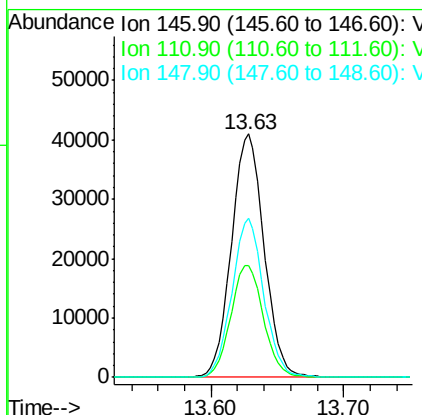
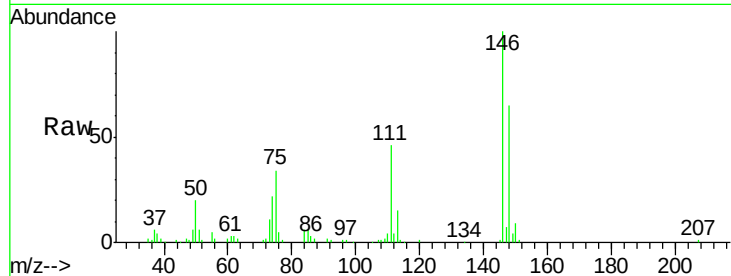




#91
 1,2-Dichlorobenzene
 Concen: 18.427 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

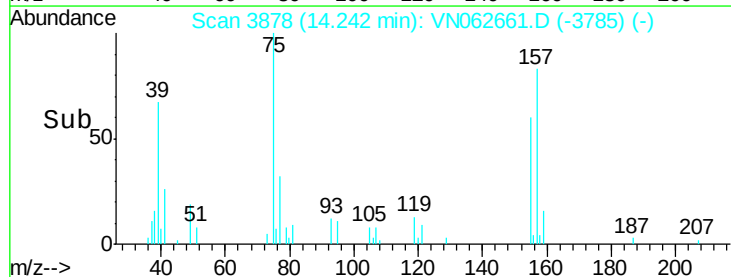
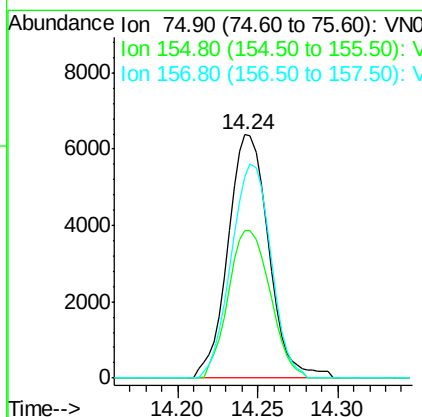
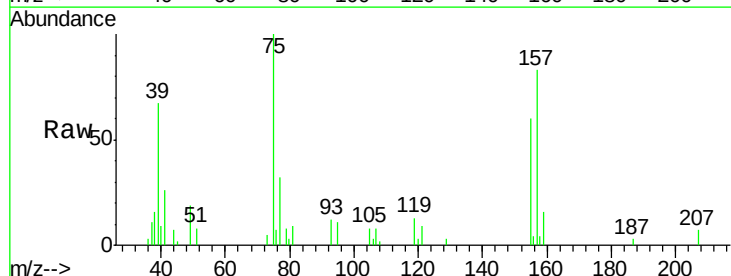
Instrument :
 MSVOA_N
 ClientSampled :
 VN0730WBS01

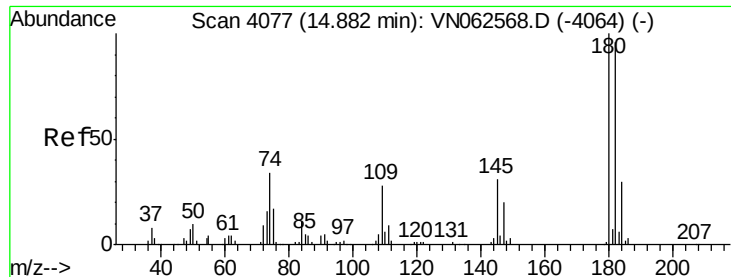
Tot Ion:146 Resp: 70176
 Ion Ratio Lower Upper
 146 100
 111 45.9 21.9 65.8
 148 63.3 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.557 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion: 75 Resp: 11057
 Ion Ratio Lower Upper
 75 100
 155 62.4 35.9 107.5
 157 85.7 45.0 135.0

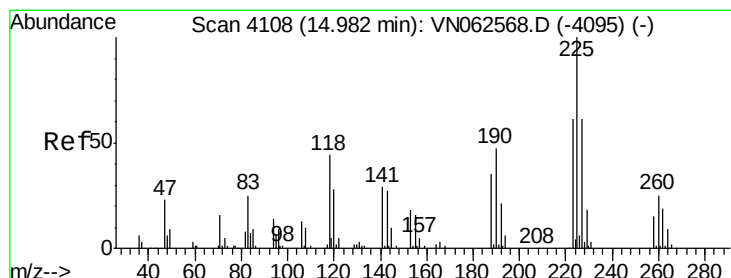
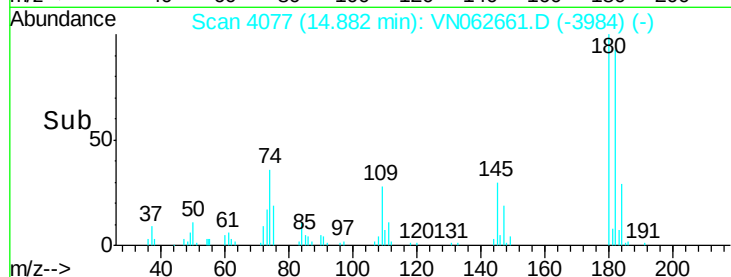
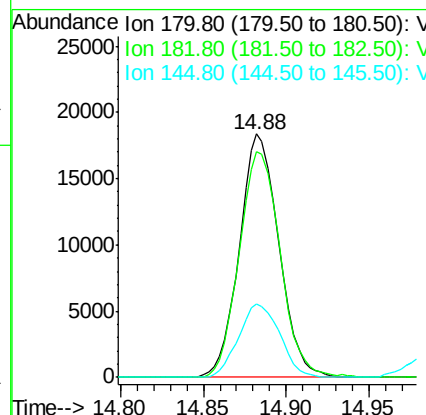
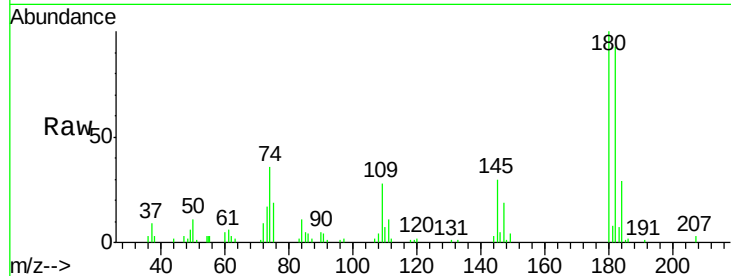




#93
 1,2,4-Trichlorobenzene
 Concen: 17.344 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

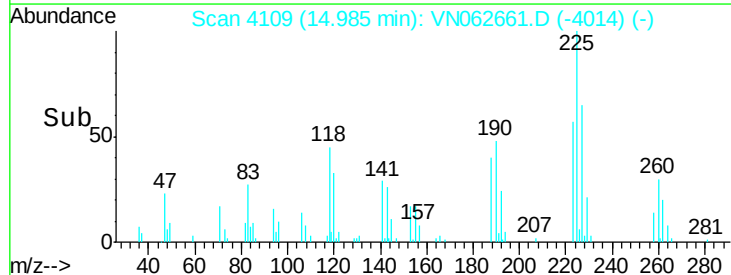
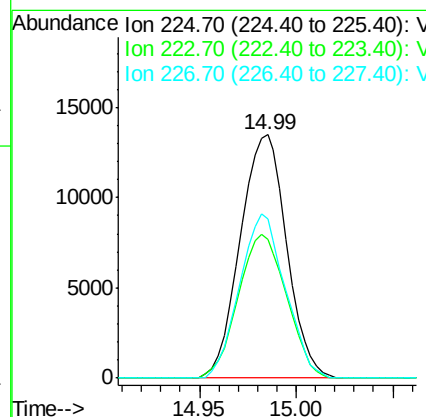
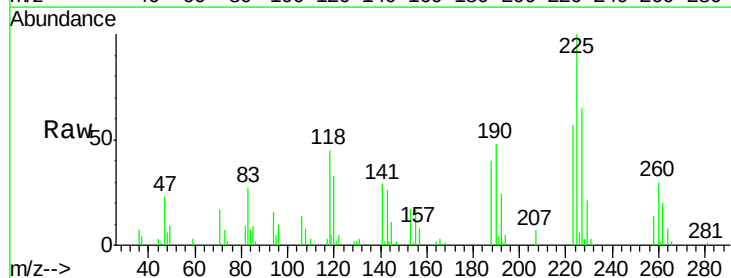
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

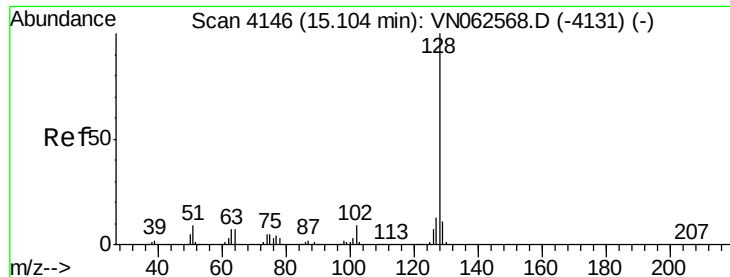
Tot Ion:180 Resp: 30401
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.8 143.3
 145 31.3 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 21.603 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062661.D
 Acq: 30 Jul 2020 10:57

Tgt Ion:225 Resp: 22511
 Ion Ratio Lower Upper
 225 100
 223 61.4 32.0 96.0
 227 66.3 31.1 93.2





#95

Naphthalene

Concen: 16.717 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

VN0730WBS01

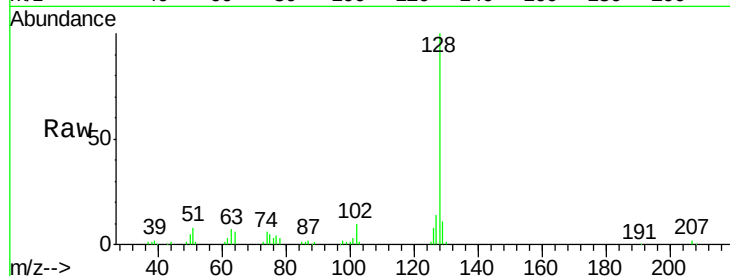
Tot Ion:128 Resp: 74410

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

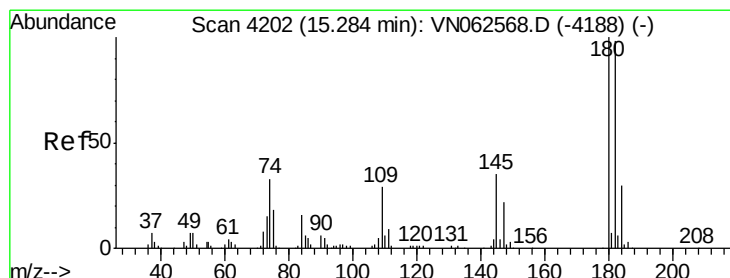
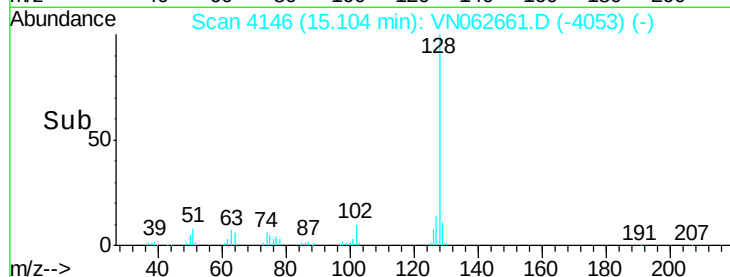
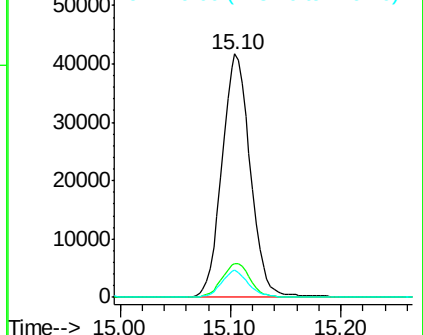
129 10.4 8.7 13.1



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: 16.878 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062661.D

Acq: 30 Jul 2020 10:57

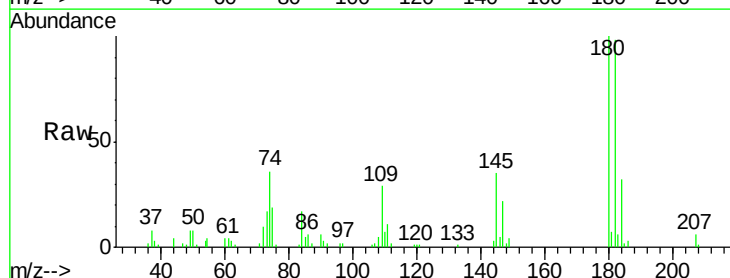
Tgt Ion:180 Resp: 30290

Ion Ratio Lower Upper

180 100

182 98.1 48.1 144.3

145 34.6 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

