

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062702.D
 Acq On : 31 Jul 2020 22:45
 Operator : JC/MD
 Sample : VN0731WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

Quant Time: Aug 01 06:10:17 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	158461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	133717	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
35) Dibromofluoromethane	7.55	113	88374	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.06	98	340387	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.38	95	124858	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32881	17.396	ug/l	98
3) Chloromethane	2.03	50	37186	14.505	ug/l	99
4) Vinyl Chloride	2.16	62	33833	15.224	ug/l	98
5) Bromomethane	2.51	94	20267	20.589	ug/l	97
6) Chloroethane	2.66	64	20271	20.164	ug/l	100
7) Trichlorofluoromethane	2.98	101	57439	22.013	ug/l	97
8) Diethyl Ether	3.37	74	20604	16.886	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30410	18.177	ug/l	95
10) Methyl Iodide	3.90	142	36571	17.099	ug/l	96
11) Tert butyl alcohol	4.74	59	37604	96.028	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	30206	17.803	ug/l	93
13) Acrolein	3.57	56	17076	48.838	ug/l	99
14) Allyl chloride	4.27	41	57735	15.731	ug/l	94
15) Acrylonitrile	4.93	53	92051	87.762	ug/l	99
16) Acetone	3.78	43	81283	87.748	ug/l	96
17) Carbon Disulfide	4.00	76	85800	15.391	ug/l	99
18) Methyl Acetate	4.28	43	47989	20.464	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	116525	18.659	ug/l	96
20) Methylene Chloride	4.50	84	38654	17.398	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	32959	17.502	ug/l	96
22) Diisopropyl ether	5.90	45	123281	16.899	ug/l	92
23) Vinyl Acetate	5.84	43	498503	83.395	ug/l	97
24) 1,1-Dichloroethane	5.80	63	69587	17.713	ug/l	97
25) 2-Butanone	6.79	43	121980	86.464	ug/l	100
26) 2,2-Dichloropropane	6.77	77	54653	16.947	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	37483	17.443	ug/l	97
28) Bromochloromethane	7.15	49	34487	17.838	ug/l	92
29) Tetrahydrofuran	7.17	42	81139	84.998	ug/l	95
30) Chloroform	7.33	83	70490	18.872	ug/l	99
31) Cyclohexane	7.61	56	59253	16.336	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	62594	20.072	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50562	17.788	ug/l	99
37) Ethyl Acetate	6.88	43	49733	16.231	ug/l	97
38) Carbon Tetrachloride	7.73	117	56985	20.857	ug/l	98

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 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	51917	16.968	ug/l	98
40) Benzene	8.00	78	148332	17.237	ug/l	99
41) Methacrylonitrile	7.12	41	19961	15.201	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	61981	19.701	ug/l	97
43) Isopropyl Acetate	8.13	43	84462	17.100	ug/l #	91
44) Trichloroethene	8.80	130	34939	18.004	ug/l	99
45) 1,2-Dichloropropane	9.08	63	41372	17.123	ug/l	99
46) Dibromomethane	9.17	93	25894	18.543	ug/l	99
47) Bromodichloromethane	9.37	83	58911	19.472	ug/l	96
48) Methyl methacrylate	9.17	41	40820	17.385	ug/l	94
49) 1,4-Dioxane	9.17	88	13663	378.868	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	266771	90.265	ug/l	99
52) Toluene	10.12	92	91482	18.308	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61165	18.161	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64936	17.969	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	36776	18.974	ug/l	95
56) Ethyl methacrylate	10.40	69	55474	17.144	ug/l	97
57) 1,3-Dichloropropane	10.68	76	63582	17.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80691	88.484	ug/l	97
59) 2-Hexanone	10.72	43	190449	85.297	ug/l	99
60) Dibromochloromethane	10.87	129	41428	19.160	ug/l	95
61) 1,2-Dibromoethane	10.98	107	35235	17.458	ug/l	93
64) Tetrachloroethene	10.60	164	29925	18.770	ug/l	98
65) Chlorobenzene	11.41	112	93653	18.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	37419	19.335	ug/l	98
67) Ethyl Benzene	11.48	91	174202	18.469	ug/l	97
68) m/p-Xylenes	11.60	106	128334	37.854	ug/l	100
69) o-Xylene	11.92	106	60240	18.712	ug/l	95
70) Styrene	11.94	104	103972	19.119	ug/l	98
71) Bromoform	12.10	173	29450	20.267	ug/l #	99
73) Isopropylbenzene	12.22	105	168223	19.063	ug/l	98
74) N-amyl acetate	12.05	43	68890	17.480	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	54621	17.811	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	73561	25.895	ug/l #	100
77) Bromobenzene	12.50	156	40536	19.114	ug/l	94
78) n-propylbenzene	12.57	91	190376	18.417	ug/l	100
79) 2-Chlorotoluene	12.65	91	119476	18.754	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	147561	20.158	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	17785	17.428	ug/l	94
82) 4-Chlorotoluene	12.75	91	121699	18.353	ug/l	99
83) tert-Butylbenzene	12.97	119	121273	19.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	140654	19.587	ug/l	99
85) sec-Butylbenzene	13.15	105	159409	19.589	ug/l	99
86) p-Isopropyltoluene	13.26	119	136935	19.565	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	67503	18.138	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	68773	18.772	ug/l	98
89) n-Butylbenzene	13.59	91	107627	17.897	ug/l	100
90) Hexachloroethane	13.85	117	27371	18.370	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	67191	18.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11113	19.960	ug/l	95

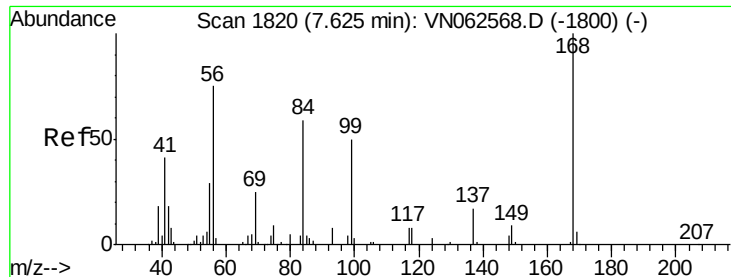
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	27656	16.967	ug/l	97
94) Hexachlorobutadiene	14.98	225	21381	21.966	ug/l	97
95) Naphthalene	15.10	128	70094	16.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	28522	17.008	ug/l	100

(#) = 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: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

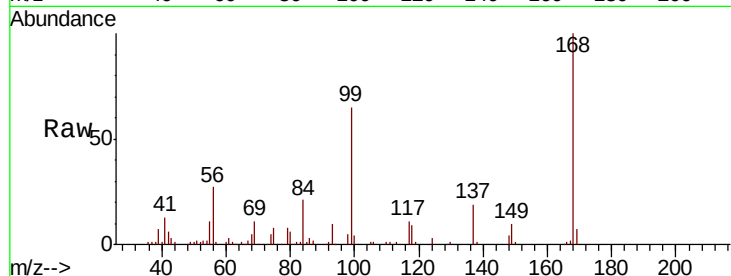
VN0731WBS02

Tot Ion:168 Resp: 158461

Ion Ratio Lower Upper

168 100

99 64.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VN062702.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062702.D (-1727) (-)

7.63

60000

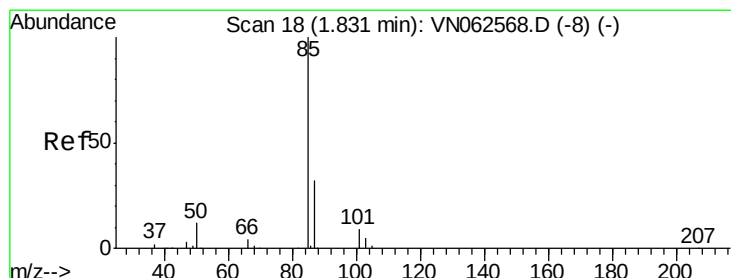
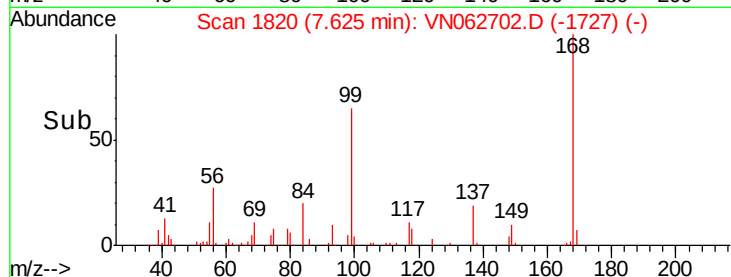
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.396 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062702.D

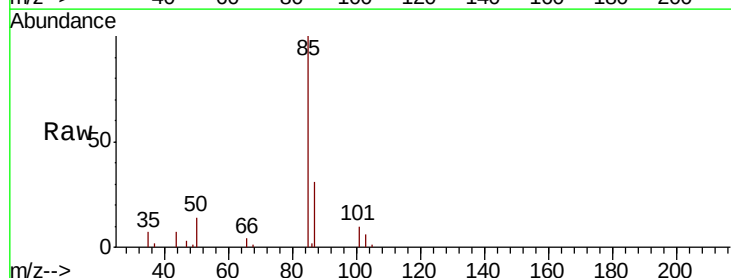
Acq: 31 Jul 2020 22:45

Tgt Ion: 85 Resp: 32881

Ion Ratio Lower Upper

85 100

87 31.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN062702.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN062702.D (-1) (-)

1.83

25000

20000

15000

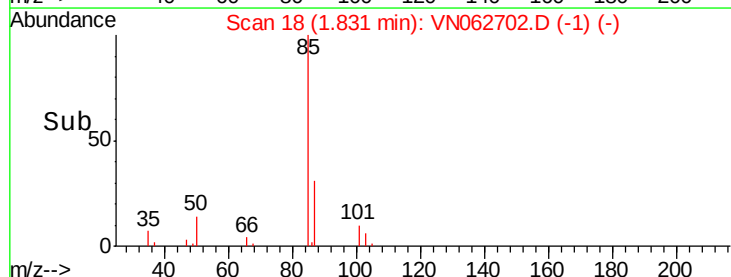
10000

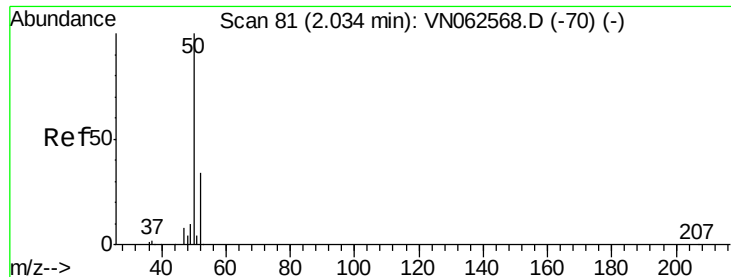
5000

0

1.80 1.85 1.90

Time-->

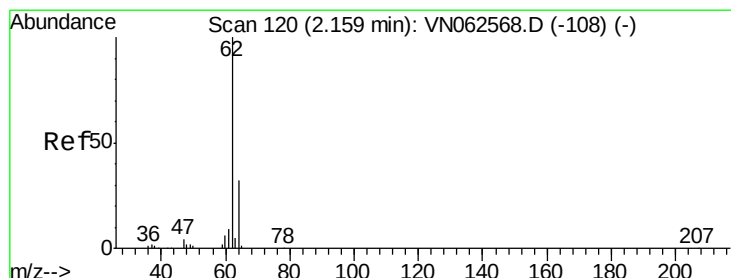
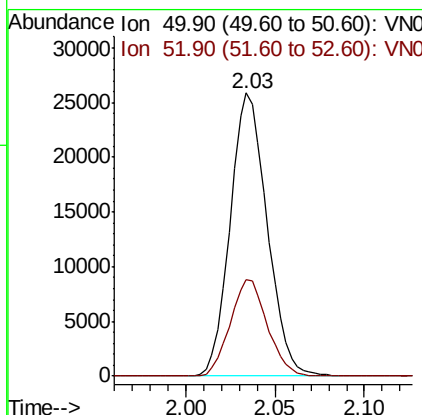
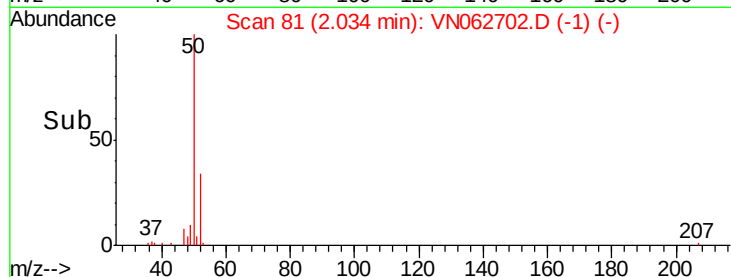
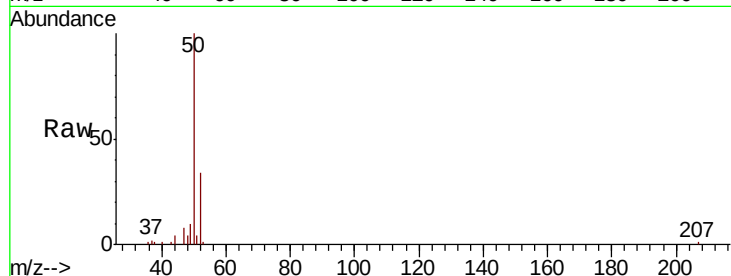




#3
Chloromethane
Concen: 14.505 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

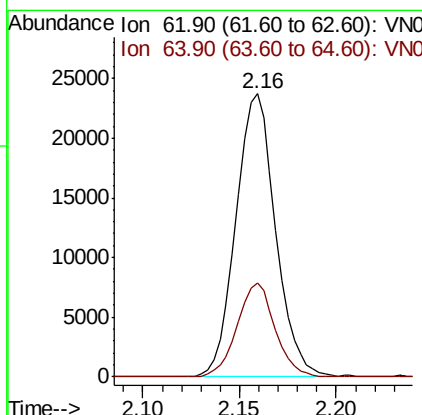
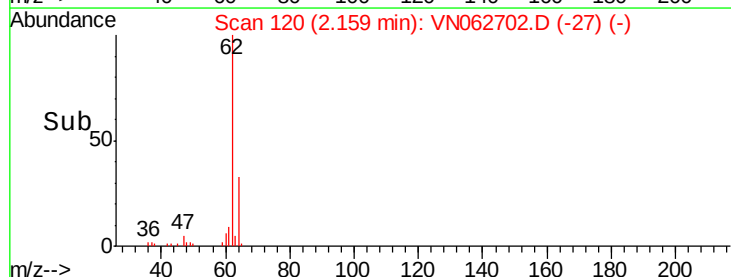
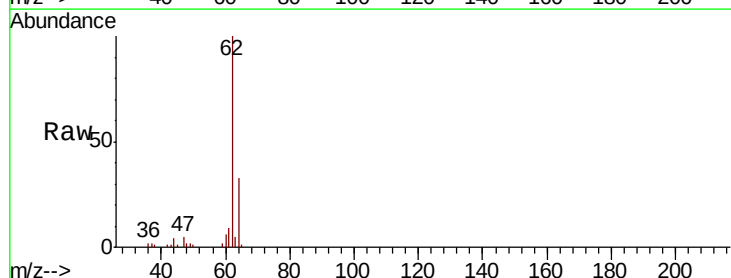
Instrument :
MSVOA_N
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VN0731WBS02

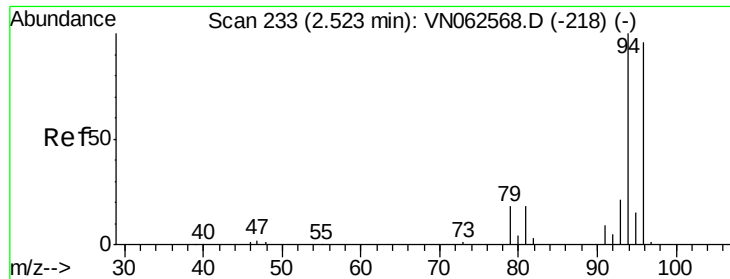
Tot Ion: 50 Resp: 37186
Ion Ratio Lower Upper
50 100
52 34.0 27.0 40.4



#4
Vinyl Chloride
Concen: 15.224 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 62 Resp: 33833
Ion Ratio Lower Upper
62 100
64 33.2 25.8 38.8





#5

Bromomethane

Concen: 20.589 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

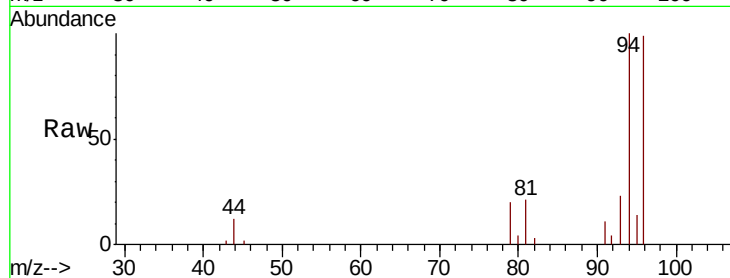
VN0731WBS02

Tot Ion: 94 Resp: 20267

Ion Ratio Lower Upper

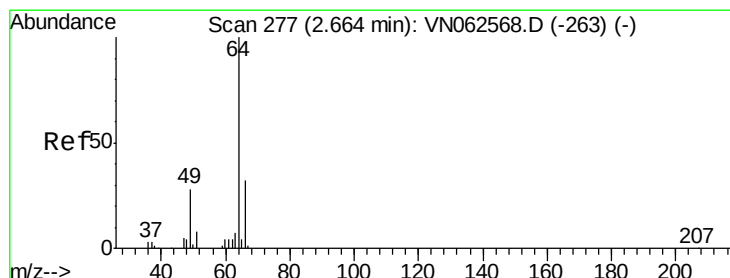
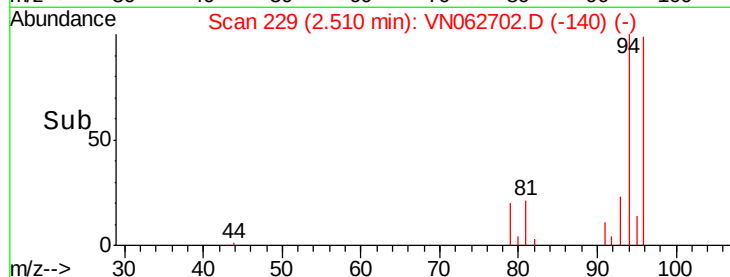
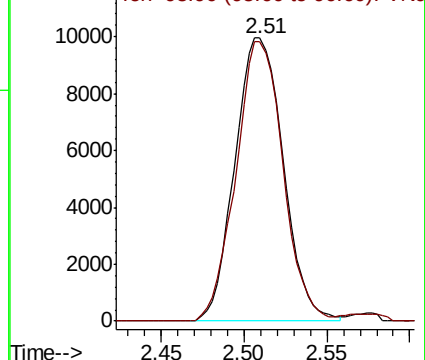
94 100

96 98.9 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: 20.164 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062702.D

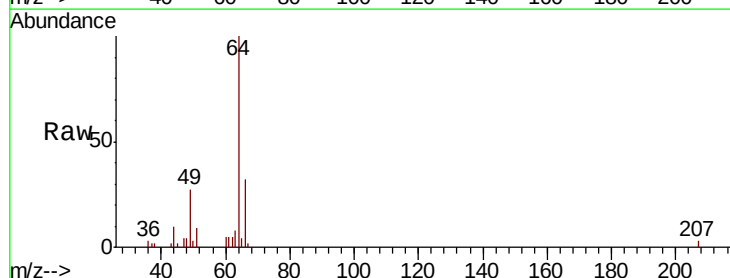
Acq: 31 Jul 2020 22:45

Tgt Ion: 64 Resp: 20271

Ion Ratio Lower Upper

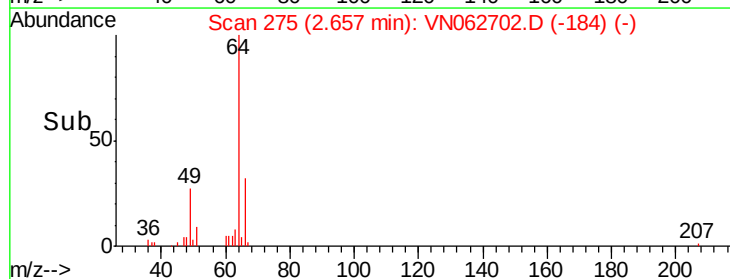
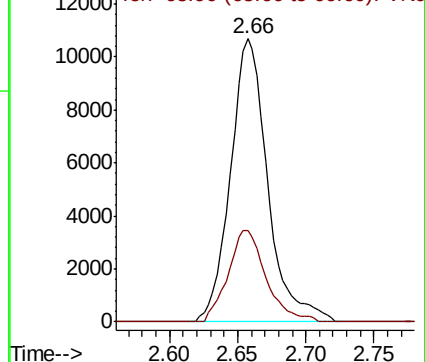
64 100

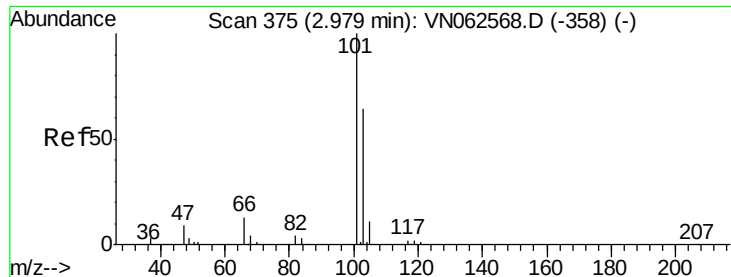
66 32.1 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



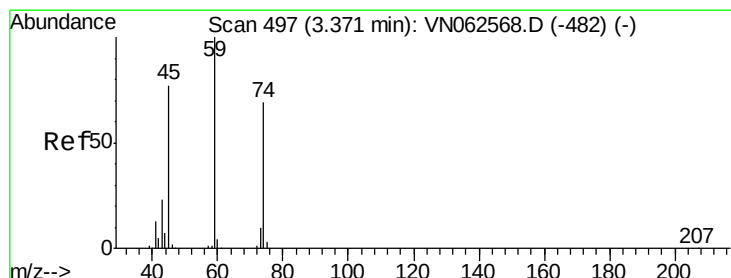
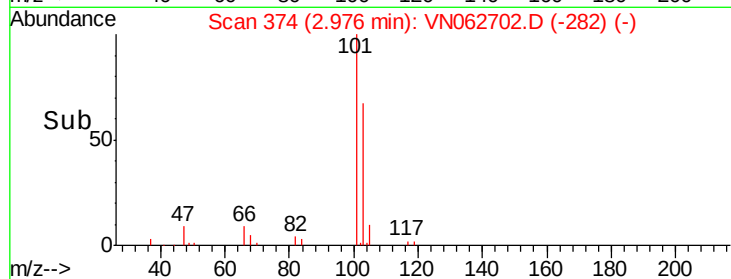
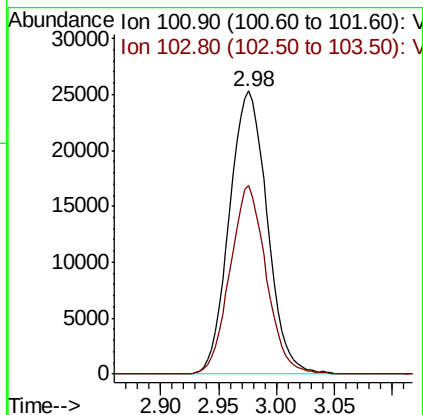
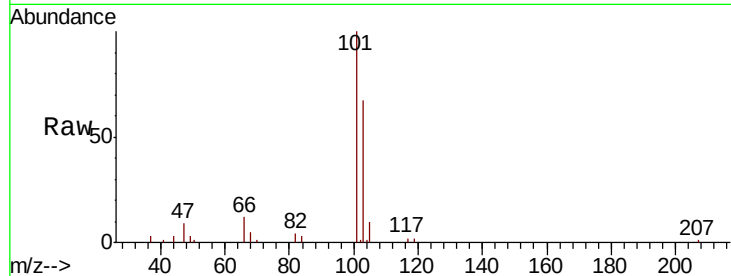


#7

Trichlorofluoromethane
 Concen: 22.013 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
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 VN0731WBS02

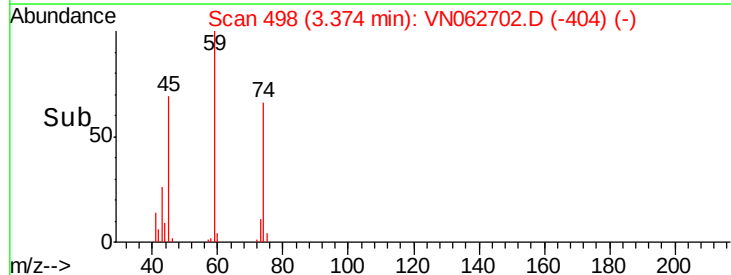
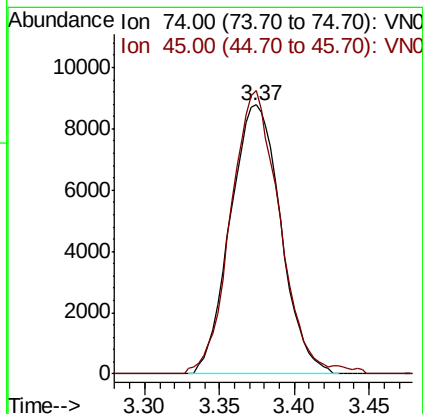
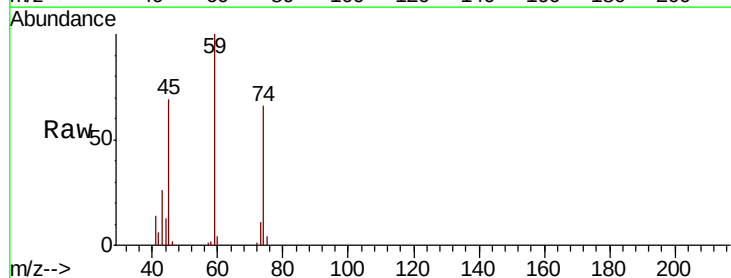
Tot Ion:101 Resp: 57439
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.5 77.3

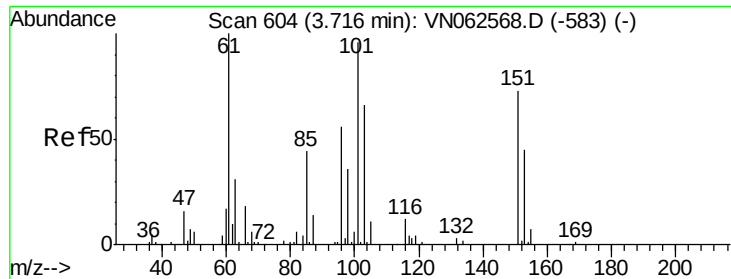


#8

Diethyl Ether
 Concen: 16.886 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 74 Resp: 20604
 Ion Ratio Lower Upper
 74 100
 45 102.5 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.177 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

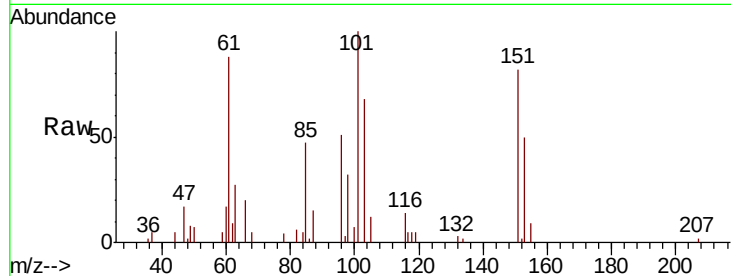
Tot Ion:101 Resp: 30410

Ion Ratio Lower Upper

101 100

85 48.1 36.0 54.0

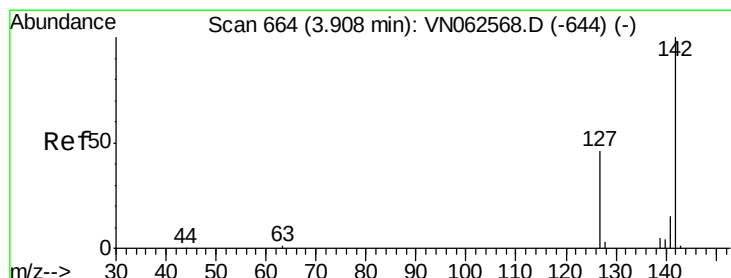
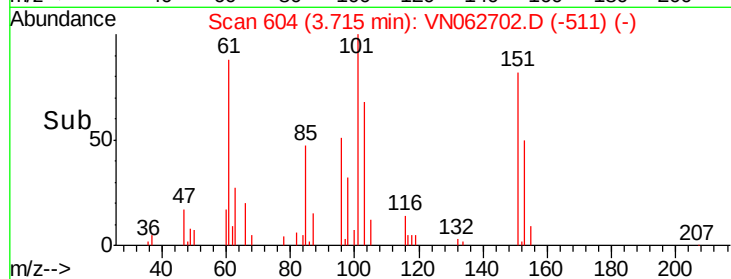
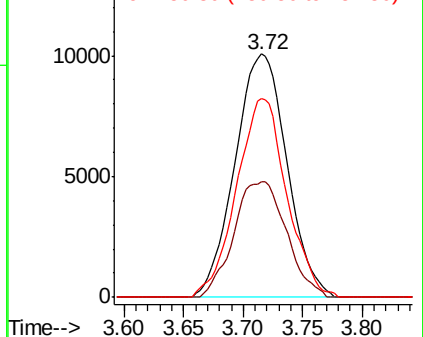
151 78.8 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.099 ug/l

RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

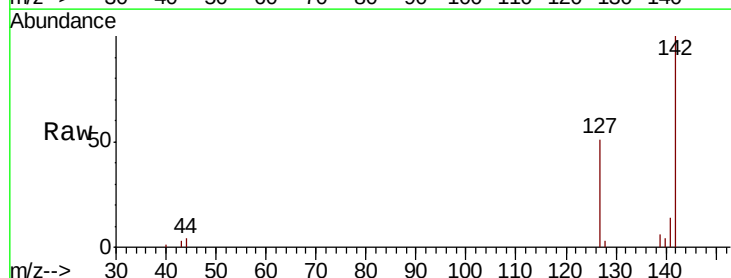
Tgt Ion:142 Resp: 36571

Ion Ratio Lower Upper

142 100

127 50.2 37.4 56.0

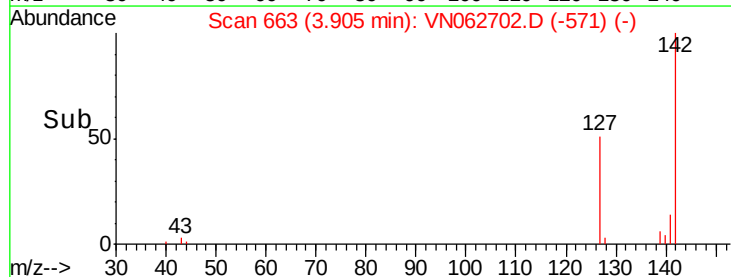
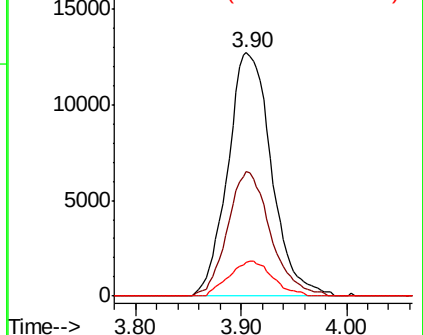
141 14.4 11.9 17.9

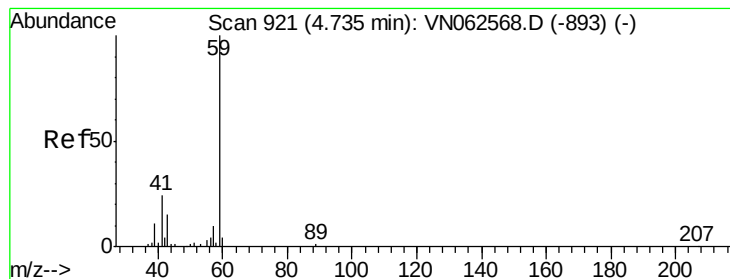


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.028 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

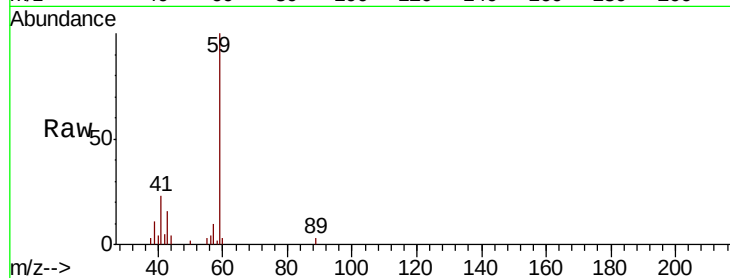
VN0731WBS02

Tot Ion: 59 Resp: 37604

Ion Ratio Lower Upper

59 100

57 5.1 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.74

10000

8000

6000

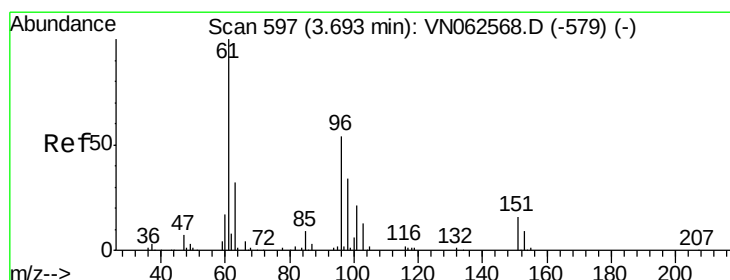
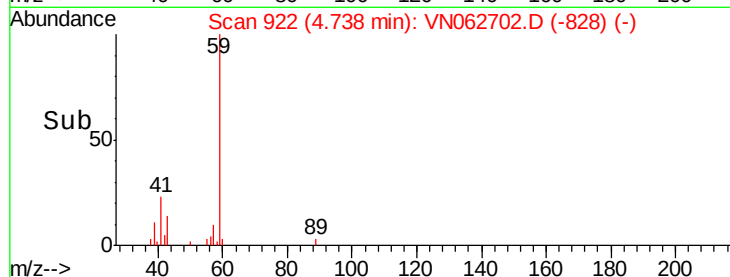
4000

2000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 17.803 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

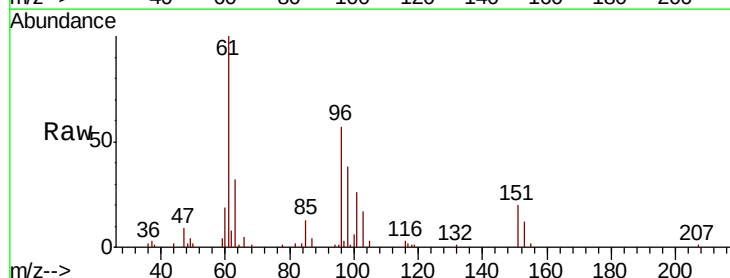
Tgt Ion: 96 Resp: 30206

Ion Ratio Lower Upper

96 100

61 175.0 148.6 222.8

98 67.2 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

3.69

25000

20000

15000

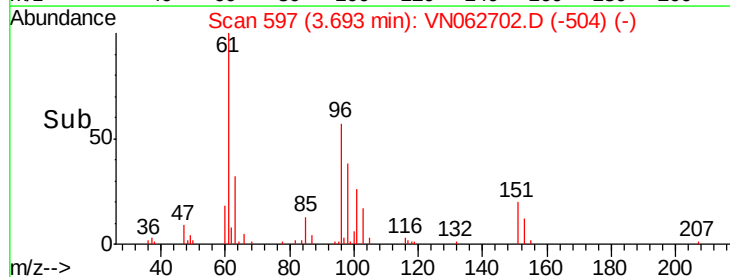
10000

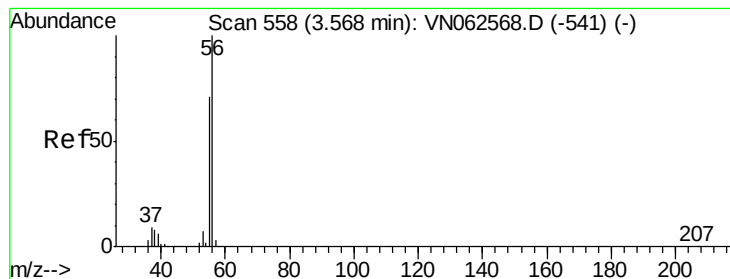
5000

0

Time-->

3.60 3.65 3.70 3.75





#13

Acrolein

Concen: 48.838 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

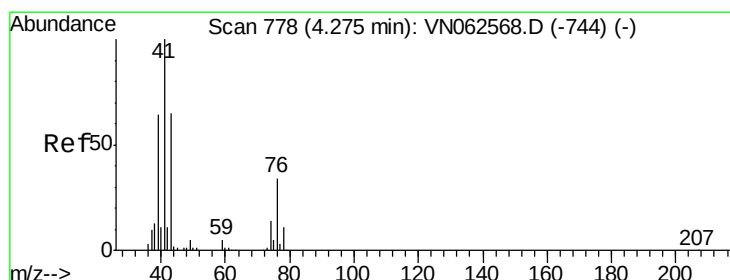
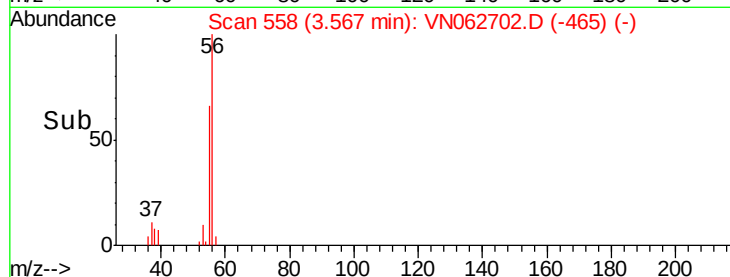
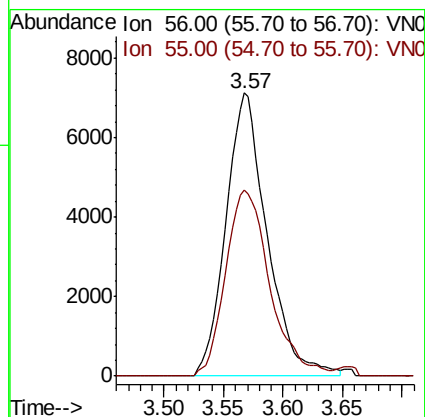
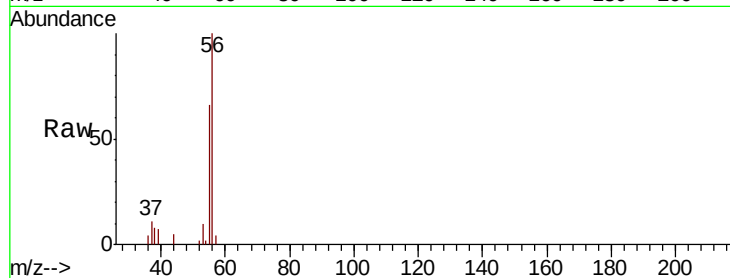
VN0731WBS02

Tot Ion: 56 Resp: 17076

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 15.731 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

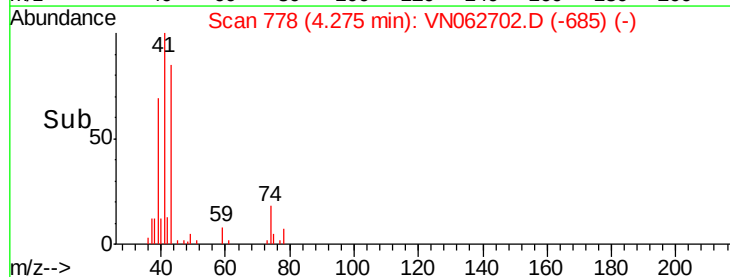
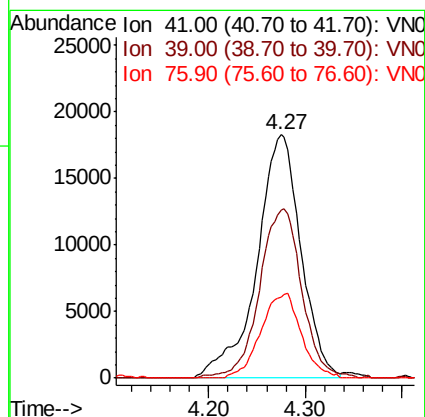
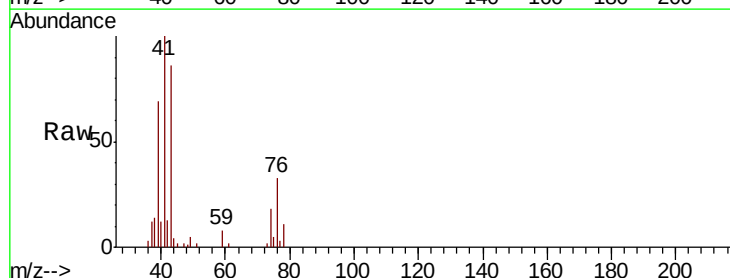
Tgt Ion: 41 Resp: 57735

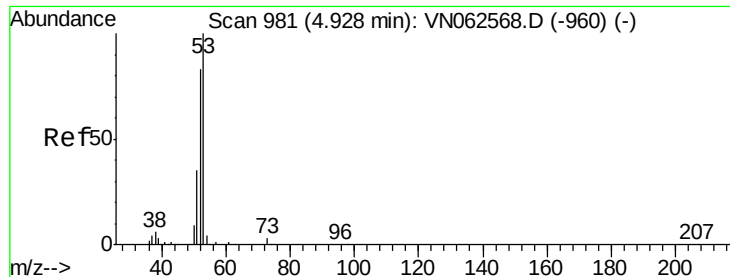
Ion Ratio Lower Upper

41 100

39 67.0 49.0 73.4

76 31.9 24.0 36.0





#15

Acrylonitrile

Concen: 87.762 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

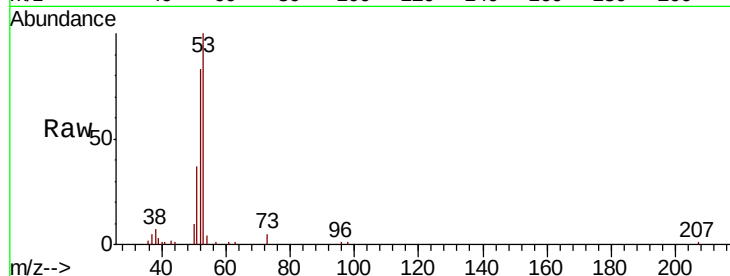
Tot Ion: 53 Resp: 92051

Ion Ratio Lower Upper

53 100

52 82.7 66.3 99.5

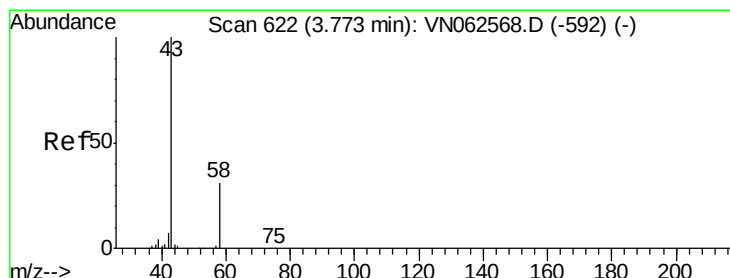
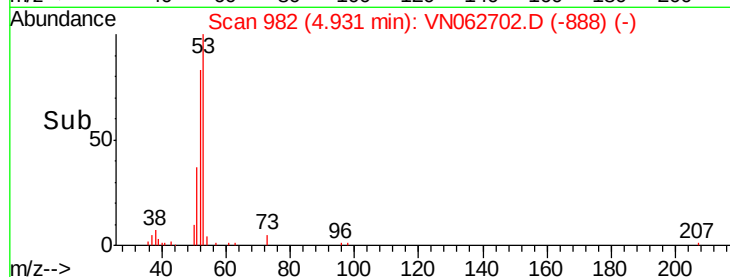
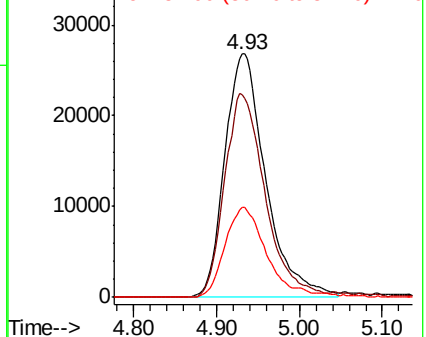
51 37.2 28.6 43.0



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: 87.748 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062702.D

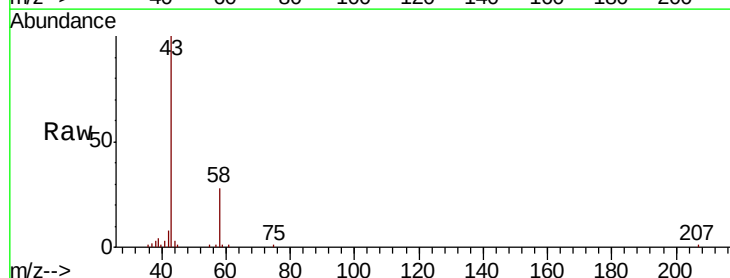
Acq: 31 Jul 2020 22:45

Tgt Ion: 43 Resp: 81283

Ion Ratio Lower Upper

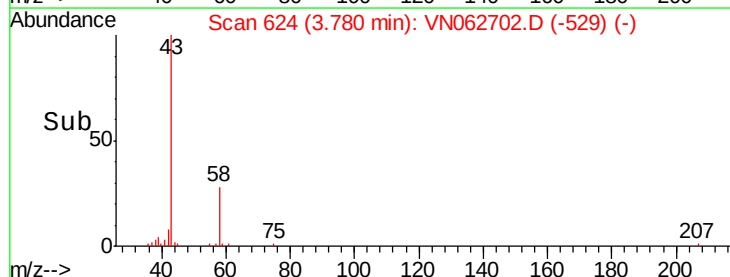
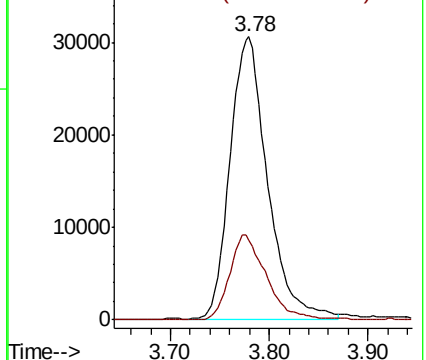
43 100

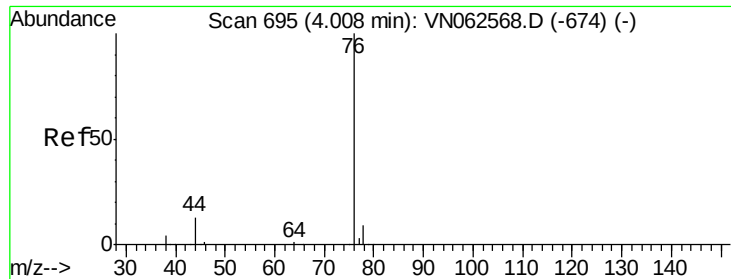
58 28.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 15.391 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

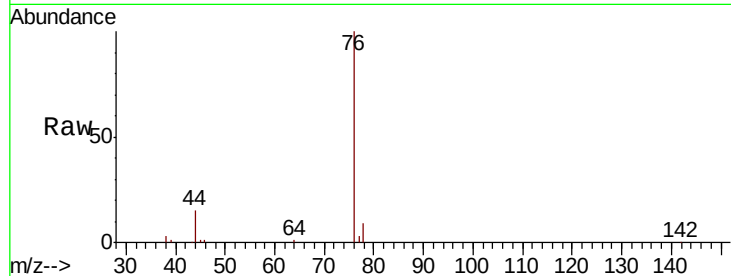
VN0731WBS02

Tot Ion: 76 Resp: 85800

Ion Ratio Lower Upper

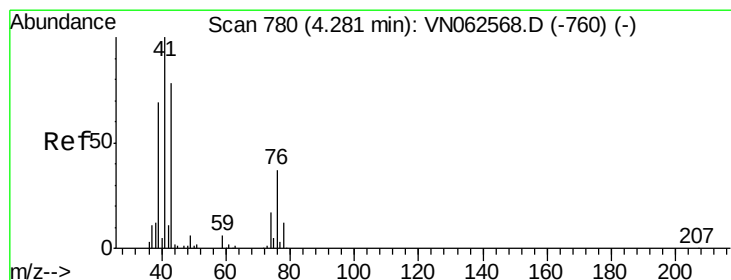
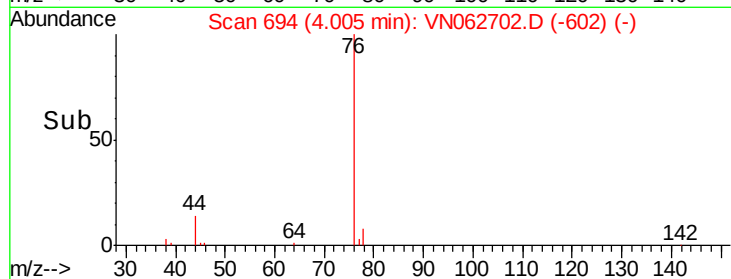
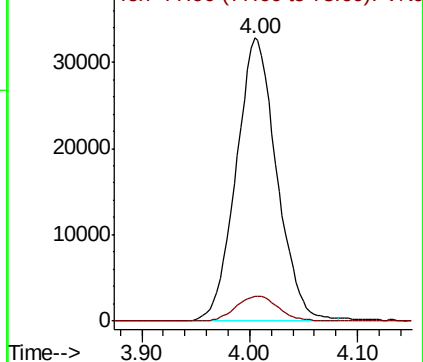
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.464 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062702.D

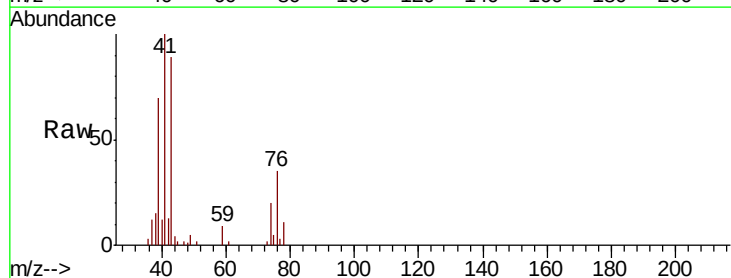
Acq: 31 Jul 2020 22:45

Tgt Ion: 43 Resp: 47989

Ion Ratio Lower Upper

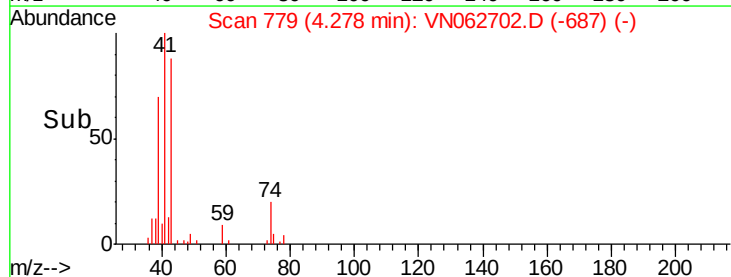
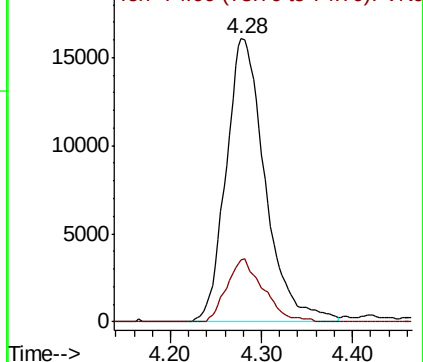
43 100

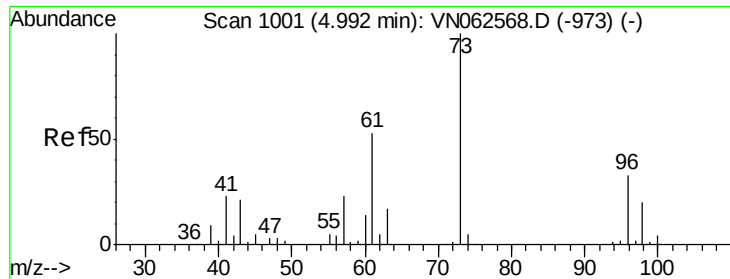
74 20.8 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

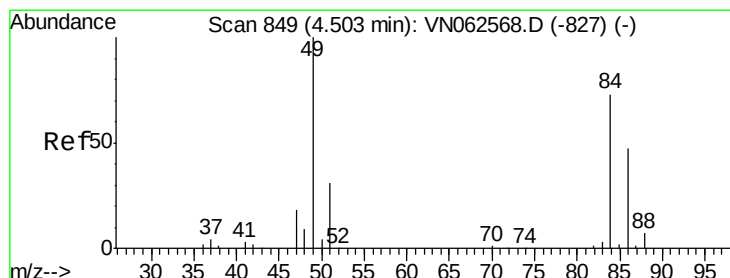
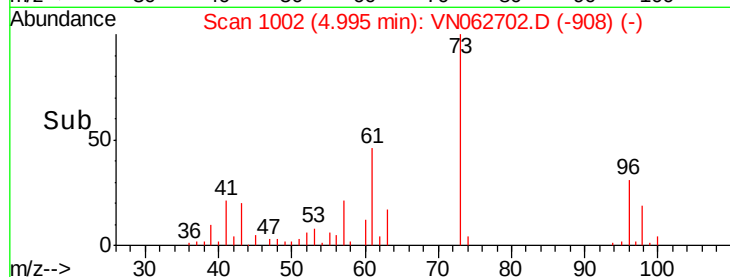
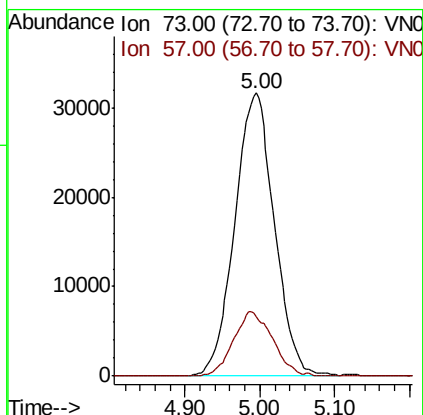
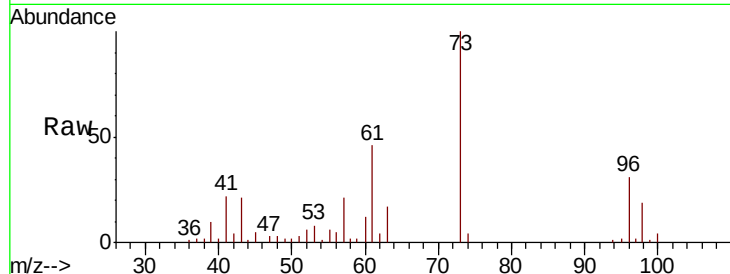




#19
Methyl tert-butyl Ether
Concen: 18.659 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

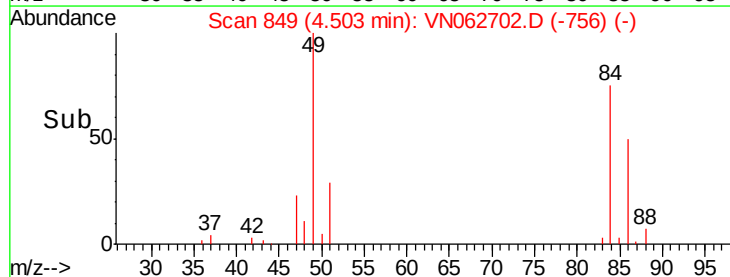
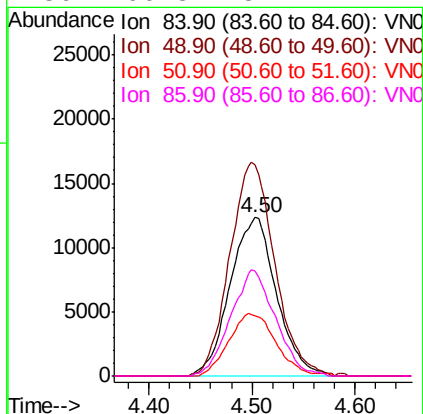
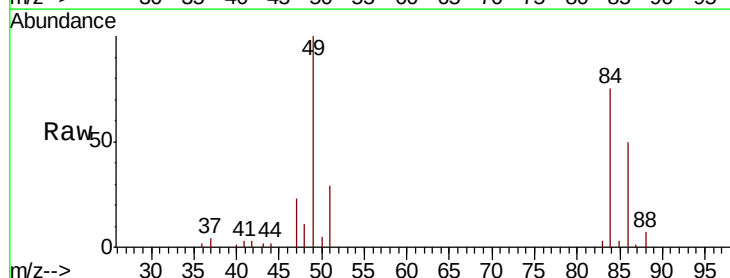
Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

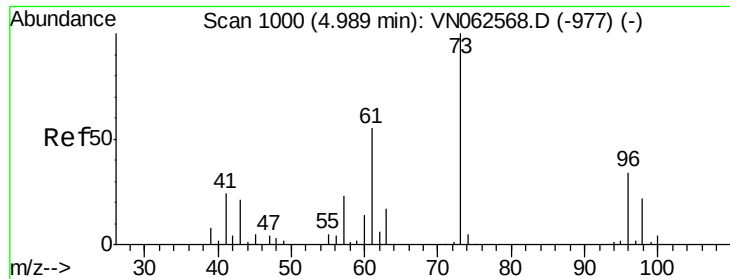
Tot Ion: 73 Resp: 116525
Ion Ratio Lower Upper
73 100
57 21.2 18.6 27.8



#20
Methylene Chloride
Concen: 17.398 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 84 Resp: 38654
Ion Ratio Lower Upper
84 100
49 133.1 109.4 164.0
51 38.3 33.6 50.4
86 66.3 51.4 77.2

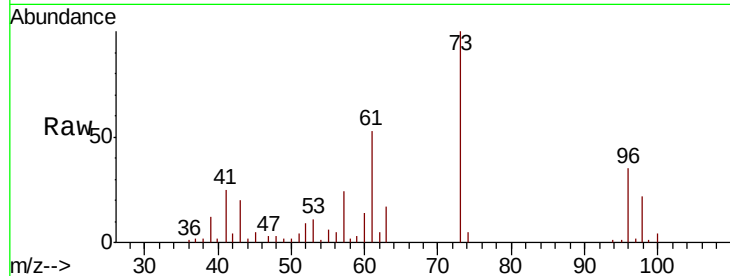




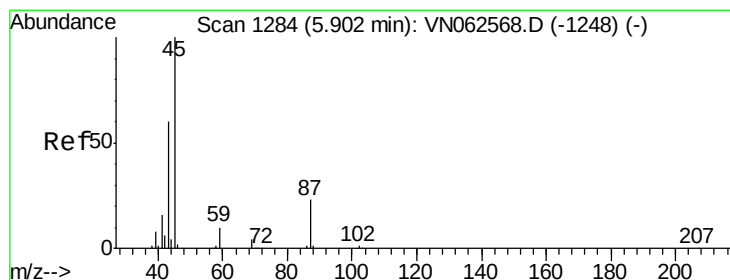
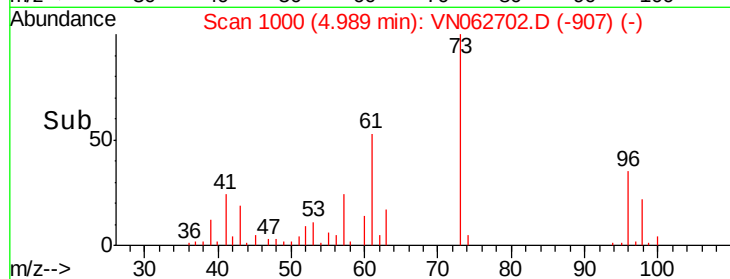
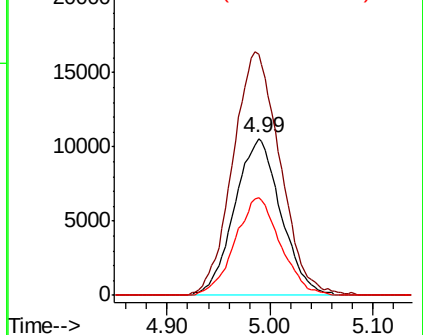
#21
trans-1,2-Dichloroethene
Concen: 17.502 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

Tot Ion: 96 Resp: 32959
Ion Ratio Lower Upper
96 100
61 153.9 128.6 192.8
98 62.4 50.6 76.0

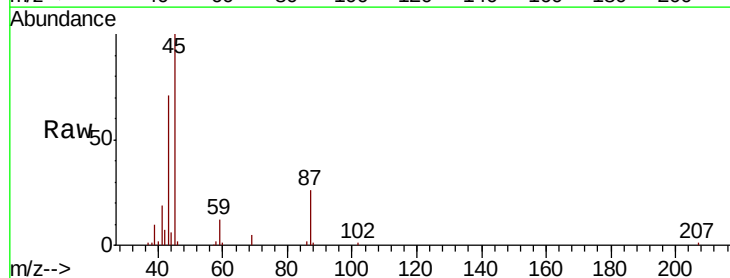


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

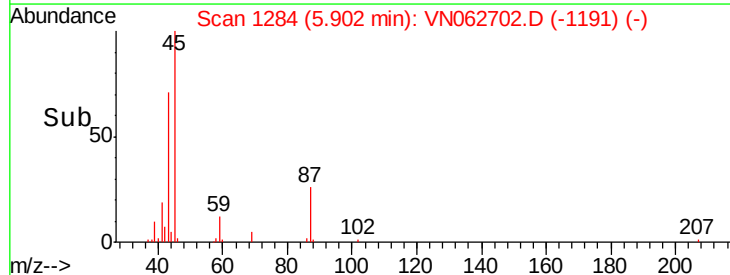
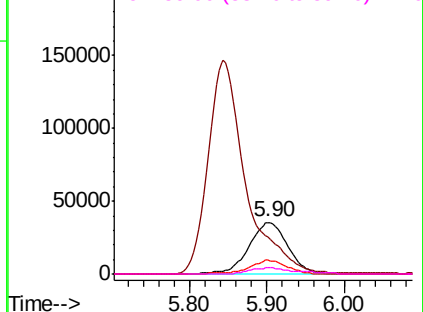


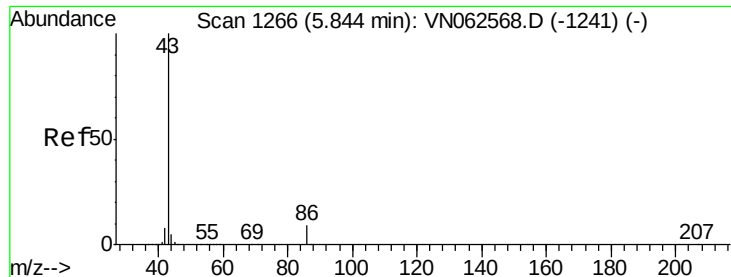
#22
Diisopropyl ether
Concen: 16.899 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 45 Resp: 123281
Ion Ratio Lower Upper
45 100
43 67.8 48.7 73.1
87 26.3 19.0 28.6
59 12.4 8.6 13.0



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





#23

Vinyl Acetate

Concen: 83.395 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

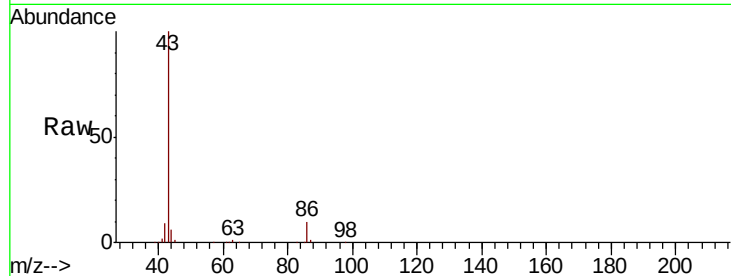
VN0731WBS02

Tot Ion: 43 Resp: 498503

Ion Ratio Lower Upper

43 100

86 9.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN062702.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062702.D (-1173) (-)

5.84

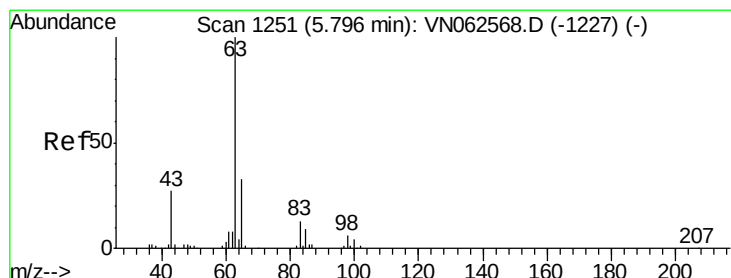
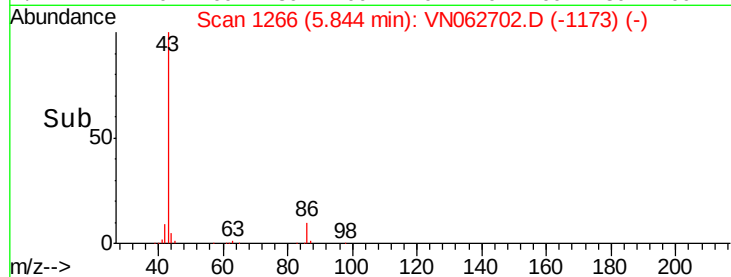
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 17.713 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

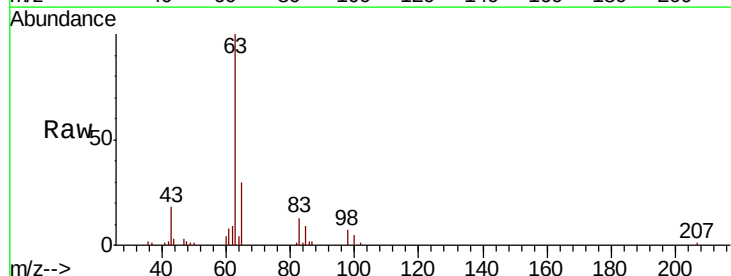
Tgt Ion: 63 Resp: 69587

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 4.6 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN062702.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062702.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062702.D (-1158) (-)

5.80

30000

25000

20000

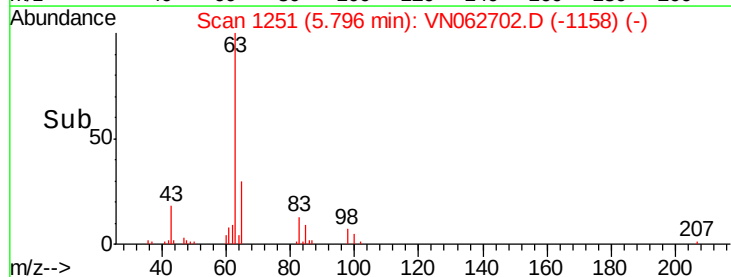
15000

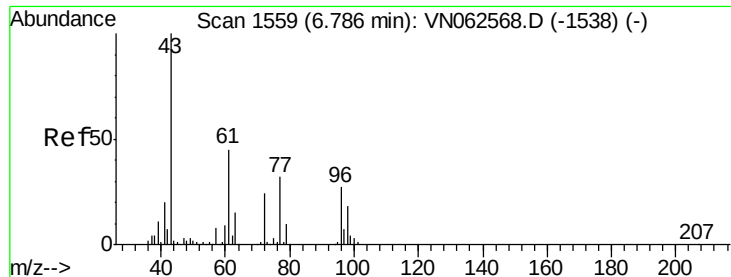
10000

5000

0

Time--> 5.70 5.80 5.90

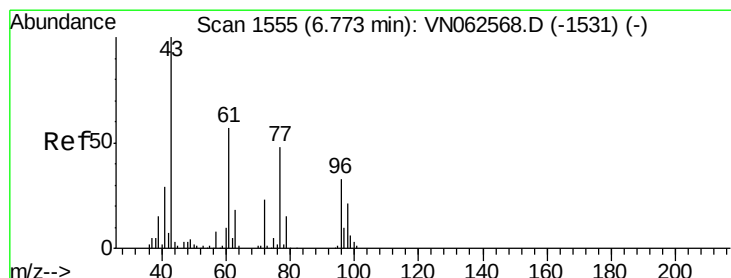
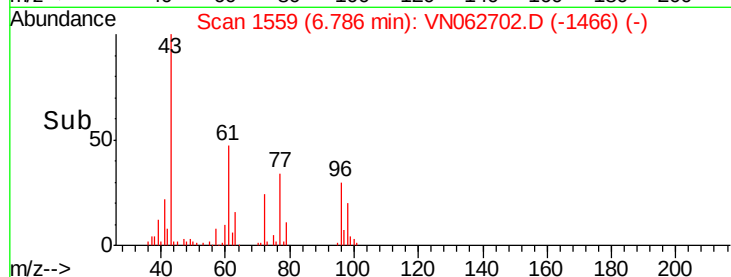
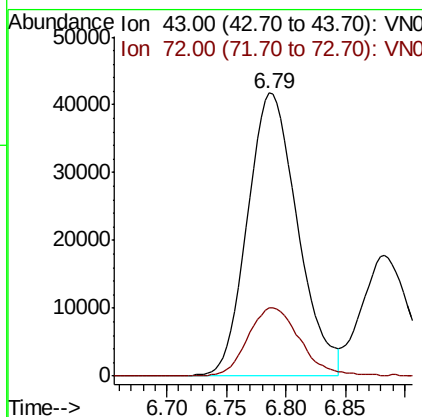
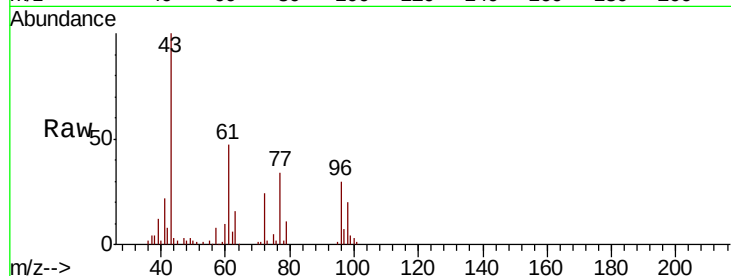




#25
 2-Butanone
 Concen: 86.464 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

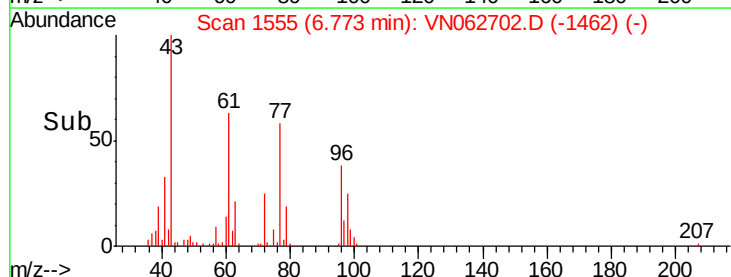
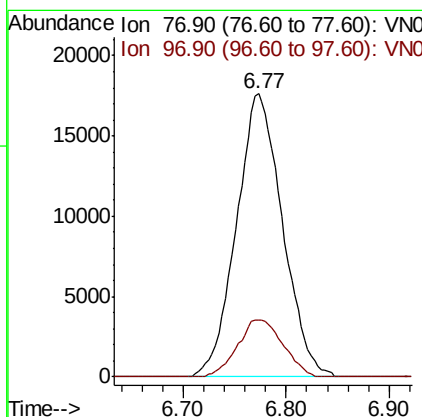
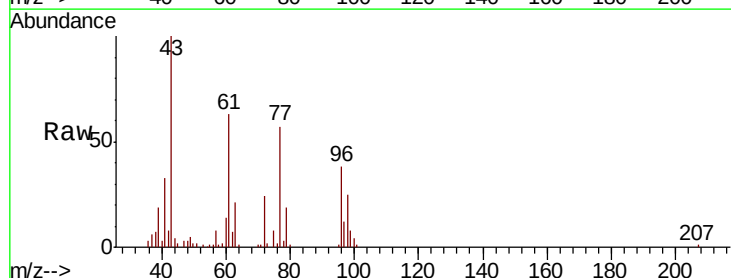
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

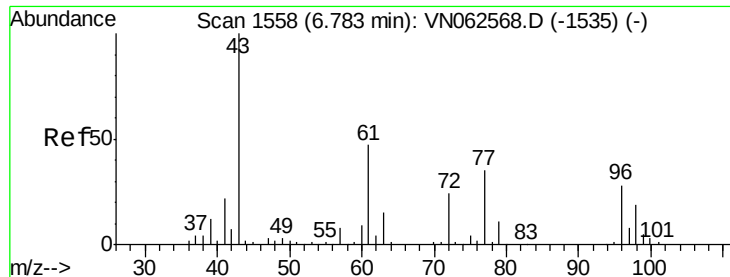
Tot Ion: 43 Resp: 121980
 Ion Ratio Lower Upper
 43 100
 72 24.0 19.0 28.6



#26
 2,2-Dichloropropane
 Concen: 16.947 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 77 Resp: 54653
 Ion Ratio Lower Upper
 77 100
 97 19.9 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 17.443 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

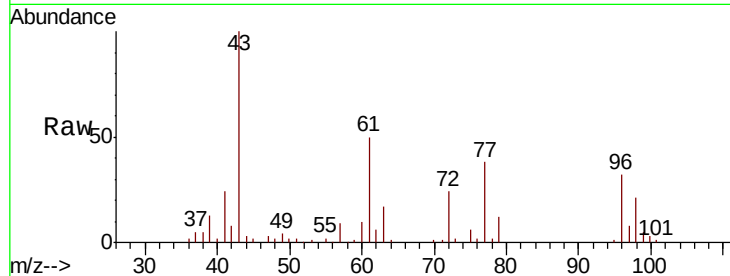
Tot Ion: 96 Resp: 37483

Ion Ratio Lower Upper

96 100

61 162.9 0.0 332.4

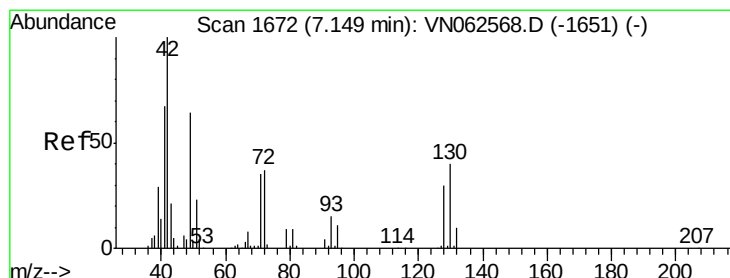
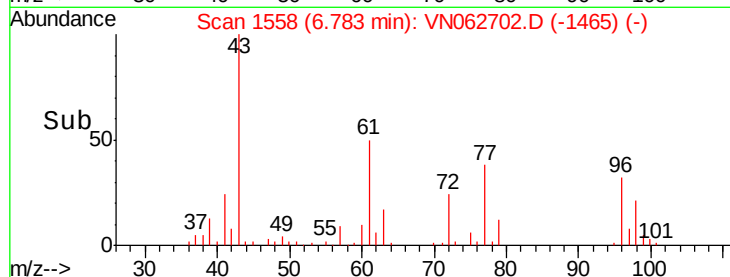
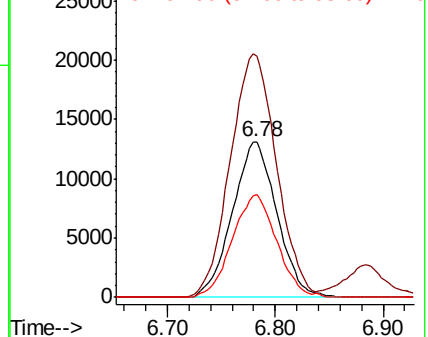
98 66.1 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.838 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

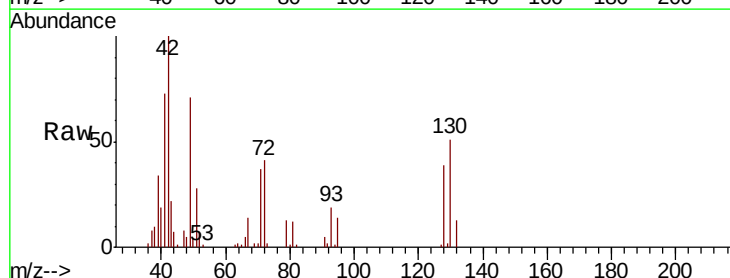
Tgt Ion: 49 Resp: 34487

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.4

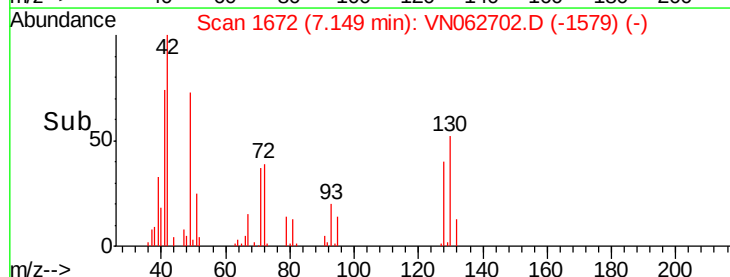
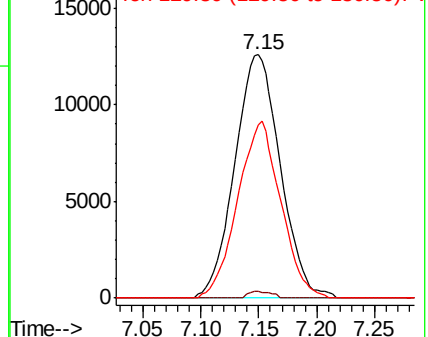
130 68.6 49.8 74.8

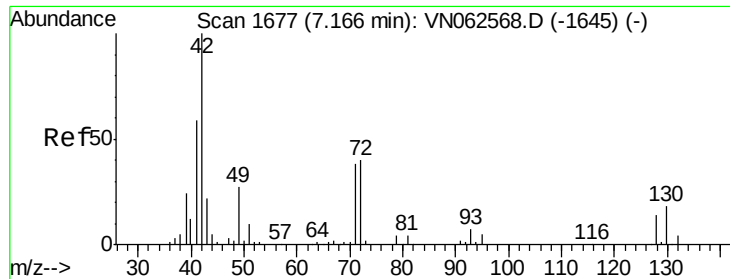


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

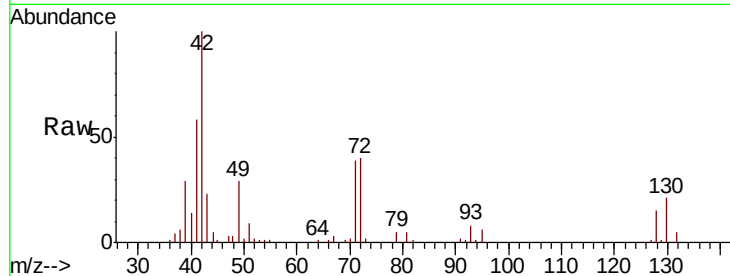




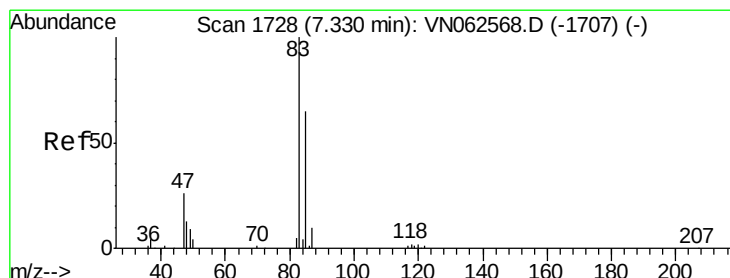
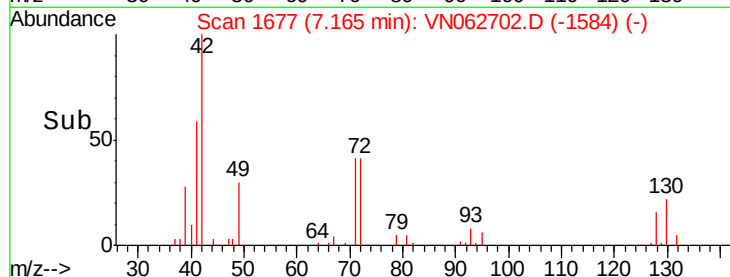
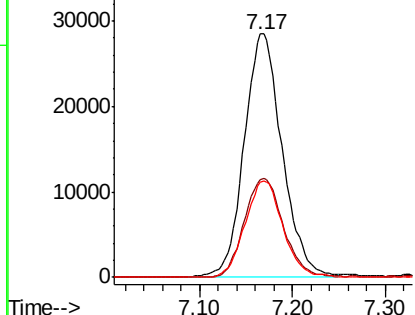
#29
Tetrahydrofuran
Concen: 84.998 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion: 42 Resp: 81139
Ion Ratio Lower Upper
42 100
72 41.4 30.7 46.1
71 39.2 29.1 43.7

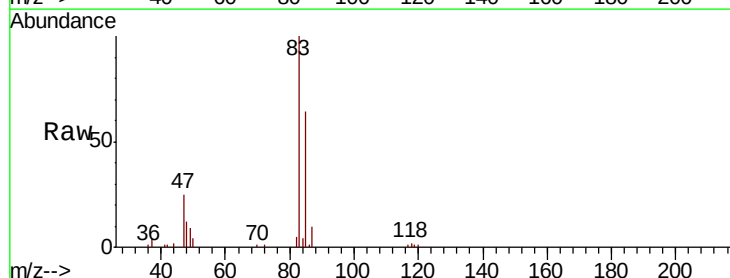


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

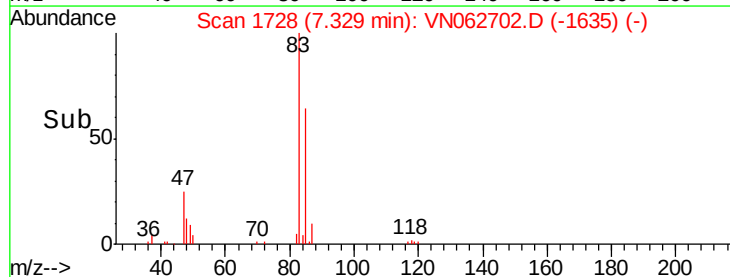
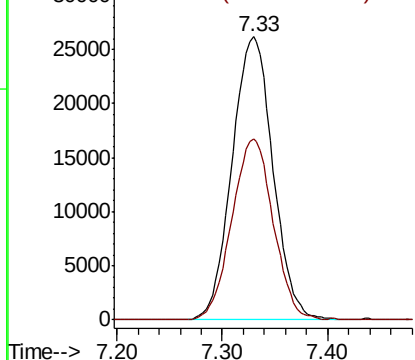


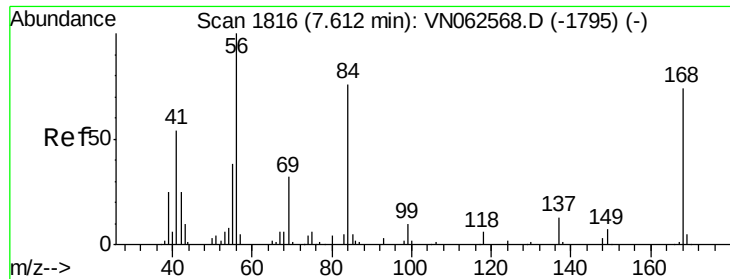
#30
Chloroform
Concen: 18.872 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 83 Resp: 70490
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0



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

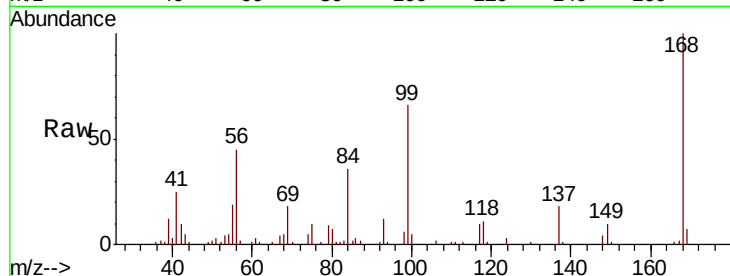




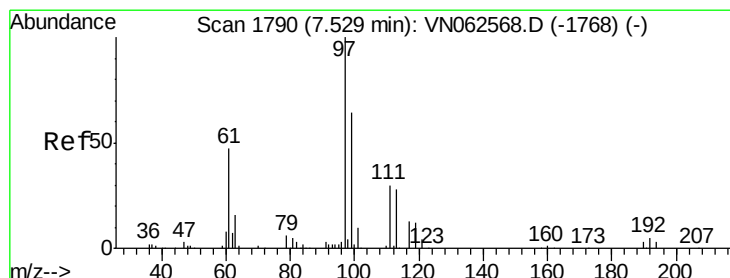
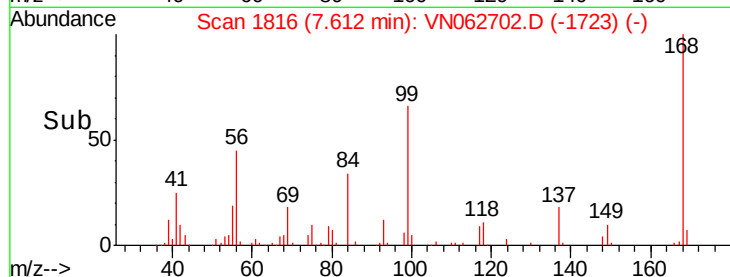
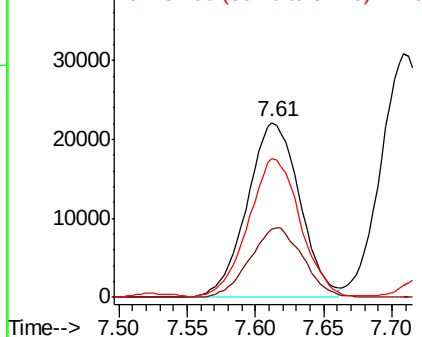
#31
Cyclohexane
Concen: 16.336 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion: 56 Resp: 59253
Ion Ratio Lower Upper
56 100
69 38.9 25.3 37.9#
84 79.6 61.0 91.4

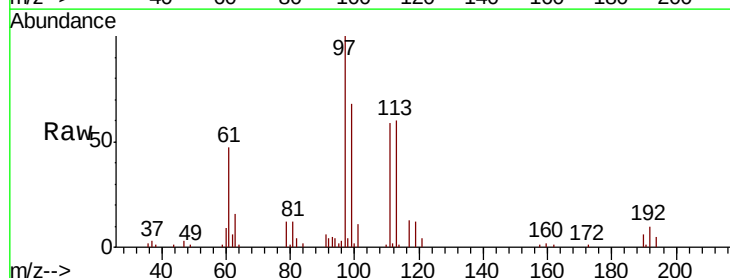


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

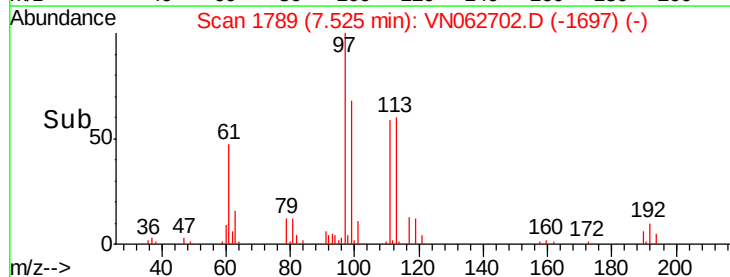
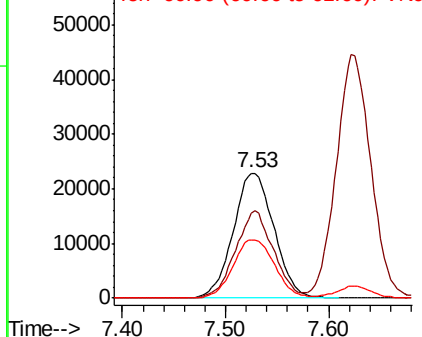


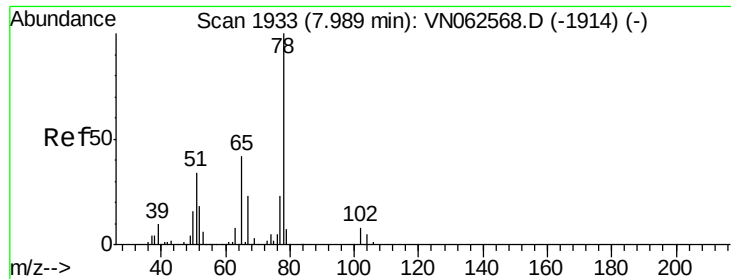
#32
1,1,1-Trichloroethane
Concen: 20.072 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 97 Resp: 62594
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 47.8 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

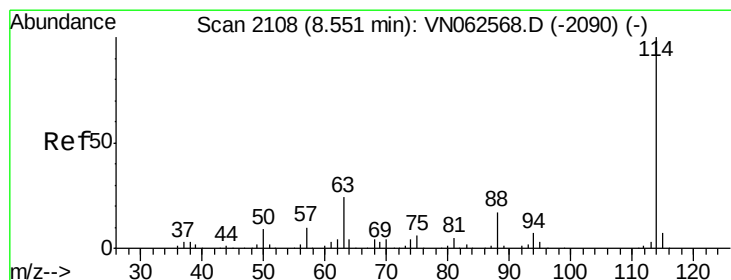
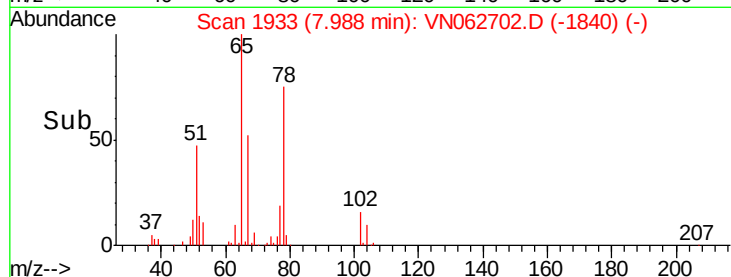
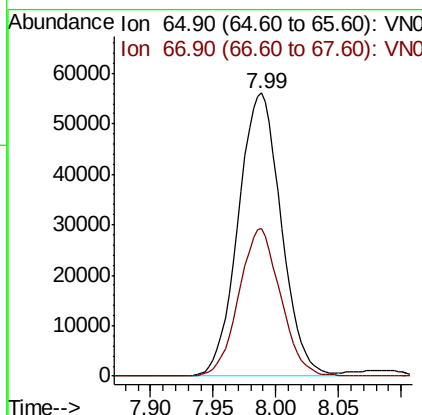
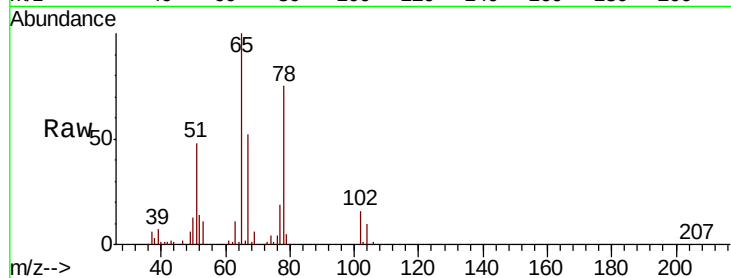




#33
 1,2-Dichloroethane-d4
 Concen: 54.321 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

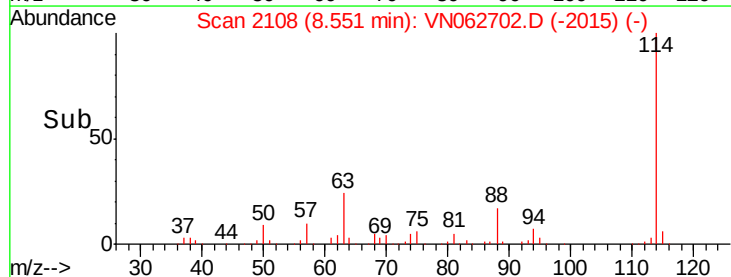
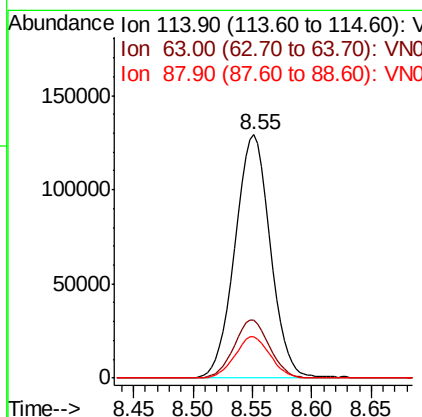
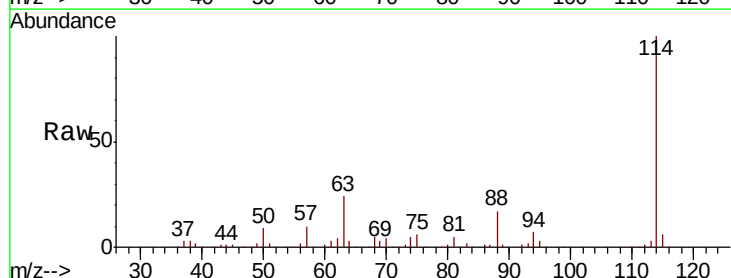
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

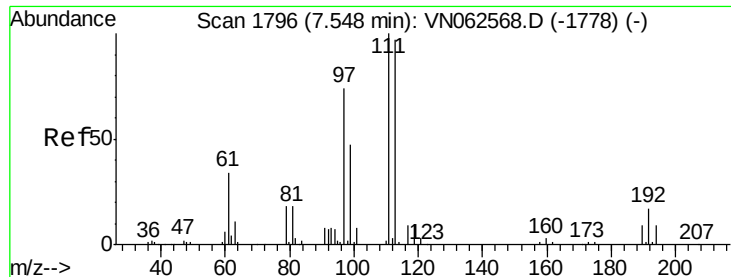
Tot Ion: 65 Resp: 133717
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 114 Resp: 266671
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 48.4
 88 16.8 0.0 33.8

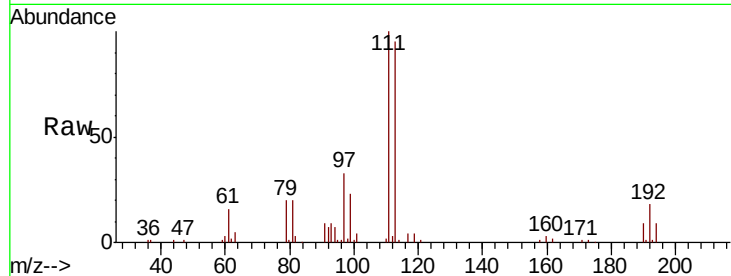




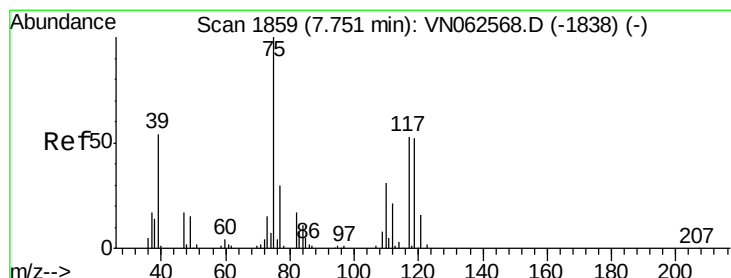
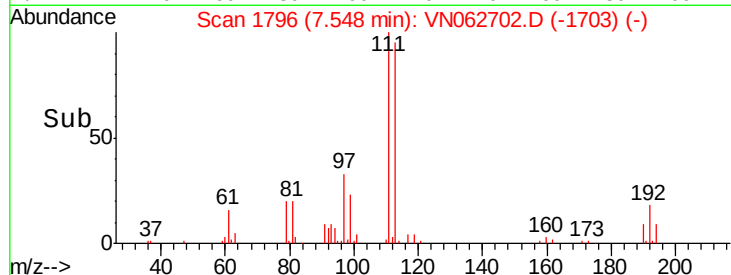
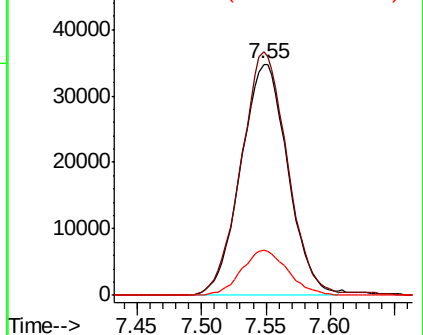
#35
 Dibromofluoromethane
 Concen: 50.452 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

Tot Ion:113 Resp: 88374
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.7 124.1
 192 19.1 14.8 22.2

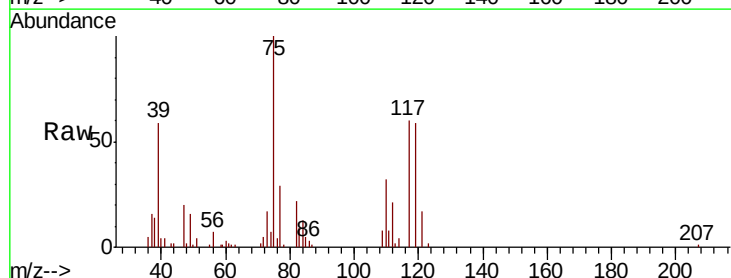


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

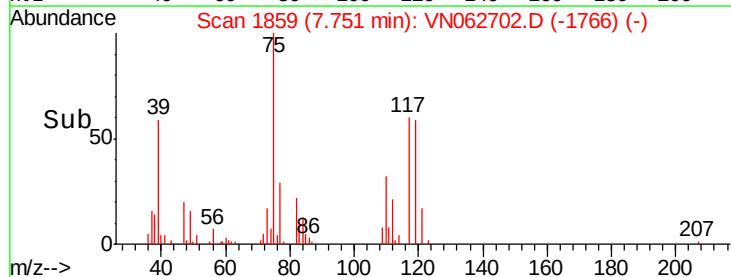
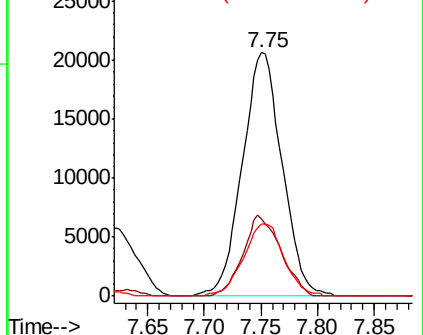


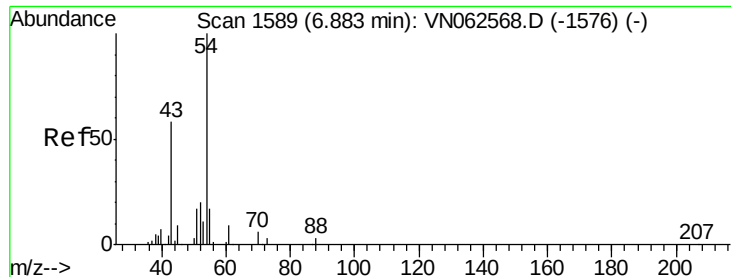
#36
 1,1-Dichloropropene
 Concen: 17.788 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 75 Resp: 50562
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.0 48.0
 77 30.1 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

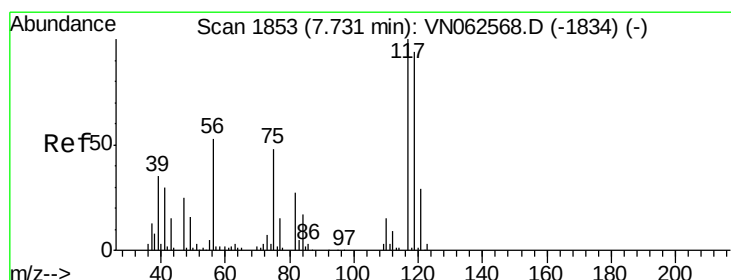
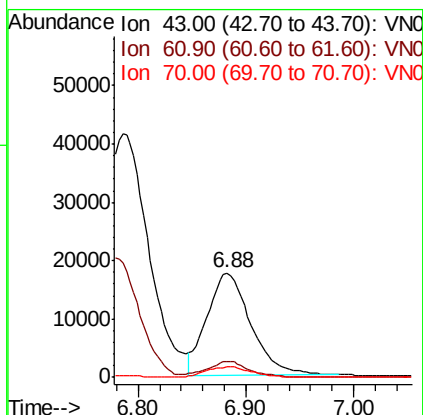
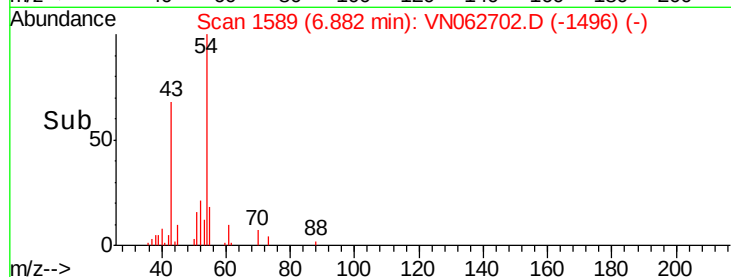
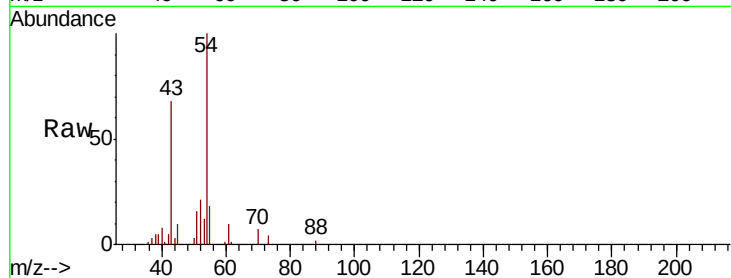




#37
 Ethyl Acetate
 Concen: 16.231 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

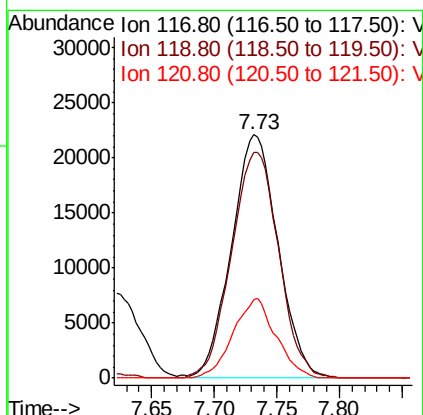
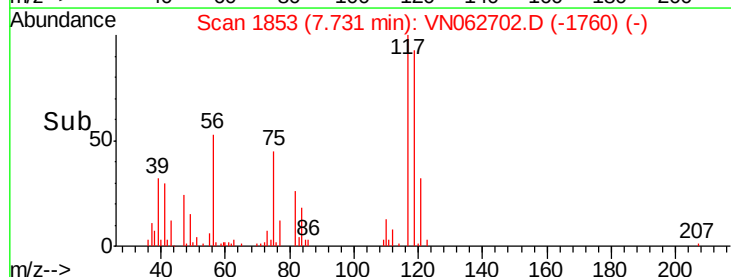
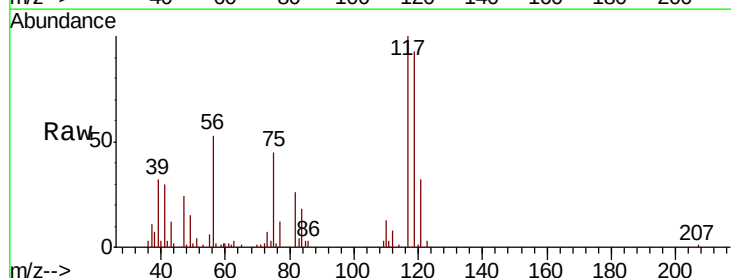
Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS02

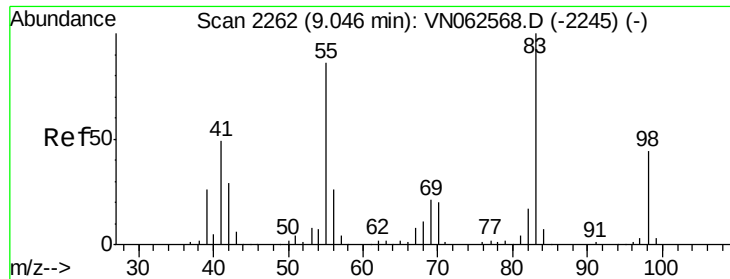
Tot Ion: 43 Resp: 49733
 Ion Ratio Lower Upper
 43 100
 61 15.1 11.3 16.9
 70 10.9 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 20.857 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 117 Resp: 56985
 Ion Ratio Lower Upper
 117 100
 119 92.7 74.8 112.2
 121 32.2 23.0 34.6

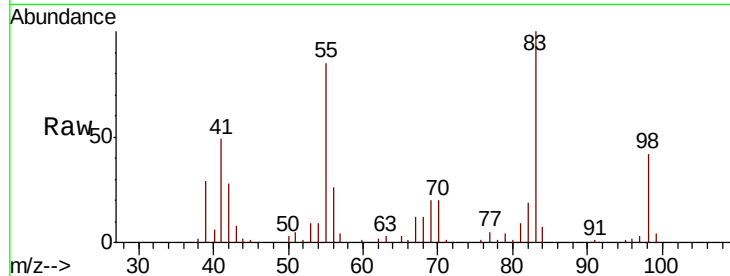




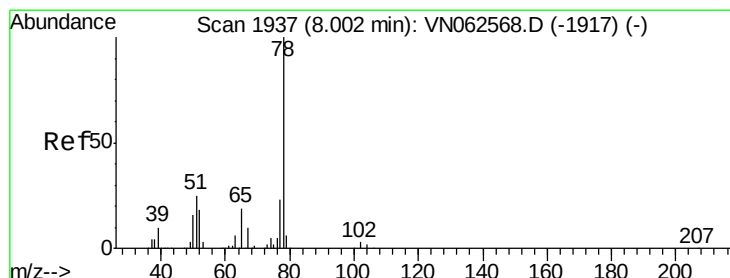
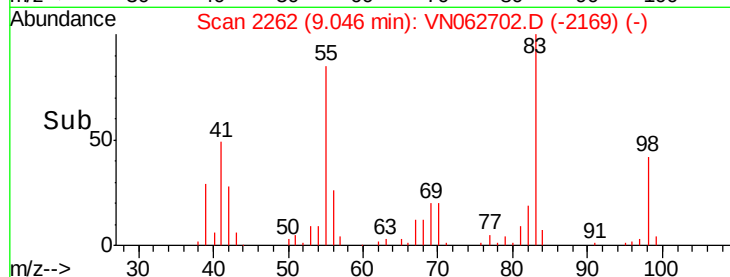
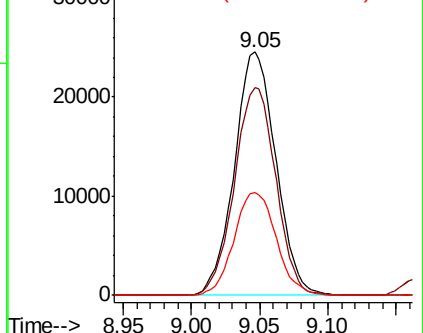
#39
Methylvlcyclohexane
Concen: 16.968 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion: 83 Resp: 51917
Ion Ratio Lower Upper
83 100
55 85.3 68.9 103.3
98 42.1 35.1 52.7

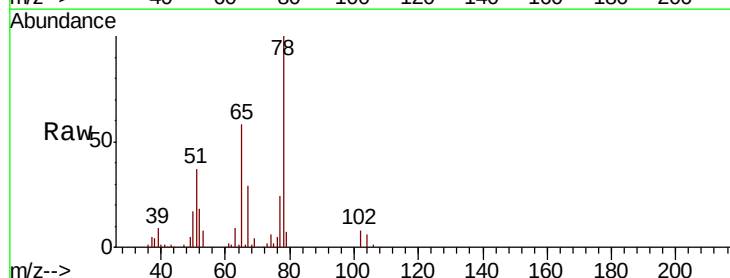


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

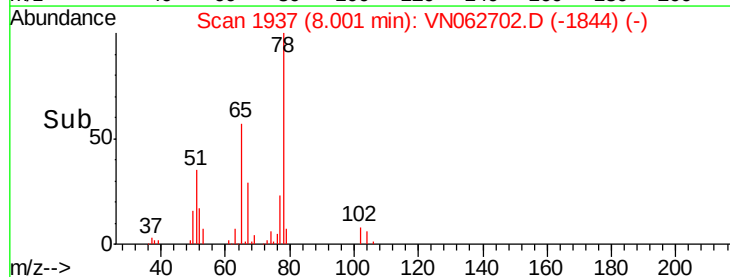
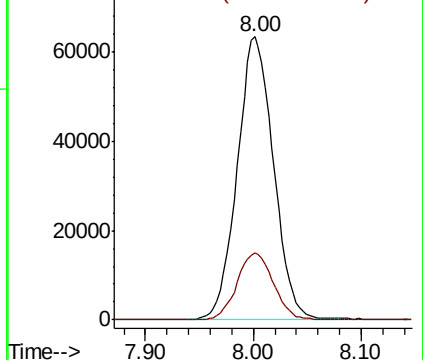


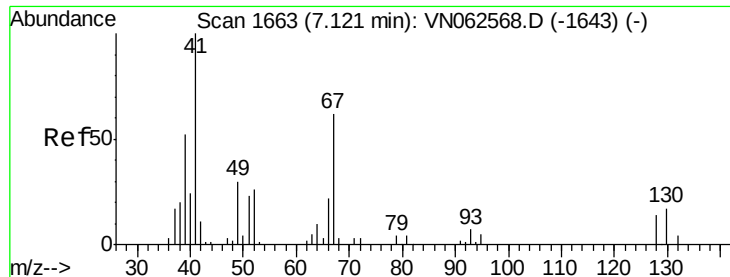
#40
Benzene
Concen: 17.237 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 78 Resp: 148332
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



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

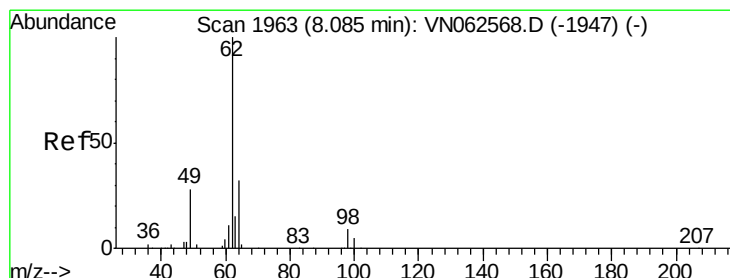
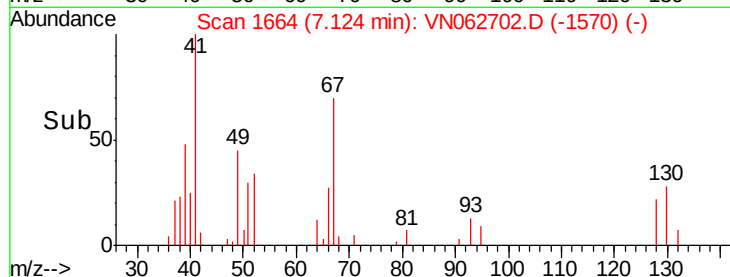
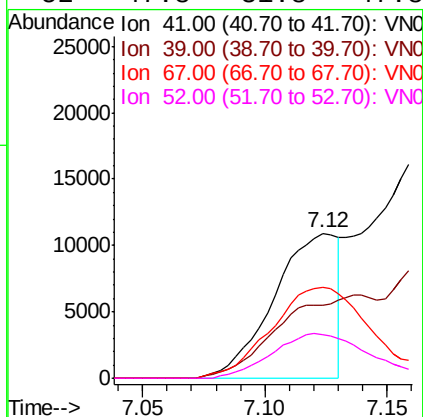
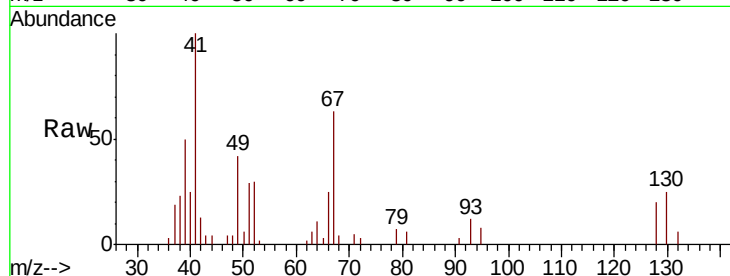




#41
Methacrylonitrile
Concen: 15.201 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

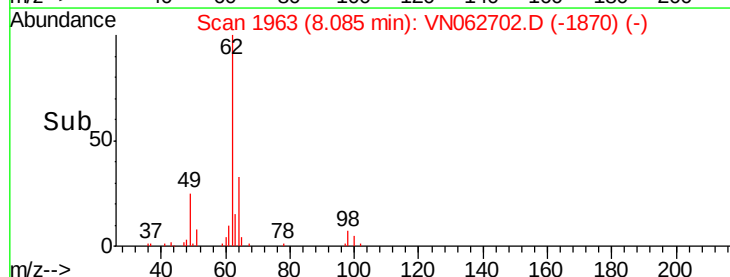
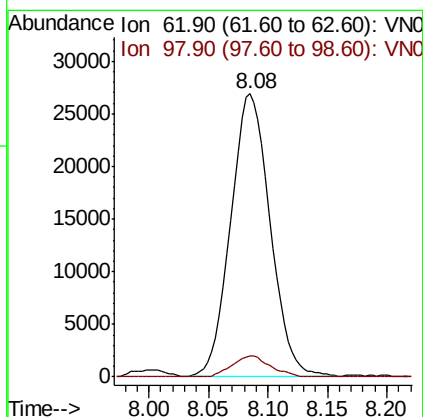
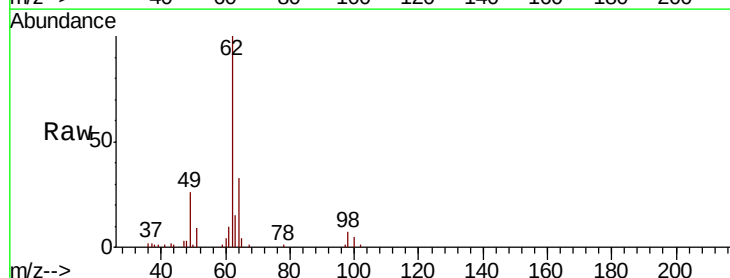
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

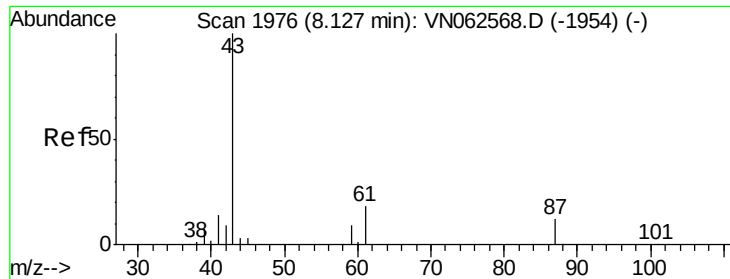
Tot Ion:	41	Resp:	19961
Ion	Ratio	Lower	Upper
41	100		
39	84.6	55.8	83.6#
67	98.6	72.5	108.7
52	47.8	31.8	47.8#



#42
1,2-Dichloroethane
Concen: 19.701 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion:	62	Resp:	61981
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	16.2





#43

Isopropyl Acetate

Concen: 17.100 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

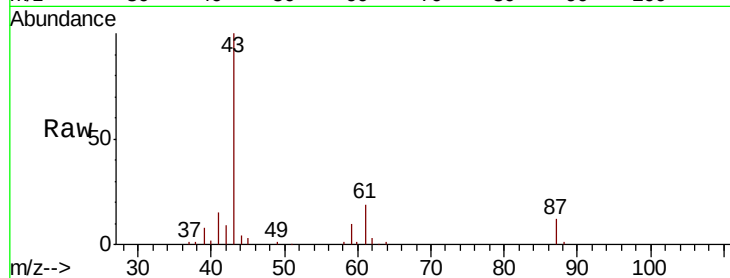
Tot Ion: 43 Resp: 84462

Ion Ratio Lower Upper

43 100

61 20.2 20.8 31.2#

87 12.3 9.2 13.8

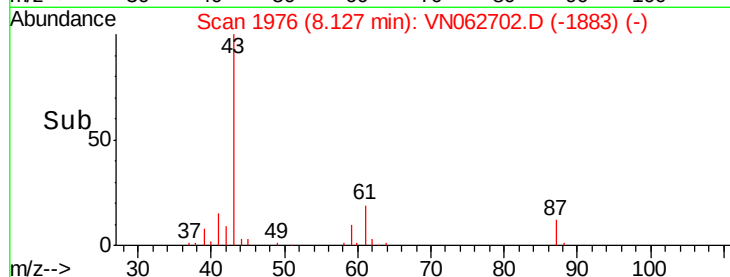


Abundance Ion 43.00 (42.70 to 43.70): VN062702.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062702.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062702.D (-1954) (-)

Time-->



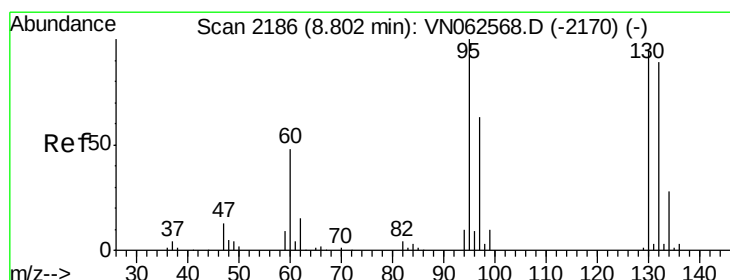
Abundance

Ion 43.00 (42.70 to 43.70): VN062702.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062702.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062702.D (-1883) (-)

Time-->



#44

Trichloroethene

Concen: 18.004 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062702.D

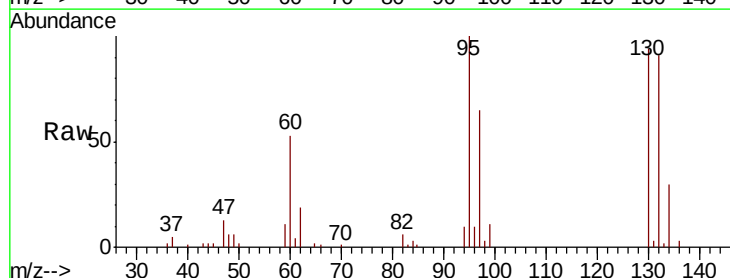
Acq: 31 Jul 2020 22:45

Tgt Ion:130 Resp: 34939

Ion Ratio Lower Upper

130 100

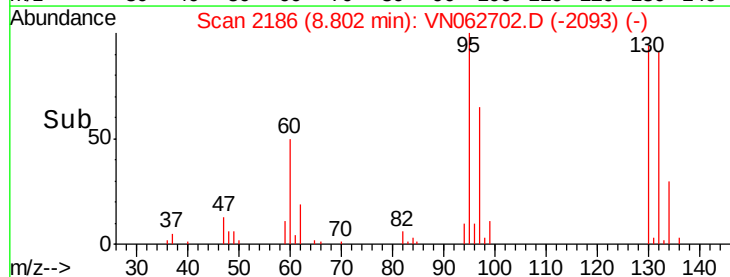
95 106.2 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062702.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062702.D (-2170) (-)

Time-->

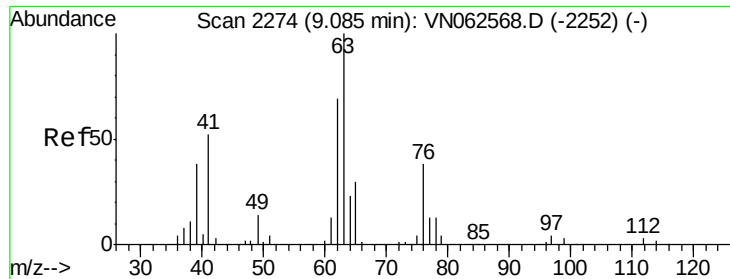


Abundance

Ion 129.80 (129.50 to 130.50): VN062702.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062702.D (-2093) (-)

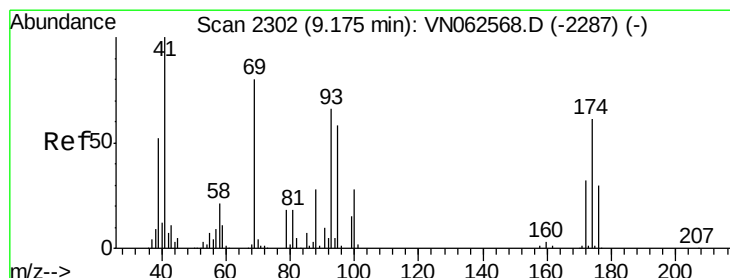
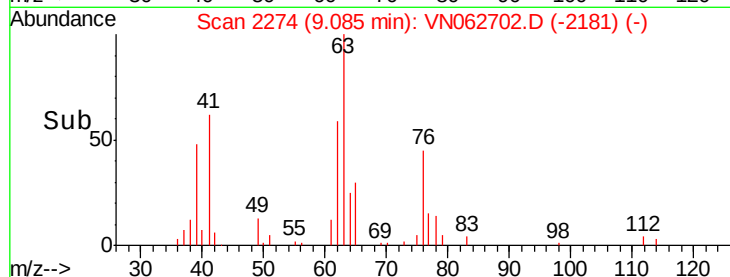
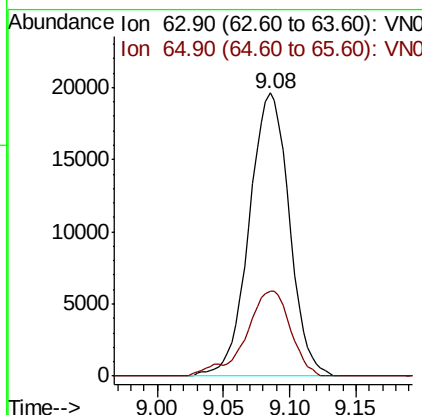
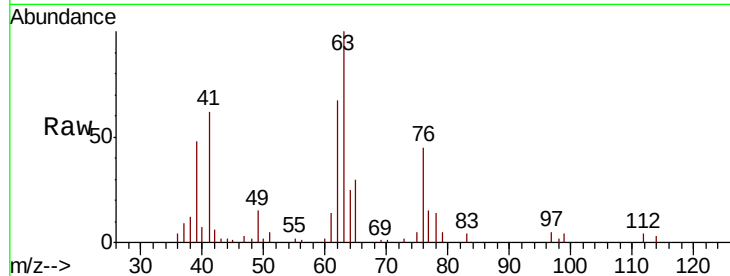
Time-->



#45
 1,2-Dichloropropane
 Concen: 17.123 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

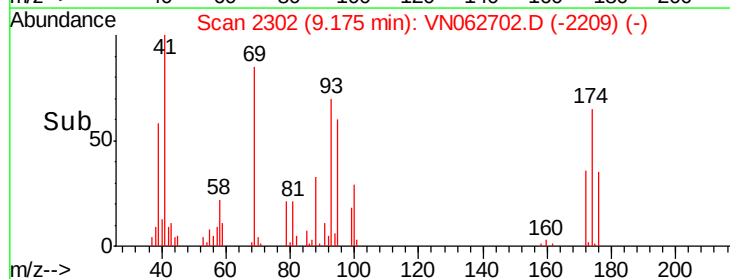
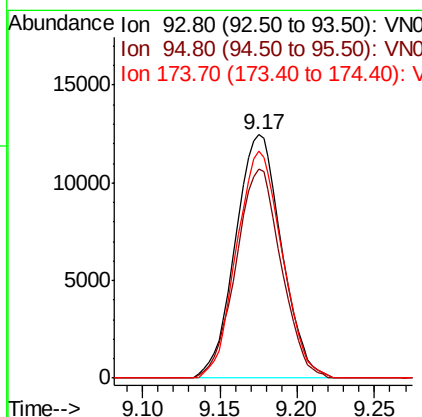
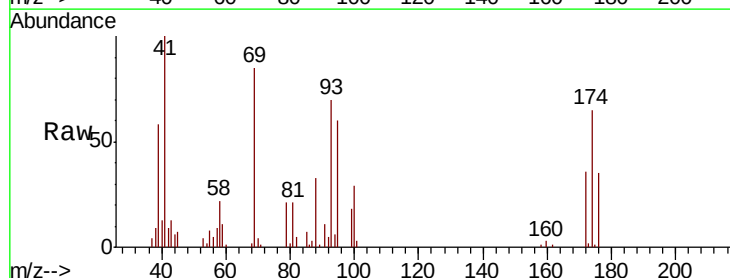
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

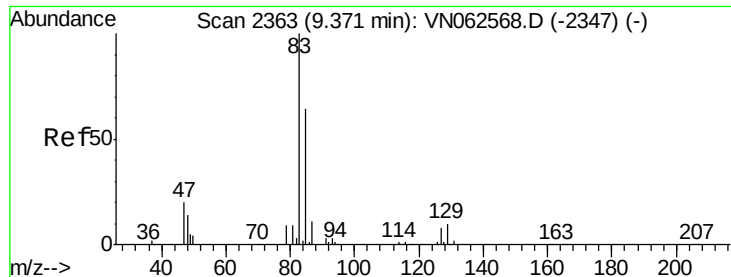
Tot Ion: 63 Resp: 41372
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.4 36.6



#46
 Dibromomethane
 Concen: 18.543 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 93 Resp: 25894
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.6 101.4
 174 91.7 72.5 108.7





#47

Bromodichloromethane

Concen: 19.472 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

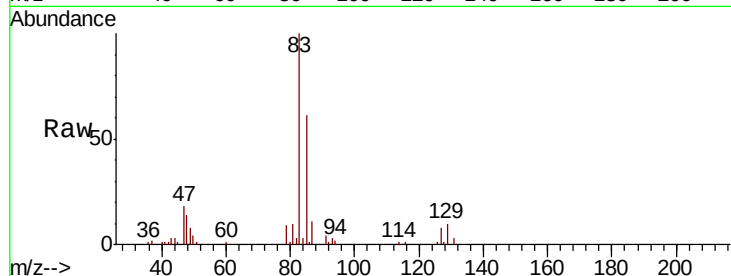
Tot Ion: 83 Resp: 58911

Ion Ratio Lower Upper

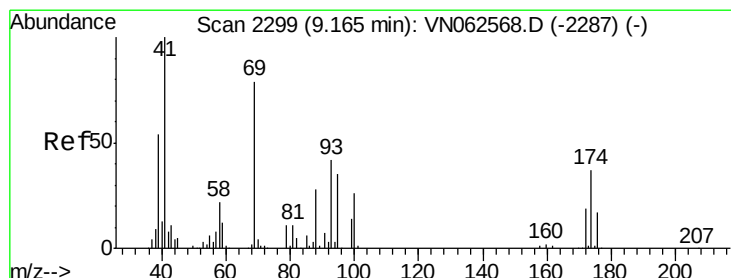
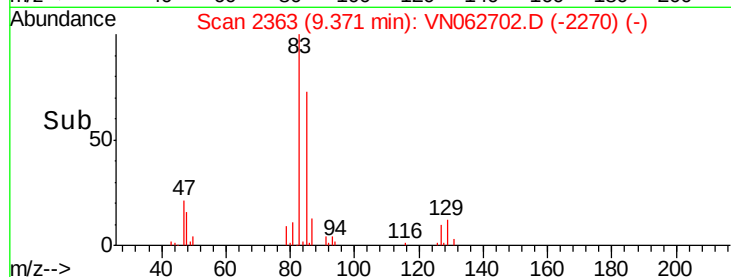
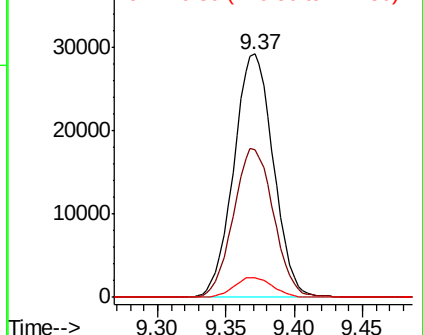
83 100

85 60.7 51.6 77.4

127 7.9 6.2 9.2



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



#48

Methyl methacrylate

Concen: 17.385 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

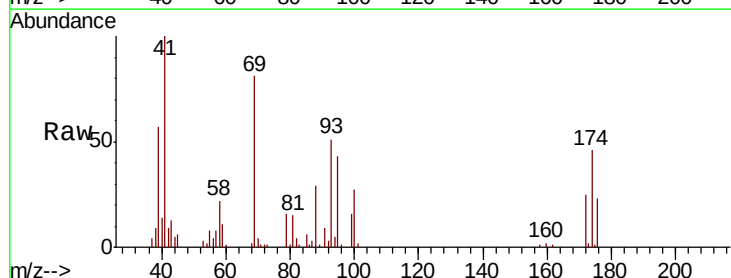
Tgt Ion: 41 Resp: 40820

Ion Ratio Lower Upper

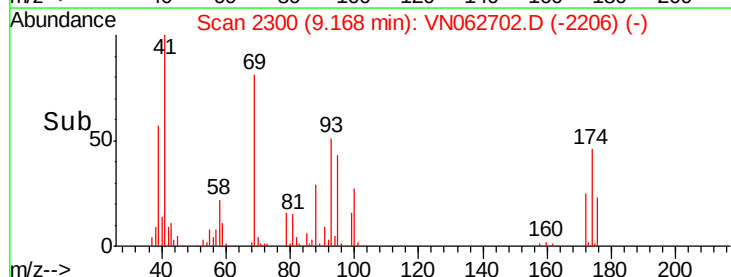
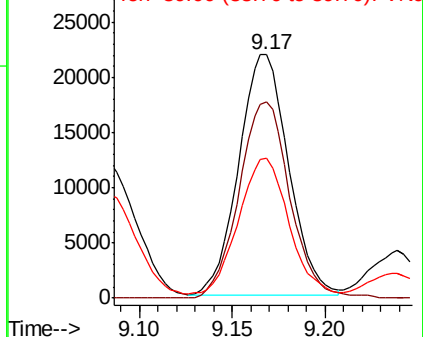
41 100

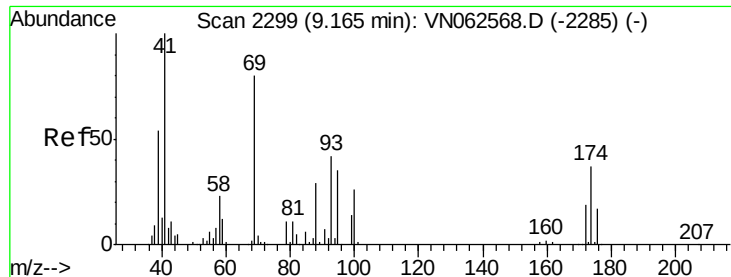
69 83.7 64.4 96.6

39 60.5 43.5 65.3



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

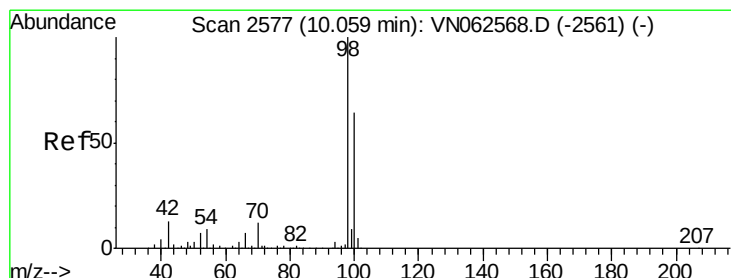
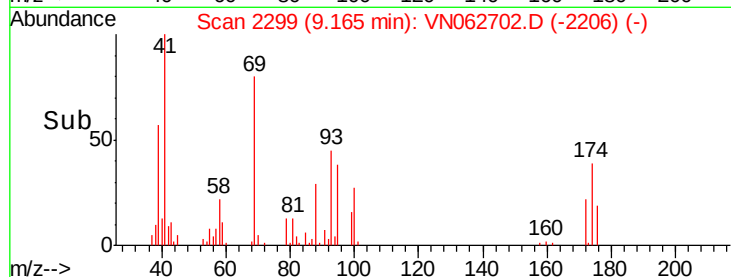
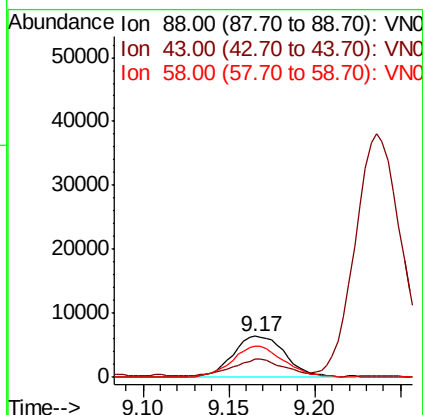
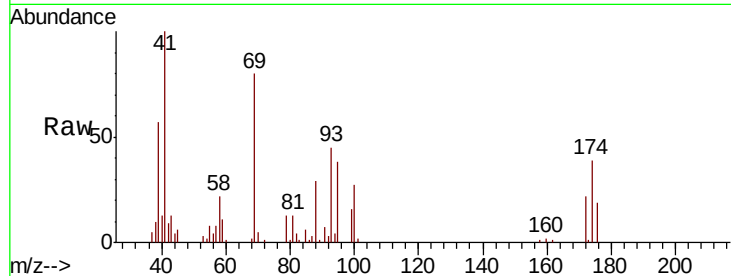




#49
1,4-Dioxane
Concen: 378.868 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

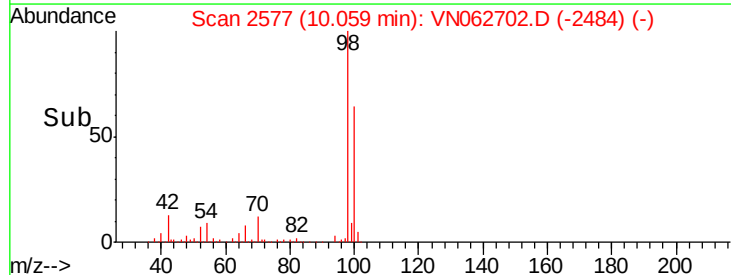
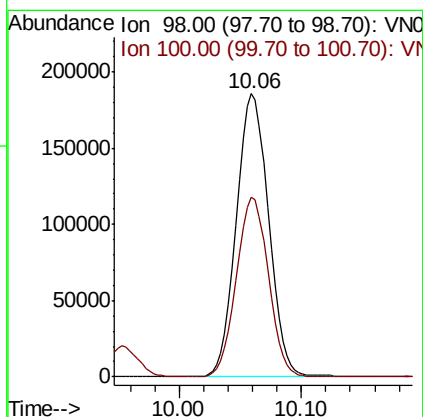
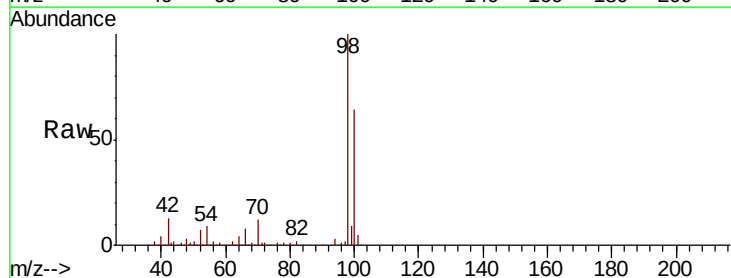
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

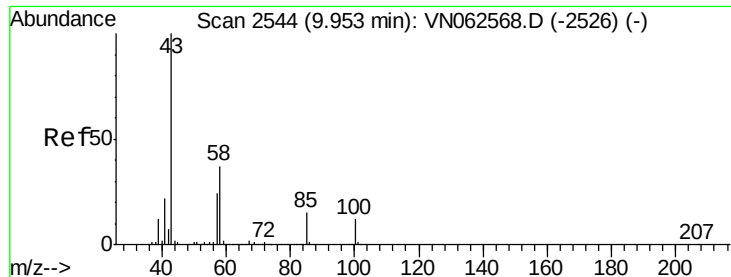
Tot Ion: 88 Resp: 13663
Ion Ratio Lower Upper
88 100
43 35.8 32.0 48.0
58 74.1 62.8 94.2



#50
Toluene-d8
Concen: 48.704 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 98 Resp: 340387
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

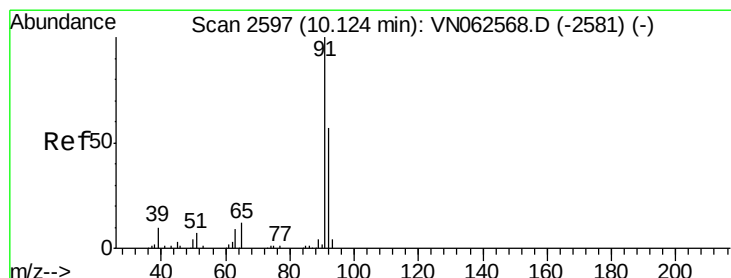
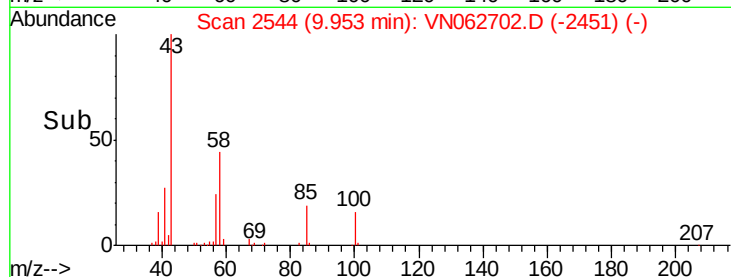
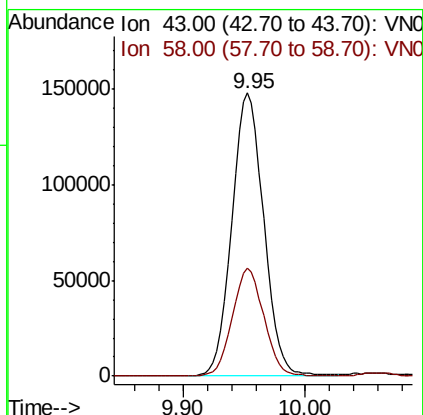
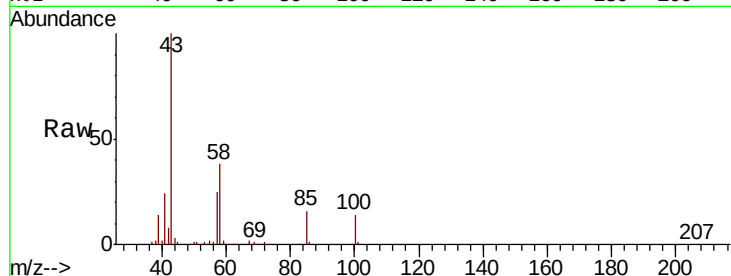




#51
 4-Methyl-2-Pentanone
 Concen: 90.265 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

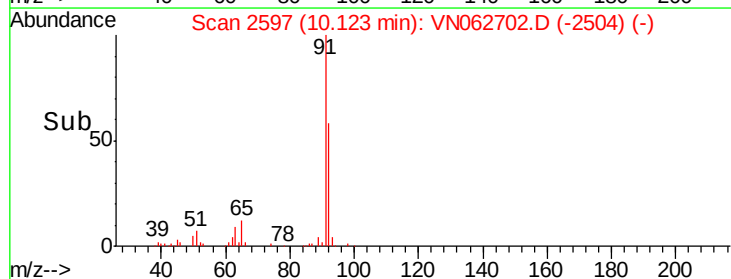
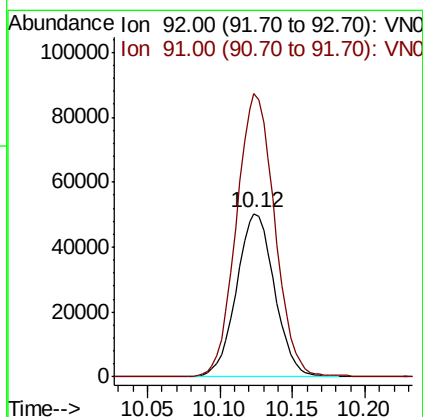
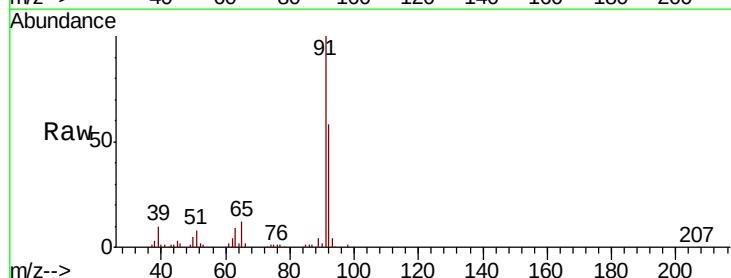
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

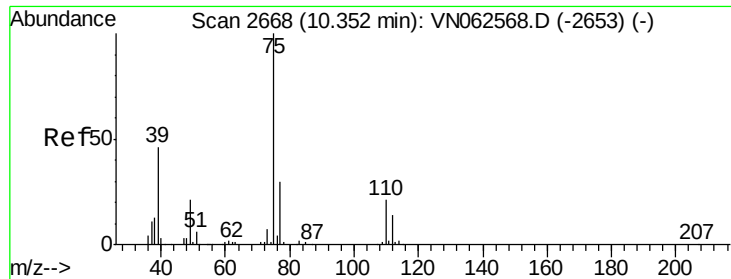
Tot Ion: 43 Resp: 266771
 Ion Ratio Lower Upper
 43 100
 58 37.9 29.8 44.6



#52
 Toluene
 Concen: 18.308 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 92 Resp: 91482
 Ion Ratio Lower Upper
 92 100
 91 175.6 139.4 209.2

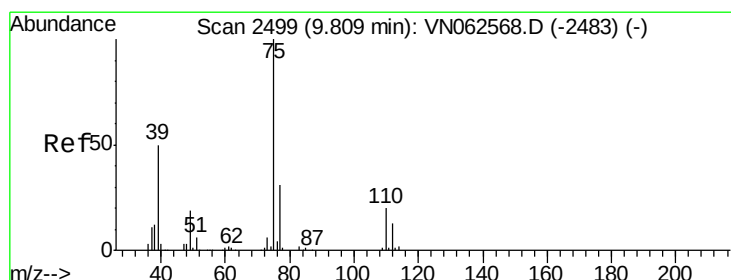
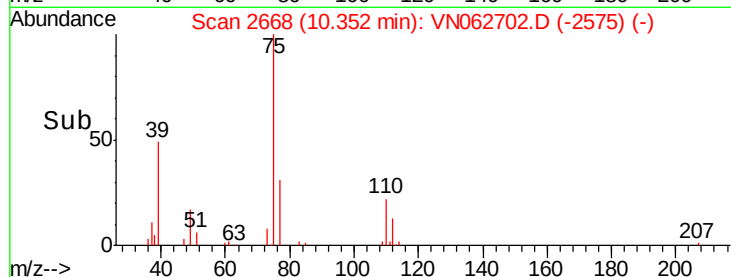
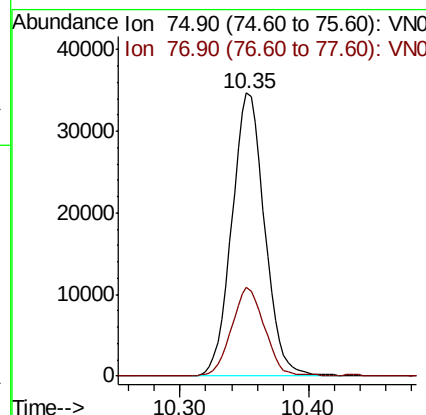
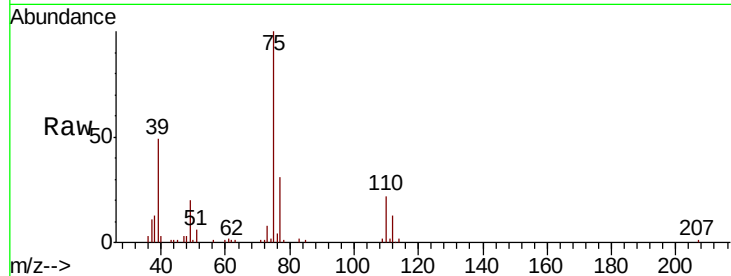




#53
t-1,3-Dichloropropene
Concen: 18.161 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

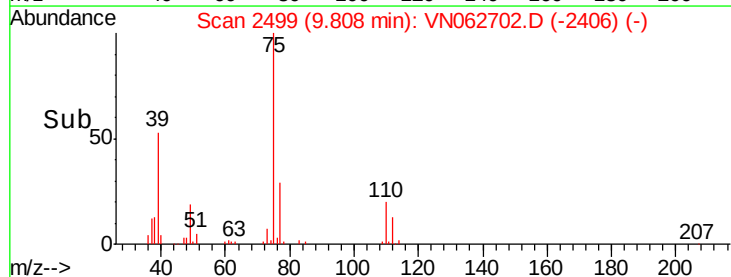
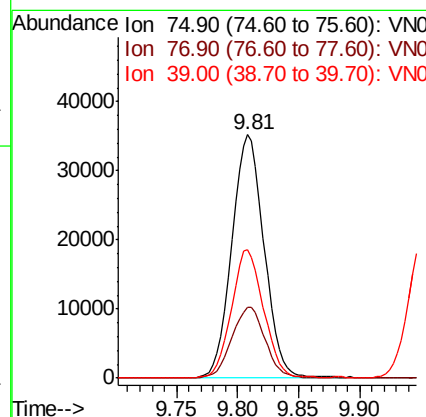
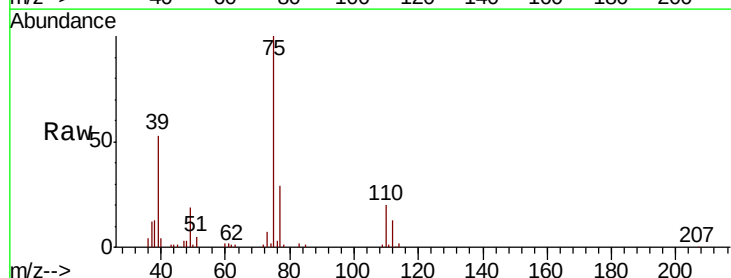
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

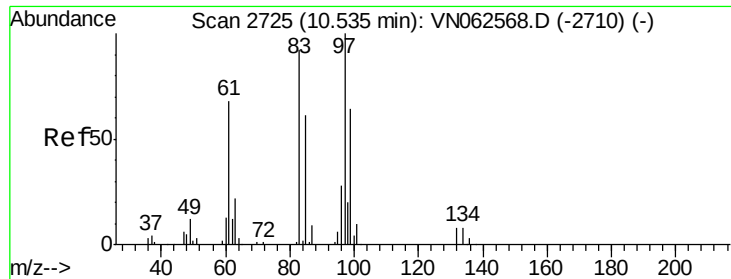
Tot Ion: 75 Resp: 61165
Ion Ratio Lower Upper
75 100
77 31.4 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 17.969 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 75 Resp: 64936
Ion Ratio Lower Upper
75 100
77 28.9 25.0 37.6
39 52.9 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 18.974 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

Tot Ion: 97 Resp: 36776

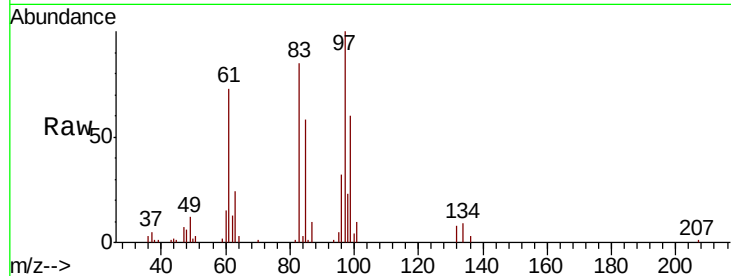
Ion Ratio Lower Upper

97 100

83 85.2 73.7 110.5

85 58.5 48.5 72.7

99 60.0 50.8 76.2

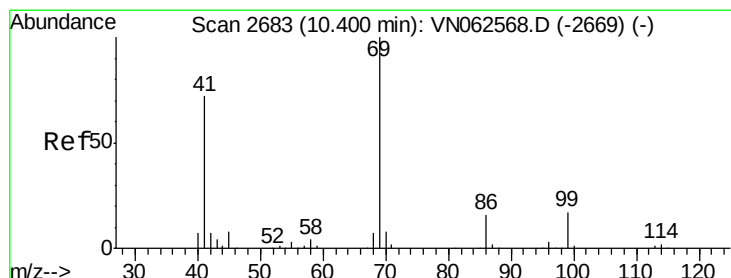
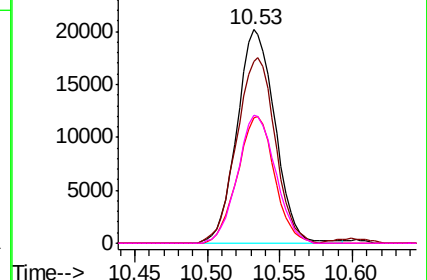
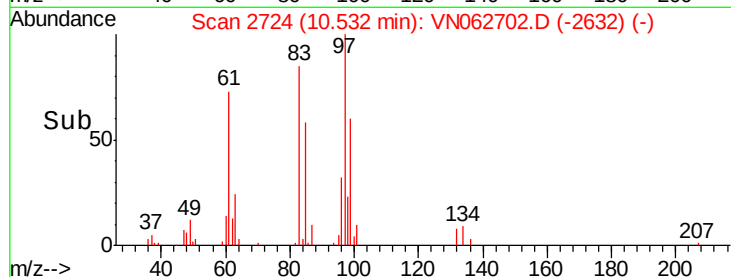


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 17.144 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

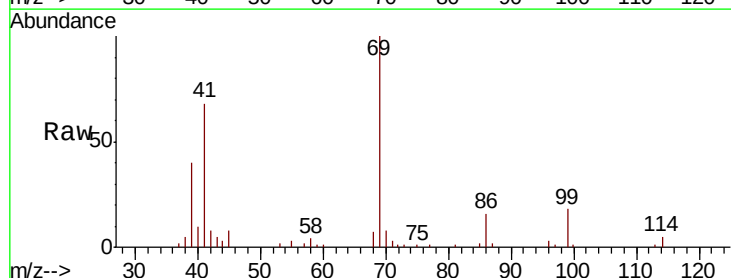
Tgt Ion: 69 Resp: 55474

Ion Ratio Lower Upper

69 100

41 70.4 57.2 85.8

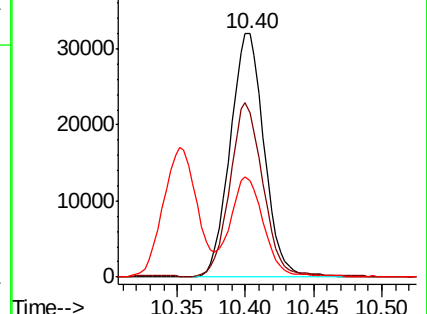
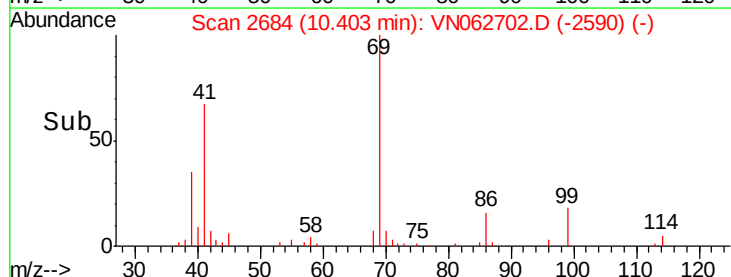
39 39.2 28.6 43.0

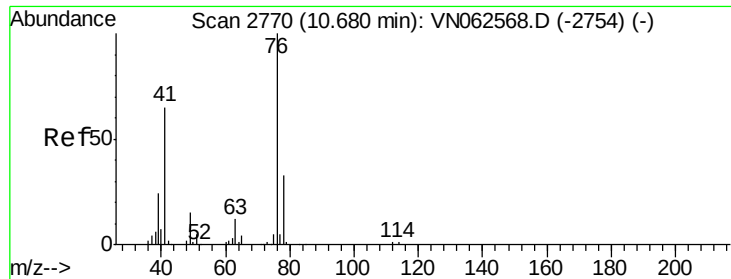


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 17.906 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

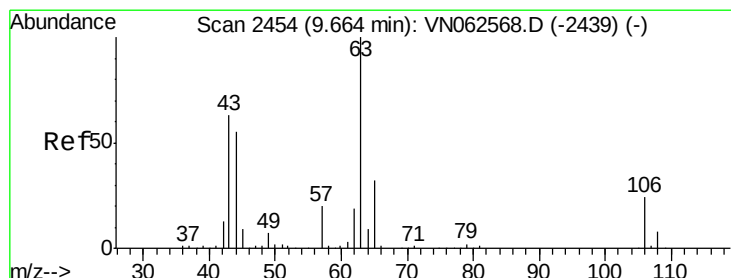
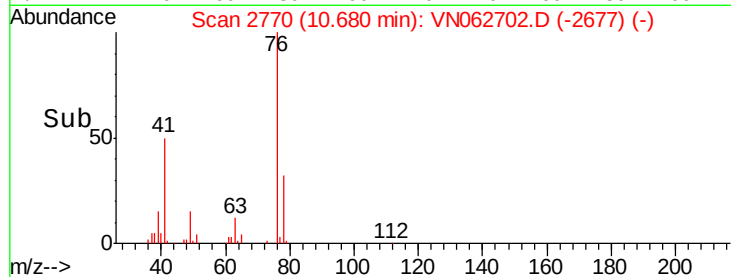
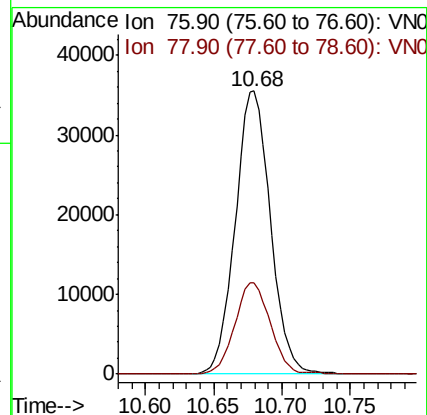
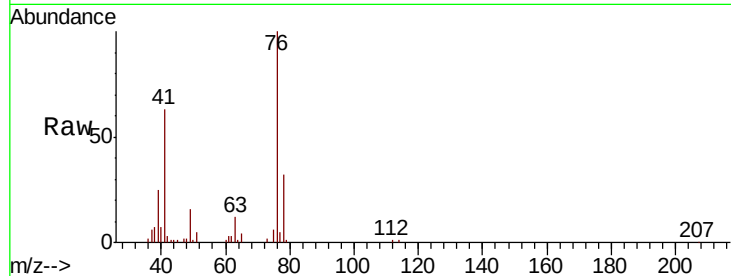
VN0731WBS02

Tot Ion: 76 Resp: 63582

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 88.484 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062702.D

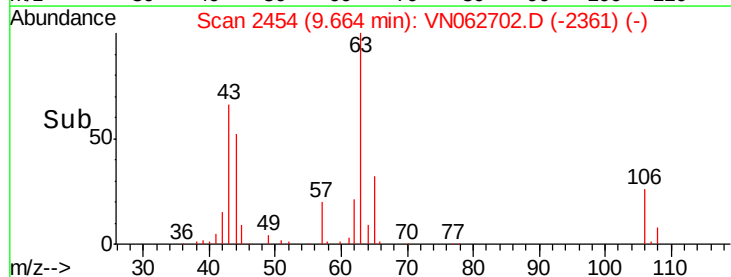
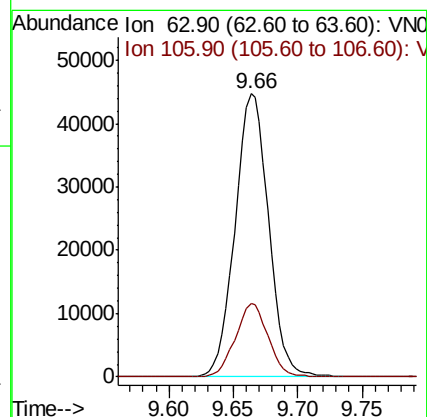
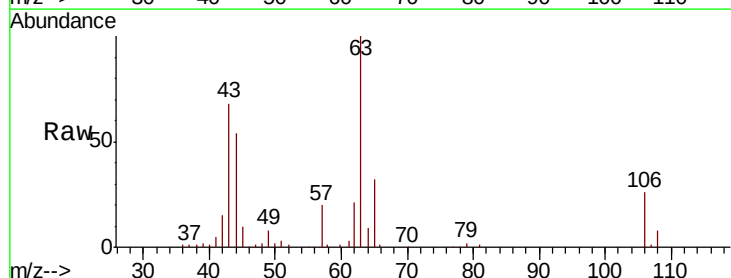
Acq: 31 Jul 2020 22:45

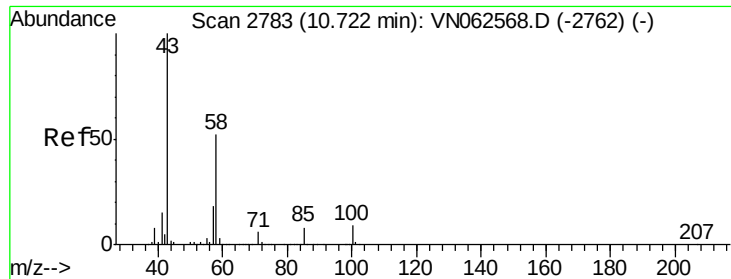
Tgt Ion: 63 Resp: 80691

Ion Ratio Lower Upper

63 100

106 25.1 18.9 28.3

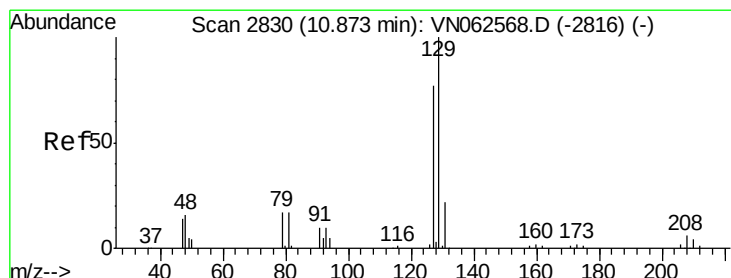
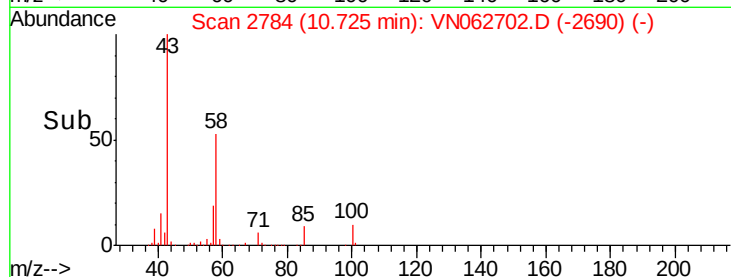
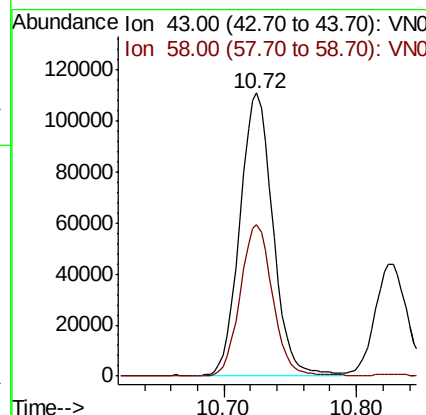
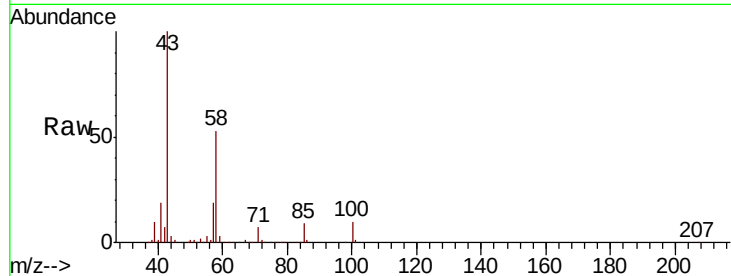




#59
2-Hexanone
Concen: 85.297 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

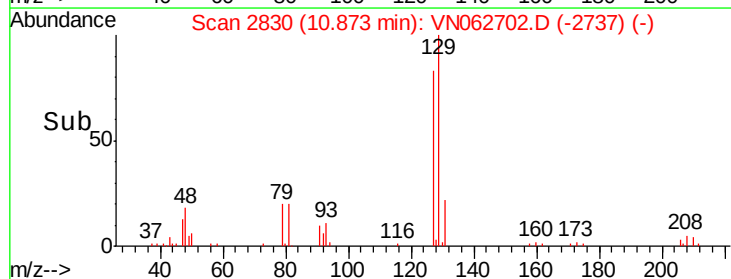
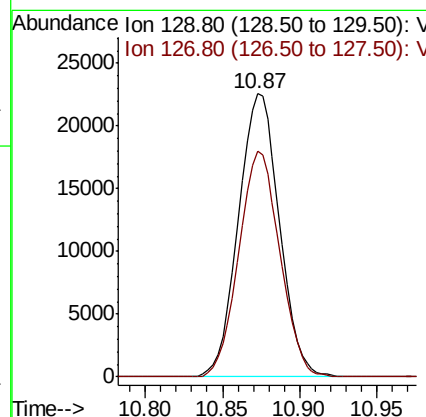
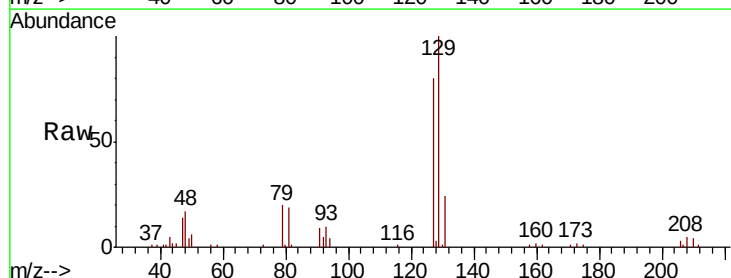
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

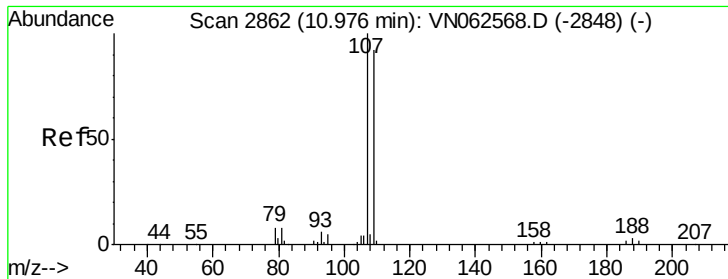
Tot Ion: 43 Resp: 190449
Ion Ratio Lower Upper
43 100
58 53.0 26.0 78.0



#60
Dibromochloromethane
Concen: 19.160 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 129 Resp: 41428
Ion Ratio Lower Upper
129 100
127 79.9 38.0 113.9

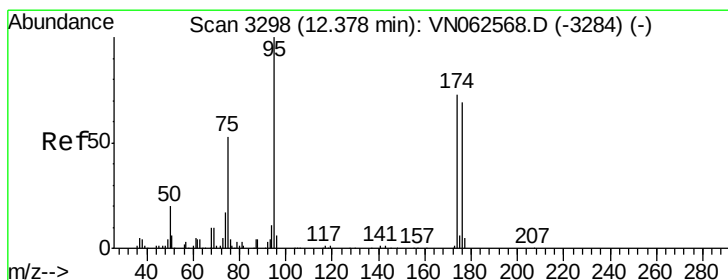
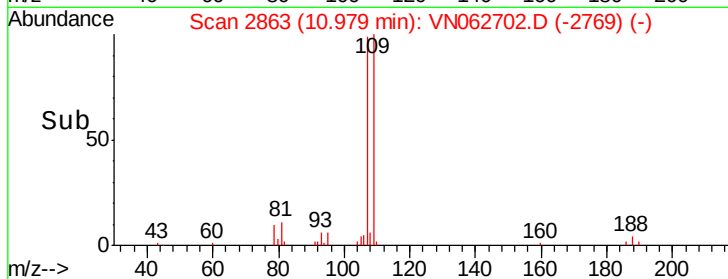
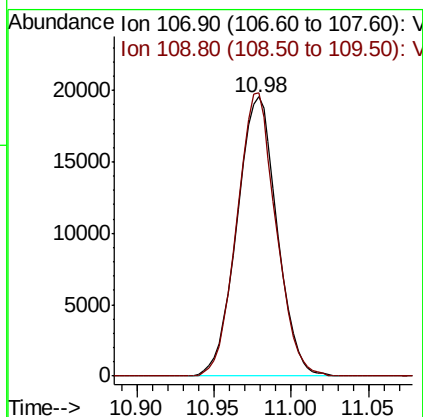
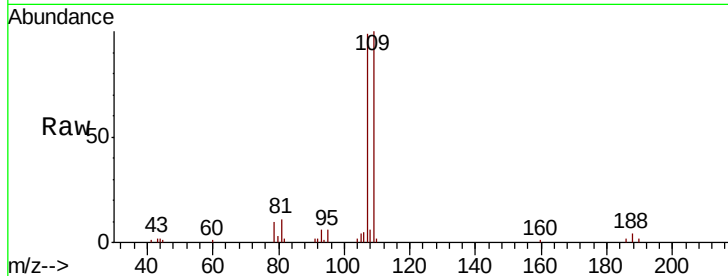




#61
 1,2-Dibromoethane
 Concen: 17.458 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

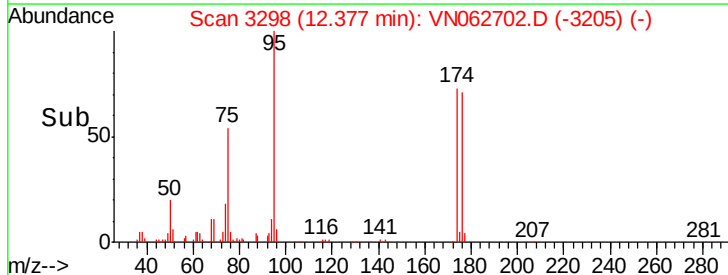
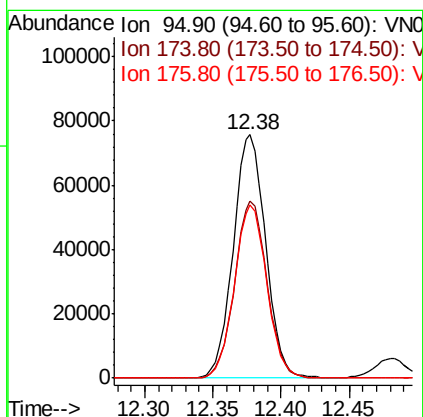
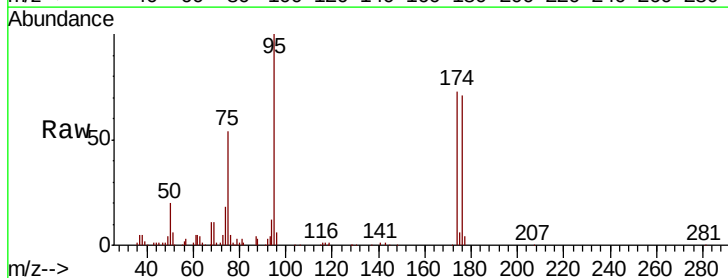
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

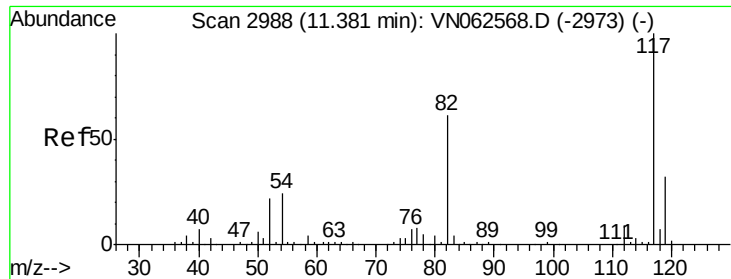
Tot Ion:107 Resp: 35235
 Ion Ratio Lower Upper
 107 100
 109 98.7 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 48.859 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 95 Resp: 124858
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 144.6
 176 71.0 0.0 139.4

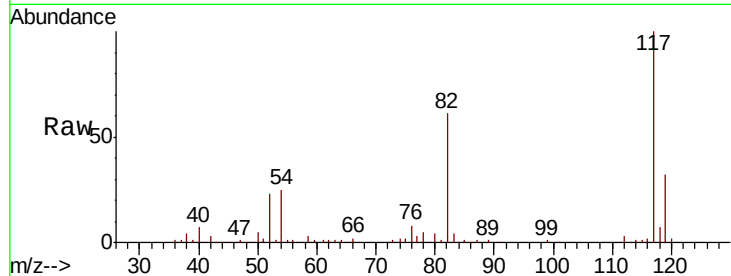




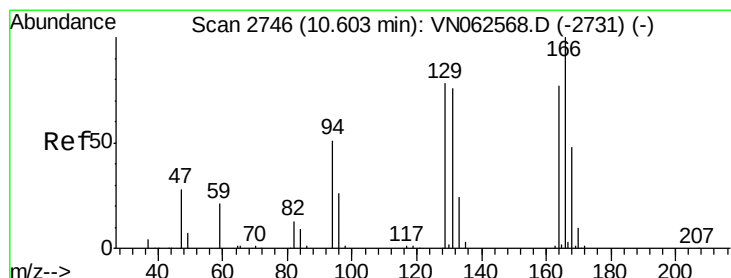
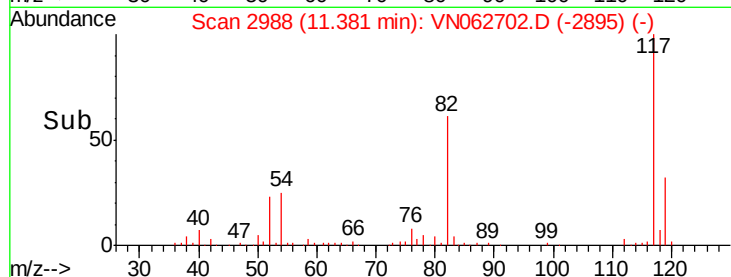
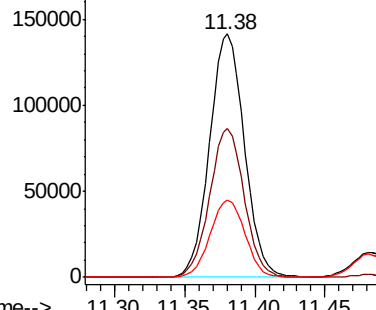
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

Tot Ion:117 Resp: 245385
Ion Ratio Lower Upper
117 100
82 60.9 49.0 73.6
119 31.6 25.4 38.2

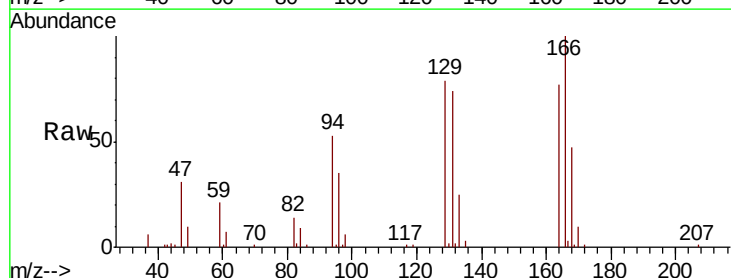


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

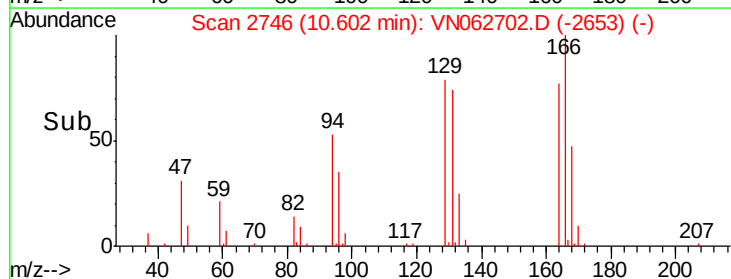
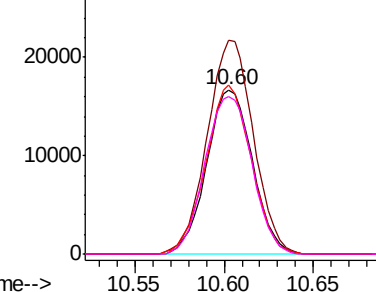


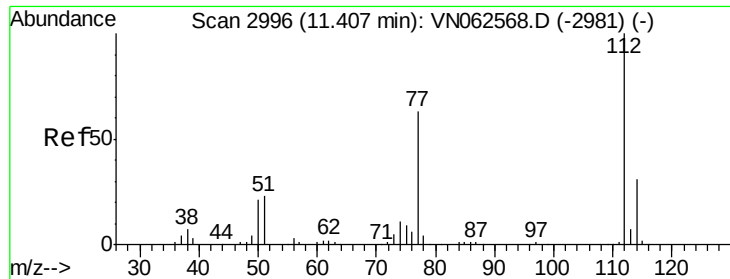
#64
Tetrachloroethene
Concen: 18.770 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion:164 Resp: 29925
Ion Ratio Lower Upper
164 100
166 130.0 104.4 156.6
129 103.2 81.0 121.4
131 96.2 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

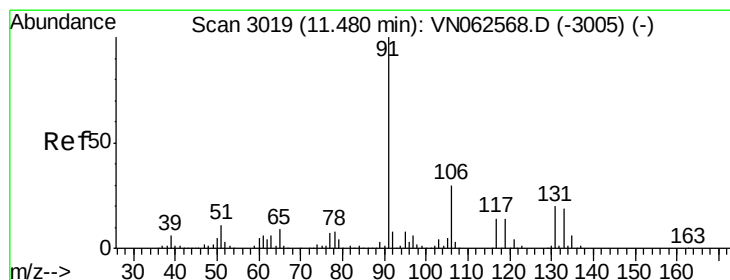
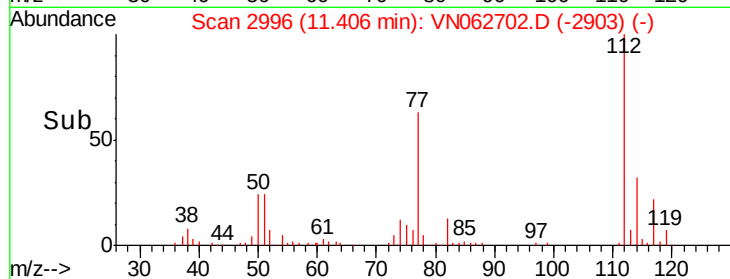
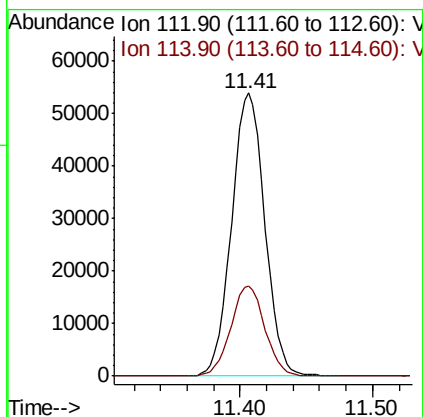
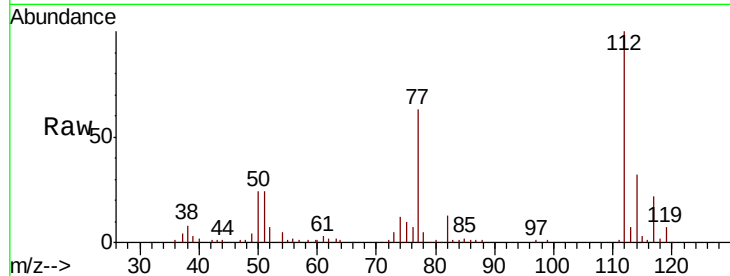




#65
Chlorobenzene
Concen: 18.205 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

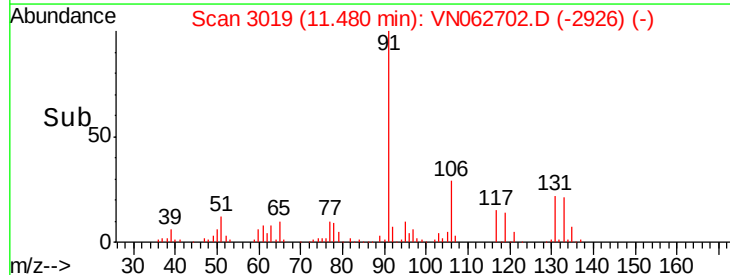
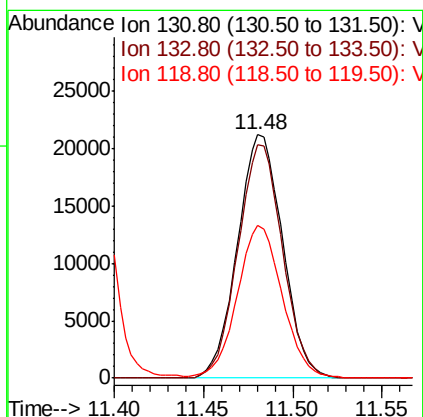
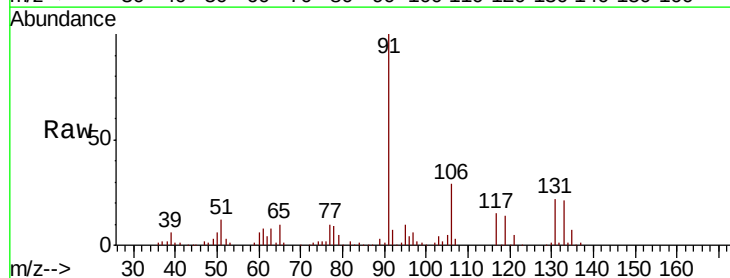
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

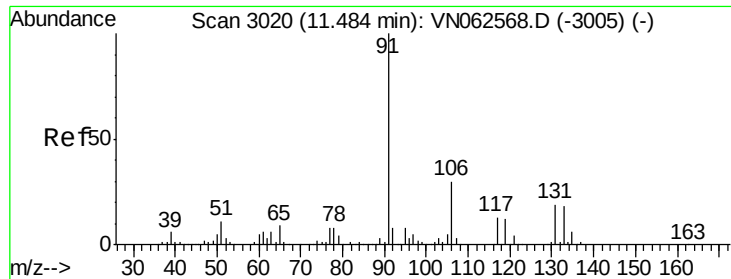
Tot Ion:112 Resp: 93653
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.335 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion:131 Resp: 37419
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 63.0 33.7 101.0

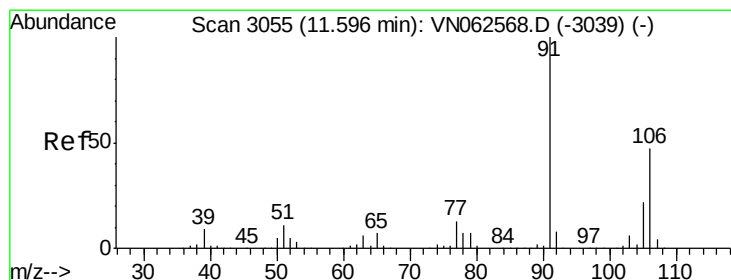
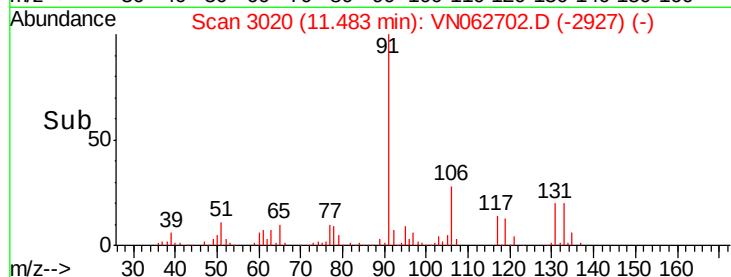
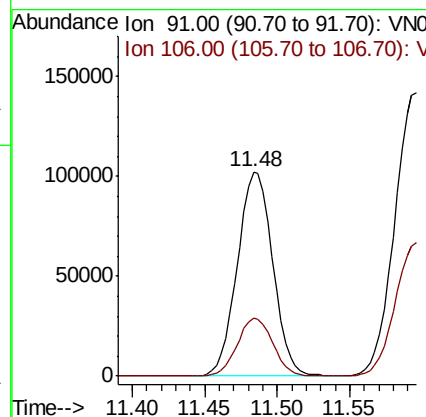
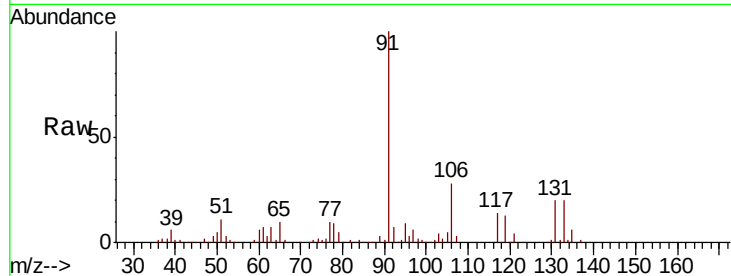




#67
Ethyl Benzene
Concen: 18.469 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

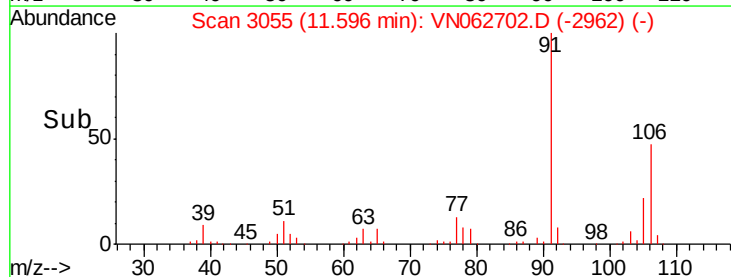
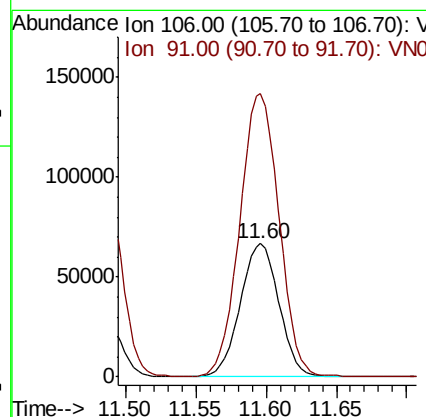
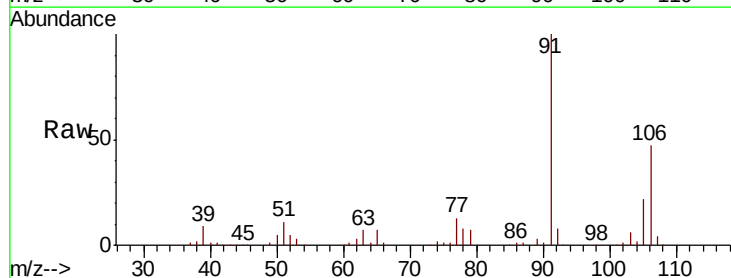
Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

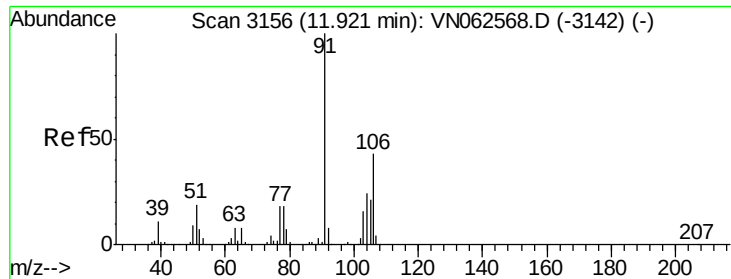
Tot Ion: 91 Resp: 174202
Ion Ratio Lower Upper
91 100
106 28.3 23.8 35.8



#68
m/p-Xylenes
Concen: 37.854 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion: 106 Resp: 128334
Ion Ratio Lower Upper
106 100
91 214.7 171.4 257.2

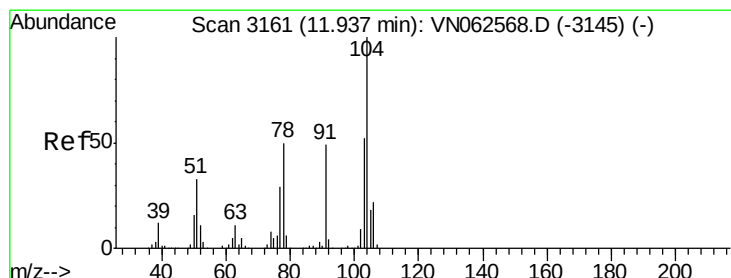
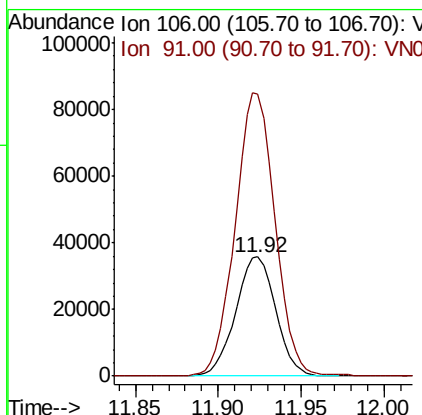
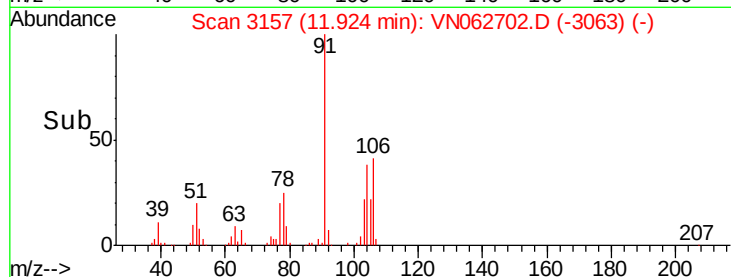
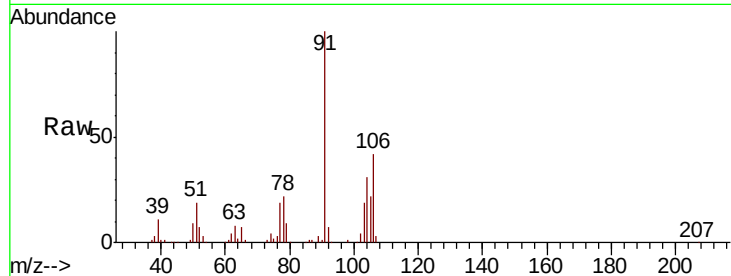




#69
o-Xylene
Concen: 18.712 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

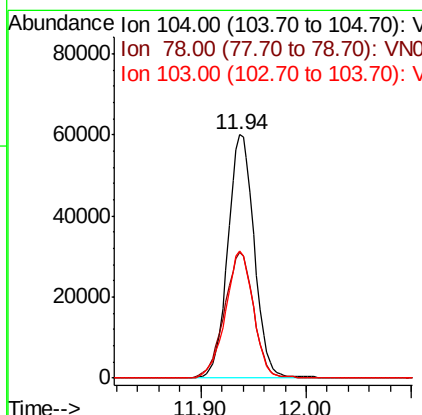
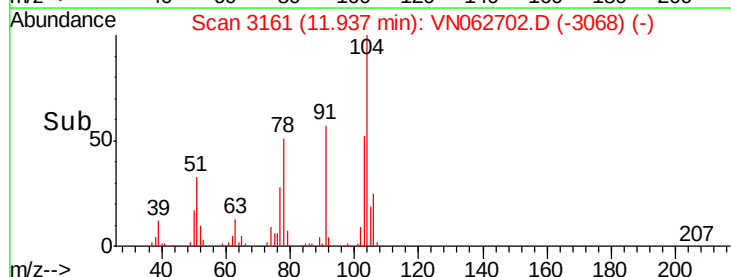
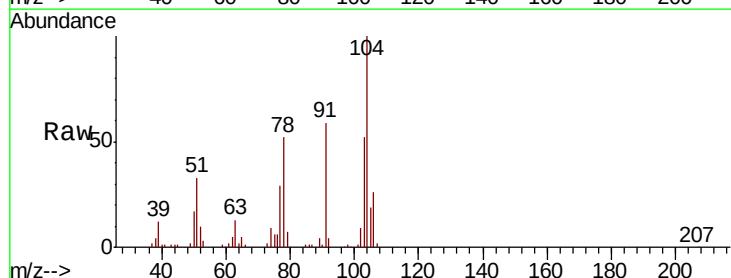
Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

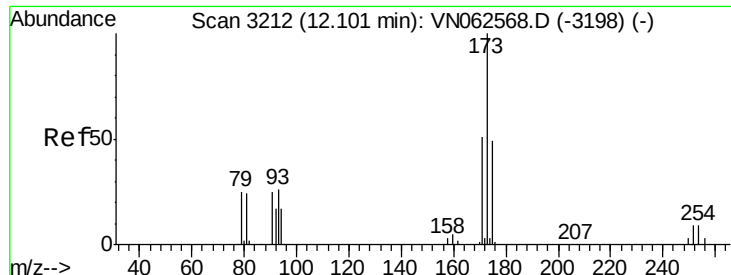
Tot Ion:106 Resp: 60240
Ion Ratio Lower Upper
106 100
91 236.0 113.8 341.2



#70
Styrene
Concen: 19.119 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion:104 Resp: 103972
Ion Ratio Lower Upper
104 100
78 57.2 43.8 65.6
103 54.9 44.0 66.0

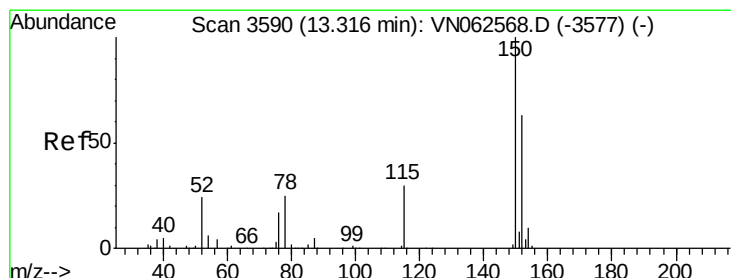
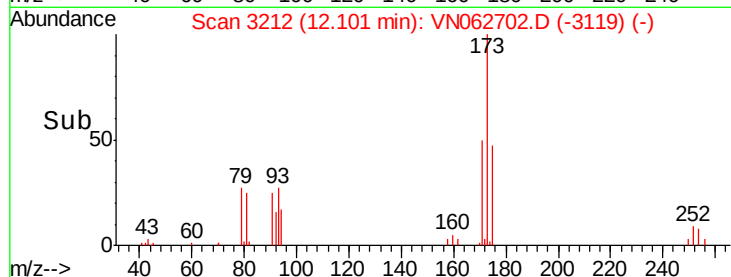
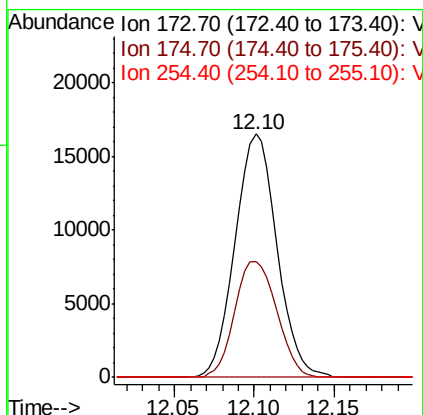
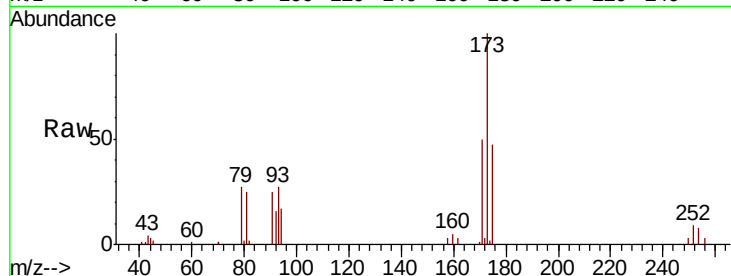




#71
Bromoform
Concen: 20.267 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

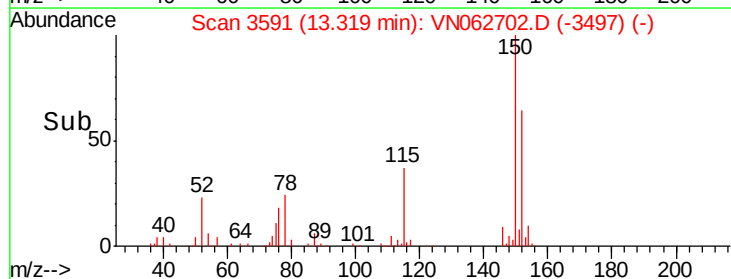
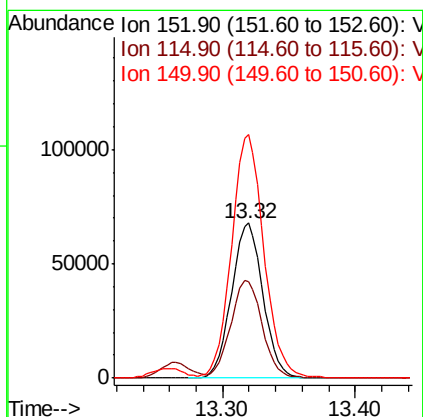
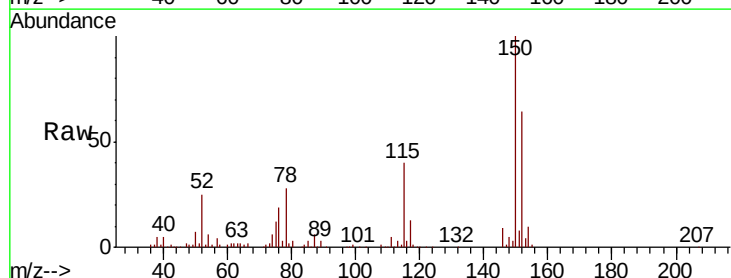
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

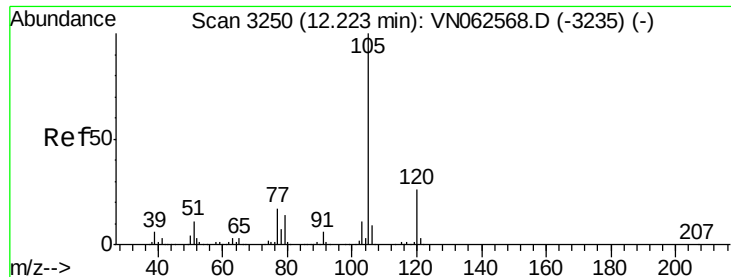
Tot Ion:173 Resp: 29450
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion:152 Resp: 111606
Ion Ratio Lower Upper
152 100
115 63.6 31.8 95.4
150 161.3 0.0 351.4





#73

Isopropylbenzene

Concen: 19.063 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

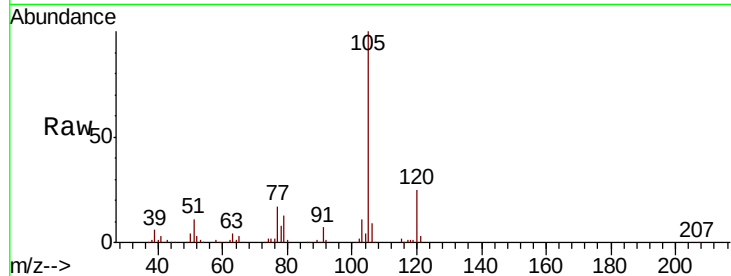
VN0731WBS02

Tot Ion:105 Resp: 168223

Ion Ratio Lower Upper

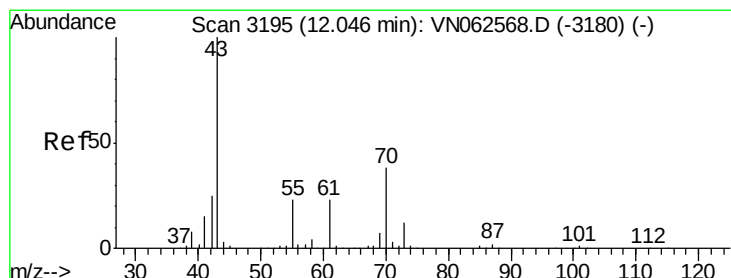
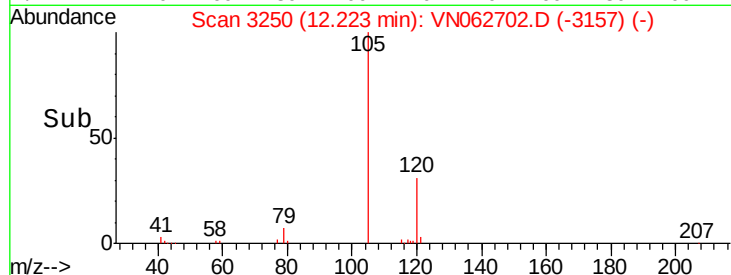
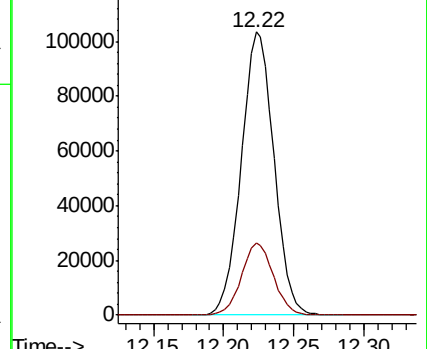
105 100

120 24.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.480 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Tgt Ion: 43 Resp: 68890

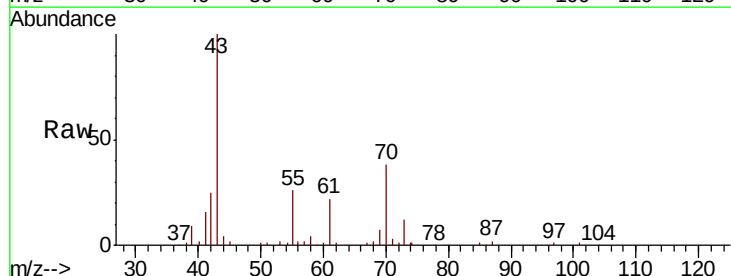
Ion Ratio Lower Upper

43 100

70 40.0 30.5 45.7

55 26.9 19.0 28.6

61 22.5 18.4 27.6

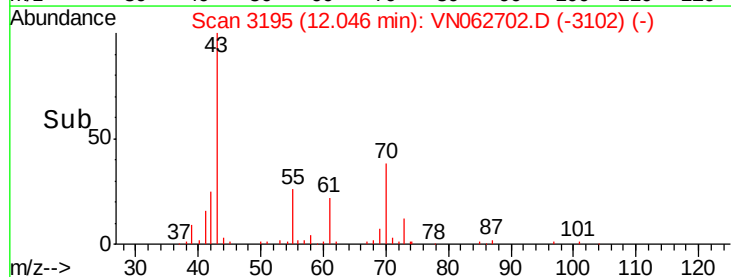
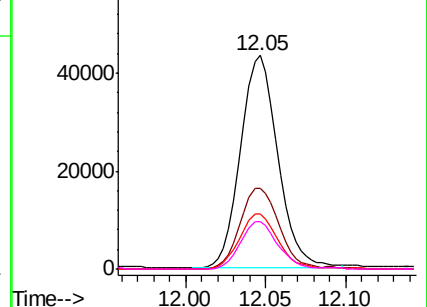


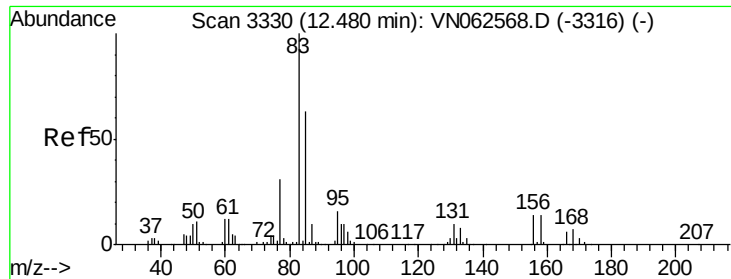
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.811 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

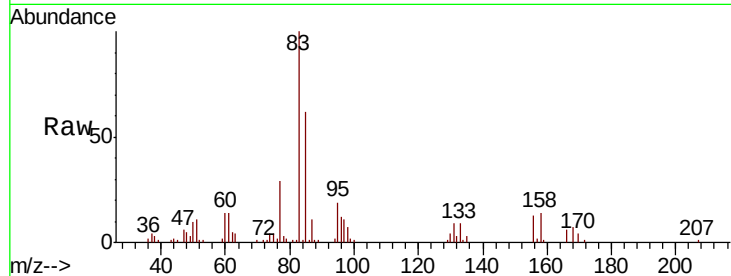
Tot Ion: 83 Resp: 54621

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.3

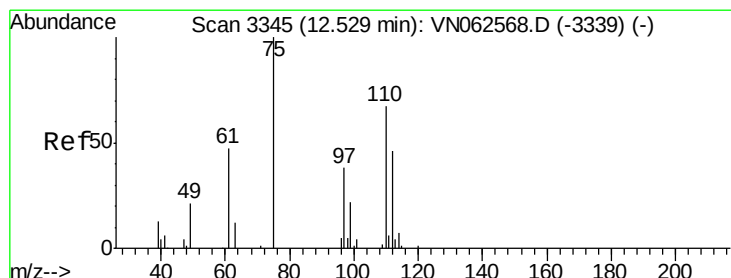
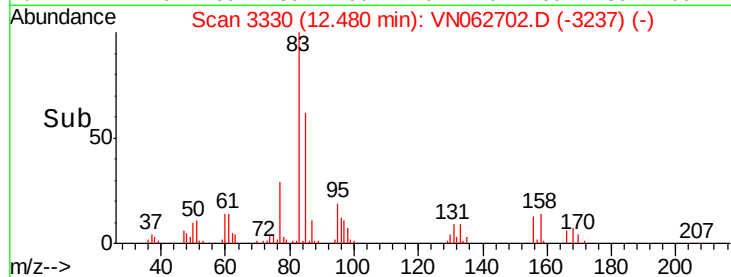
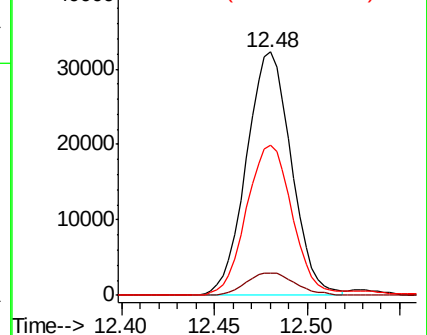
85 62.9 31.8 95.4



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: 25.895 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062702.D

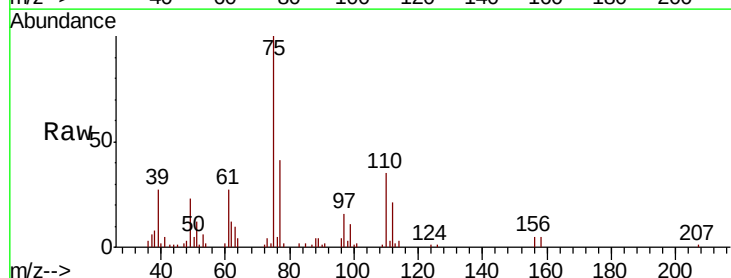
Acq: 31 Jul 2020 22:45

Tgt Ion: 75 Resp: 73561

Ion Ratio Lower Upper

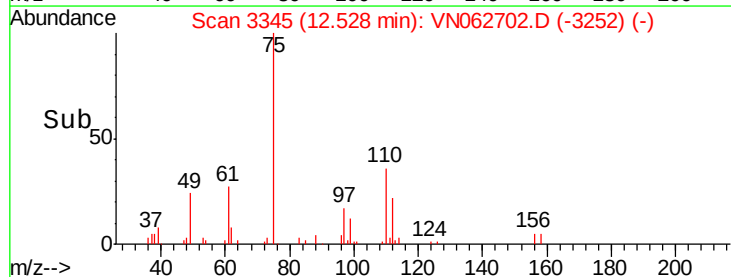
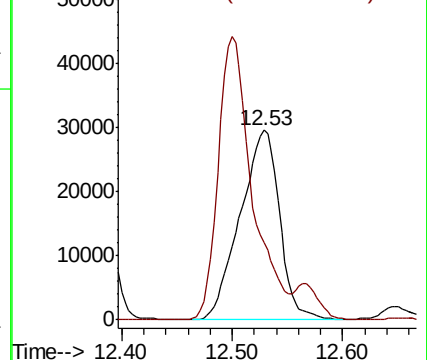
75 100

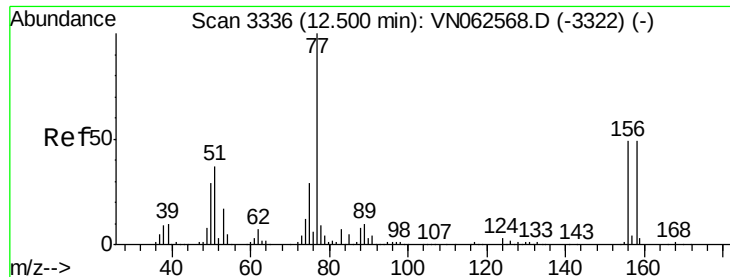
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.114 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

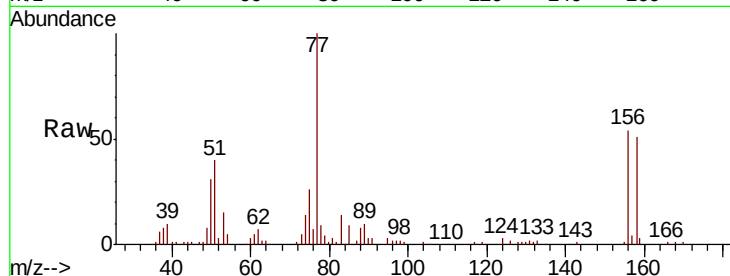
Tot Ion:156 Resp: 40536

Ion Ratio Lower Upper

156 100

77 232.4 122.8 368.3

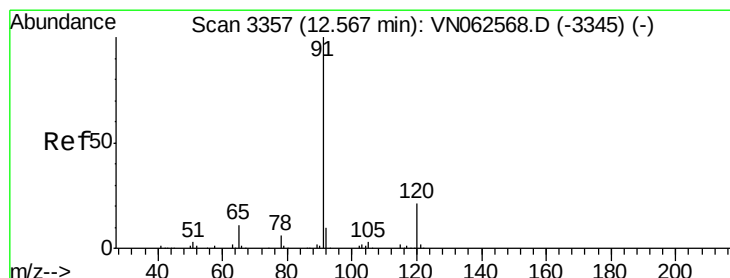
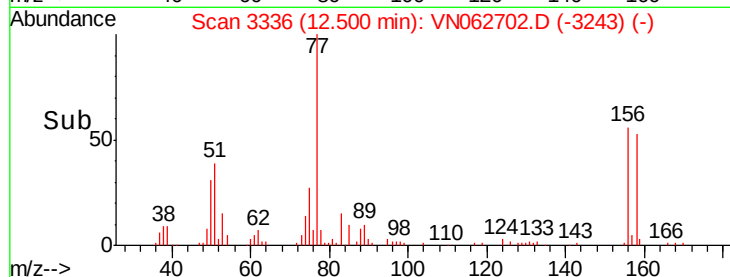
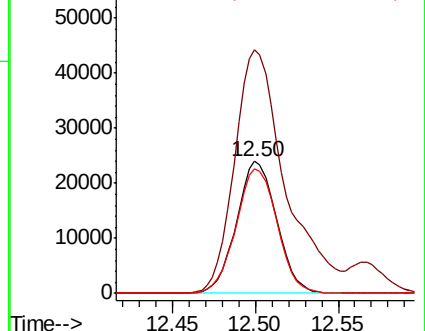
158 96.2 49.4 148.0



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: 18.417 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062702.D

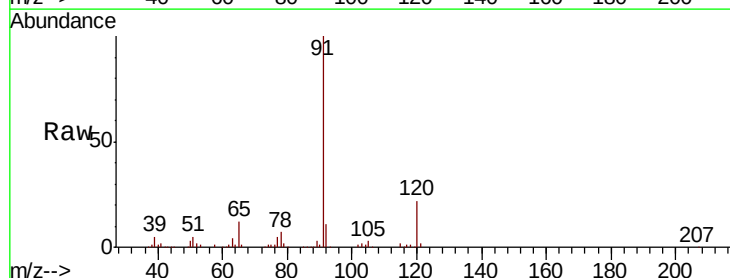
Acq: 31 Jul 2020 22:45

Tgt Ion: 91 Resp: 190376

Ion Ratio Lower Upper

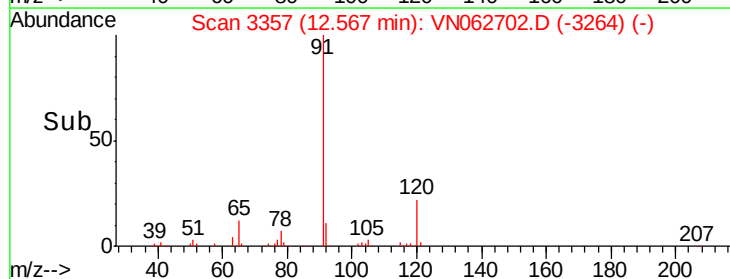
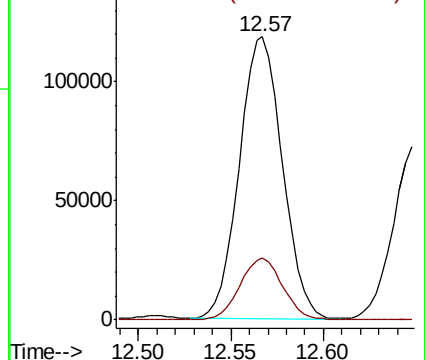
91 100

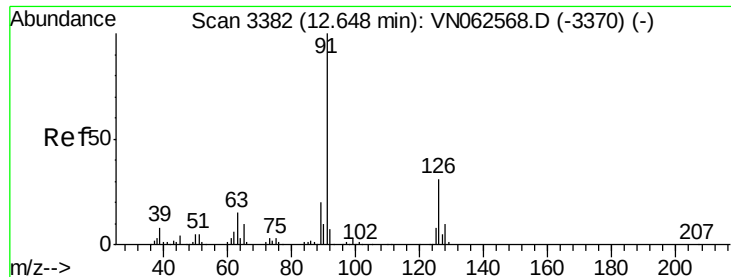
120 21.7 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

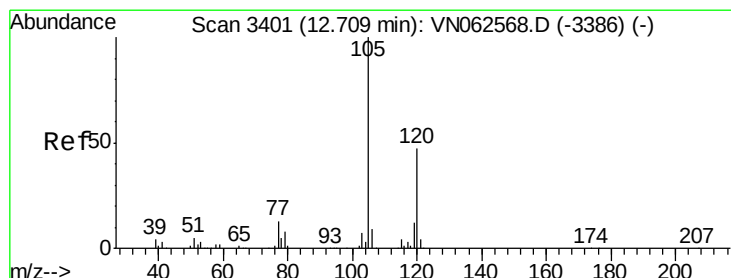
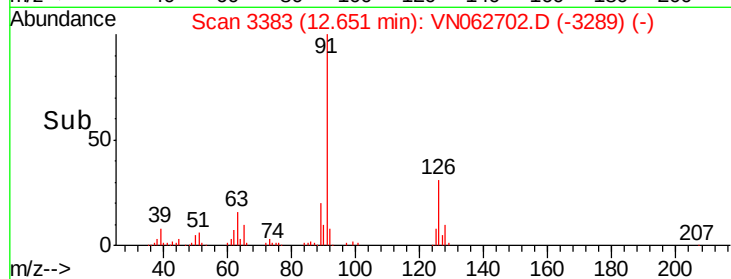
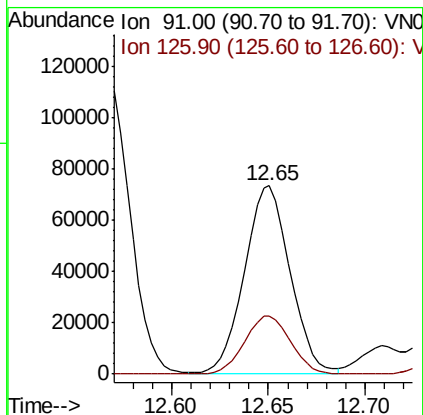
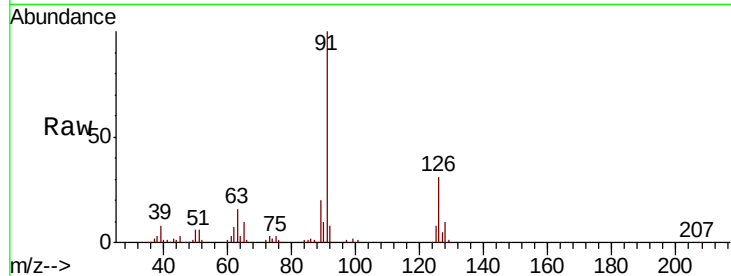




#79
 2-Chlorotoluene
 Concen: 18.754 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

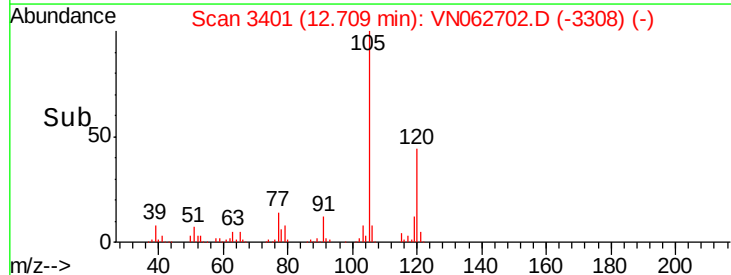
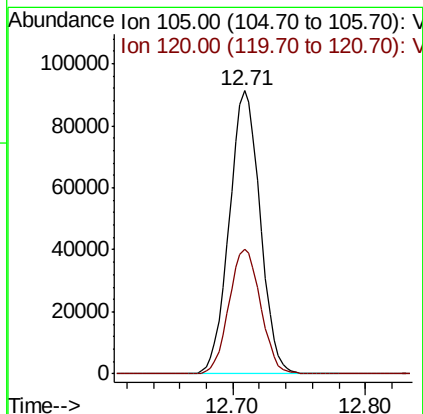
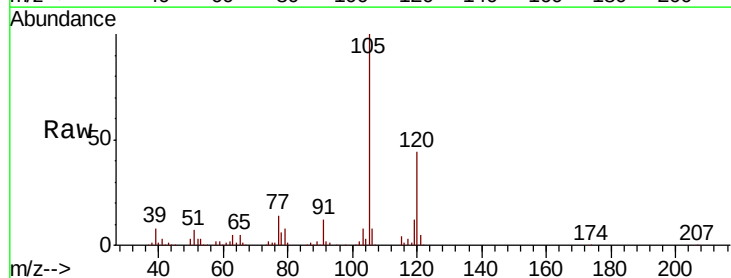
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

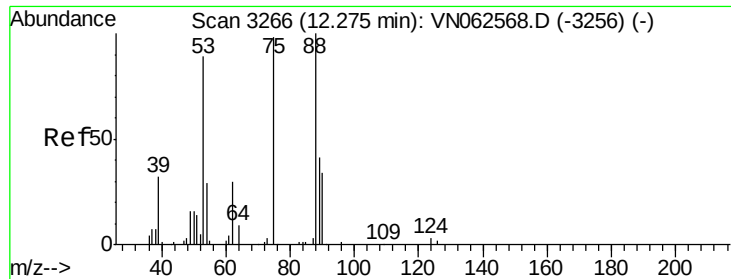
Tot Ion: 91 Resp: 119476
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.158 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 105 Resp: 147561
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.428 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS02

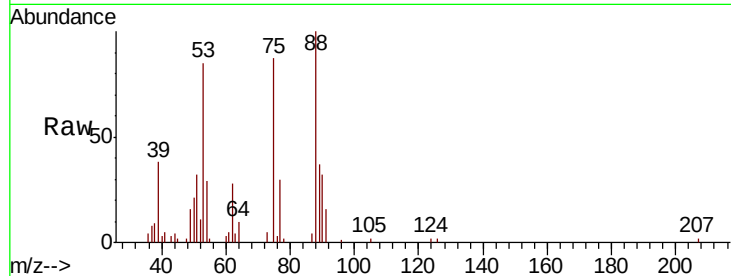
Tot Ion: 75 Resp: 17785

Ion Ratio Lower Upper

75 100

53 100.5 75.4 113.0

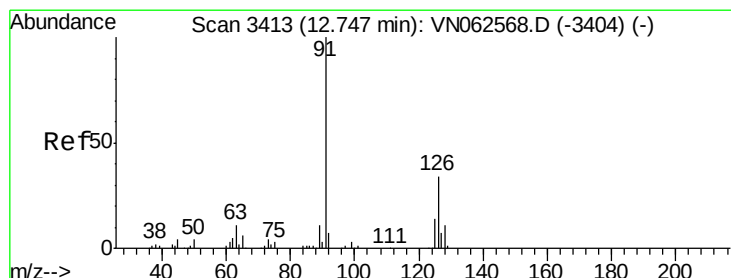
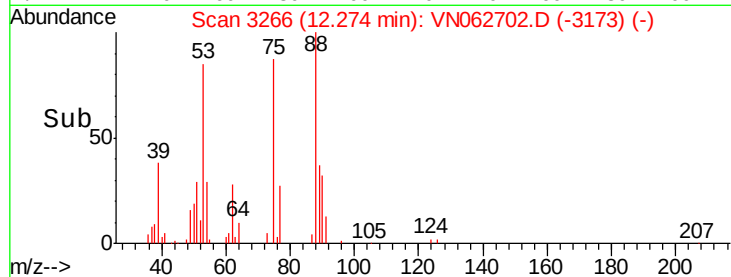
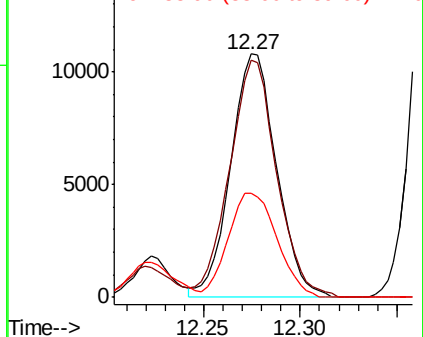
89 45.6 34.5 51.7



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: 18.353 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062702.D

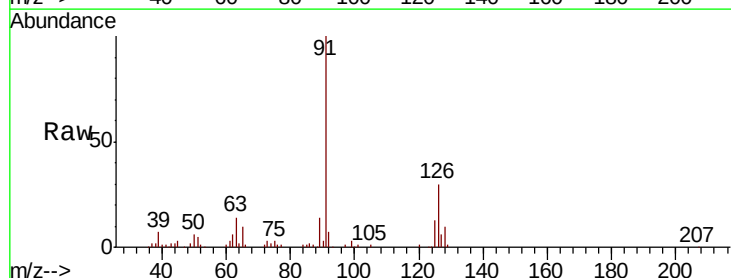
Acq: 31 Jul 2020 22:45

Tgt Ion: 91 Resp: 121699

Ion Ratio Lower Upper

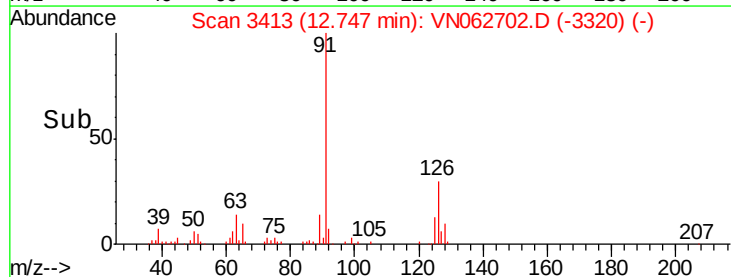
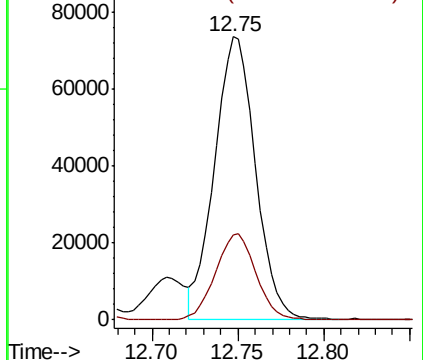
91 100

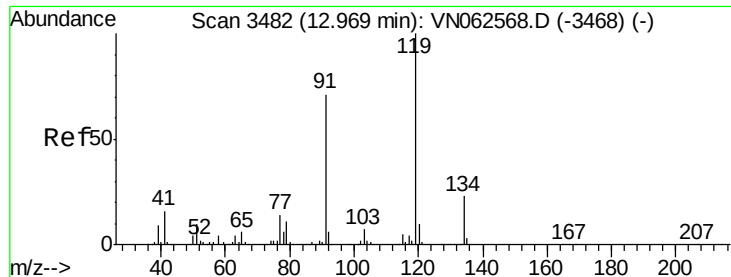
126 30.2 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

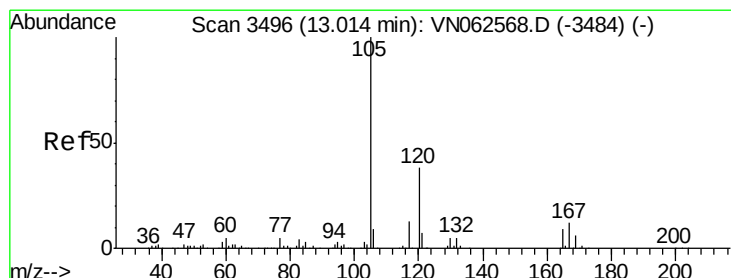
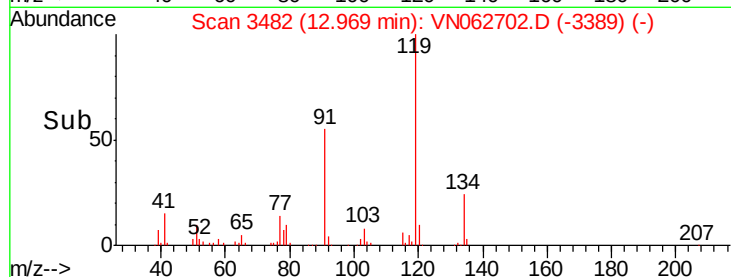
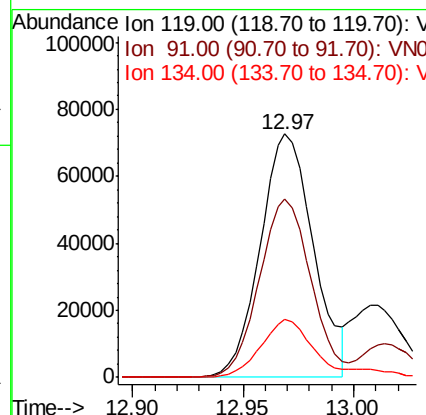
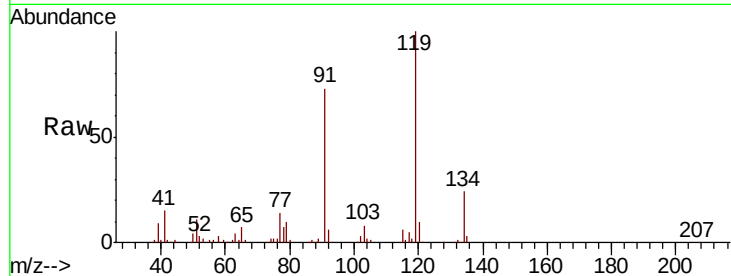




#83
tert-Butylbenzene
Concen: 19.952 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

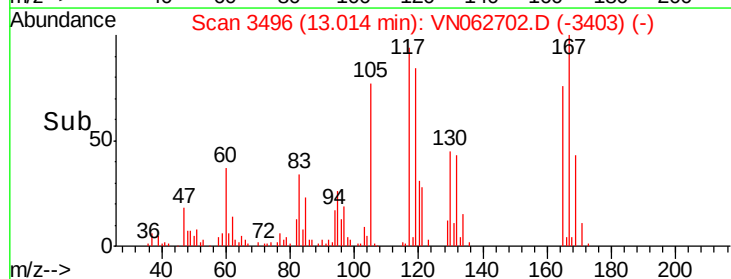
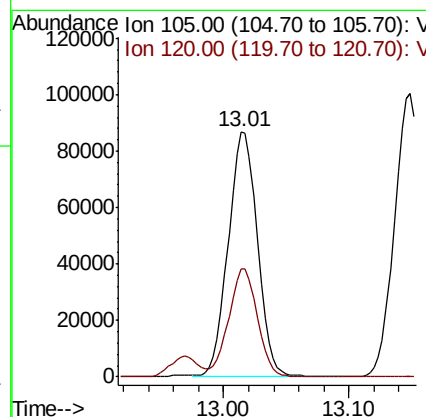
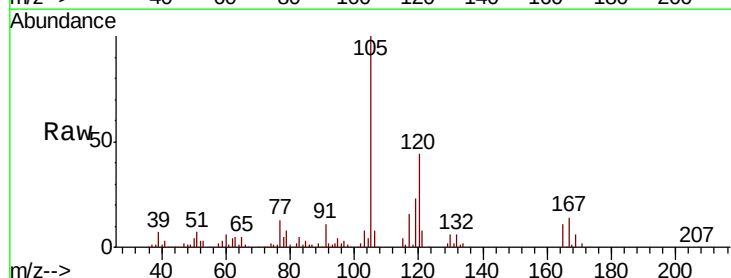
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS02

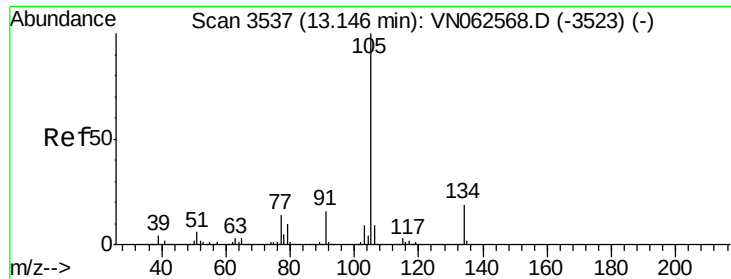
Tot Ion:119 Resp: 121273
Ion Ratio Lower Upper
119 100
91 71.3 34.6 103.8
134 23.0 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 19.587 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion:105 Resp: 140654
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.589 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

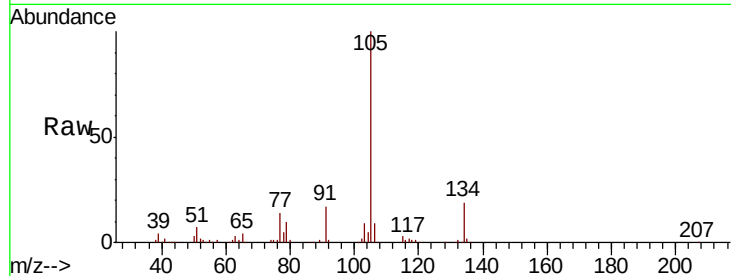
VN0731WBS02

Tot Ion:105 Resp: 159409

Ion Ratio Lower Upper

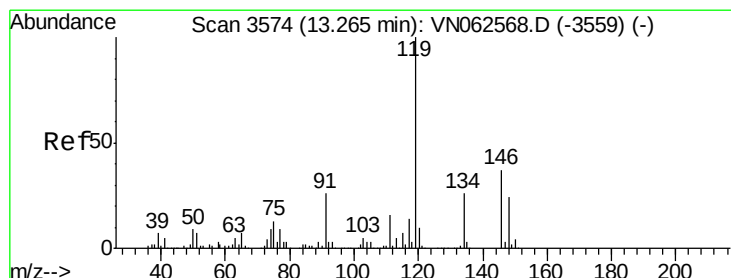
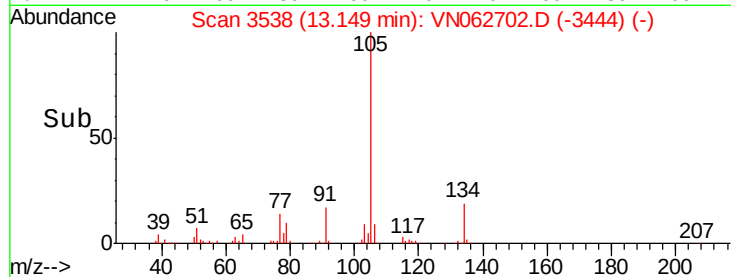
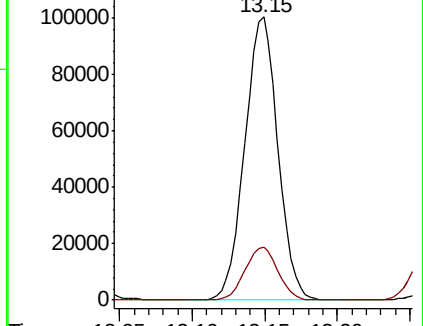
105 100

134 18.6 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: 19.565 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

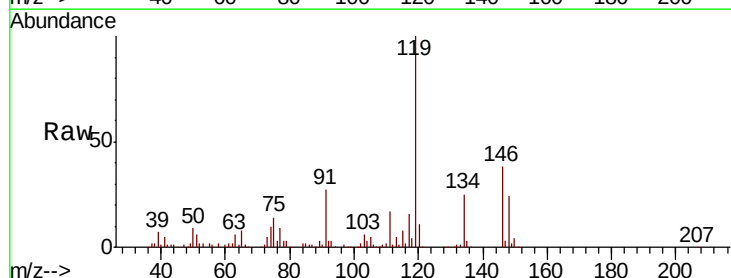
Tgt Ion:119 Resp: 136935

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

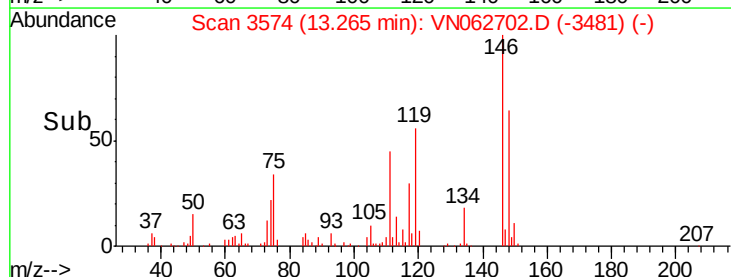
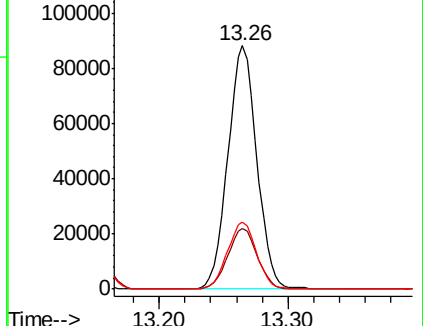
91 27.6 12.7 38.1

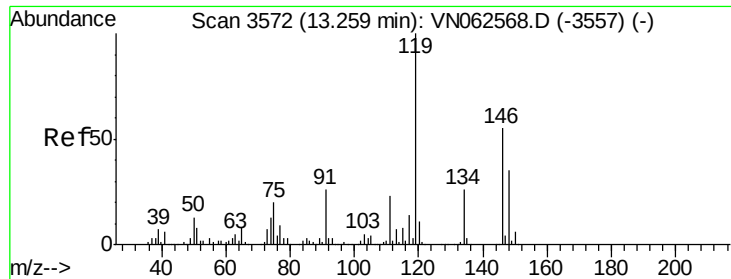


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

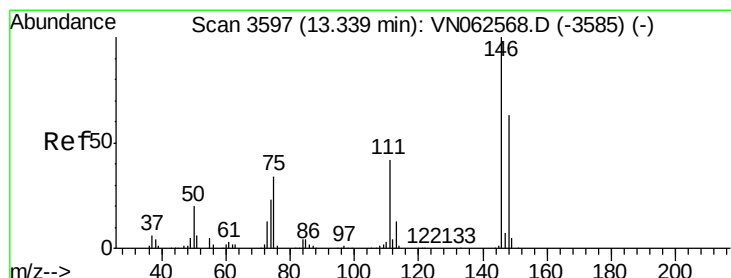
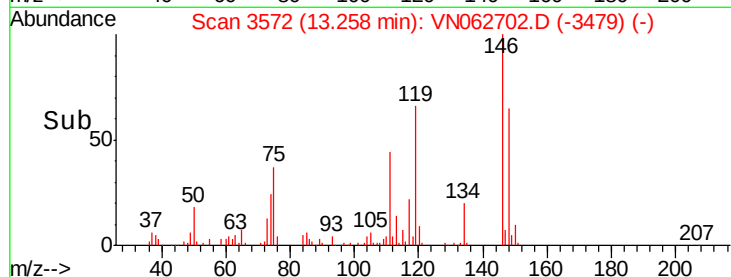
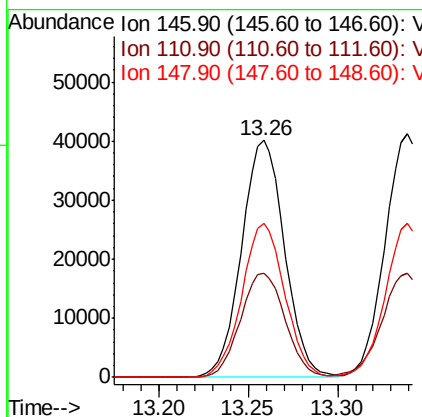
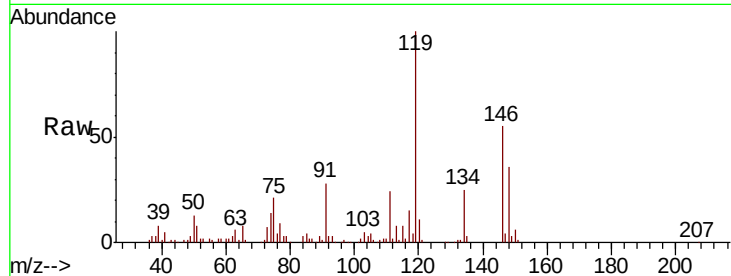




#87
 1,3-Dichlorobenzene
 Concen: 18.138 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

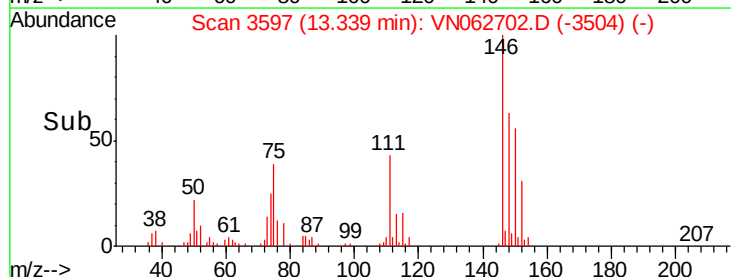
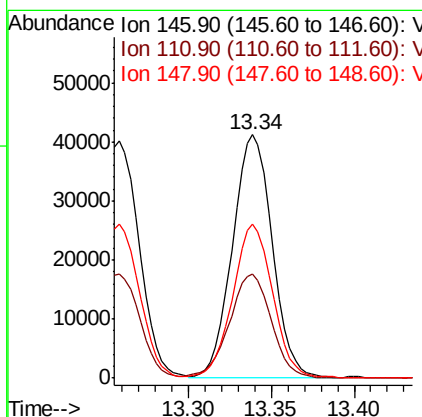
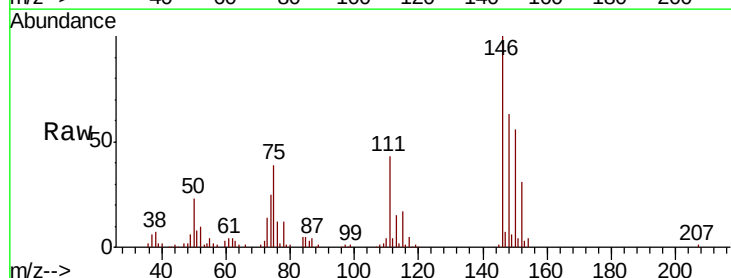
Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS02

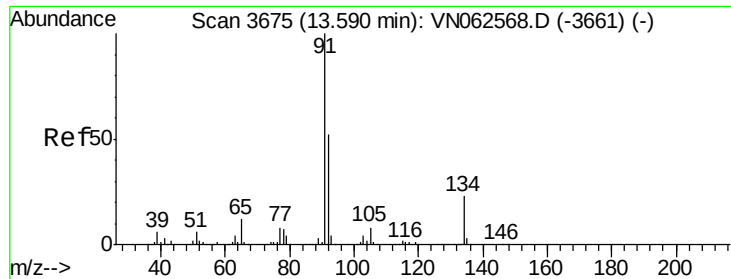
Tot Ion:146 Resp: 67503
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.6 64.6
 148 64.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.772 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion:146 Resp: 68773
 Ion Ratio Lower Upper
 146 100
 111 45.1 21.1 63.1
 148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 17.897 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062702.D

Acq: 31 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS02

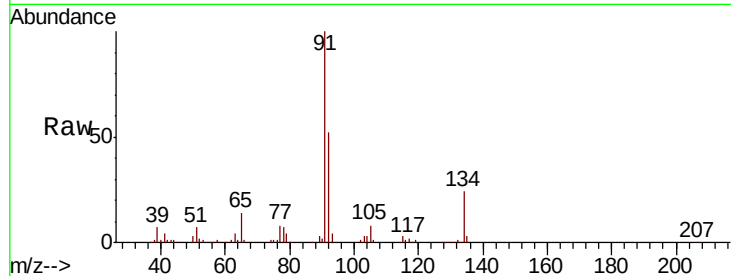
Tot Ion: 91 Resp: 107627

Ion Ratio Lower Upper

91 100

92 51.4 25.8 77.3

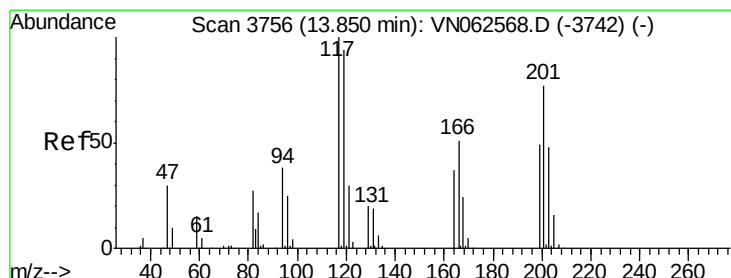
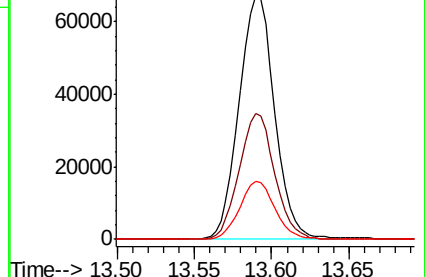
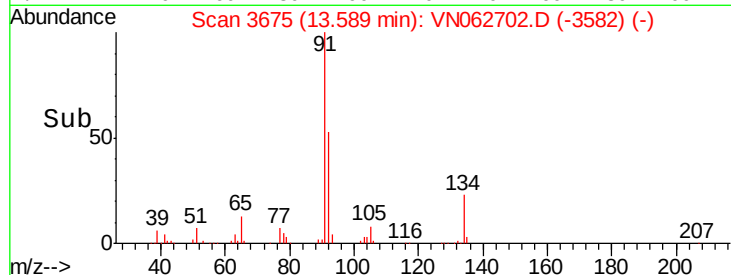
134 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN062702.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062702.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062702.D (-3582) (-)



#90

Hexachloroethane

Concen: 18.370 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062702.D

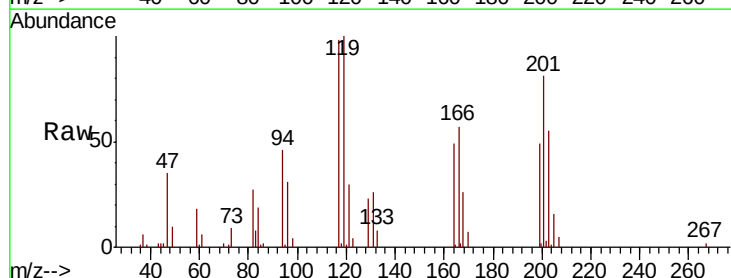
Acq: 31 Jul 2020 22:45

Tgt Ion: 117 Resp: 27371

Ion Ratio Lower Upper

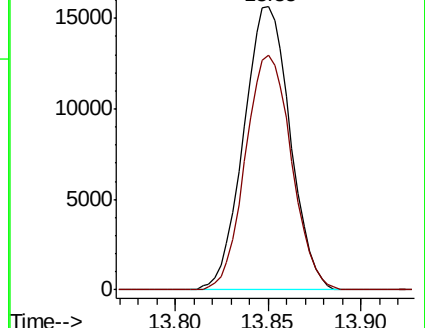
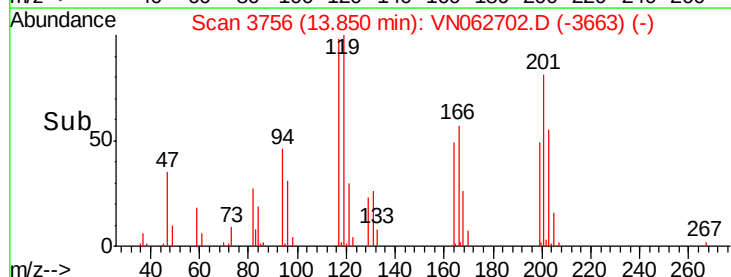
117 100

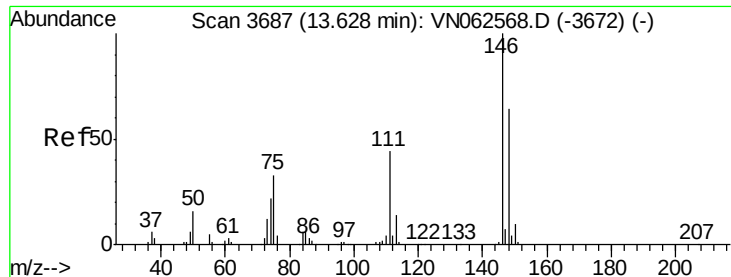
201 82.2 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062702.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062702.D (-3663) (-)

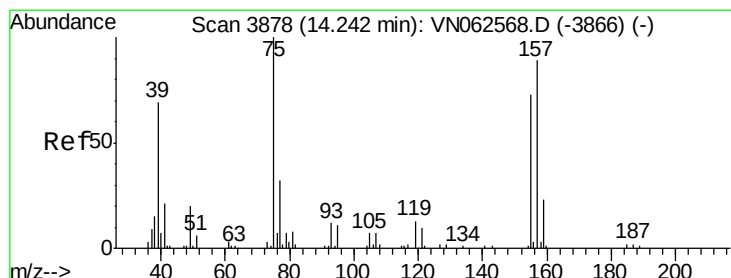
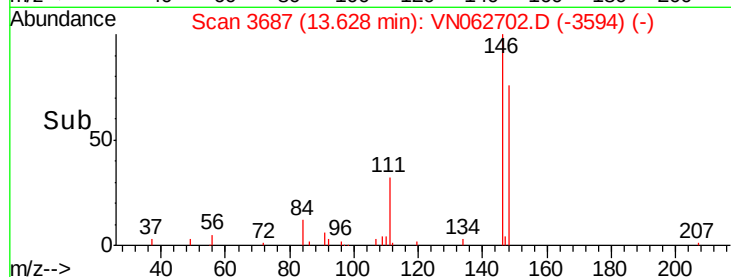
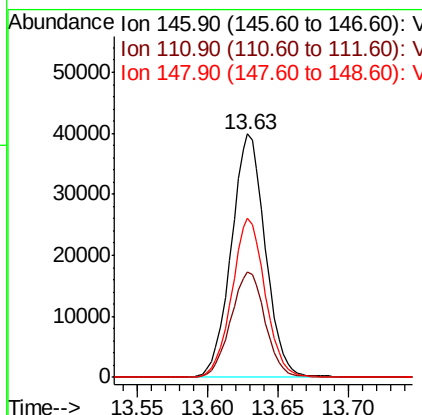
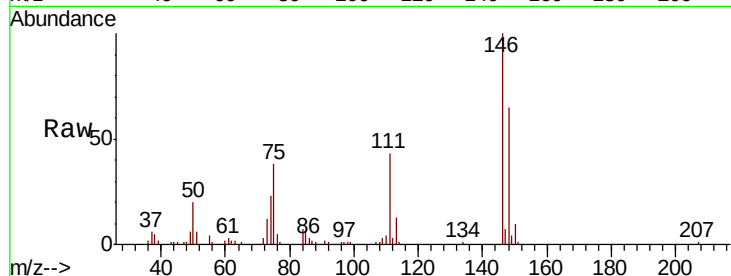




#91
 1,2-Dichlorobenzene
 Concen: 18.881 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

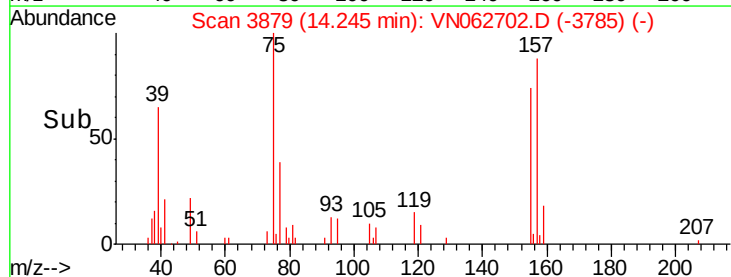
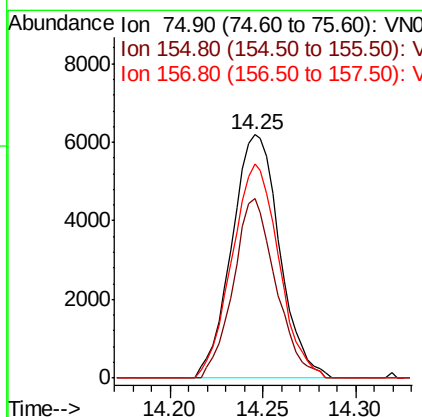
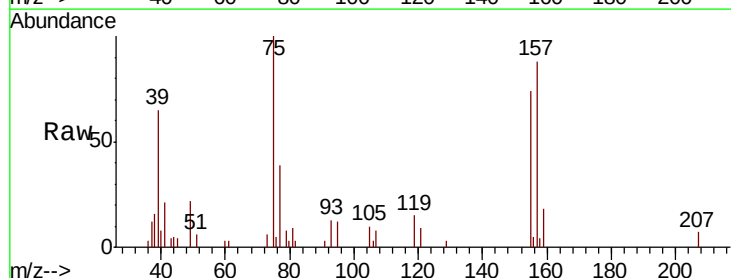
Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS02

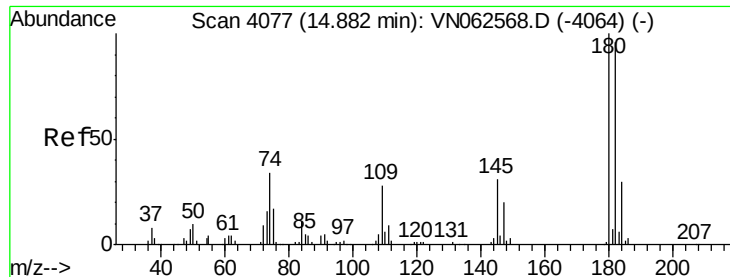
Tot Ion:146 Resp: 67191
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.8
 148 63.8 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.960 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion: 75 Resp: 11113
 Ion Ratio Lower Upper
 75 100
 155 65.9 35.9 107.5
 157 86.4 45.0 135.0

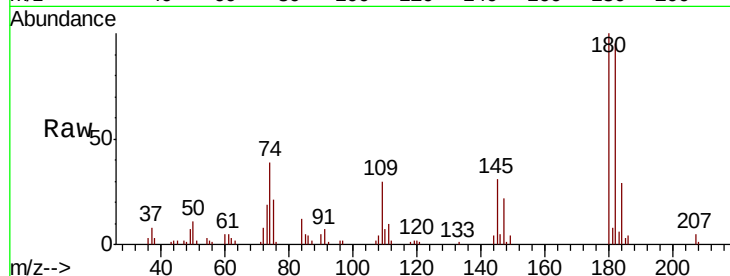




#93
 1,2,4-Trichlorobenzene
 Concen: 16.967 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.8	143.3
145	31.1	15.3	45.9

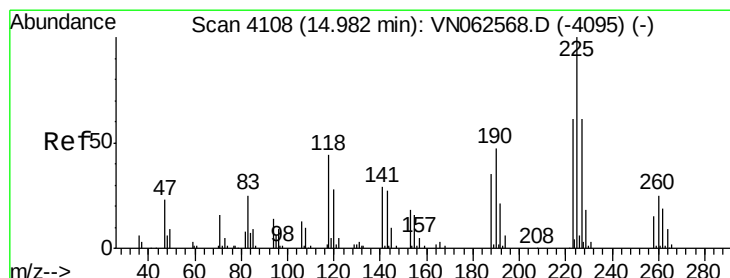
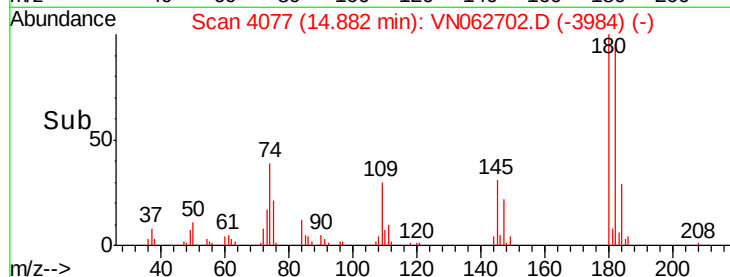
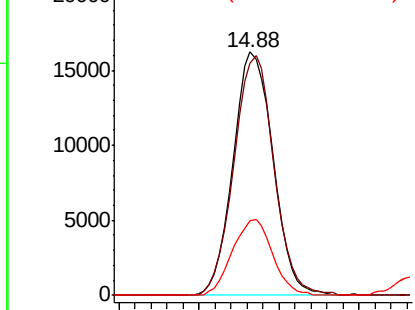


Abundance

Ion 179.80 (179.50 to 180.50): V

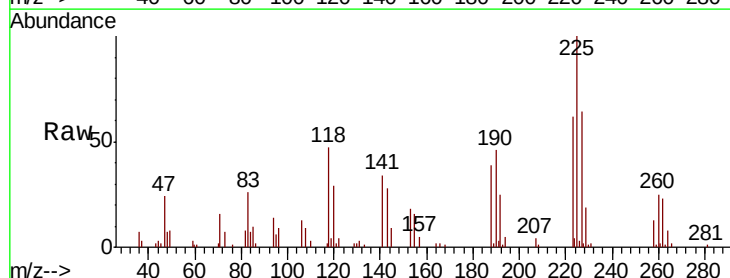
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.966 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062702.D
 Acq: 31 Jul 2020 22:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.0	96.0
227	64.9	31.1	93.2

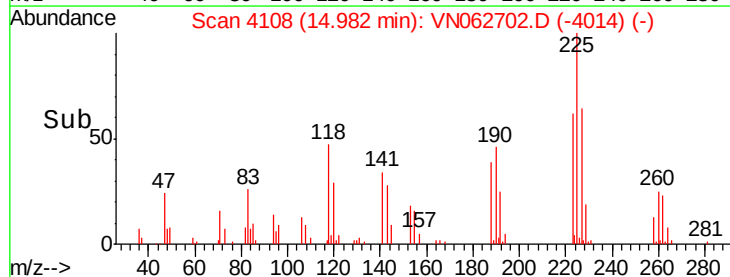
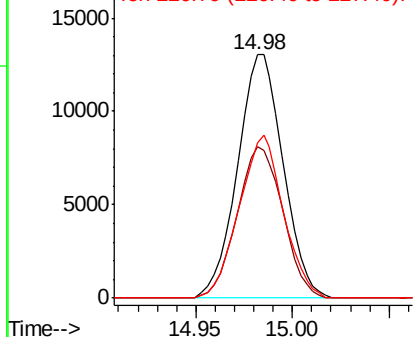


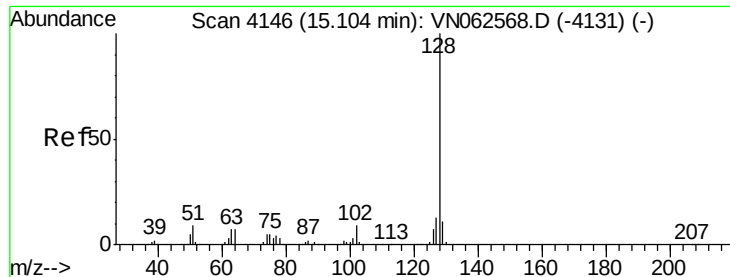
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

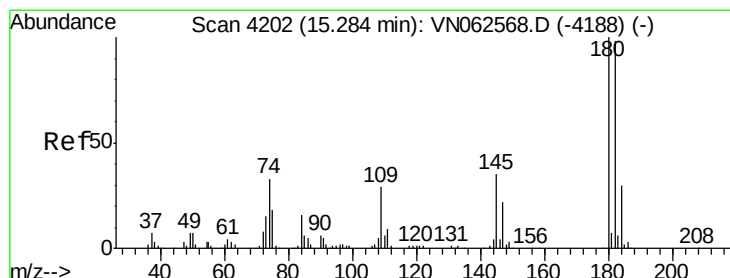
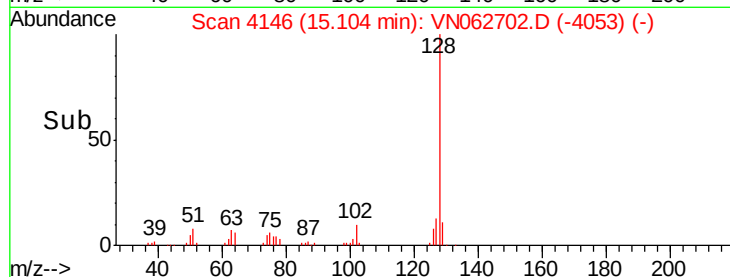
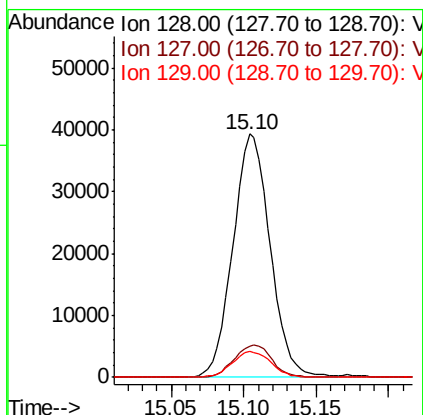
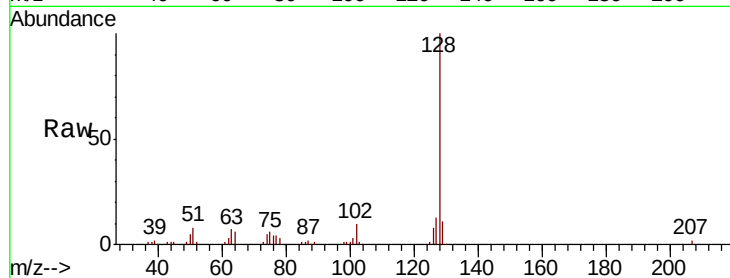




#95
Naphthalene
Concen: 16.822 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS02

Tot Ion:128 Resp: 70094
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.008 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062702.D
Acq: 31 Jul 2020 22:45

Tgt Ion:180 Resp: 28522
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.3
145 33.4 16.7 50.1

