

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062675.D
 Acq On : 31 Jul 2020 10:55
 Operator : JC/MD
 Sample : VN0731WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Quant Time: Aug 01 06:02:35 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	7.62	168	165704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	263876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	131657	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.54	113	86987	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.06	98	337786	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.38	95	125281	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	34585	17.498	ug/l	95
3) Chloromethane	2.03	50	39527	14.744	ug/l	98
4) Vinyl Chloride	2.16	62	36003	15.492	ug/l	98
5) Bromomethane	2.52	94	20820	20.227	ug/l	97
6) Chloroethane	2.66	64	20981	19.958	ug/l	90
7) Trichlorofluoromethane	2.98	101	58470	21.428	ug/l	98
8) Diethyl Ether	3.37	74	22588	17.702	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34048	19.462	ug/l	98
10) Methyl Iodide	3.91	142	37967	16.975	ug/l	94
11) Tert butyl alcohol	4.74	59	34563	84.404	ug/l #	92
12) 1,1-Dichloroethene	3.69	96	31605	17.813	ug/l	98
13) Acrolein	3.56	56	18316	49.878	ug/l	92
14) Allyl chloride	4.27	41	60803	15.843	ug/l	93
15) Acrylonitrile	4.93	53	93311	85.074	ug/l	99
16) Acetone	3.77	43	88810	91.683	ug/l	99
17) Carbon Disulfide	4.00	76	90837	15.582	ug/l	99
18) Methyl Acetate	4.27	43	46408	18.925	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	118658	18.170	ug/l	100
20) Methylene Chloride	4.50	84	39671	17.076	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	34366	17.452	ug/l	98
22) Diisopropyl ether	5.90	45	128604	16.858	ug/l	93
23) Vinyl Acetate	5.84	43	525496	84.068	ug/l	97
24) 1,1-Dichloroethane	5.79	63	73100	17.794	ug/l	99
25) 2-Butanone	6.78	43	126334	85.636	ug/l	95
26) 2,2-Dichloropropane	6.77	77	66056	19.588	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37831	16.836	ug/l	95
28) Bromochloromethane	7.15	49	34981	17.303	ug/l	93
29) Tetrahydrofuran	7.17	42	80571	80.713	ug/l	96
30) Chloroform	7.33	83	73529	18.825	ug/l	98
31) Cyclohexane	7.61	56	62304	16.426	ug/l #	90
32) 1,1,1-Trichloroethane	7.53	97	66458	20.379	ug/l	99
36) 1,1-Dichloropropene	7.75	75	53492	19.018	ug/l	99
37) Ethyl Acetate	6.88	43	52482	17.310	ug/l	99
38) Carbon Tetrachloride	7.73	117	58463	21.624	ug/l	99

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 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	55377	18.290	ug/l	99
40) Benzene	8.00	78	156123	18.335	ug/l	98
41) Methacrylonitrile	7.12	41	20177	15.528	ug/l	93
42) 1,2-Dichloroethane	8.08	62	64630	20.761	ug/l	98
43) Isopropyl Acetate	8.12	43	86456	17.689	ug/l #	91
44) Trichloroethene	8.80	130	37099	19.320	ug/l	95
45) 1,2-Dichloropropane	9.08	63	43393	18.150	ug/l	98
46) Dibromomethane	9.18	93	27260	19.728	ug/l	99
47) Bromodichloromethane	9.37	83	59245	19.790	ug/l	100
48) Methyl methacrylate	9.17	41	40973	17.635	ug/l	96
49) 1,4-Dioxane	9.17	88	13383	375.034	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	266779	91.224	ug/l	99
52) Toluene	10.12	92	94559	19.124	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	64867	19.464	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	69260	19.368	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	37649	19.630	ug/l	97
56) Ethyl methacrylate	10.40	69	57622	17.909	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66226	18.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	79481	88.157	ug/l	99
59) 2-Hexanone	10.72	43	190983	86.403	ug/l	99
60) Dibromochloromethane	10.87	129	43749	20.447	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37251	18.652	ug/l	96
64) Tetrachloroethene	10.60	164	32553	20.153	ug/l	88
65) Chlorobenzene	11.41	112	98514	18.902	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	38775	19.776	ug/l	100
67) Ethyl Benzene	11.48	91	181177	18.959	ug/l	99
68) m/p-Xylenes	11.60	106	132343	38.530	ug/l	98
69) o-Xylene	11.92	106	60262	18.476	ug/l	92
70) Styrene	11.94	104	106623	19.352	ug/l	98
71) Bromoform	12.10	173	28862	19.605	ug/l #	99
73) Isopropylbenzene	12.22	105	173717	18.611	ug/l	99
74) N-amyl acetate	12.05	43	73212	17.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	56008	17.267	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75285	25.055	ug/l #	100
77) Bromobenzene	12.50	156	41277	18.401	ug/l	97
78) n-propylbenzene	12.57	91	203037	18.570	ug/l	99
79) 2-Chlorotoluene	12.65	91	126713	18.805	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	153187	19.785	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18090	16.760	ug/l	90
82) 4-Chlorotoluene	12.75	91	128541	18.327	ug/l	99
83) tert-Butylbenzene	12.97	119	125253	19.482	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	149702	19.709	ug/l	97
85) sec-Butylbenzene	13.15	105	169859	19.734	ug/l	99
86) p-Isopropyltoluene	13.26	119	150244	20.295	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	73728	18.730	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	72569	18.727	ug/l	97
89) n-Butylbenzene	13.59	91	122840	19.312	ug/l	99
90) Hexachloroethane	13.85	117	30180	19.150	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	72077	19.149	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10907	18.521	ug/l	97

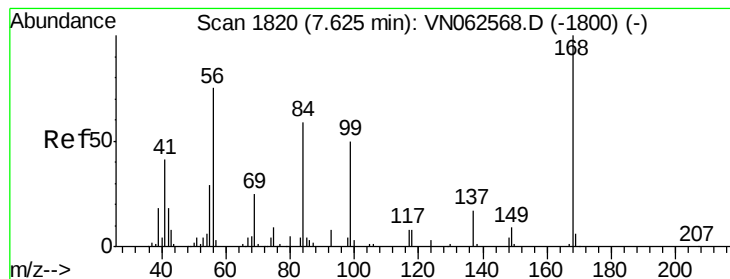
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30678	17.643	ug/l	99
94) Hexachlorobutadiene	14.98	225	24079	23.416	ug/l	98
95) Naphthalene	15.10	128	73486	16.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	31272	17.630	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

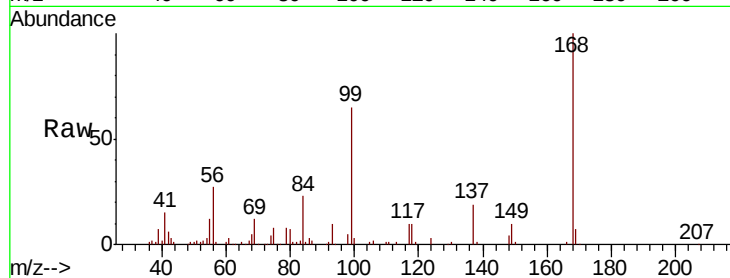
VN0731WBS01

Tot Ion:168 Resp: 165704

Ion Ratio Lower Upper

168 100

99 64.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

40000

20000

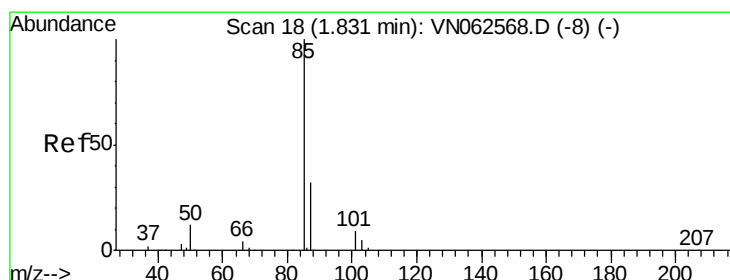
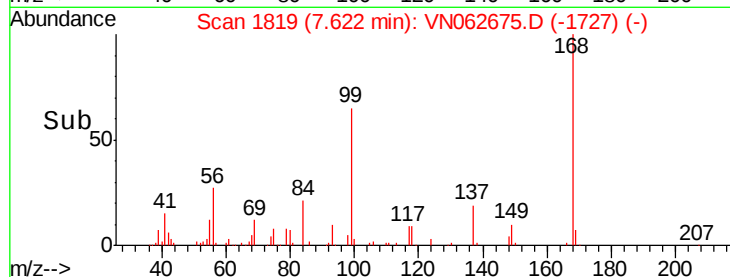
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.498 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062675.D

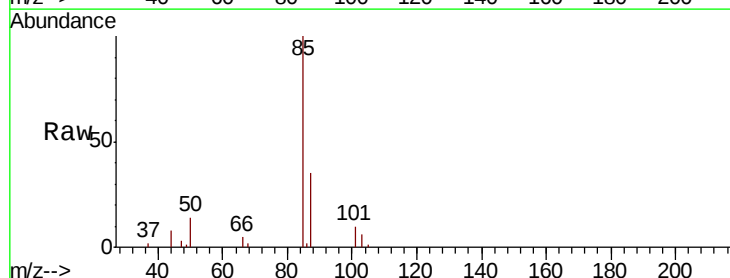
Acq: 31 Jul 2020 10:55

Tgt Ion: 85 Resp: 34585

Ion Ratio Lower Upper

85 100

87 34.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

10000

5000

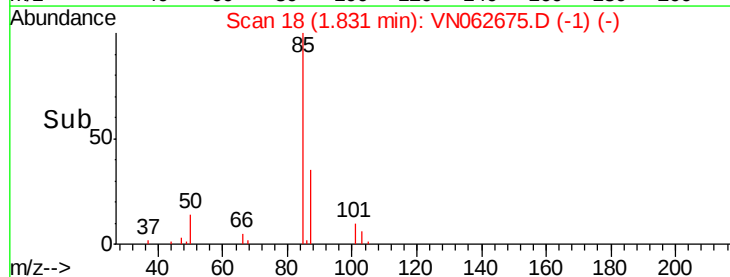
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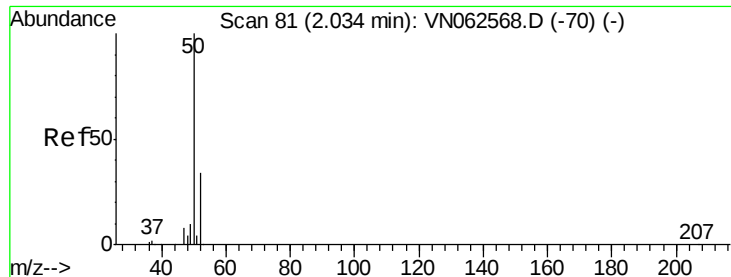
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 14.744 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

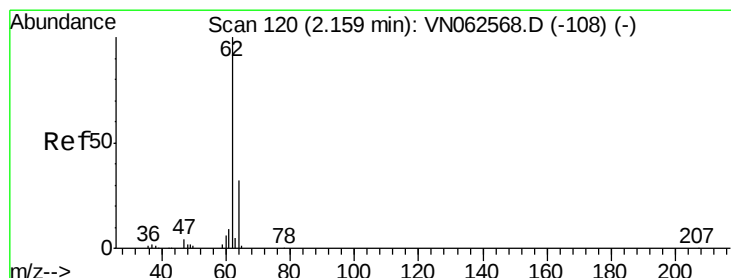
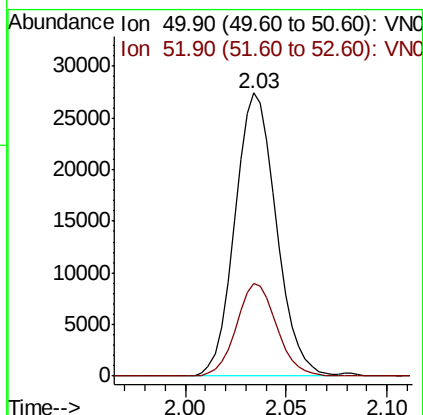
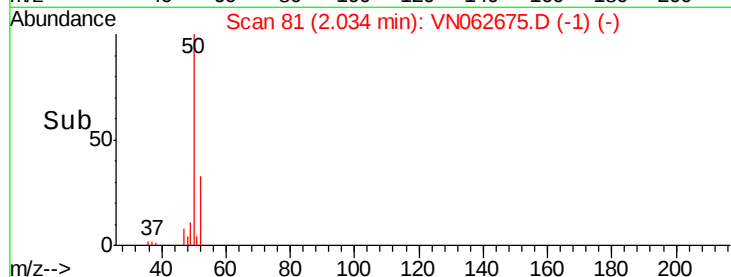
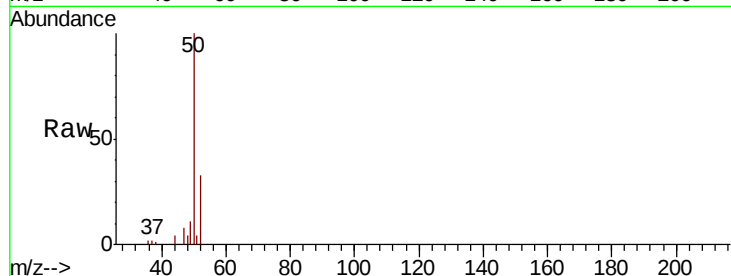
VN0731WBS01

Tot Ion: 50 Resp: 39527

Ion Ratio Lower Upper

50 100

52 32.7 27.0 40.4



#4

Vinyl Chloride

Concen: 15.492 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062675.D

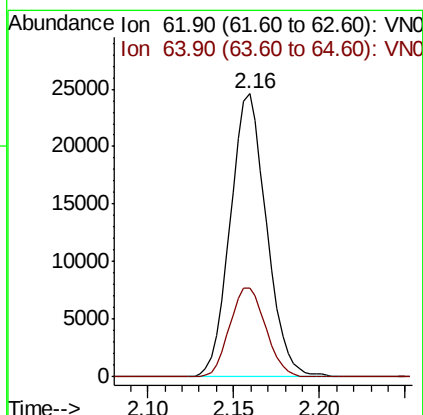
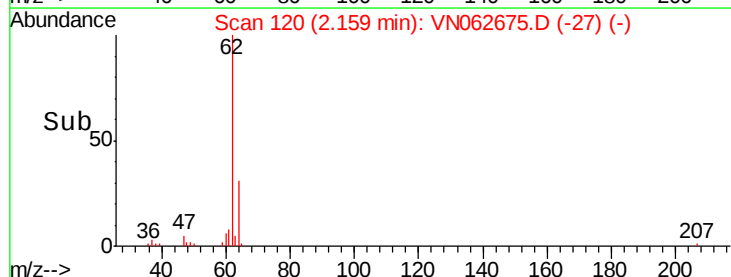
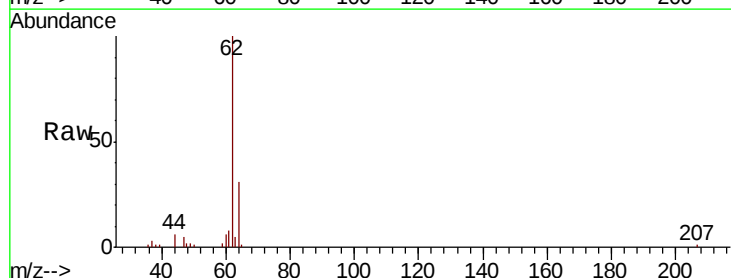
Acq: 31 Jul 2020 10:55

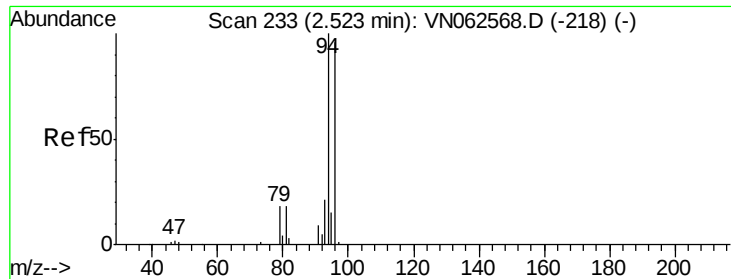
Tgt Ion: 62 Resp: 36003

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 20.227 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

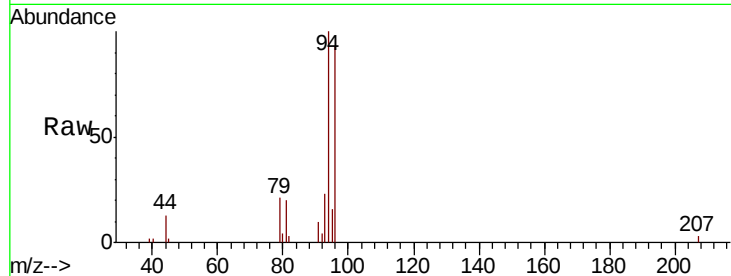
VN0731WBS01

Tot Ion: 94 Resp: 20820

Ion Ratio Lower Upper

94 100

96 92.9 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

12000

10000

8000

6000

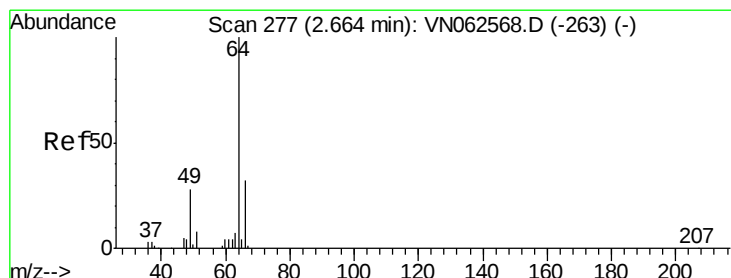
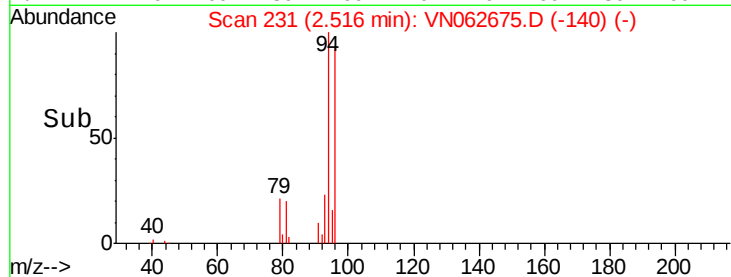
4000

2000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 19.958 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062675.D

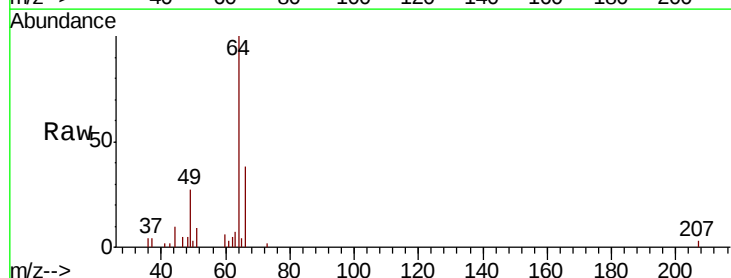
Acq: 31 Jul 2020 10:55

Tgt Ion: 64 Resp: 20981

Ion Ratio Lower Upper

64 100

66 37.7 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

12000

10000

8000

6000

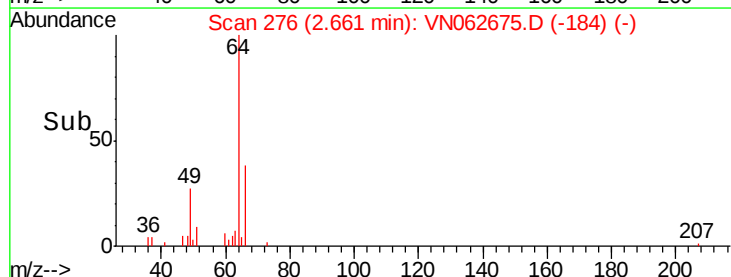
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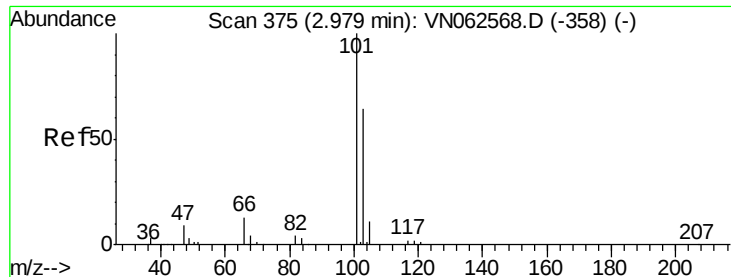
2000

0

Time-->

2.60 2.65 2.70 2.75





#7

Trichlorofluoromethane

Concen: 21.428 ug/l

RT: 2.98 min Scan# 374

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

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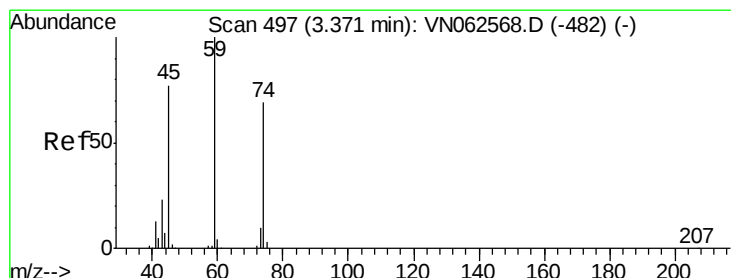
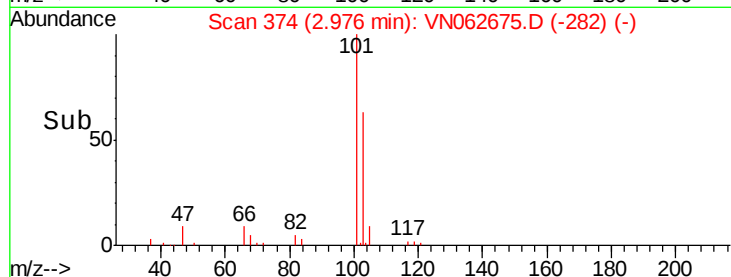
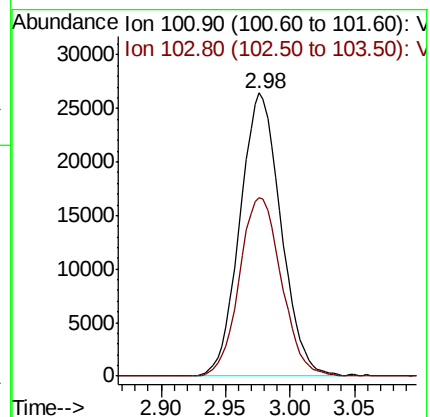
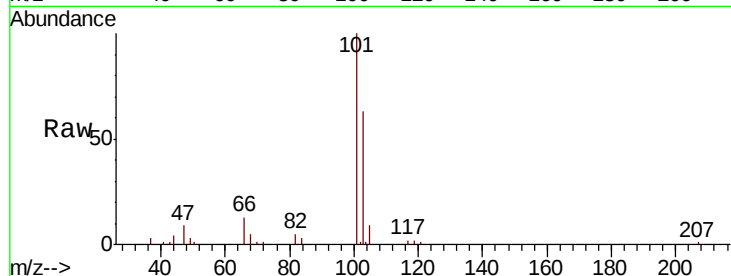
VN0731WBS01

Tot Ion:101 Resp: 58470

Ion Ratio Lower Upper

101 100

103 63.1 51.5 77.3



#8

Diethyl Ether

Concen: 17.702 ug/l

RT: 3.37 min Scan# 497

Delta R.T. 0.00 min

Lab File: VN062675.D

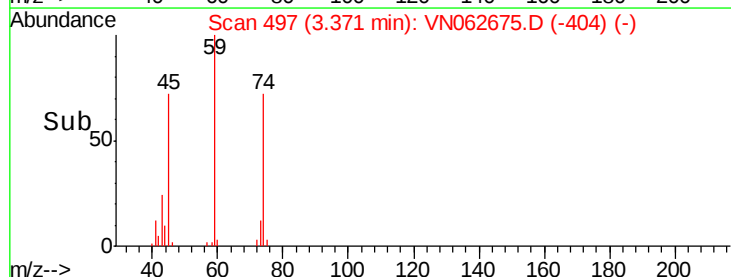
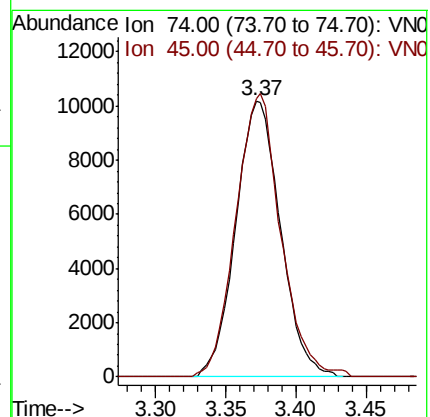
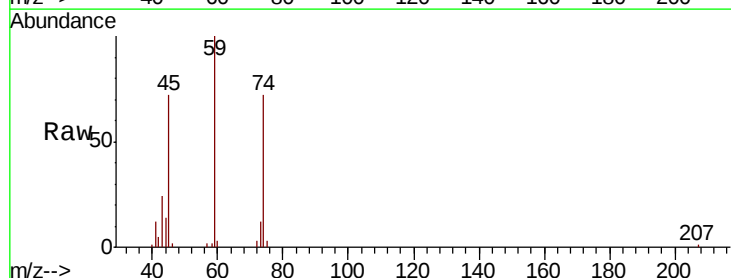
Acq: 31 Jul 2020 10:55

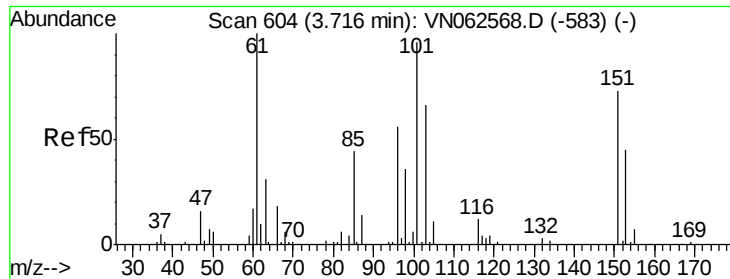
Tgt Ion: 74 Resp: 22588

Ion Ratio Lower Upper

74 100

45 103.2 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.462 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

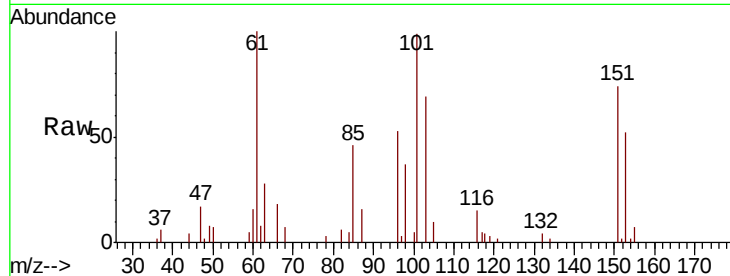
Tot Ion:101 Resp: 34048

Ion Ratio Lower Upper

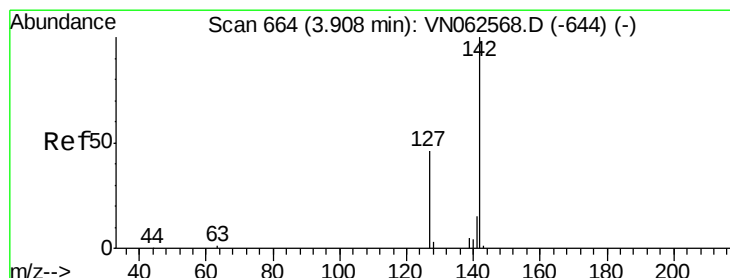
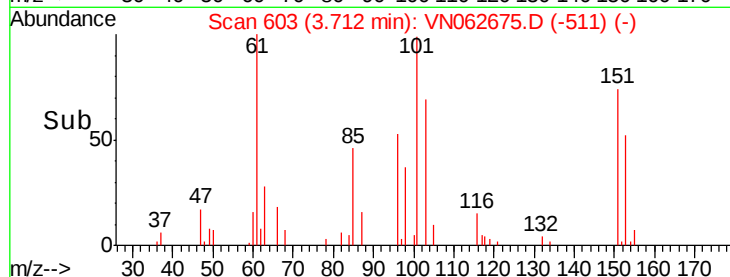
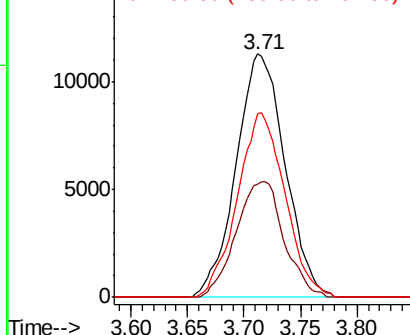
101 100

85 46.5 36.0 54.0

151 73.5 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.975 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

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Acq: 31 Jul 2020 10:55

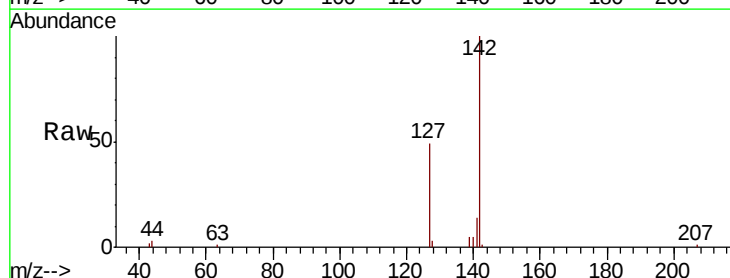
Tgt Ion:142 Resp: 37967

Ion Ratio Lower Upper

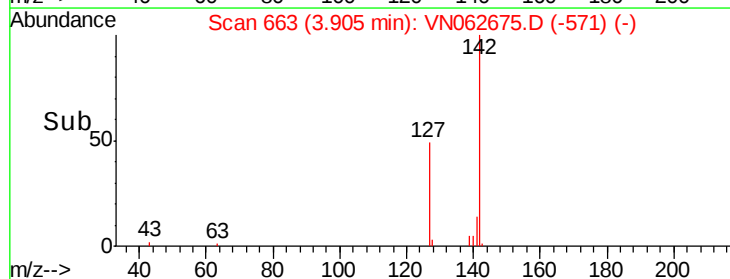
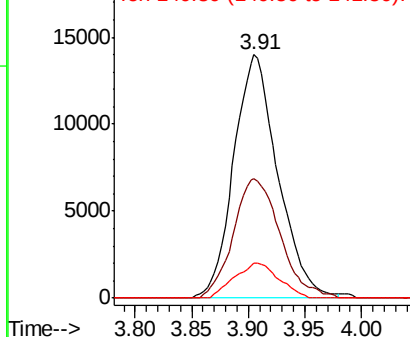
142 100

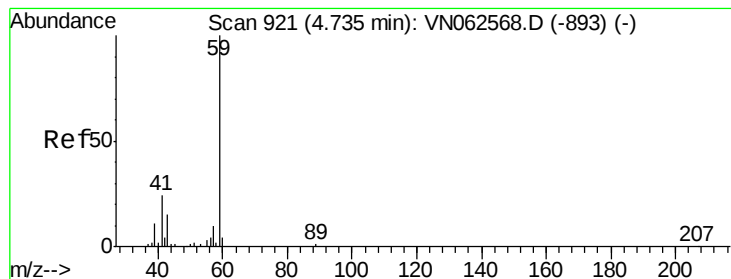
127 51.8 37.4 56.0

141 14.5 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: 84.404 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

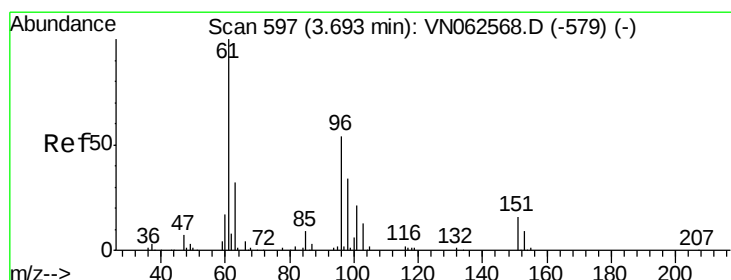
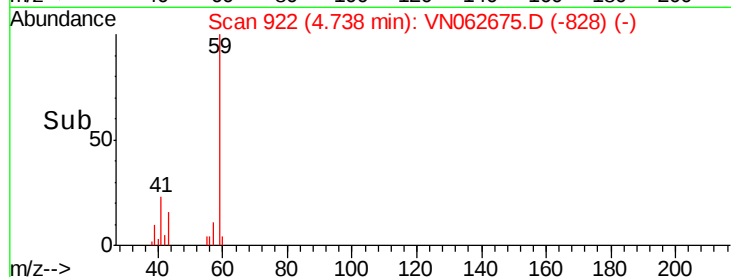
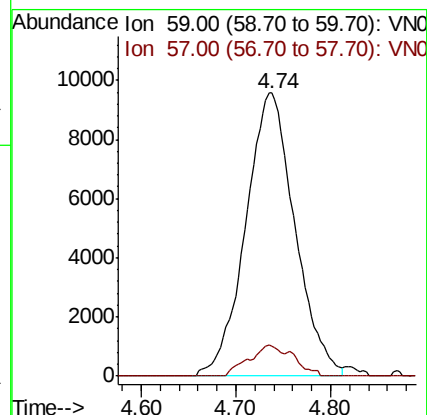
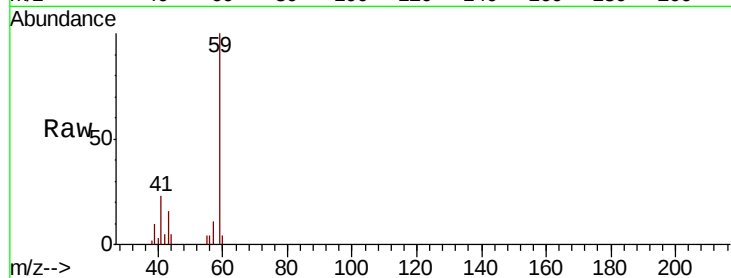
VN0731WBS01

Tot Ion: 59 Resp: 34563

Ion Ratio Lower Upper

59 100

57 7.2 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 17.813 ug/l

RT: 3.69 min Scan# 597

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

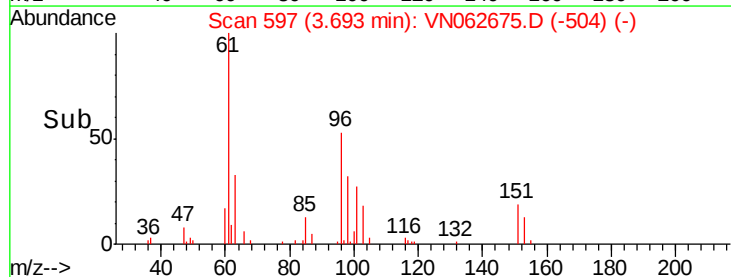
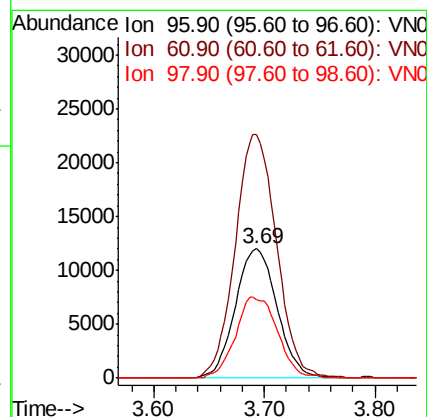
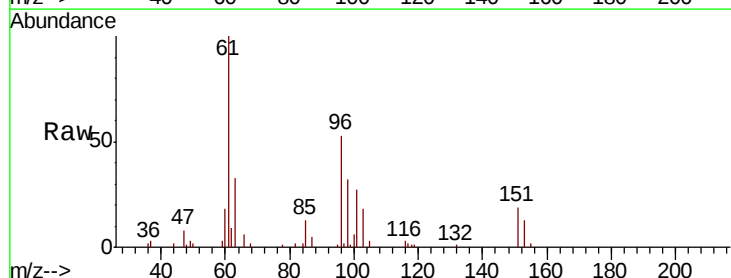
Tgt Ion: 96 Resp: 31605

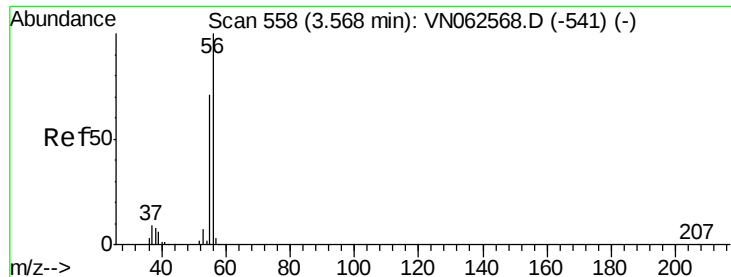
Ion Ratio Lower Upper

96 100

61 188.5 148.6 222.8

98 60.6 50.6 75.8





#13

Acrolein

Concen: 49.878 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

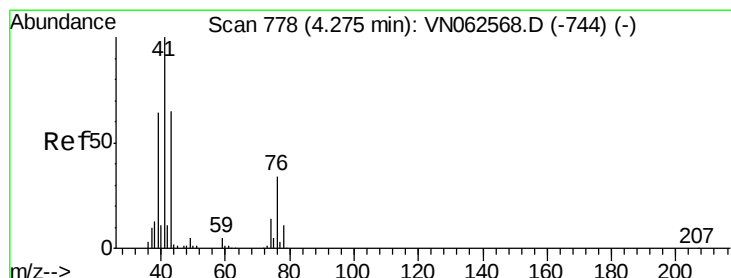
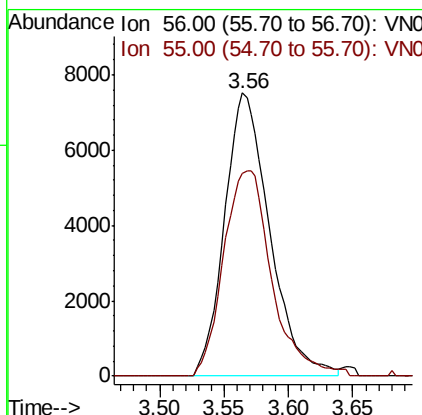
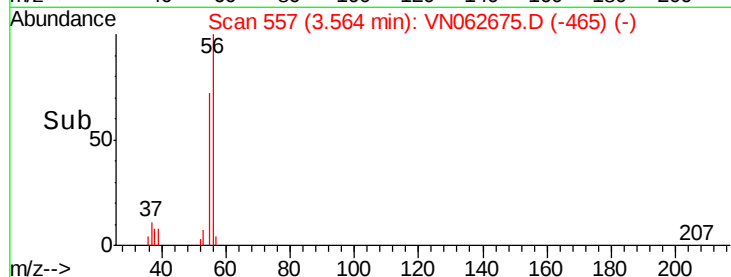
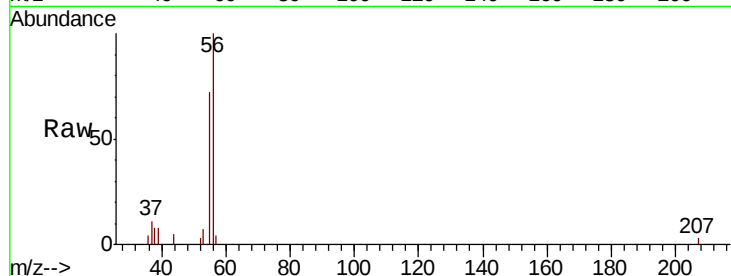
VN0731WBS01

Tot Ion: 56 Resp: 18316

Ion Ratio Lower Upper

56 100

55 77.5 57.0 85.4



#14

Allyl chloride

Concen: 15.843 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

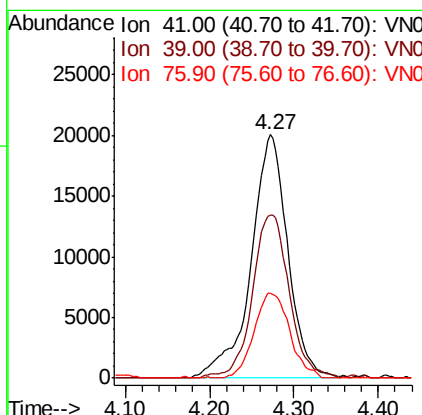
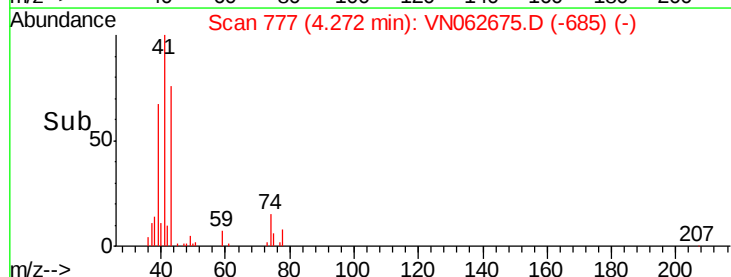
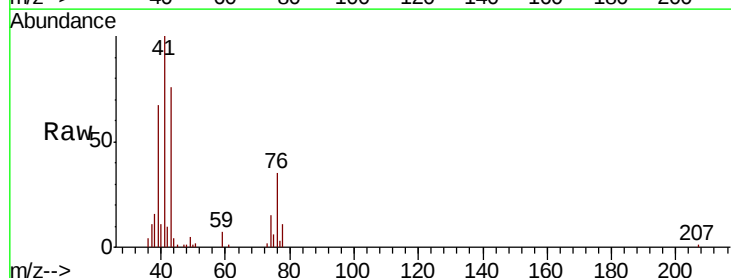
Tgt Ion: 41 Resp: 60803

Ion Ratio Lower Upper

41 100

39 67.0 49.0 73.4

76 33.9 24.0 36.0





#15

Acrylonitrile

Concen: 85.074 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

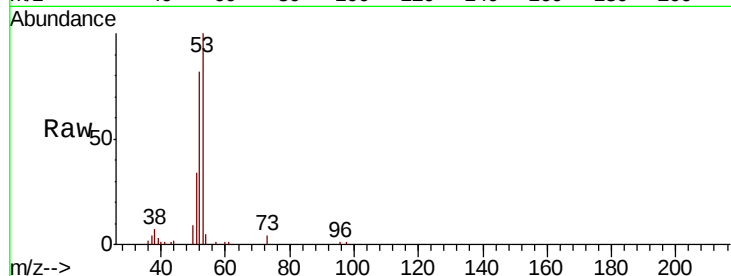
Tot Ion: 53 Resp: 93311

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

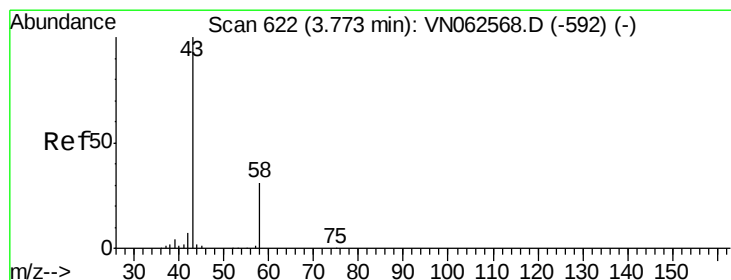
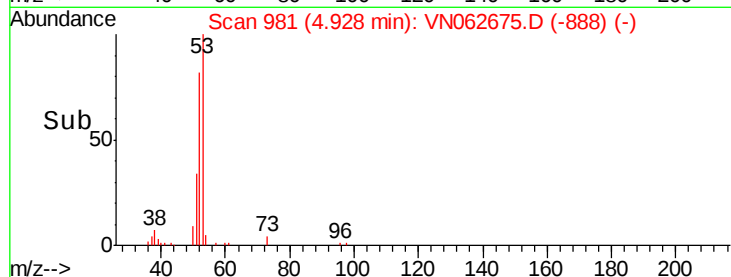
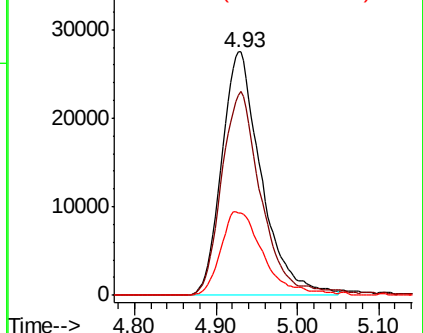
51 37.0 28.6 43.0



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: 91.683 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062675.D

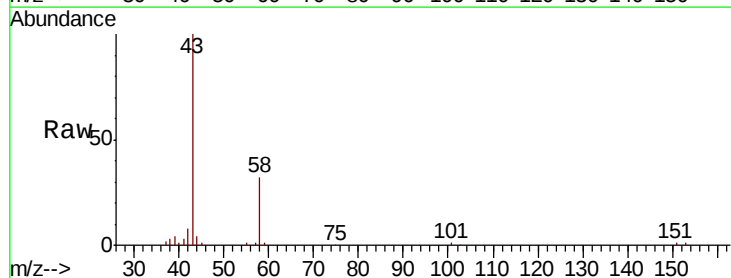
Acq: 31 Jul 2020 10:55

Tgt Ion: 43 Resp: 88810

Ion Ratio Lower Upper

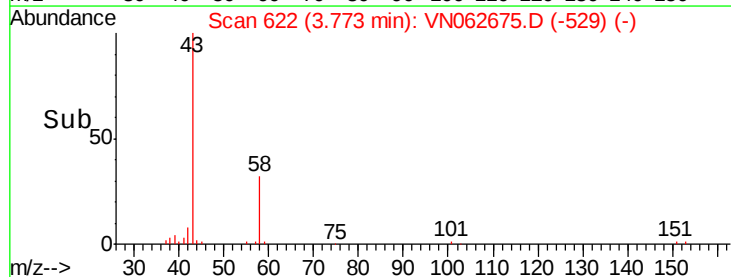
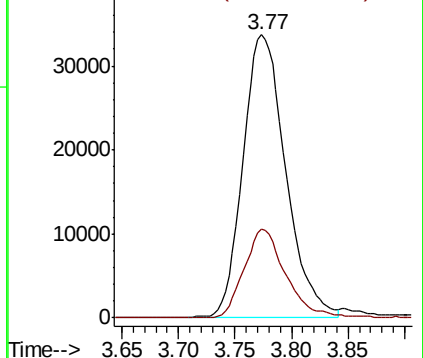
43 100

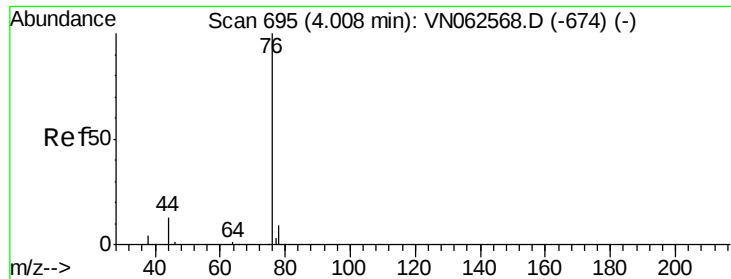
58 31.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

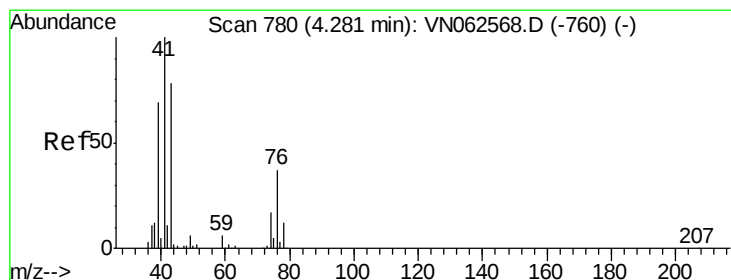
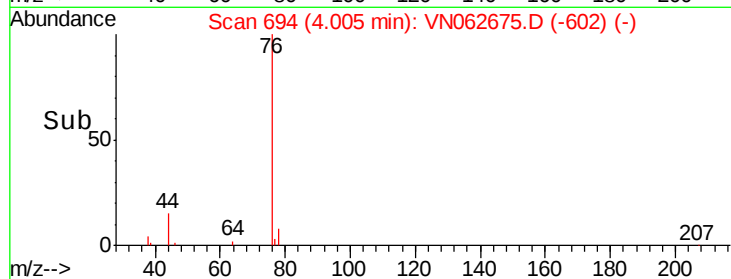
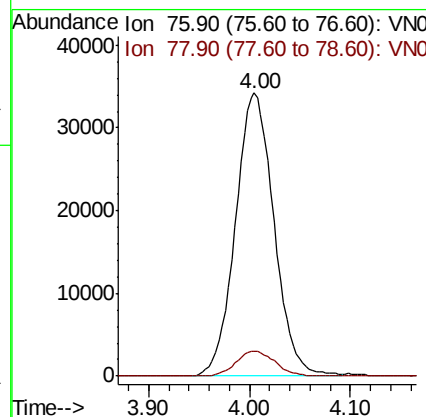
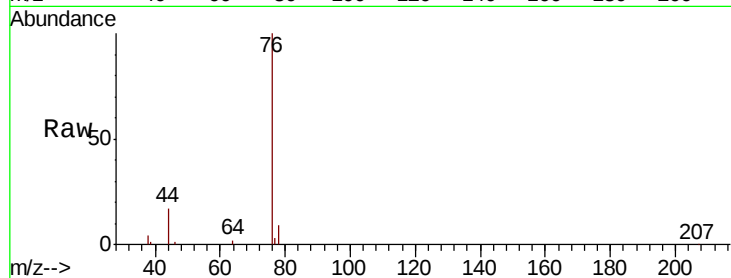




#17
Carbon Disulfide
Concen: 15.582 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

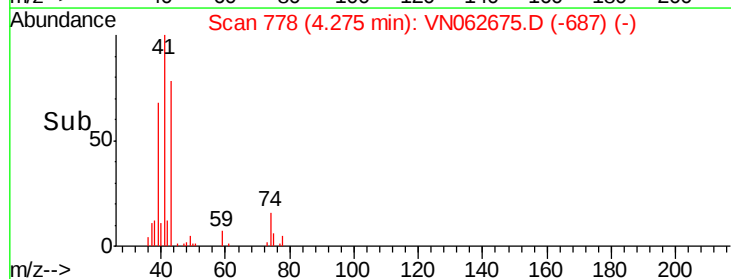
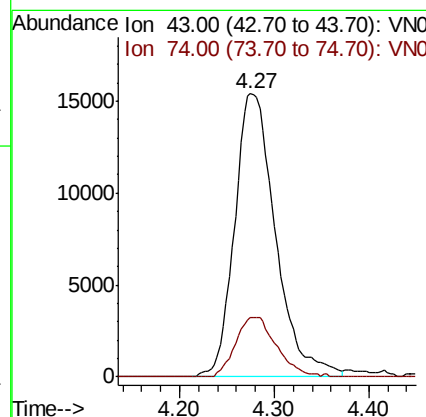
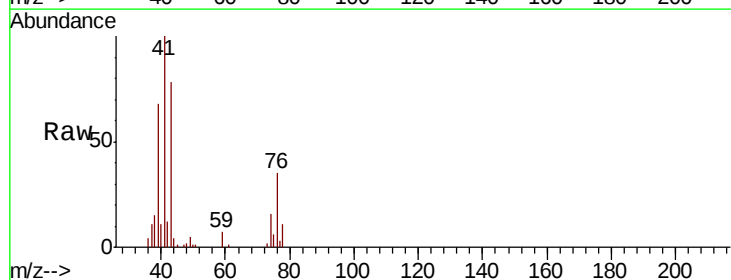
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

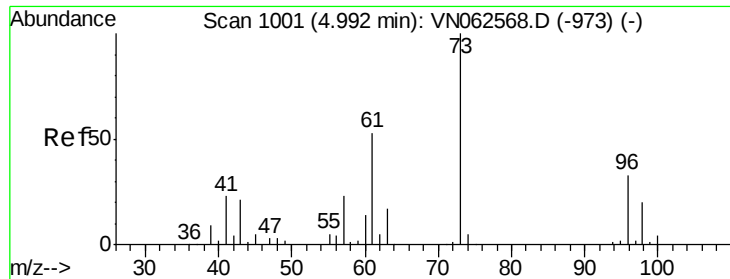
Tot Ion: 76 Resp: 90837
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 18.925 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 43 Resp: 46408
Ion Ratio Lower Upper
43 100
74 20.9 16.6 24.8

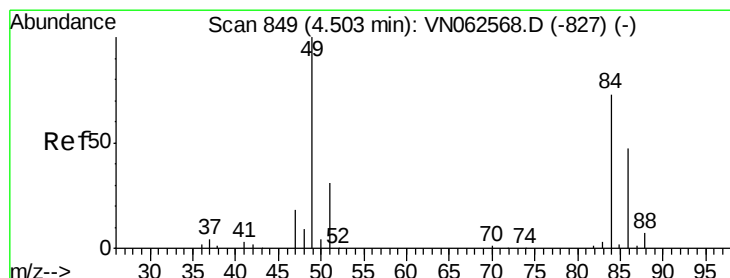
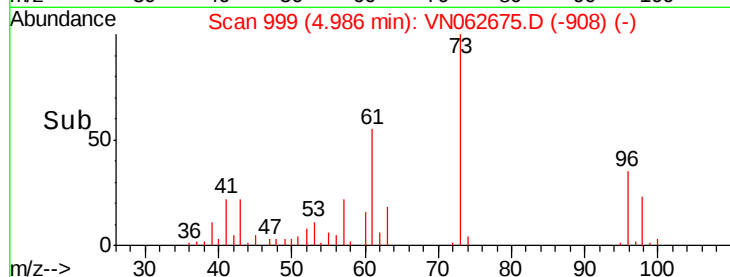
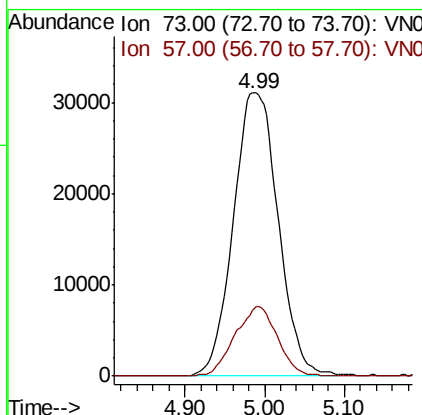
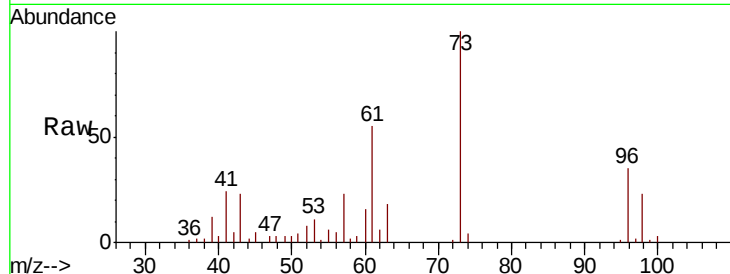




#19
Methyl tert-butyl Ether
Concen: 18.170 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

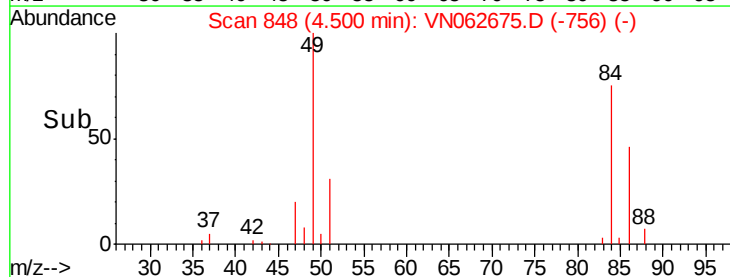
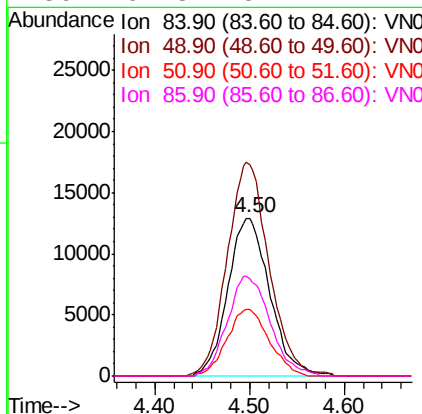
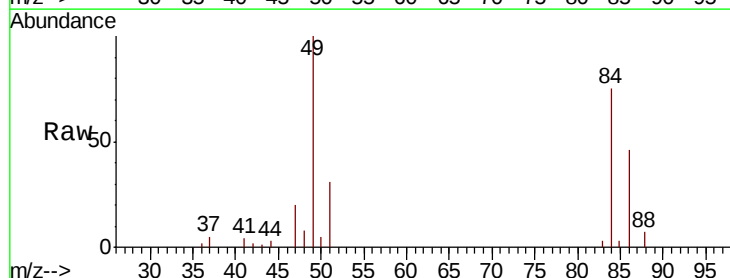
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

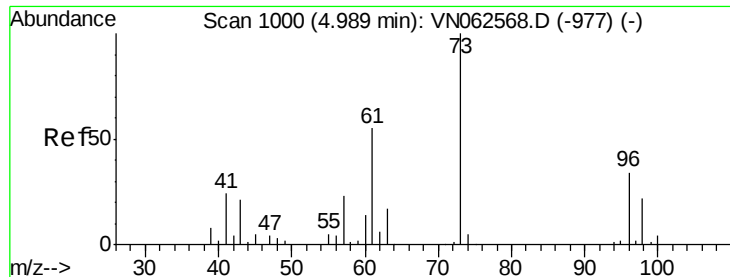
Tot Ion: 73 Resp: 118658
Ion Ratio Lower Upper
73 100
57 23.1 18.6 27.8



#20
Methylene Chloride
Concen: 17.076 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 84 Resp: 39671
Ion Ratio Lower Upper
84 100
49 133.8 109.4 164.0
51 42.1 33.6 50.4
86 61.8 51.4 77.2

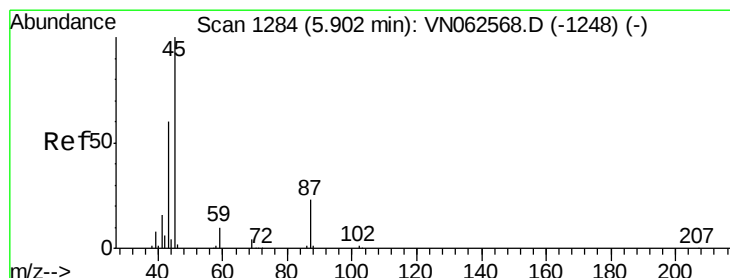
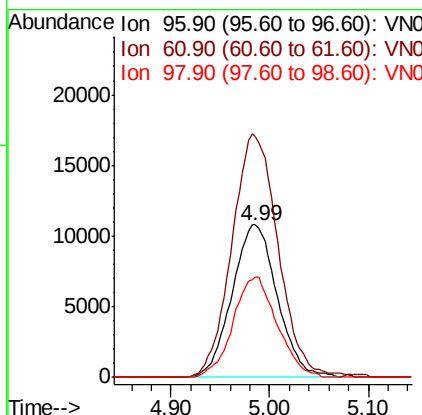
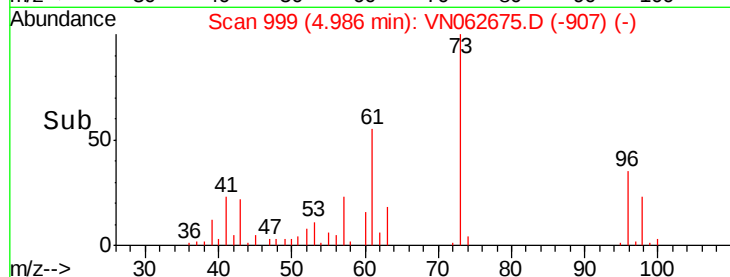
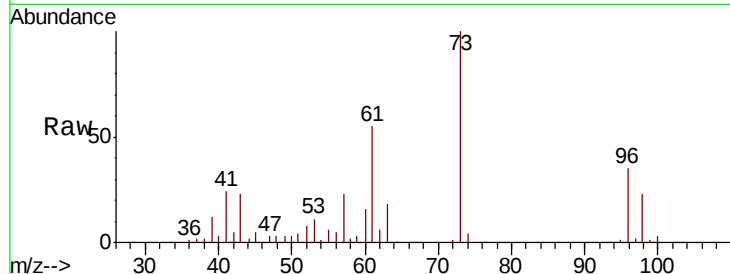




#21
trans-1,2-Dichloroethene
Concen: 17.452 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

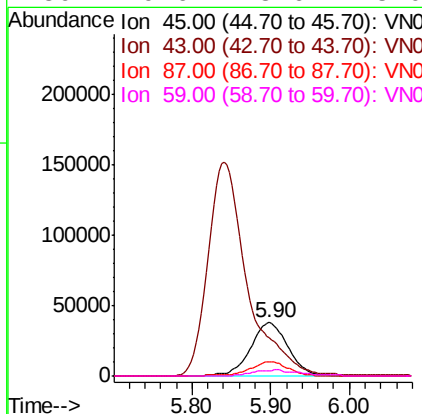
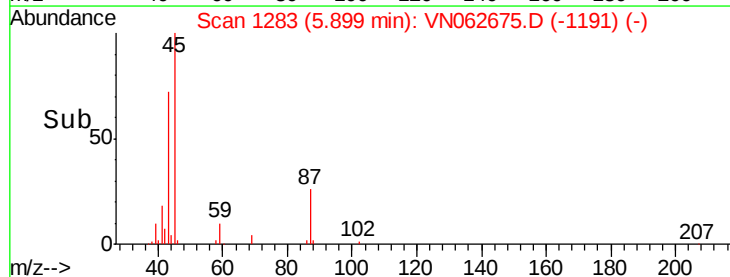
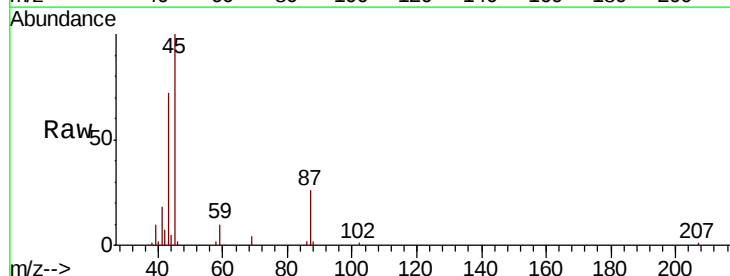
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

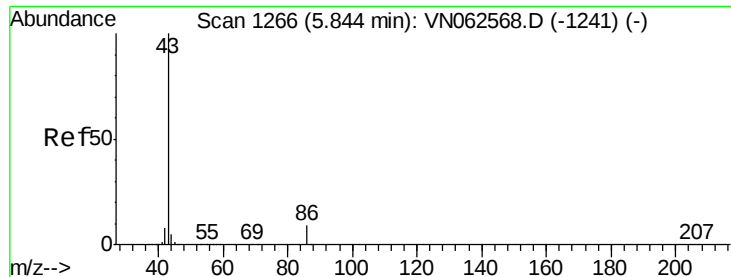
Tot Ion: 96 Resp: 34366
Ion Ratio Lower Upper
96 100
61 157.7 128.6 192.8
98 65.7 50.6 76.0



#22
Diisopropyl ether
Concen: 16.858 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 45 Resp: 128604
Ion Ratio Lower Upper
45 100
43 68.1 48.7 73.1
87 25.9 19.0 28.6
59 9.6 8.6 13.0





#23

Vinyl Acetate

Concen: 84.068 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

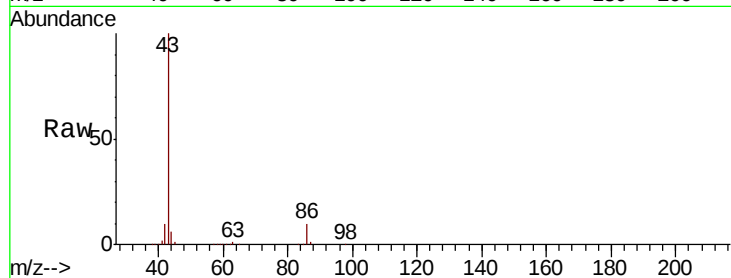
VN0731WBS01

Tot Ion: 43 Resp: 525496

Ion Ratio Lower Upper

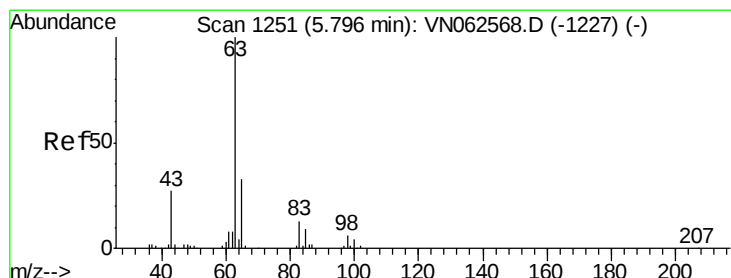
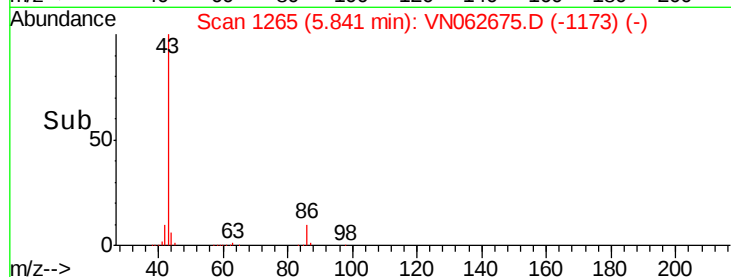
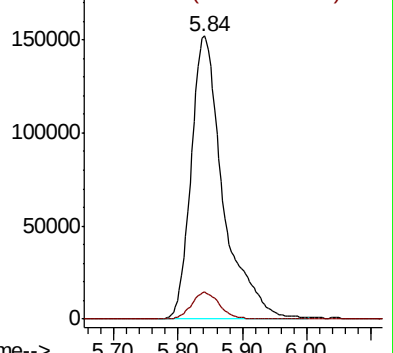
43 100

86 9.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 17.794 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

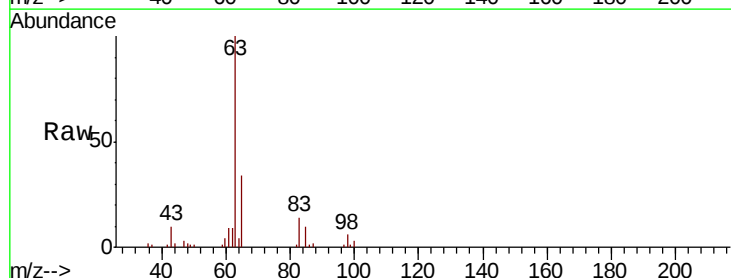
Tgt Ion: 63 Resp: 73100

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

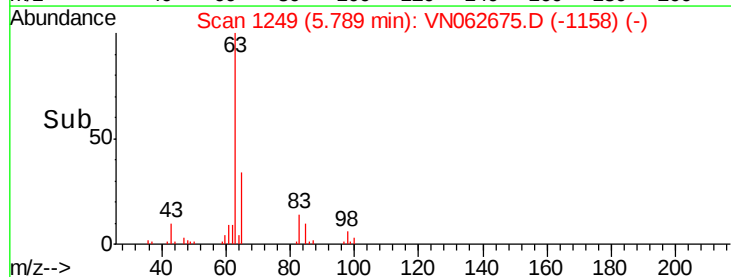
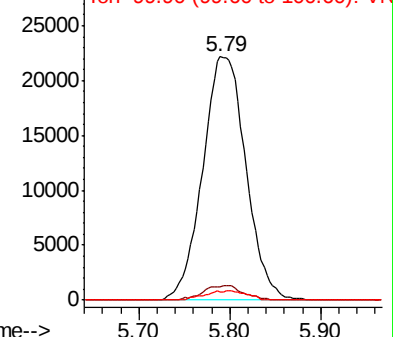
100 3.4 1.8 5.4

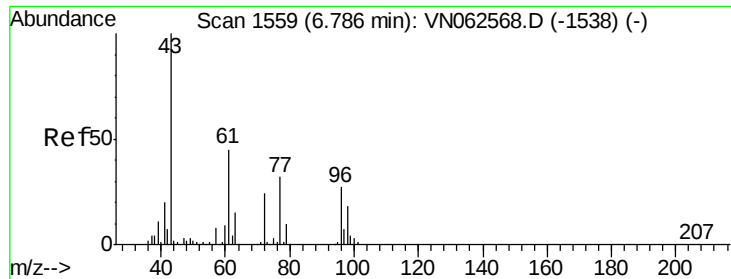


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

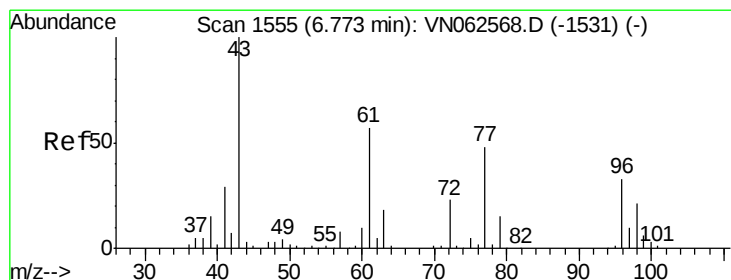
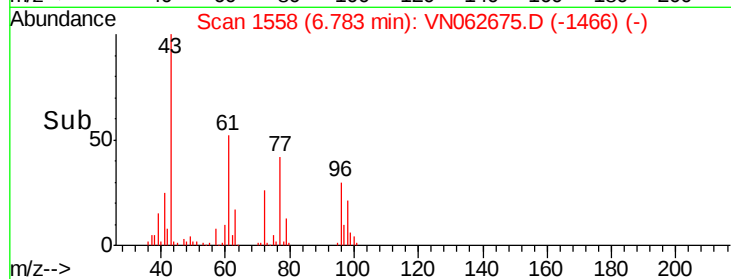
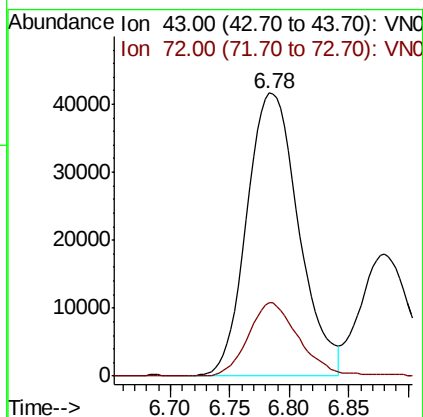
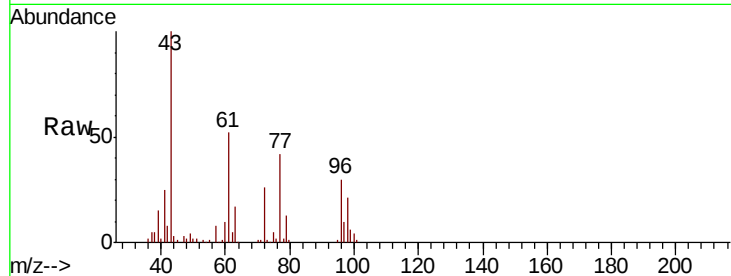




#25
 2-Butanone
 Concen: 85.636 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

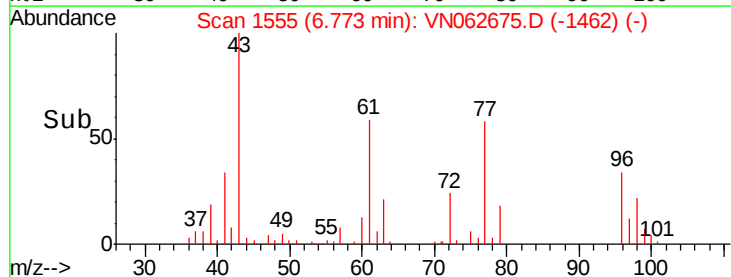
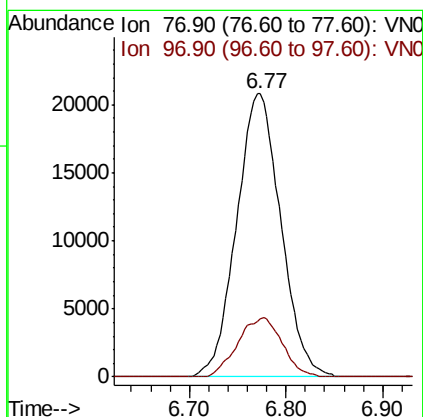
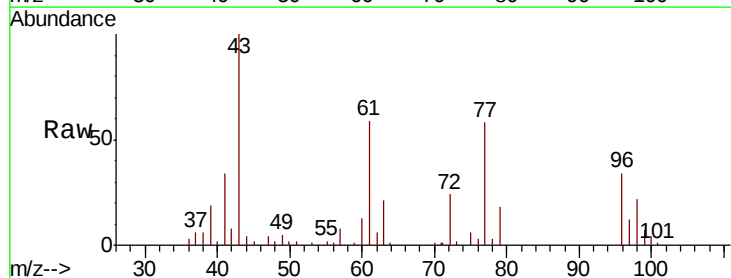
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

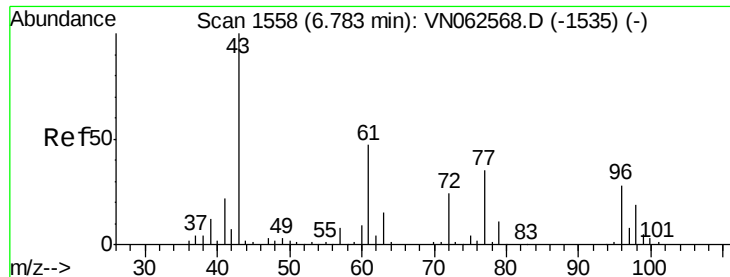
Tot Ion: 43 Resp: 126334
 Ion Ratio Lower Upper
 43 100
 72 26.0 19.0 28.6



#26
 2,2-Dichloropropane
 Concen: 19.588 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion: 77 Resp: 66056
 Ion Ratio Lower Upper
 77 100
 97 21.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 16.836 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

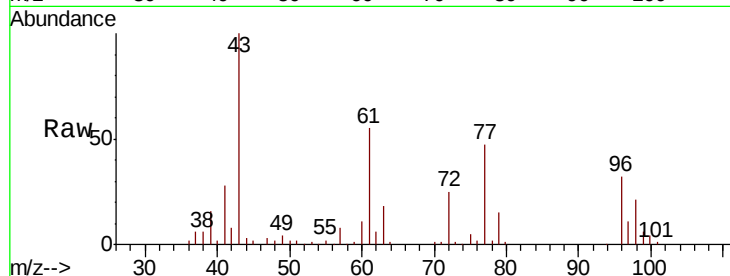
Tot Ion: 96 Resp: 37831

Ion Ratio Lower Upper

96 100

61 174.7 0.0 332.4

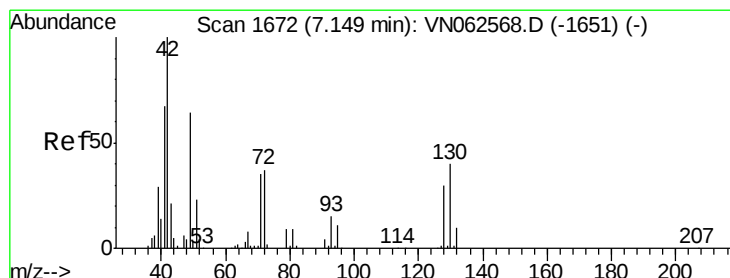
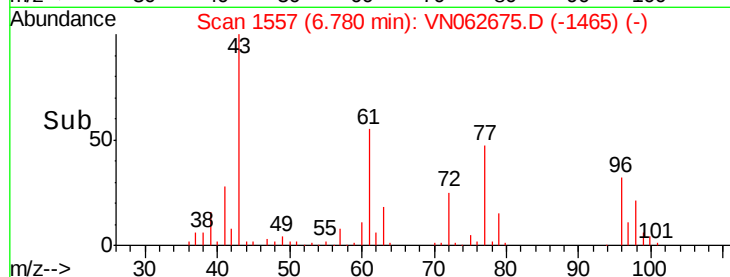
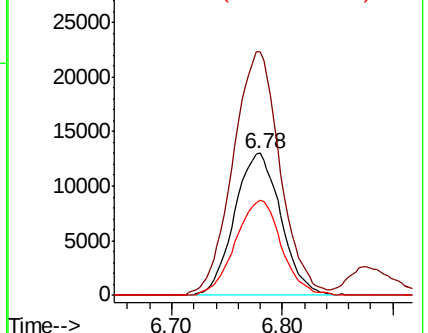
98 66.4 0.0 127.4



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: 17.303 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

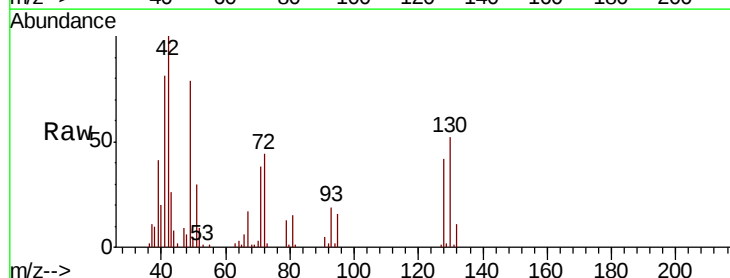
Tgt Ion: 49 Resp: 34981

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.4

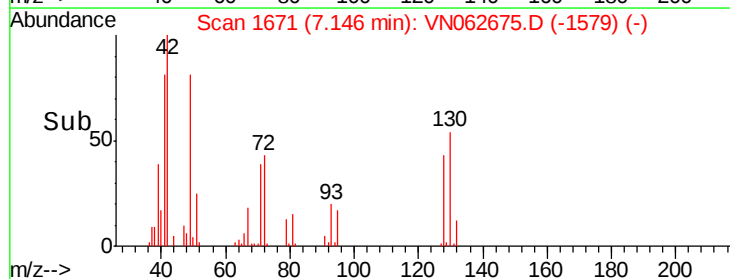
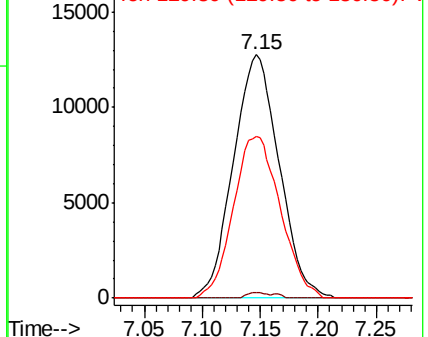
130 68.1 49.8 74.8

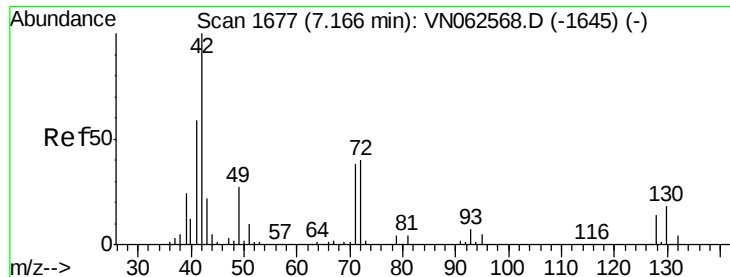


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 80.713 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

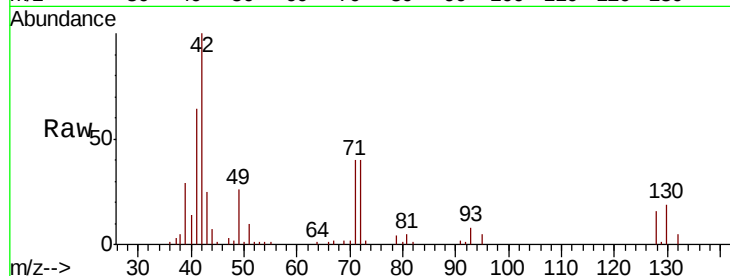
Tot Ion: 42 Resp: 80571

Ion Ratio Lower Upper

42 100

72 40.9 30.7 46.1

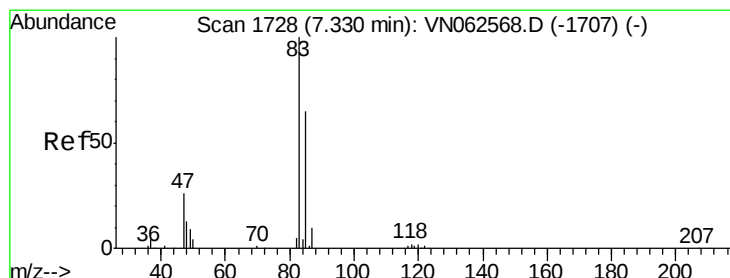
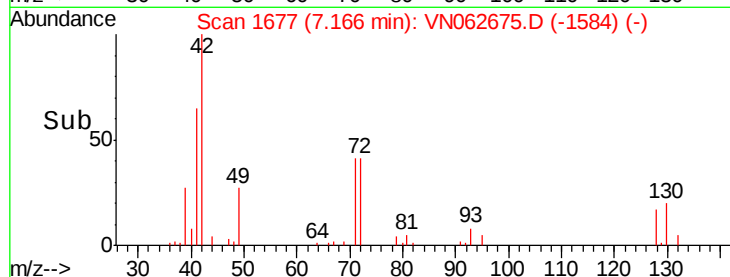
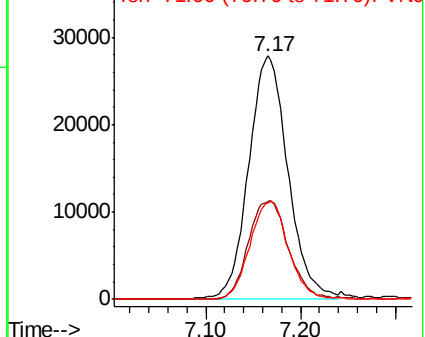
71 39.2 29.1 43.7



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: 18.825 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062675.D

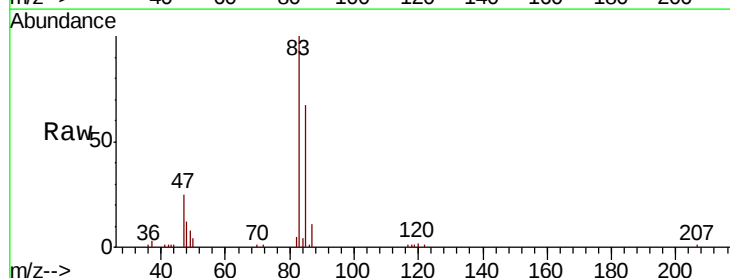
Acq: 31 Jul 2020 10:55

Tgt Ion: 83 Resp: 73529

Ion Ratio Lower Upper

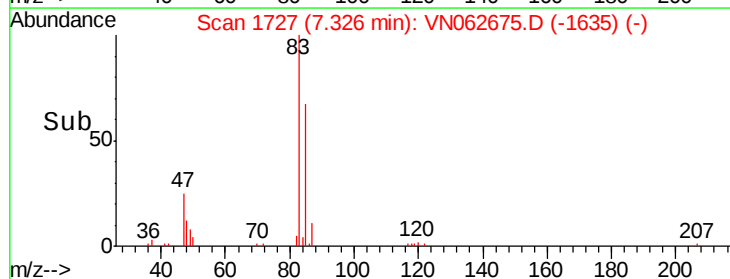
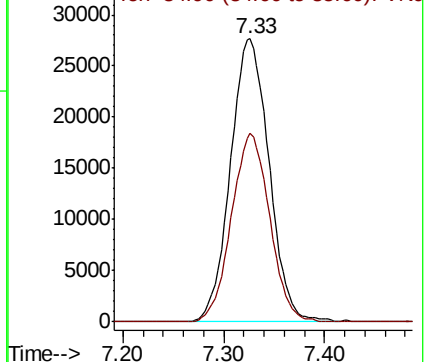
83 100

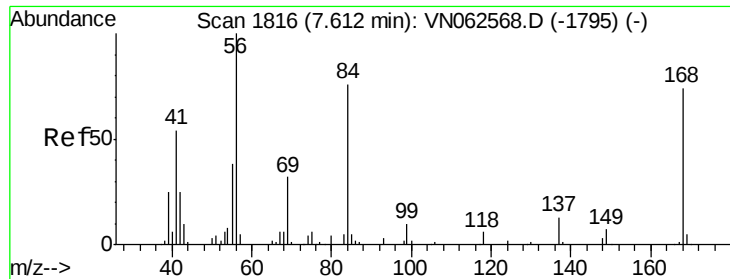
85 66.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

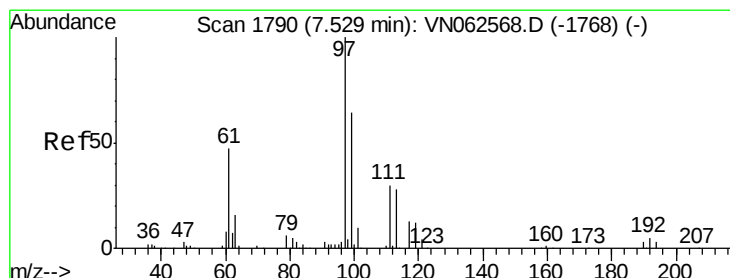
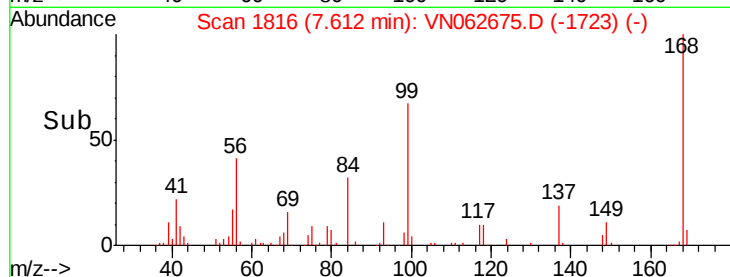
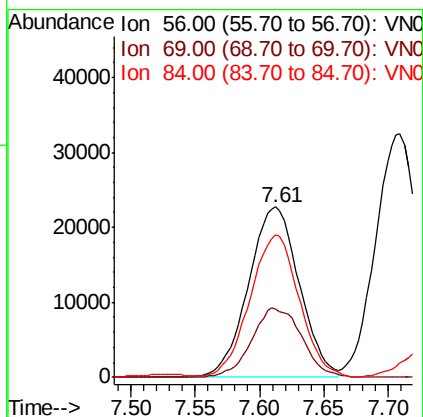
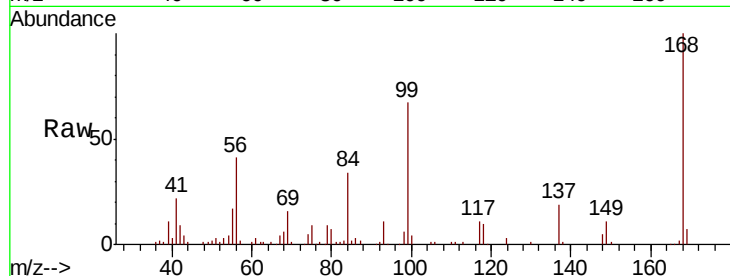




#31
Cyclohexane
Concen: 16.426 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

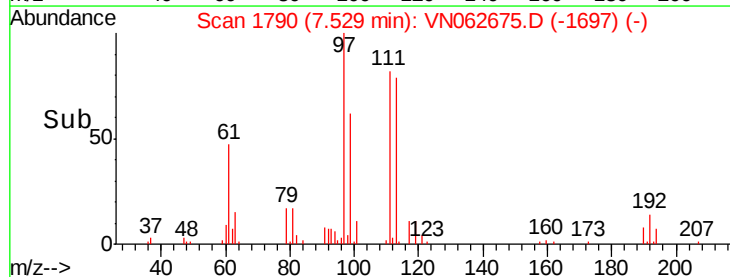
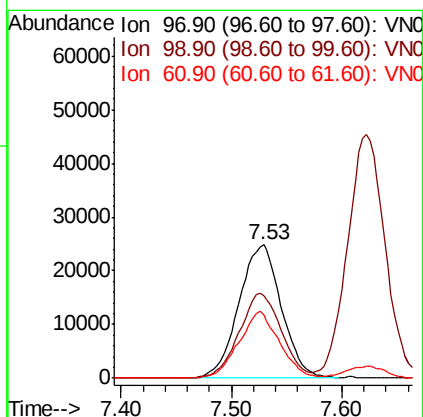
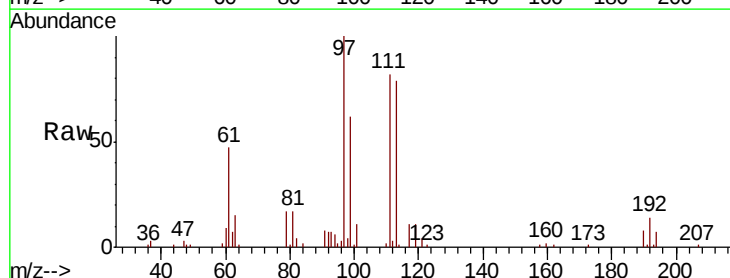
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

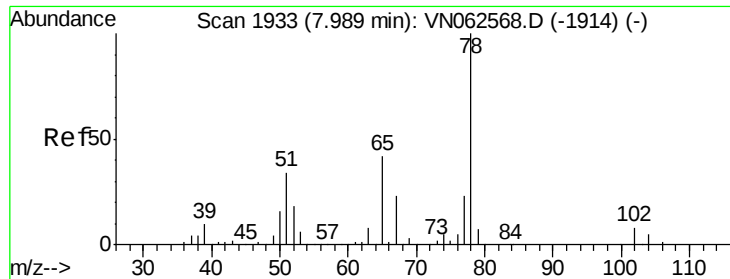
Tot Ion: 56 Resp: 62304
Ion Ratio Lower Upper
56 100
69 39.8 25.3 37.9#
84 82.7 61.0 91.4



#32
1,1,1-Trichloroethane
Concen: 20.379 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 97 Resp: 66458
Ion Ratio Lower Upper
97 100
99 62.7 51.2 76.8
61 47.4 38.4 57.6

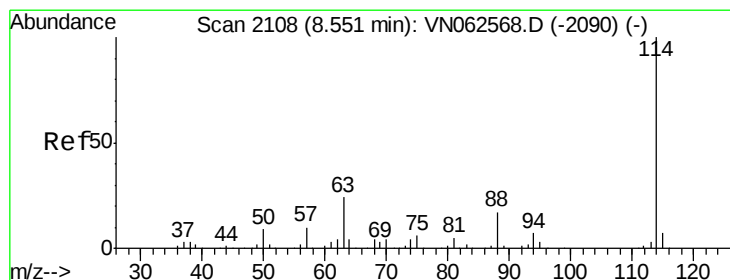
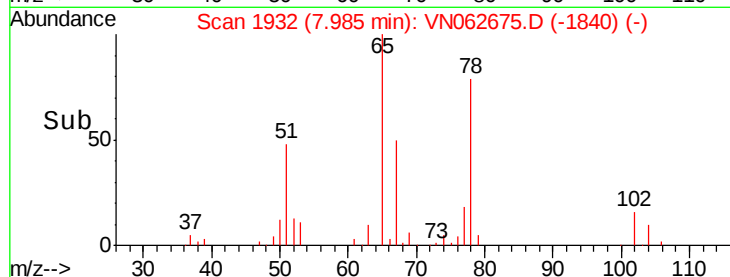
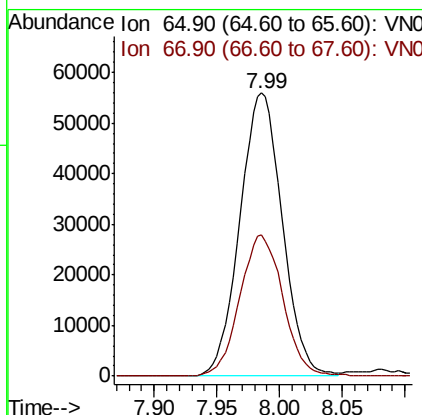
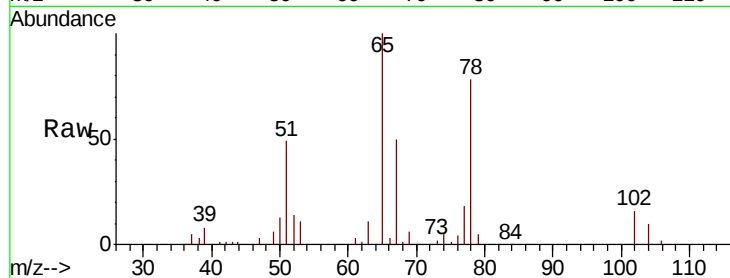




#33
 1,2-Dichloroethane-d4
 Concen: 51.146 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

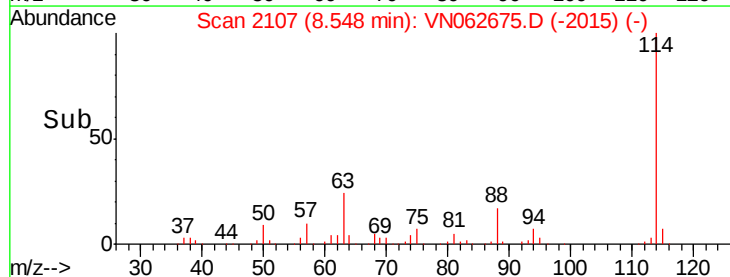
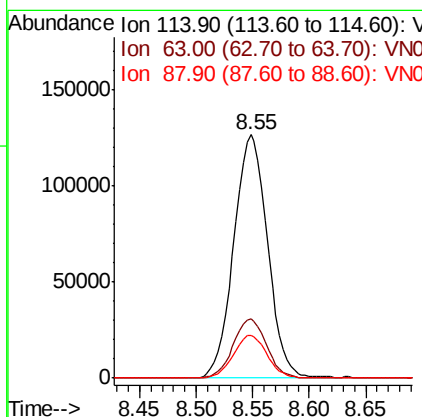
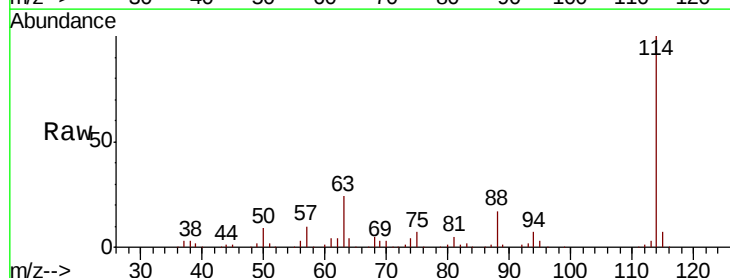
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

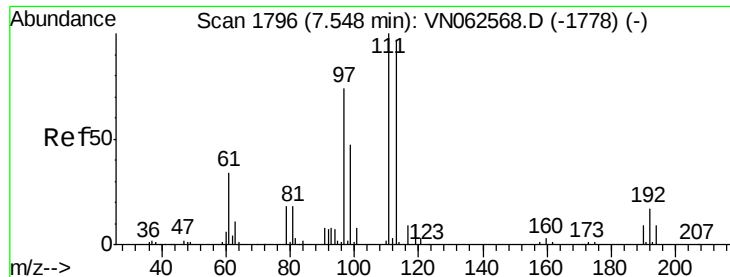
Tot Ion: 65 Resp: 131657
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion: 114 Resp: 263876
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.4
 88 17.4 0.0 33.8

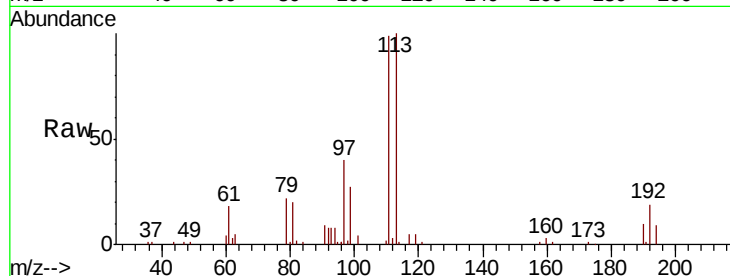




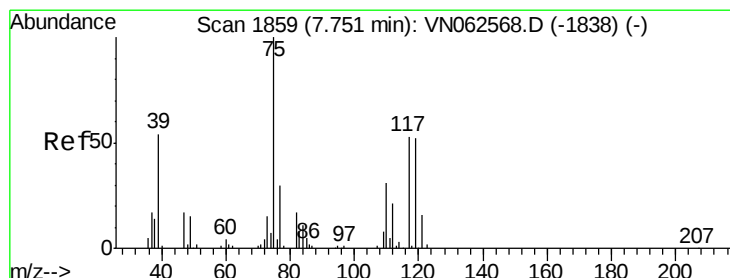
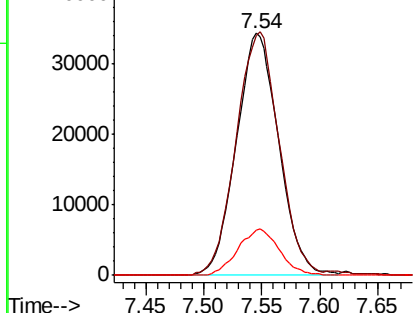
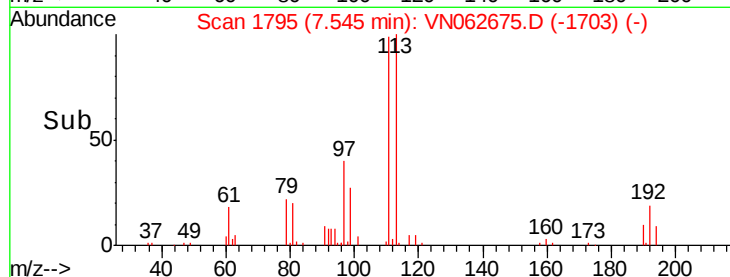
#35
 Dibromofluoromethane
 Concen: 50.186 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion:113 Resp: 86987
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.7 124.1
 192 18.6 14.8 22.2

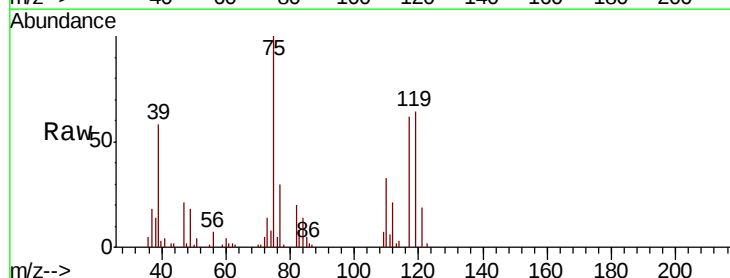


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

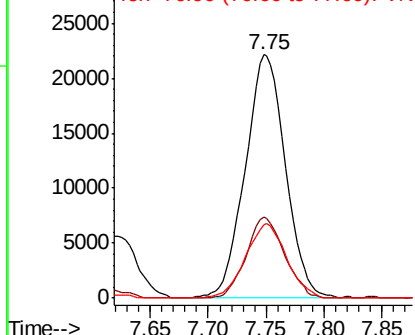
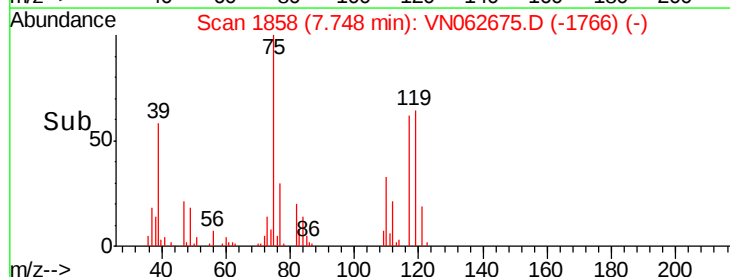


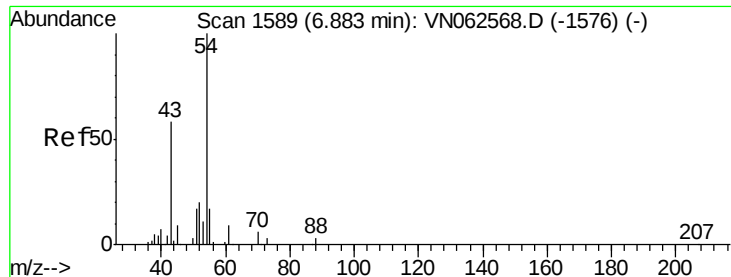
#36
 1,1-Dichloropropene
 Concen: 19.018 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion: 75 Resp: 53492
 Ion Ratio Lower Upper
 75 100
 110 31.6 16.0 48.0
 77 31.1 24.6 36.8



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

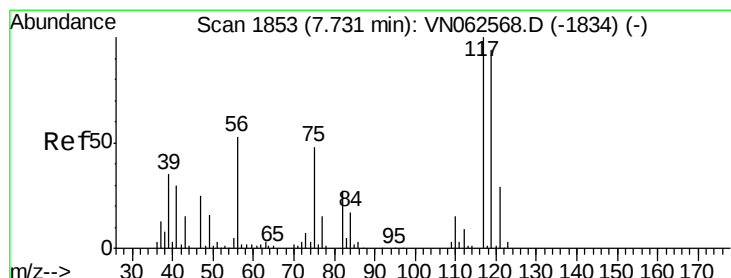
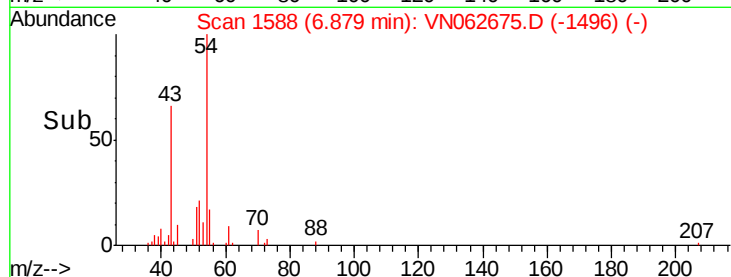
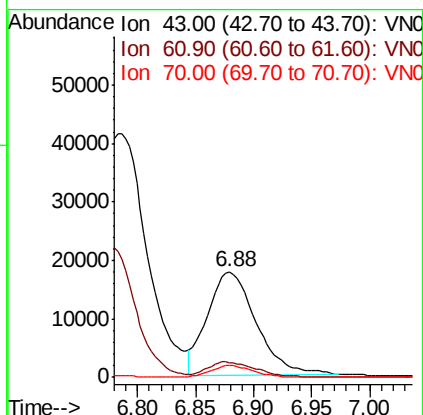
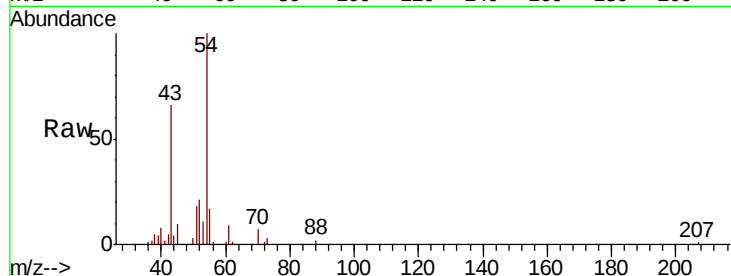




#37
Ethyl Acetate
Concen: 17.310 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

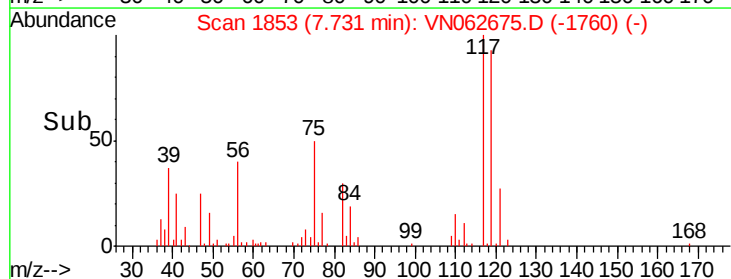
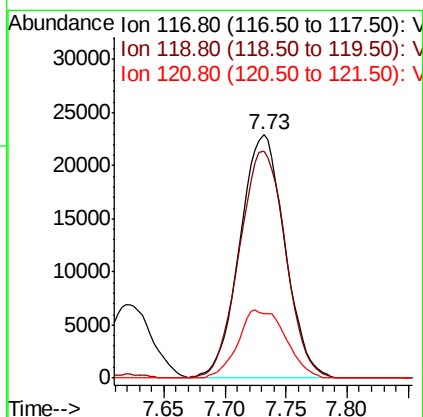
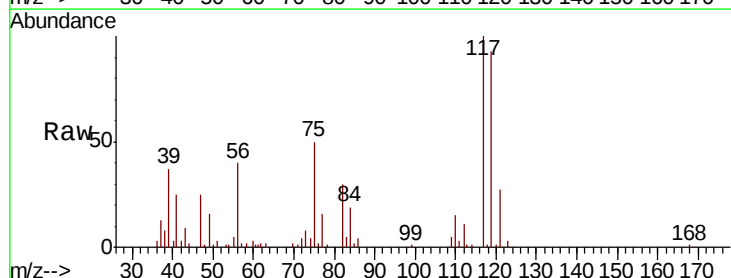
Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

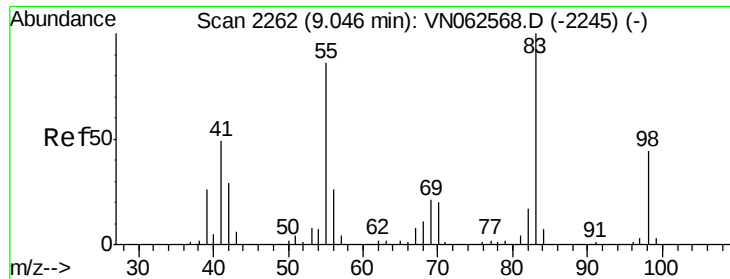
Tot Ion: 43 Resp: 52482
Ion Ratio Lower Upper
43 100
61 14.7 11.3 16.9
70 9.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.624 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 117 Resp: 58463
Ion Ratio Lower Upper
117 100
119 93.4 74.8 112.2
121 26.7 23.0 34.6

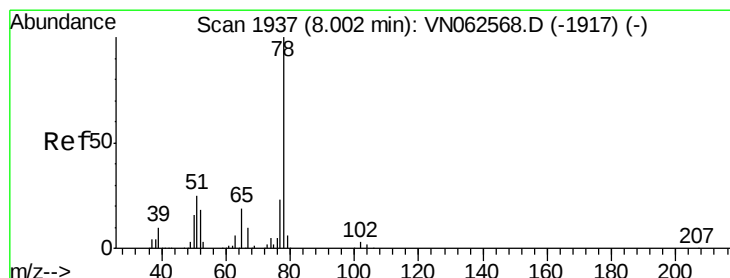
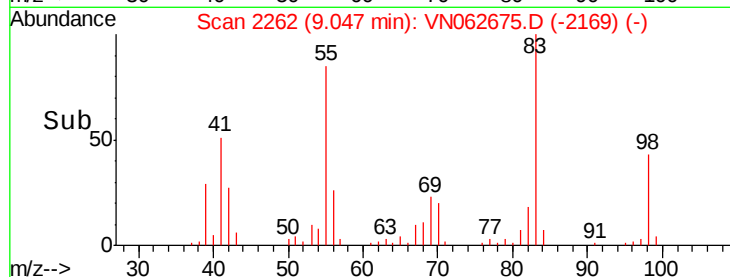
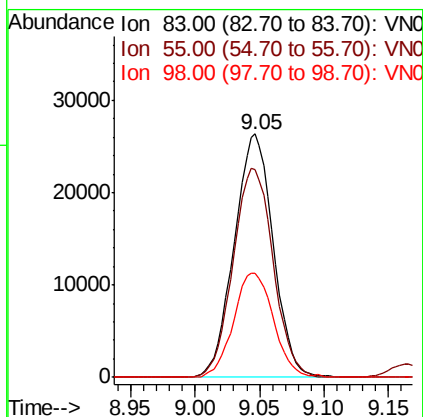
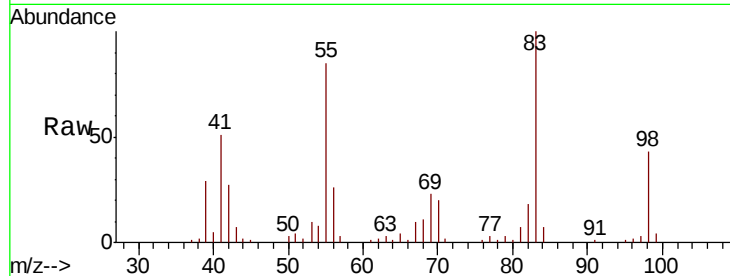




#39
Methvlcvclohexane
Concen: 18.290 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

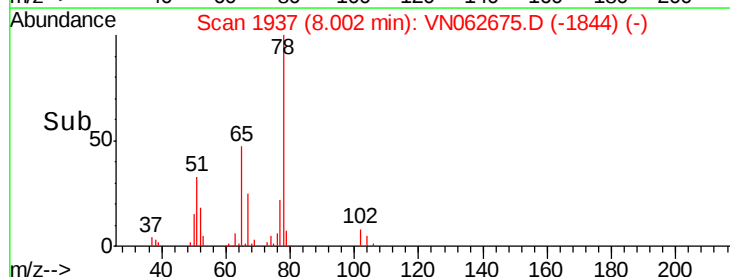
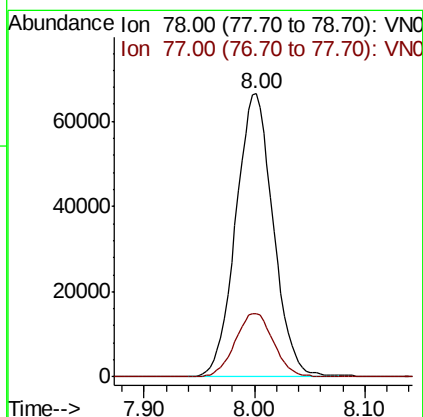
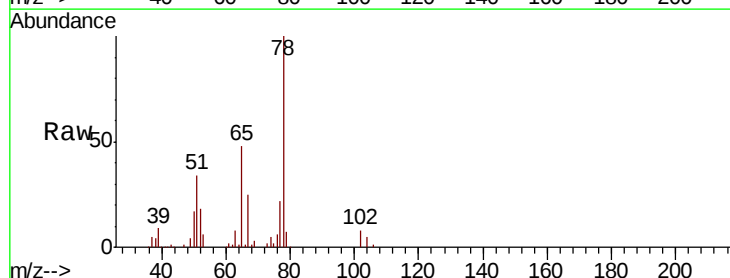
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

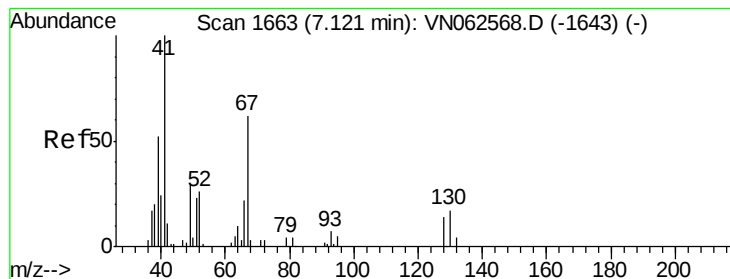
Tot Ion: 83 Resp: 55377
Ion Ratio Lower Upper
83 100
55 85.2 68.9 103.3
98 42.6 35.1 52.7



#40
Benzene
Concen: 18.335 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 78 Resp: 156123
Ion Ratio Lower Upper
78 100
77 22.3 18.7 28.1





#41

Methacrylonitrile

Concen: 15.528 ug/l

RT: 7.12 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

Tot Ion: 41 Resp: 20177

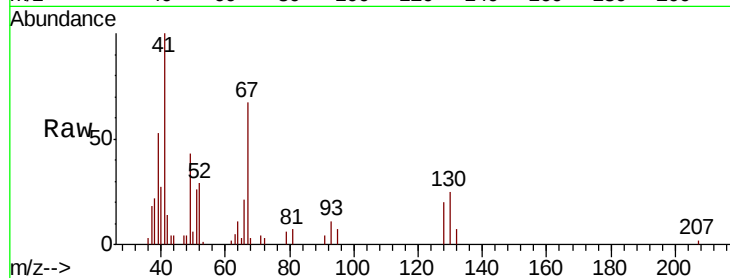
Ion Ratio Lower Upper

41 100

39 71.5 55.8 83.6

67 100.2 72.5 108.7

52 43.7 31.8 47.8

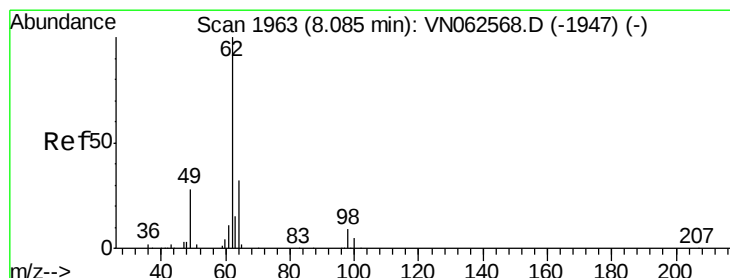
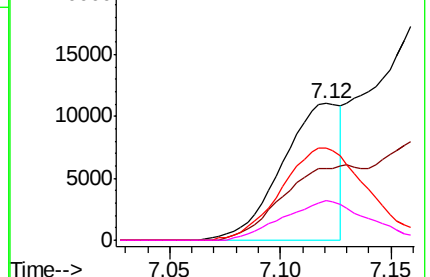
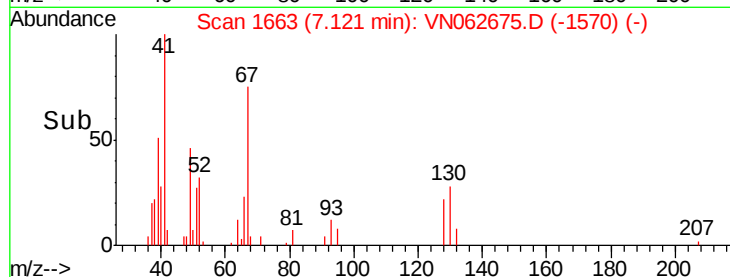


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 20.761 ug/l

RT: 8.08 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VN062675.D

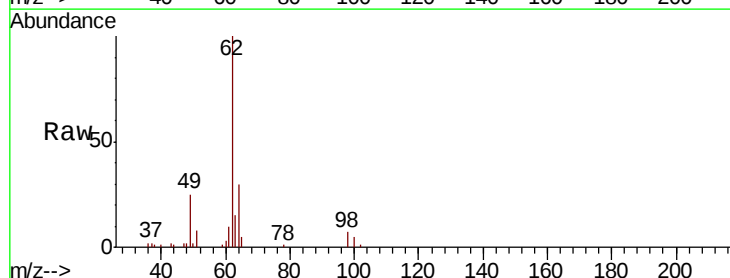
Acq: 31 Jul 2020 10:55

Tgt Ion: 62 Resp: 64630

Ion Ratio Lower Upper

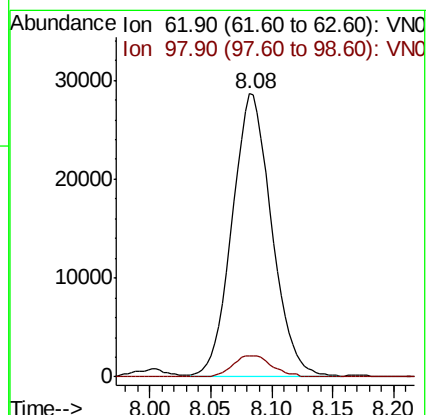
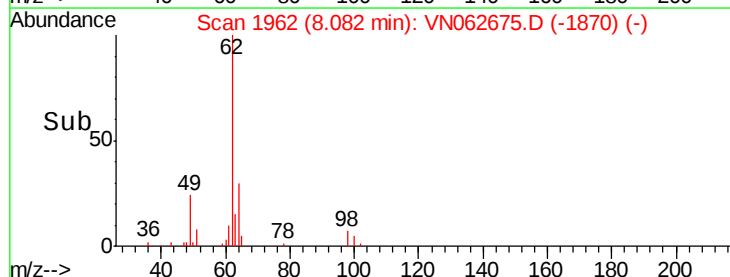
62 100

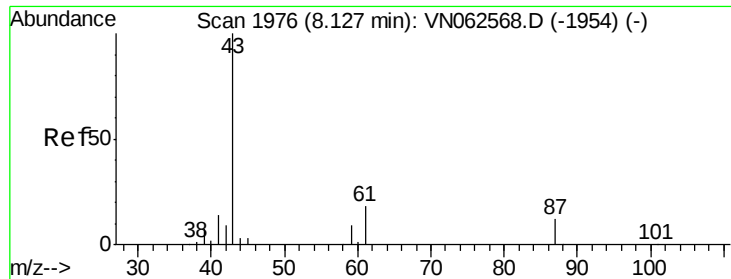
98 7.4 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.689 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

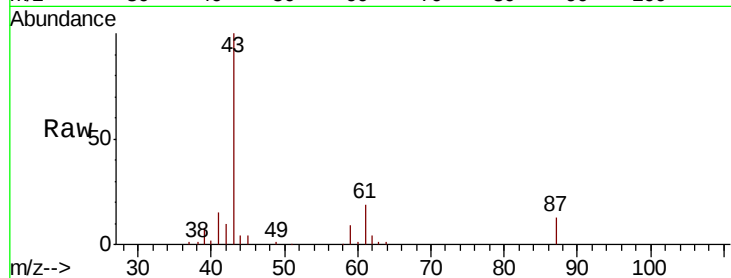
Tot Ion: 43 Resp: 86456

Ion Ratio Lower Upper

43 100

61 19.8 20.8 31.2#

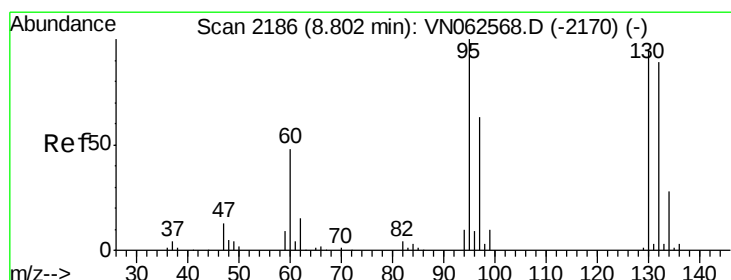
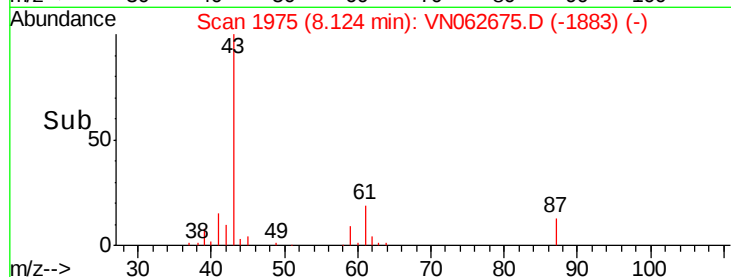
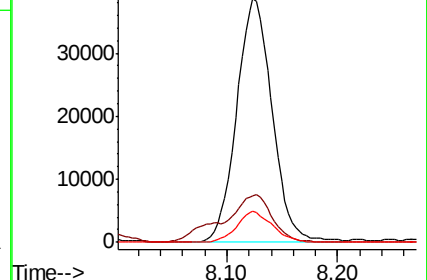
87 12.6 9.2 13.8



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

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

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



#44

Trichloroethene

Concen: 19.320 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062675.D

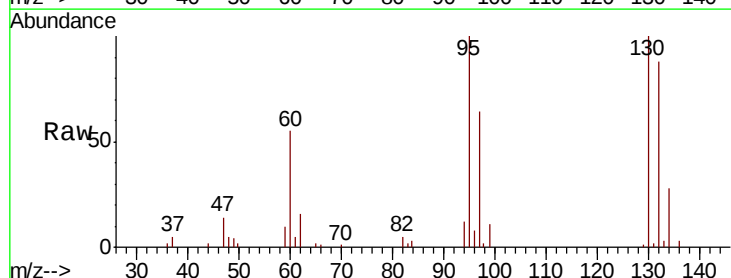
Acq: 31 Jul 2020 10:55

Tgt Ion:130 Resp: 37099

Ion Ratio Lower Upper

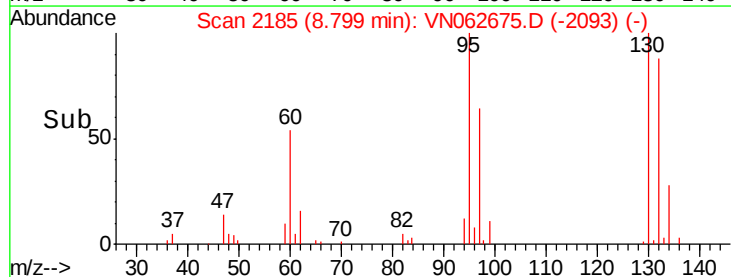
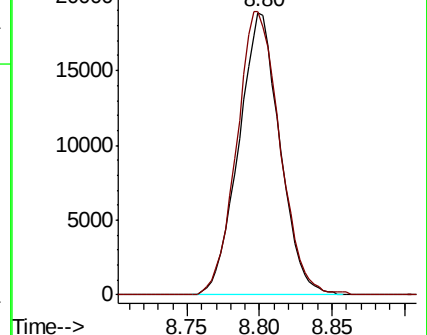
130 100

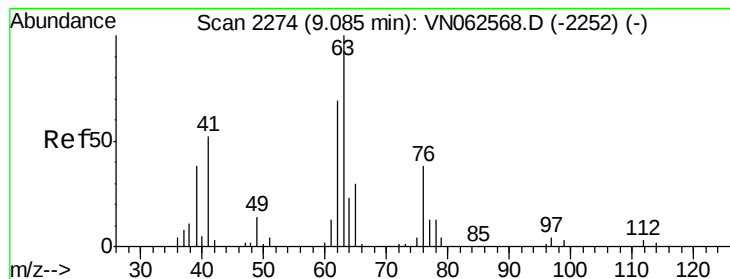
95 100.0 0.0 210.4



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

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





#45

1,2-Dichloropropane

Concen: 18.150 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

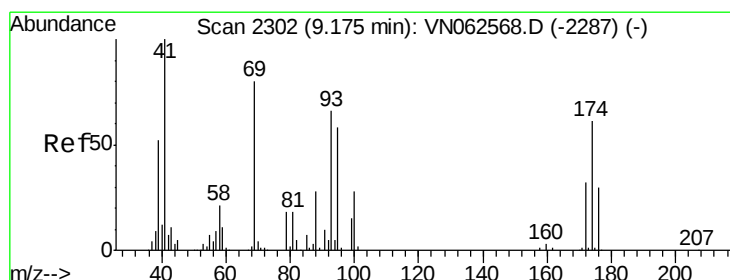
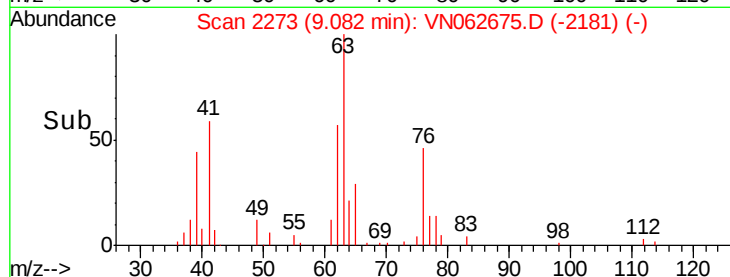
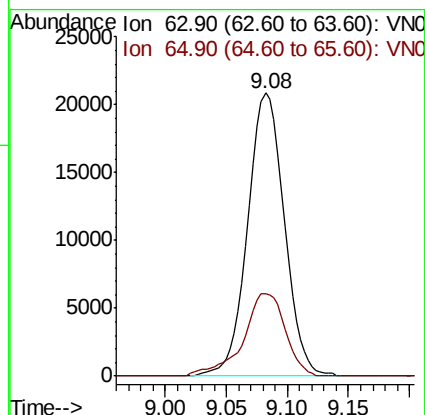
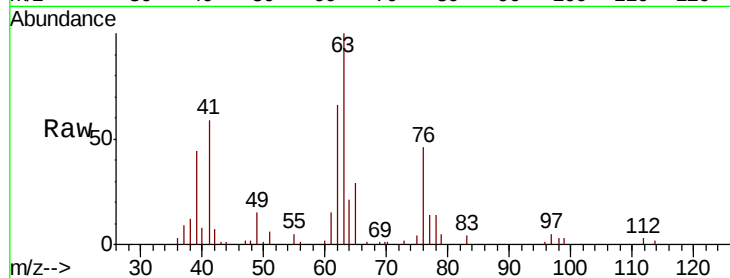
VN0731WBS01

Tot Ion: 63 Resp: 43393

Ion Ratio Lower Upper

63 100

65 29.3 24.4 36.6



#46

Dibromomethane

Concen: 19.728 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

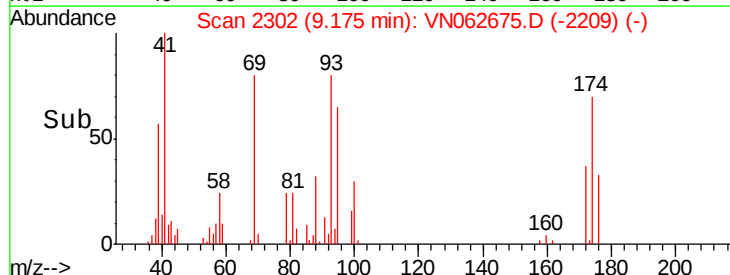
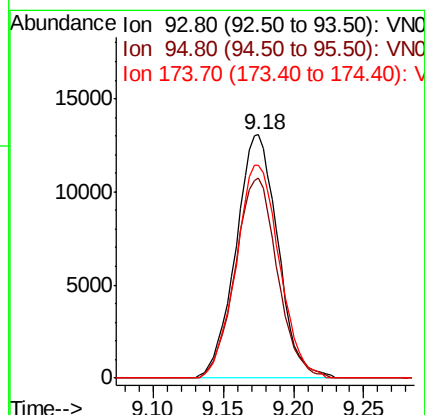
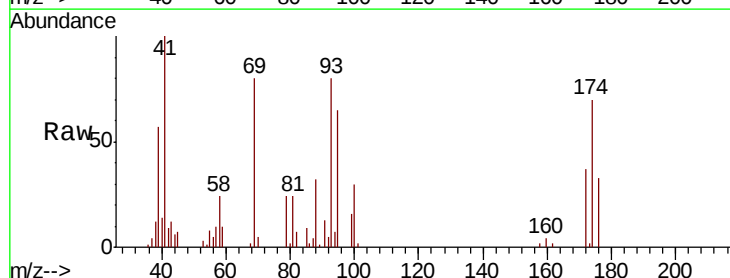
Tgt Ion: 93 Resp: 27260

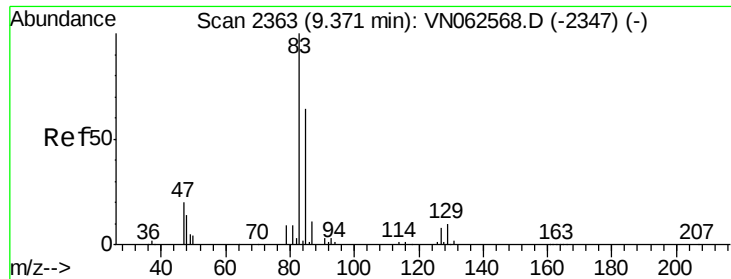
Ion Ratio Lower Upper

93 100

95 82.4 67.6 101.4

174 90.1 72.5 108.7





#47

Bromodichloromethane

Concen: 19.790 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

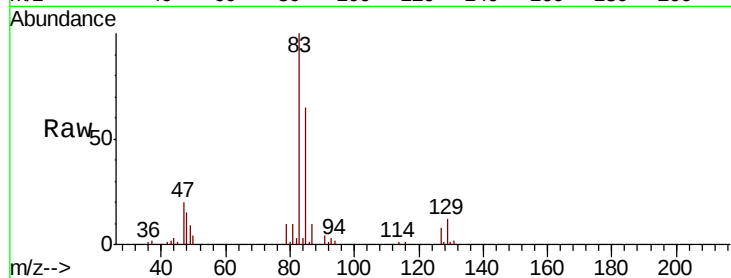
Tot Ion: 83 Resp: 59245

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

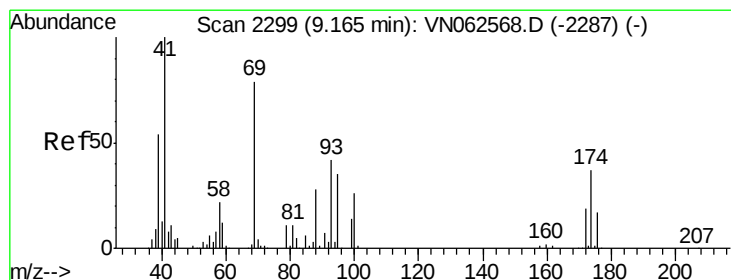
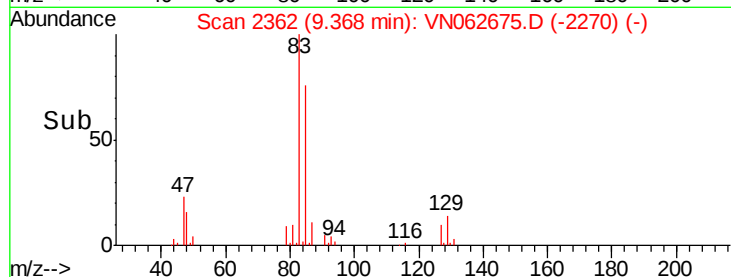
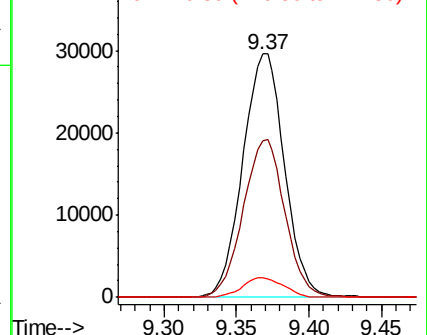
127 8.2 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062568.D (-2347) (-)



#48

Methyl methacrylate

Concen: 17.635 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

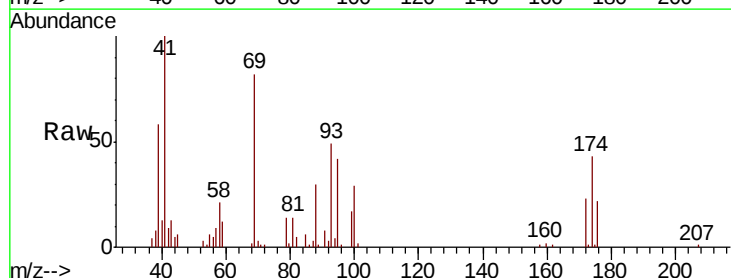
Tgt Ion: 41 Resp: 40973

Ion Ratio Lower Upper

41 100

69 82.6 64.4 96.6

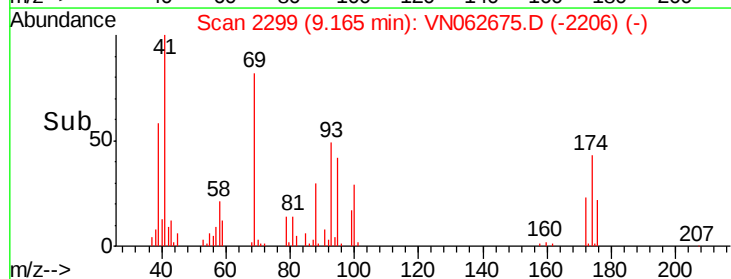
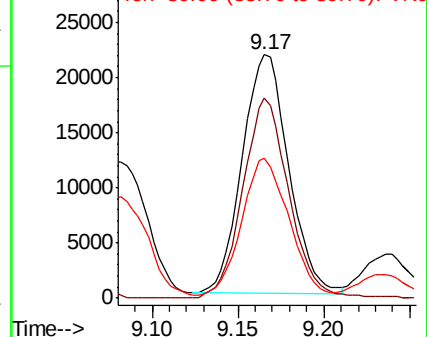
39 58.2 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062568.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062568.D (-2287) (-)

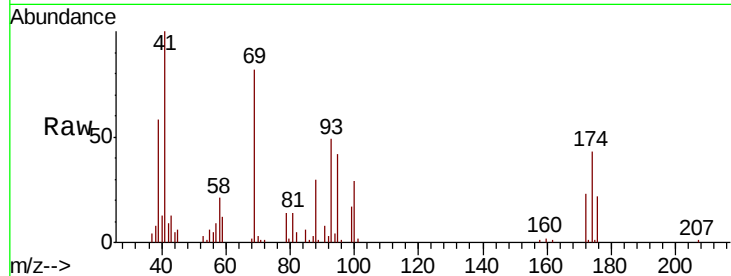




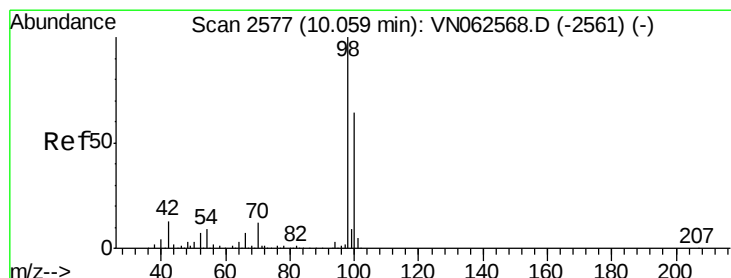
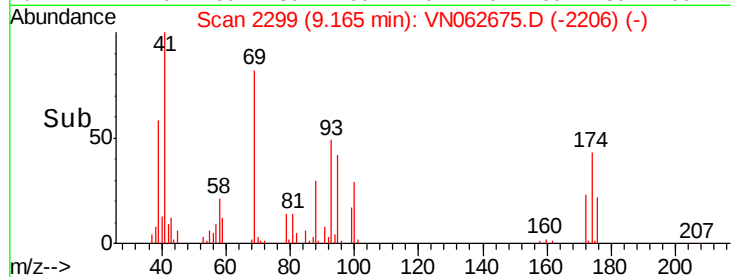
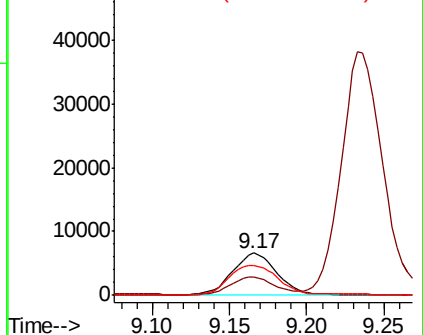
#49
1,4-Dioxane
Concen: 375.034 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion: 88 Resp: 13383
Ion Ratio Lower Upper
88 100
43 43.7 32.0 48.0
58 76.6 62.8 94.2

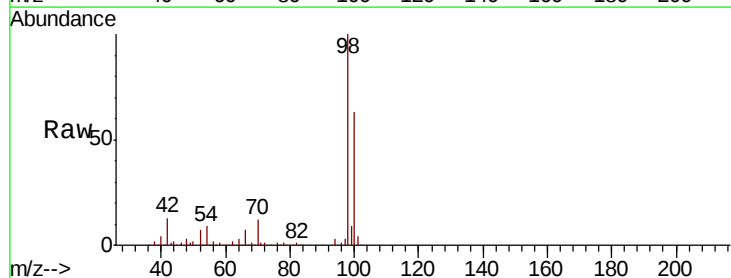


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

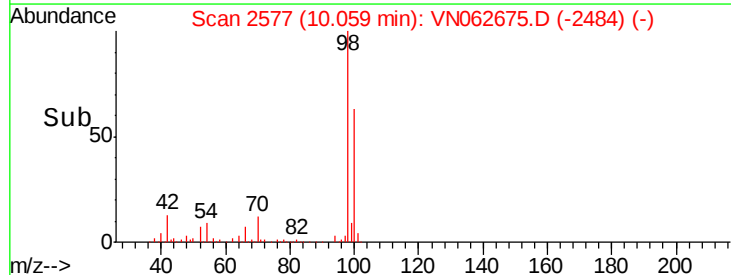
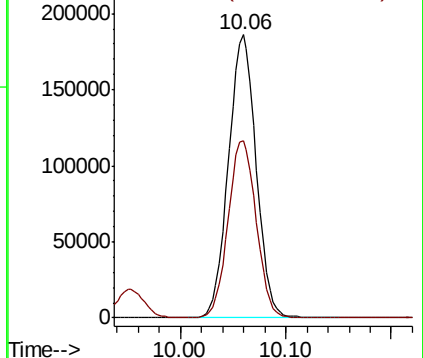


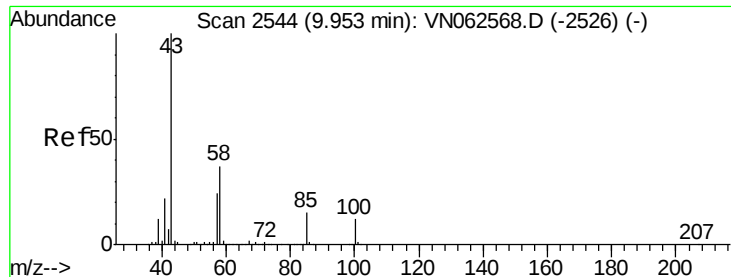
#50
Toluene-d8
Concen: 48.843 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 98 Resp: 337786
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



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

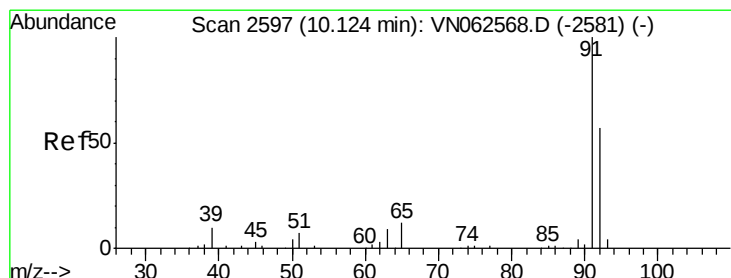
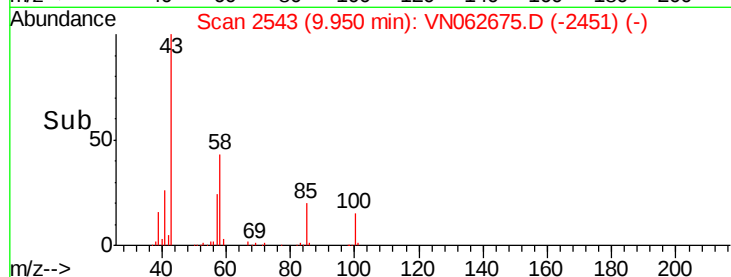
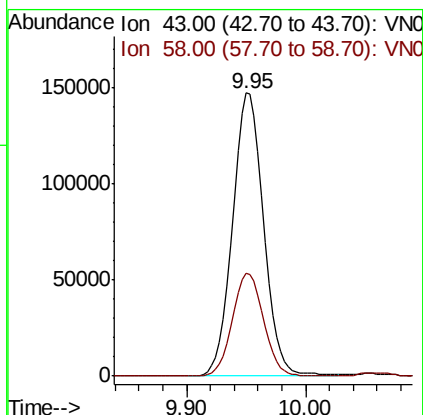
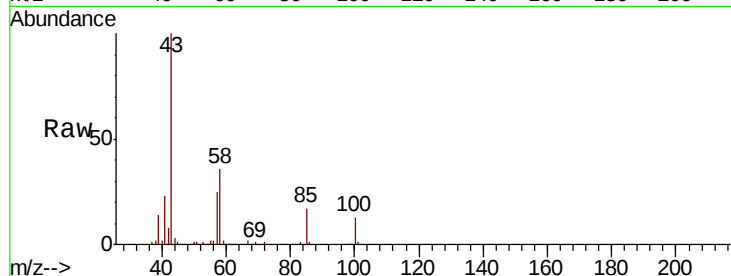




#51
4-Methyl-2-Pentanone
Concen: 91.224 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

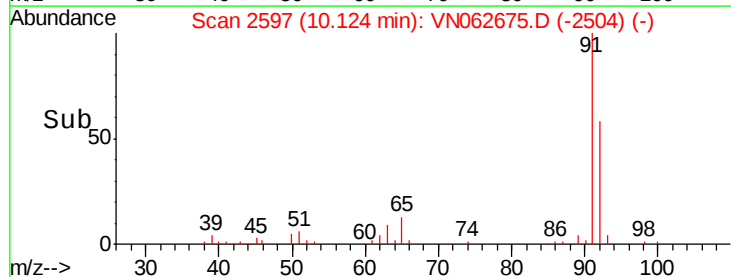
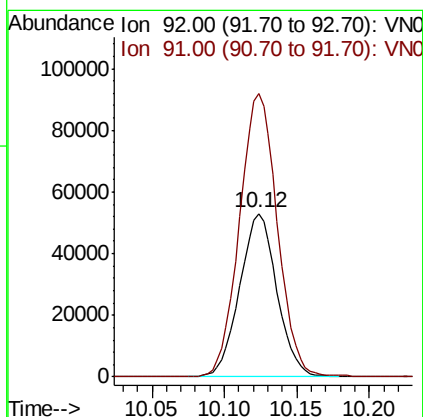
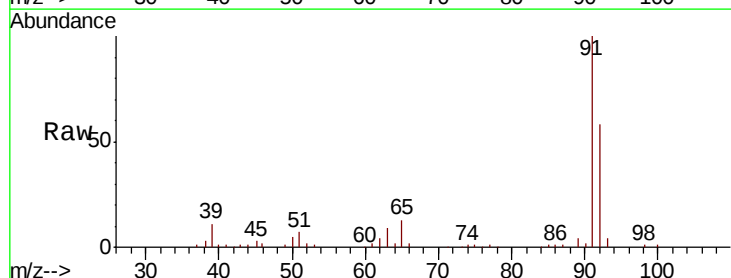
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

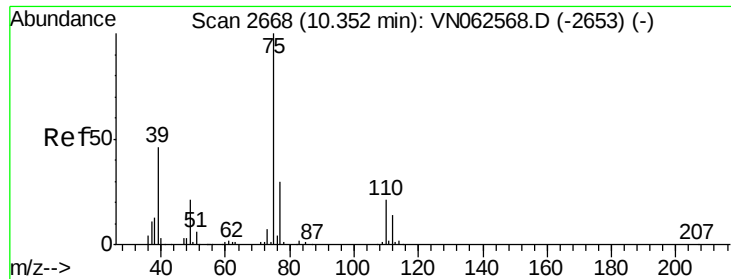
Tot Ion: 43 Resp: 266779
Ion Ratio Lower Upper
43 100
58 36.4 29.8 44.6



#52
Toluene
Concen: 19.124 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 92 Resp: 94559
Ion Ratio Lower Upper
92 100
91 176.8 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 19.464 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

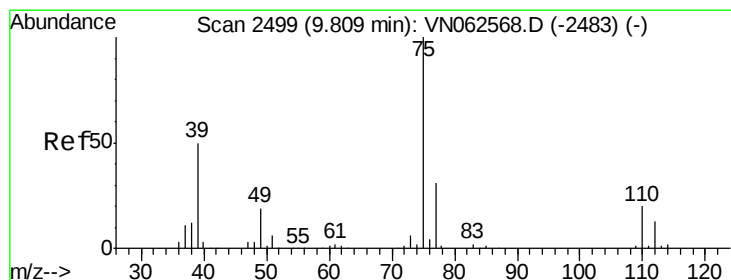
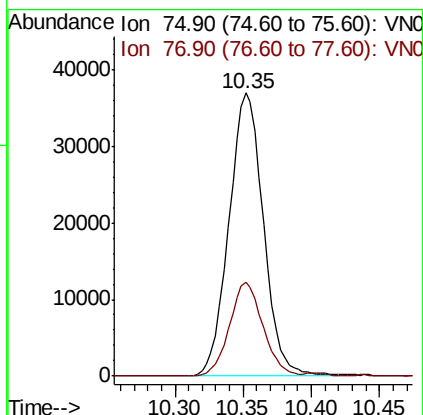
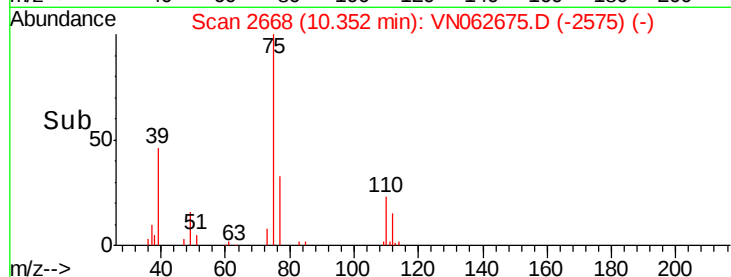
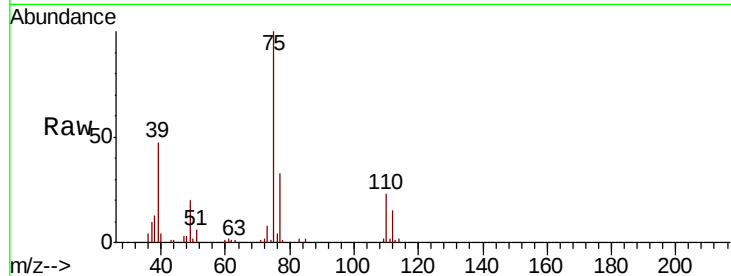
VN0731WBS01

Tot Ion: 75 Resp: 64867

Ion Ratio Lower Upper

75 100

77 33.1 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 19.368 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

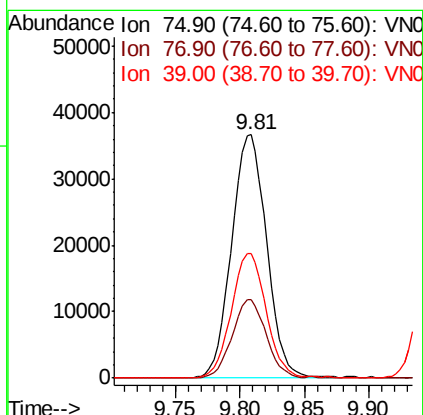
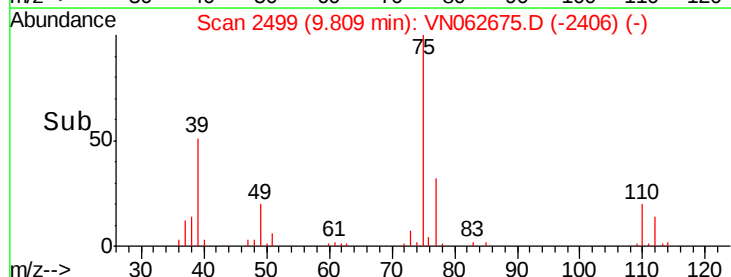
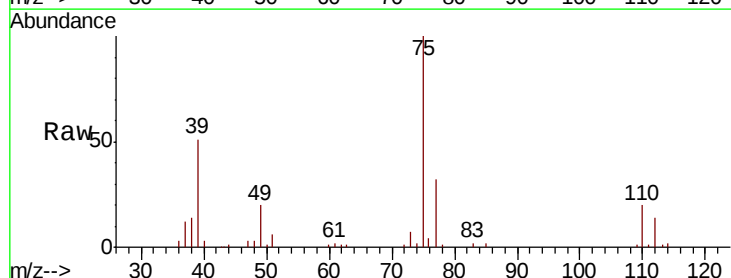
Tgt Ion: 75 Resp: 69260

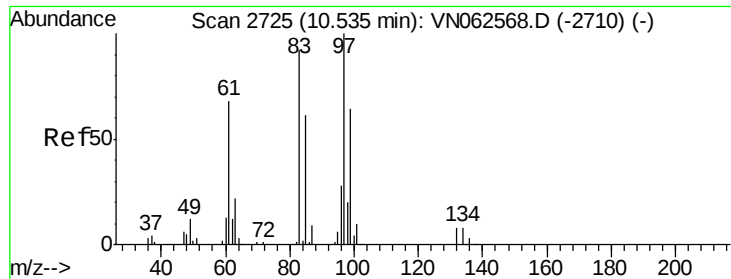
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

39 51.1 39.8 59.8

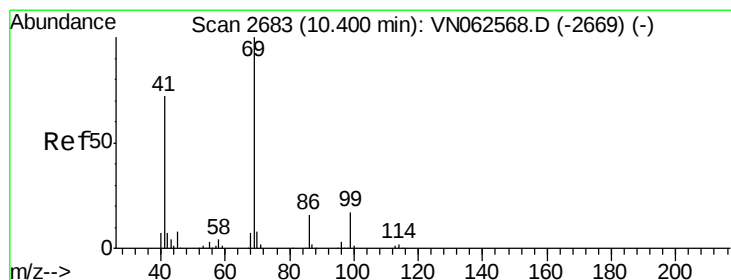
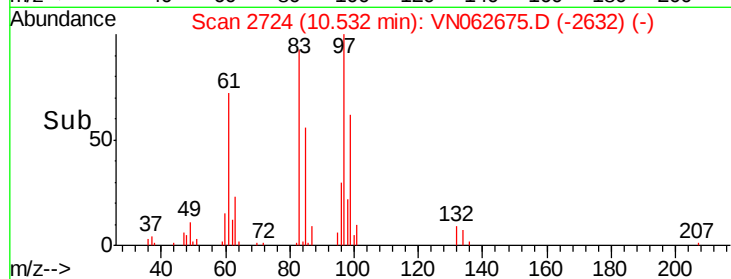
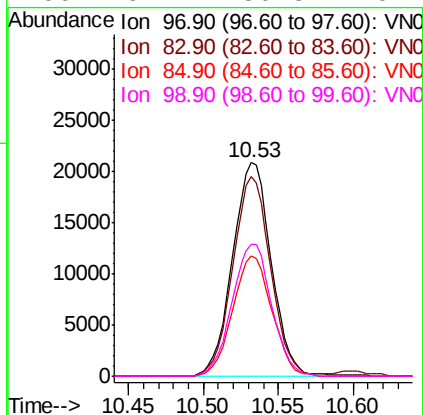
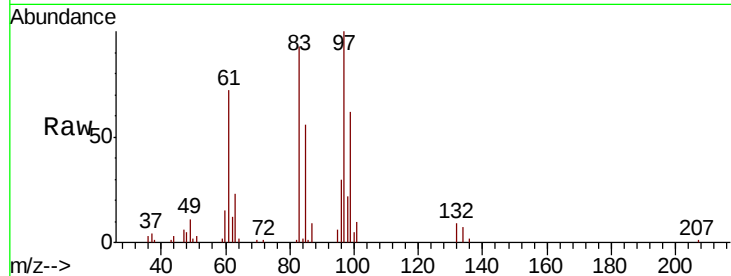




#55
 1,1,2-Trichloroethane
 Concen: 19.630 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

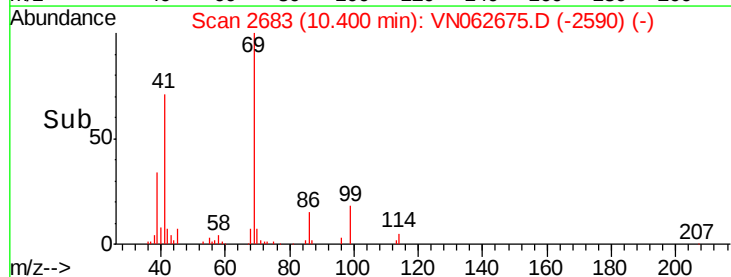
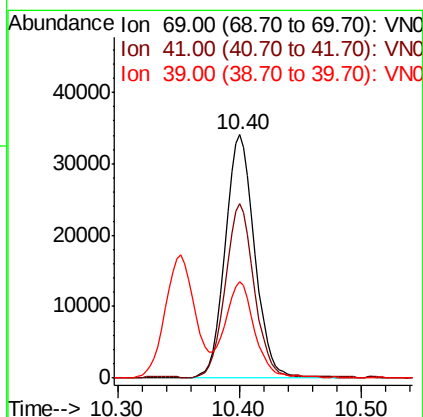
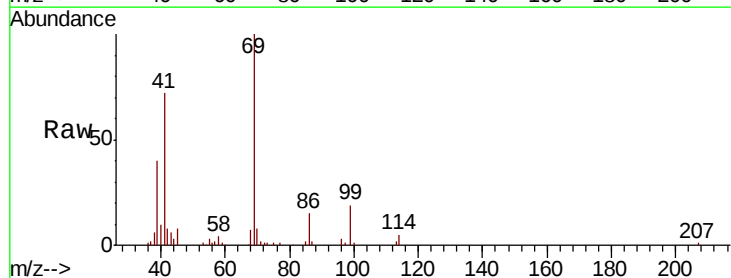
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

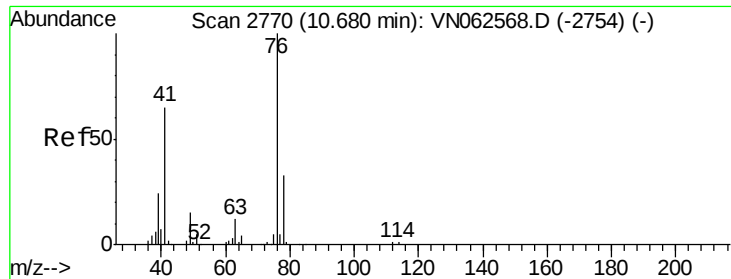
Tot Ion:	97	Resp:	37649
Ion	Ratio	Lower	Upper
97	100		
83	93.3	73.7	110.5
85	56.3	48.5	72.7
99	61.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 17.909 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion:	69	Resp:	57622
Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.2	85.8
39	39.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.848 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

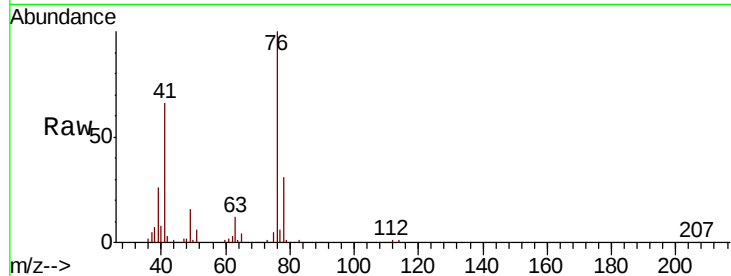
VN0731WBS01

Tot Ion: 76 Resp: 66226

Ion Ratio Lower Upper

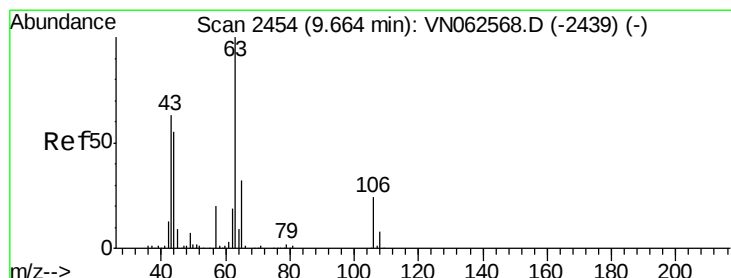
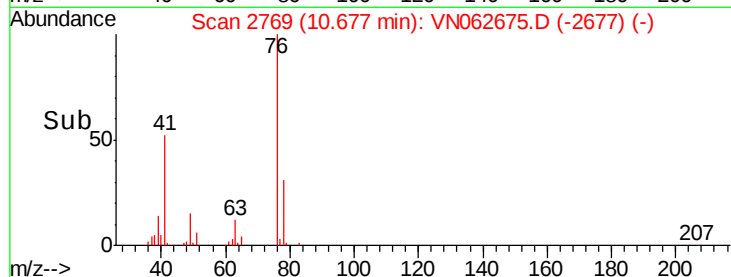
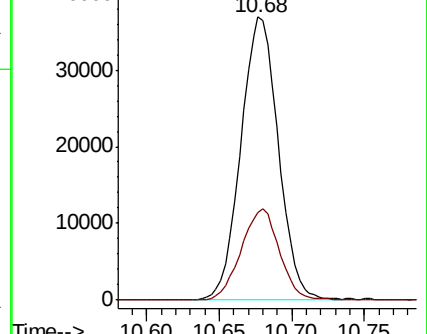
76 100

78 32.8 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 88.157 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062675.D

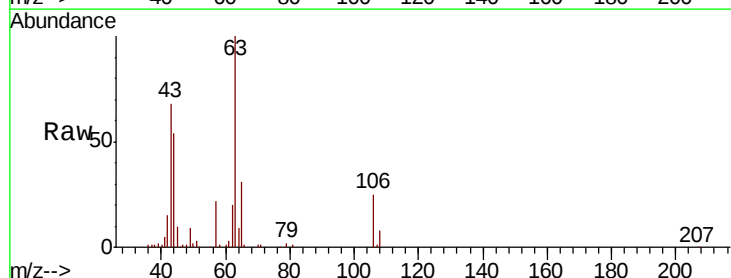
Acq: 31 Jul 2020 10:55

Tgt Ion: 63 Resp: 79481

Ion Ratio Lower Upper

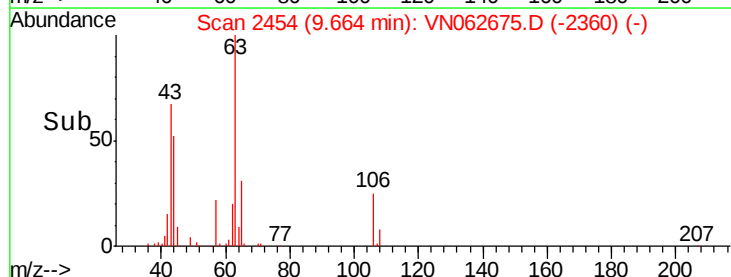
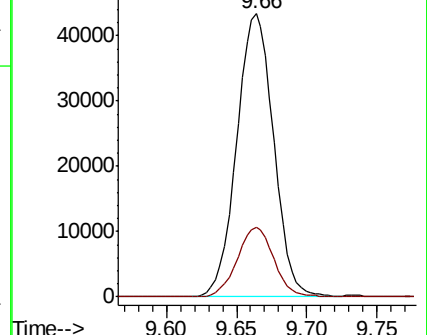
63 100

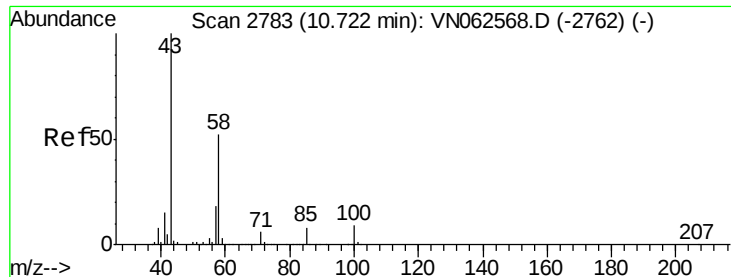
106 24.3 18.9 28.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

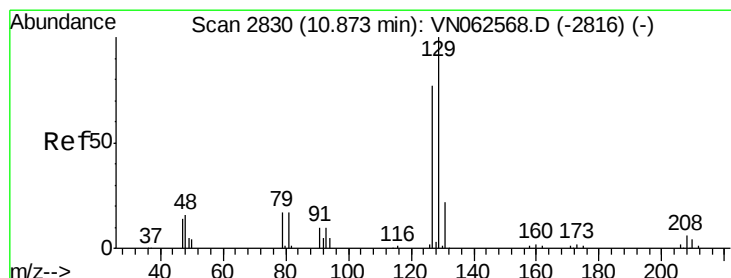
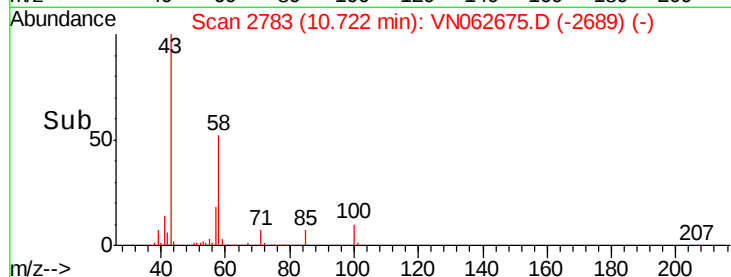
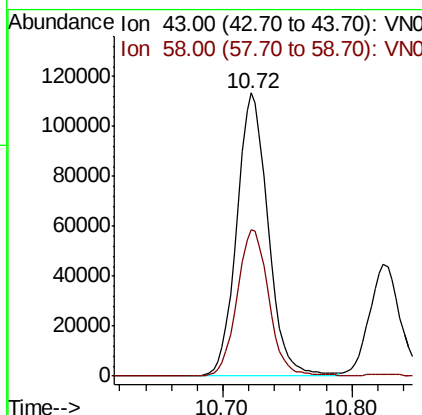
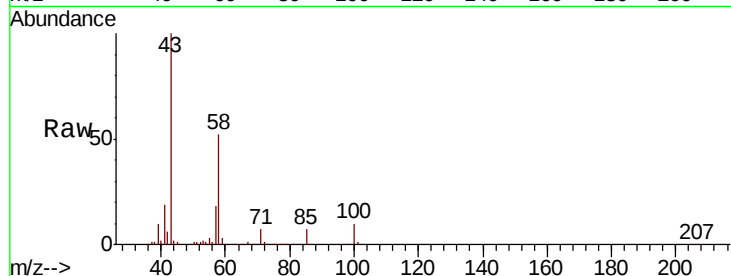




#59
2-Hexanone
Concen: 86.403 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

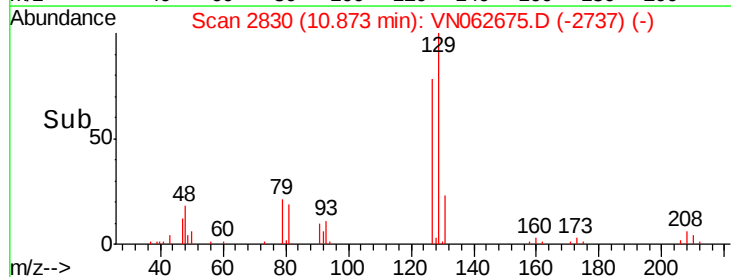
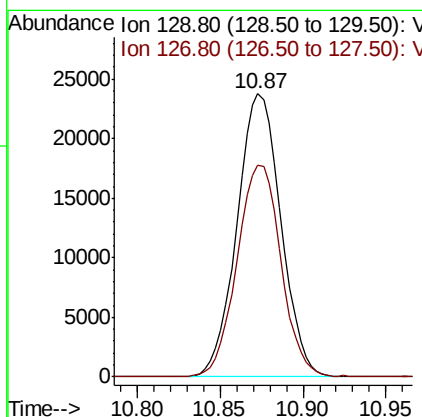
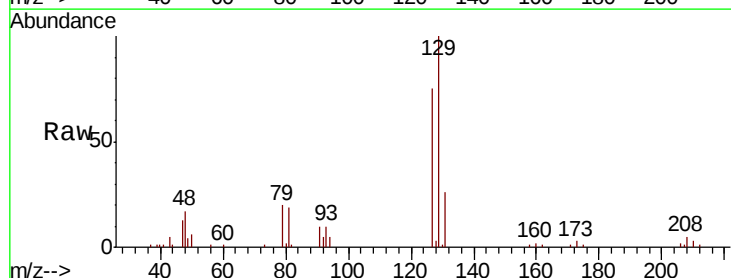
Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

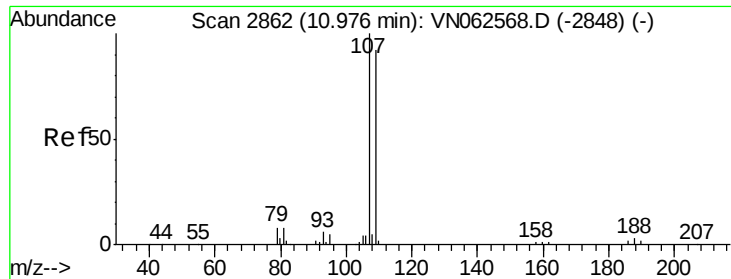
Tot Ion: 43 Resp: 190983
Ion Ratio Lower Upper
43 100
58 52.7 26.0 78.0



#60
Dibromochloromethane
Concen: 20.447 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 129 Resp: 43749
Ion Ratio Lower Upper
129 100
127 74.9 38.0 113.9

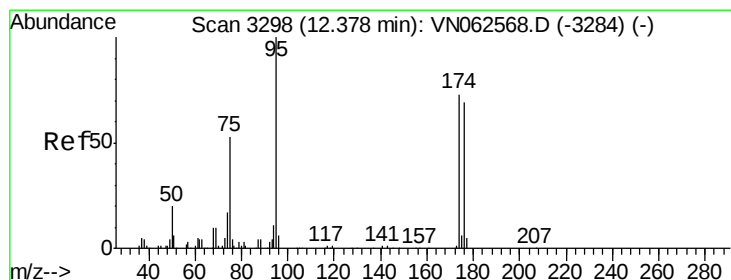
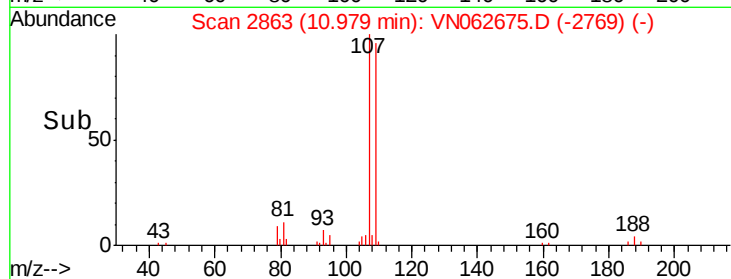
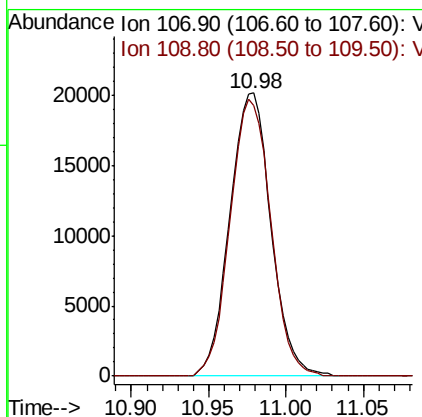
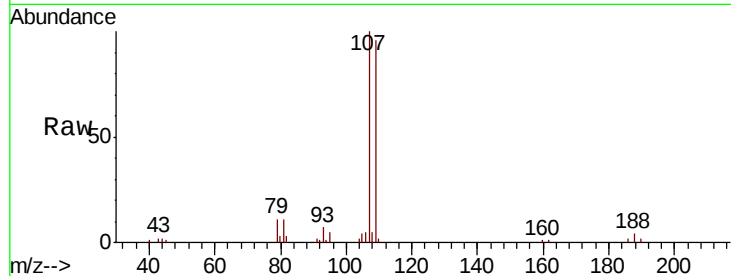




#61
 1,2-Dibromoethane
 Concen: 18.652 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

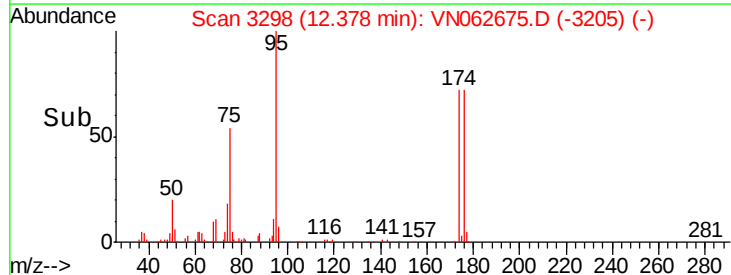
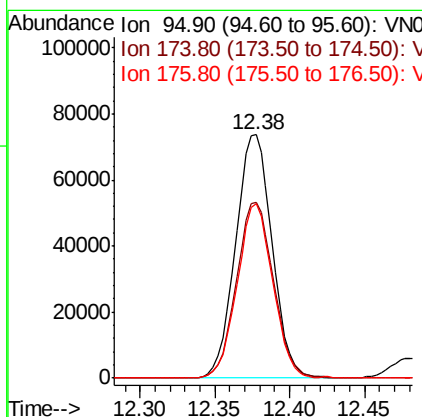
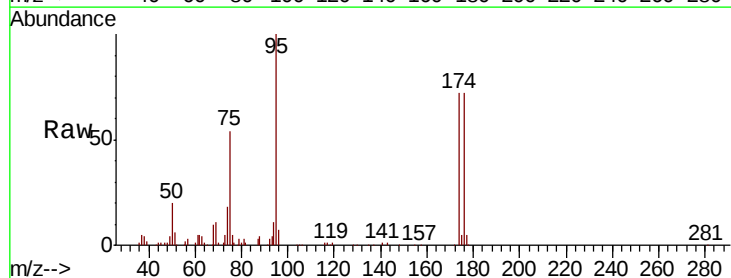
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

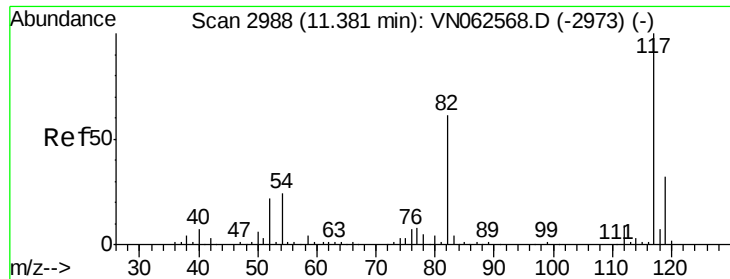
Tot Ion:107 Resp: 37251
 Ion Ratio Lower Upper
 107 100
 109 96.5 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 49.544 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion: 95 Resp: 125281
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 144.6
 176 69.8 0.0 139.4

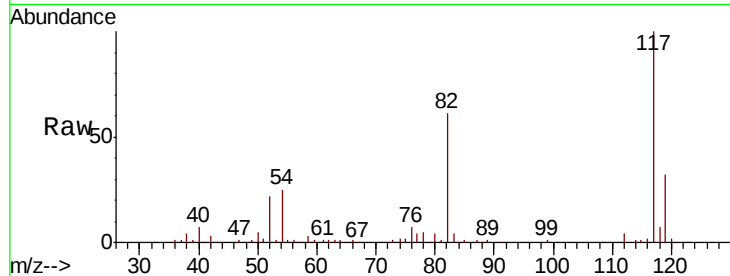




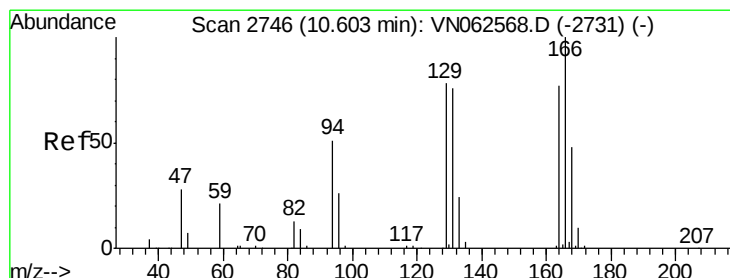
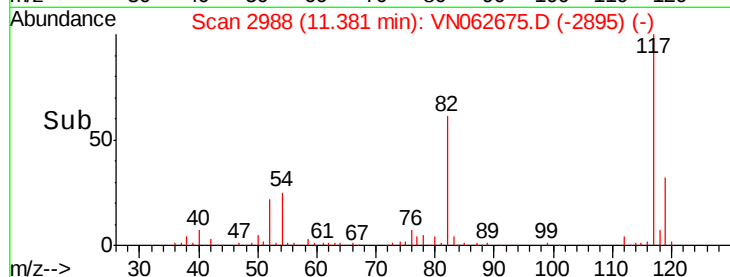
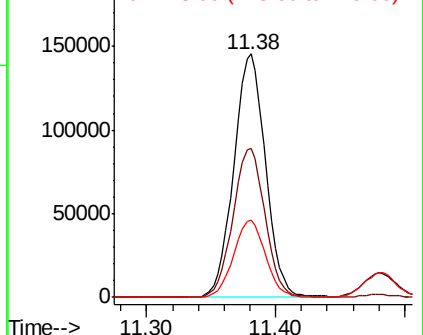
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion:117 Resp: 248610
Ion Ratio Lower Upper
117 100
82 61.4 49.0 73.6
119 31.8 25.4 38.2

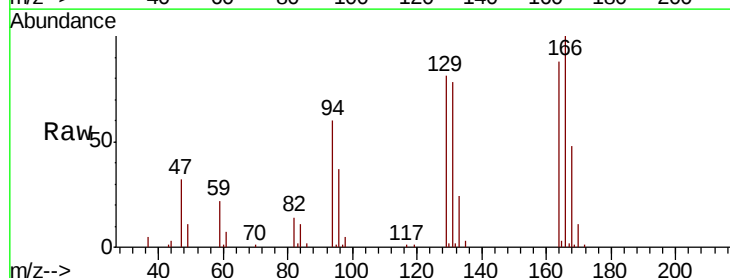


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

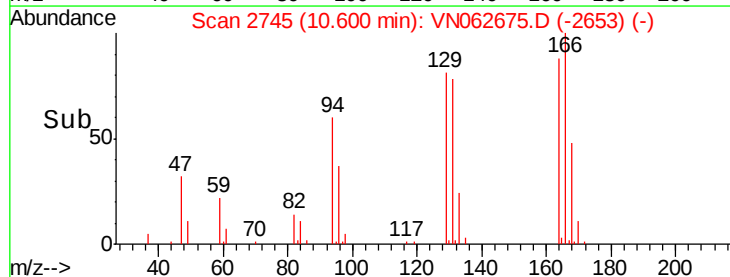
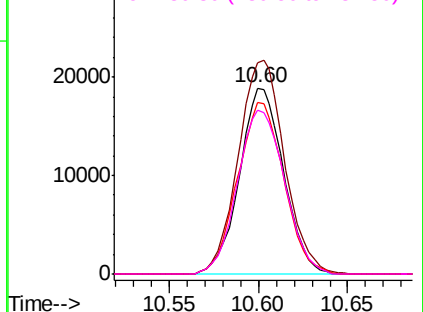


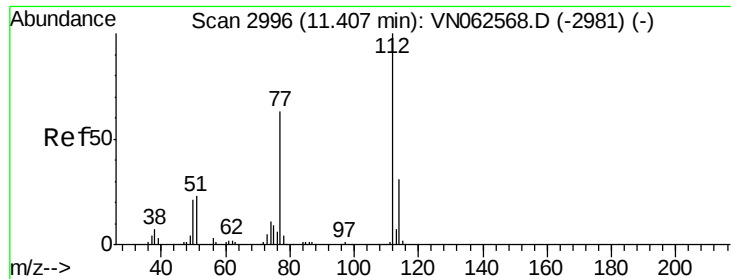
#64
Tetrachloroethene
Concen: 20.153 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion:164 Resp: 32553
Ion Ratio Lower Upper
164 100
166 113.5 104.4 156.6
129 92.5 81.0 121.4
131 88.5 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

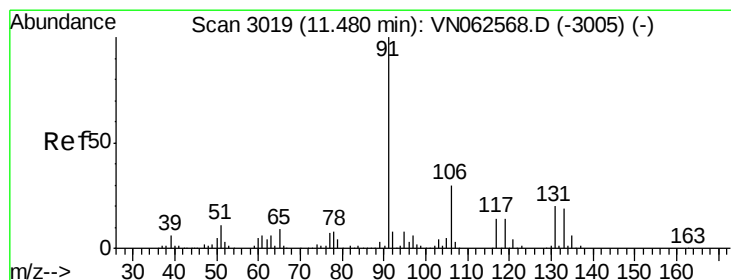
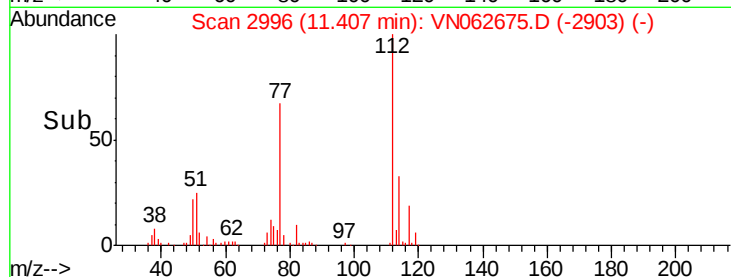
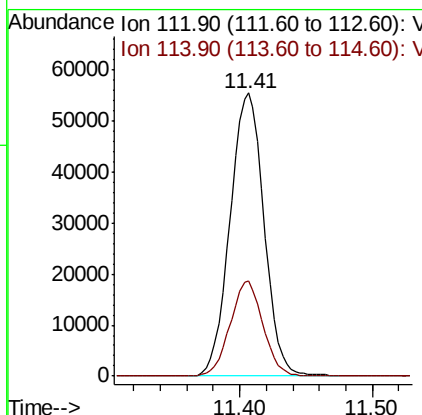
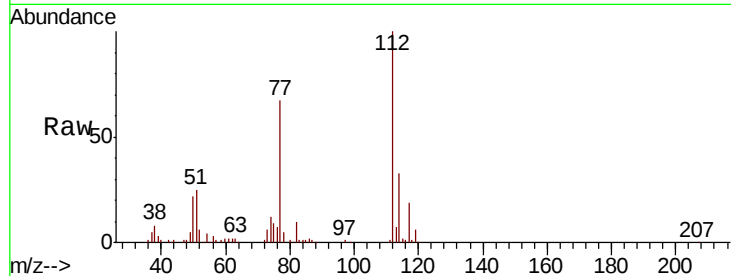




#65
Chlorobenzene
Concen: 18.902 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

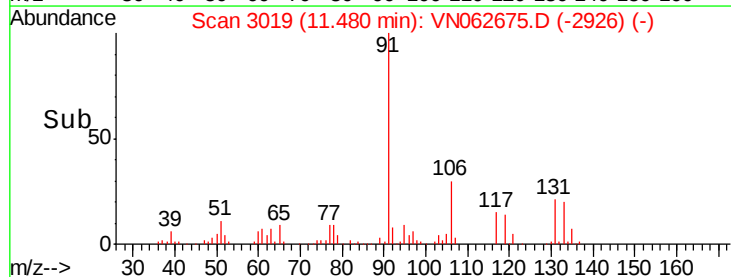
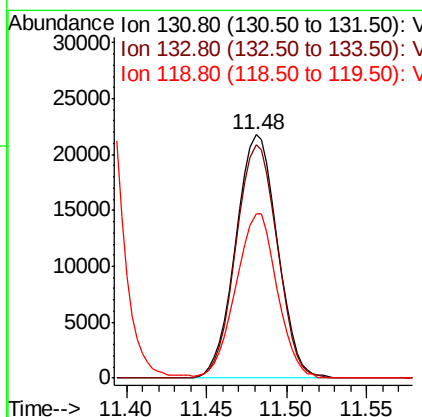
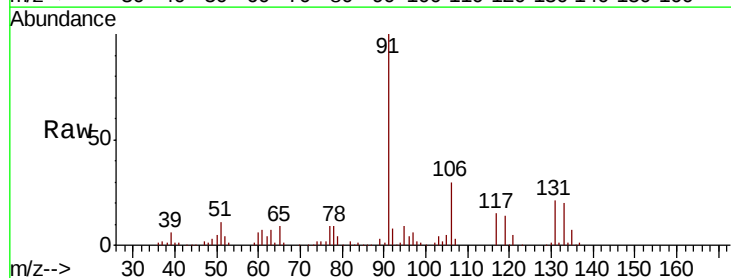
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

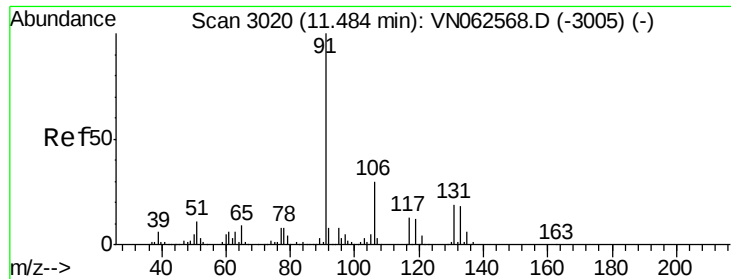
Tot Ion:112 Resp: 98514
Ion Ratio Lower Upper
112 100
114 33.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.776 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion:131 Resp: 38775
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 67.0 33.7 101.0

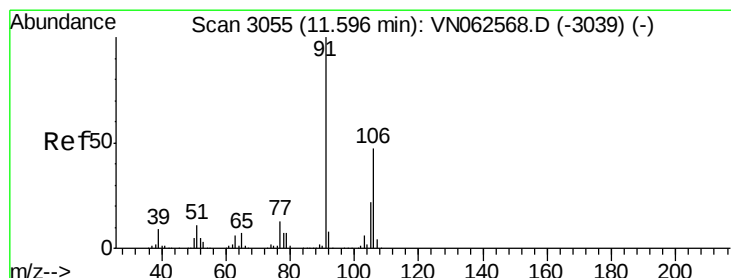
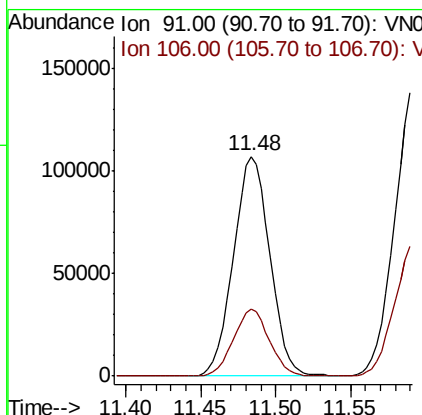
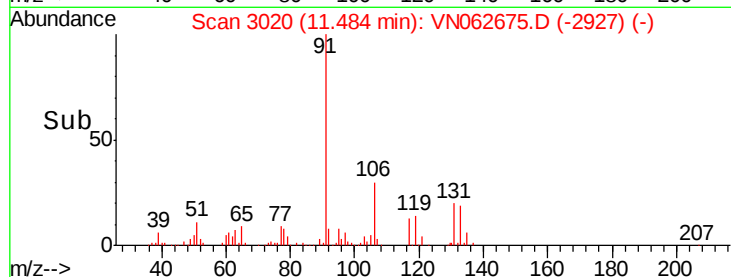
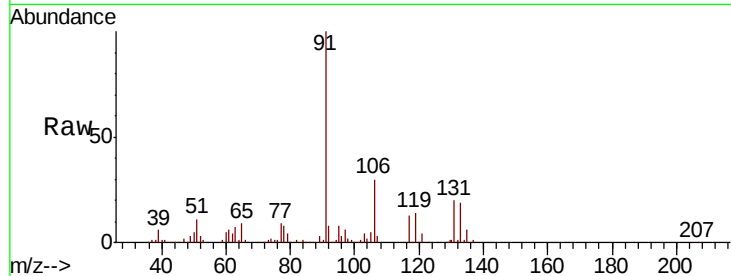




#67
Ethyl Benzene
Concen: 18.959 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

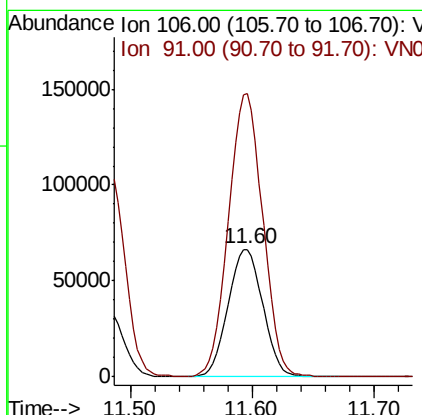
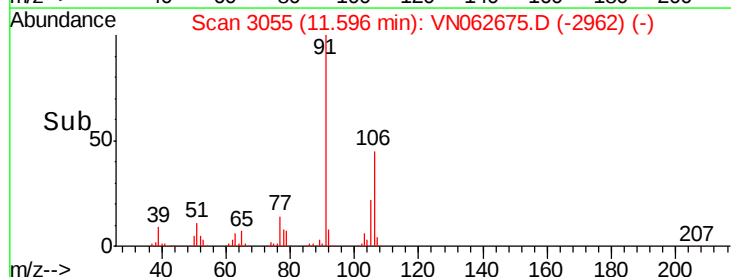
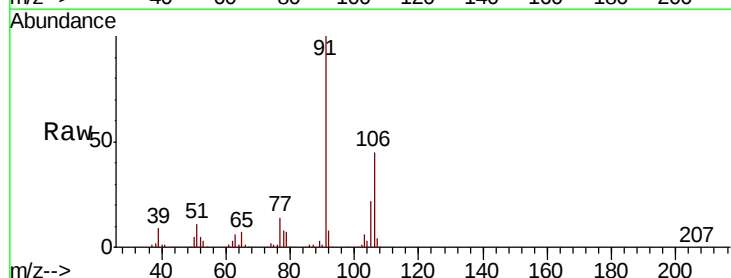
Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

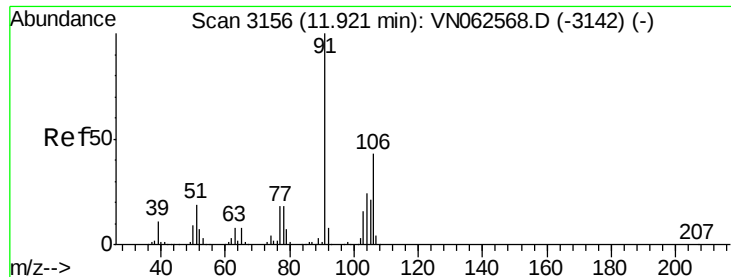
Tot Ion: 91 Resp: 181177
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.8



#68
m/p-Xylenes
Concen: 38.530 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 106 Resp: 132343
Ion Ratio Lower Upper
106 100
91 217.2 171.4 257.2

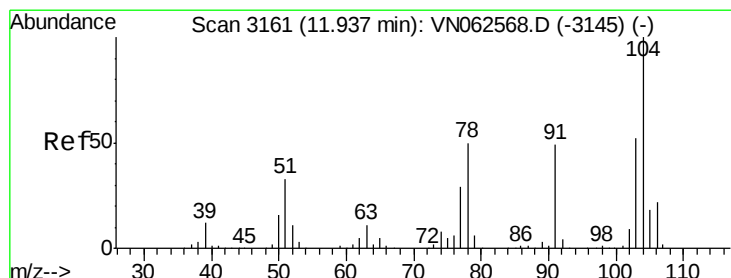
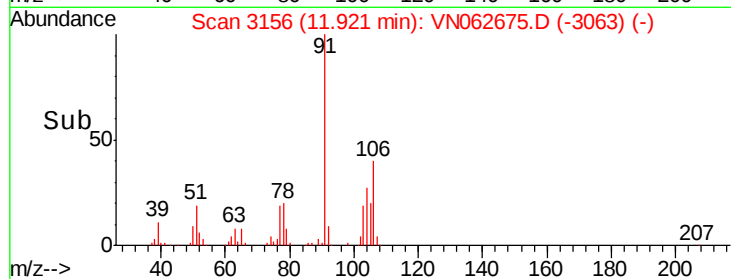
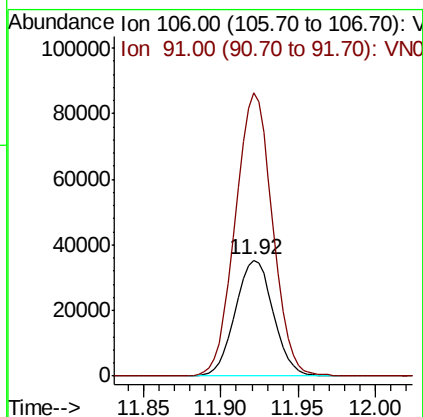
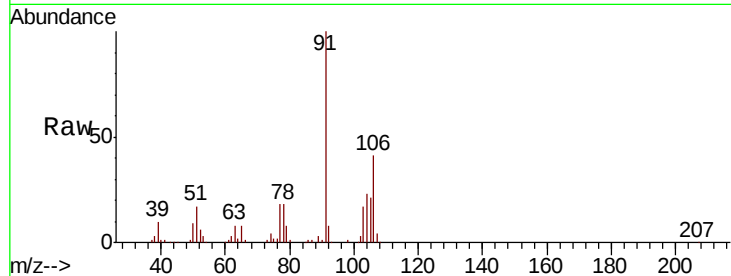




#69
o-Xylene
Concen: 18.476 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

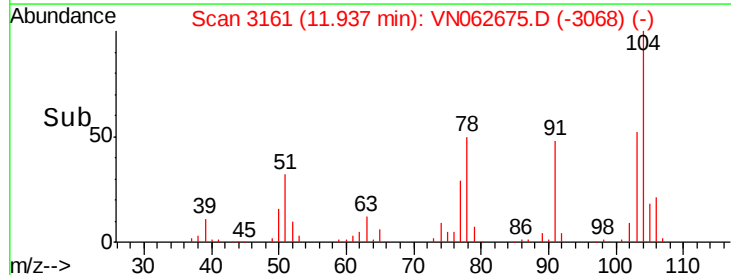
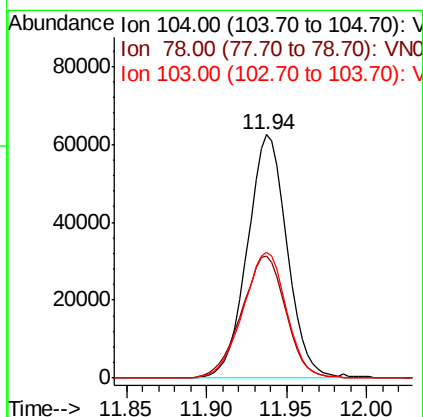
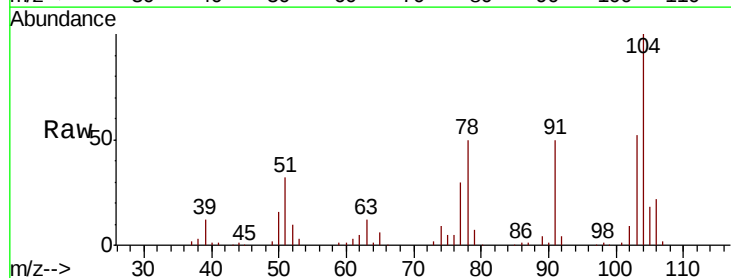
Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

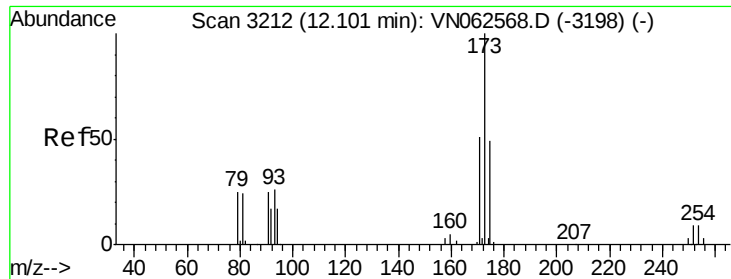
Tot Ion:106 Resp: 60262
Ion Ratio Lower Upper
106 100
91 240.0 113.8 341.2



#70
Styrene
Concen: 19.352 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion:104 Resp: 106623
Ion Ratio Lower Upper
104 100
78 55.9 43.8 65.6
103 56.6 44.0 66.0

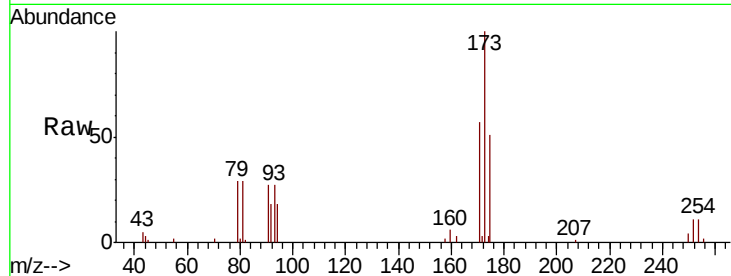




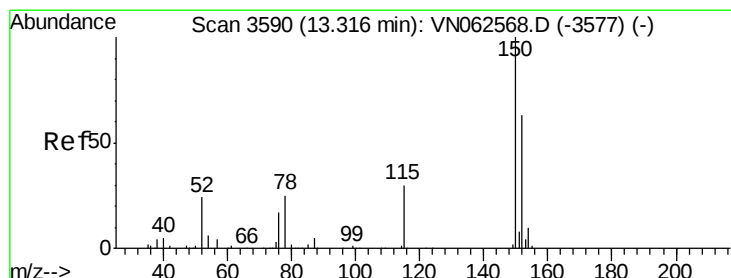
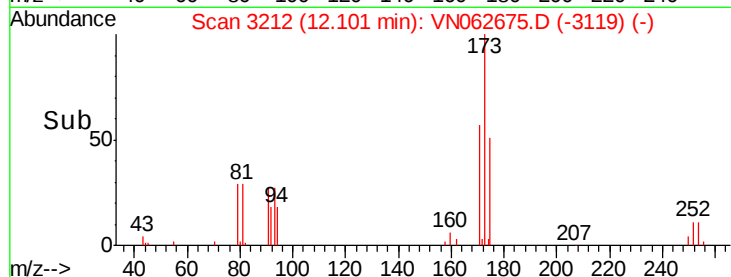
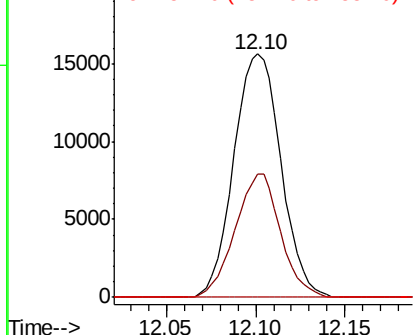
#71
Bromoform
Concen: 19.605 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion:173 Resp: 28862
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.2
254 0.0 0.0 0.0

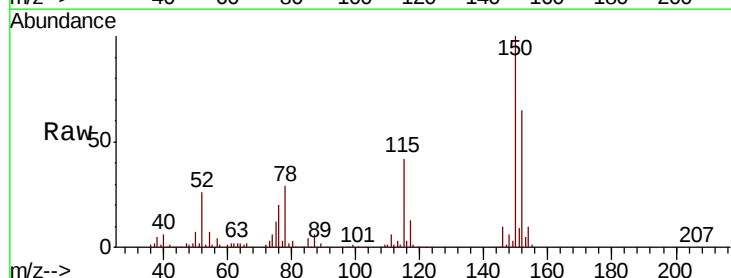


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

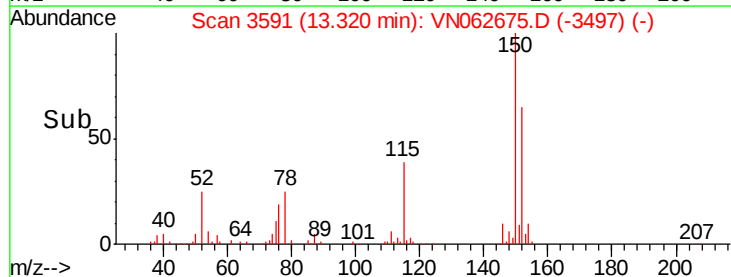
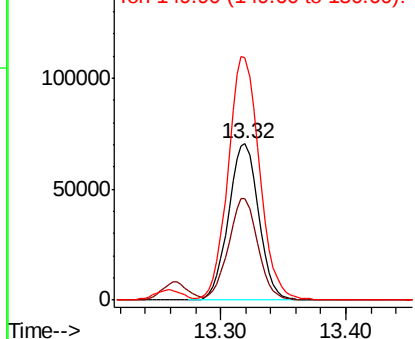


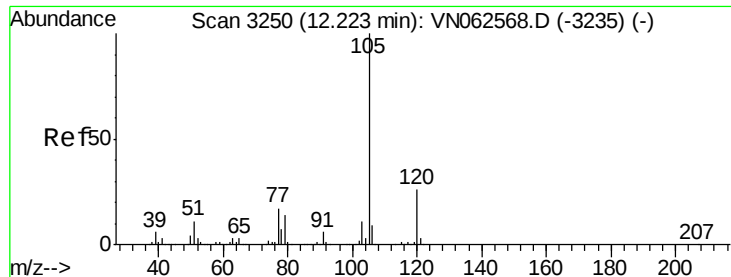
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion:152 Resp: 118048
Ion Ratio Lower Upper
152 100
115 62.7 31.8 95.4
150 161.6 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.611 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

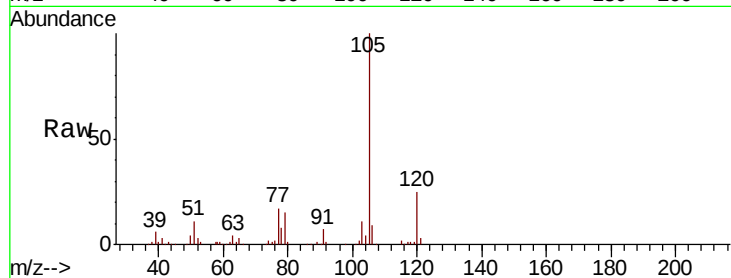
VN0731WBS01

Tot Ion:105 Resp: 173717

Ion Ratio Lower Upper

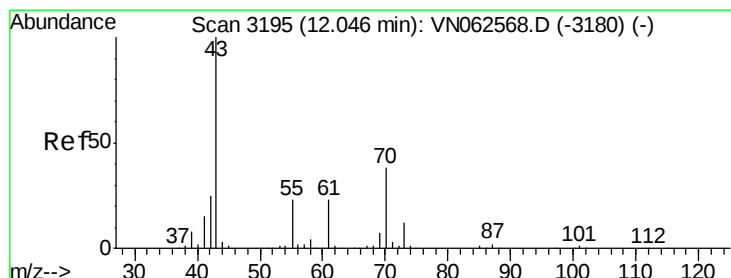
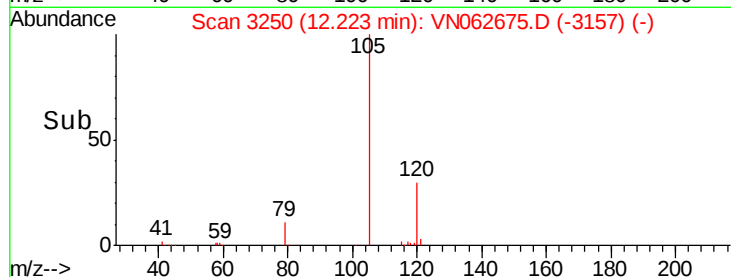
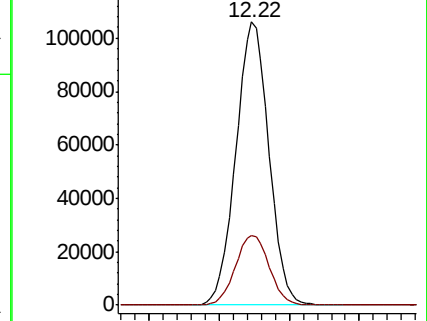
105 100

120 25.2 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: 17.563 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Tgt Ion: 43 Resp: 73212

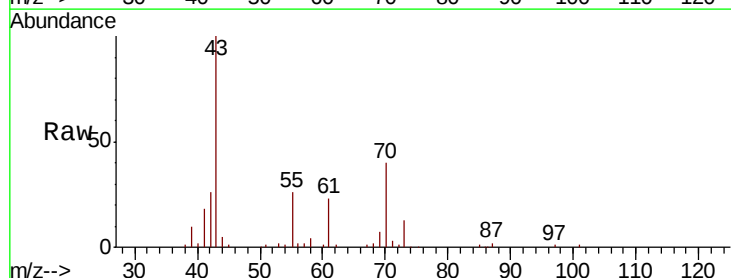
Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 25.0 19.0 28.6

61 22.3 18.4 27.6

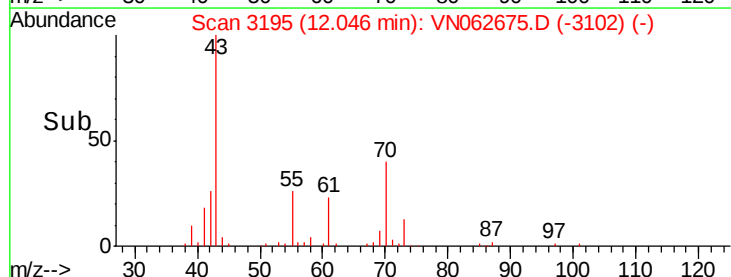
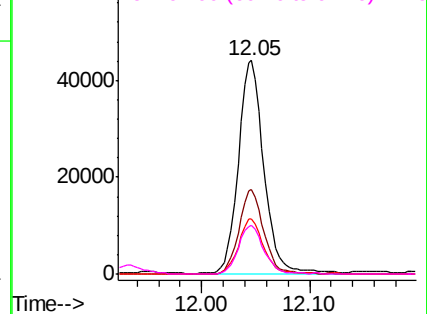


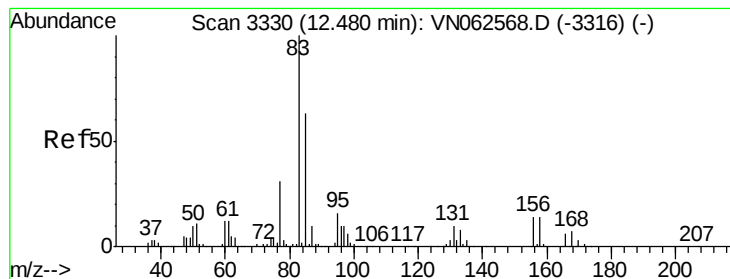
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 17.267 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

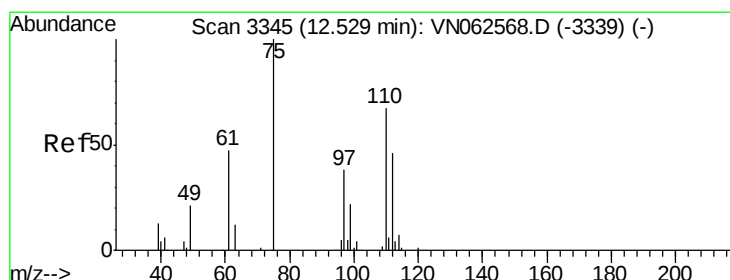
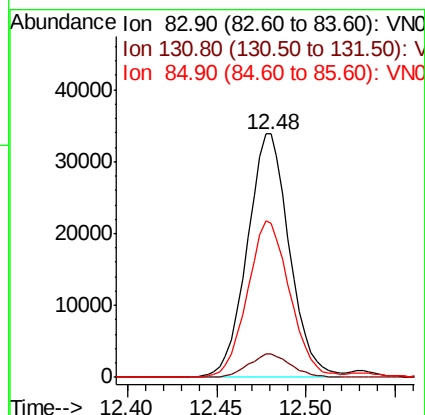
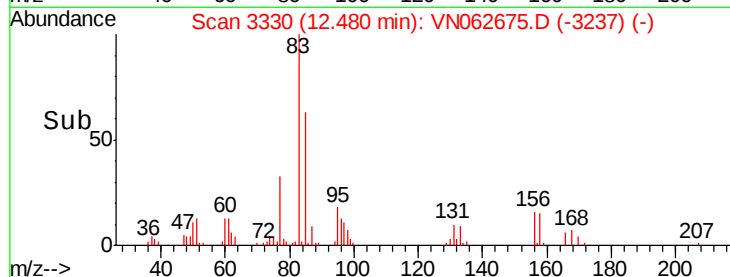
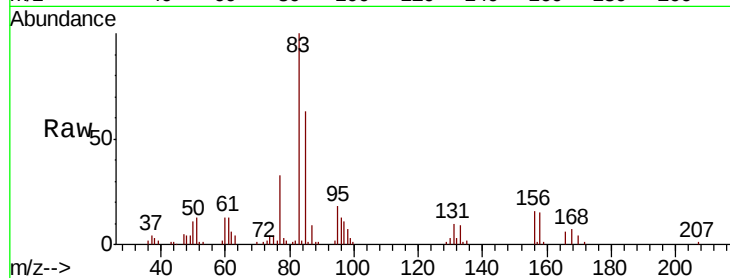
Tot Ion: 83 Resp: 56008

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 25.055 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062675.D

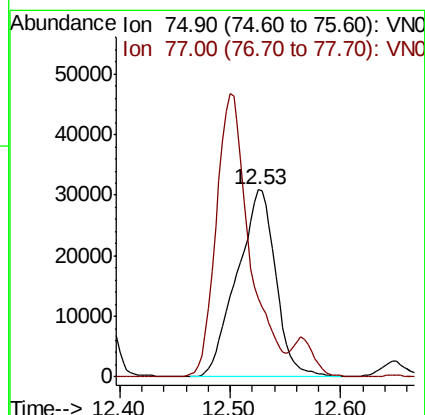
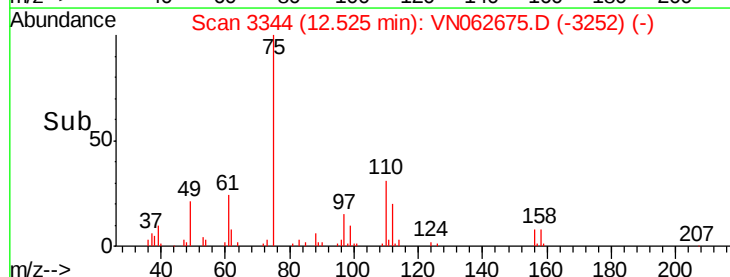
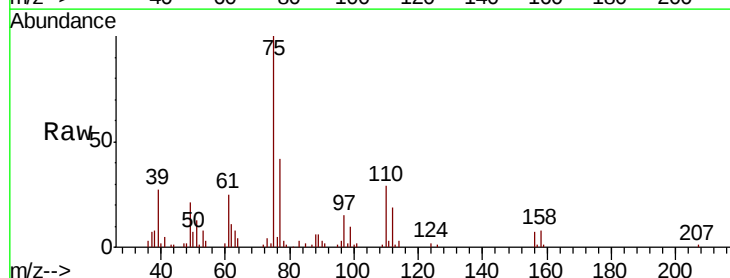
Acq: 31 Jul 2020 10:55

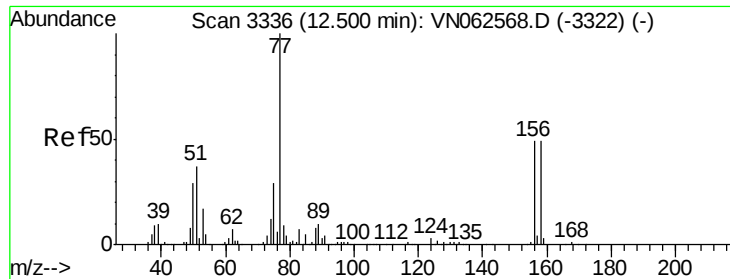
Tgt Ion: 75 Resp: 75285

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.401 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

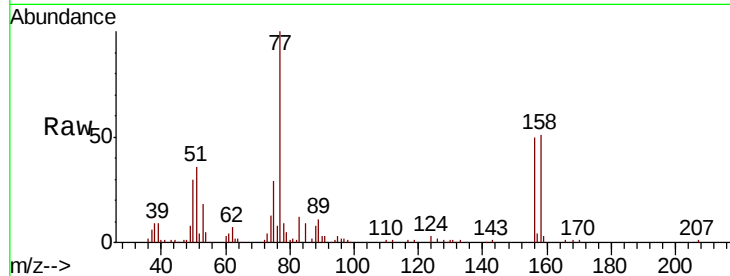
Tot Ion:156 Resp: 41277

Ion Ratio Lower Upper

156 100

77 237.5 122.8 368.3

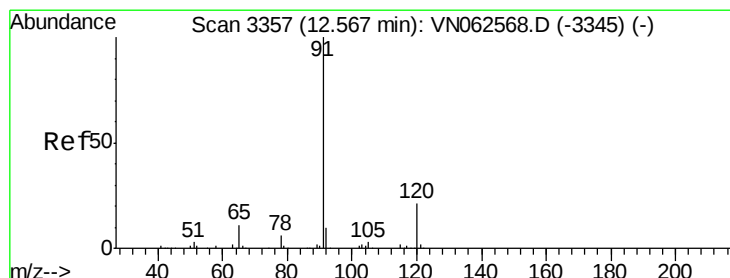
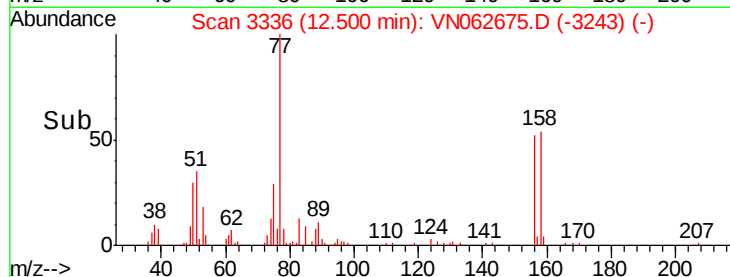
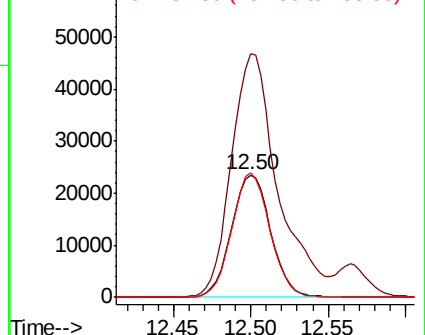
158 98.5 49.4 148.0



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: 18.570 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062675.D

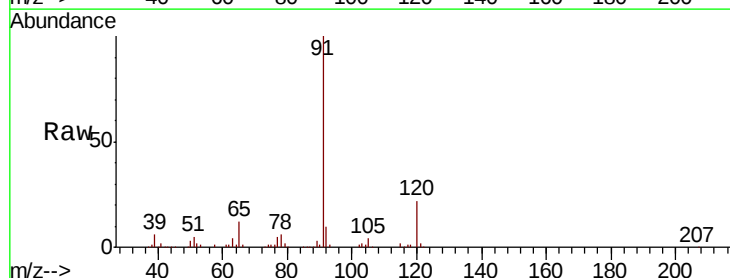
Acq: 31 Jul 2020 10:55

Tgt Ion: 91 Resp: 203037

Ion Ratio Lower Upper

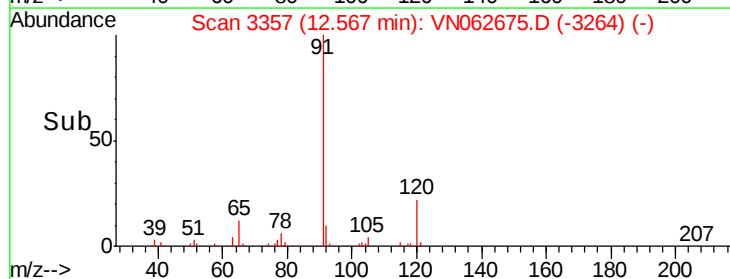
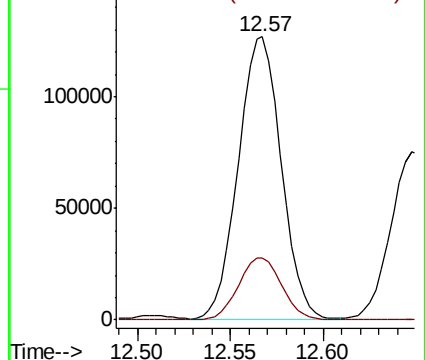
91 100

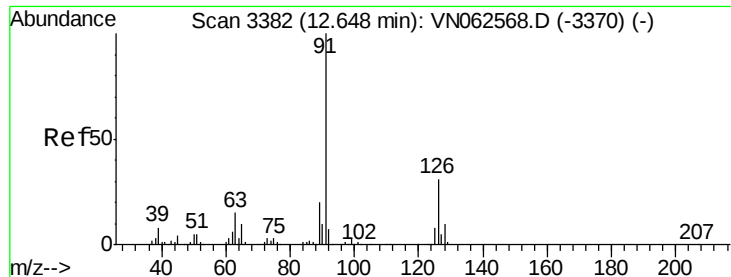
120 22.2 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

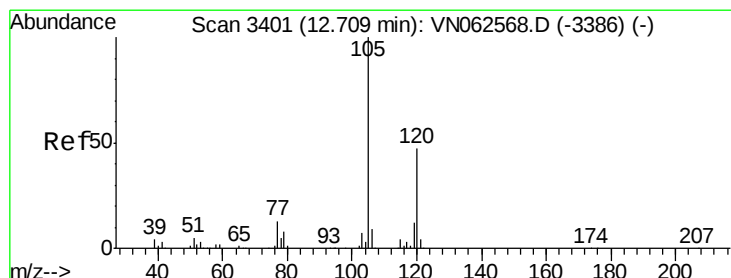
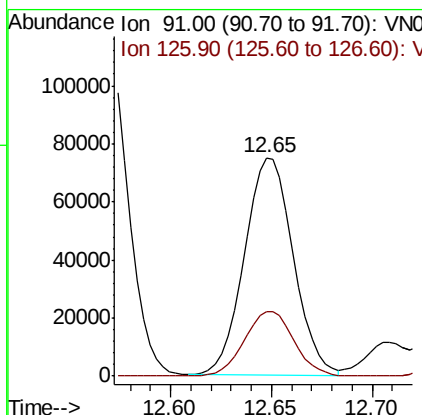
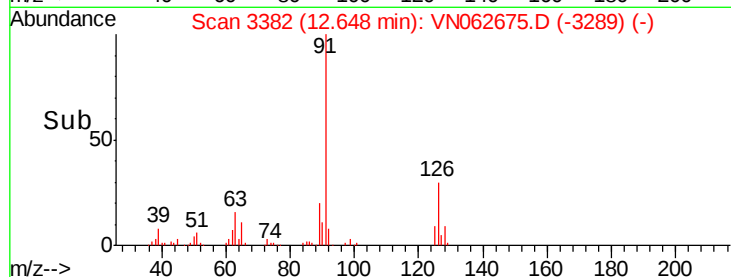
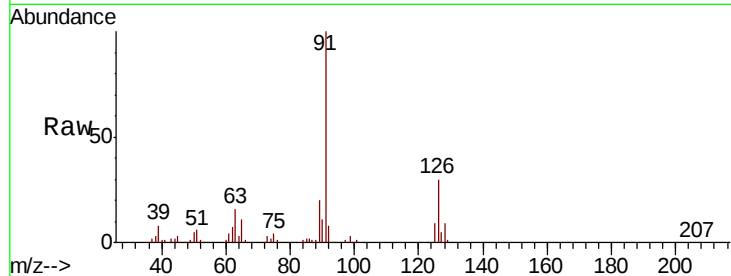




#79
 2-Chlorotoluene
 Concen: 18.805 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

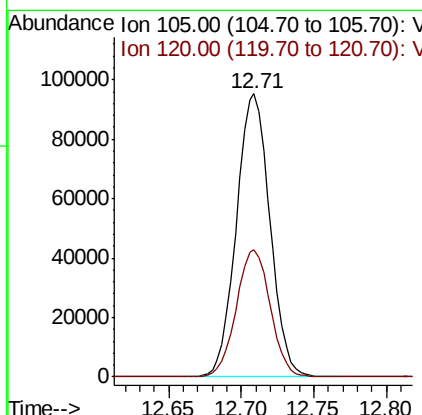
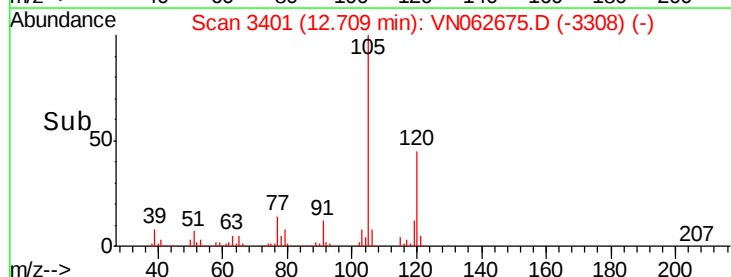
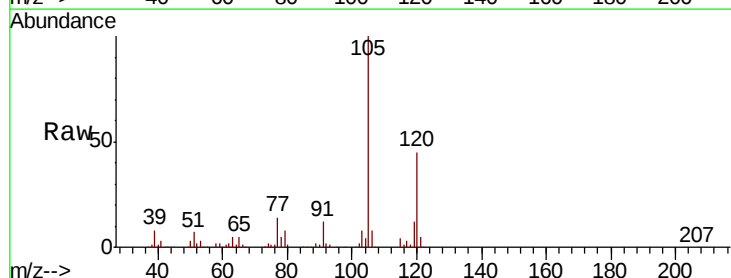
Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

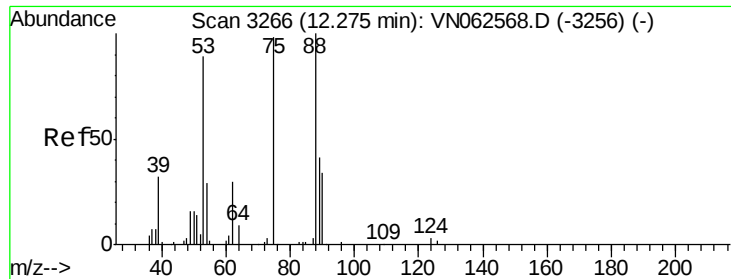
Tot Ion: 91 Resp: 126713
 Ion Ratio Lower Upper
 91 100
 126 30.4 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.785 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion: 105 Resp: 153187
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.760 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

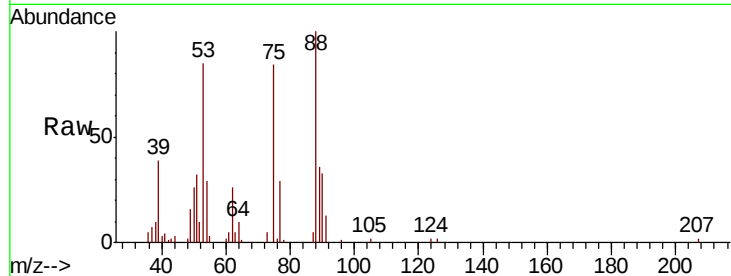
Tot Ion: 75 Resp: 18090

Ion Ratio Lower Upper

75 100

53 104.5 75.4 113.0

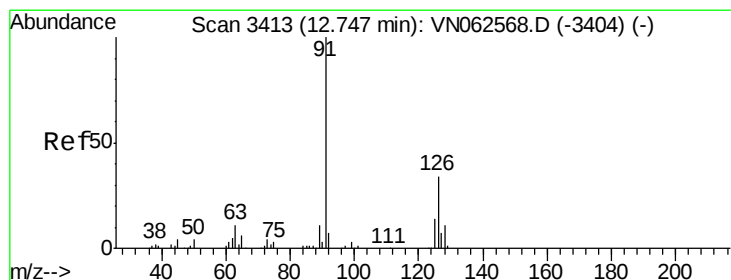
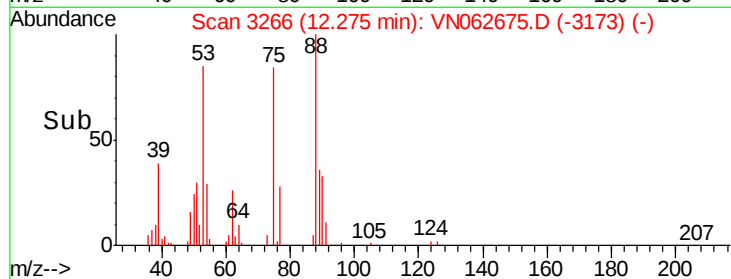
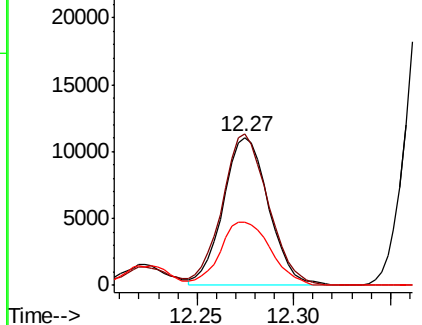
89 47.7 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.327 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062675.D

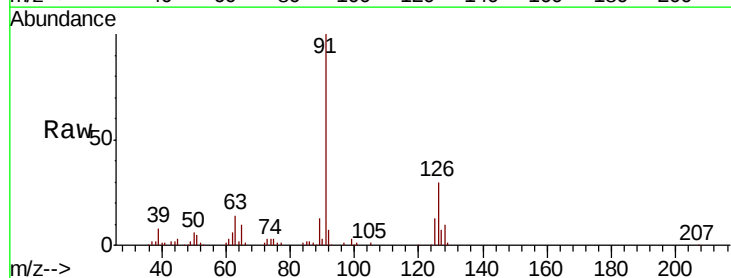
Acq: 31 Jul 2020 10:55

Tgt Ion: 91 Resp: 128541

Ion Ratio Lower Upper

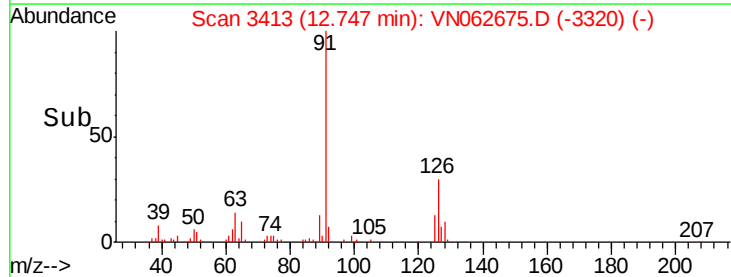
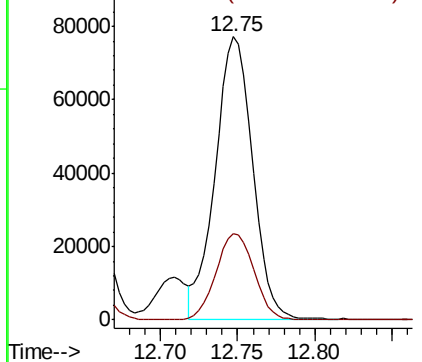
91 100

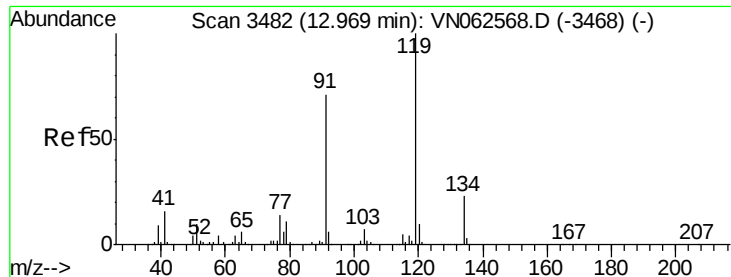
126 31.2 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

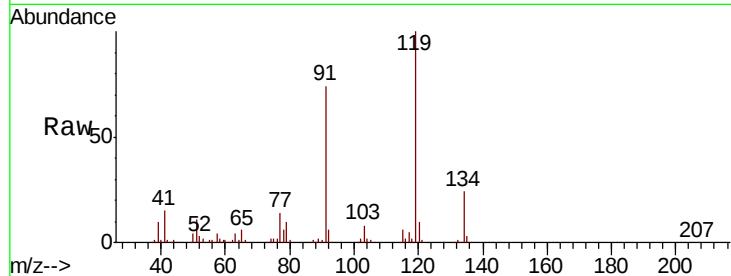




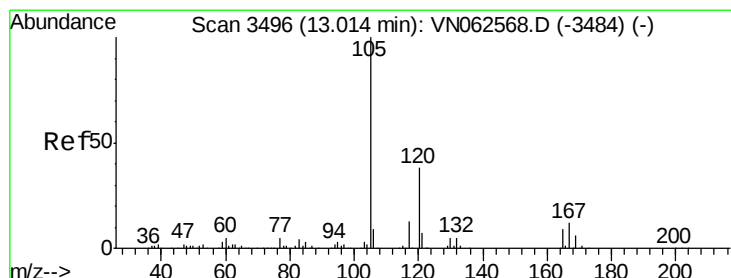
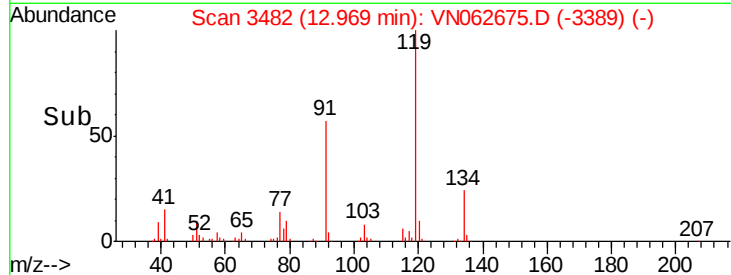
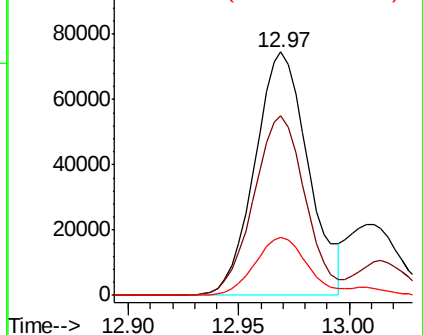
#83
tert-Butylbenzene
Concen: 19.482 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion:119 Resp: 125253
Ion Ratio Lower Upper
119 100
91 71.0 34.6 103.8
134 23.4 11.5 34.4

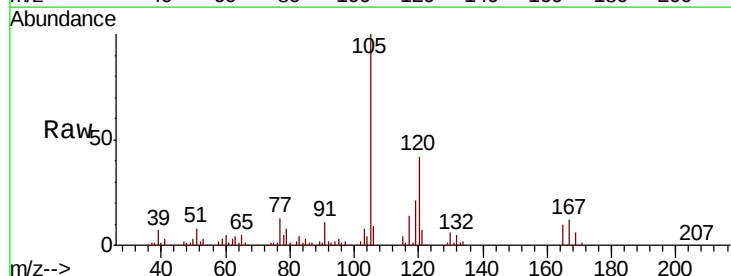


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

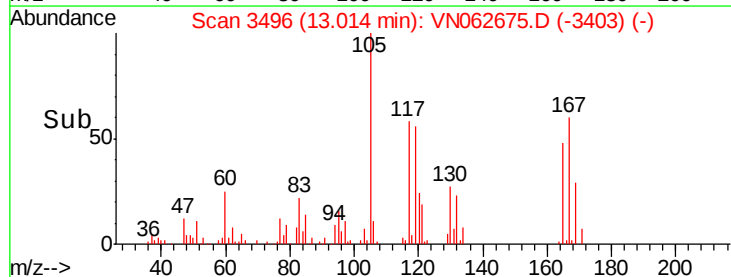
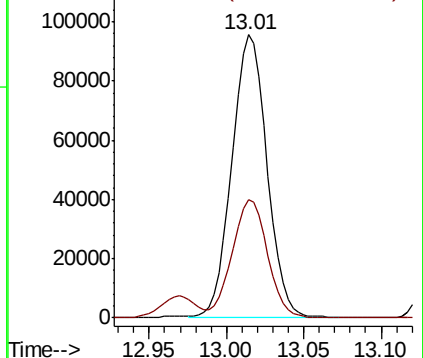


#84
1,2,4-Trimethylbenzene
Concen: 19.709 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion:105 Resp: 149702
Ion Ratio Lower Upper
105 100
120 42.5 22.1 66.3



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





#85

sec-Butylbenzene

Concen: 19.734 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

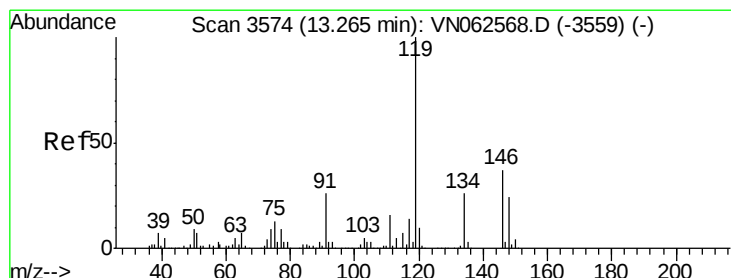
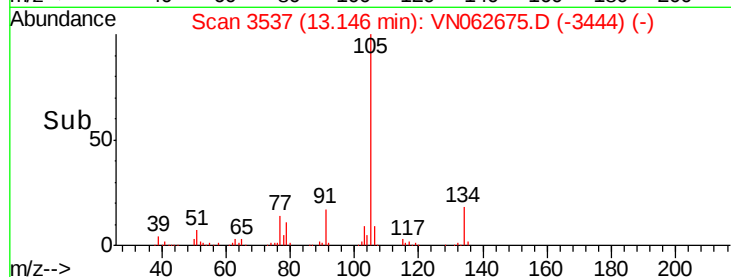
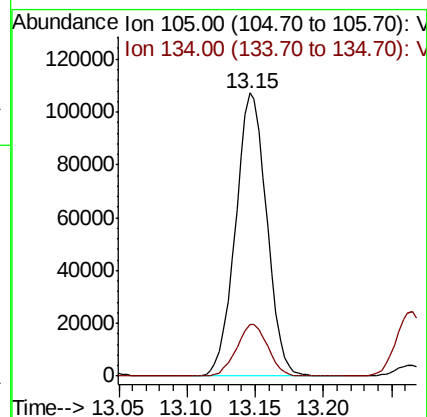
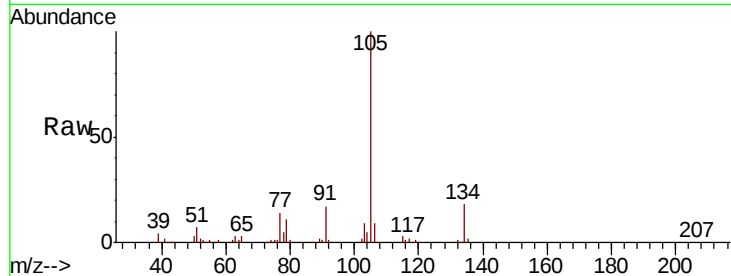
VN0731WBS01

Tot Ion:105 Resp: 169859

Ion Ratio Lower Upper

105 100

134 18.3 9.5 28.5



#86

p-Isopropyltoluene

Concen: 20.295 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

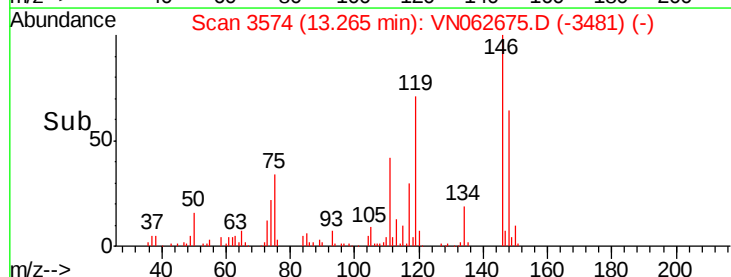
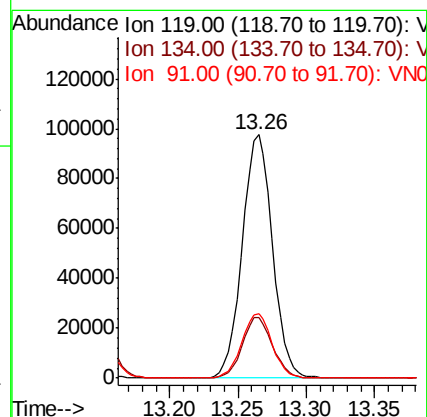
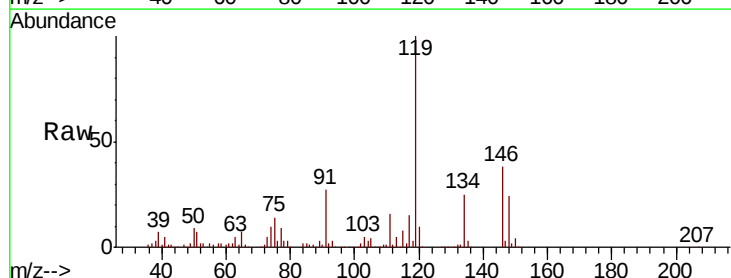
Tgt Ion:119 Resp: 150244

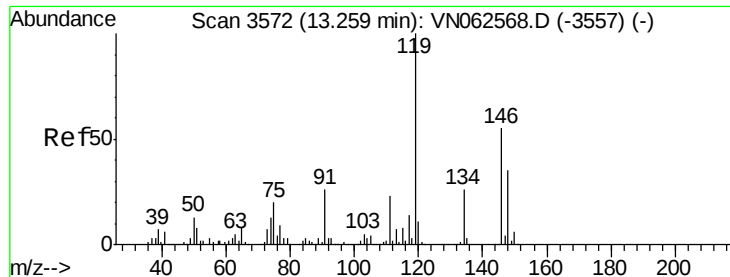
Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.4

91 26.6 12.7 38.1

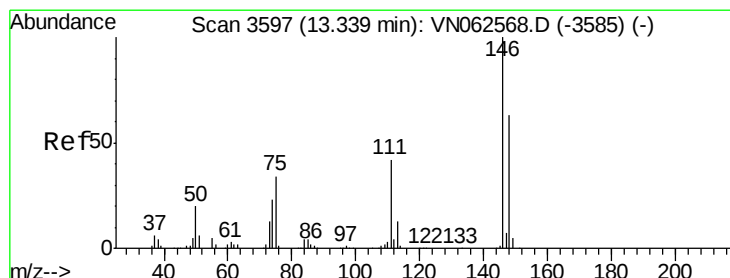
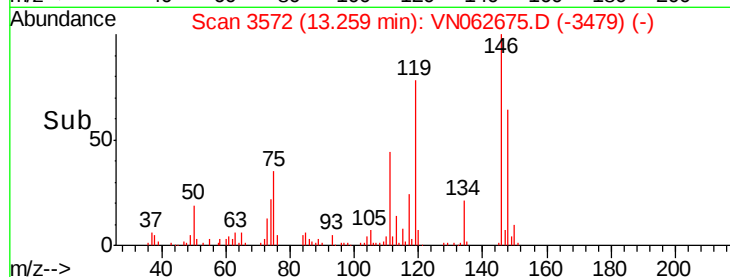
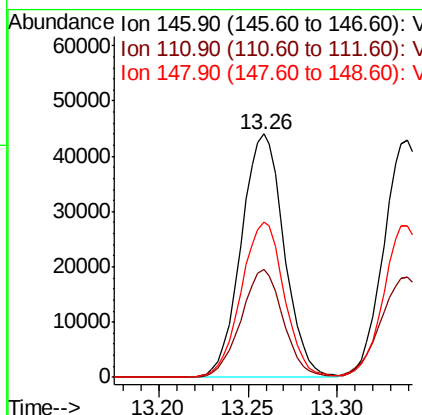
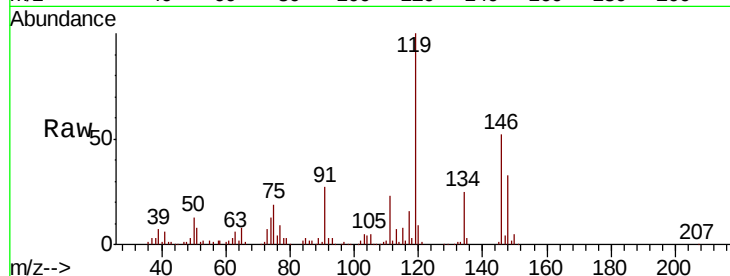




#87
 1,3-Dichlorobenzene
 Concen: 18.730 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

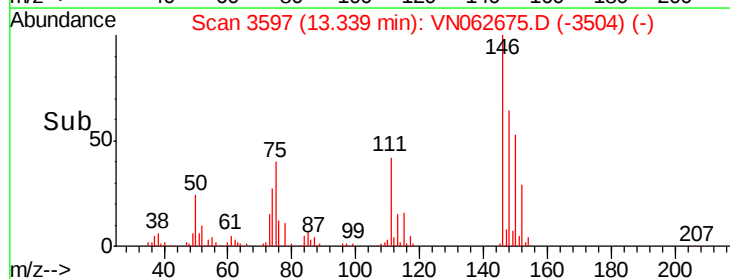
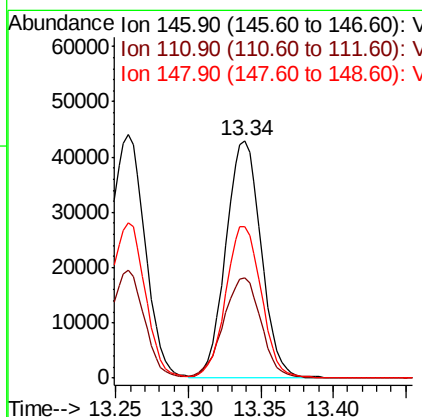
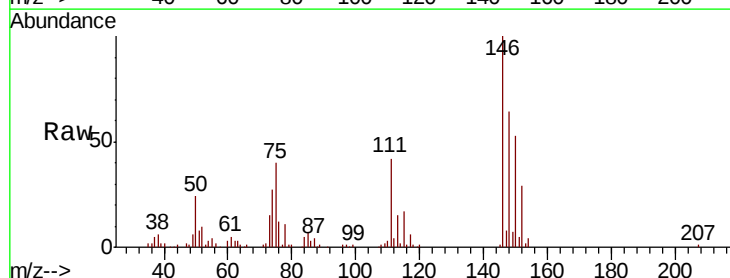
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion:146 Resp: 73728
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.6 64.6
 148 64.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.727 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion:146 Resp: 72569
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.1 63.1
 148 64.6 31.6 94.8

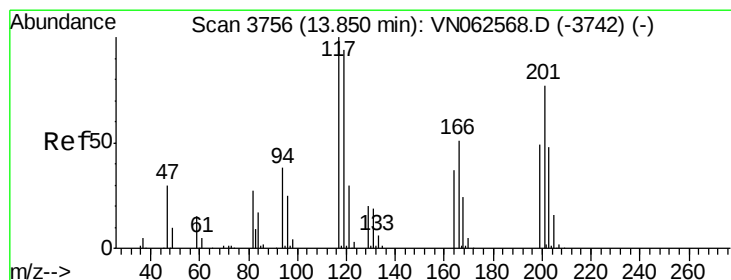
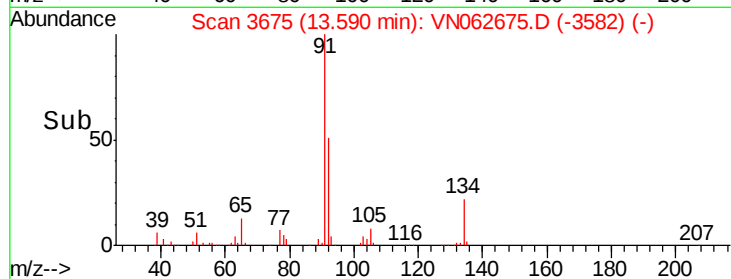
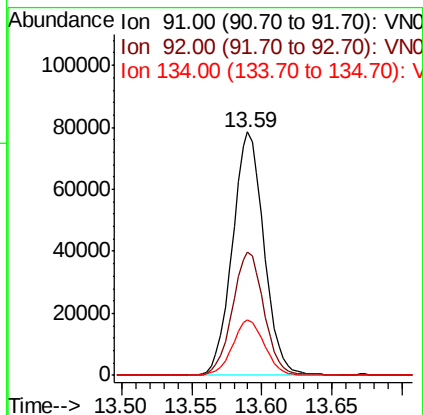
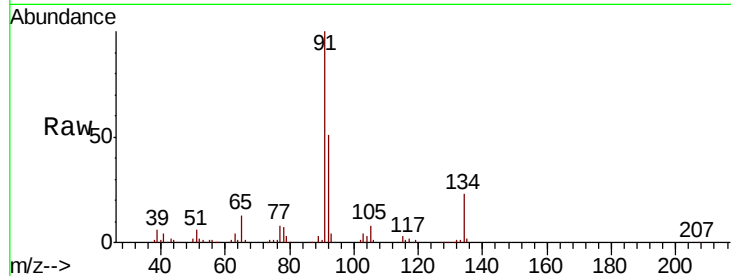




#89
n-Butylbenzene
Concen: 19.312 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

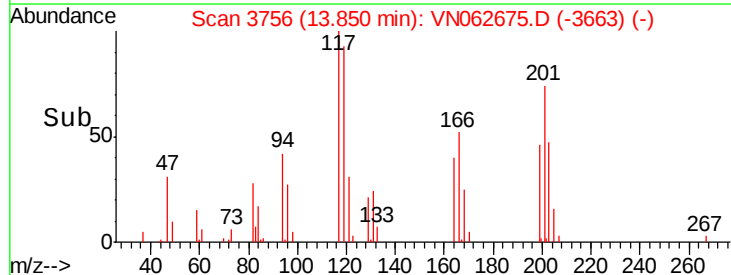
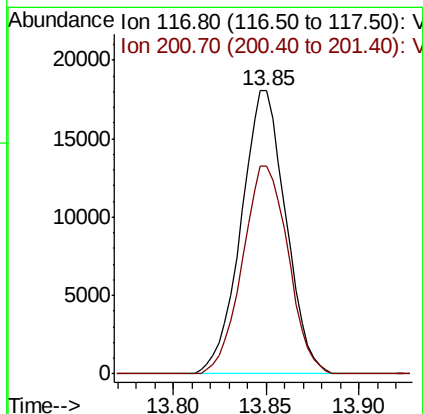
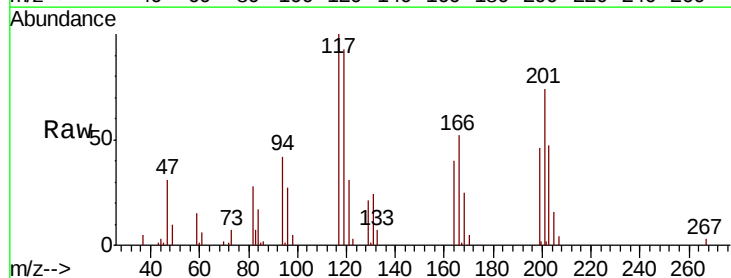
Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

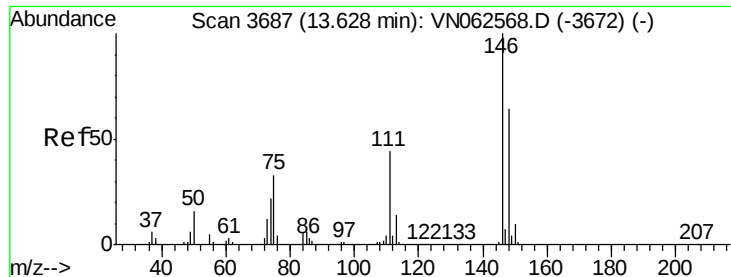
Tot Ion: 91 Resp: 122840
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.3
134 23.1 11.8 35.3



#90
Hexachloroethane
Concen: 19.150 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 117 Resp: 30180
Ion Ratio Lower Upper
117 100
201 75.3 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 19.149 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

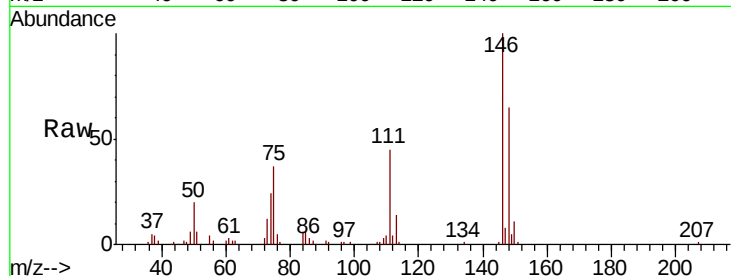
Tot Ion:146 Resp: 72077

Ion Ratio Lower Upper

146 100

111 44.4 21.9 65.8

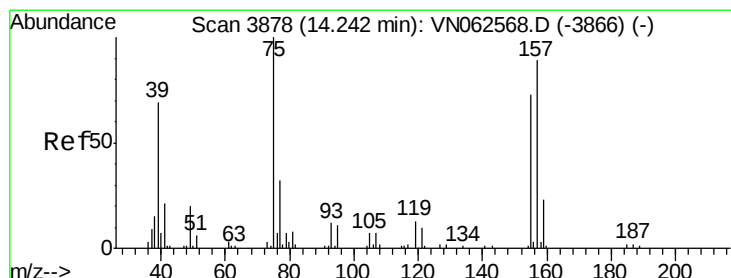
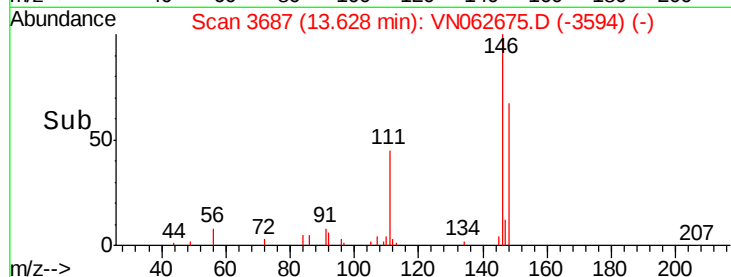
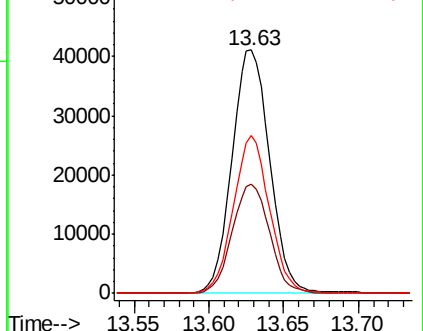
148 62.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.521 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

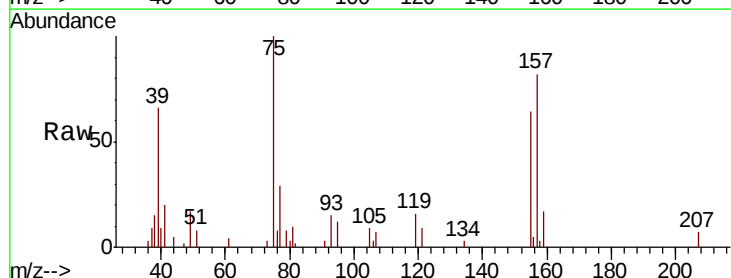
Tgt Ion: 75 Resp: 10907

Ion Ratio Lower Upper

75 100

155 67.4 35.9 107.5

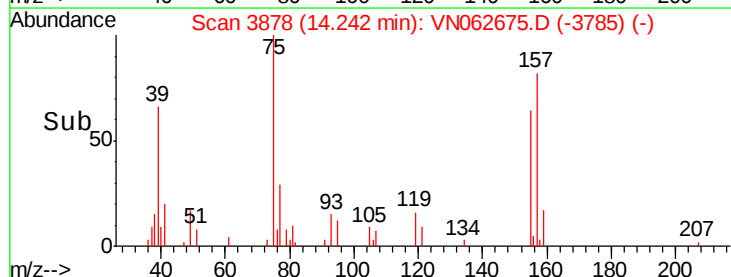
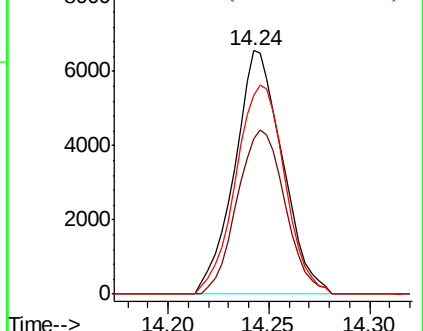
157 88.0 45.0 135.0

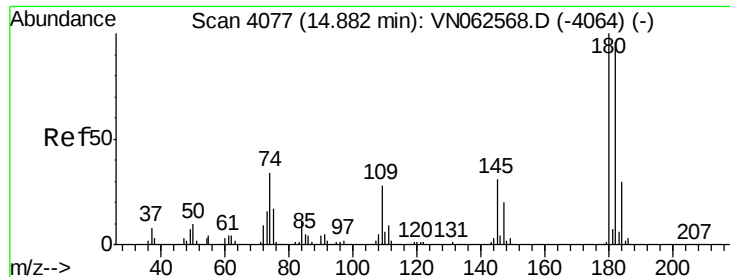


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

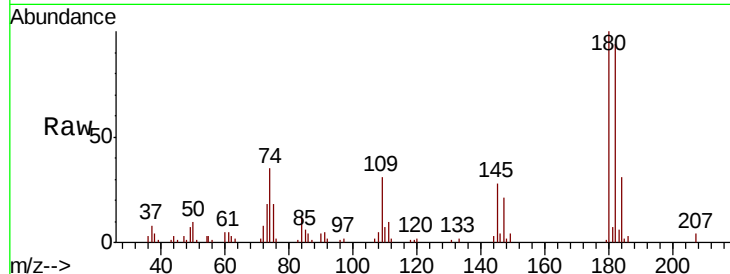




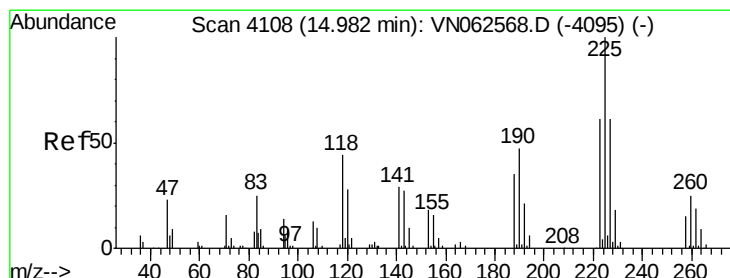
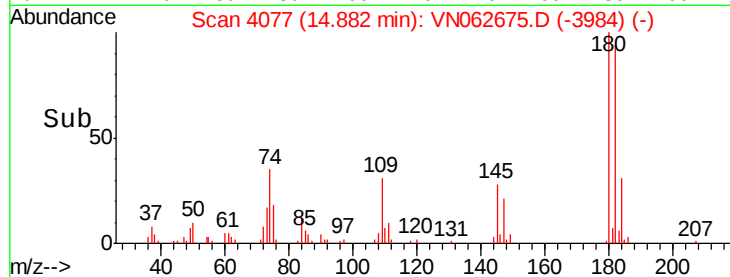
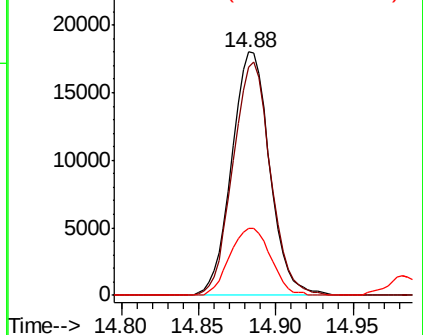
#93
 1,2,4-Trichlorobenzene
 Concen: 17.643 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion:180 Resp: 30678
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.3
 145 29.5 15.3 45.9

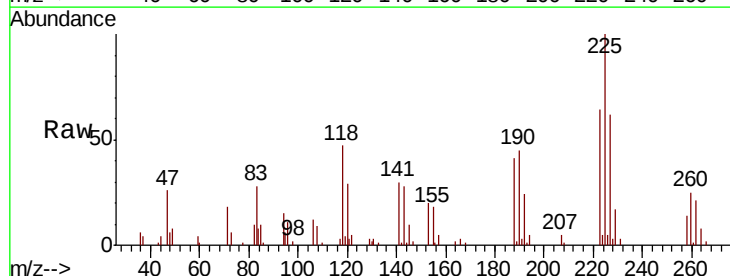


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

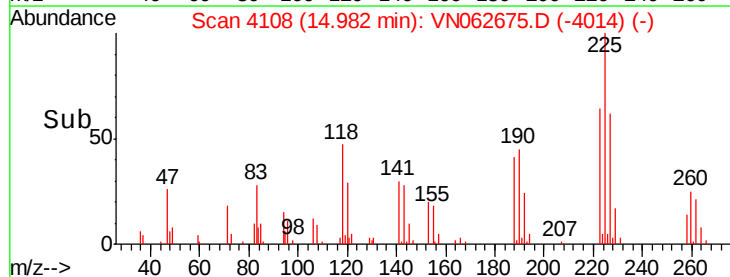
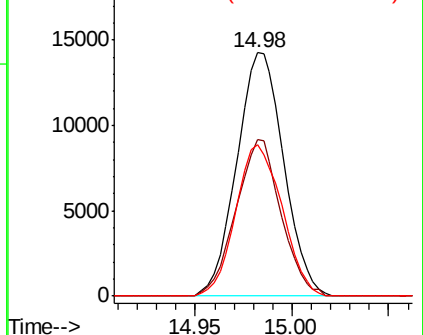


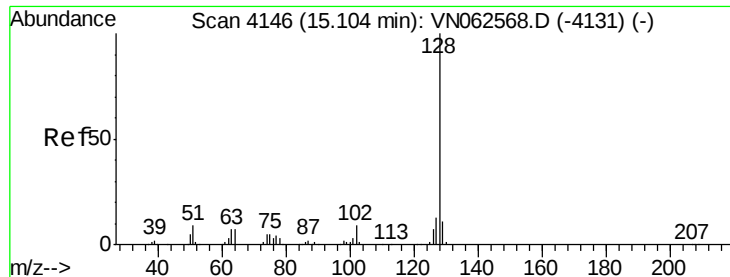
#94
 Hexachlorobutadiene
 Concen: 23.416 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion:225 Resp: 24079
 Ion Ratio Lower Upper
 225 100
 223 61.4 32.0 96.0
 227 61.6 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

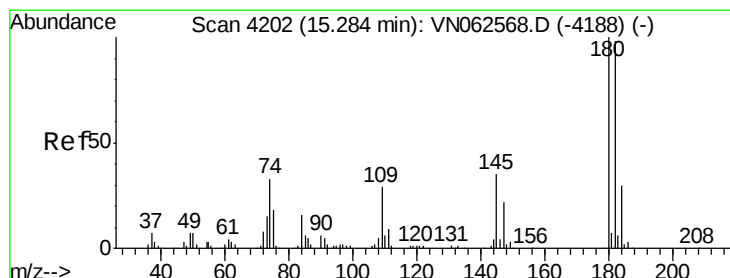
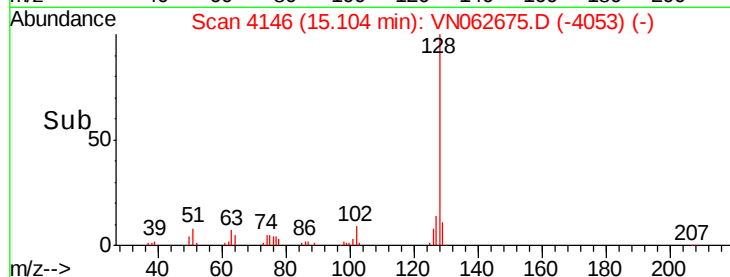
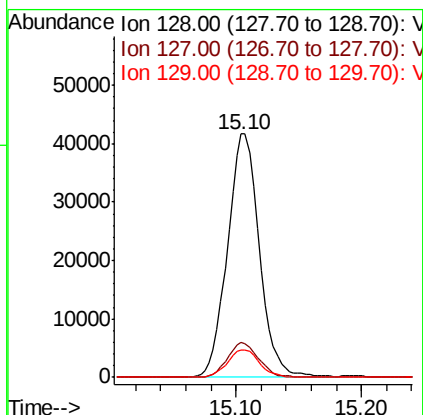
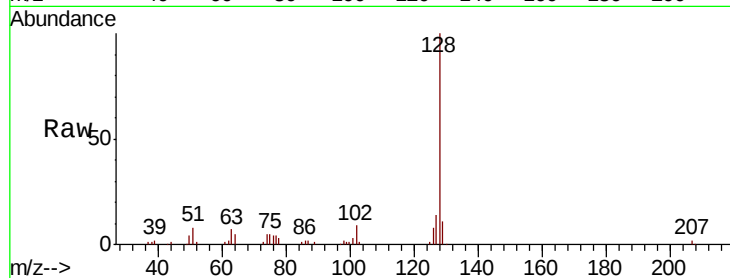




#95
Naphthalene
Concen: 16.706 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion:128 Resp: 73486
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.630 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion:180 Resp: 31272
Ion Ratio Lower Upper
180 100
182 93.8 48.1 144.3
145 33.4 16.7 50.1

