

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062876.D
 Acq On : 12 Aug 2020 23:53
 Operator : JC/MD
 Sample : VN0812WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Quant Time: Aug 13 05:26:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	162397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	265140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	249875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	114985	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	125992	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	7.55	113	88950	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	10.06	98	334216	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.38	95	118915	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	43298	18.619	ug/l 99
3) Chloromethane	2.03	50	49867	22.724	ug/l 94
4) Vinyl Chloride	2.16	62	47580	23.117	ug/l 98
5) Bromomethane	2.52	94	27309	20.043	ug/l 100
6) Chloroethane	2.66	64	28064	20.726	ug/l 99
7) Trichlorofluoromethane	2.98	101	68590	18.688	ug/l 99
8) Diethyl Ether	3.37	74	20068	19.100	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	27767	18.200	ug/l 98
10) Methyl Iodide	3.91	142	33377	18.763	ug/l 94
11) Tert butyl alcohol	4.74	59	39670	90.128	ug/l 99
12) 1,1-Dichloroethene	3.69	96	26585	18.486	ug/l 99
13) Acrolein	3.57	56	15631	58.653	ug/l 93
14) Allyl chloride	4.28	41	47241	16.615	ug/l 95
15) Acrylonitrile	4.93	53	98262	96.251	ug/l 99
16) Acetone	3.78	43	86798	89.447	ug/l 97
17) Carbon Disulfide	4.01	76	70162	17.261	ug/l 98
18) Methyl Acetate	4.28	43	47557	20.044	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	115162	18.303	ug/l 100
20) Methylene Chloride	4.50	84	35705	19.644	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	29446	18.119	ug/l 88
22) Diisopropyl ether	5.91	45	118429	19.567	ug/l 96
23) Vinyl Acetate	5.85	43	396434	86.111	ug/l 98
24) 1,1-Dichloroethane	5.80	63	64045	18.056	ug/l 99
25) 2-Butanone	6.79	43	123994	90.219	ug/l 99
26) 2,2-Dichloropropane	6.78	77	39115	11.963	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	36101	18.518	ug/l 90
28) Bromochloromethane	7.15	49	33360	19.488	ug/l 98
29) Tetrahydrofuran	7.17	42	83619	93.651	ug/l 98
30) Chloroform	7.33	83	69477	18.431	ug/l 98
31) Cyclohexane	7.62	56	56657	17.401	ug/l 95
32) 1,1,1-Trichloroethane	7.53	97	59479	17.648	ug/l 98
36) 1,1-Dichloropropene	7.75	75	44090	17.078	ug/l 99
37) Ethyl Acetate	6.88	43	49087	18.202	ug/l 98
38) Carbon Tetrachloride	7.73	117	52143	17.077	ug/l 95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51031	16.425	ug/l	98
40) Benzene	8.00	78	137135	17.801	ug/l	99
41) Methacrylonitrile	7.17	41	75698	62.204	ug/l #	6
42) 1,2-Dichloroethane	8.08	62	57859	17.646	ug/l	87
43) Isopropyl Acetate	8.13	43	78010	17.342	ug/l	97
44) Trichloroethene	8.80	130	32877	17.517	ug/l	99
45) 1,2-Dichloropropane	9.09	63	40766	19.552	ug/l	100
46) Dibromomethane	9.17	93	25380	18.578	ug/l	99
47) Bromodichloromethane	9.37	83	56191	18.313	ug/l	99
48) Methyl methacrylate	9.17	41	38239	17.283	ug/l	99
49) 1,4-Dioxane	9.17	88	15512	378.371	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	268495	92.253	ug/l	100
52) Toluene	10.13	92	84403	17.745	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	55575	16.466	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	57238	16.891	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	37888	18.650	ug/l	98
56) Ethyl methacrylate	10.40	69	53798	17.594	ug/l	97
57) 1,3-Dichloropropane	10.68	76	62300	18.049	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	64271	74.360	ug/l	99
59) 2-Hexanone	10.72	43	194276	89.487	ug/l	99
60) Dibromochloromethane	10.87	129	42865	18.490	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37366	18.640	ug/l	100
64) Tetrachloroethene	10.60	164	28930	17.944	ug/l	98
65) Chlorobenzene	11.41	112	94272	18.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	39004	18.595	ug/l	98
67) Ethyl Benzene	11.49	91	162192	17.352	ug/l	99
68) m/p-Xylenes	11.60	106	119455	35.206	ug/l	97
69) o-Xylene	11.92	106	56784	17.858	ug/l	100
70) Styrene	11.94	104	101239	18.114	ug/l	98
71) Bromoform	12.10	173	30307	17.659	ug/l #	100
73) Isopropylbenzene	12.23	105	156297	18.052	ug/l	98
74) N-amyl acetate	12.05	43	67088	19.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	58214	19.099	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	72946	23.523	ug/l #	100
77) Bromobenzene	12.50	156	39457	18.341	ug/l	96
78) n-propylbenzene	12.57	91	179969	17.707	ug/l	99
79) 2-Chlorotoluene	12.65	91	115055	18.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	141550	18.844	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	16233	15.980	ug/l	99
82) 4-Chlorotoluene	12.75	91	117103	17.829	ug/l	97
83) tert-Butylbenzene	12.97	119	116702	18.361	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	134319	18.692	ug/l	97
85) sec-Butylbenzene	13.15	105	153561	18.398	ug/l	100
86) p-Isopropyltoluene	13.26	119	131805	17.790	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	68301	17.772	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	69019	17.905	ug/l	99
89) n-Butylbenzene	13.59	91	99206	15.832	ug/l	99
90) Hexachloroethane	13.85	117	28256	17.693	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	67709	18.792	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11933	18.236	ug/l	100

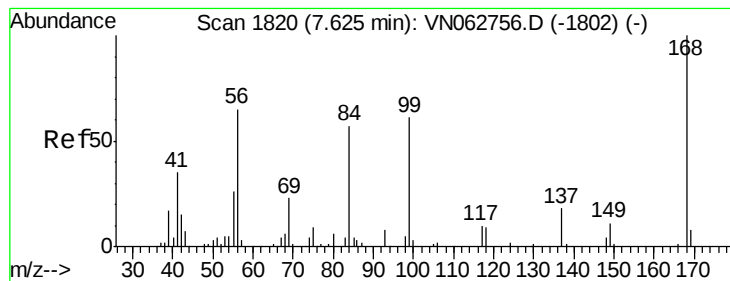
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	26300	16.010	ug/l	98
94) Hexachlorobutadiene	14.98	225	20799	17.329	ug/l	98
95) Naphthalene	15.11	128	70668	16.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28707	16.967	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

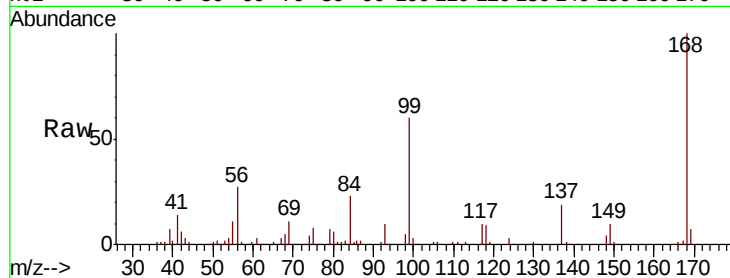
VN0812WBS02

Tot Ion:168 Resp: 162397

Ion Ratio Lower Upper

168 100

99 60.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

60000

40000

20000

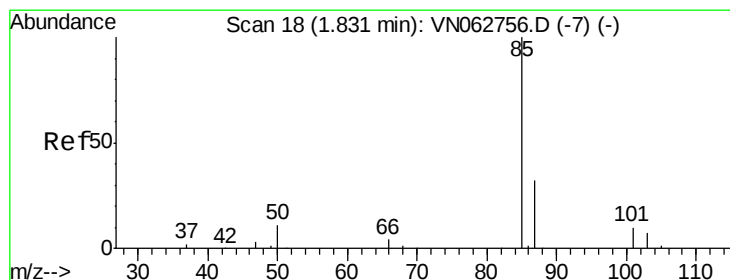
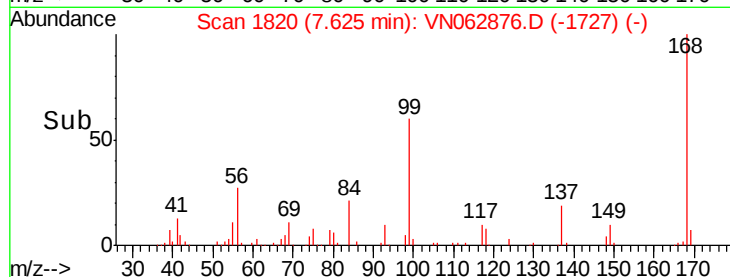
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.619 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062876.D

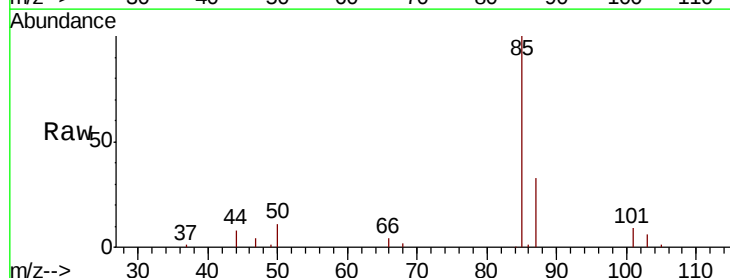
Acq: 12 Aug 2020 23:53

Tgt Ion: 85 Resp: 43298

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

20000

10000

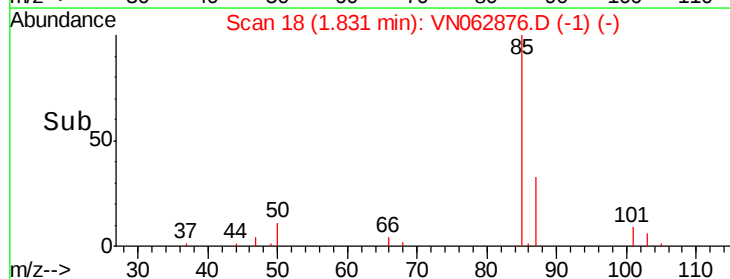
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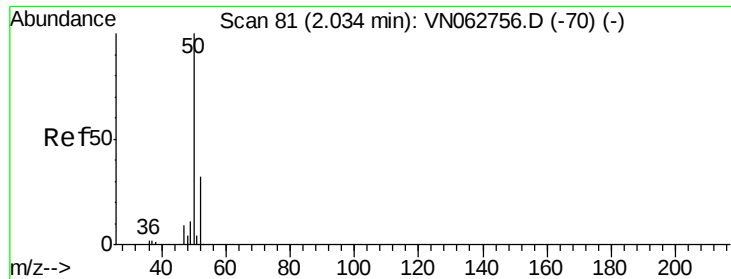
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 22.724 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

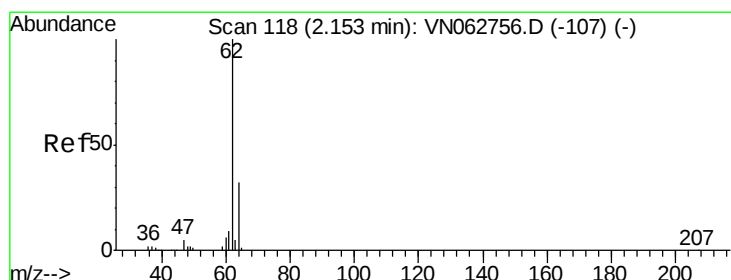
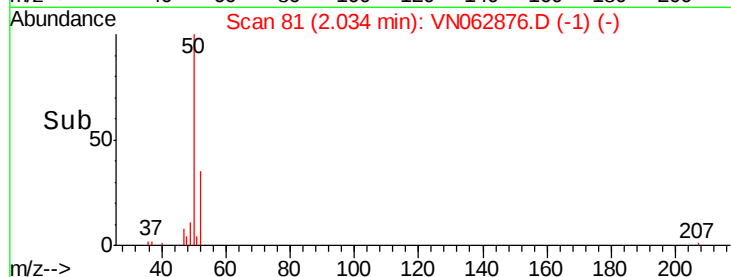
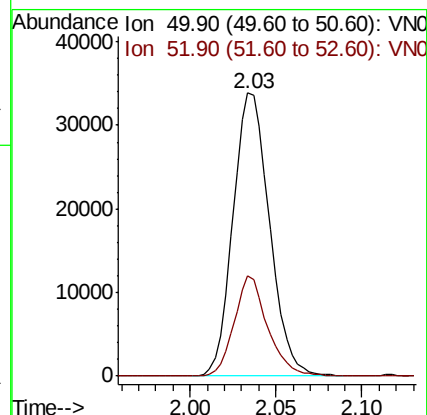
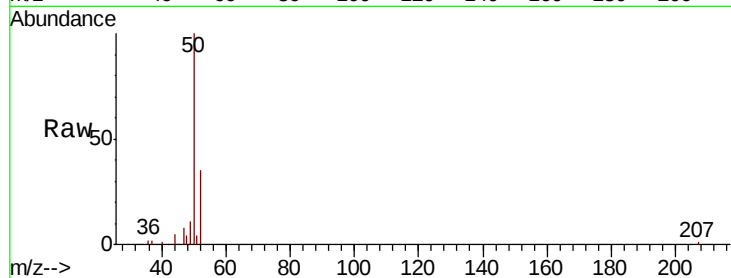
VN0812WBS02

Tot Ion: 50 Resp: 49867

Ion Ratio Lower Upper

50 100

52 35.3 25.6 38.4



#4

Vinyl Chloride

Concen: 23.117 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062876.D

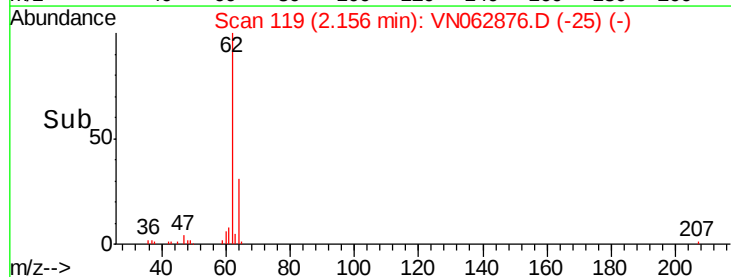
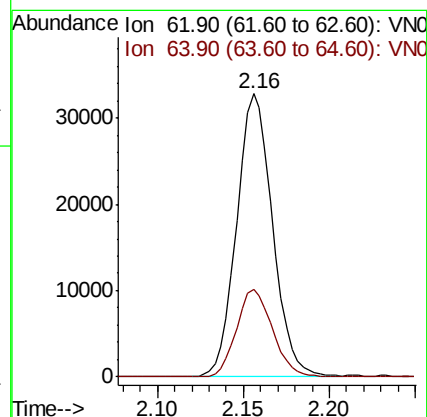
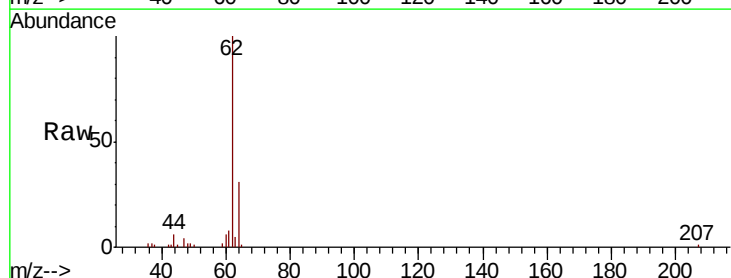
Acq: 12 Aug 2020 23:53

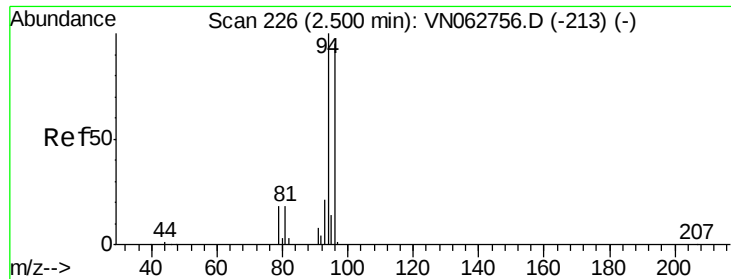
Tgt Ion: 62 Resp: 47580

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.8





#5

Bromomethane

Concen: 20.043 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

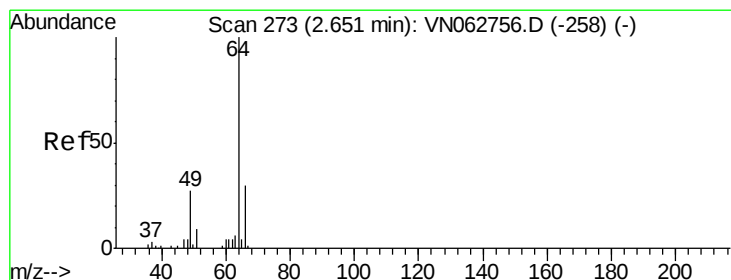
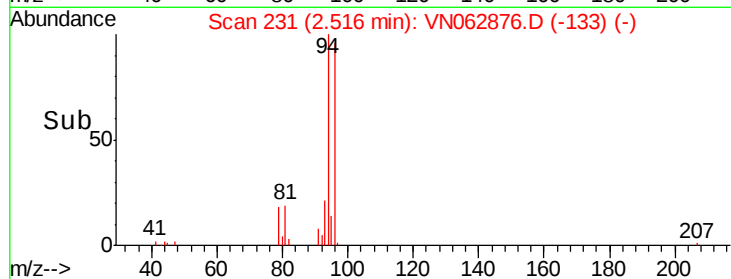
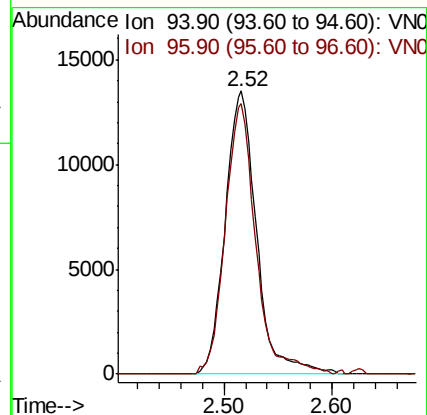
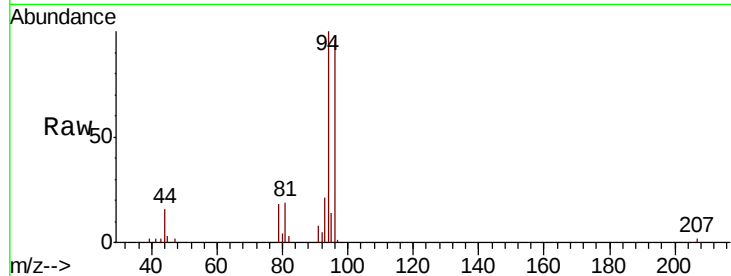
VN0812WBS02

Tot Ion: 94 Resp: 27309

Ion Ratio Lower Upper

94 100

96 95.7 76.2 114.4



#6

Chloroethane

Concen: 20.726 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062876.D

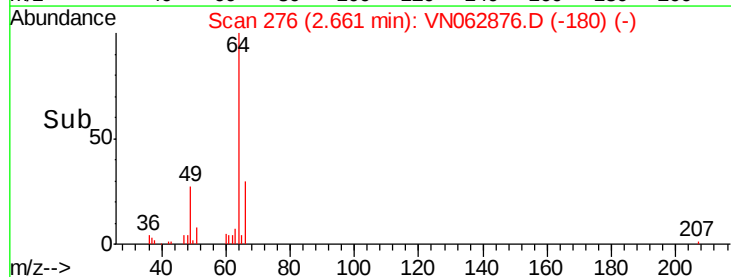
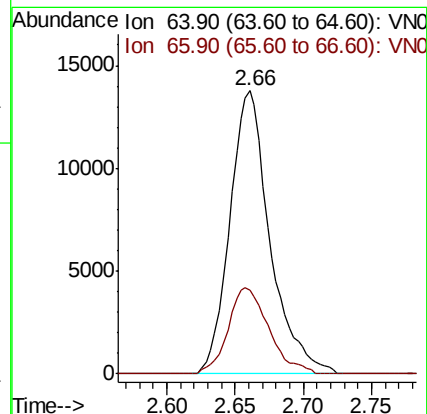
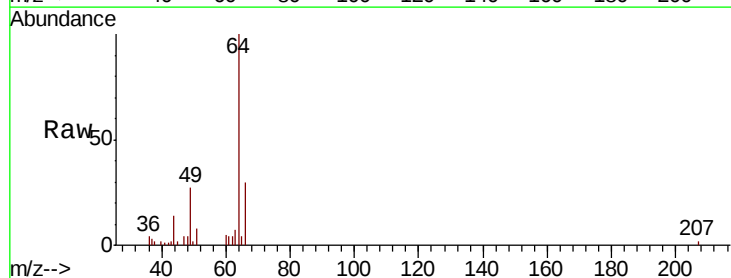
Acq: 12 Aug 2020 23:53

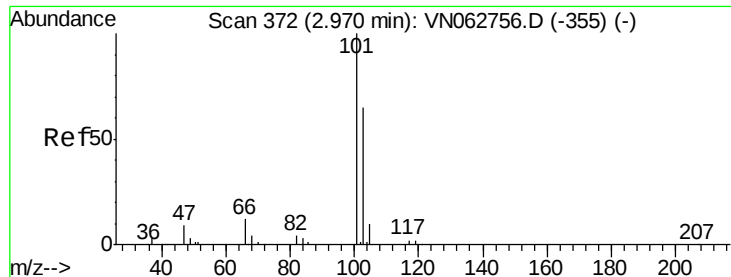
Tgt Ion: 64 Resp: 28064

Ion Ratio Lower Upper

64 100

66 29.6 24.0 36.0



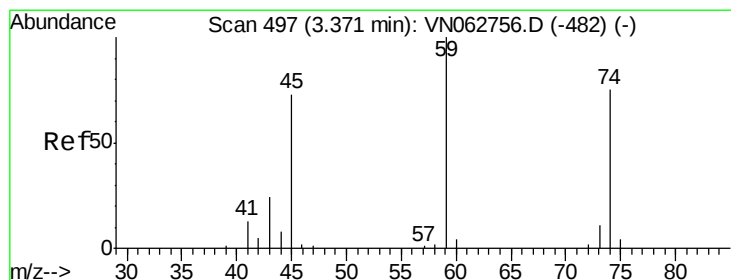
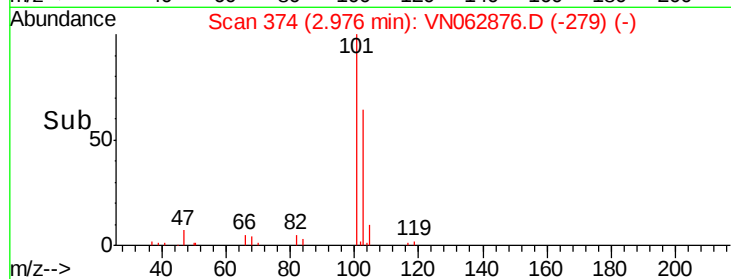
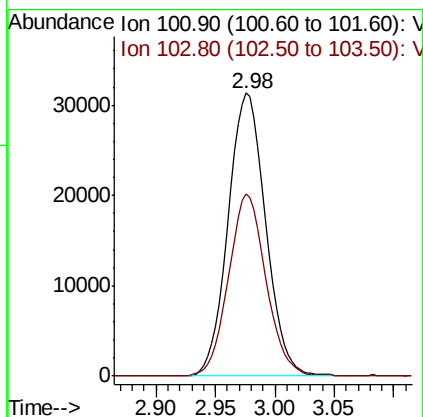
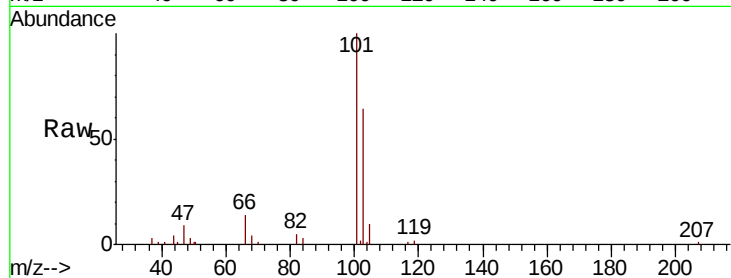


#7

Trichlorofluoromethane
 Concen: 18.688 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
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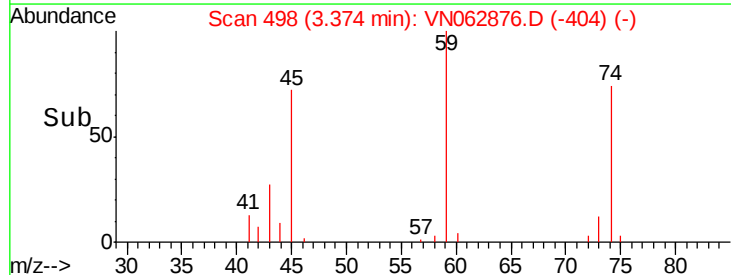
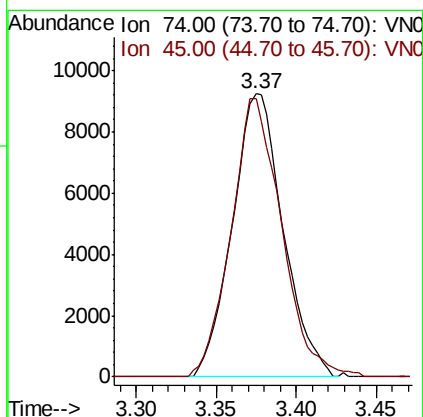
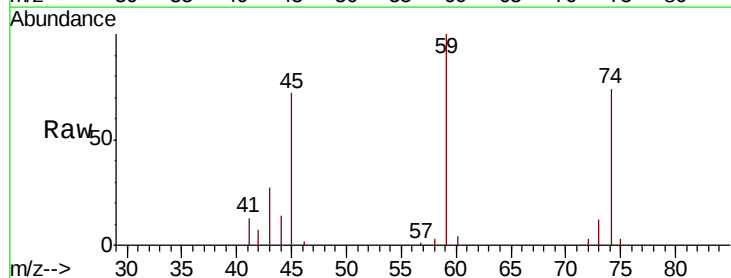
Tot Ion:101 Resp: 68590
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5

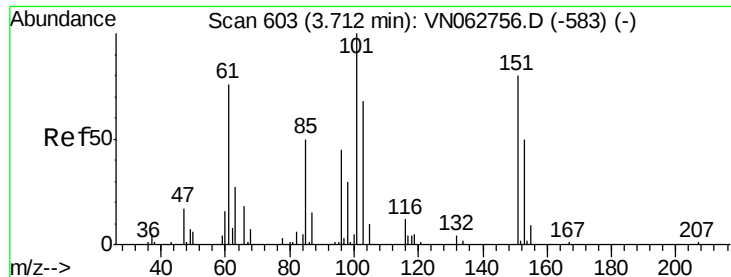


#8

Diethyl Ether
 Concen: 19.100 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion: 74 Resp: 20068
 Ion Ratio Lower Upper
 74 100
 45 97.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.200 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

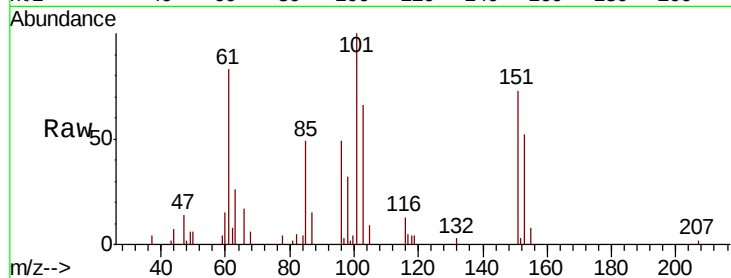
Tot Ion:101 Resp: 27767

Ion Ratio Lower Upper

101 100

85 47.0 38.5 57.7

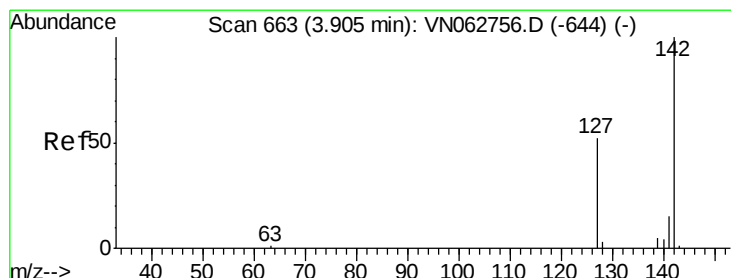
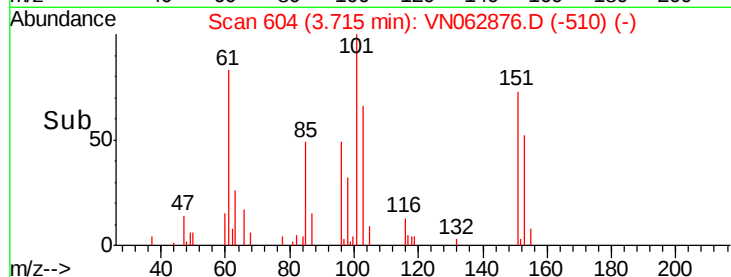
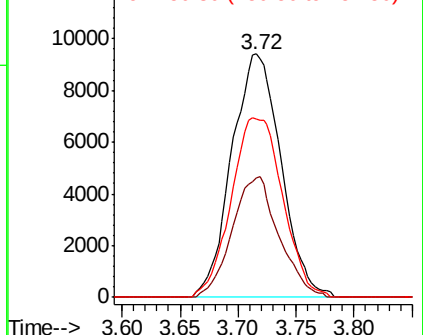
151 77.2 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.763 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.01 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

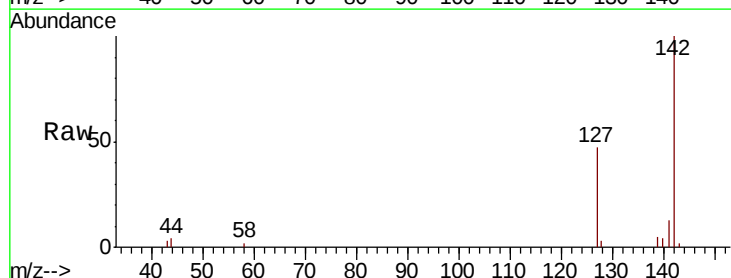
Tgt Ion:142 Resp: 33377

Ion Ratio Lower Upper

142 100

127 47.6 41.4 62.0

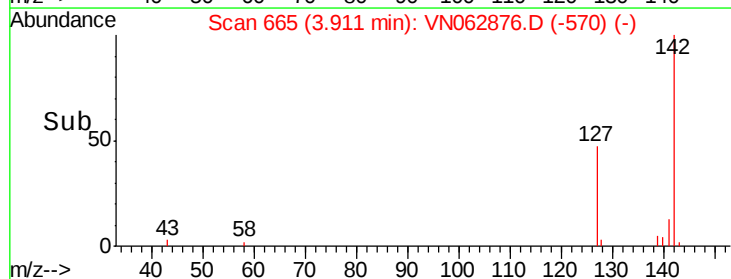
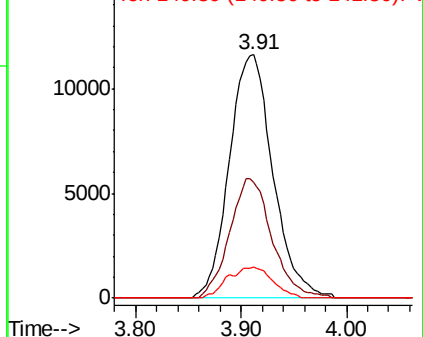
141 13.2 12.2 18.4

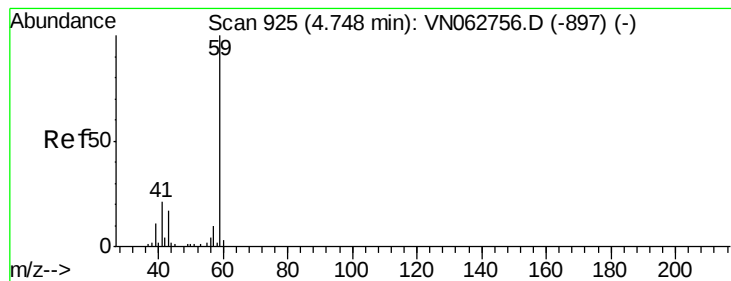


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



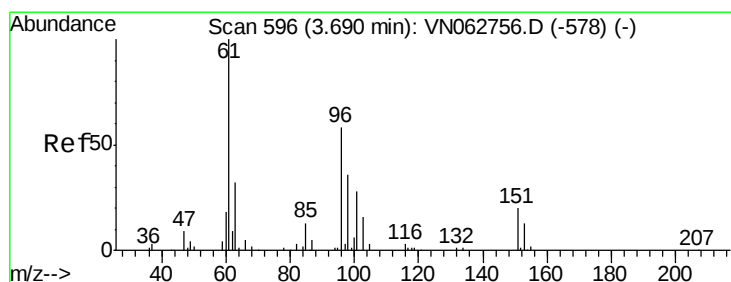
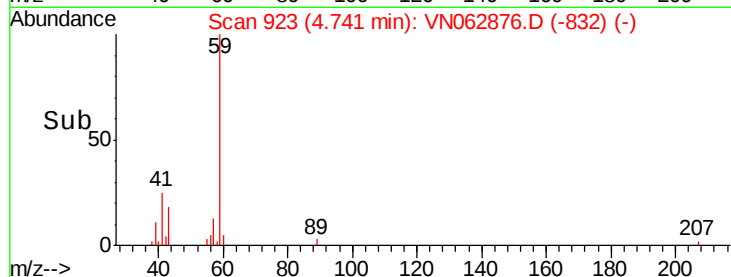
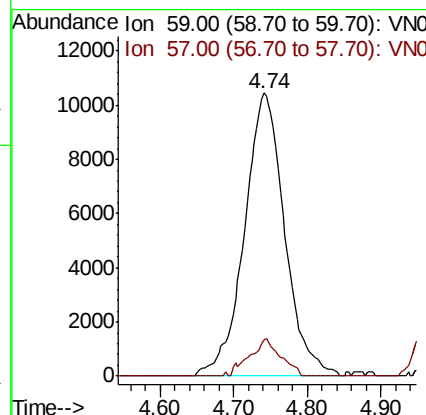
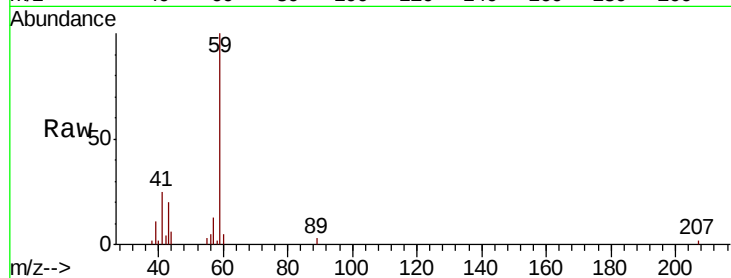


#11

Tert butyl alcohol
 Concen: 90.128 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

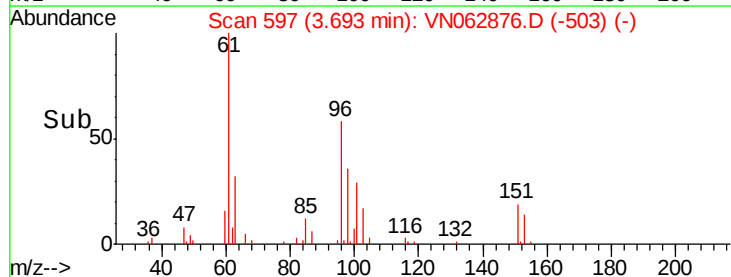
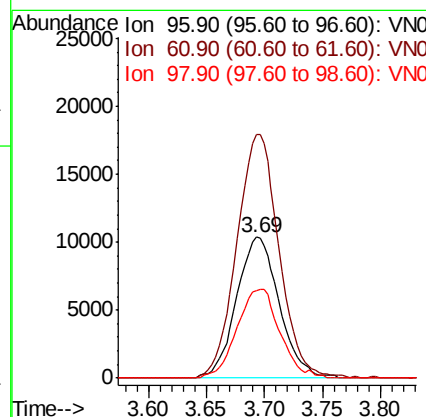
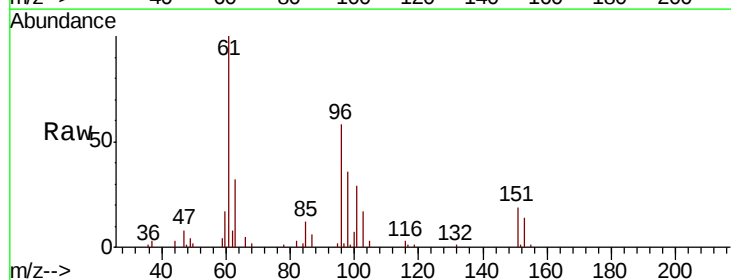
Tot Ion: 59 Resp: 39670
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

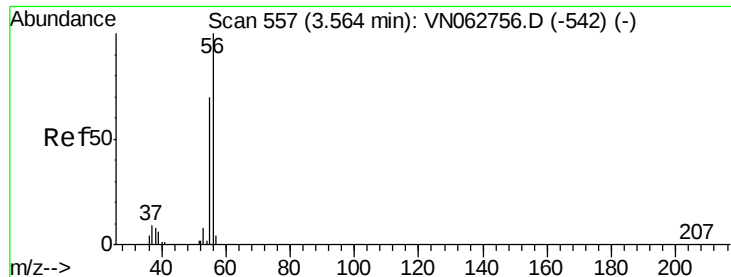


#12

1,1-Dichloroethene
 Concen: 18.486 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion: 96 Resp: 26585
 Ion Ratio Lower Upper
 96 100
 61 172.6 139.0 208.6
 98 62.3 50.2 75.4





#13

Acrolein

Concen: 58.653 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

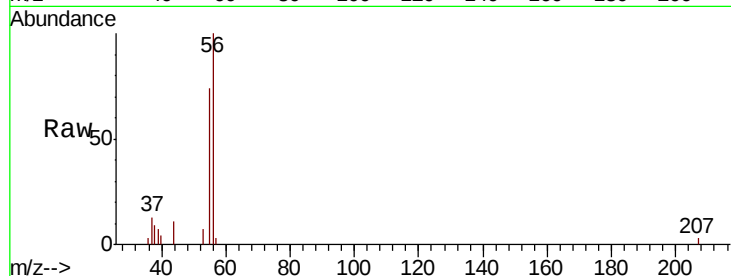
VN0812WBS02

Tot Ion: 56 Resp: 15631

Ion Ratio Lower Upper

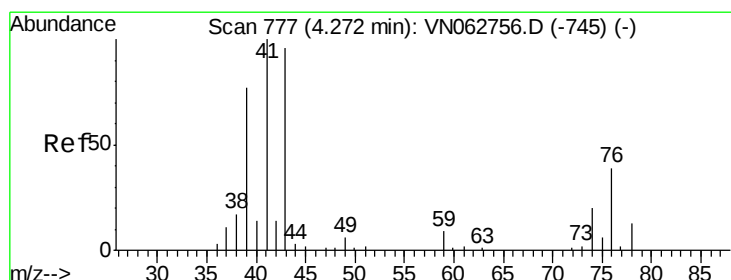
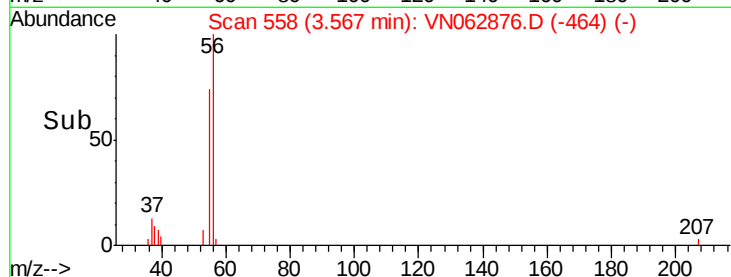
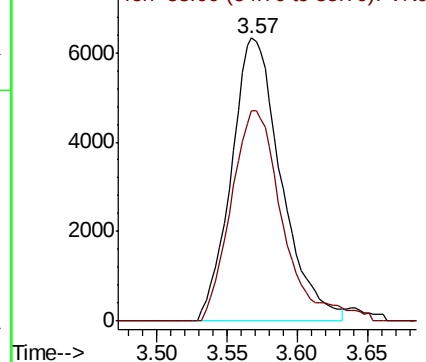
56 100

55 77.1 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.615 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.01 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

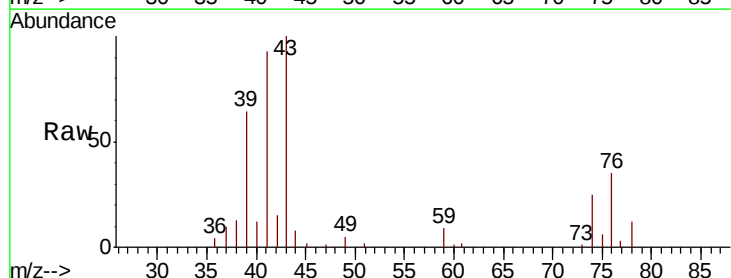
Tgt Ion: 41 Resp: 47241

Ion Ratio Lower Upper

41 100

39 65.4 55.7 83.5

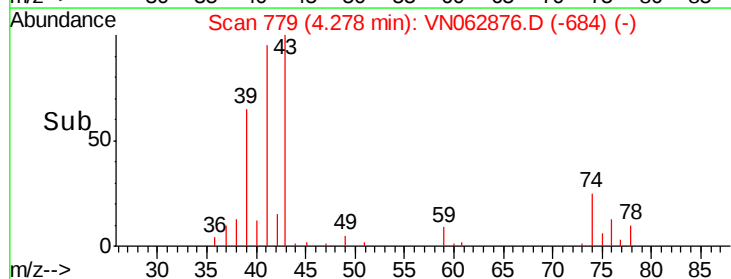
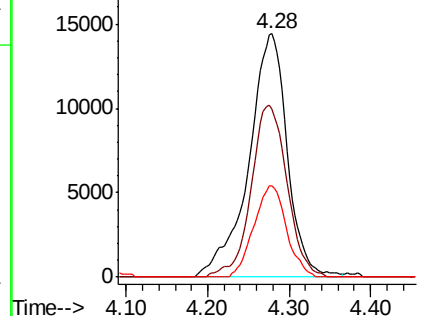
76 31.6 27.5 41.3

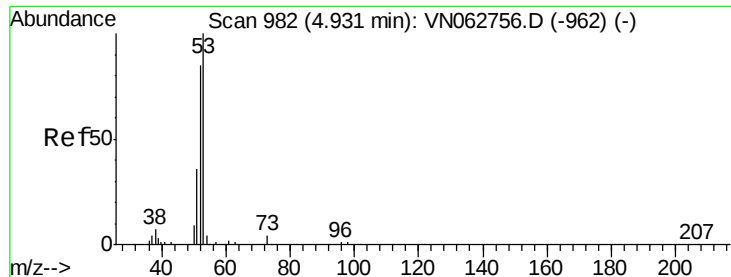


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 96.251 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

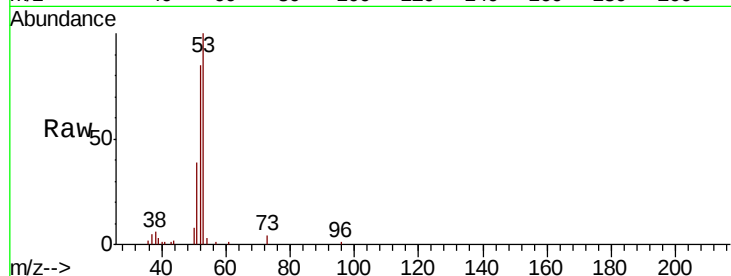
Tot Ion: 53 Resp: 98262

Ion Ratio Lower Upper

53 100

52 83.3 66.8 100.2

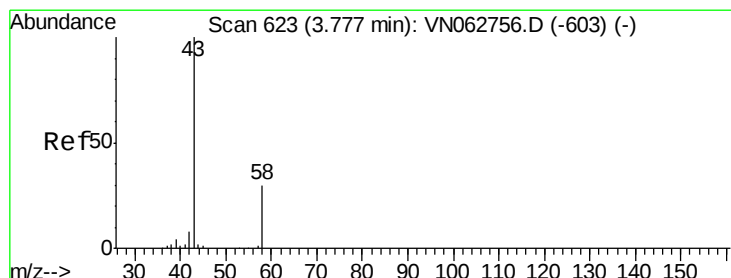
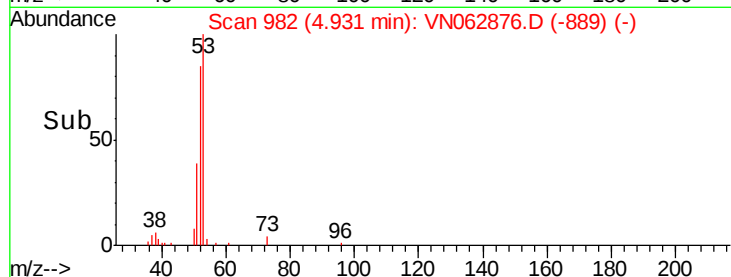
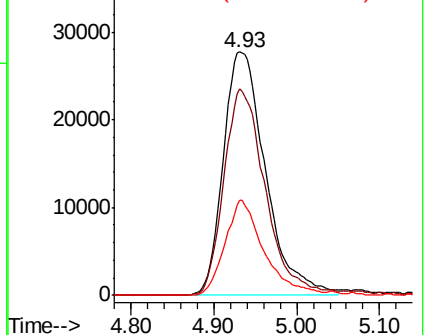
51 36.1 29.5 44.3



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: 89.447 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062876.D

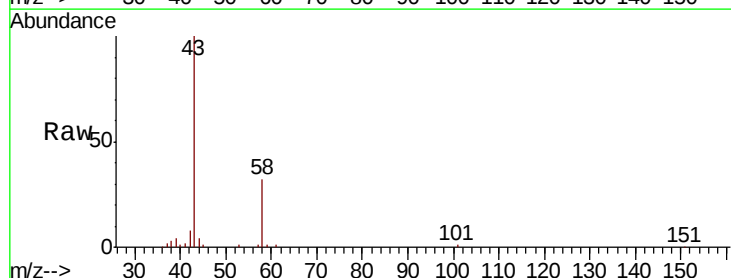
Acq: 12 Aug 2020 23:53

Tgt Ion: 43 Resp: 86798

Ion Ratio Lower Upper

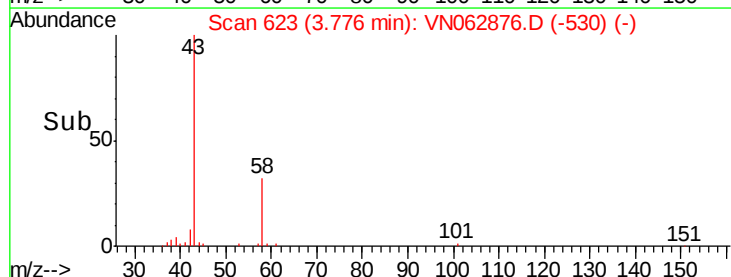
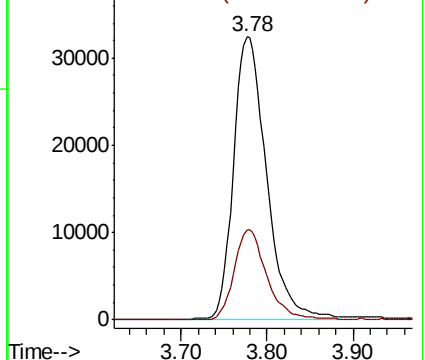
43 100

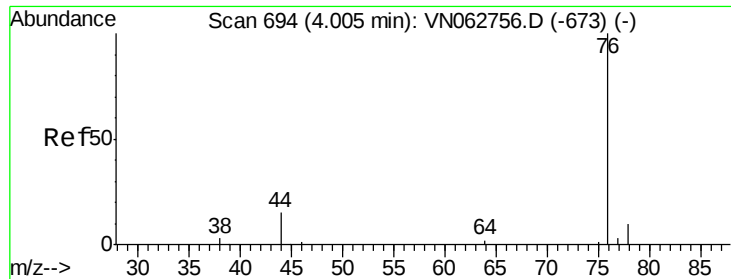
58 31.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

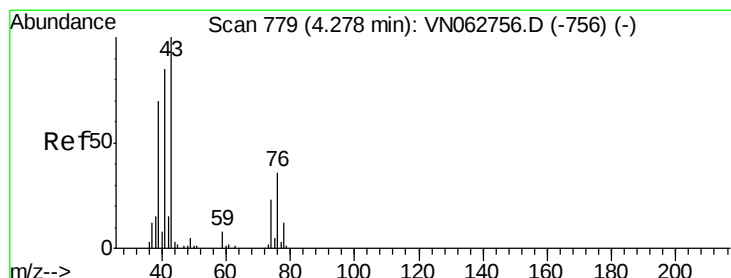
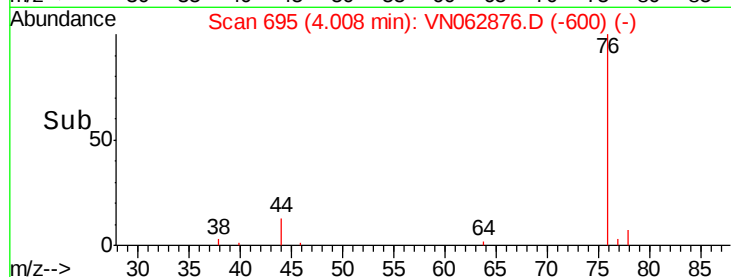
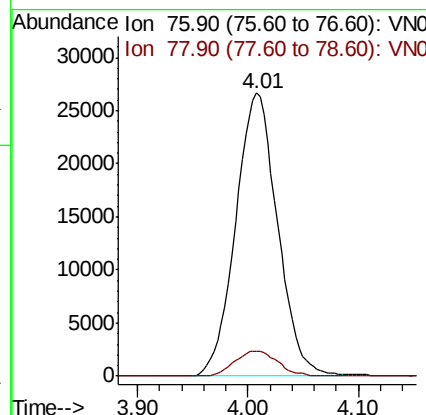
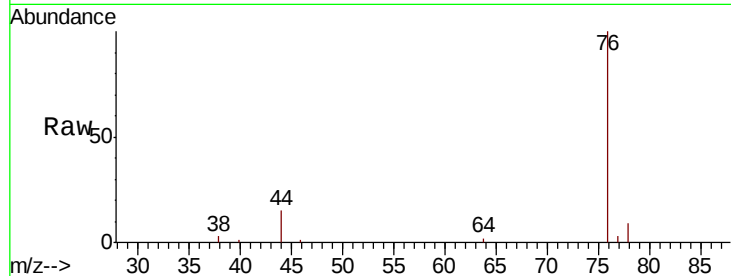




#17
Carbon Disulfide
Concen: 17.261 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

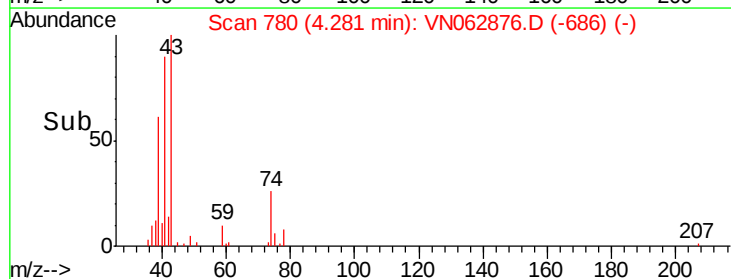
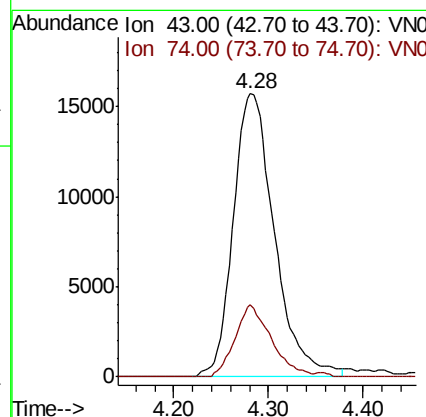
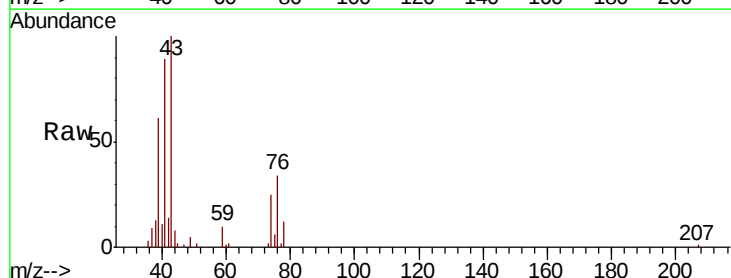
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

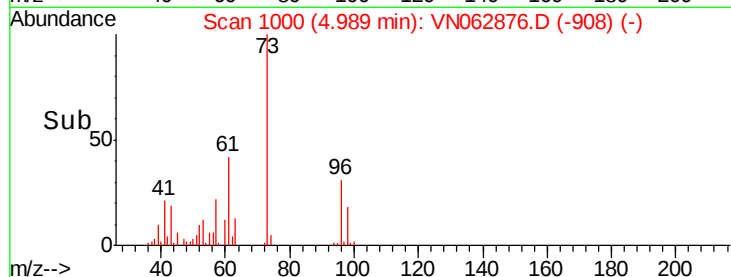
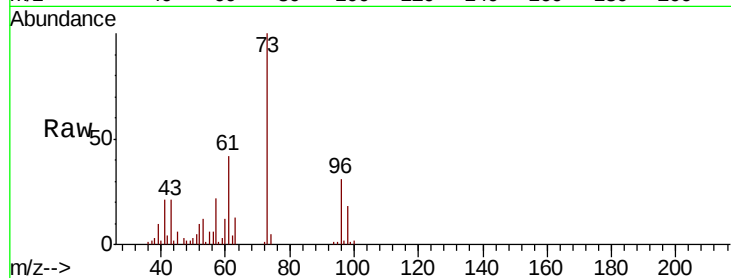
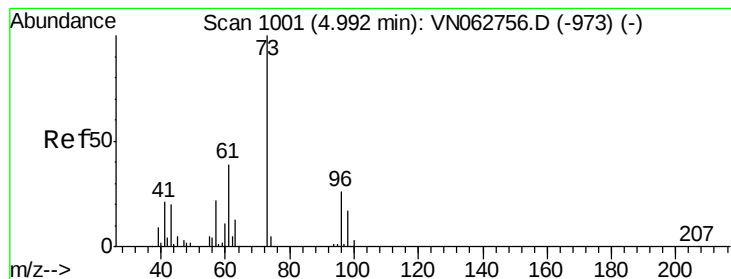
Tot Ion: 76 Resp: 70162
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5



#18
Methyl Acetate
Concen: 20.044 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 43 Resp: 47557
Ion Ratio Lower Upper
43 100
74 22.4 18.6 28.0



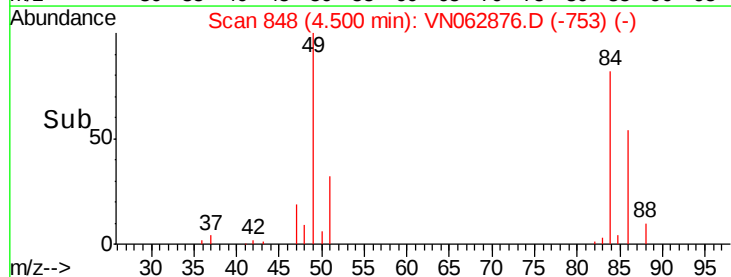
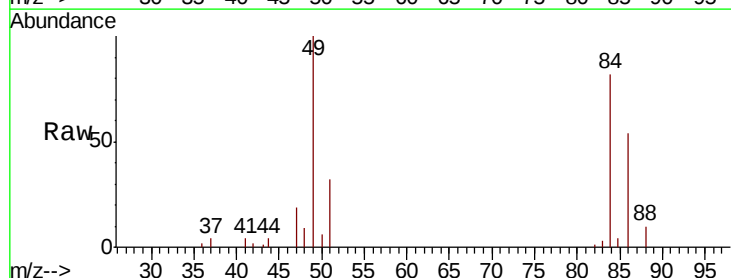
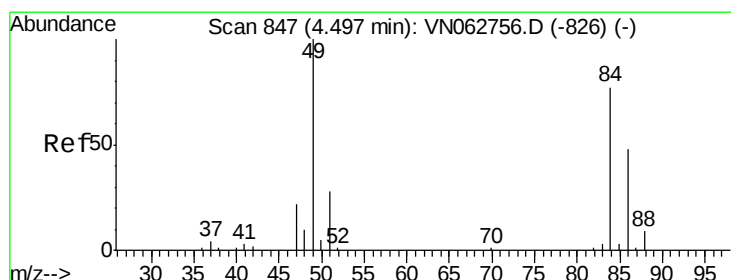
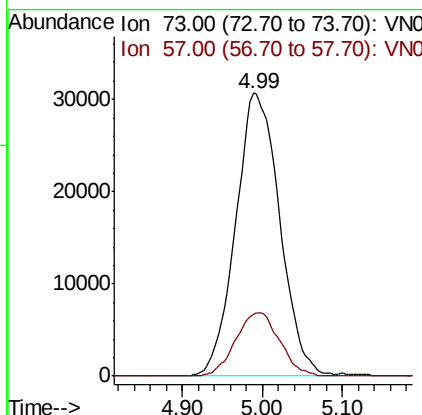


#19

Methyl tert-butyl Ether
 Concen: 18.303 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0812WBS02

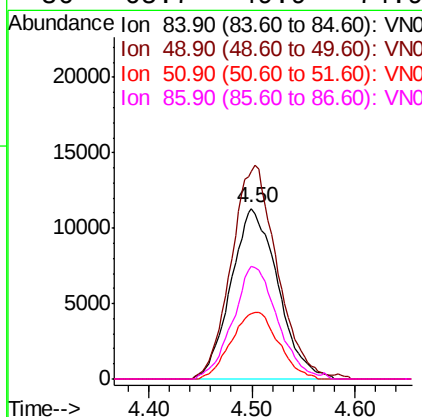
Tot Ion: 73 Resp: 115162
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.5 26.3

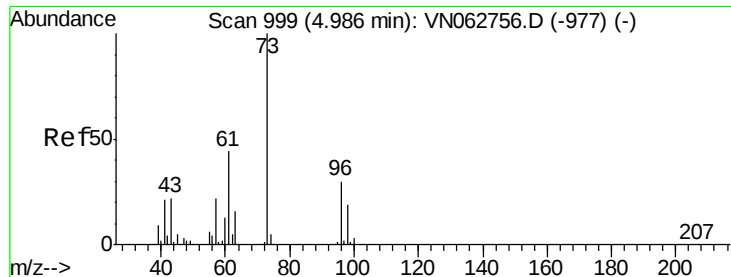


#20

Methylene Chloride
 Concen: 19.644 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion: 84 Resp: 35705
 Ion Ratio Lower Upper
 84 100
 49 121.7 103.4 155.2
 51 38.4 29.3 43.9
 86 65.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.119 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

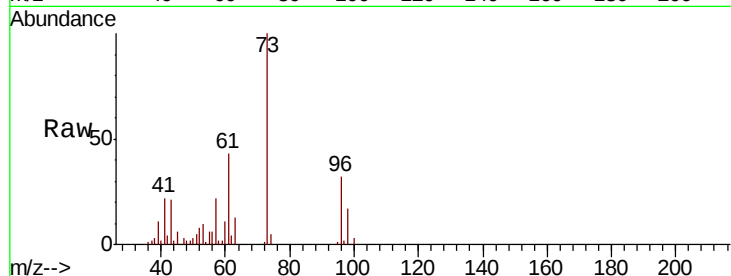
Tot Ion: 96 Resp: 29446

Ion Ratio Lower Upper

96 100

61 133.2 118.8 178.2

98 54.2 51.0 76.4

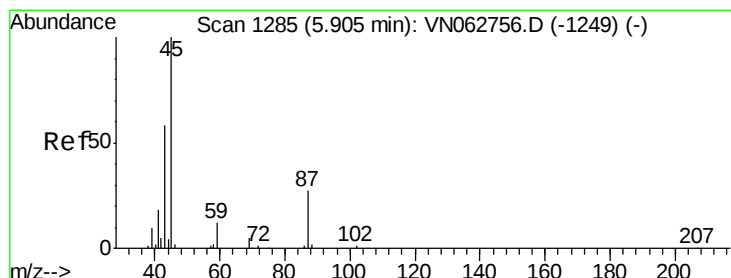
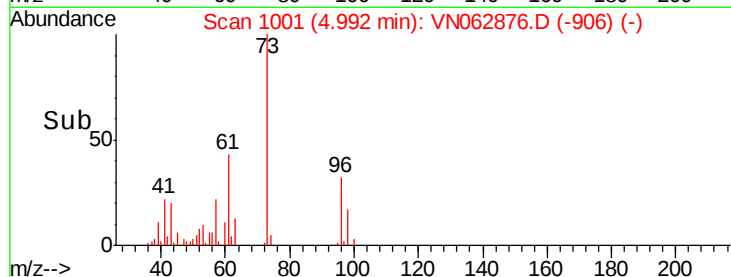
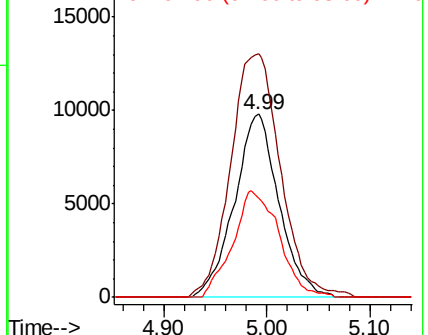


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.567 ug/l

RT: 5.91 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion: 45 Resp: 118429

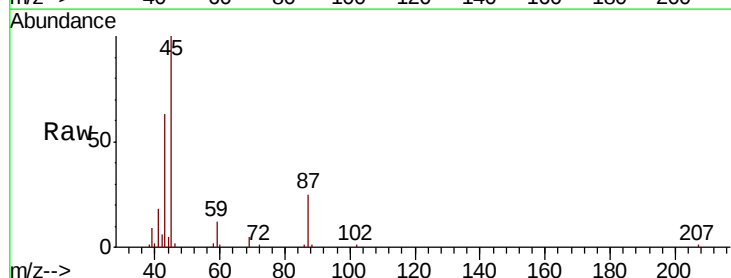
Ion Ratio Lower Upper

45 100

43 61.2 47.4 71.2

87 24.9 22.8 34.2

59 11.8 9.9 14.9



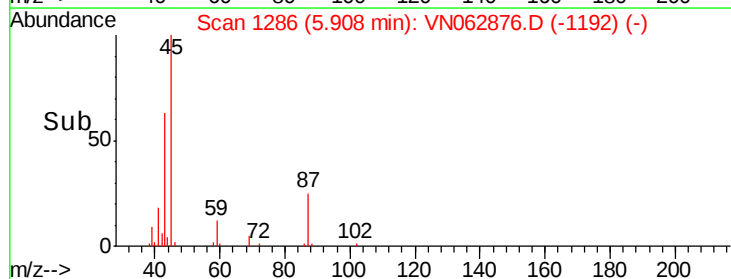
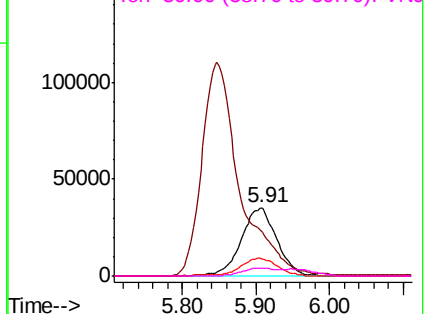
Abundance

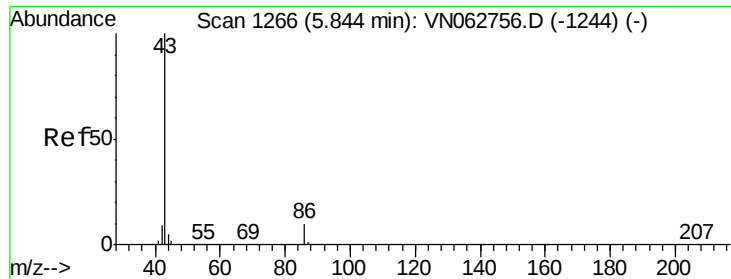
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 86.111 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

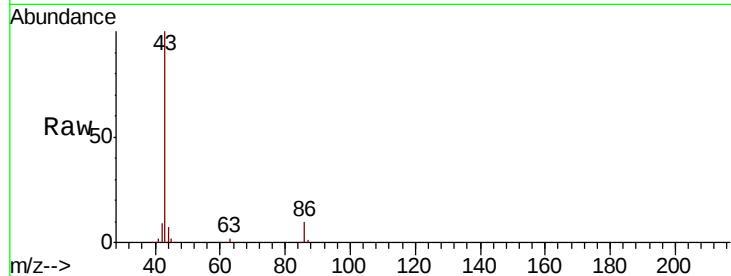
VN0812WBS02

Tot Ion: 43 Resp: 396434

Ion Ratio Lower Upper

43 100

86 10.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

120000

100000

80000

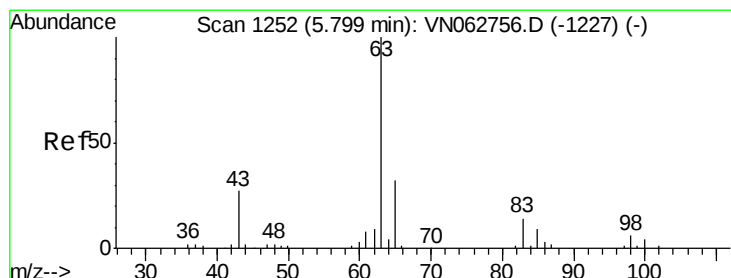
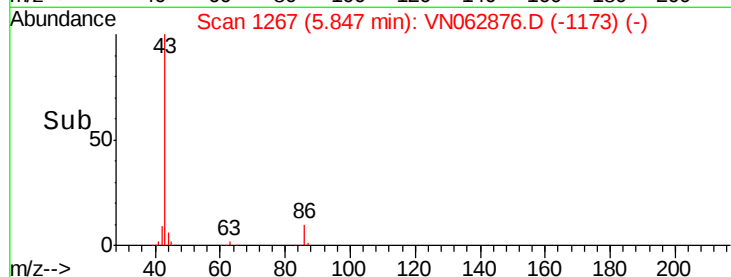
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.056 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

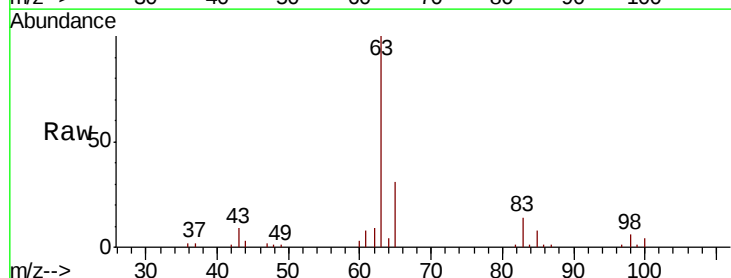
Tgt Ion: 63 Resp: 64045

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 4.2 1.9 5.7



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

25000

20000

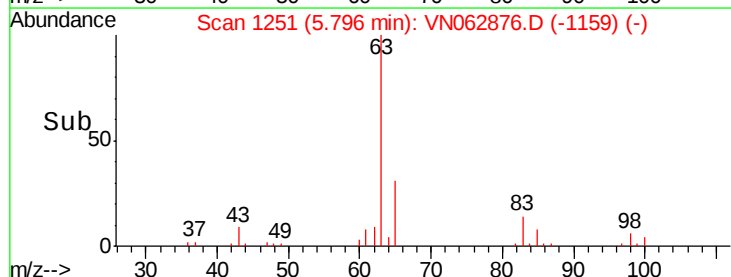
15000

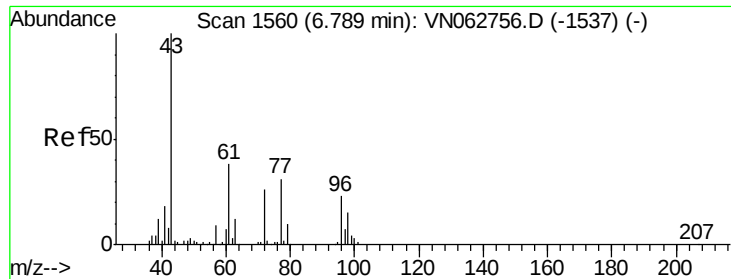
10000

5000

0

Time-->

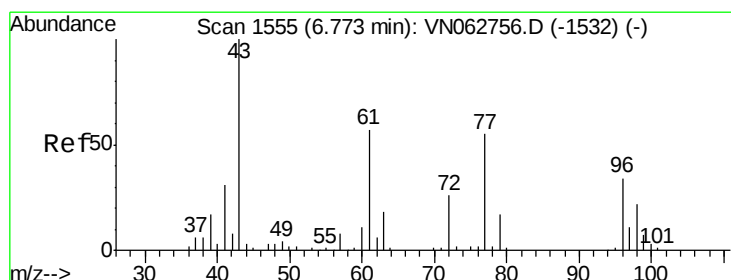
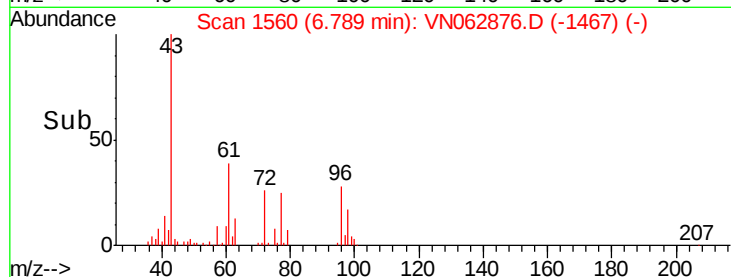
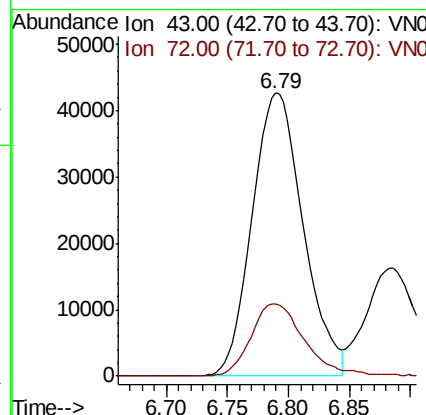
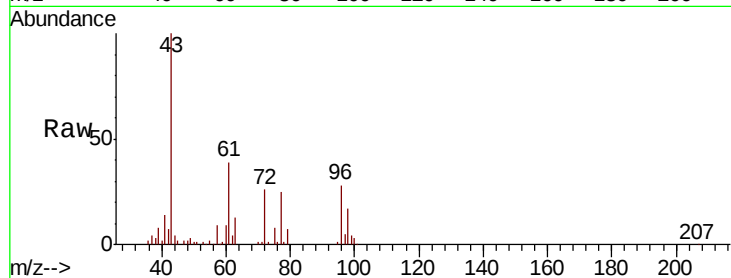




#25
2-Butanone
Concen: 90.219 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

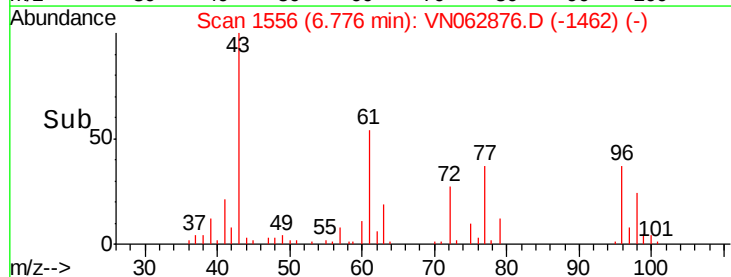
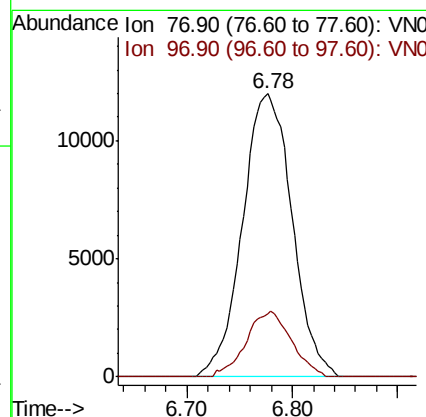
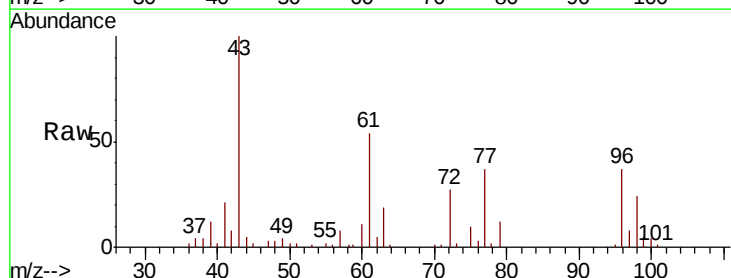
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

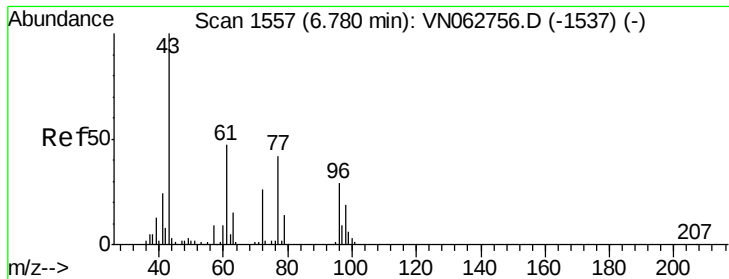
Tot Ion: 43 Resp: 123994
Ion Ratio Lower Upper
43 100
72 25.6 21.1 31.7



#26
2,2-Dichloropropane
Concen: 11.963 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 77 Resp: 39115
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.518 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

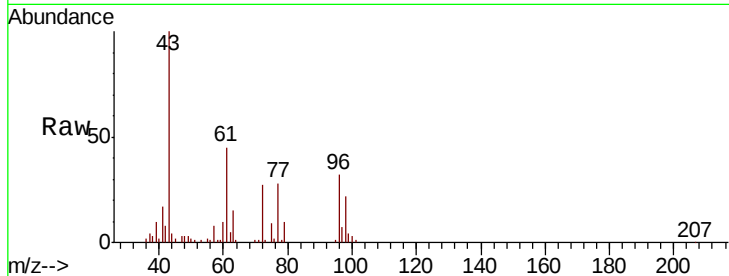
Tot Ion: 96 Resp: 36101

Ion Ratio Lower Upper

96 100

61 147.4 0.0 332.2

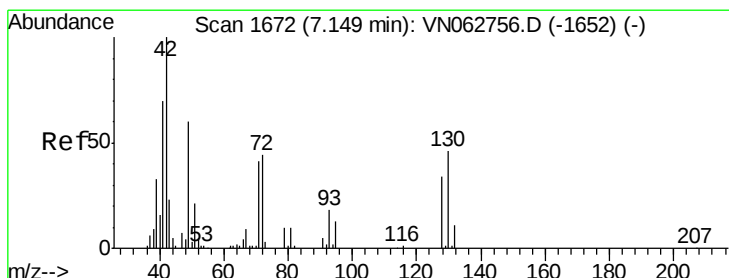
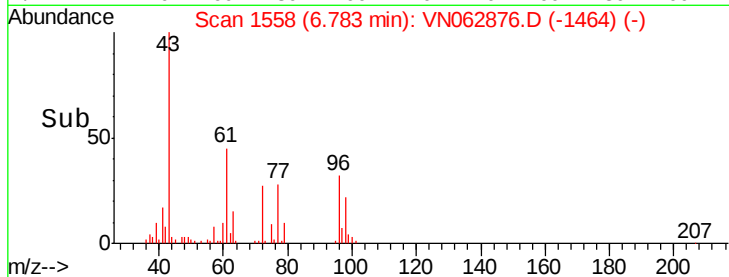
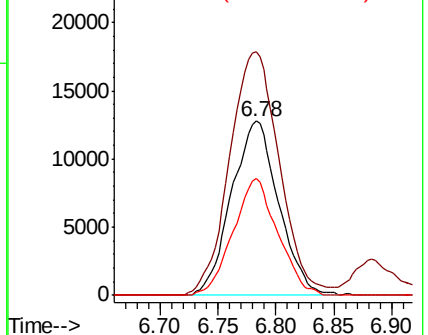
98 63.4 0.0 129.4



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: 19.488 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

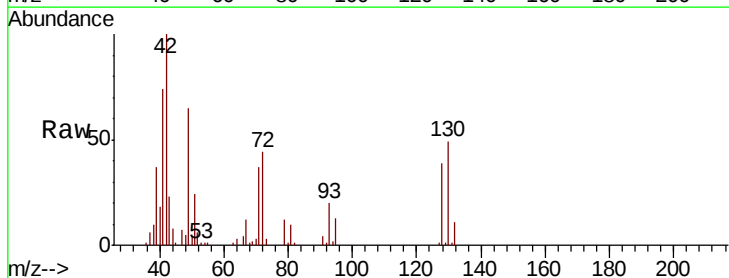
Tgt Ion: 49 Resp: 33360

Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.2

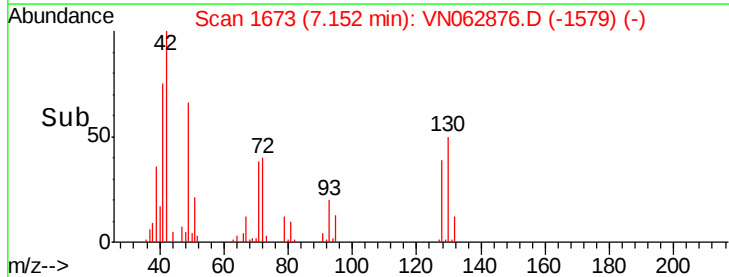
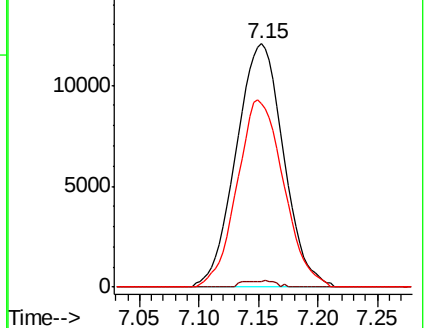
130 75.4 59.0 88.6

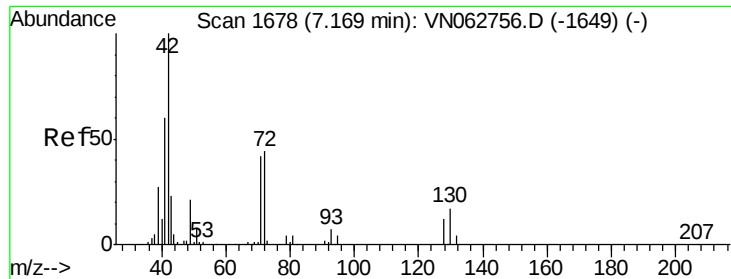


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

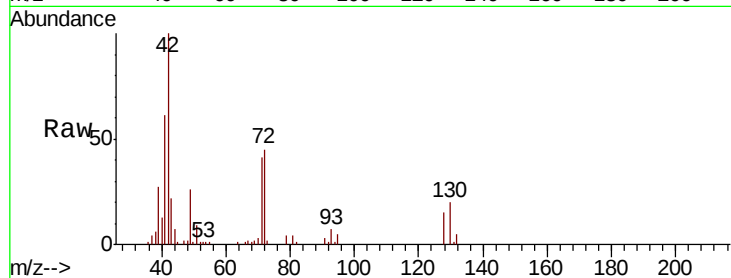




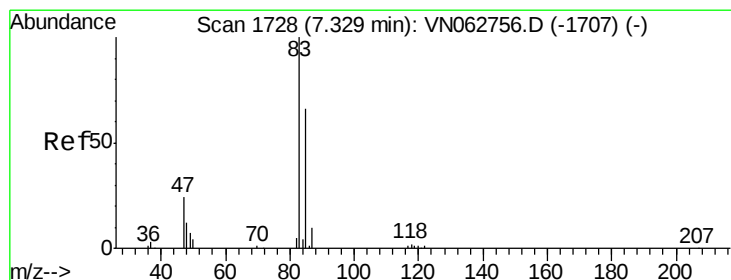
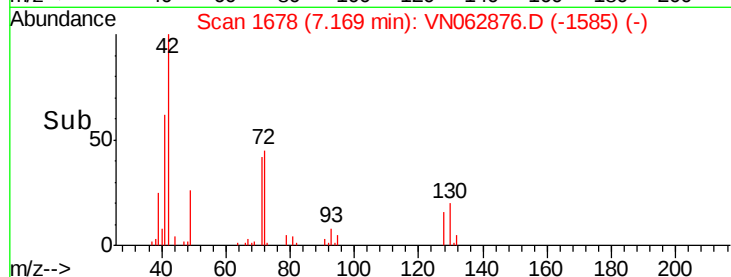
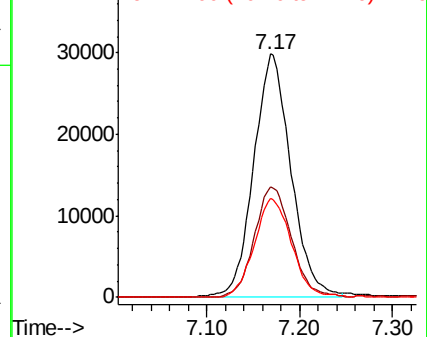
#29
Tetrahydrofuran
Concen: 93.651 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion: 42 Resp: 83619
Ion Ratio Lower Upper
42 100
72 45.1 35.0 52.4
71 40.6 33.2 49.8

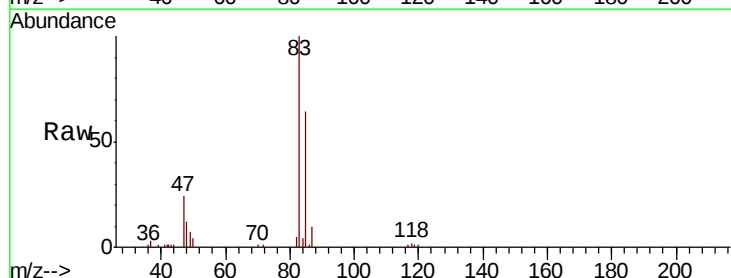


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

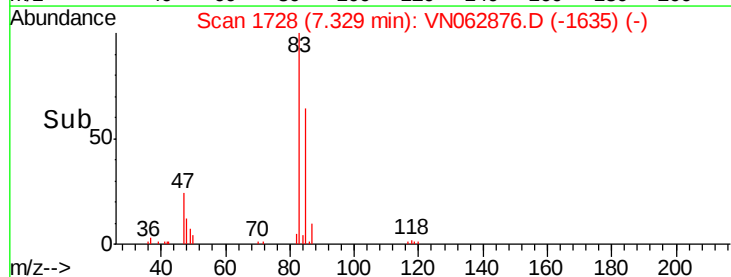
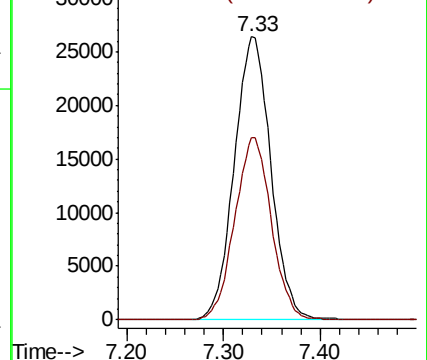


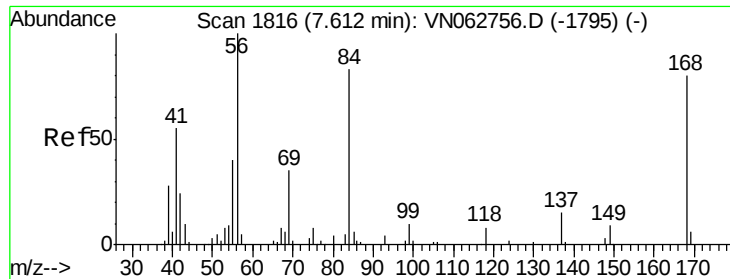
#30
Chloroform
Concen: 18.431 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 83 Resp: 69477
Ion Ratio Lower Upper
83 100
85 64.4 52.7 79.1



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

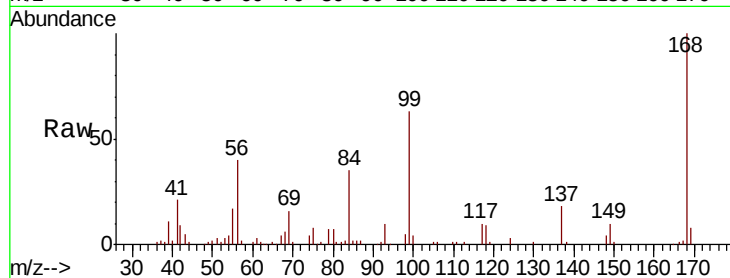




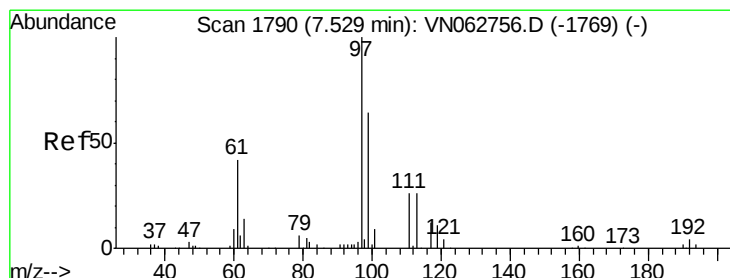
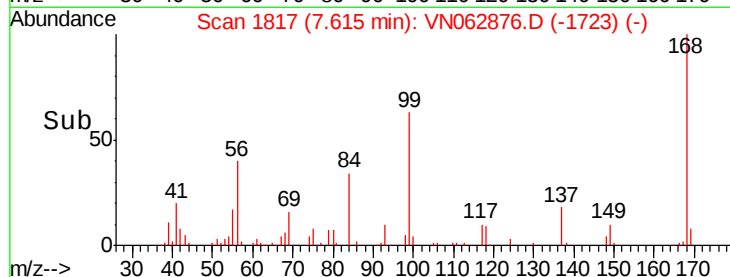
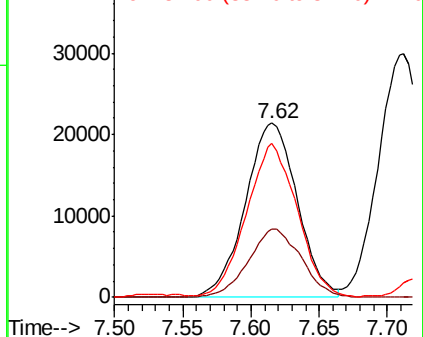
#31
Cyclohexane
Concen: 17.401 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion: 56 Resp: 56657
Ion Ratio Lower Upper
56 100
69 39.1 28.1 42.1
84 87.2 66.8 100.2

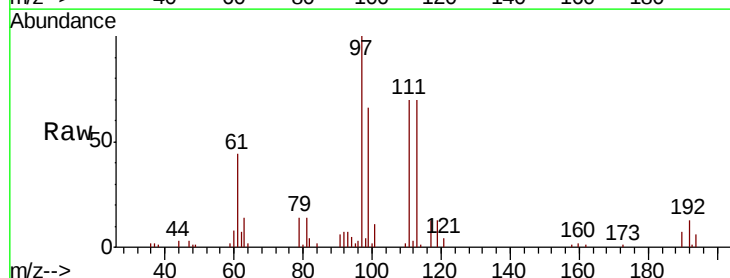


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

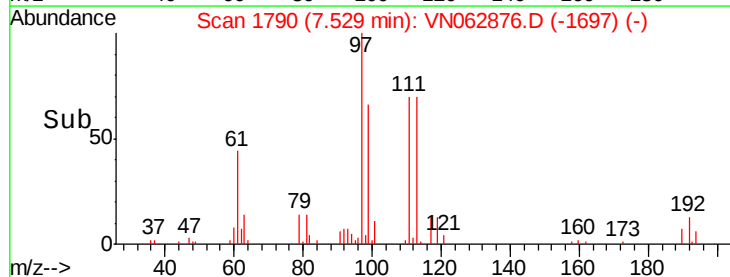
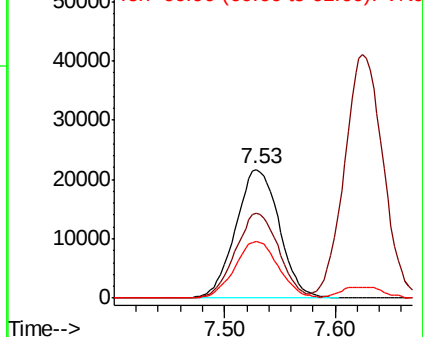


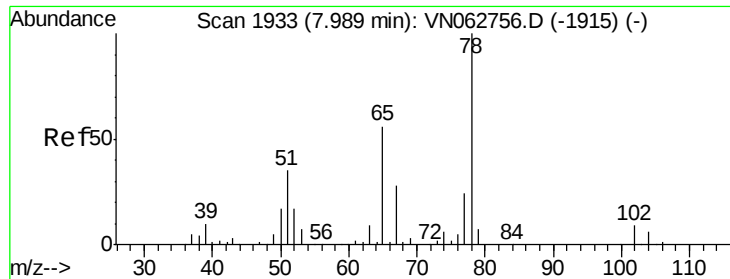
#32
1,1,1-Trichloroethane
Concen: 17.648 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 97 Resp: 59479
Ion Ratio Lower Upper
97 100
99 65.4 50.0 75.0
61 44.0 34.8 52.2



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

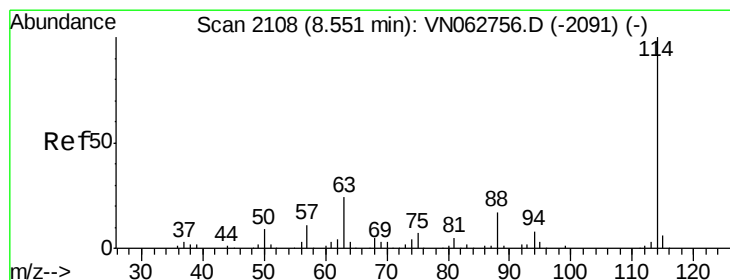
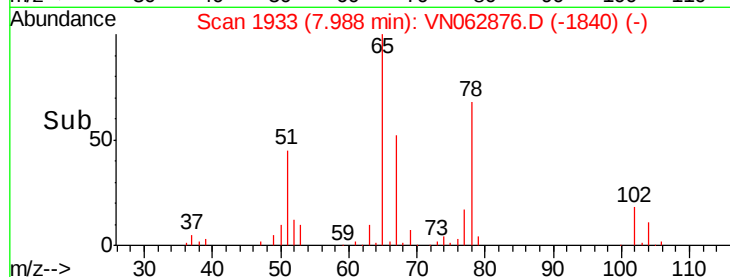
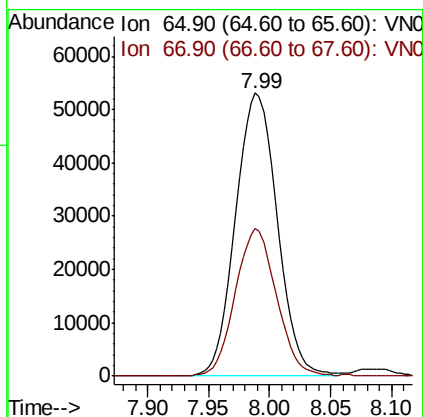
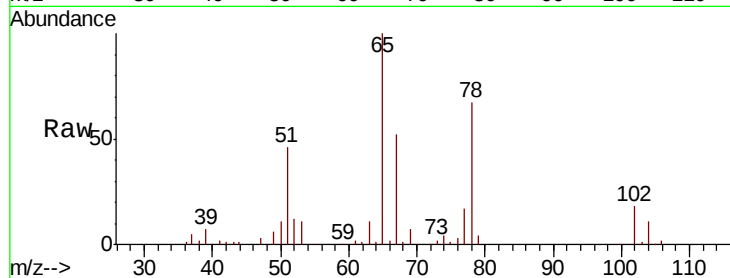




#33
 1,2-Dichloroethane-d4
 Concen: 46.915 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

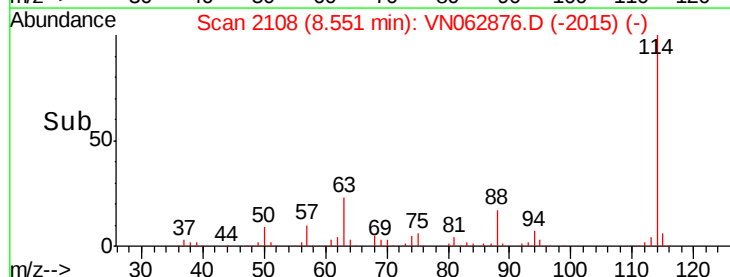
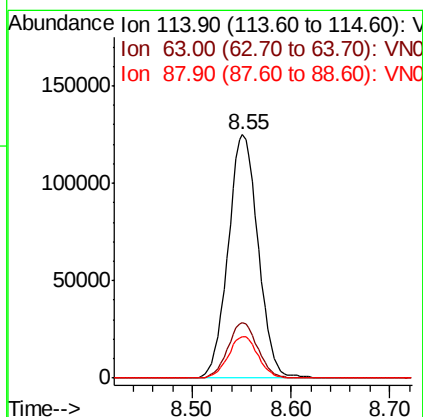
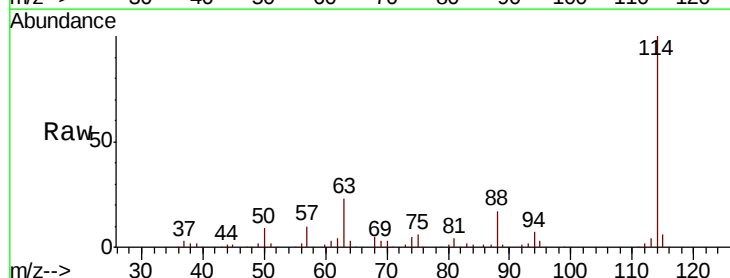
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

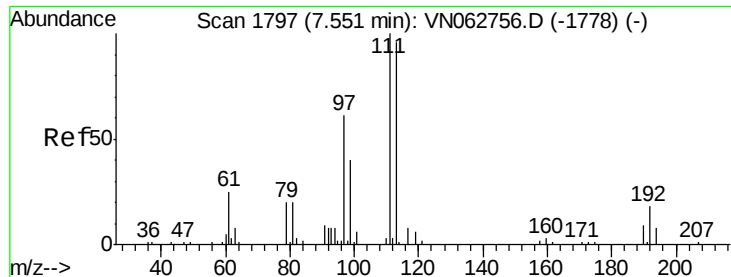
Tot Ion: 65 Resp: 125992
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion: 114 Resp: 265140
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.6
 88 17.2 0.0 34.4

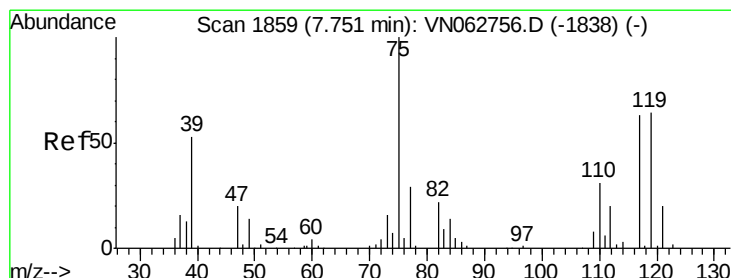
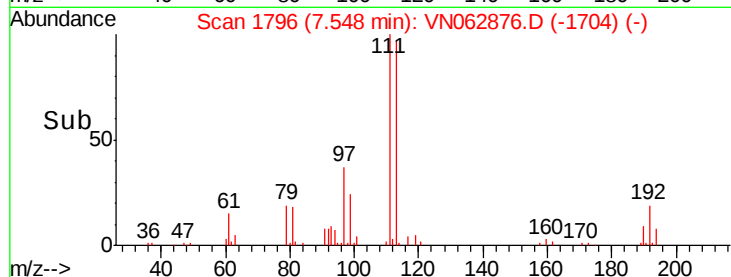
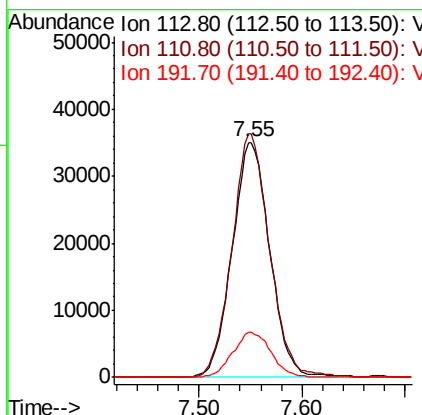
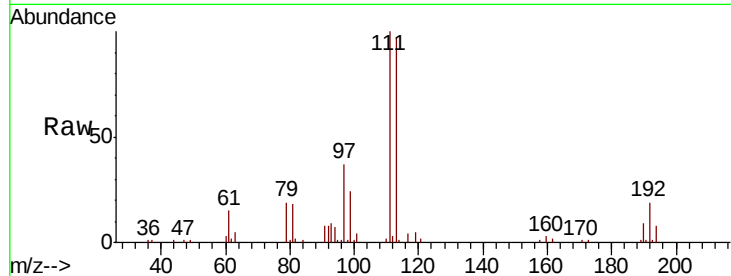




#35
 Dibromofluoromethane
 Concen: 49.043 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

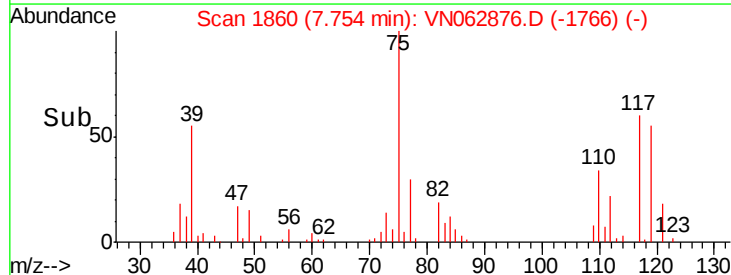
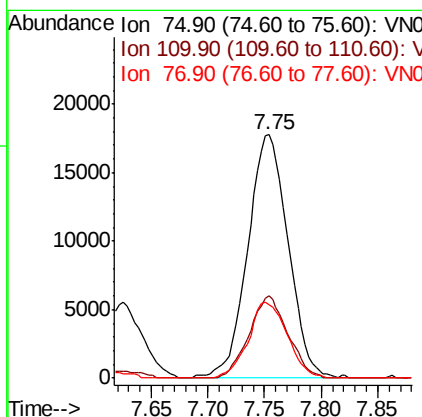
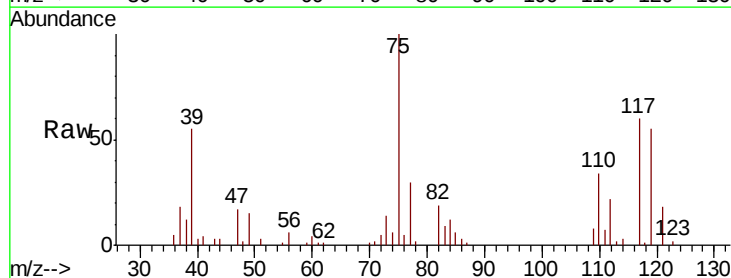
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

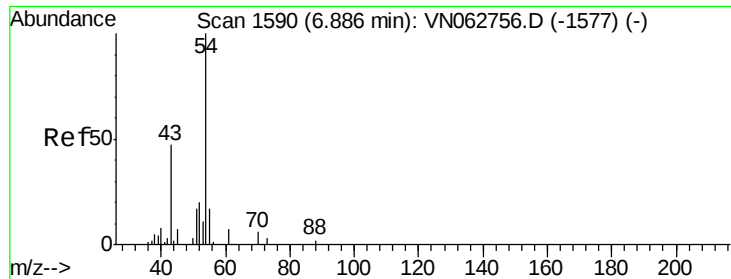
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	19.3	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 17.078 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.4	15.6	46.7
77	30.1	24.1	36.1

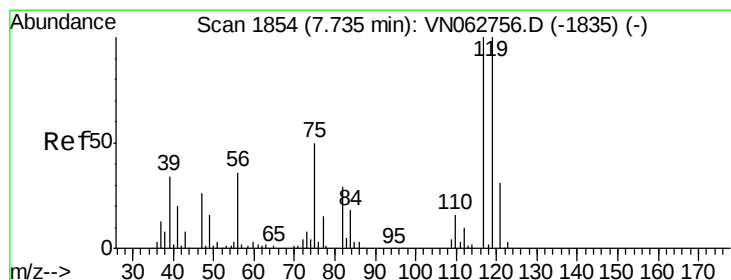
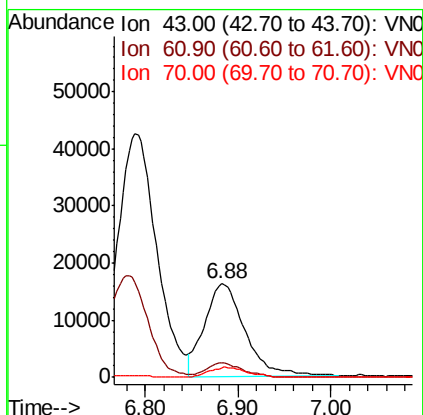
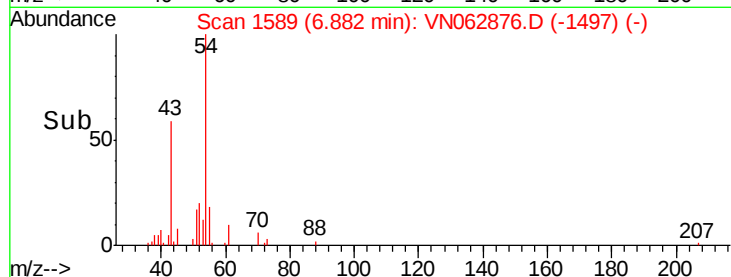
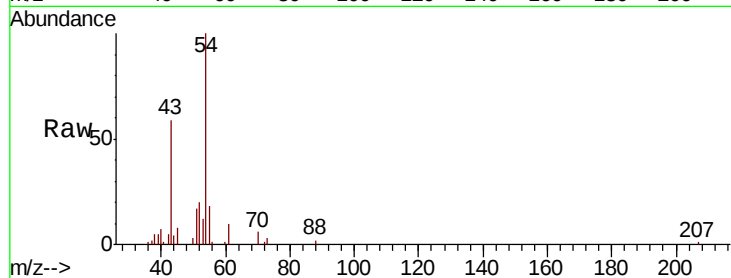




#37
Ethyl Acetate
Concen: 18.202 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

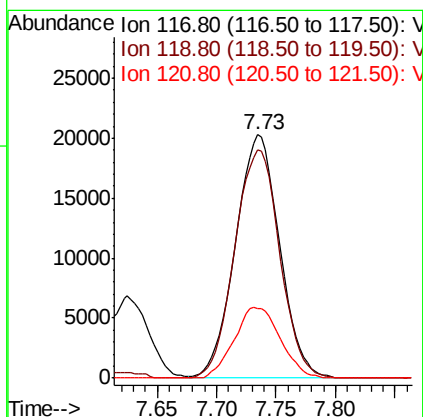
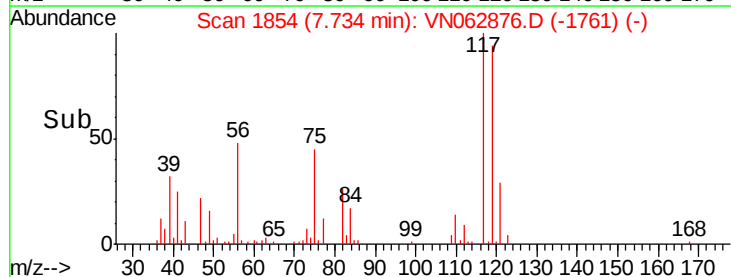
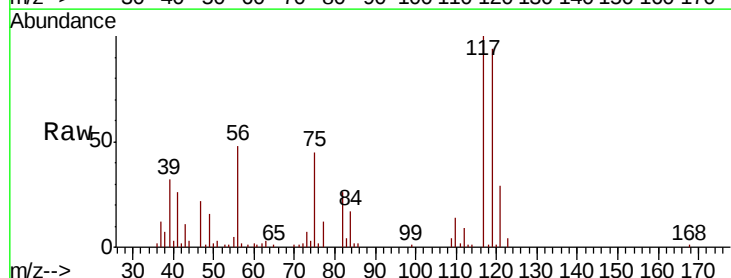
Instrument :
MSVOA_N
ClientSampled :
VN0812WBS02

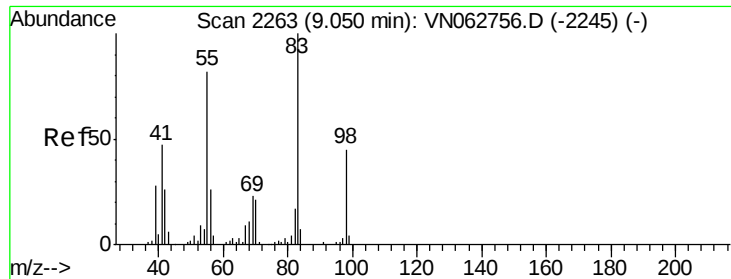
Tot Ion: 43 Resp: 49087
Ion Ratio Lower Upper
43 100
61 14.1 12.1 18.1
70 10.1 8.3 12.5



#38
Carbon Tetrachloride
Concen: 17.077 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 117 Resp: 52143
Ion Ratio Lower Upper
117 100
119 94.0 79.4 119.2
121 28.6 24.9 37.3

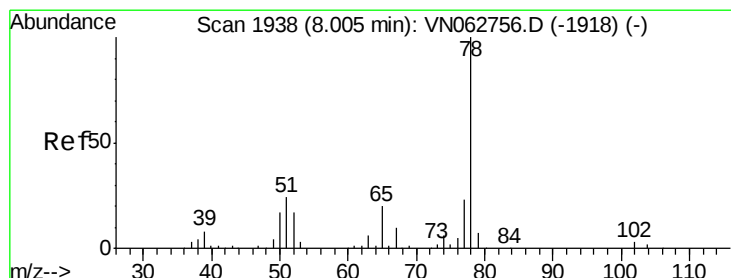
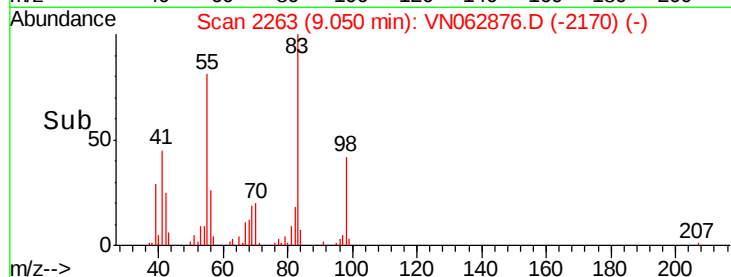
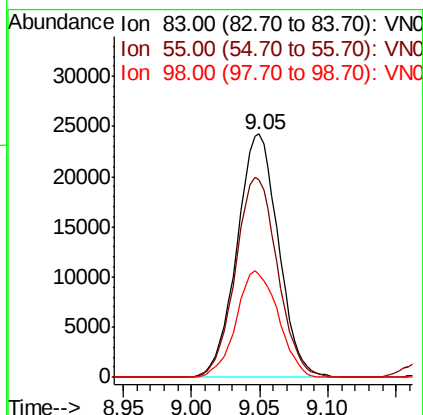
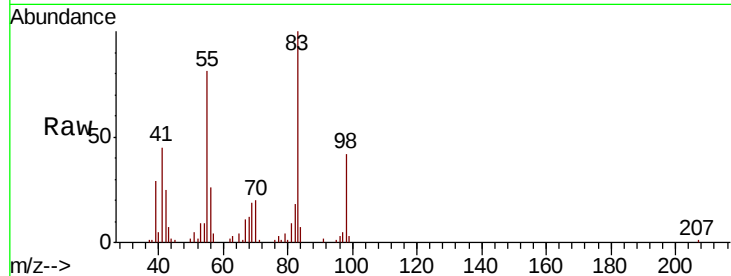




#39
Methvlcvclohexane
Concen: 16.425 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

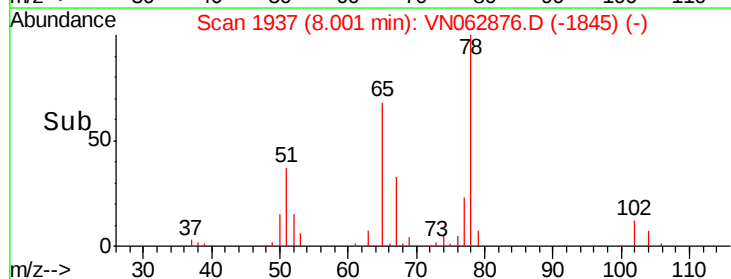
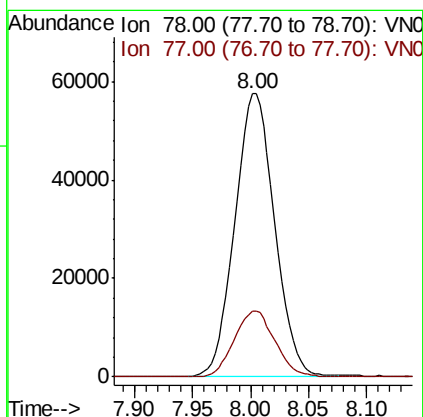
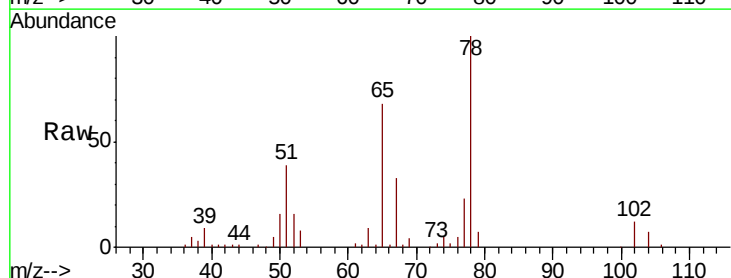
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

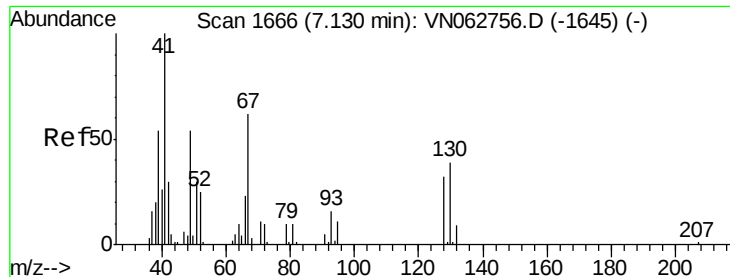
Tot Ion: 83 Resp: 51031
Ion Ratio Lower Upper
83 100
55 81.3 65.7 98.5
98 42.5 35.6 53.4



#40
Benzene
Concen: 17.801 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 78 Resp: 137135
Ion Ratio Lower Upper
78 100
77 23.0 18.1 27.1

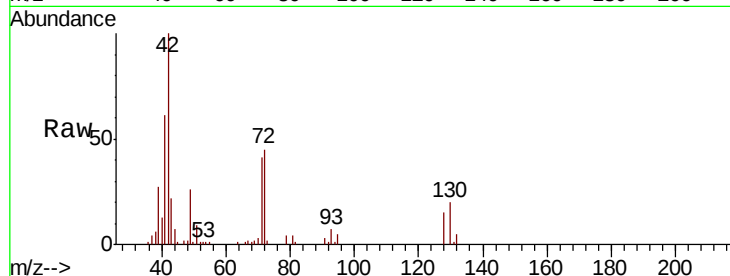




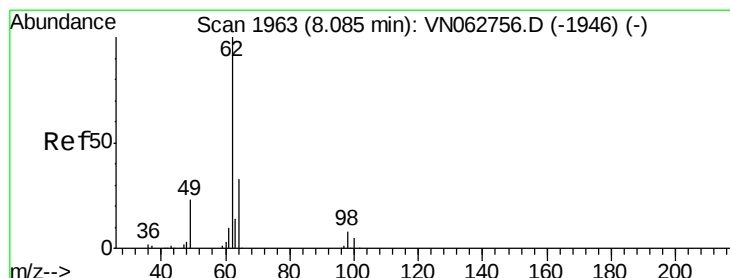
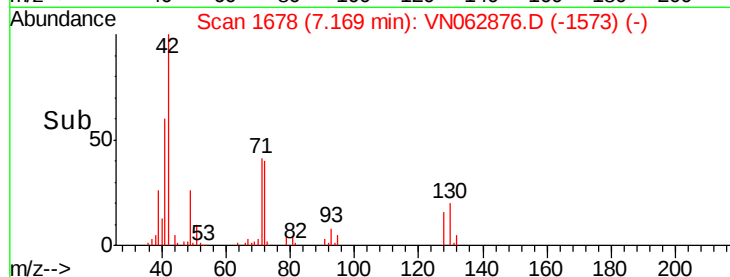
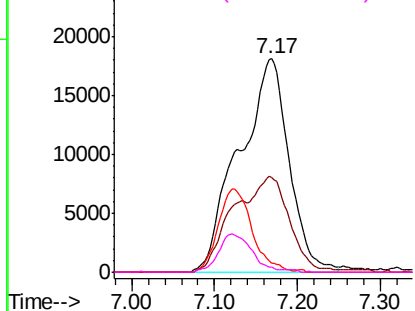
#41
Methacrylonitrile
Concen: 62.204 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.04 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion: 41 Resp: 75698
Ion Ratio Lower Upper
41 100
39 0.0 69.4 104.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

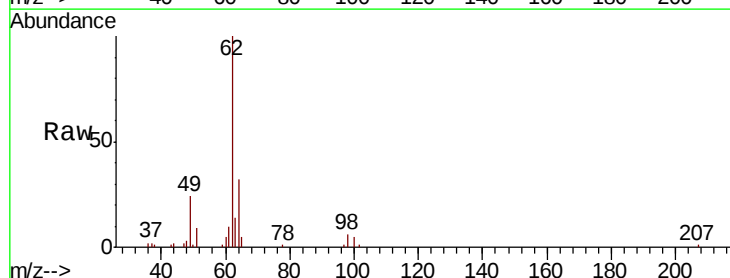


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

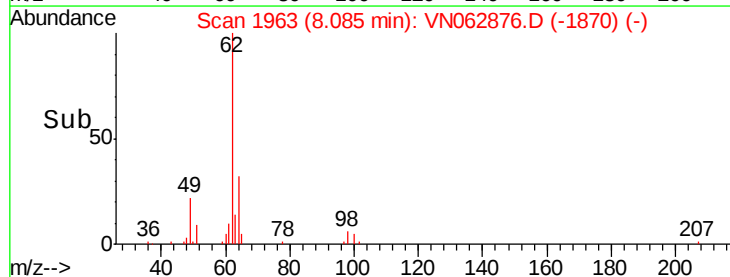
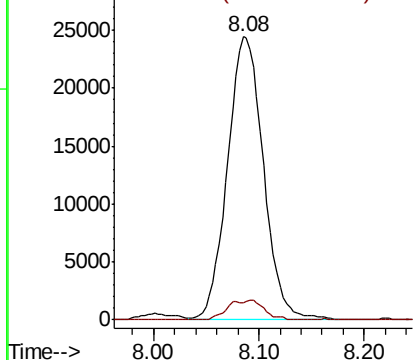


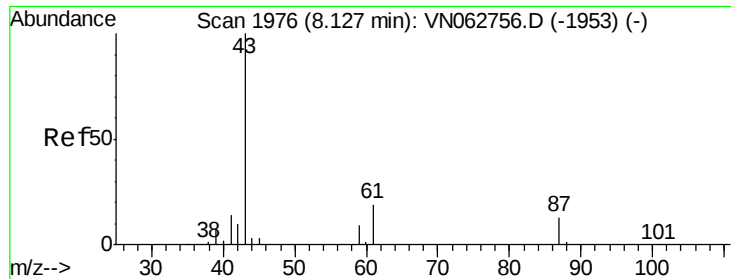
#42
1,2-Dichloroethane
Concen: 17.646 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 62 Resp: 57859
Ion Ratio Lower Upper
62 100
98 3.4 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 17.342 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

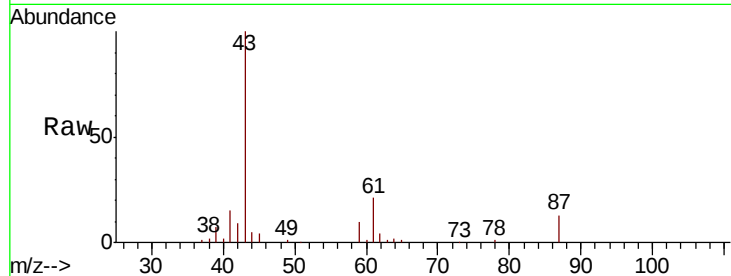
Tot Ion: 43 Resp: 78010

Ion Ratio Lower Upper

43 100

61 21.9 15.8 23.6

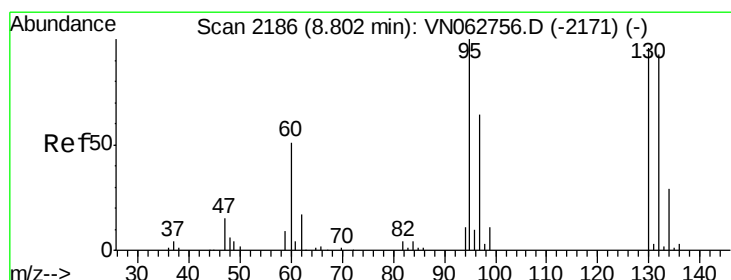
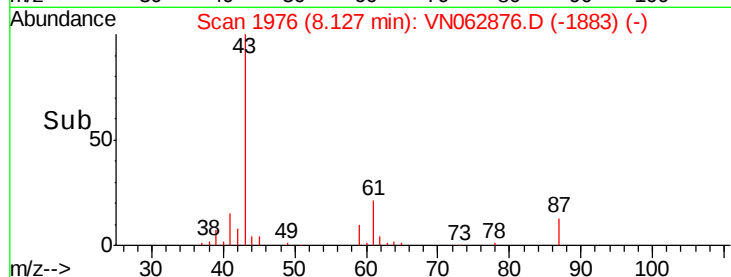
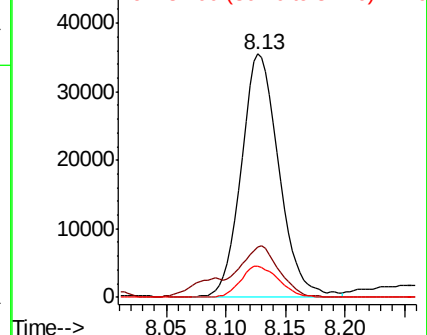
87 12.9 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062876.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062876.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062876.D (-1953) (-)



#44

Trichloroethene

Concen: 17.517 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062876.D

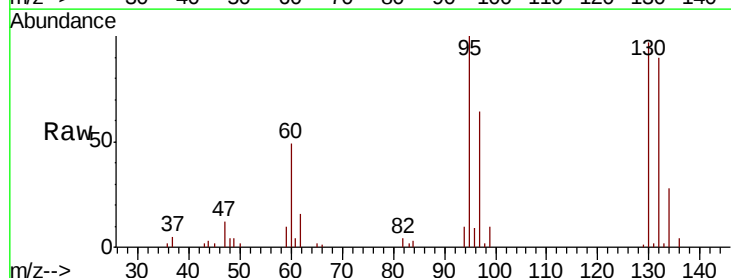
Acq: 12 Aug 2020 23:53

Tgt Ion:130 Resp: 32877

Ion Ratio Lower Upper

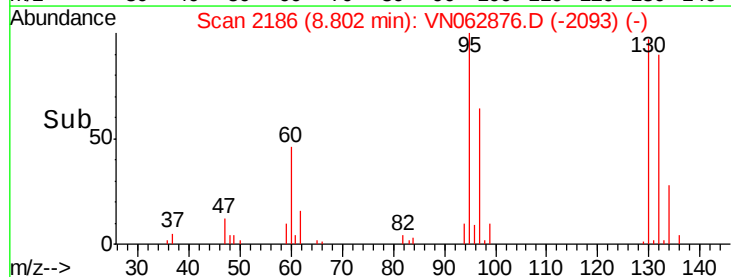
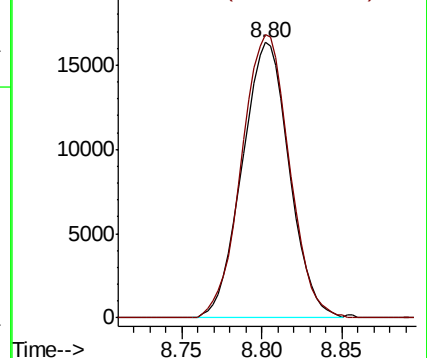
130 100

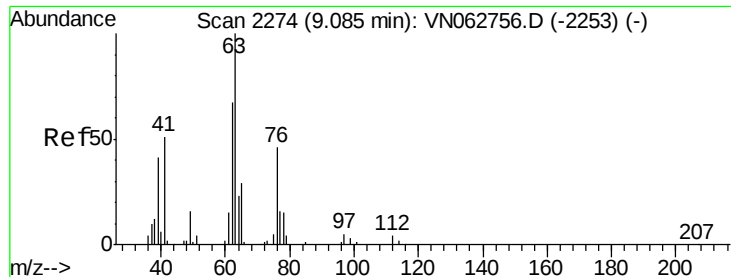
95 102.8 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062876.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062876.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 19.552 ug/l

RT: 9.09 min Scan# 2275

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

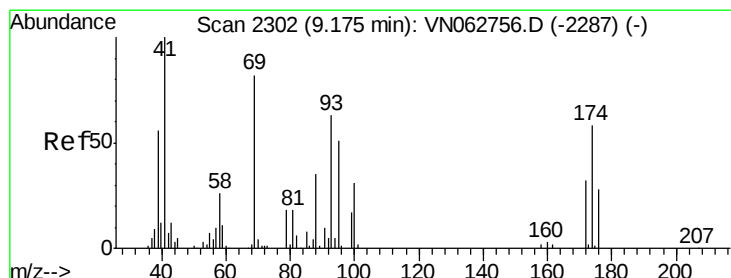
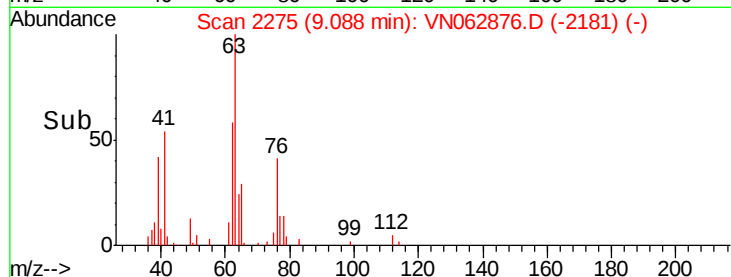
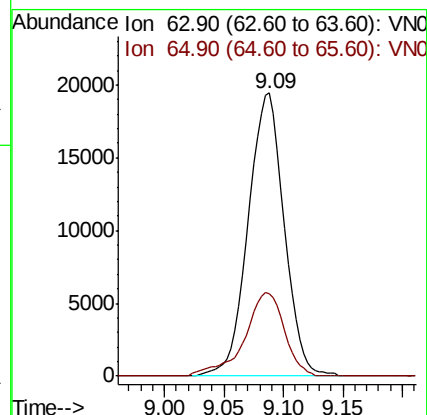
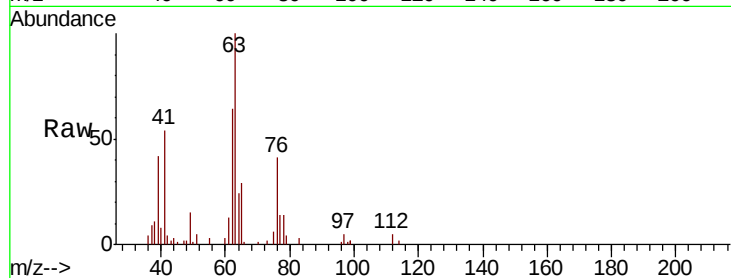
VN0812WBS02

Tot Ion: 63 Resp: 40766

Ion Ratio Lower Upper

63 100

65 29.3 23.5 35.3



#46

Dibromomethane

Concen: 18.578 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

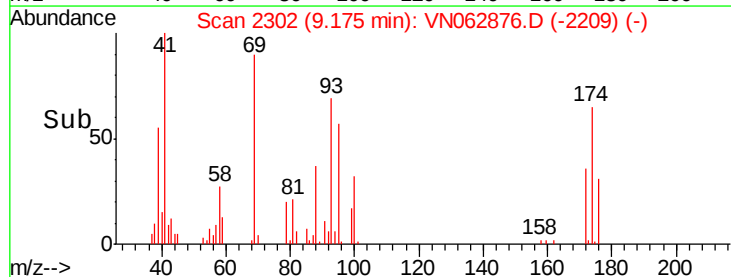
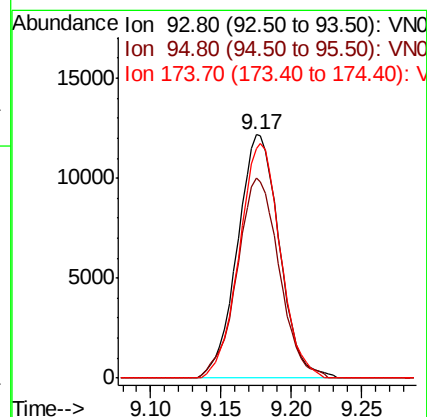
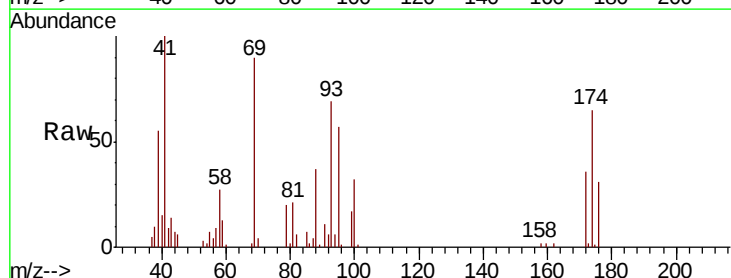
Tgt Ion: 93 Resp: 25380

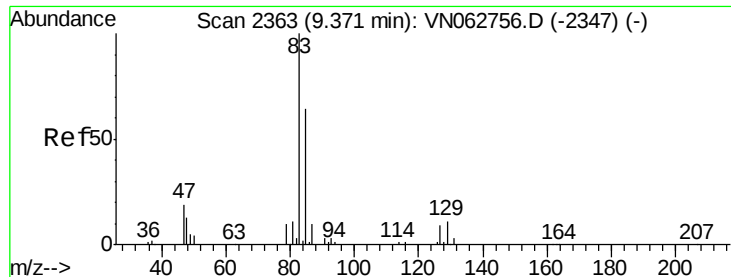
Ion Ratio Lower Upper

93 100

95 82.5 65.1 97.7

174 93.6 73.9 110.9





#47

Bromodichloromethane

Concen: 18.313 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

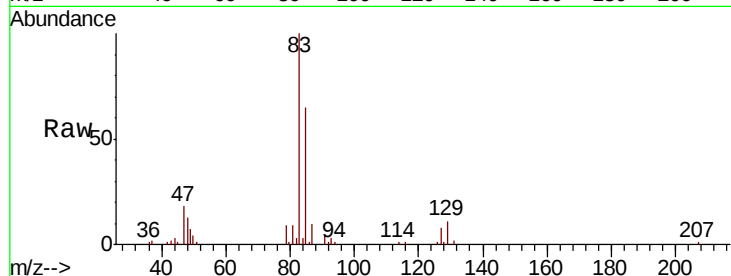
Tot Ion: 83 Resp: 56191

Ion Ratio Lower Upper

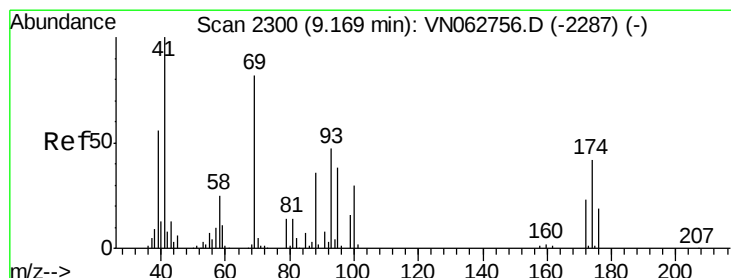
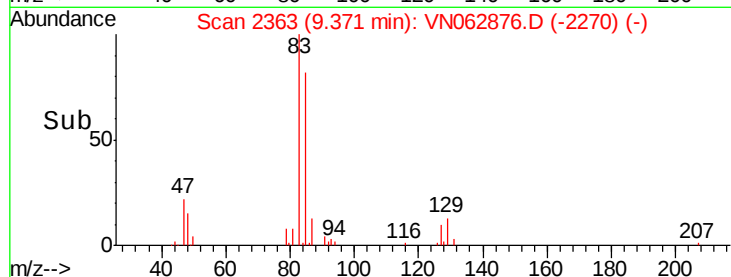
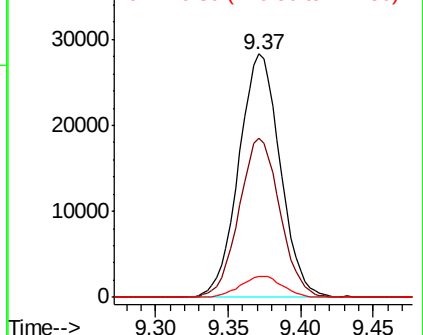
83 100

85 65.3 51.4 77.0

127 8.4 6.9 10.3



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



#48

Methyl methacrylate

Concen: 17.283 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

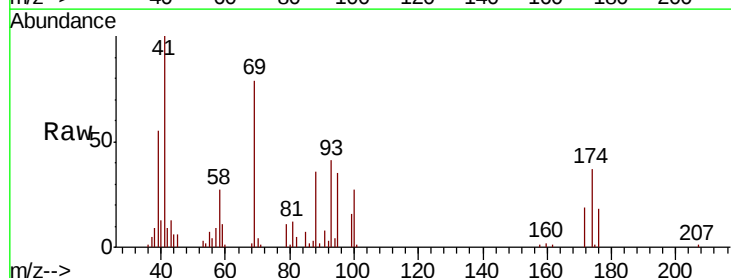
Tgt Ion: 41 Resp: 38239

Ion Ratio Lower Upper

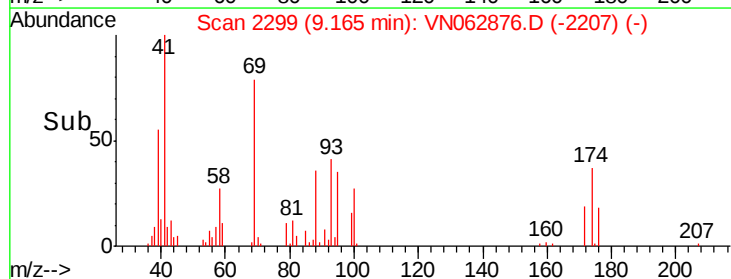
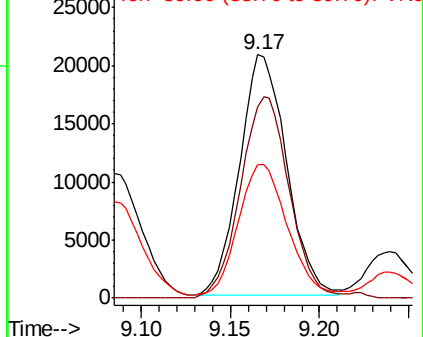
41 100

69 86.5 67.4 101.2

39 59.5 47.6 71.4



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

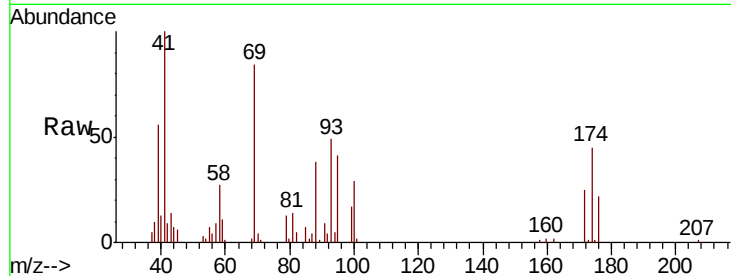




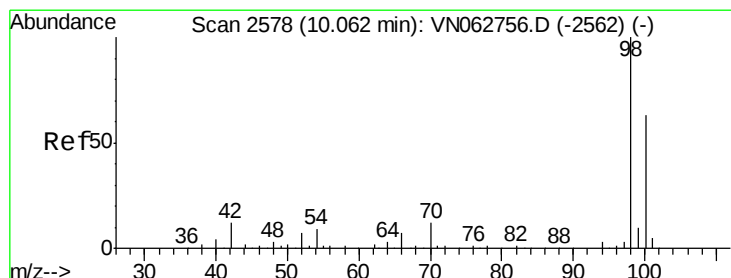
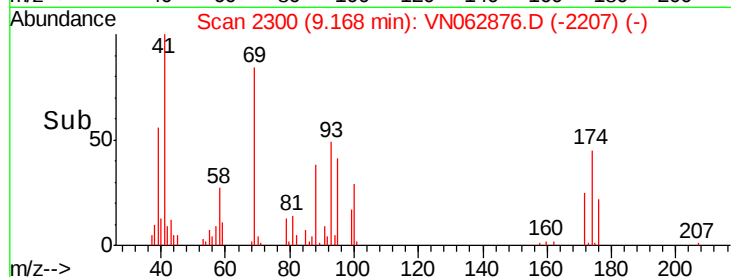
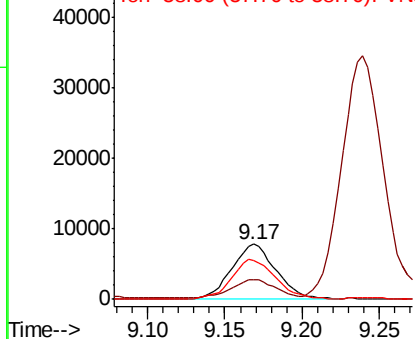
#49
1,4-Dioxane
Concen: 378.371 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion: 88 Resp: 15512
Ion Ratio Lower Upper
88 100
43 33.9 29.5 44.3
58 72.1 59.8 89.8

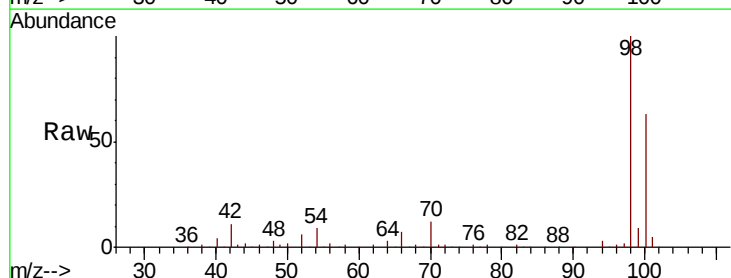


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

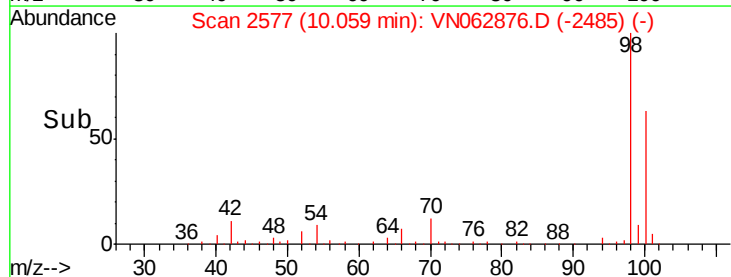
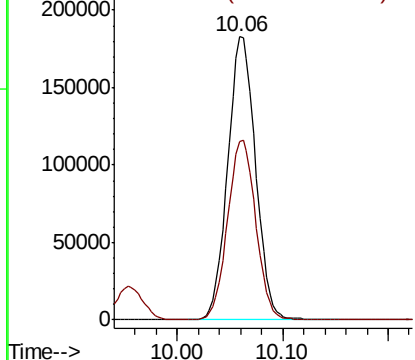


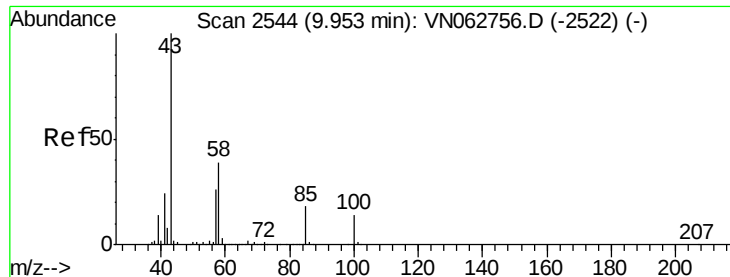
#50
Toluene-d8
Concen: 47.200 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 98 Resp: 334216
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



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

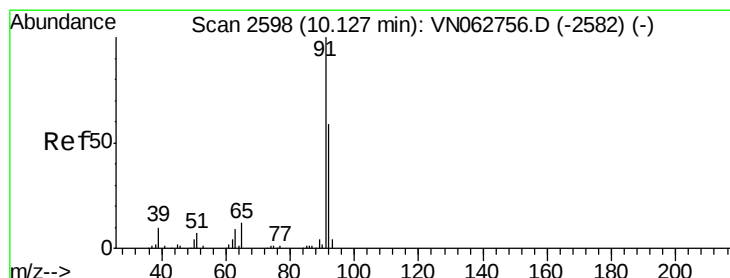
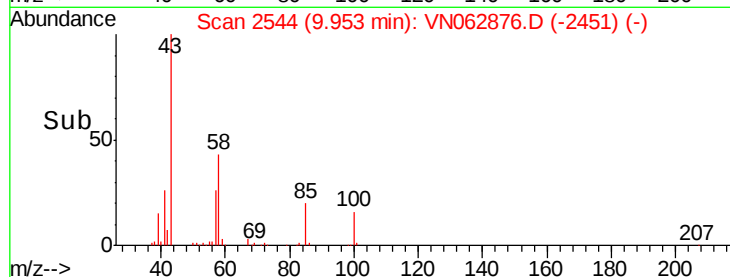
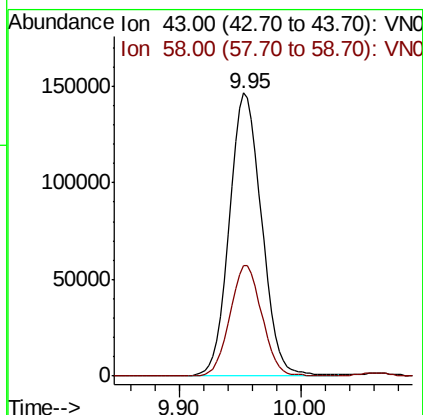
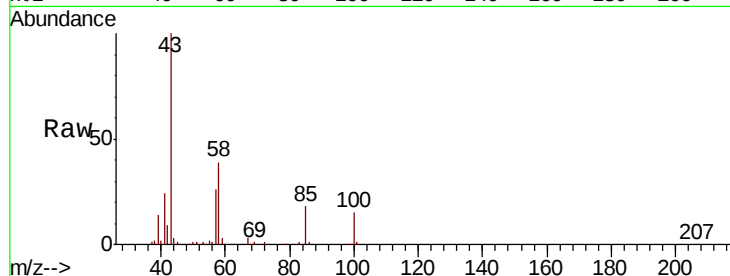




#51
 4-Methyl-2-Pentanone
 Concen: 92.253 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

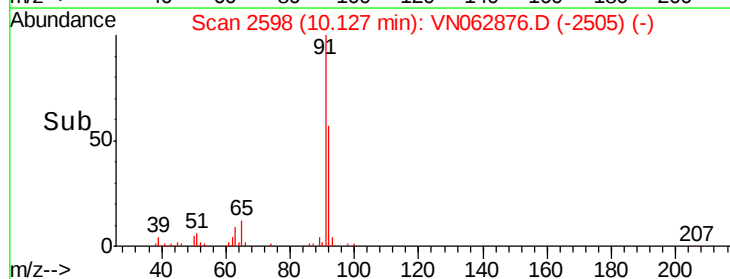
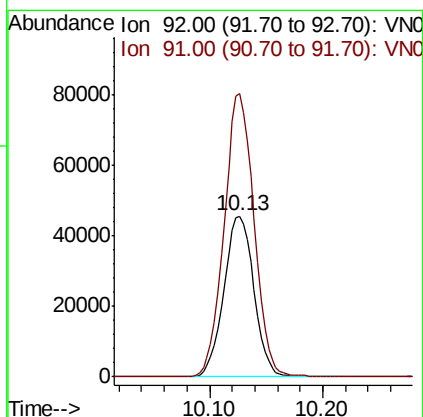
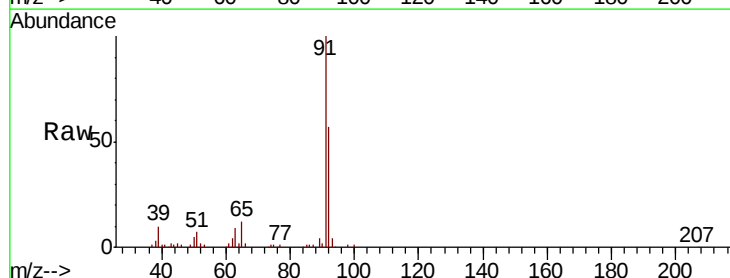
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

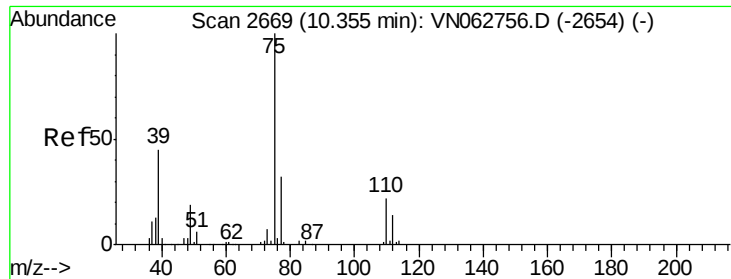
Tot Ion: 43 Resp: 268495
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.1 46.7



#52
 Toluene
 Concen: 17.745 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion: 92 Resp: 84403
 Ion Ratio Lower Upper
 92 100
 91 175.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 16.466 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

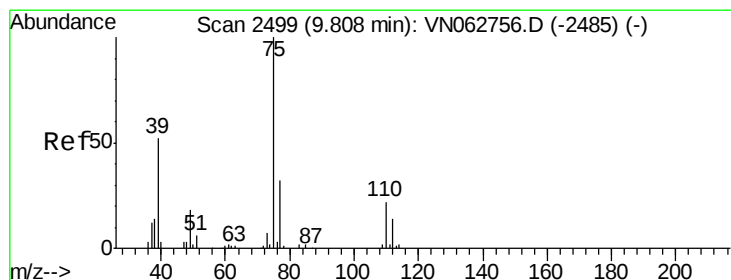
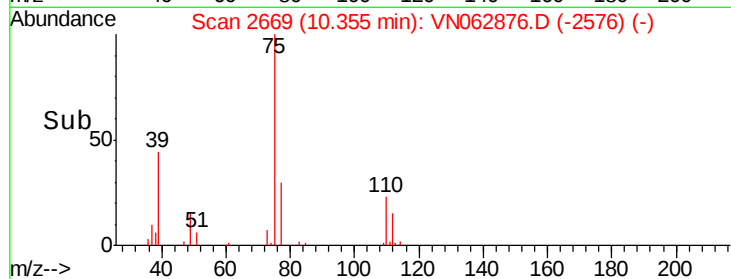
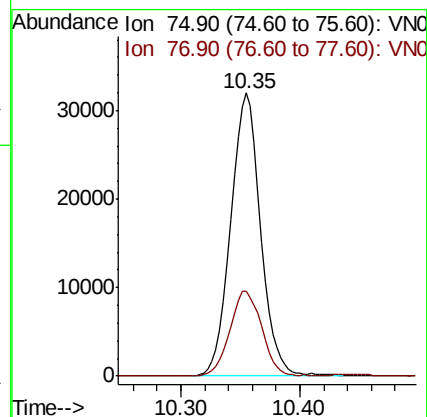
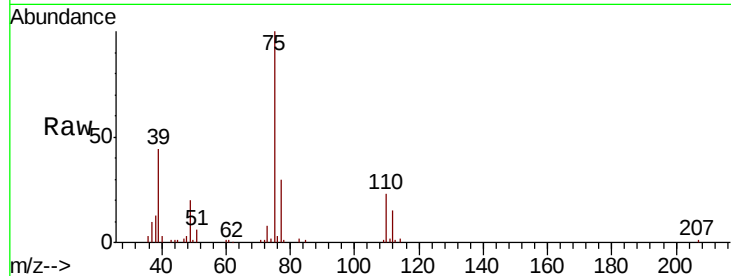
VN0812WBS02

Tot Ion: 75 Resp: 55575

Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 16.891 ug/l

RT: 9.81 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

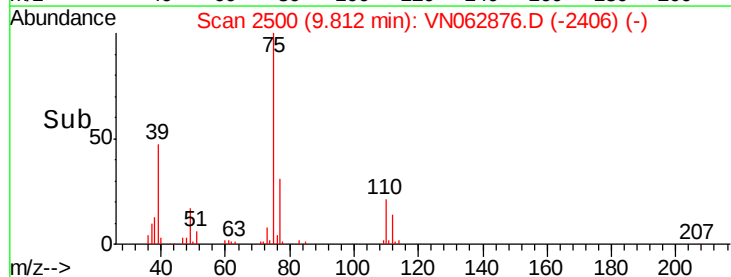
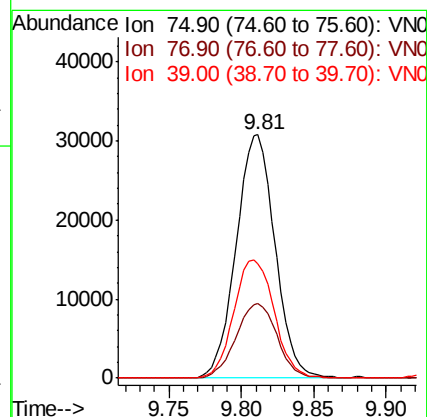
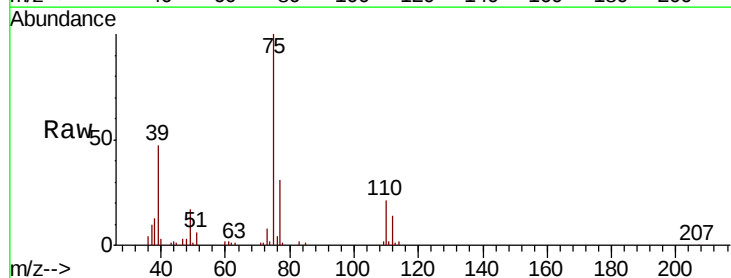
Tgt Ion: 75 Resp: 57238

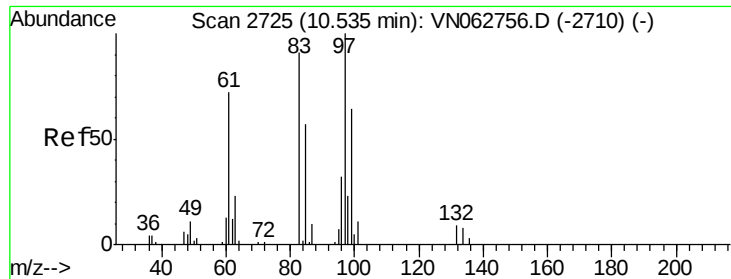
Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

39 46.9 41.9 62.9



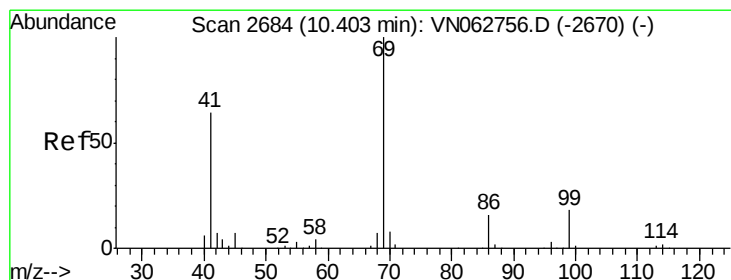
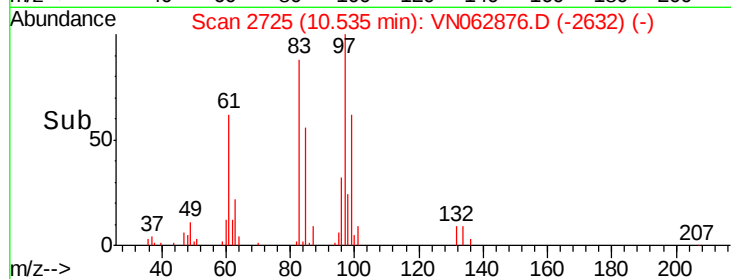
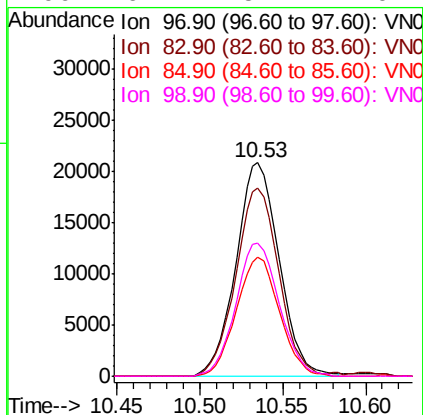
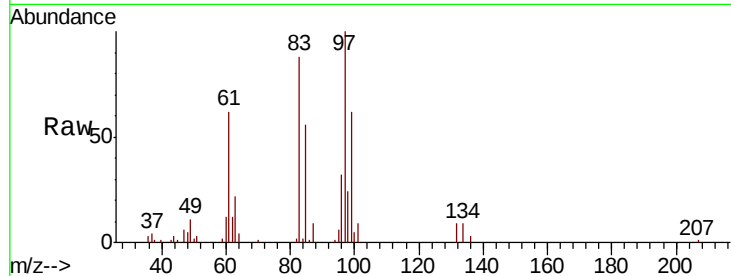


#55
 1,1,2-Trichloroethane
 Concen: 18.650 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Tot Ion: 97 Resp: 37888

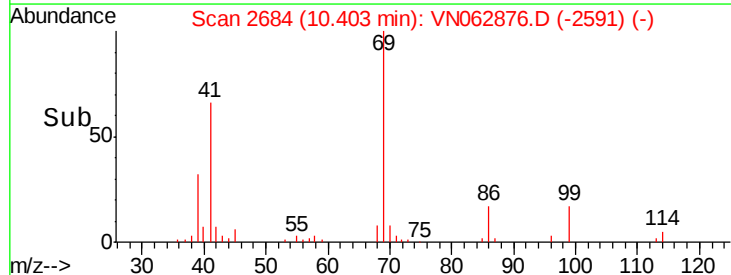
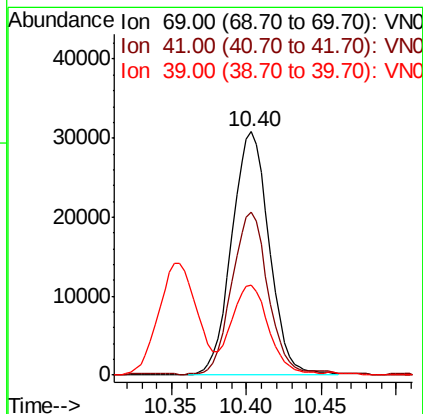
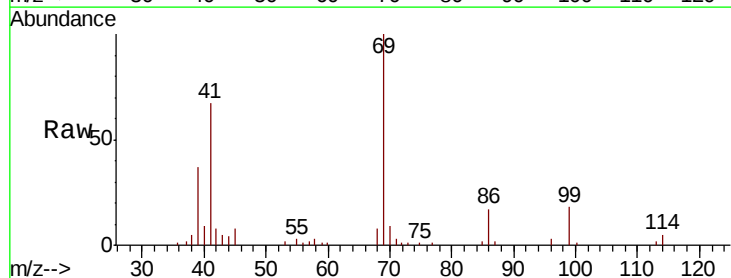
Ion	Ratio	Lower	Upper
97	100		
83	87.9	72.6	108.8
85	56.0	46.0	69.0
99	62.1	51.1	76.7

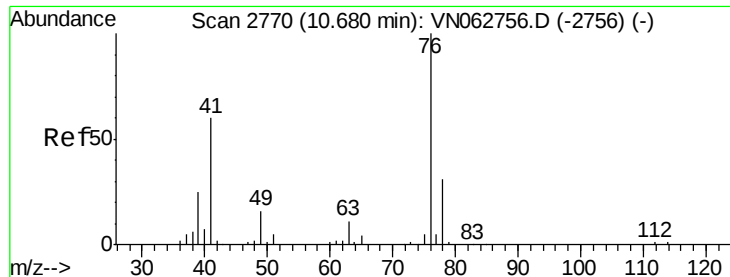


#56
 Ethyl methacrylate
 Concen: 17.594 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion: 69 Resp: 53798

Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	35.1	30.9	46.3

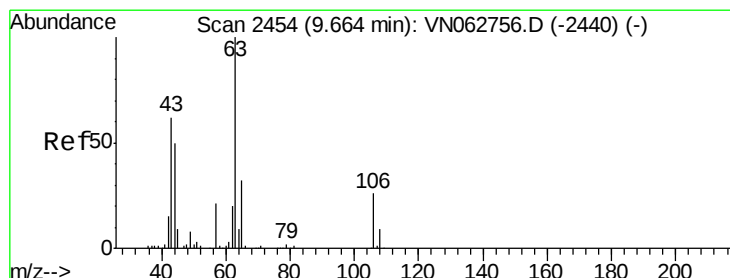
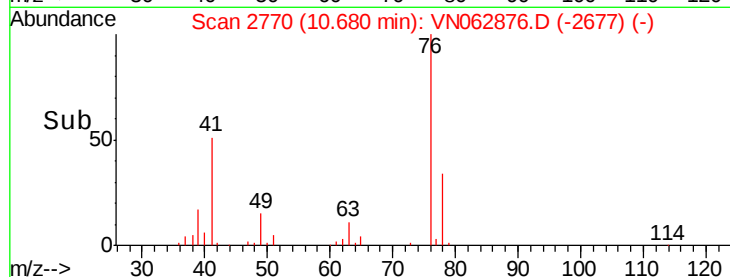
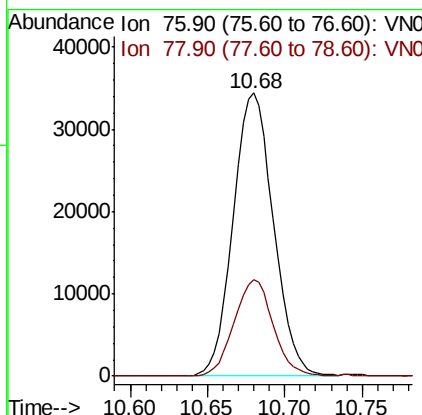
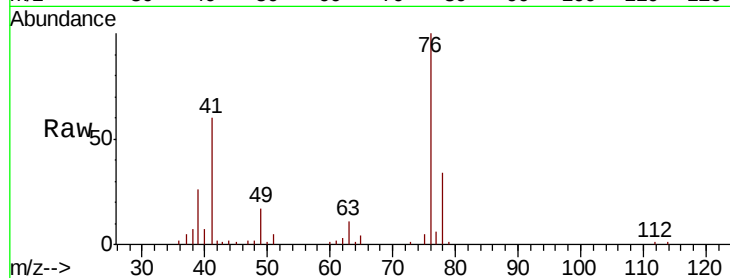




#57
 1,3-Dichloropropane
 Concen: 18.049 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

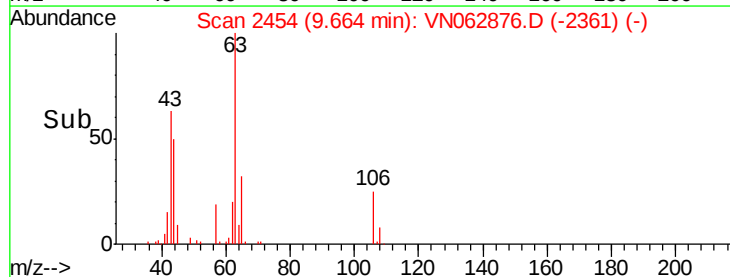
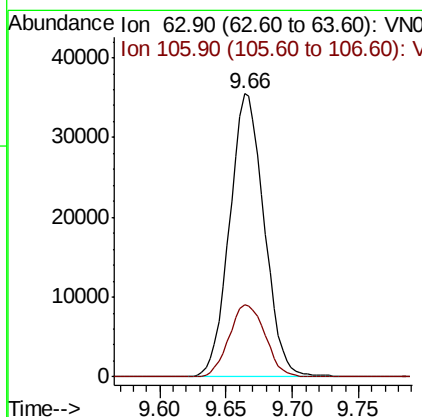
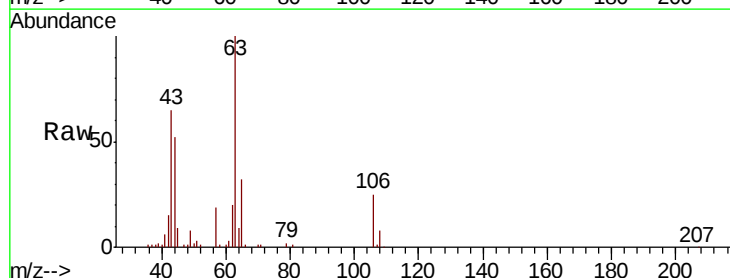
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

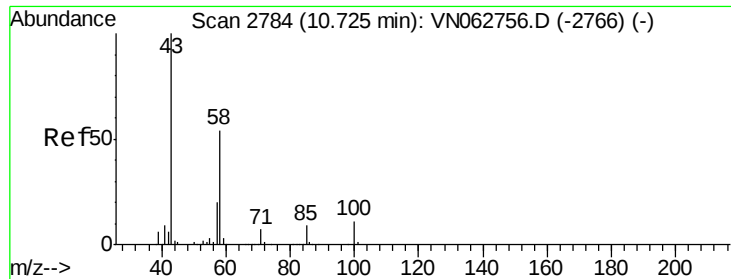
Tot Ion: 76 Resp: 62300
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 74.360 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion: 63 Resp: 64271
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.9 31.3

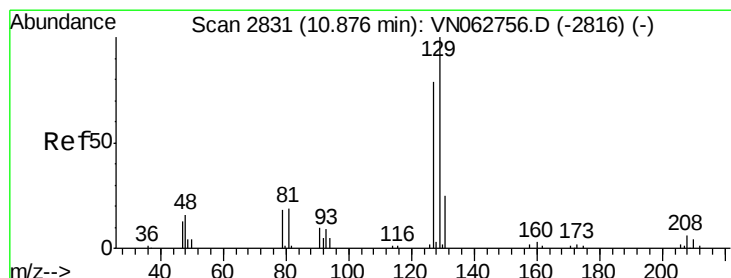
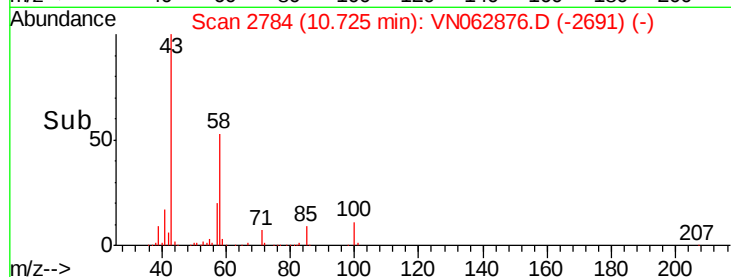
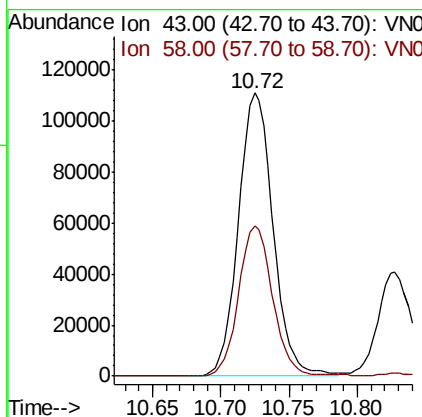
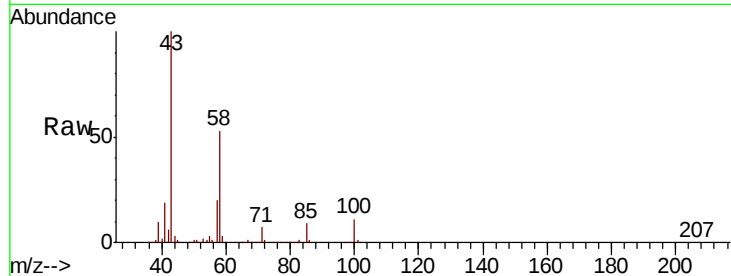




#59
2-Hexanone
Concen: 89.487 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

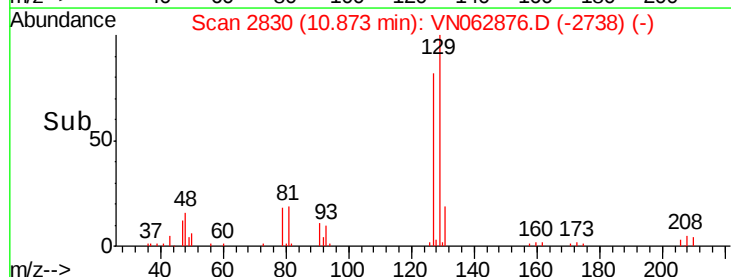
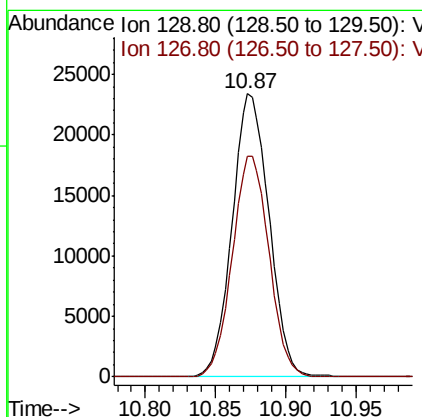
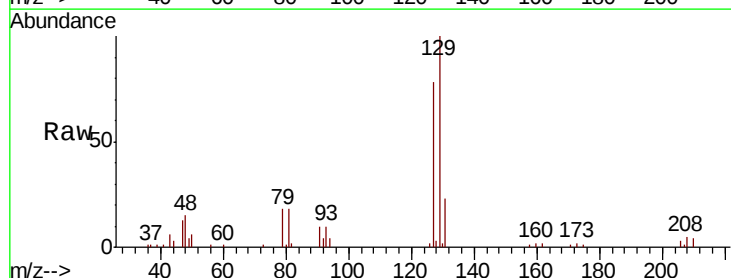
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

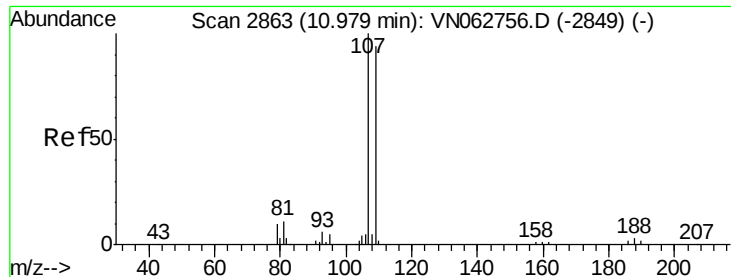
Tot Ion: 43 Resp: 194276
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.1



#60
Dibromochloromethane
Concen: 18.490 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 129 Resp: 42865
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

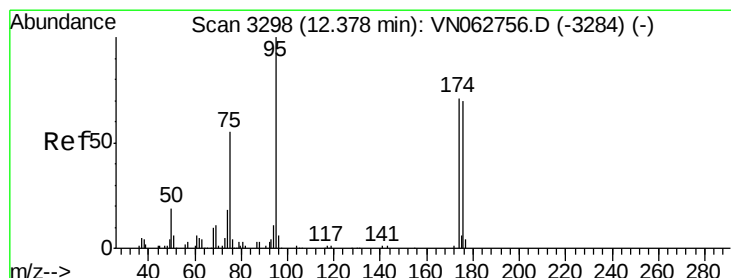
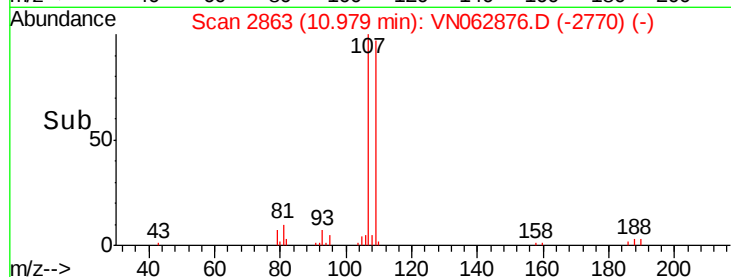
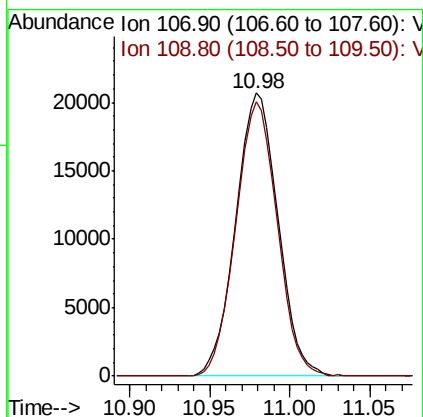
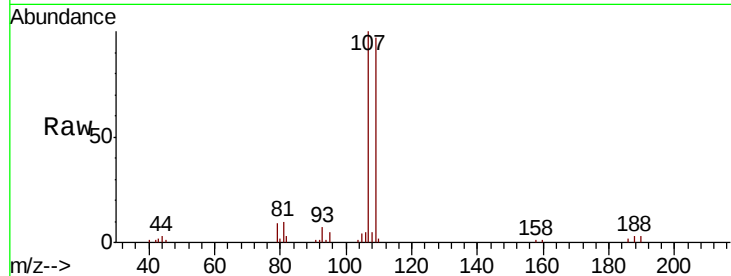




#61
 1,2-Dibromoethane
 Concen: 18.640 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

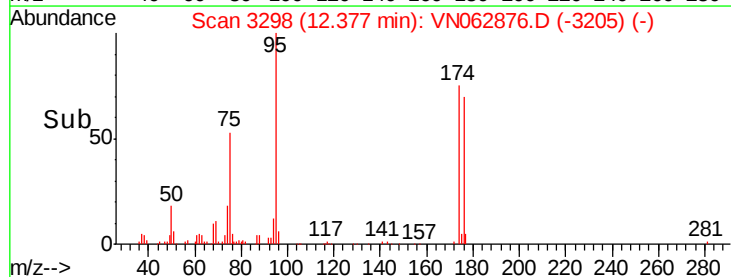
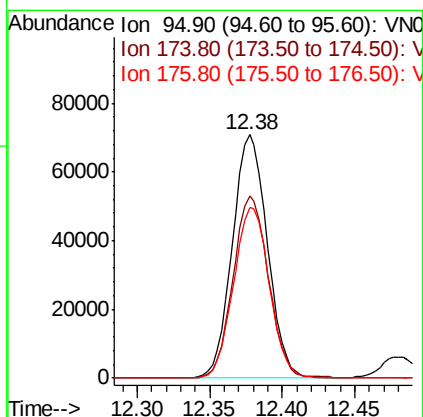
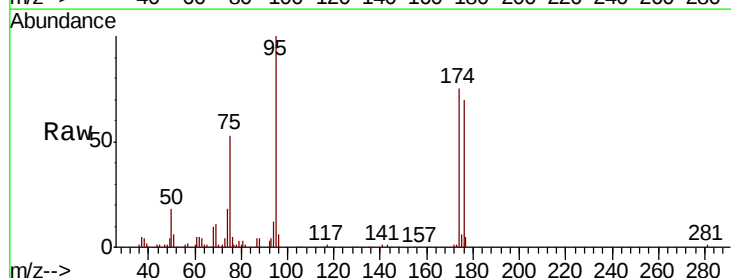
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

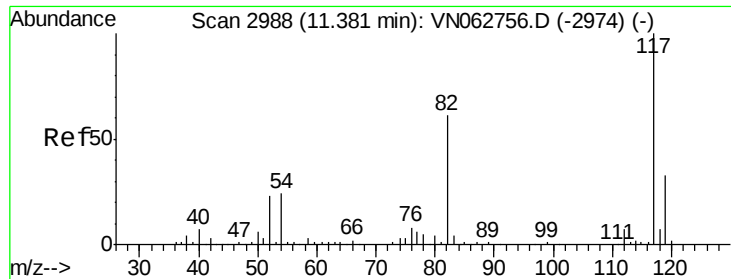
Tot Ion:107 Resp: 37366
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 44.440 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion: 95 Resp: 118915
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 144.8
 176 71.5 0.0 142.2

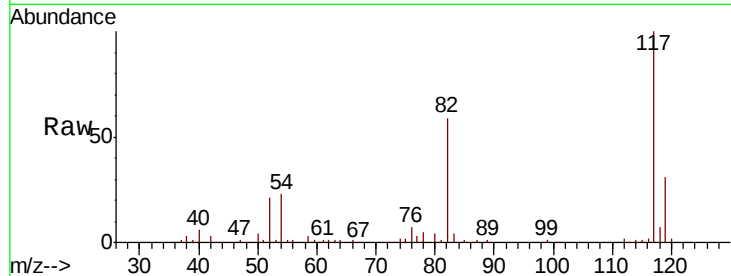




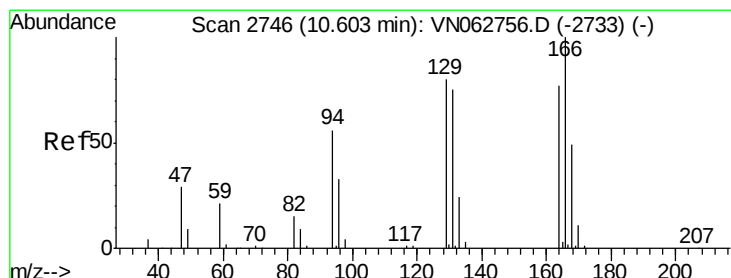
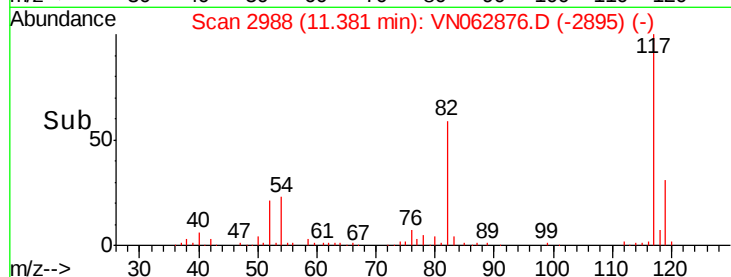
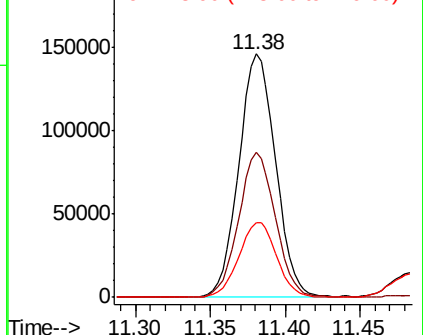
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion:117 Resp: 249875
Ion Ratio Lower Upper
117 100
82 59.5 49.0 73.4
119 30.8 26.2 39.2

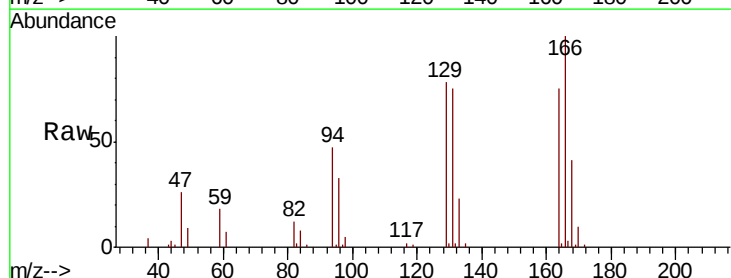


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

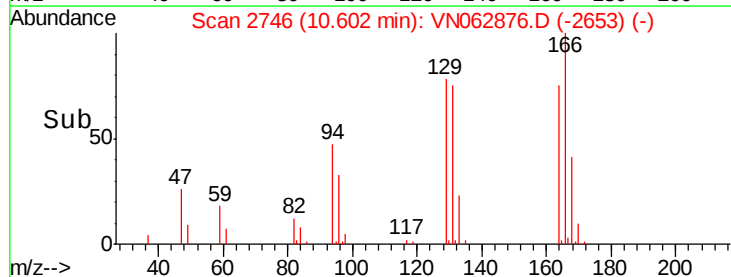
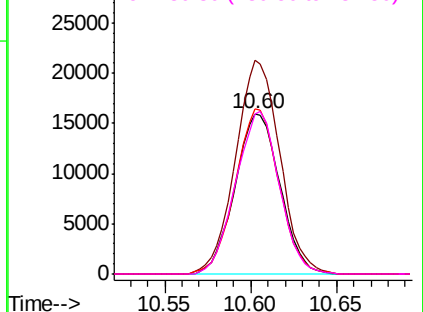


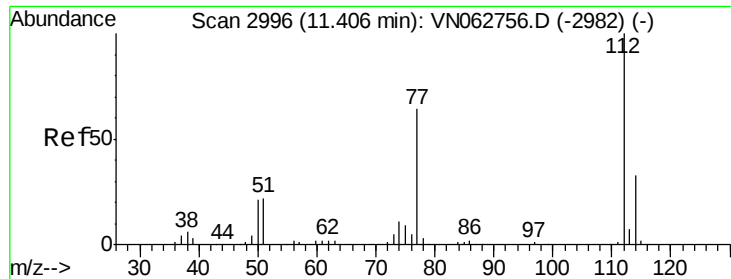
#64
Tetrachloroethene
Concen: 17.944 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion:164 Resp: 28930
Ion Ratio Lower Upper
164 100
166 133.1 103.8 155.8
129 103.2 82.7 124.1
131 99.4 78.2 117.2



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

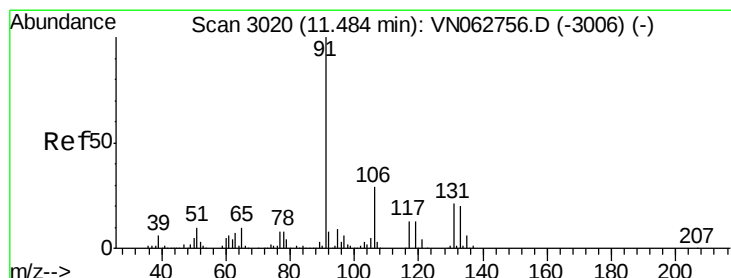
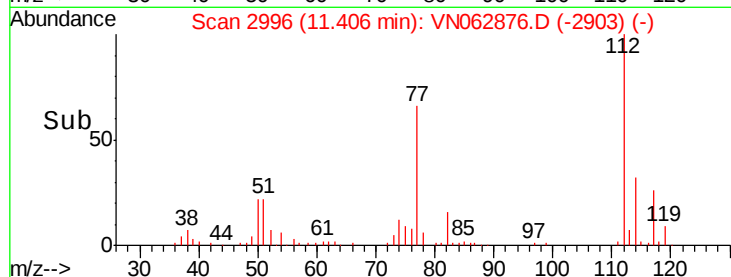
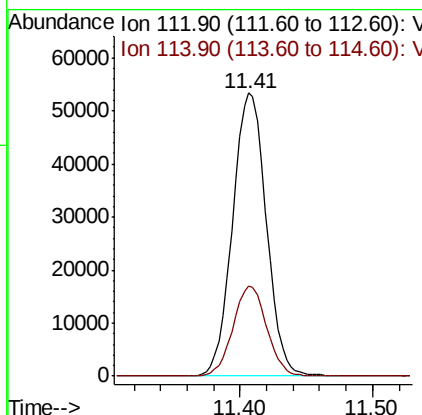
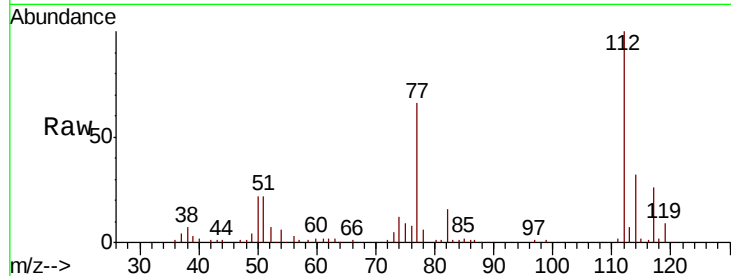




#65
Chlorobenzene
Concen: 18.048 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

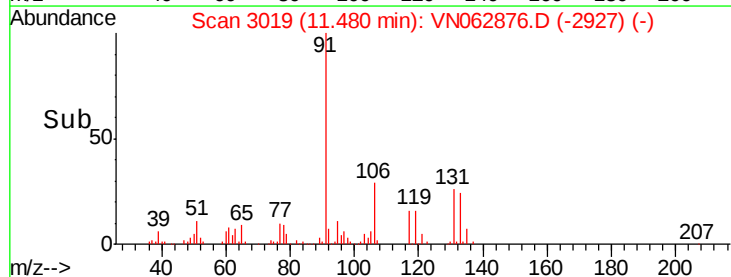
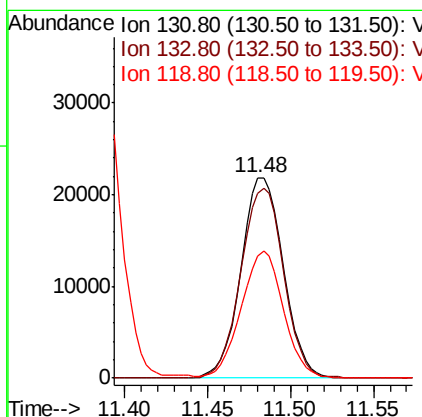
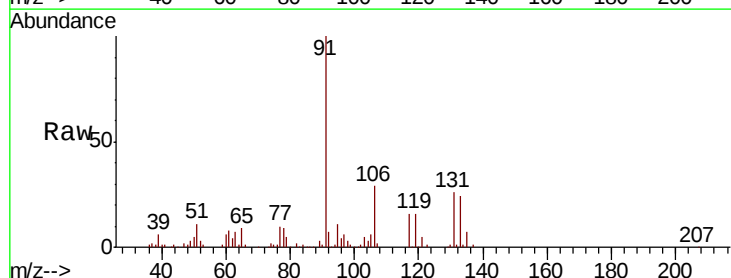
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

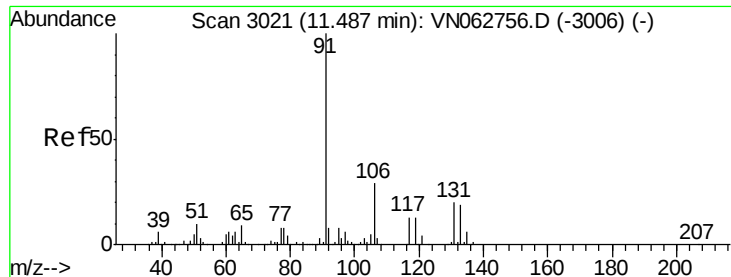
Tot Ion:112 Resp: 94272
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.595 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion:131 Resp: 39004
Ion Ratio Lower Upper
131 100
133 95.7 48.6 145.8
119 63.1 32.2 96.6

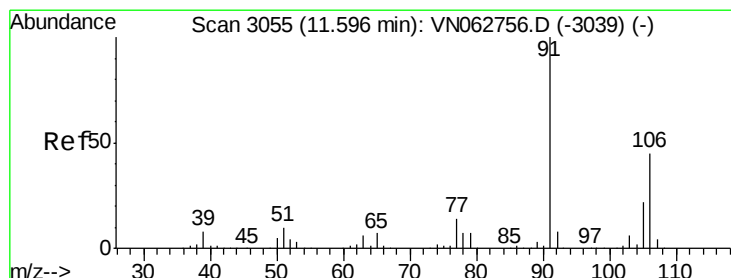
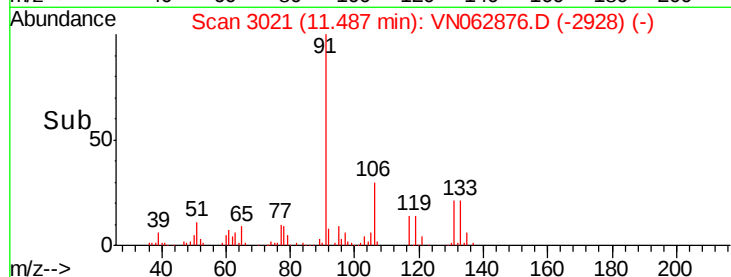
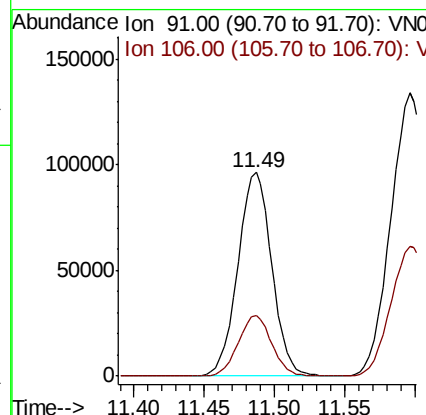
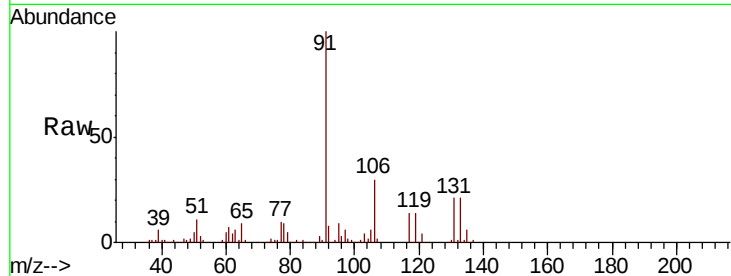




#67
Ethyl Benzene
Concen: 17.352 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

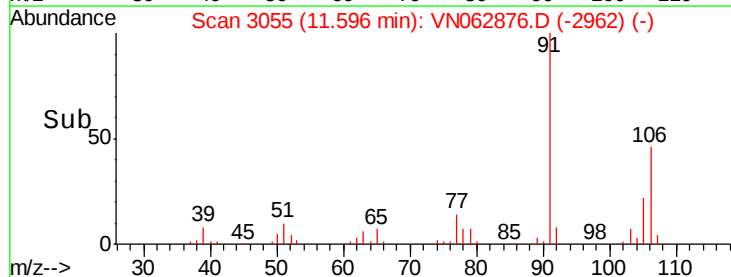
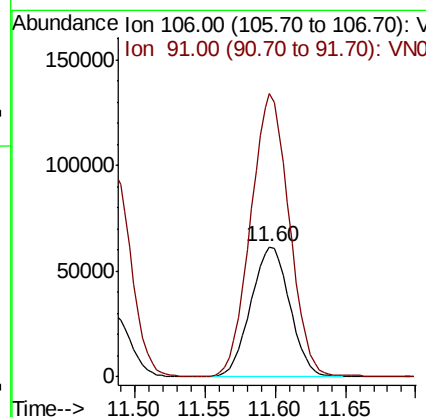
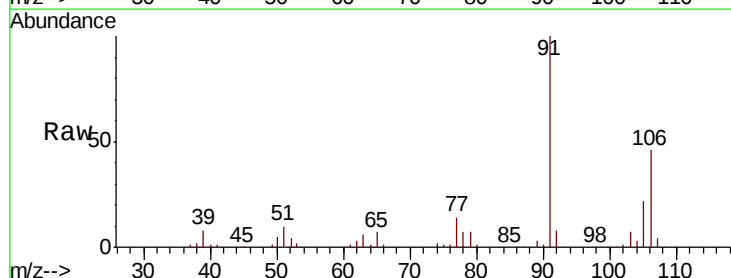
Instrument :
MSVOA_N
ClientSampled :
VN0812WBS02

Tot Ion: 91 Resp: 162192
Ion Ratio Lower Upper
91 100
106 29.8 23.2 34.8



#68
m/p-Xylenes
Concen: 35.206 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 106 Resp: 119455
Ion Ratio Lower Upper
106 100
91 214.8 175.9 263.9

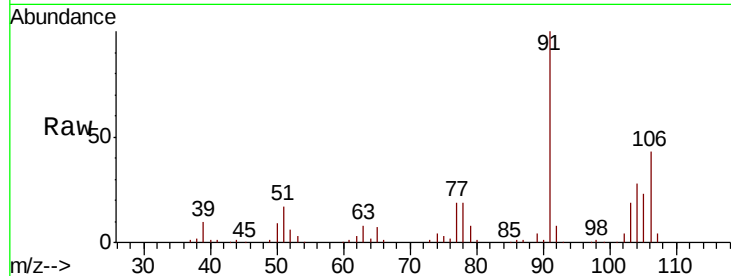




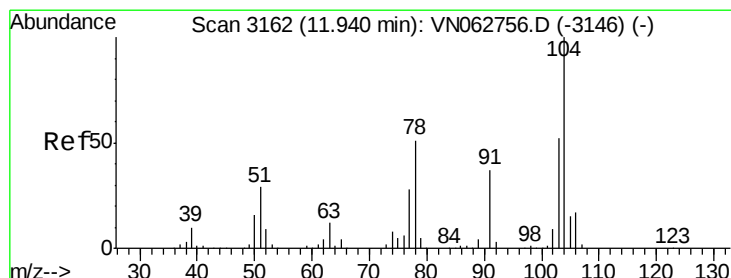
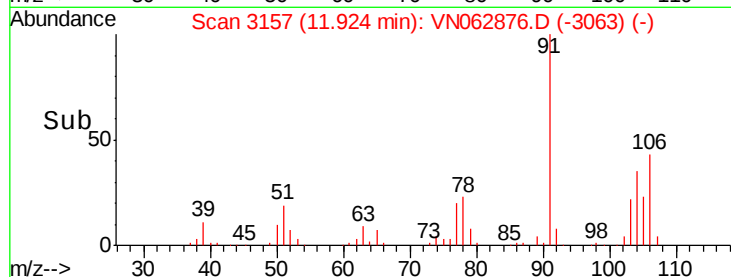
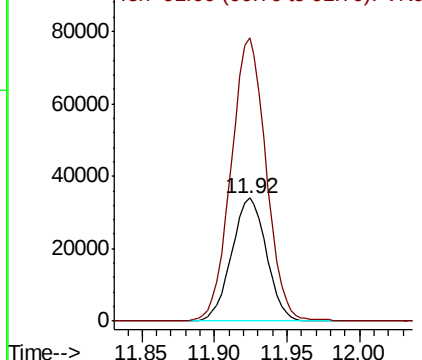
#69
o-Xylene
Concen: 17.858 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion:106 Resp: 56784
Ion Ratio Lower Upper
106 100
91 230.9 115.8 347.4

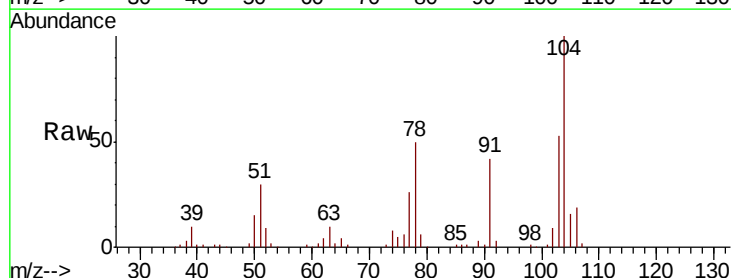


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

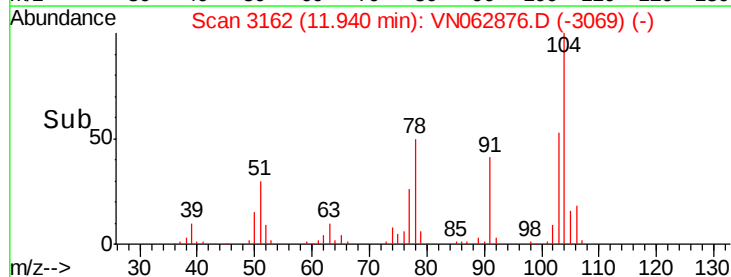
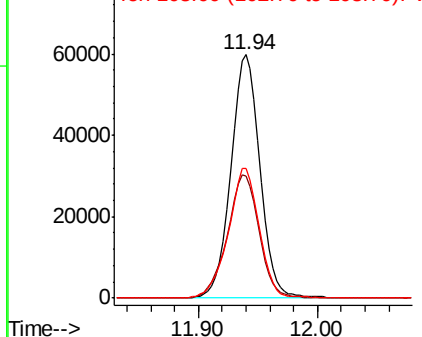


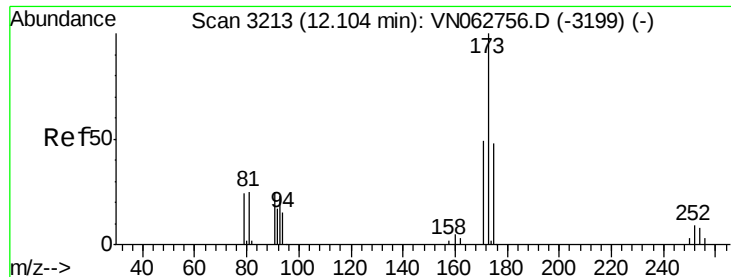
#70
Styrene
Concen: 18.114 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion:104 Resp: 101239
Ion Ratio Lower Upper
104 100
78 55.3 45.9 68.9
103 56.9 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

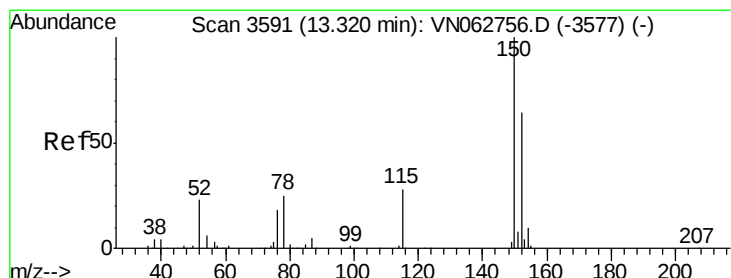
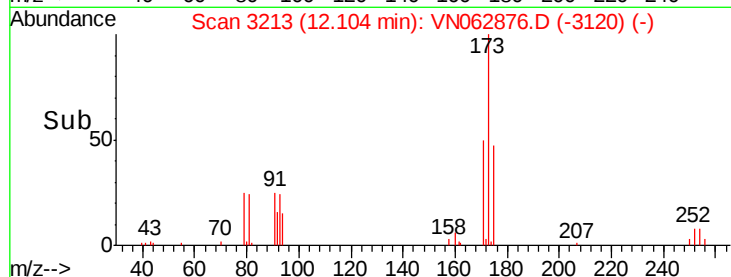
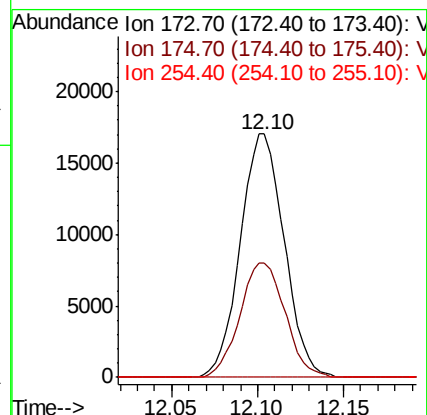
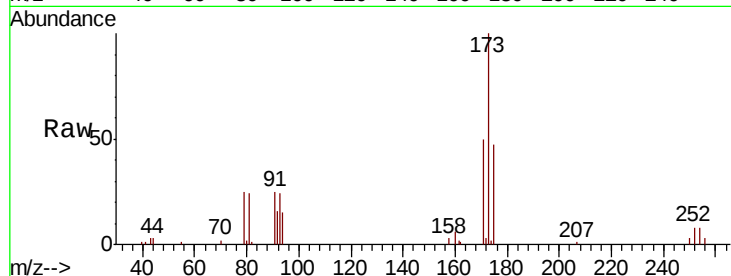




#71
Bromoform
Concen: 17.659 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

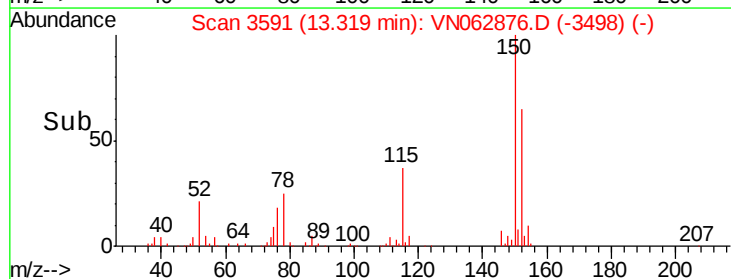
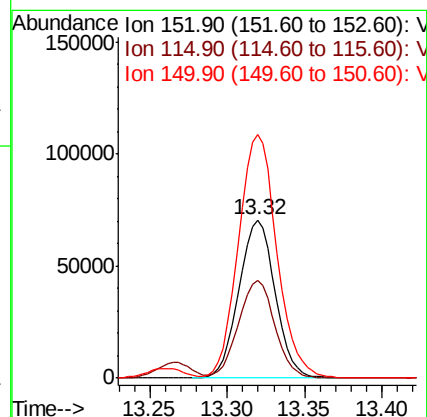
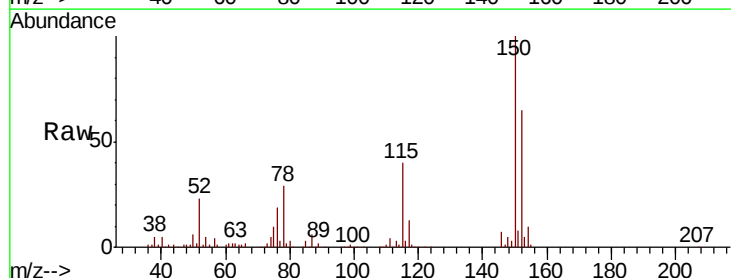
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

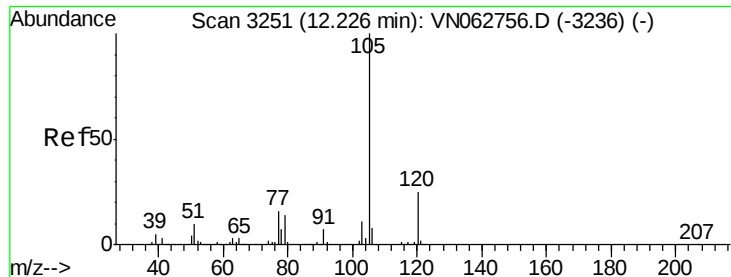
Tot Ion:173 Resp: 30307
Ion Ratio Lower Upper
173 100
175 48.2 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion:152 Resp: 114985
Ion Ratio Lower Upper
152 100
115 62.2 31.6 94.8
150 163.2 0.0 349.2





#73

Isopropylbenzene

Concen: 18.052 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampled :

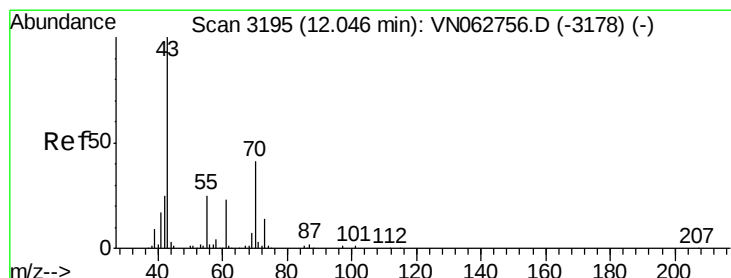
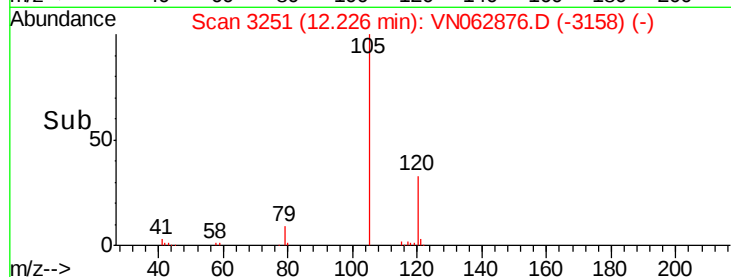
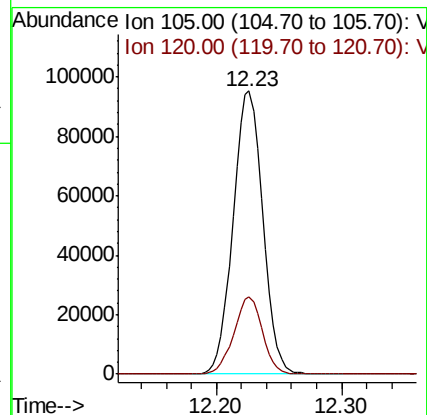
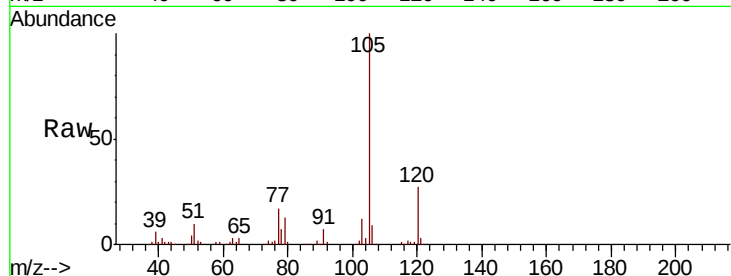
VN0812WBS02

Tot Ion:105 Resp: 156297

Ion Ratio Lower Upper

105 100

120 26.2 12.6 37.8



#74

N-ethyl acetate

Concen: 19.120 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion: 43 Resp: 67088

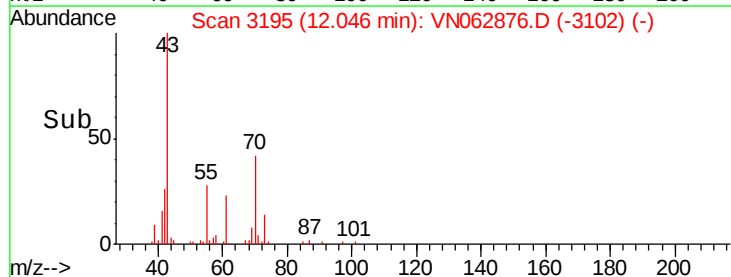
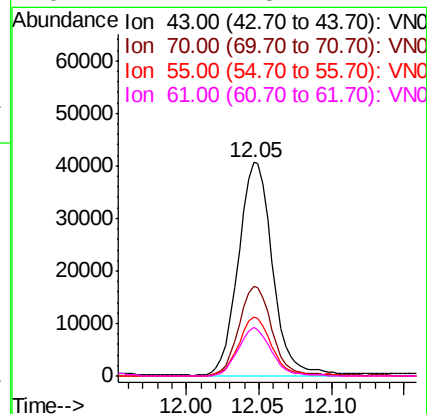
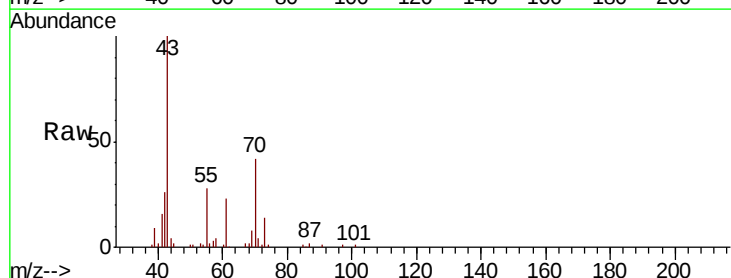
Ion Ratio Lower Upper

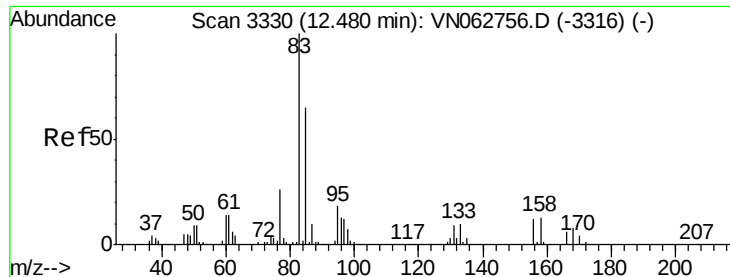
43 100

70 40.3 32.3 48.5

55 26.4 20.2 30.2

61 21.7 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.099 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

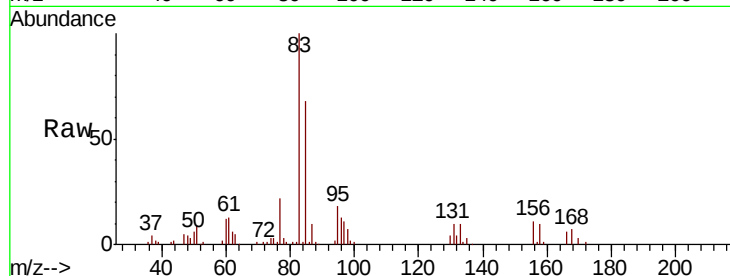
Tot Ion: 83 Resp: 58214

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

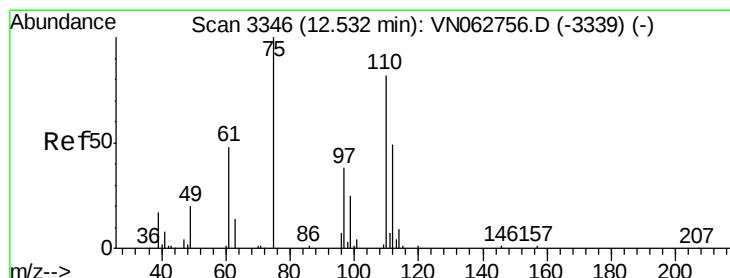
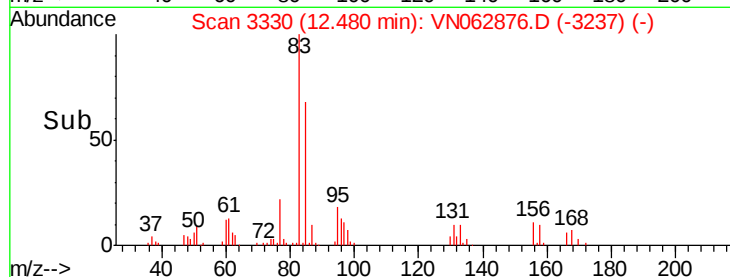
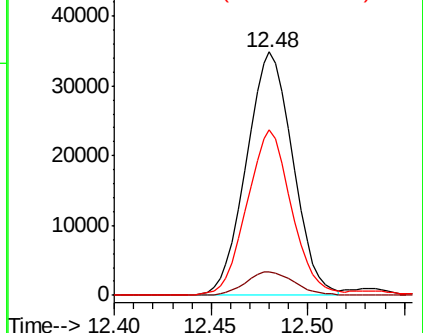
85 65.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 23.523 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN062876.D

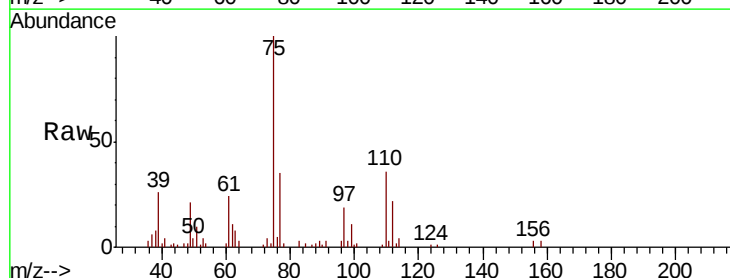
Acq: 12 Aug 2020 23:53

Tgt Ion: 75 Resp: 72946

Ion Ratio Lower Upper

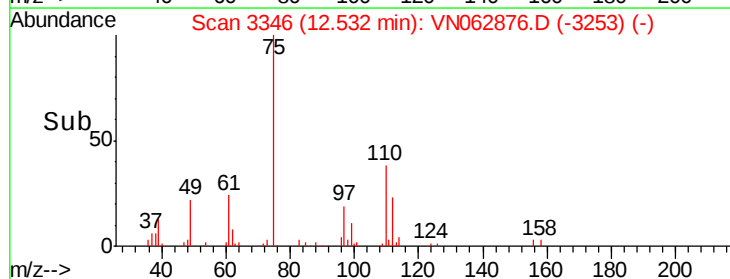
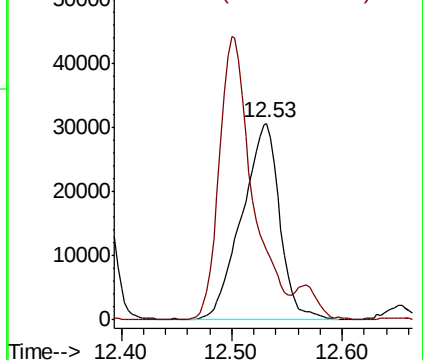
75 100

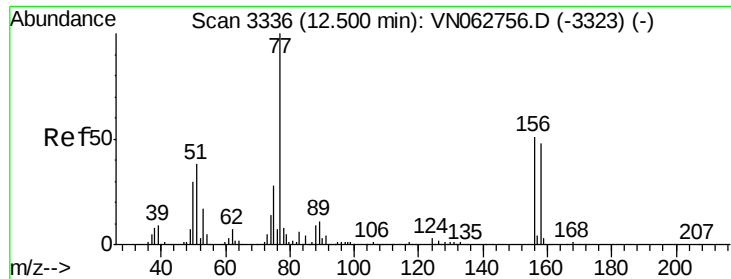
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.341 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS02

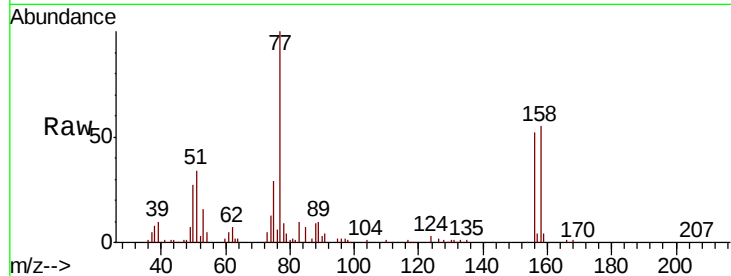
Tot Ion:156 Resp: 39457

Ion Ratio Lower Upper

156 100

77 233.2 119.7 359.1

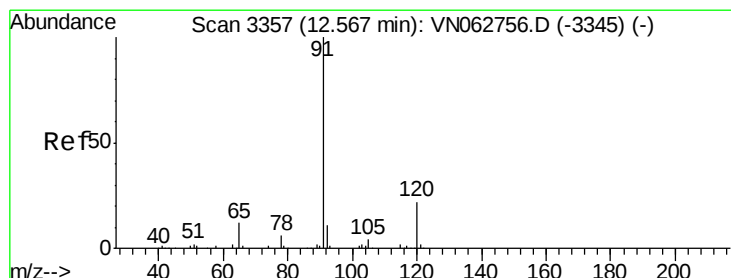
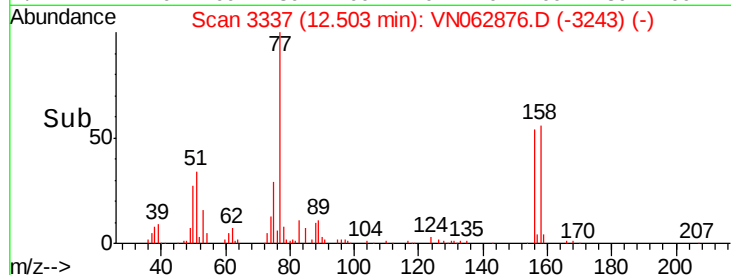
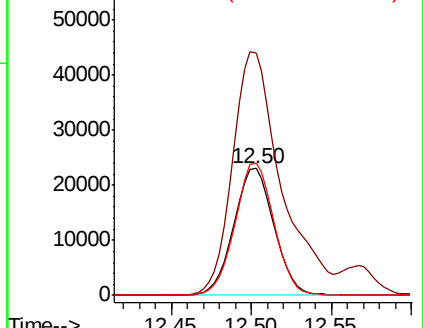
158 100.9 48.1 144.3



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: 17.707 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062876.D

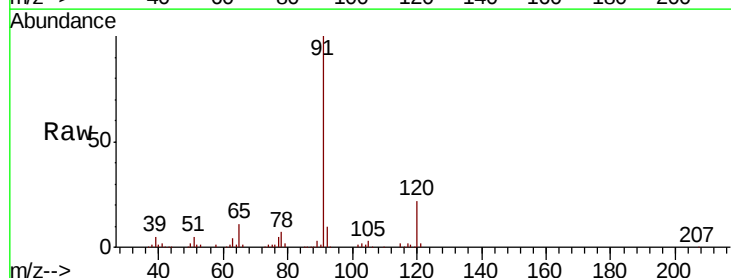
Acq: 12 Aug 2020 23:53

Tgt Ion: 91 Resp: 179969

Ion Ratio Lower Upper

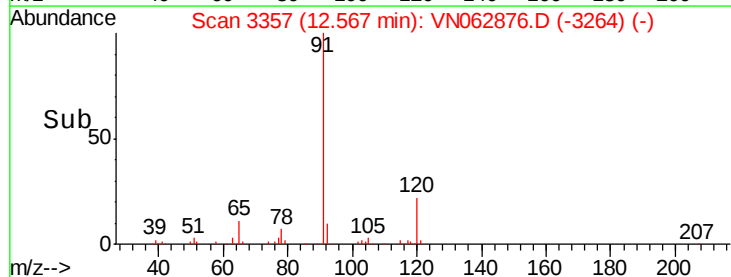
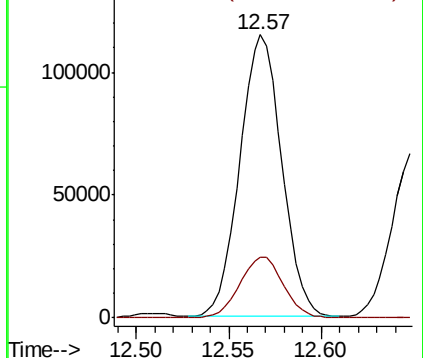
91 100

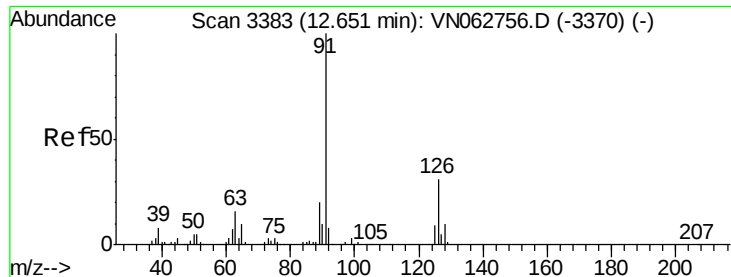
120 22.4 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.052 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

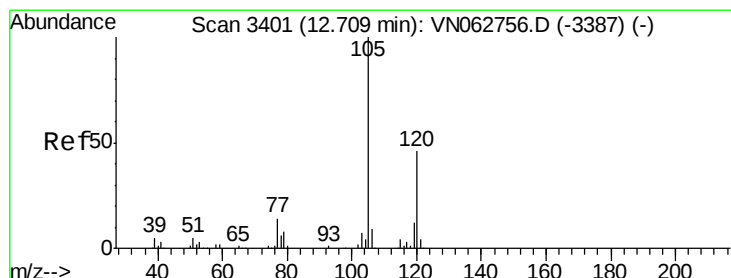
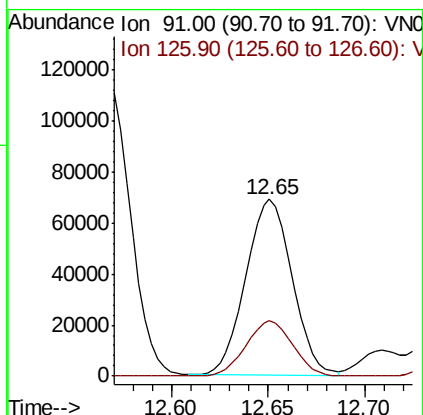
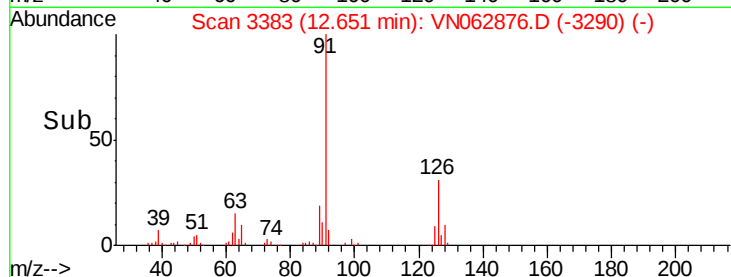
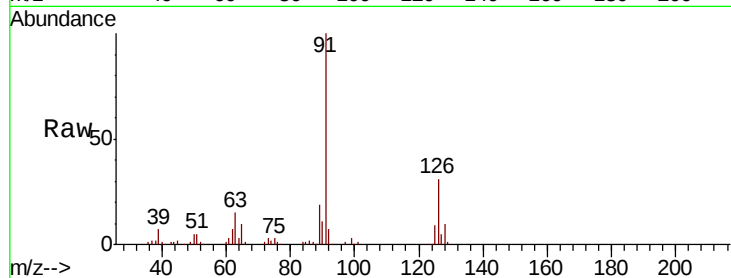
VN0812WBS02

Tot Ion: 91 Resp: 115055

Ion Ratio Lower Upper

91 100

126 31.8 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 18.844 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062876.D

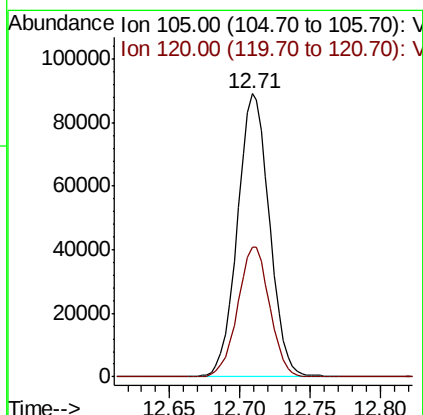
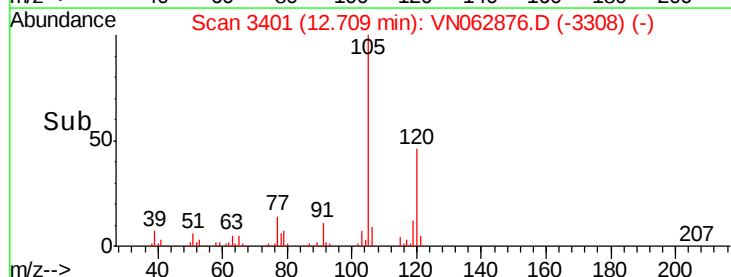
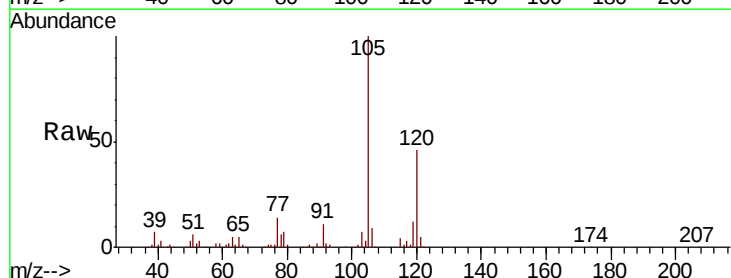
Acq: 12 Aug 2020 23:53

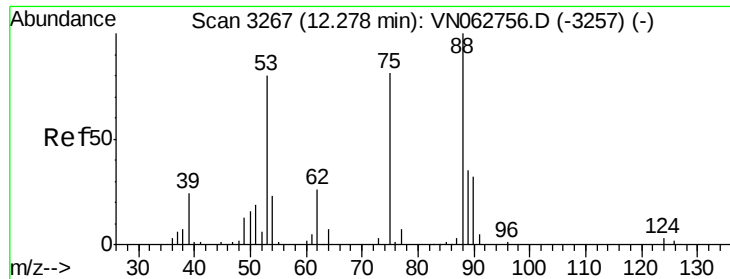
Tgt Ion:105 Resp: 141550

Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 15.980 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

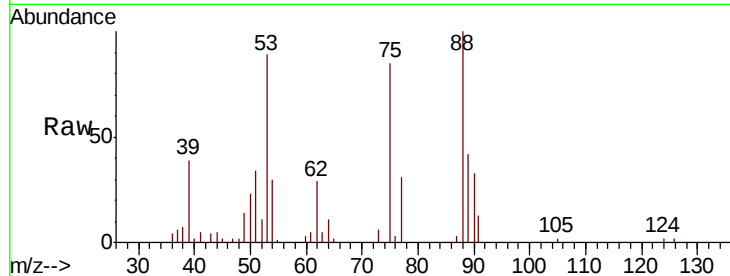
Tot Ion: 75 Resp: 16233

Ion Ratio Lower Upper

75 100

53 100.1 79.1 118.7

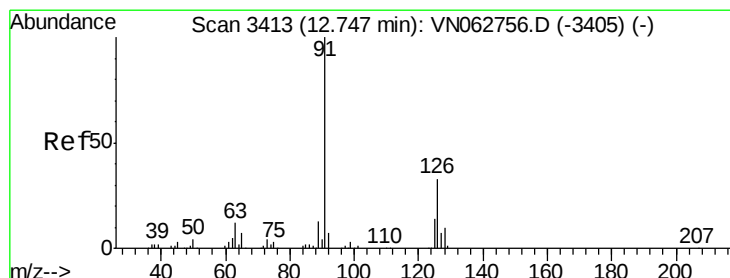
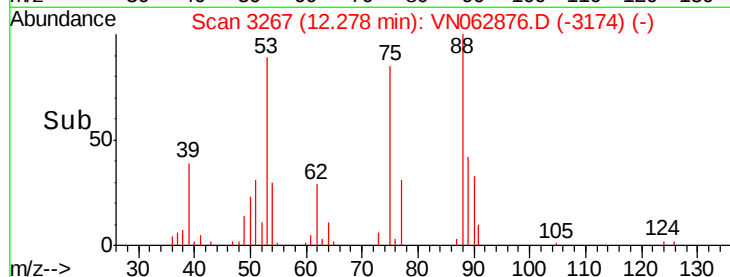
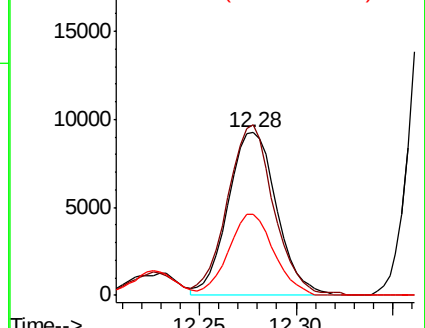
89 46.4 36.2 54.2



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: 17.829 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062876.D

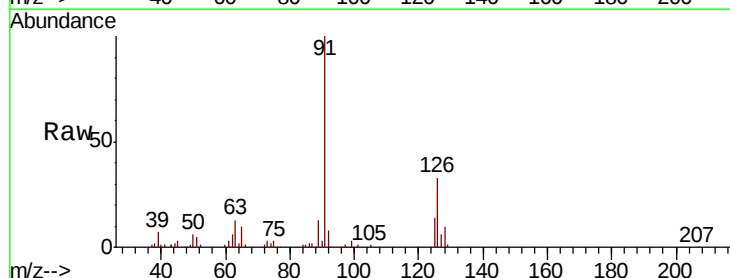
Acq: 12 Aug 2020 23:53

Tgt Ion: 91 Resp: 117103

Ion Ratio Lower Upper

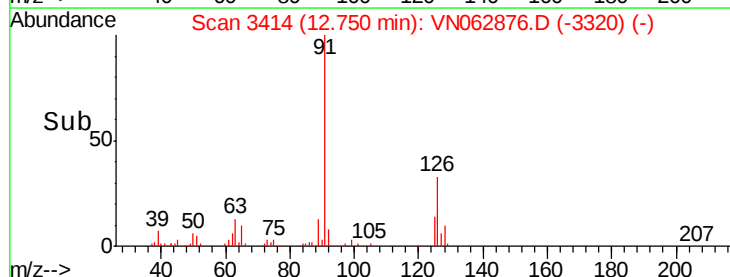
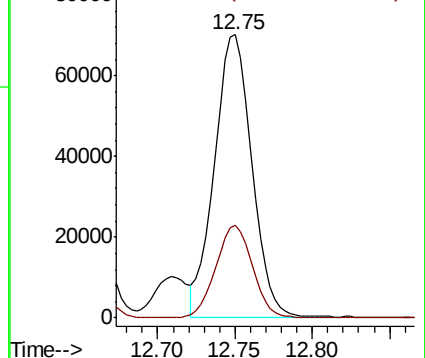
91 100

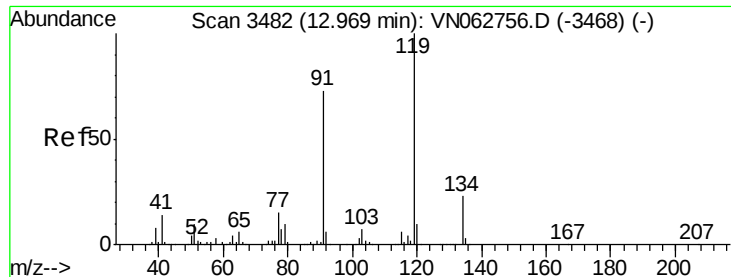
126 32.4 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

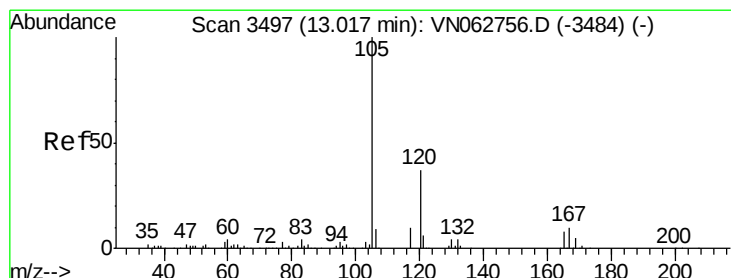
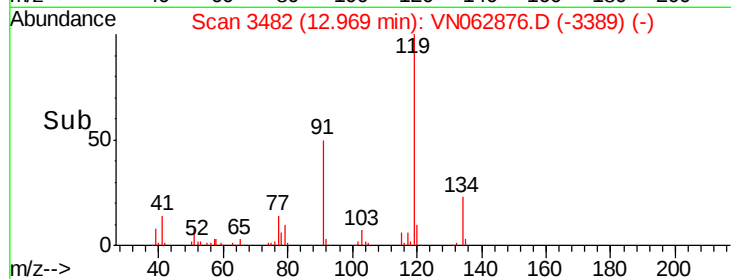
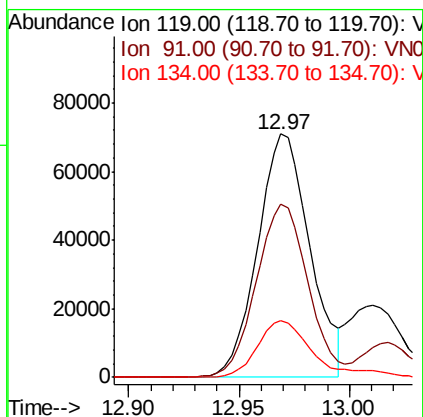
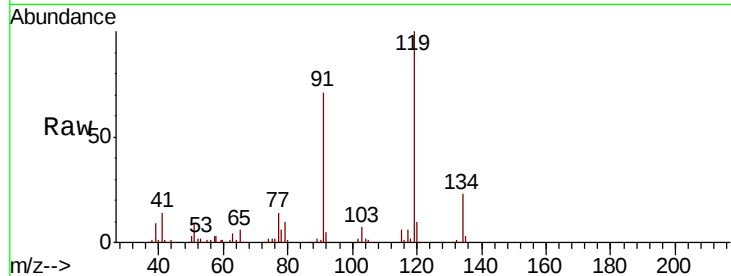




#83
 tert-Butylbenzene
 Concen: 18.361 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

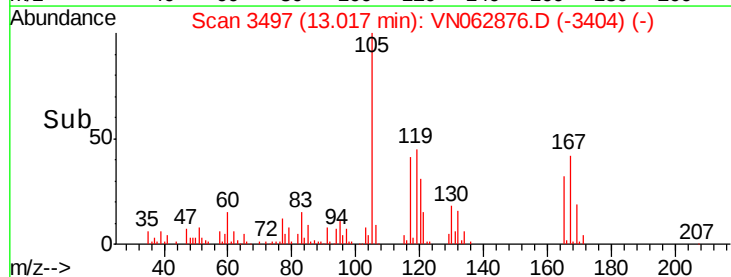
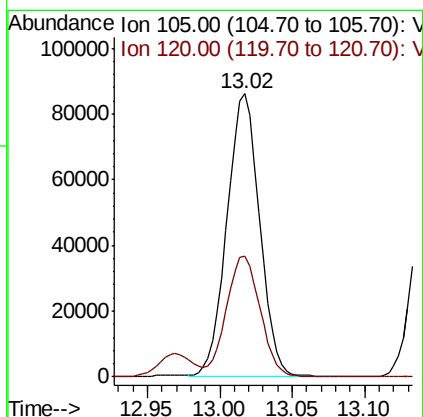
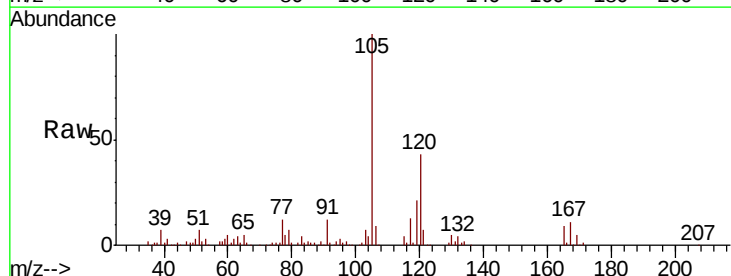
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

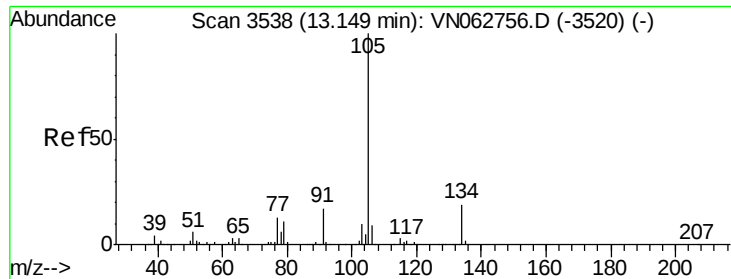
Tot Ion:119 Resp: 116702
 Ion Ratio Lower Upper
 119 100
 91 70.4 36.5 109.5
 134 25.0 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.692 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion:105 Resp: 134319
 Ion Ratio Lower Upper
 105 100
 120 44.5 21.4 64.2





#85

sec-Butylbenzene

Concen: 18.398 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampled :

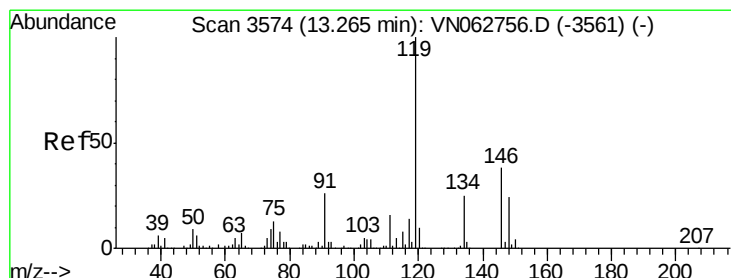
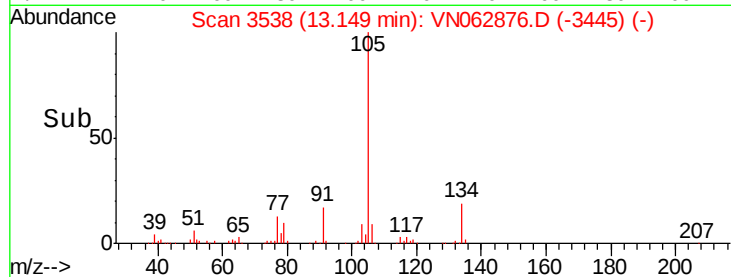
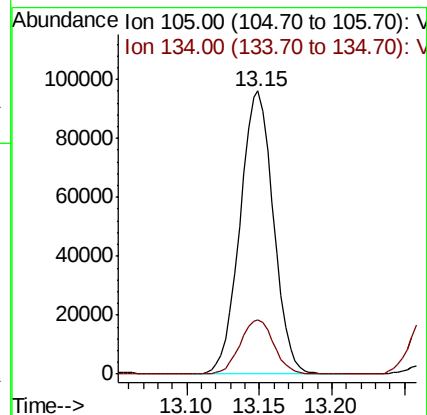
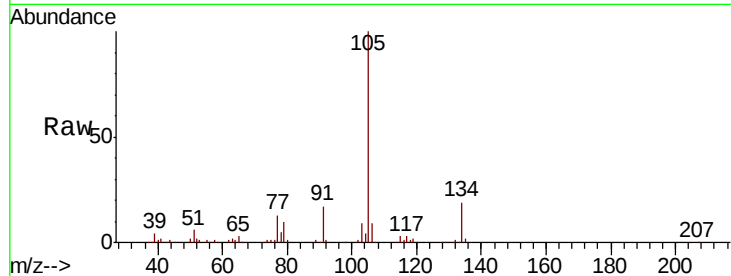
VN0812WBS02

Tot Ion:105 Resp: 153561

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6



#86

p-Isopropyltoluene

Concen: 17.790 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

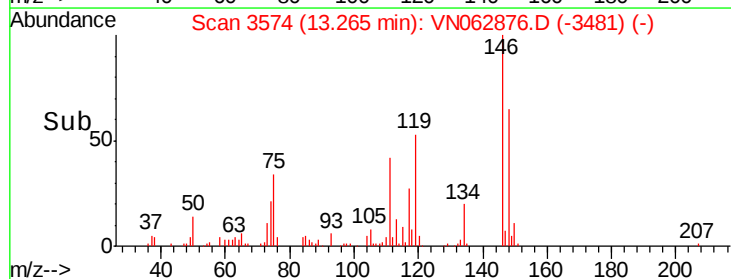
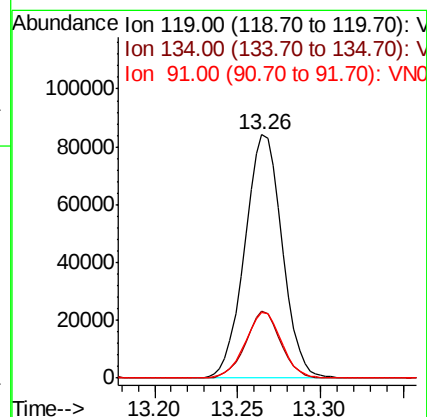
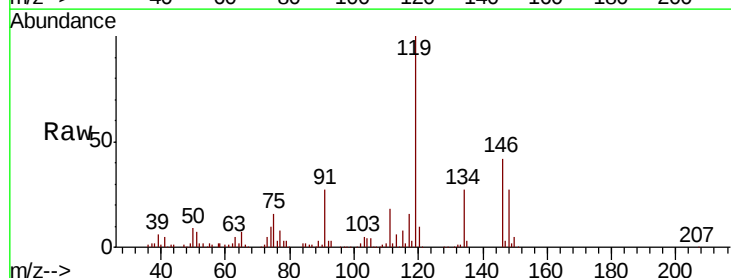
Tgt Ion:119 Resp: 131805

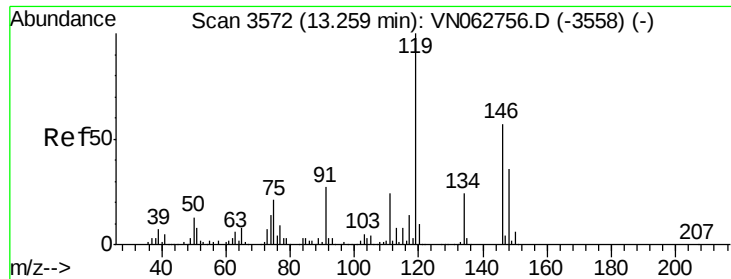
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

91 26.5 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 17.772 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

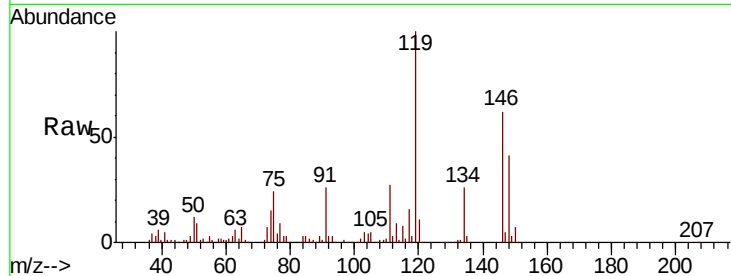
Tot Ion:146 Resp: 68301

Ion Ratio Lower Upper

146 100

111 43.3 21.7 65.1

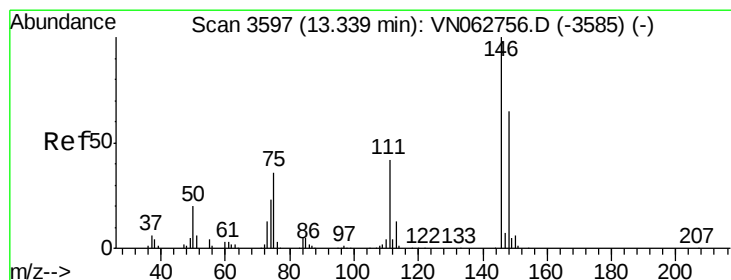
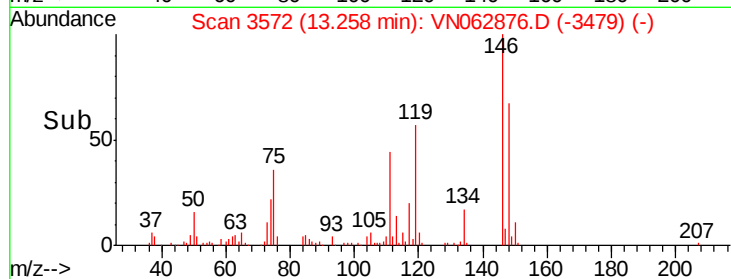
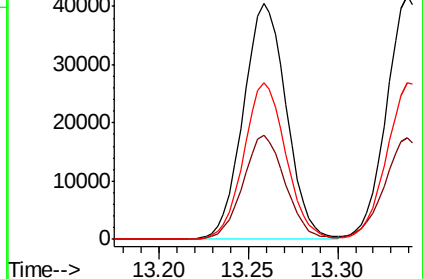
148 64.9 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.905 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

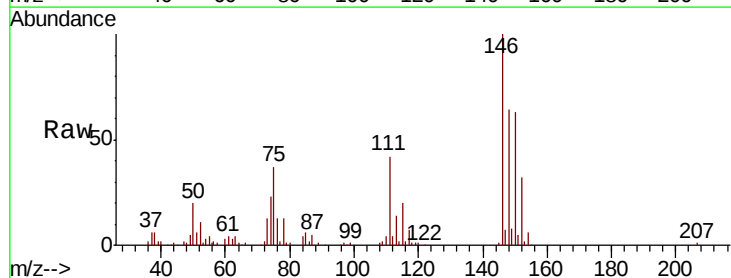
Tgt Ion:146 Resp: 69019

Ion Ratio Lower Upper

146 100

111 42.7 21.6 64.6

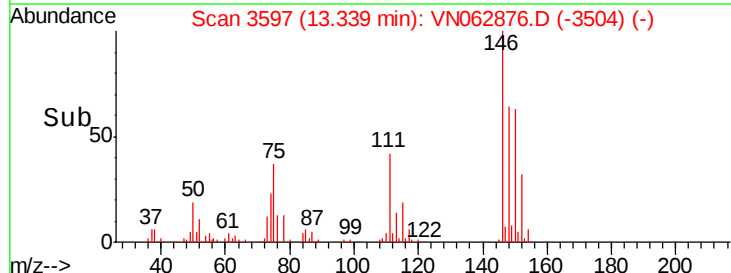
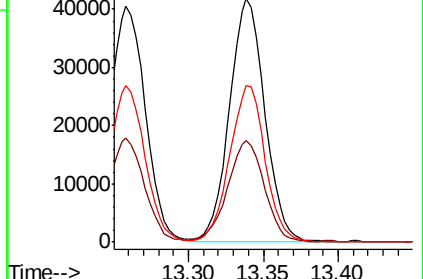
148 64.3 32.6 97.8

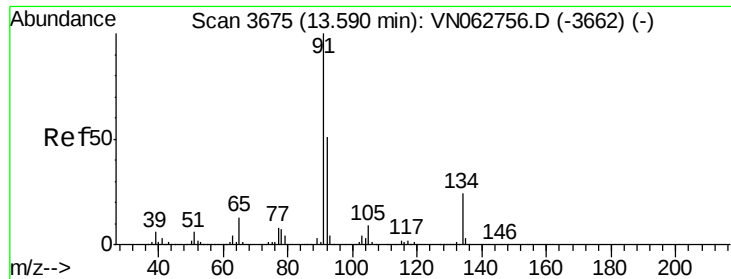


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 15.832 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

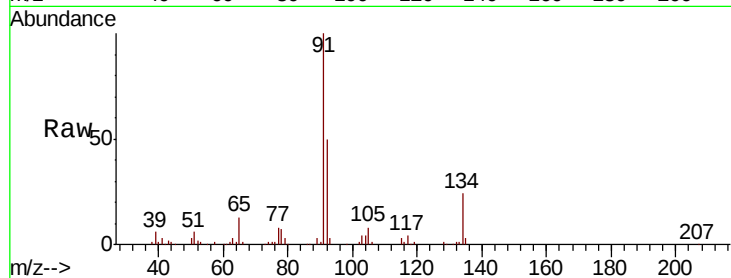
Tot Ion: 91 Resp: 99206

Ion Ratio Lower Upper

91 100

92 49.9 25.7 77.0

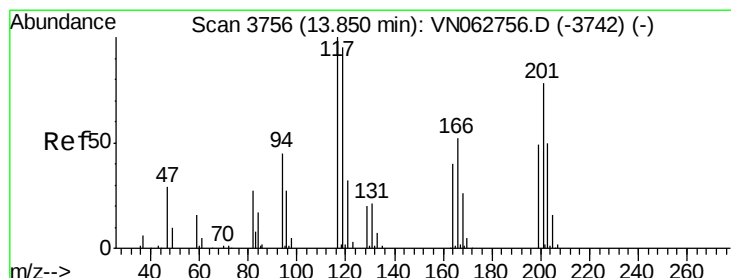
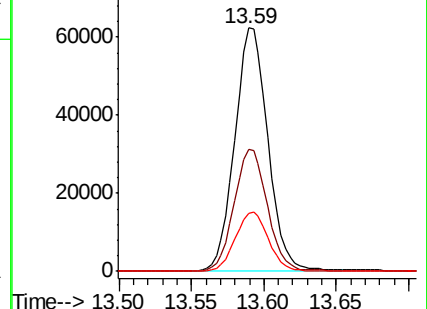
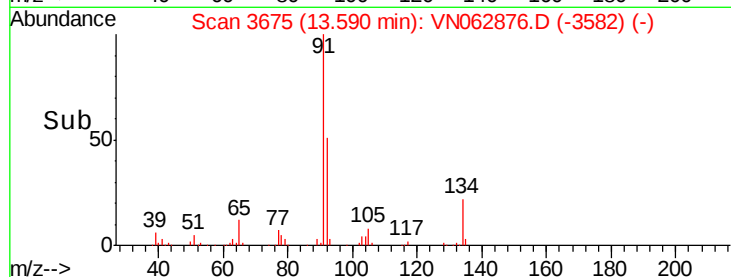
134 24.3 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN062876.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN062876.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN062876.D (-3663) (-)



#90

Hexachloroethane

Concen: 17.693 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062876.D

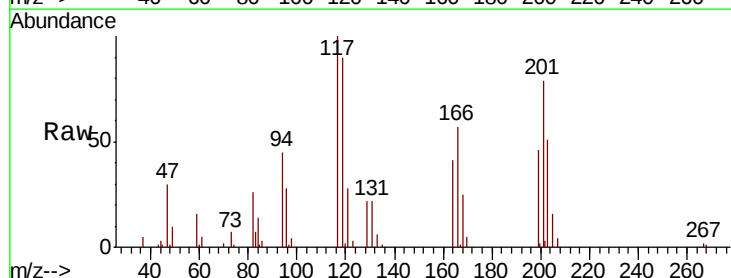
Acq: 12 Aug 2020 23:53

Tgt Ion: 117 Resp: 28256

Ion Ratio Lower Upper

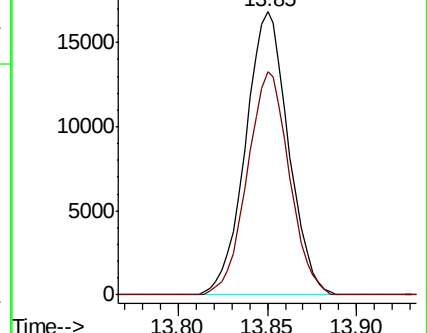
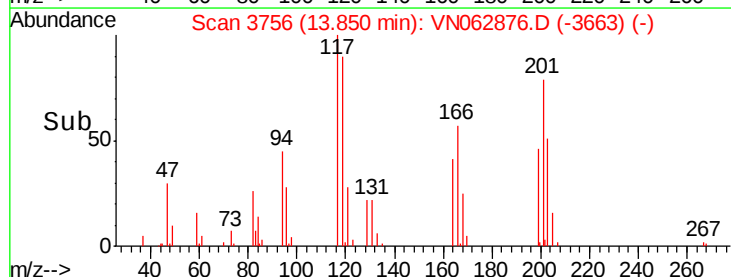
117 100

201 77.3 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062876.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062876.D (-3663) (-)

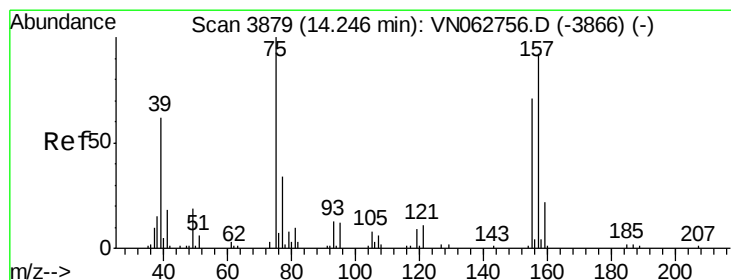
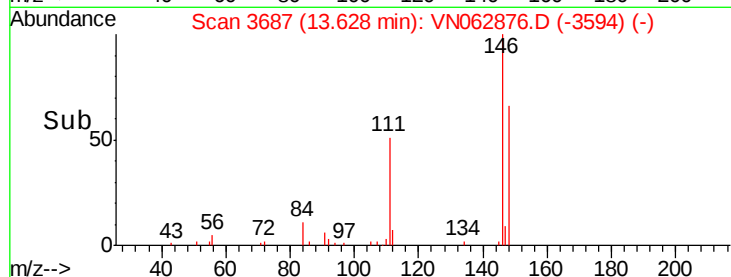
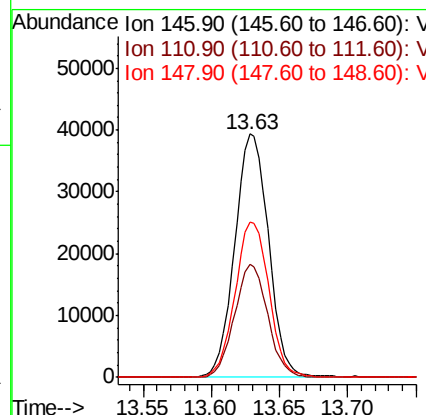
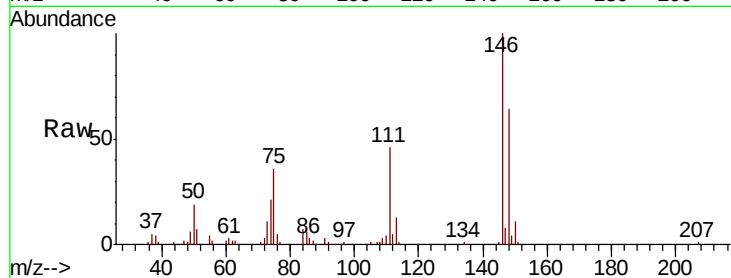




#91
 1,2-Dichlorobenzene
 Concen: 18.792 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

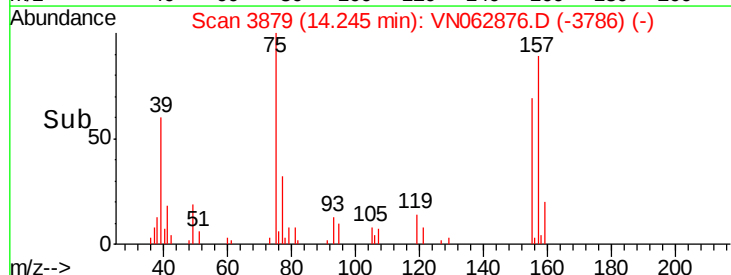
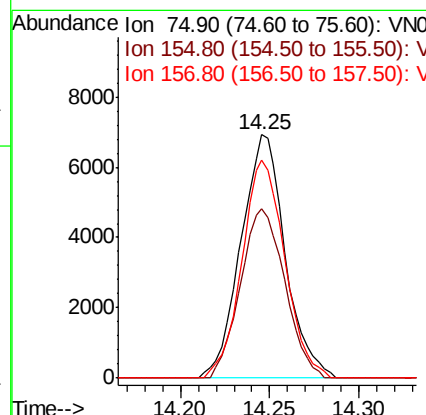
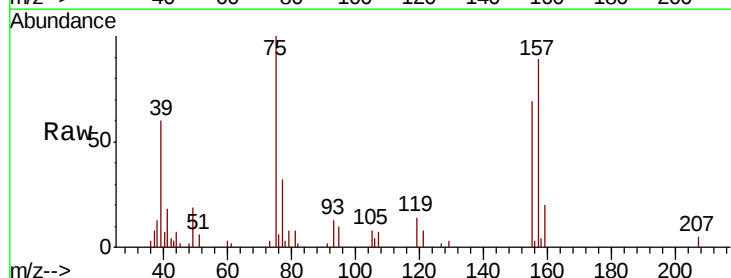
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

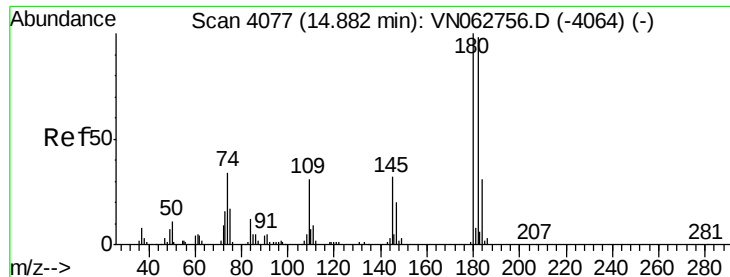
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.8	68.4
148	63.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.236 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.0	35.0	105.1
157	86.8	43.2	129.6

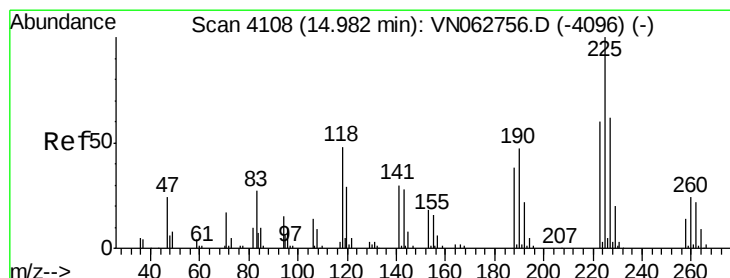
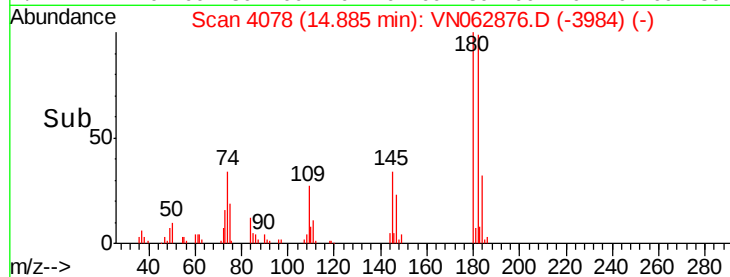
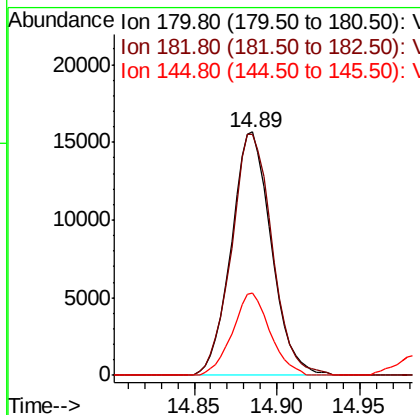
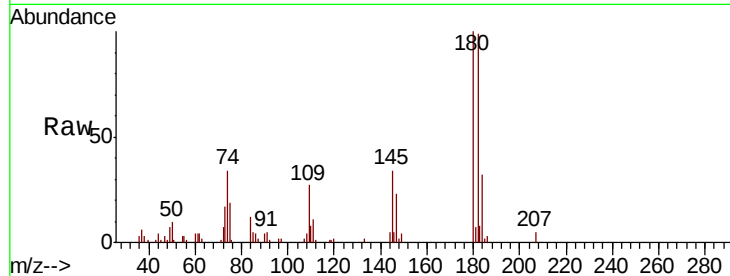




#93
 1,2,4-Trichlorobenzene
 Concen: 16.010 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

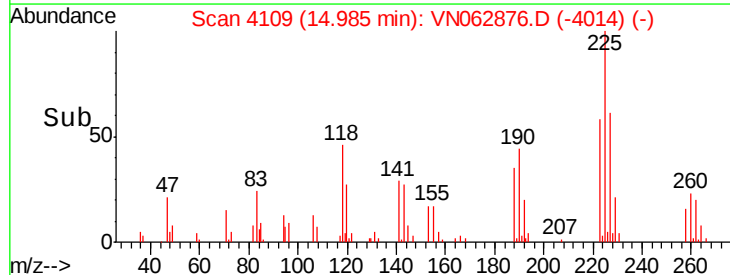
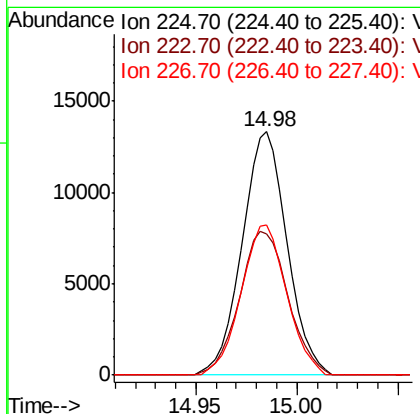
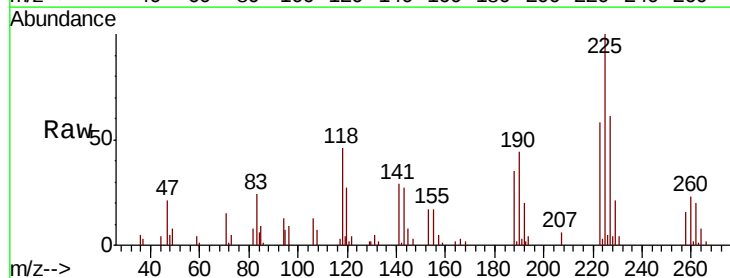
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

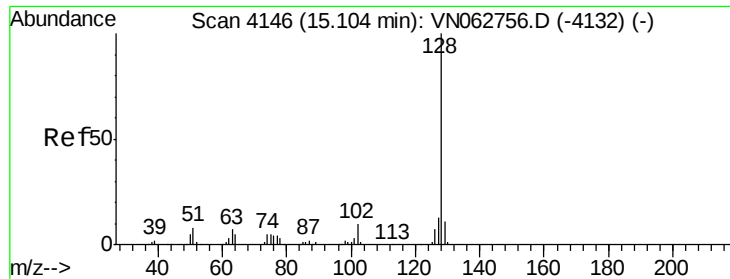
Tot Ion:180 Resp: 26300
 Ion Ratio Lower Upper
 180 100
 182 100.7 49.1 147.4
 145 31.8 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 17.329 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion:225 Resp: 20799
 Ion Ratio Lower Upper
 225 100
 223 63.9 30.6 92.0
 227 62.6 31.6 95.0

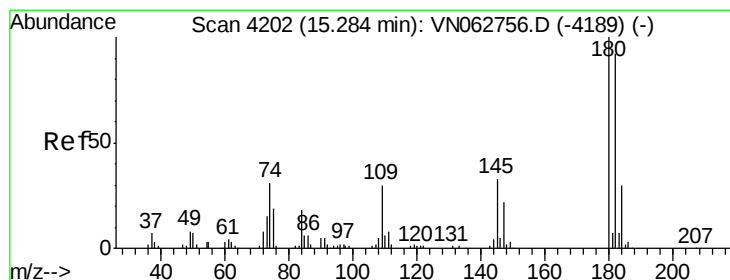
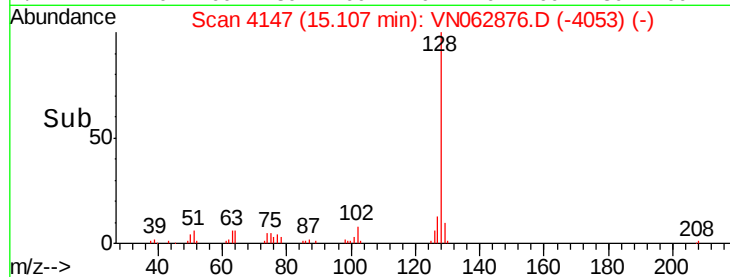
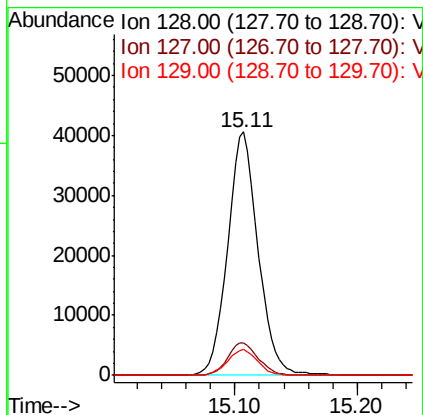
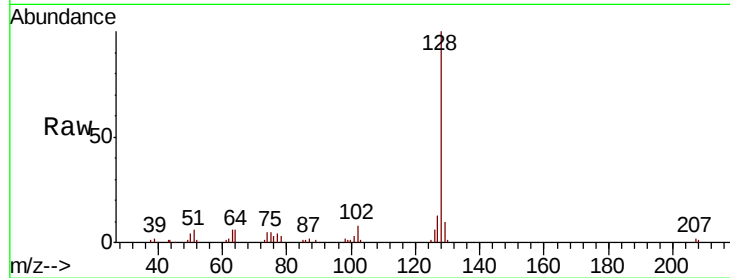




#95
Naphthalene
Concen: 16.086 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion:128 Resp: 70668
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.967 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion:180 Resp: 28707
Ion Ratio Lower Upper
180 100
182 94.0 47.9 143.6
145 35.4 17.3 51.7

