

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063121.D
 Acq On : 25 Aug 2020 19:04
 Operator : JC/MD
 Sample : L3792-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Aug 26 05:42:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	192453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	339381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	332772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	118511	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
35) Dibromofluoromethane	7.55	113	99381	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
50) Toluene-d8	10.06	98	421631	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.38	95	158049	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	

Target Compounds

					Qvalue
3) Chloromethane	2.04	50	5574	2.112	ug/l 93
6) Chloroethane	2.68	64	1844	1.224	ug/l # 76
11) Tert butyl alcohol	4.73	59	130340	403.425	ug/l 99
14) Allyl chloride	4.24	41	8229	2.857	ug/l # 31
15) Acrylonitrile	4.74	53	567	0.597	ug/l # 1
16) Acetone	3.78	43	496616	705.345	ug/l 98
17) Carbon Disulfide	4.01	76	5562	1.300	ug/l 97
18) Methyl Acetate	4.29	43	96747	42.681	ug/l 99
20) Methylene Chloride	4.51	84	1462	Below Cal	90
25) 2-Butanone	6.79	43	30172	24.916	ug/l 96
26) 2,2-Dichloropropane	6.77	77	1602	0.558	ug/l # 52
28) Bromochloromethane	7.33	49	22425	11.734	ug/l # 13
29) Tetrahydrofuran	7.17	42	3447	4.410	ug/l # 86
30) Chloroform	7.33	83	302204	82.153	ug/l 100
31) Cyclohexane	7.63	56	4690	1.395	ug/l # 5
36) 1,1-Dichloropropene	7.63	75	13875	4.639	ug/l # 50
37) Ethyl Acetate	6.79	43	30172	10.766	ug/l # 68
38) Carbon Tetrachloride	7.63	117	17632	5.839	ug/l # 17
39) Methylcyclohexane	9.04	83	790	1.752	ug/l # 69
40) Benzene	8.00	78	236822	24.966	ug/l 100
41) Methacrylonitrile	7.17	41	2750	2.060	ug/l # 28
43) Isopropyl Acetate	8.10	43	3513	0.757	ug/l # 53
45) 1,2-Dichloropropane	9.09	63	769	0.280	ug/l # 33
49) 1,4-Dioxane	9.17	88	4999	117.126	ug/l 88
51) 4-Methyl-2-Pentanone	9.95	43	35572	12.121	ug/l 98
52) Toluene	10.13	92	108937	19.038	ug/l 99
53) t-1,3-Dichloropropene	10.13	75	1122	0.313	ug/l # 1
55) 1,1,2-Trichloroethane	10.38	97	1575	0.644	ug/l # 14
56) Ethyl methacrylate	10.33	69	4698	2.941	ug/l # 54
58) 2-Chloroethyl Vinyl ether	9.68	63	932	13.165	ug/l # 49
59) 2-Hexanone	10.73	43	2034	0.994	ug/l 82
67) Ethyl Benzene	11.49	91	24775	2.194	ug/l # 88
68) m/p-Xylenes	11.59	106	36164	8.616	ug/l 98
69) o-Xylene	11.92	106	17781	4.412	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

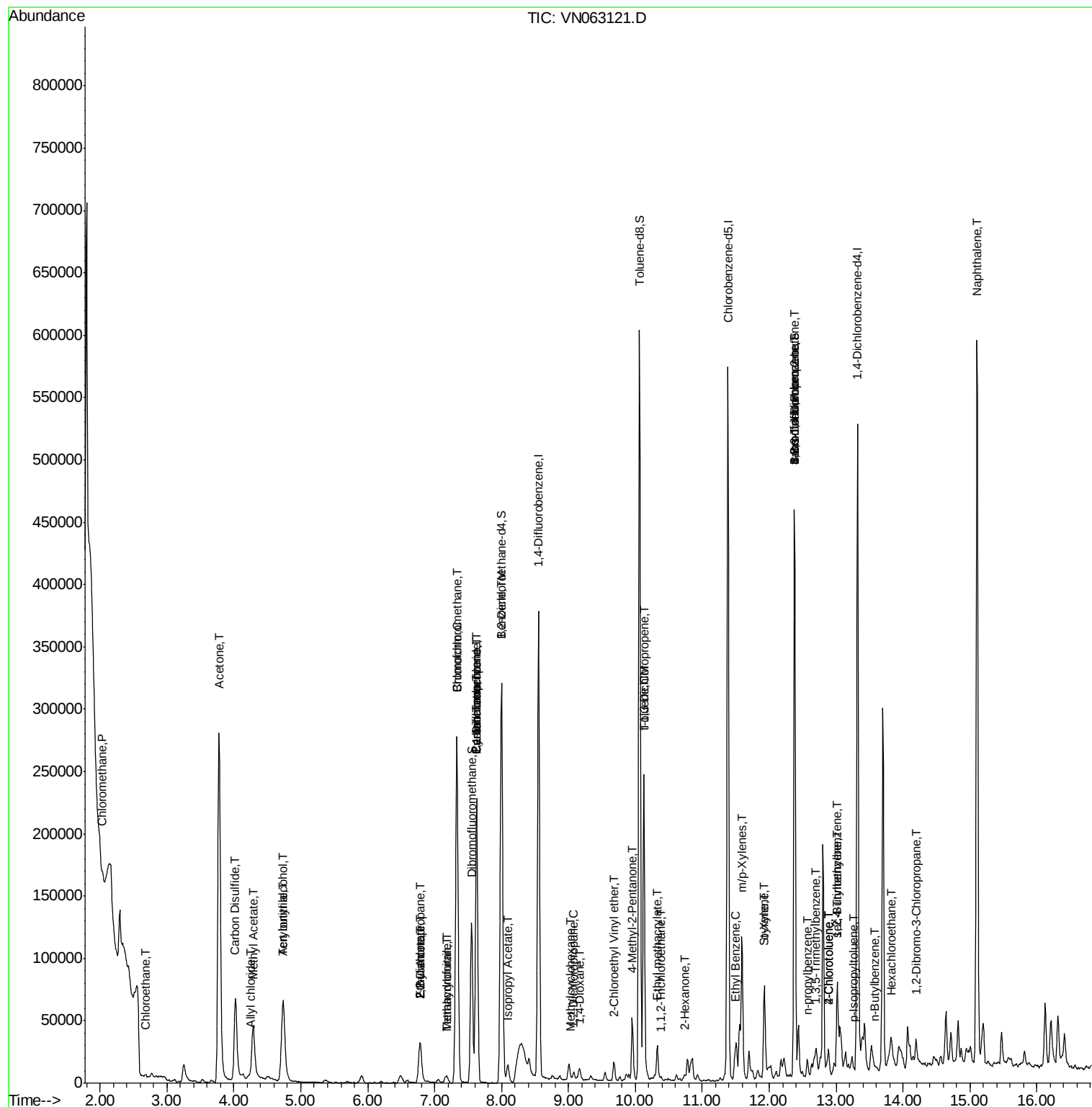
70) Styrene	11.94	104	14728	3.694	ug/l #	83
71) Bromoform	12.37	173	420	0.203	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.49	83	314	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.38	75	77019	27.235	ug/l #	100
78) n-propylbenzene	12.57	91	6536	0.576	ug/l #	64
79) 2-Chlorotoluene	12.88	91	2712	0.380	ug/l	79
80) 1,3,5-Trimethylbenzene	12.71	105	5840	0.709	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	77019	74.801	ug/l #	15
82) 4-Chlorotoluene	12.88	91	2712	0.373	ug/l	81
84) 1,2,4-Trimethylbenzene	13.02	105	42910	5.348	ug/l	95
85) sec-Butylbenzene	13.02	105	42910	4.467	ug/l #	57
86) p-Isopropyltoluene	13.26	119	2079	0.248	ug/l	83
89) n-Butylbenzene	13.59	91	95	2.782	ug/l #	1
90) Hexachloroethane	13.84	117	415	0.233	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.19	75	122	0.243	ug/l #	1
95) Naphthalene	15.11	128	503568	82.604	ug/l	99

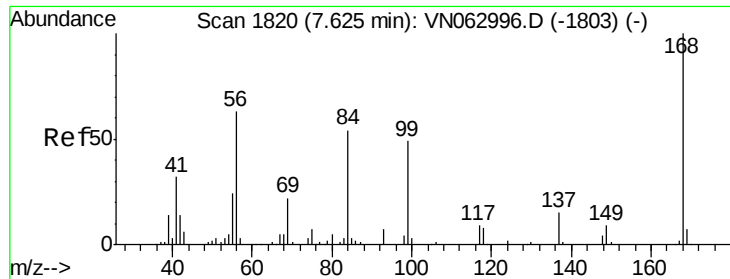
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

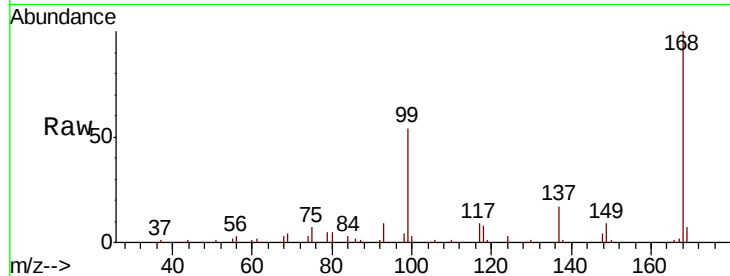
COMP-2

Tot Ion:168 Resp: 192453

Ion Ratio Lower Upper

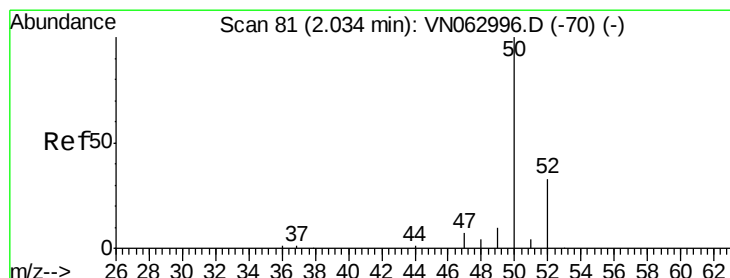
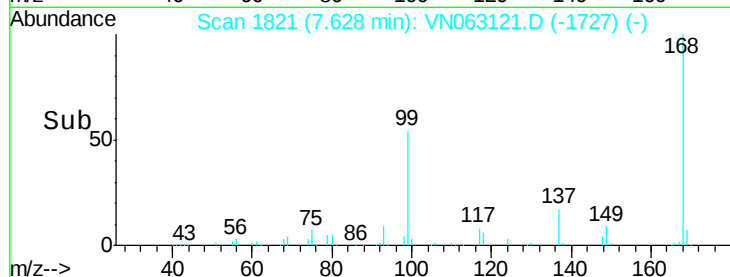
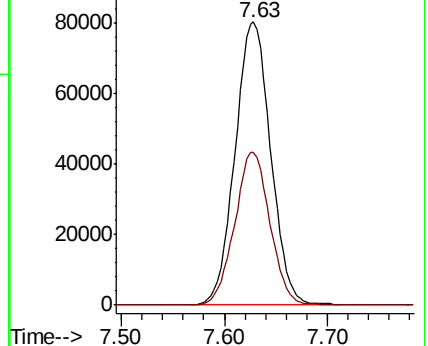
168 100

99 54.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 2.112 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063121.D

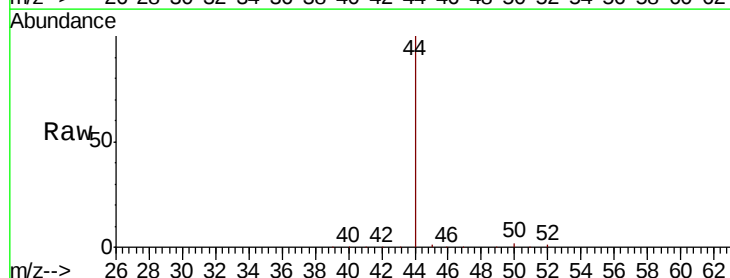
Acq: 25 Aug 2020 19:04

Tgt Ion: 50 Resp: 5574

Ion Ratio Lower Upper

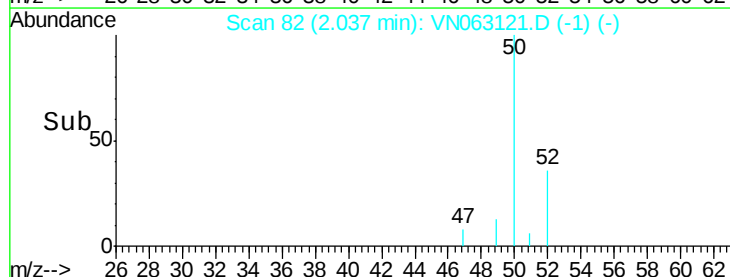
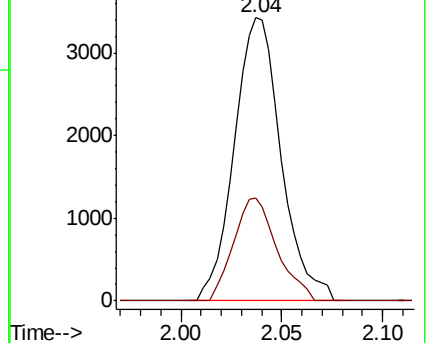
50 100

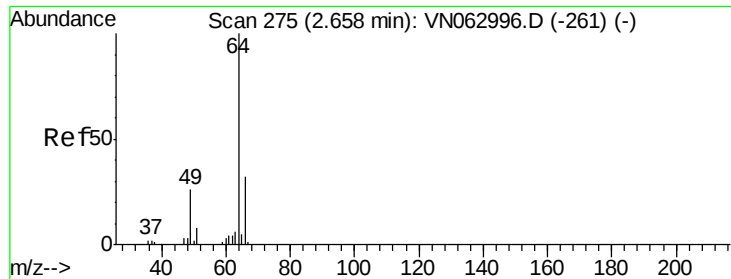
52 36.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#6

Chloroethane

Concen: 1.224 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.02 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

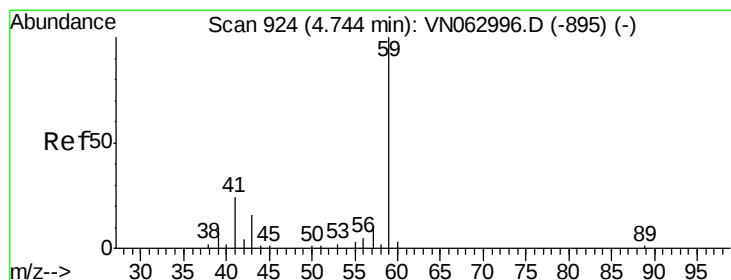
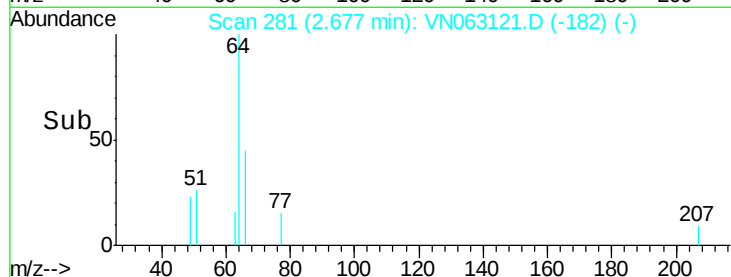
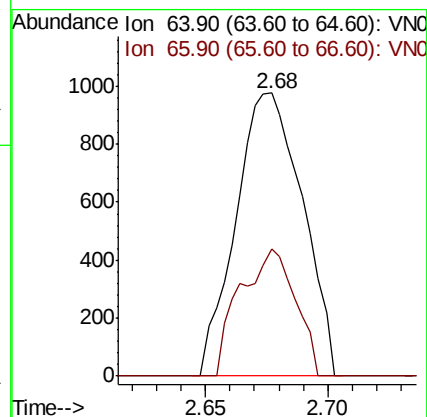
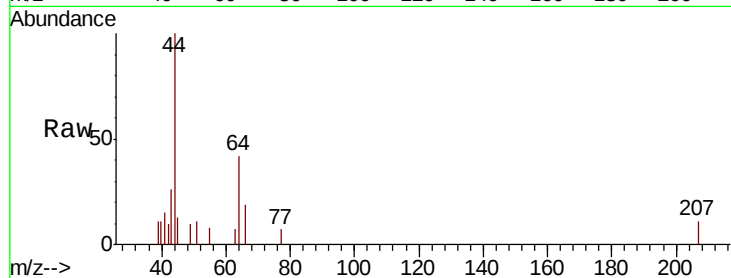
COMP-2

Tot Ion: 64 Resp: 1844

Ion Ratio Lower Upper

64 100

66 45.0 25.4 38.0#



#11

Tert butyl alcohol

Concen: 403.425 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.01 min

Lab File: VN063121.D

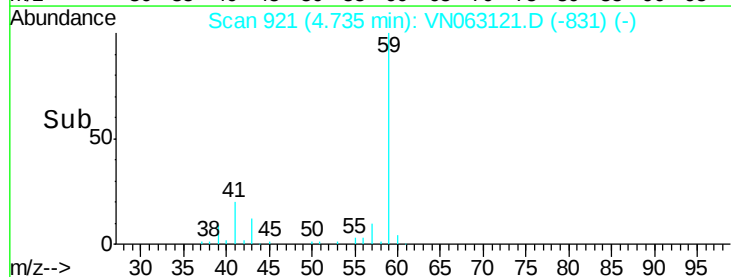
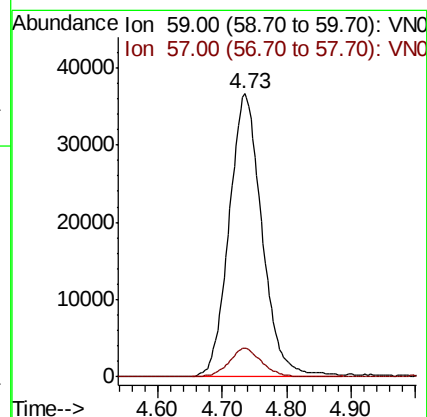
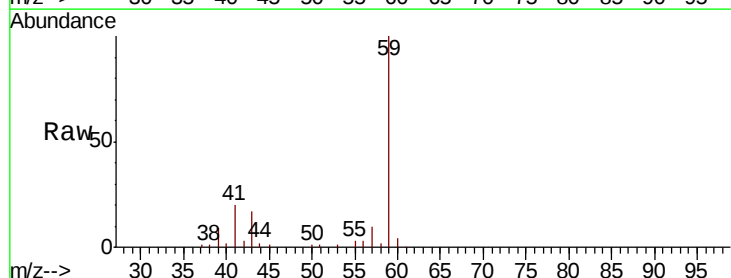
Acq: 25 Aug 2020 19:04

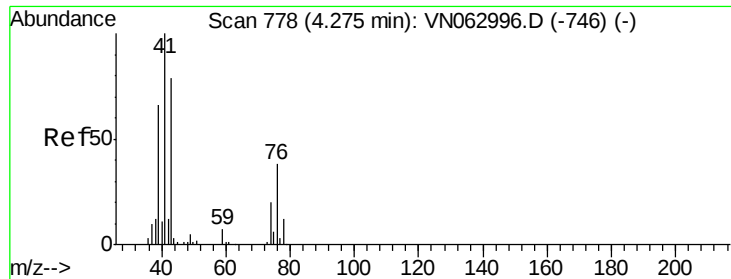
Tgt Ion: 59 Resp: 130340

Ion Ratio Lower Upper

59 100

57 9.9 7.8 11.6





#14

Allvl chloride

Concen: 2.857 ug/l

RT: 4.24 min Scan# 766

Delta R.T. -0.04 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

COMP-2

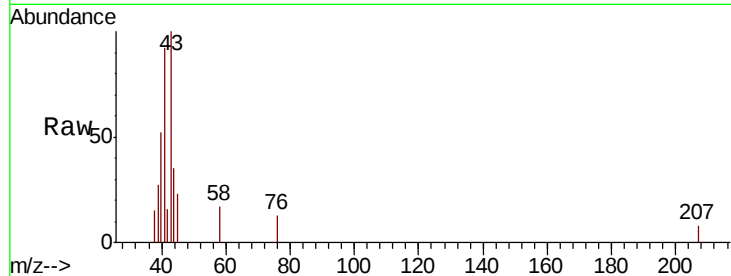
Tot Ion: 41 Resp: 8229

Ion Ratio Lower Upper

41 100

39 3.3 47.9 71.9#

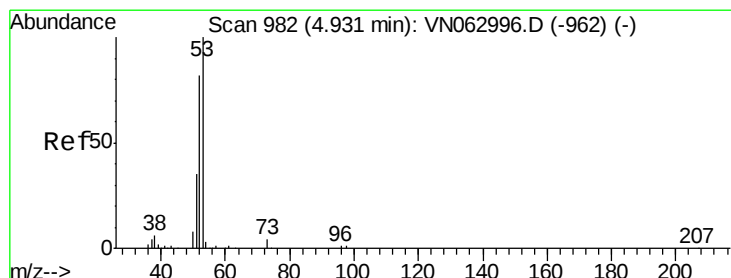
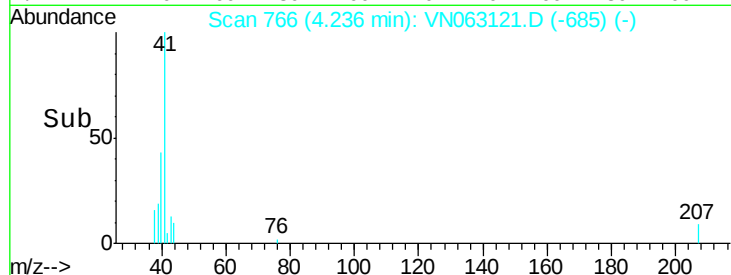
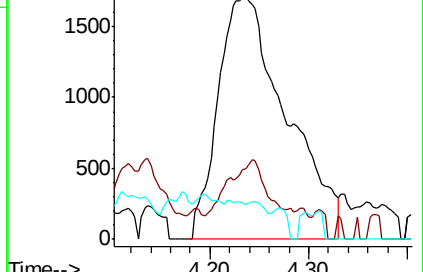
76 0.0 27.0 40.6#



Abundance Ion 41.00 (40.70 to 41.70): VN063121.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN063121.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN063121.D (-685) (-)



#15

Acrylonitrile

Concen: 0.597 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.19 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

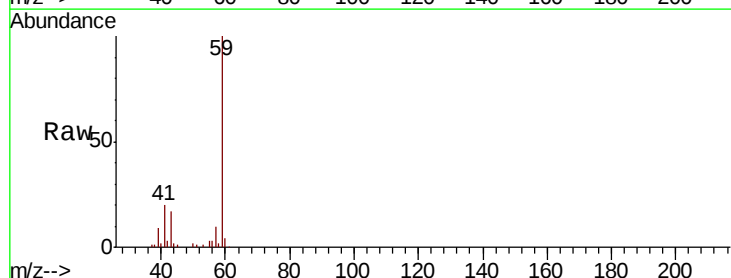
Tgt Ion: 53 Resp: 567

Ion Ratio Lower Upper

53 100

52 0.0 65.6 98.4#

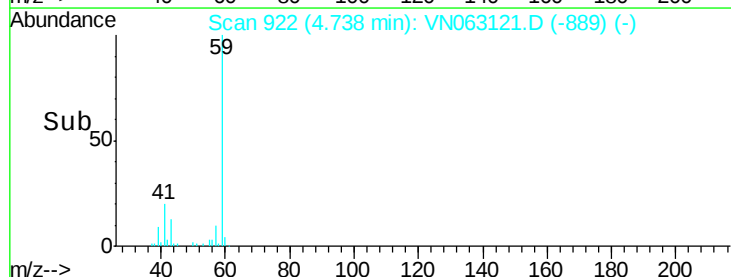
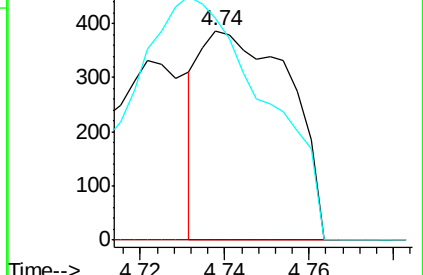
51 180.1 28.2 42.4#

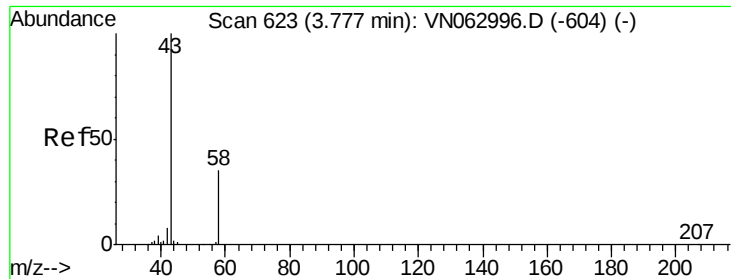


Abundance Ion 53.00 (52.70 to 53.70): VN063121.D (-889) (-)

Ion 52.00 (51.70 to 52.70): VN063121.D (-889) (-)

Ion 51.00 (50.70 to 51.70): VN063121.D (-889) (-)





#16

Acetone

Concen: 705.345 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

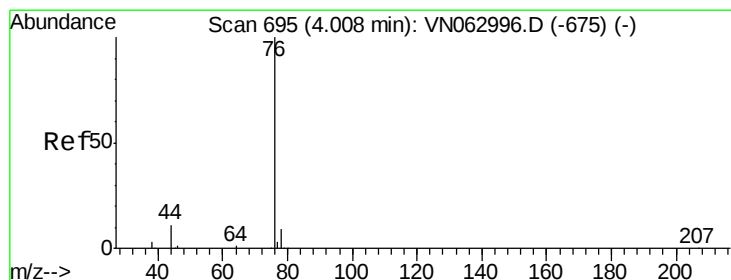
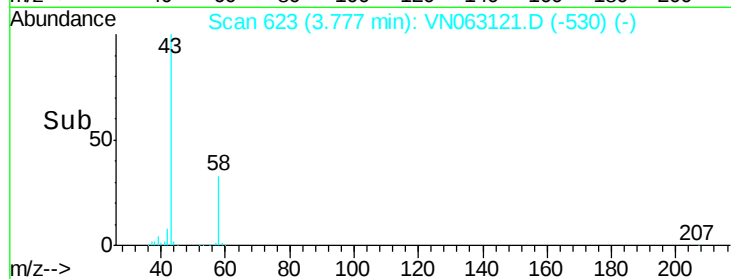
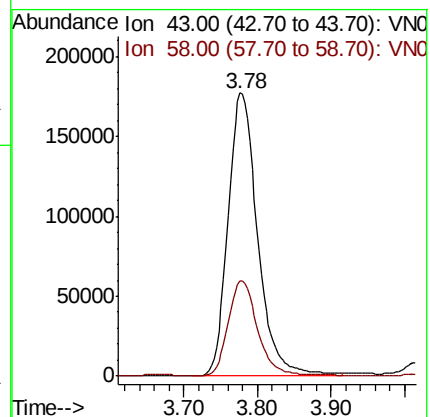
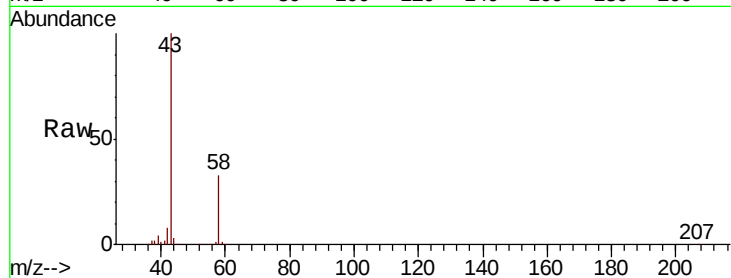
COMP-2

Tot Ion: 43 Resp: 496616

Ion Ratio Lower Upper

43 100

58 33.4 27.8 41.6



#17

Carbon Disulfide

Concen: 1.300 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN063121.D

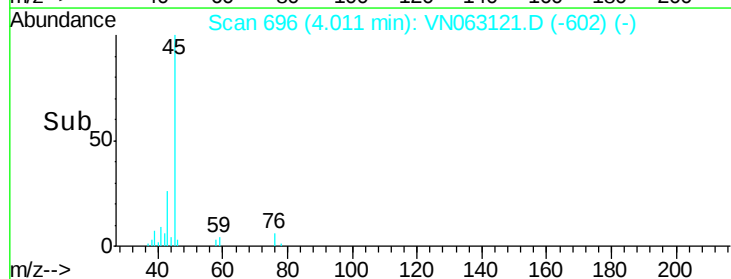
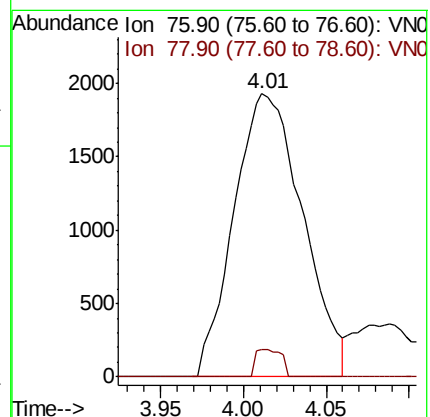
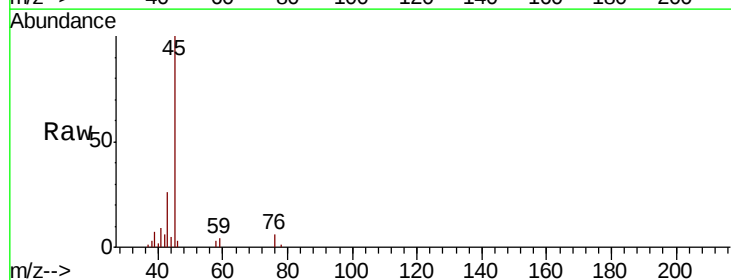
Acq: 25 Aug 2020 19:04

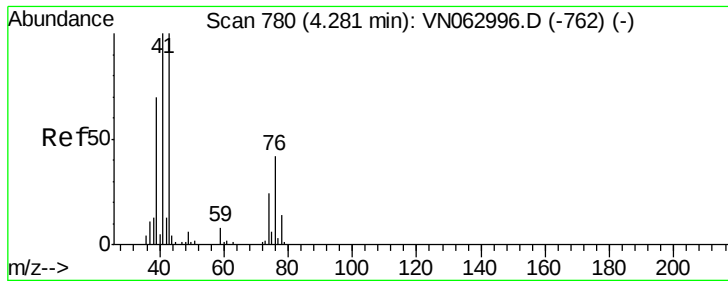
Tgt Ion: 76 Resp: 5562

Ion Ratio Lower Upper

76 100

78 9.8 6.9 10.3

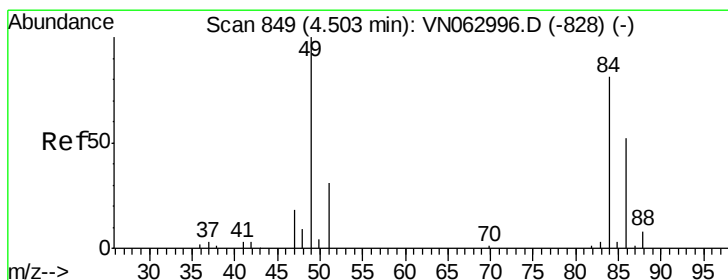
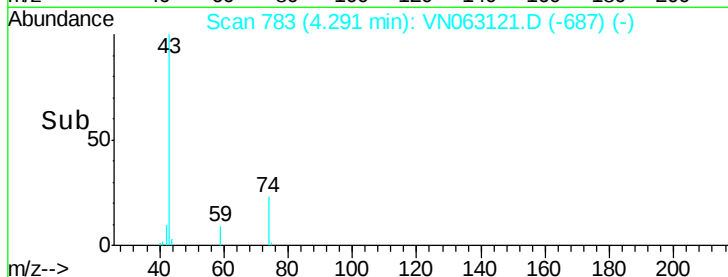
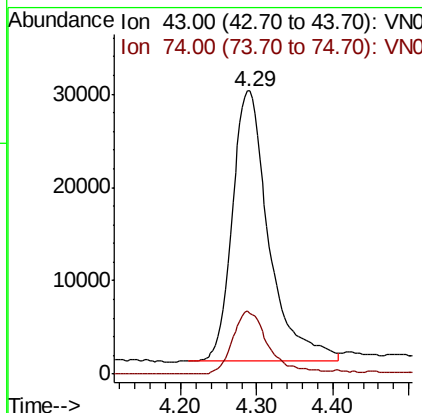
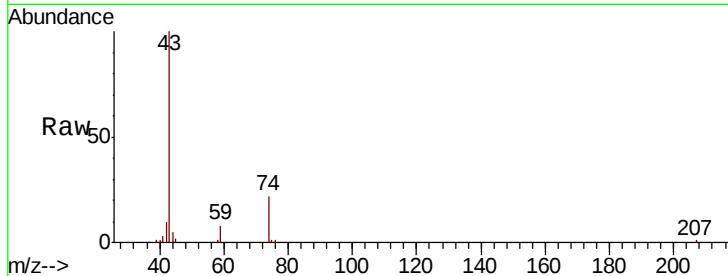




#18
Methyl Acetate
Concen: 42.681 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

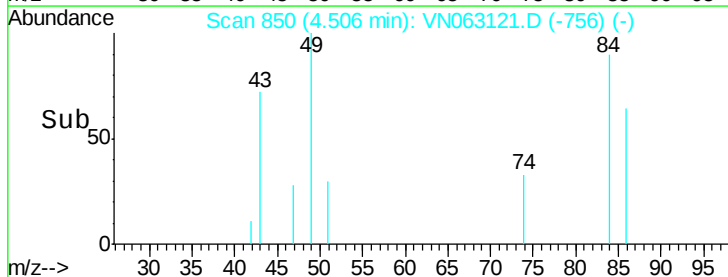
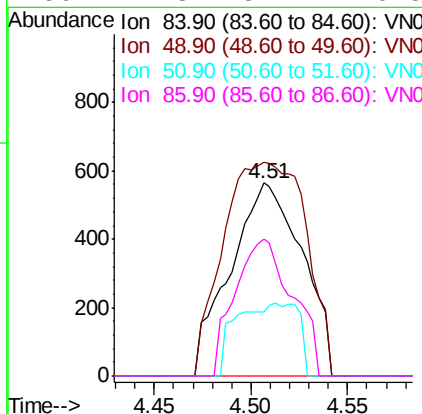
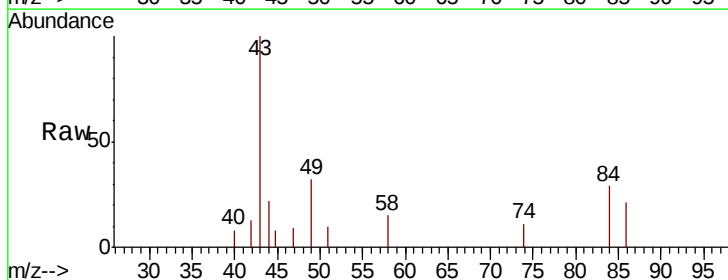
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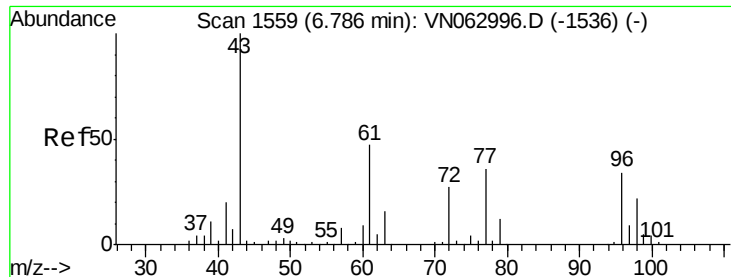
Tot Ion: 43 Resp: 96747
Ion Ratio Lower Upper
43 100
74 22.7 18.6 28.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion: 84 Resp: 1462
Ion Ratio Lower Upper
84 100
49 110.8 98.7 148.1
51 33.3 30.8 46.2
86 71.3 51.2 76.8

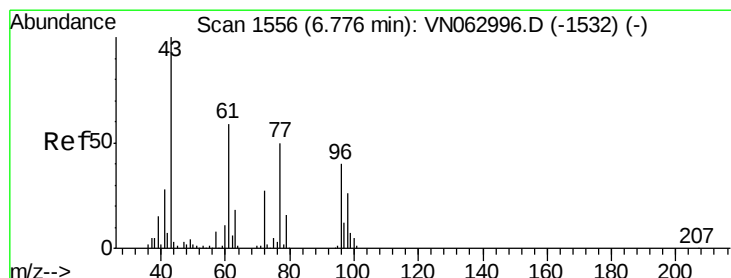
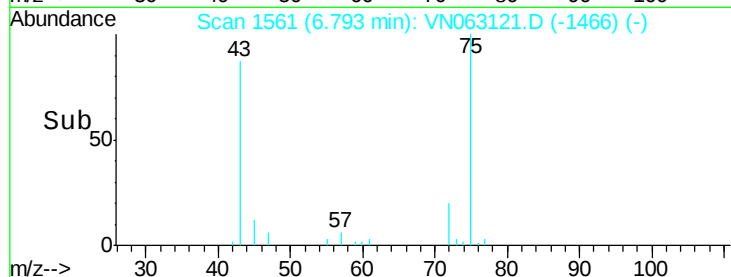
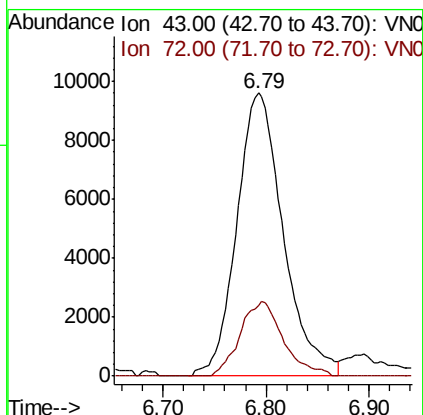
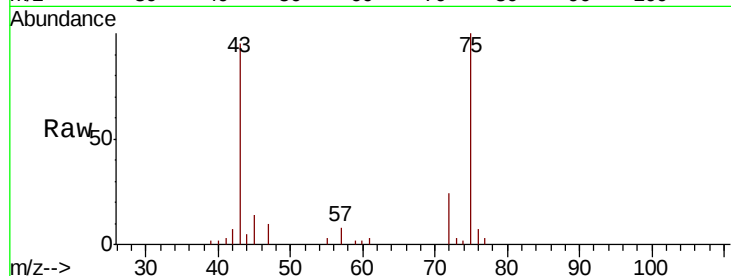




#25
2-Butanone
Concen: 24.916 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

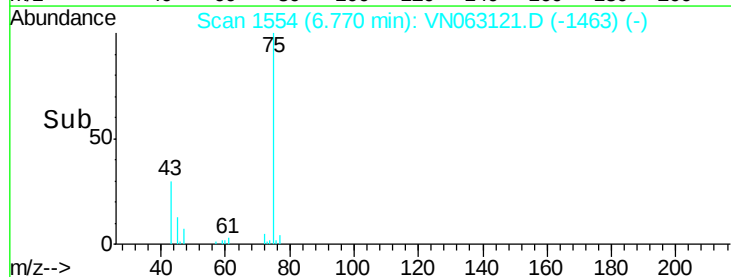
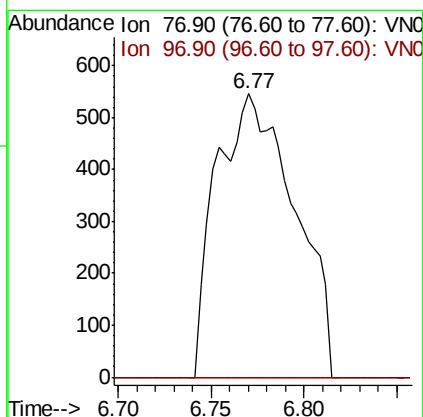
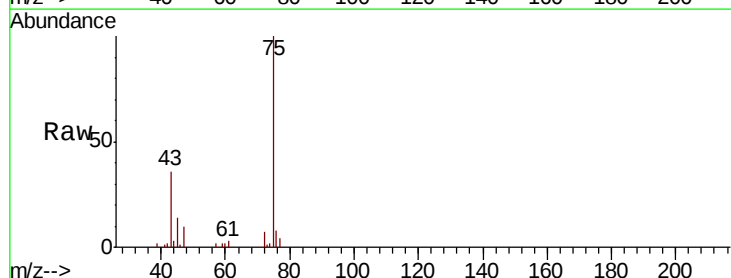
Instrument :
MSVOA_N
ClientSampled :
COMP-2

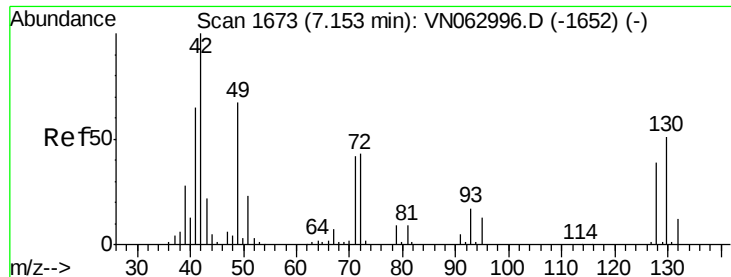
Tot Ion: 43 Resp: 30172
Ion Ratio Lower Upper
43 100
72 25.3 21.8 32.6



#26
2,2-Dichloropropane
Concen: 0.558 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion: 77 Resp: 1602
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#28

Bromochloromethane

Concen: 11.734 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.18 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

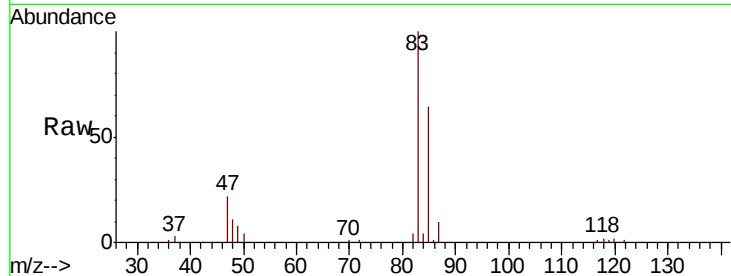
Tot Ion: 49 Resp: 22425

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

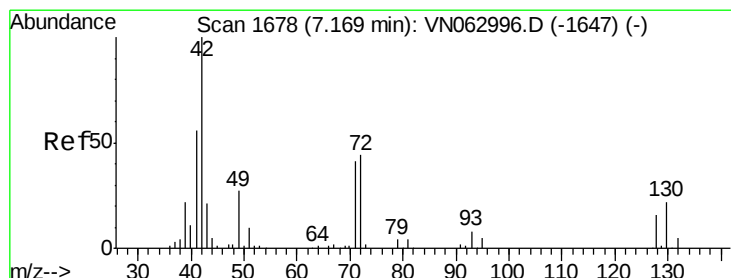
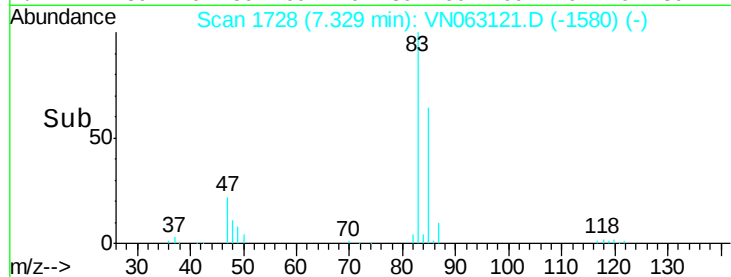
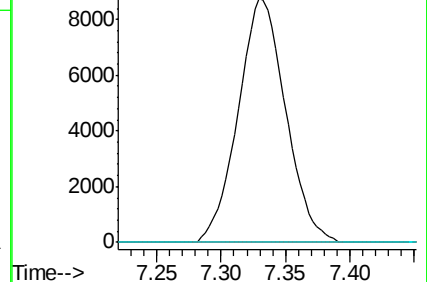
130 0.0 61.1 91.7#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0



#29

Tetrahydrofuran

Concen: 4.410 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

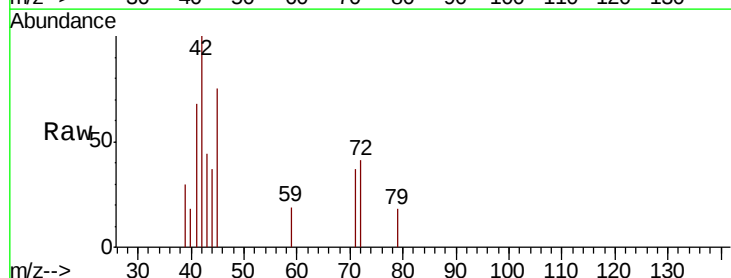
Tgt Ion: 42 Resp: 3447

Ion Ratio Lower Upper

42 100

72 36.5 34.6 52.0

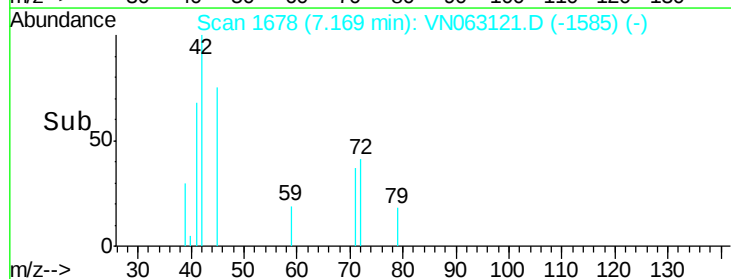
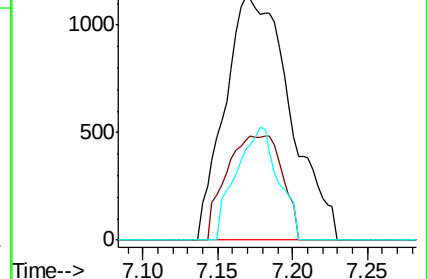
71 29.9 32.3 48.5#

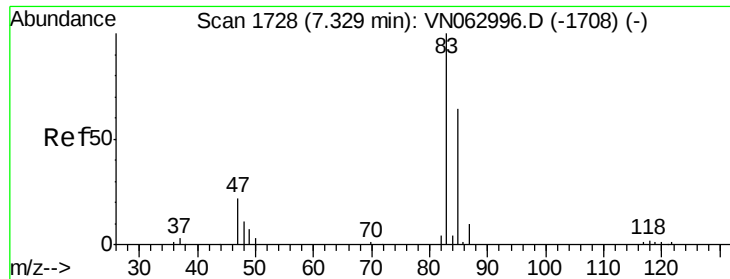


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

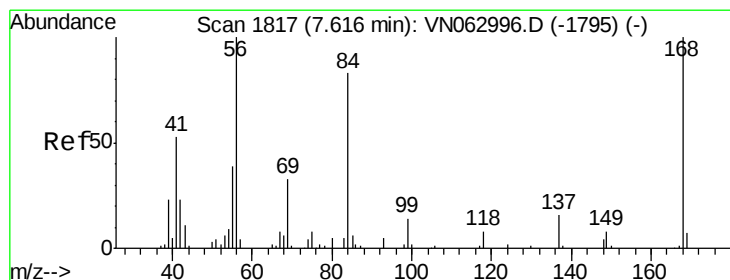
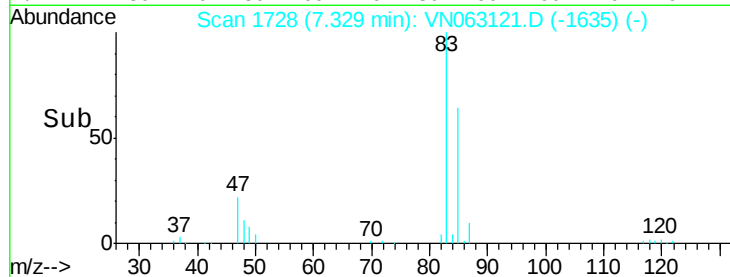
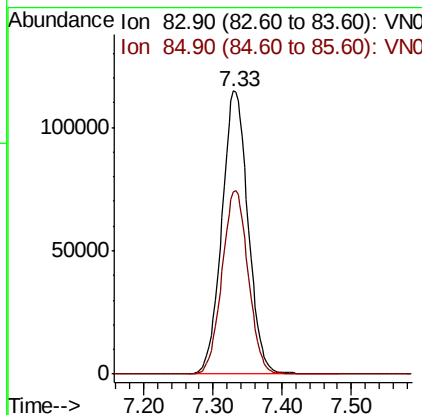
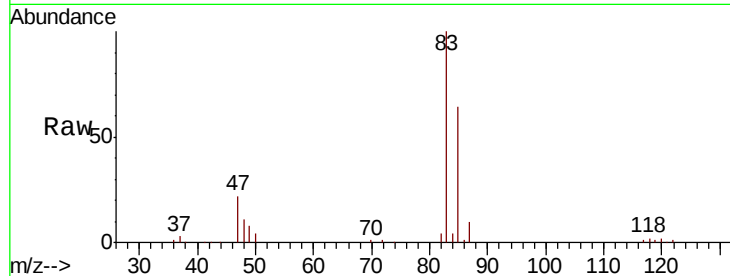




#30
Chloroform
Concen: 82.153 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

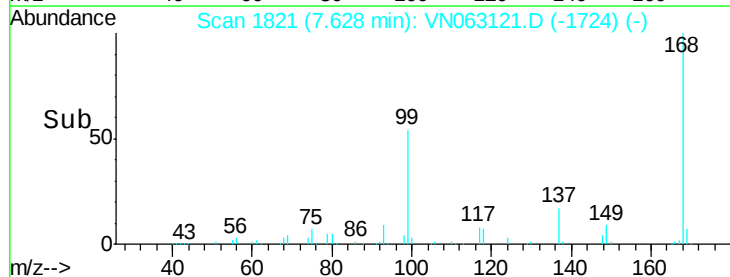
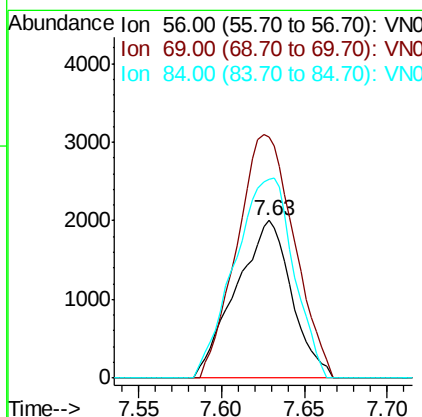
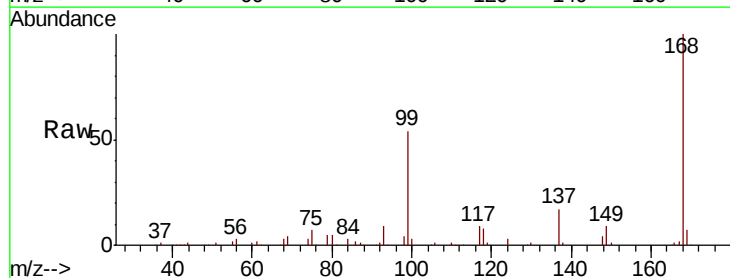
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

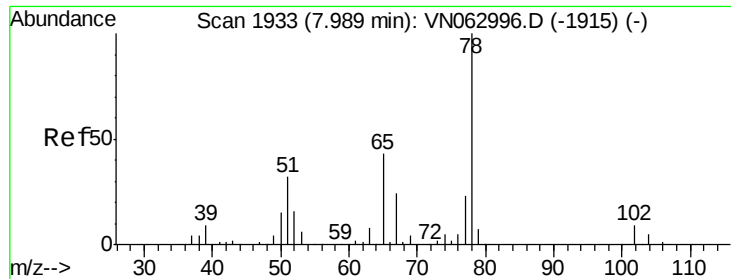
Tot Ion: 83 Resp: 302204
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3



#31
Cyclohexane
Concen: 1.395 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.01 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion: 56 Resp: 4690
Ion Ratio Lower Upper
56 100
69 153.0 26.6 40.0#
84 126.4 66.4 99.6#

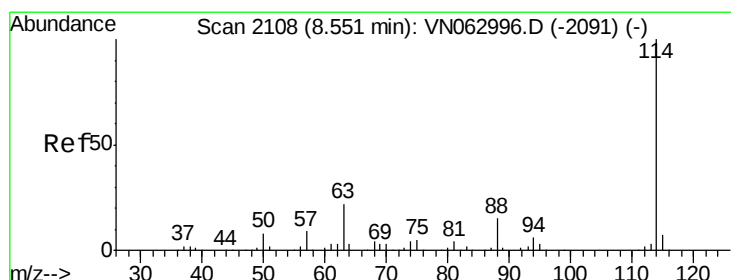
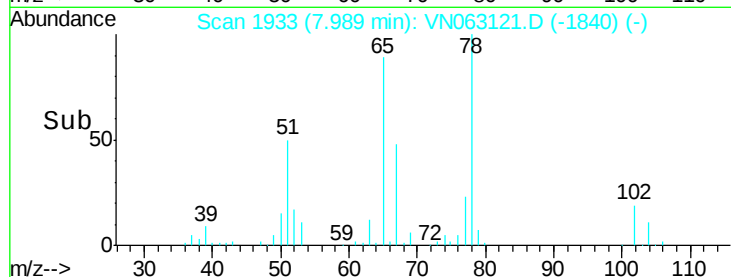
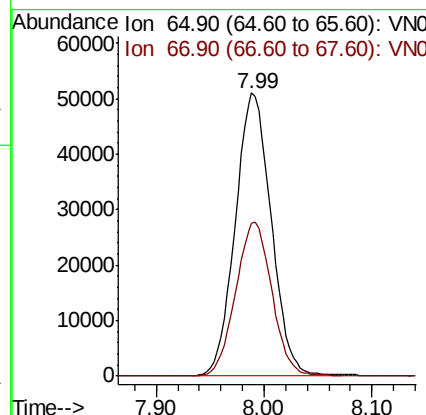
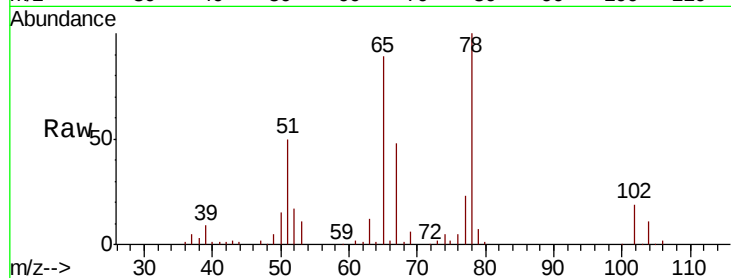




#33
 1,2-Dichloroethane-d4
 Concen: 51.957 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063121.D
 Acq: 25 Aug 2020 19:04

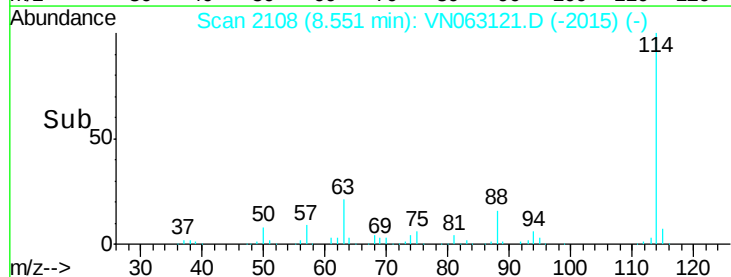
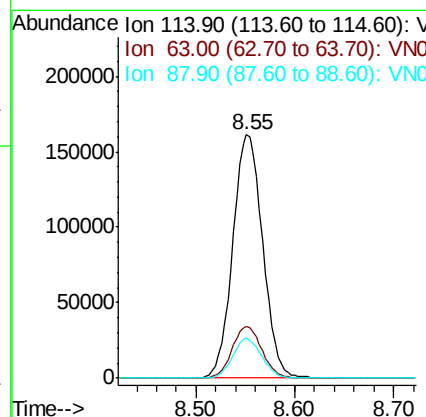
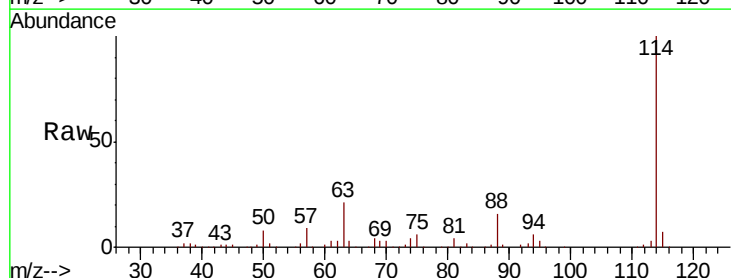
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

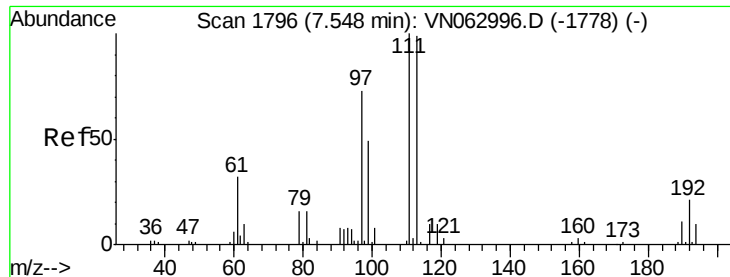
Tot Ion: 65 Resp: 118511
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063121.D
 Acq: 25 Aug 2020 19:04

Tgt Ion: 114 Resp: 339381
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.3 0.0 30.6

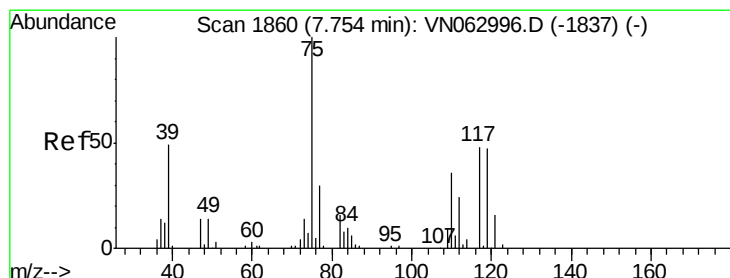
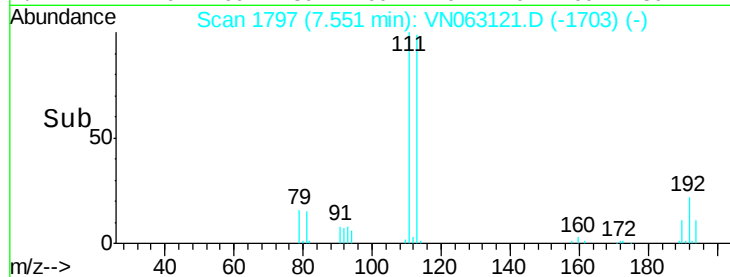
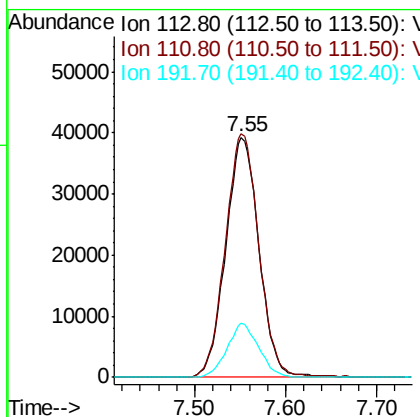
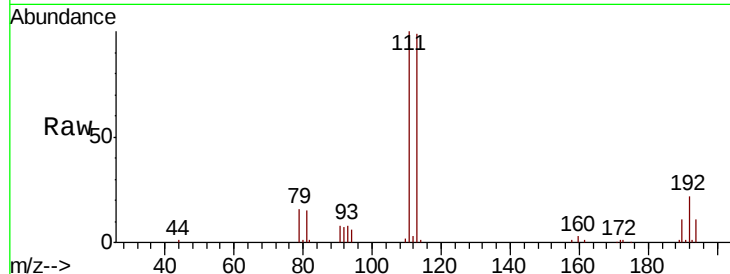




#35
 Dibromofluoromethane
 Concen: 44.940 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063121.D
 Acq: 25 Aug 2020 19:04

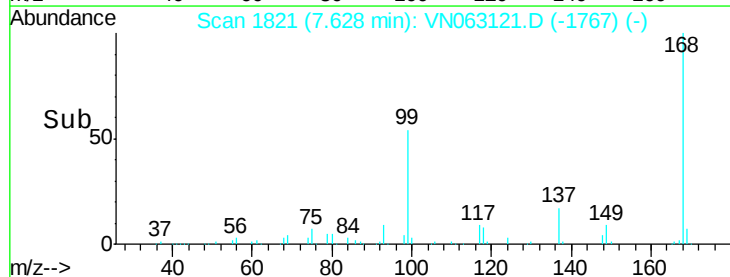
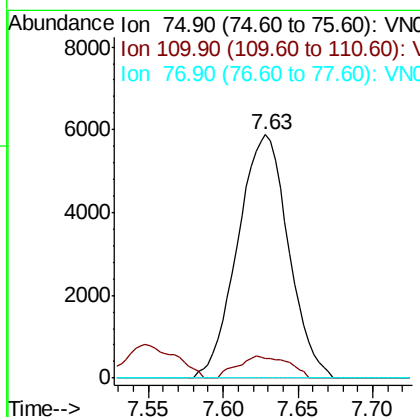
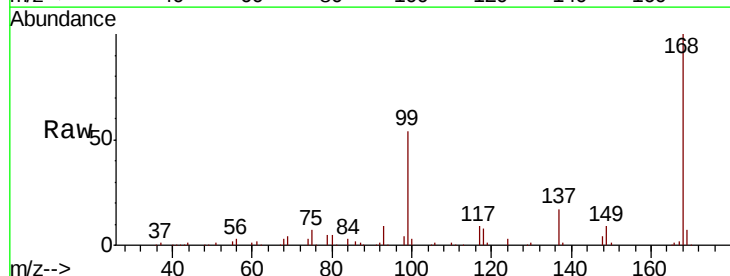
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-2

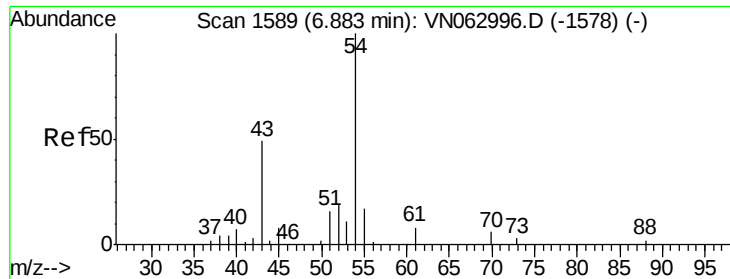
Tot Ion:113 Resp: 99381
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 21.4 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 4.639 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.13 min
 Lab File: VN063121.D
 Acq: 25 Aug 2020 19:04

Tgt Ion: 75 Resp: 13875
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.5 52.6#
 77 0.0 24.2 36.4#

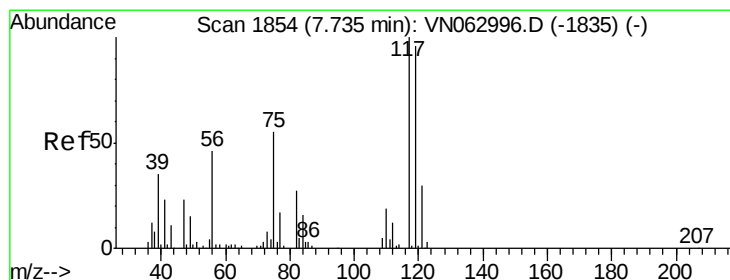
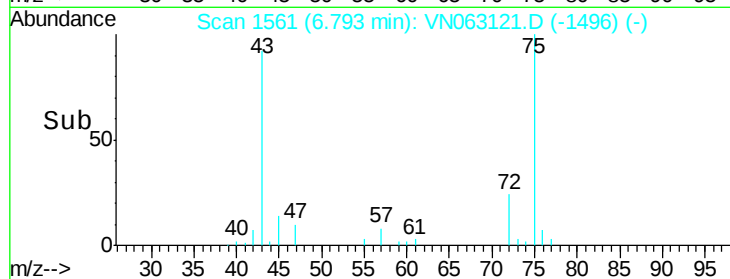
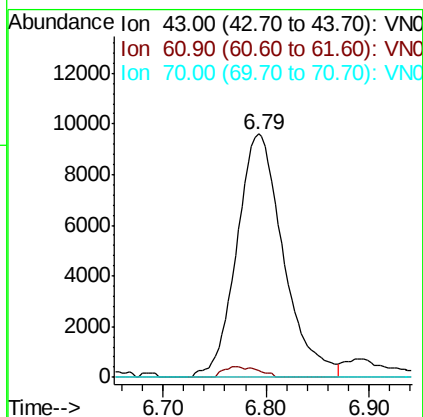
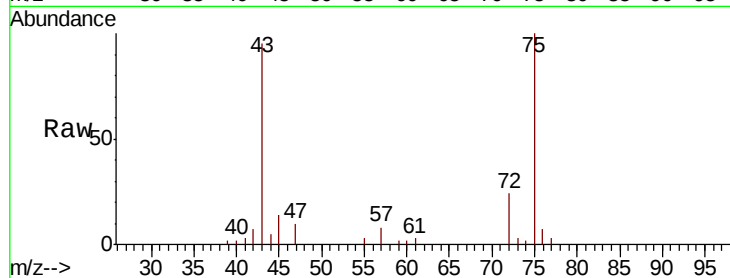




#37
Ethyl Acetate
Concen: 10.766 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.09 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

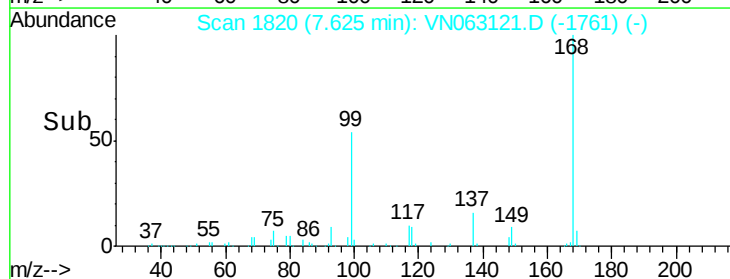
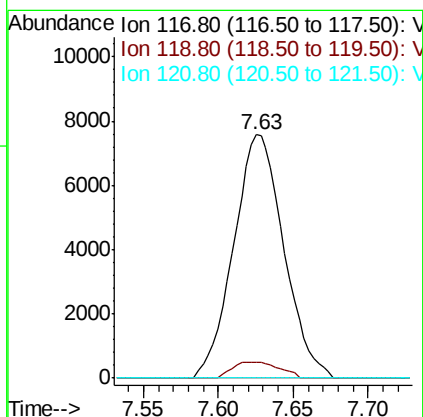
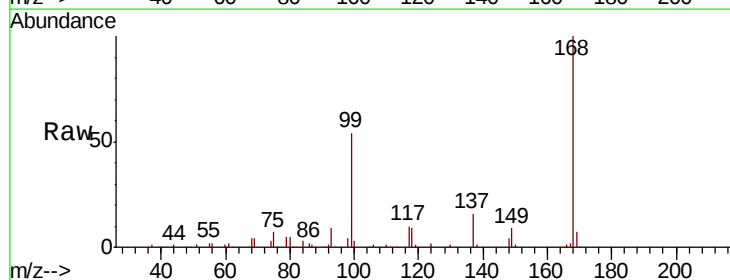
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

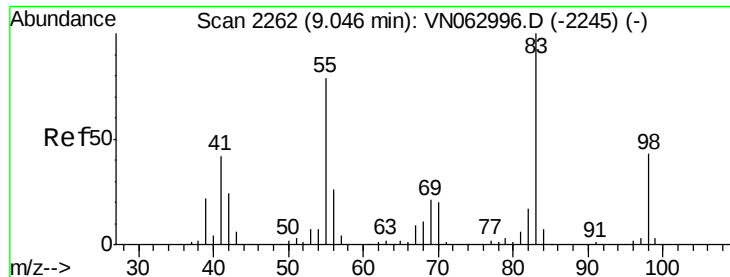
Tot Ion: 43 Resp: 30172
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 0.0 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 5.839 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion: 117 Resp: 17632
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.4#
121 0.0 24.2 36.2#

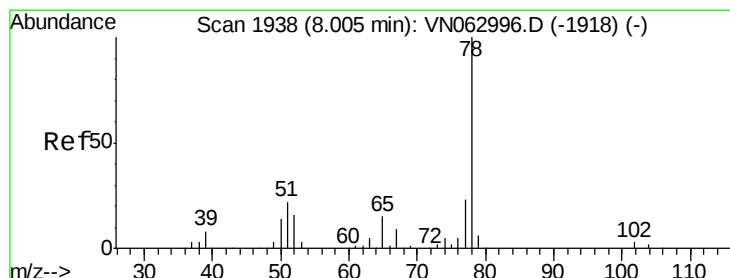
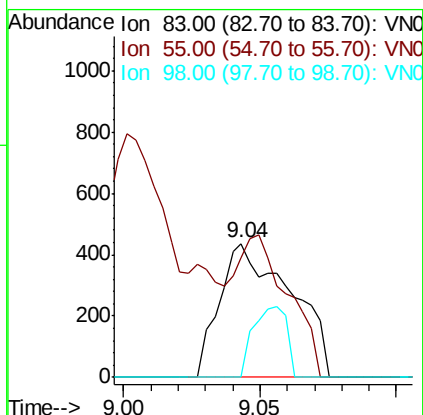
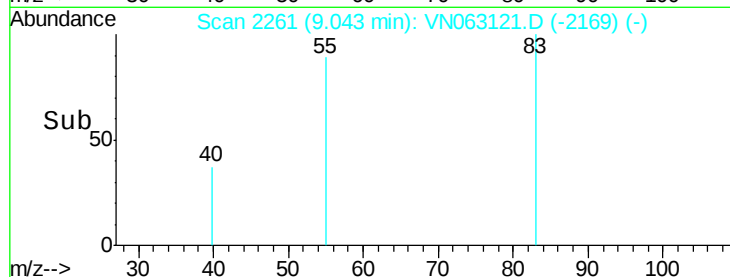
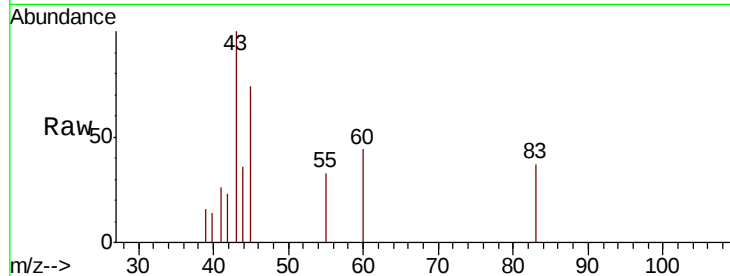




#39
Methvlcvclohexane
Concen: 1.752 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

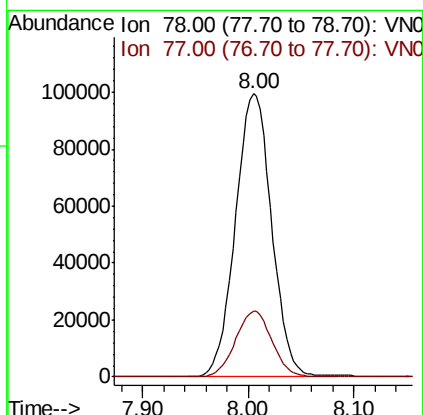
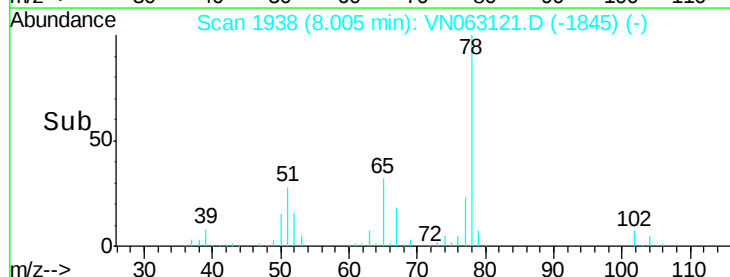
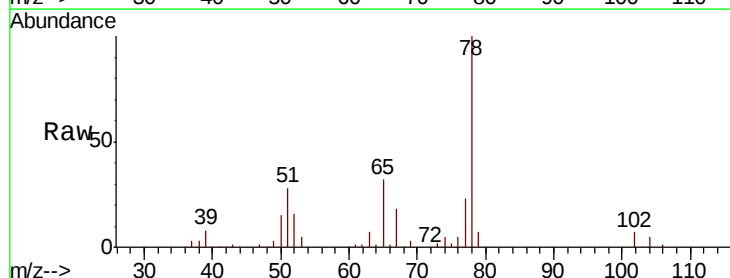
Instrument :
MSVOA_N
ClientSampled :
COMP-2

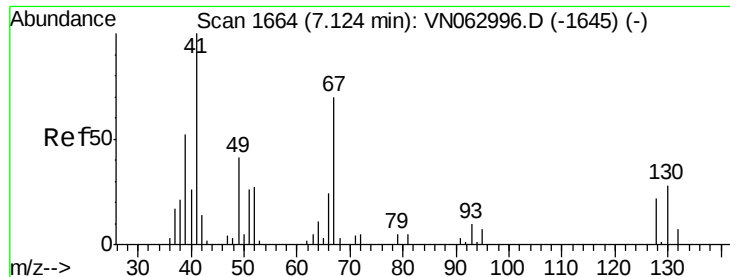
Tot Ion: 83 Resp: 790
Ion Ratio Lower Upper
83 100
55 88.8 63.3 94.9
98 0.0 34.2 51.4#



#40
Benzene
Concen: 24.966 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion: 78 Resp: 236822
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

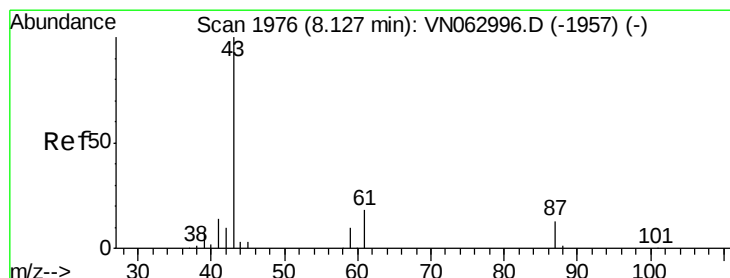
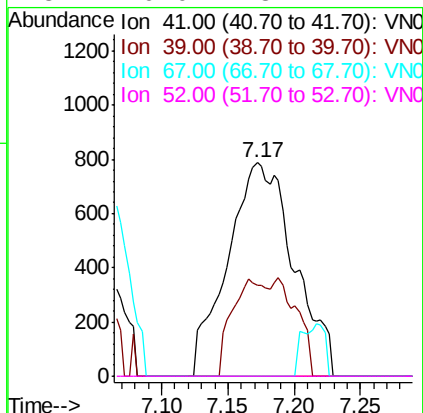
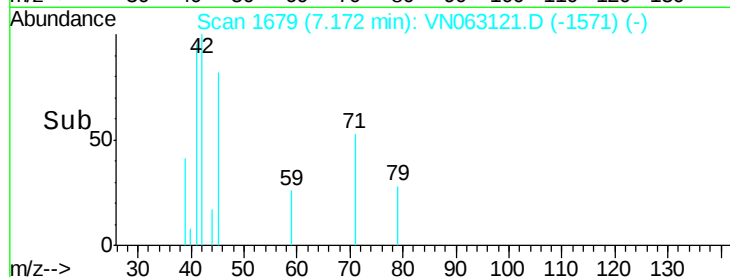
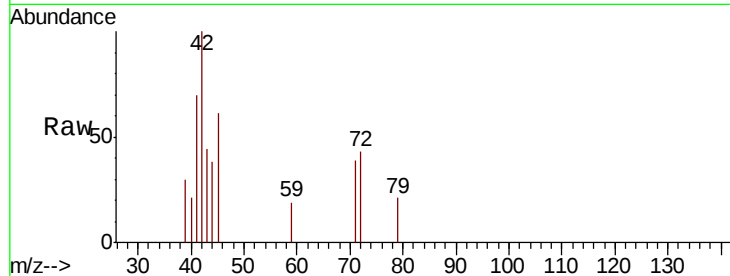




#41
Methacrylonitrile
Concen: 2.060 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.05 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

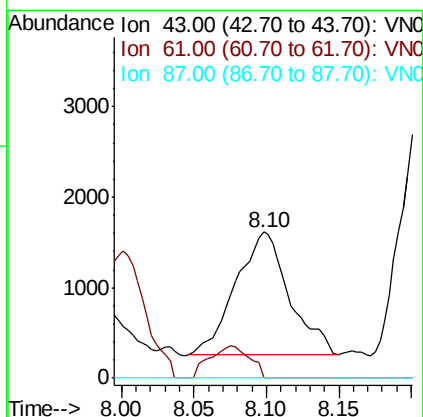
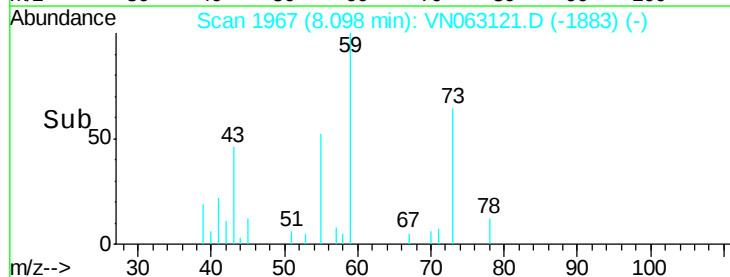
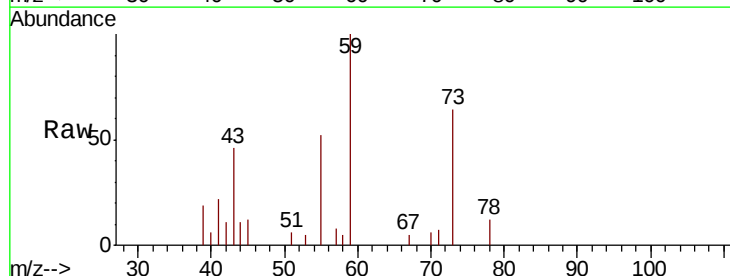
Instrument :
MSVOA_N
ClientSampled :
COMP-2

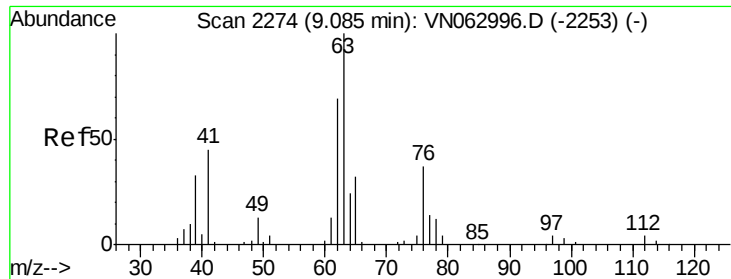
Tot Ion: 41 Resp: 2750
Ion Ratio Lower Upper
41 100
39 24.7 41.6 62.4#
67 0.0 71.8 107.8#
52 0.0 28.2 42.4#



#43
Isopropyl Acetate
Concen: 0.757 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.03 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion: 43 Resp: 3513
Ion Ratio Lower Upper
43 100
61 0.0 22.6 33.8#
87 0.0 10.5 15.7#

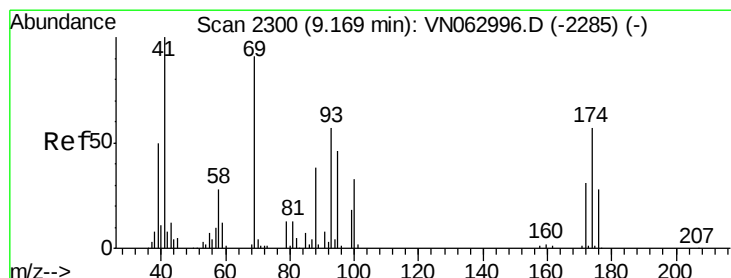
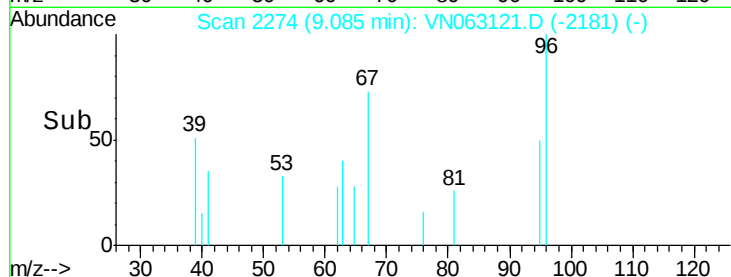
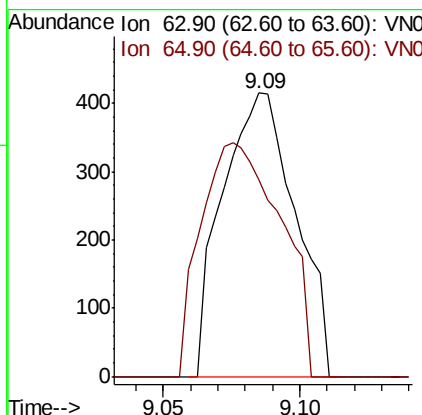
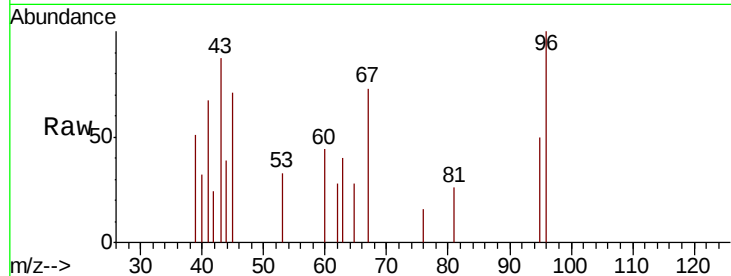




#45
 1,2-Dichloropropane
 Concen: 0.280 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063121.D
 Acq: 25 Aug 2020 19:04

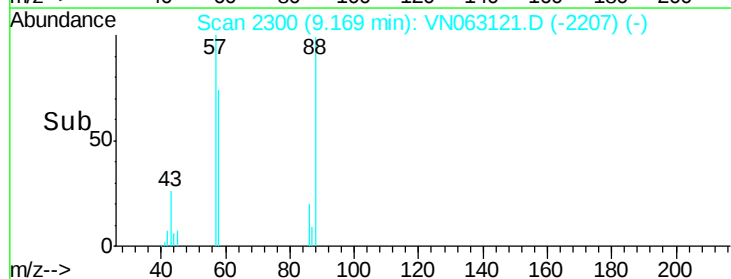
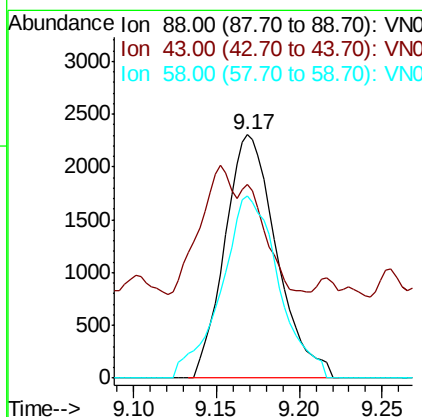
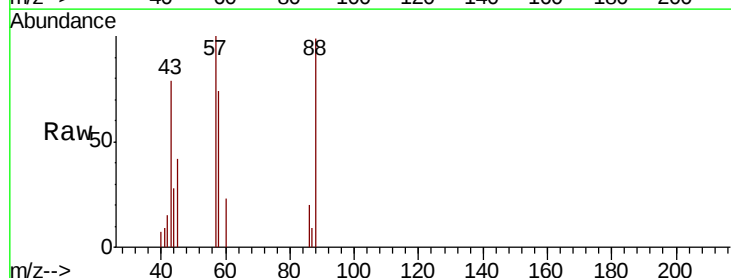
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-2

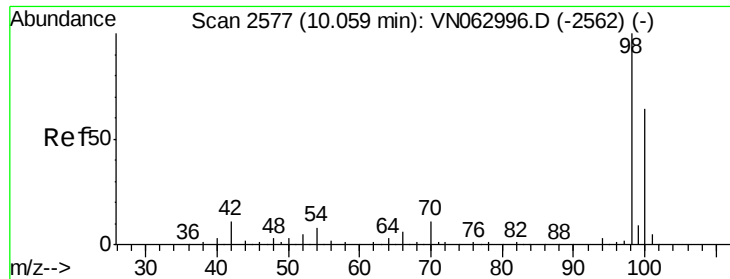
Tot Ion: 63 Resp: 769
 Ion Ratio Lower Upper
 63 100
 65 69.4 25.6 38.4#



#49
 1,4-Dioxane
 Concen: 117.126 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063121.D
 Acq: 25 Aug 2020 19:04

Tgt Ion: 88 Resp: 4999
 Ion Ratio Lower Upper
 88 100
 43 35.2 25.2 37.8
 58 83.0 56.7 85.1





#50

Toluene-d8

Concen: 49.638 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

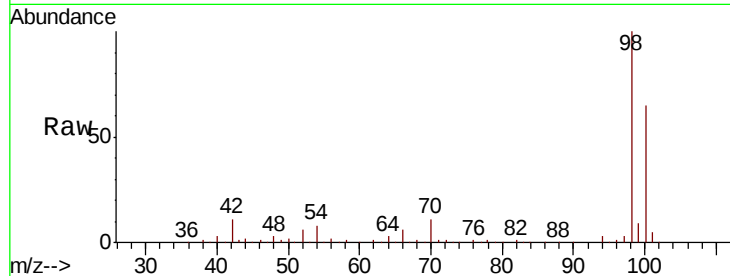
COMP-2

Tot Ion: 98 Resp: 421631

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

250000

200000

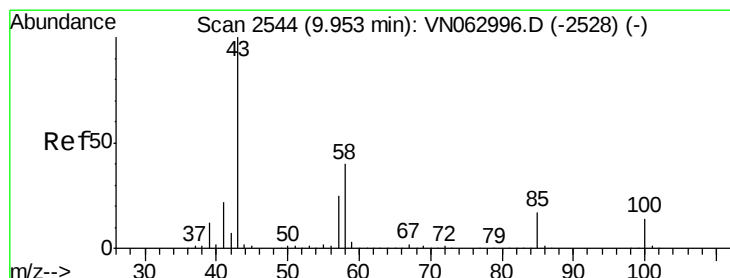
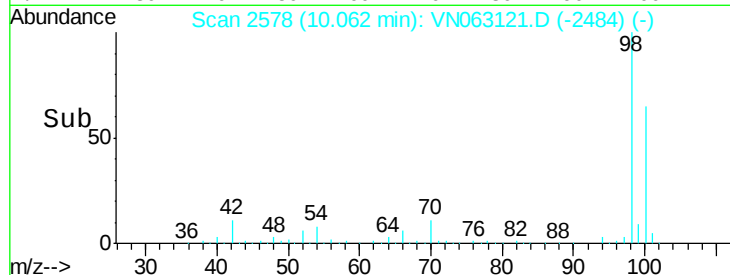
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 12.121 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN063121.D

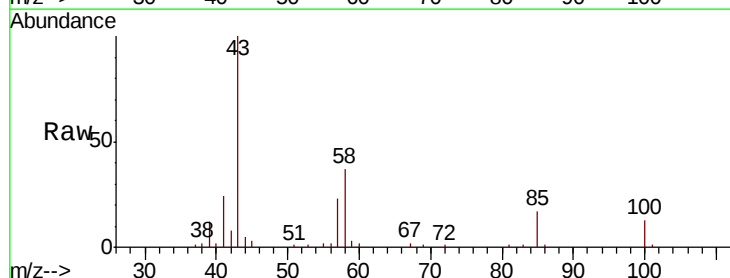
Acq: 25 Aug 2020 19:04

Tgt Ion: 43 Resp: 35572

Ion Ratio Lower Upper

43 100

58 38.8 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

9.95

20000

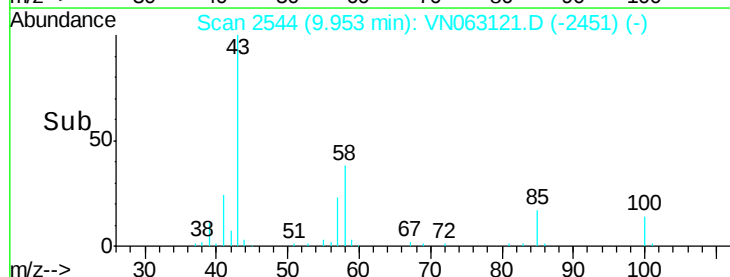
15000

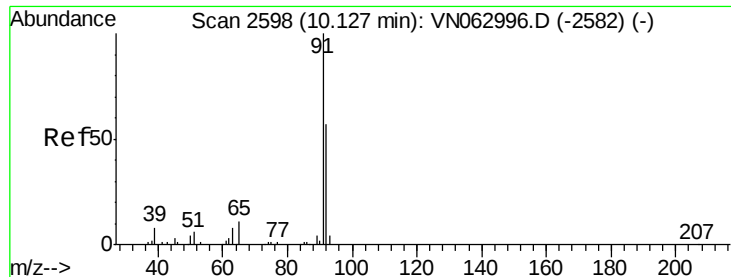
10000

5000

0

Time-->





#52

Toluene

Concen: 19.038 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

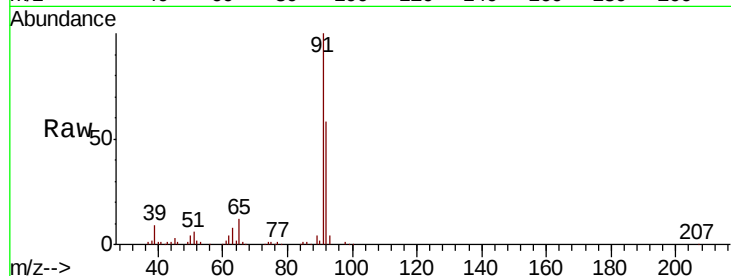
COMP-2

Tot Ion: 92 Resp: 108937

Ion Ratio Lower Upper

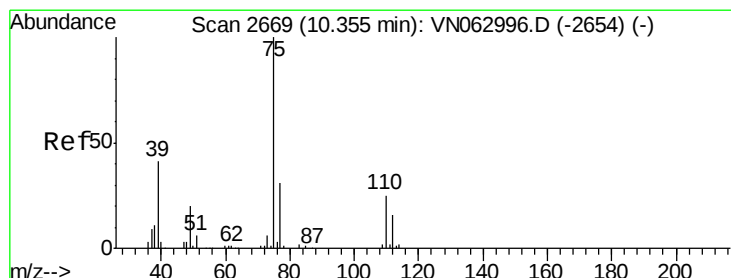
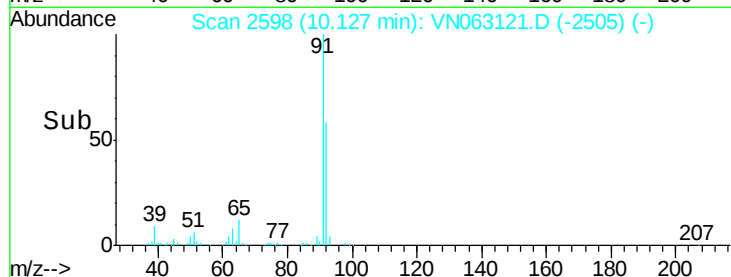
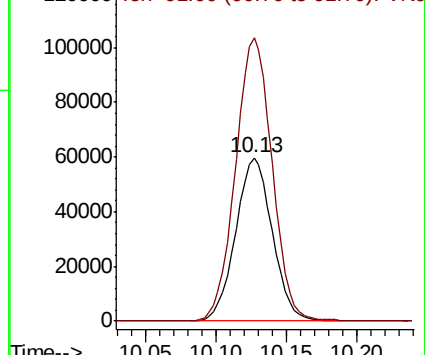
92 100

91 172.9 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN063121.D (-2505) (-)

Ion 91.00 (90.70 to 91.70): VN063121.D (-2505) (-)



#53

t-1,3-Dichloropropene

Concen: 0.313 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.23 min

Lab File: VN063121.D

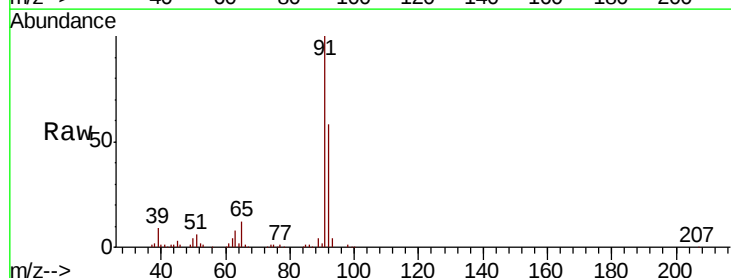
Acq: 25 Aug 2020 19:04

Tgt Ion: 75 Resp: 1122

Ion Ratio Lower Upper

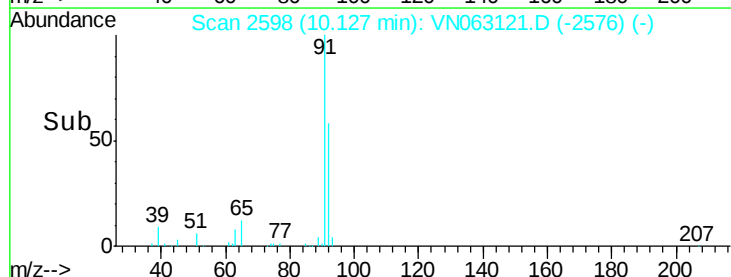
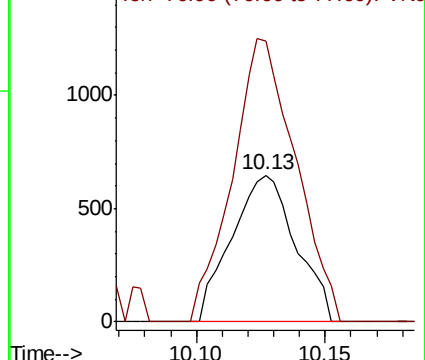
75 100

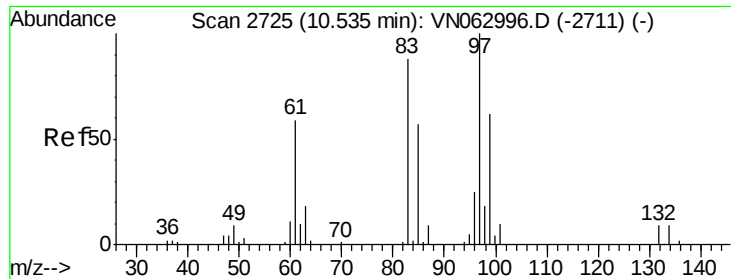
77 191.4 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VN063121.D (-2576) (-)

Ion 76.90 (76.60 to 77.60): VN063121.D (-2576) (-)





#55

1,1,2-Trichloroethane

Concen: 0.644 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. -0.15 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

COMP-2

Tot Ion: 97 Resp: 1575

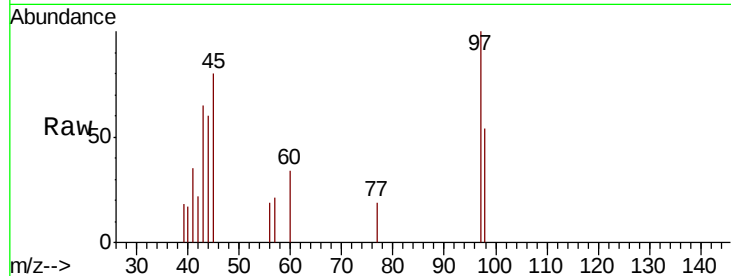
Ion Ratio Lower Upper

97 100

83 0.0 70.5 105.7#

85 0.0 45.8 68.6#

99 0.0 49.7 74.5#

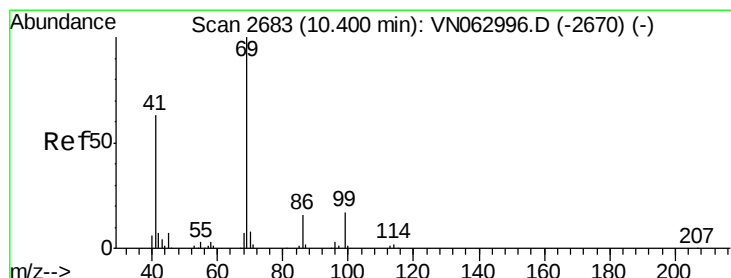
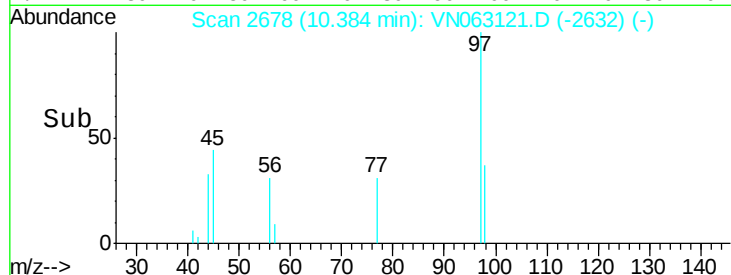
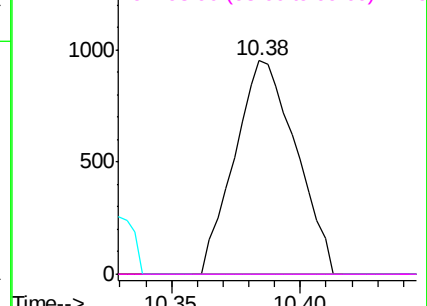


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 2.941 ug/l

RT: 10.33 min Scan# 2661

Delta R.T. -0.07 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

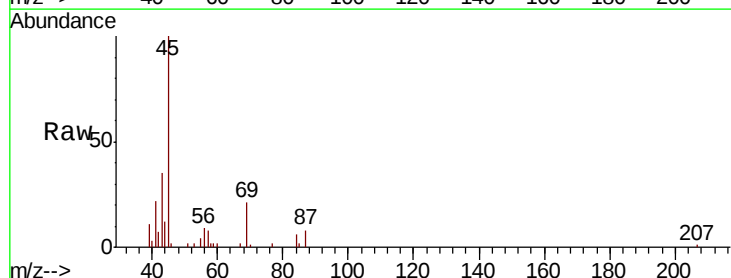
Tgt Ion: 69 Resp: 4698

Ion Ratio Lower Upper

69 100

41 107.0 50.2 75.2#

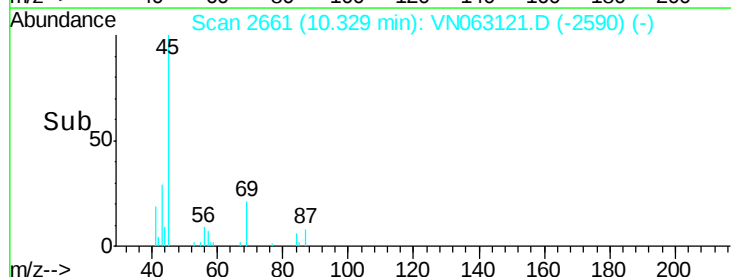
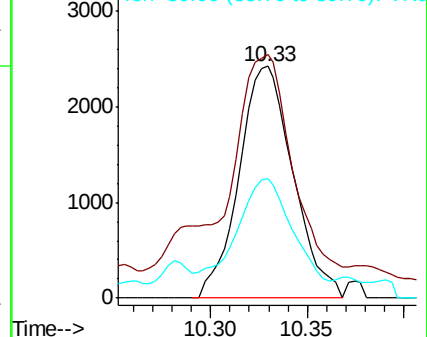
39 42.0 24.2 36.4#

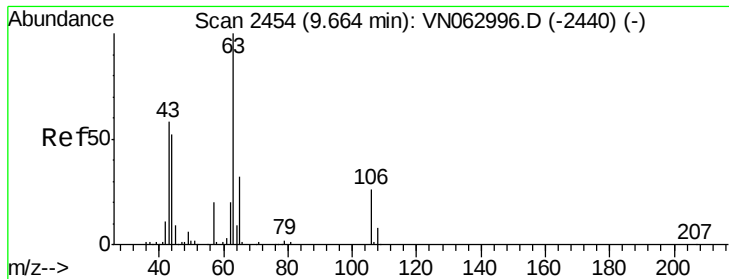


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 13.165 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.02 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

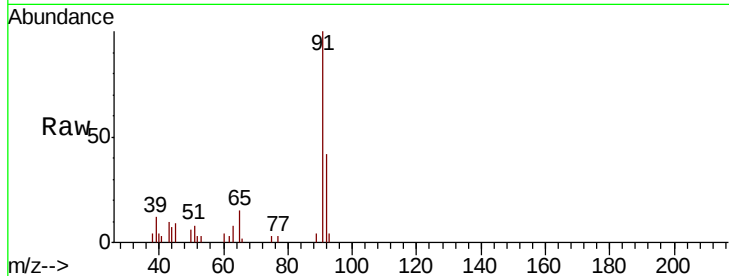
COMP-2

Tot Ion: 63 Resp: 932

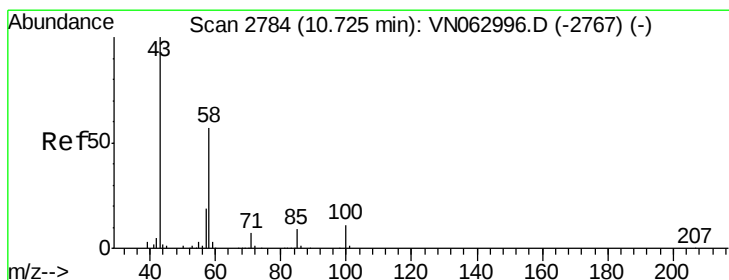
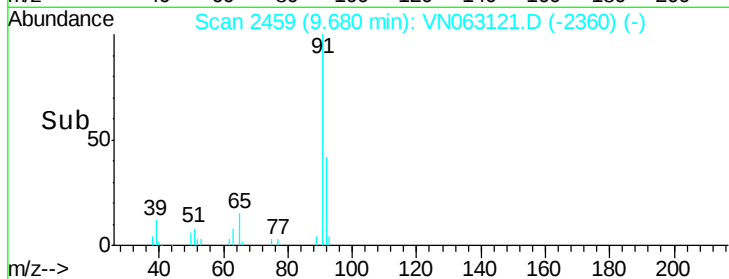
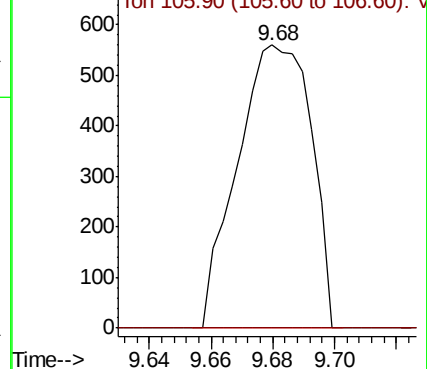
Ion Ratio Lower Upper

63 100

106 0.0 20.7 31.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0



#59

2-Hexanone

Concen: 0.994 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. 0.00 min

Lab File: VN063121.D

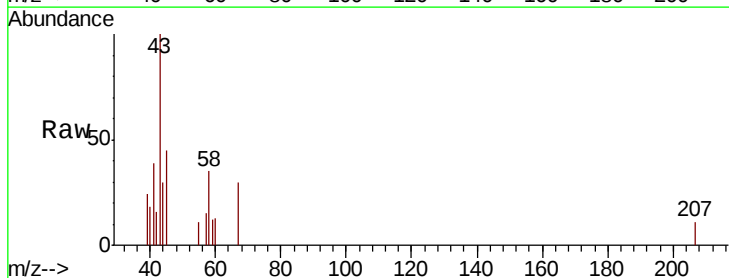
Acq: 25 Aug 2020 19:04

Tgt Ion: 43 Resp: 2034

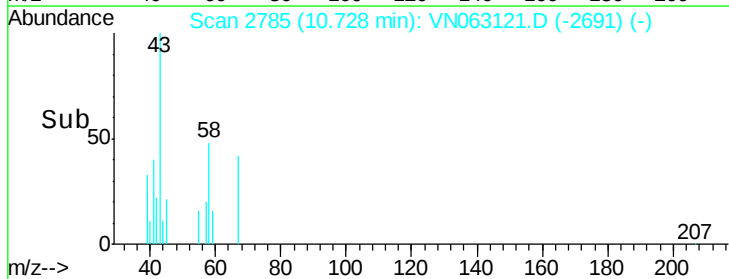
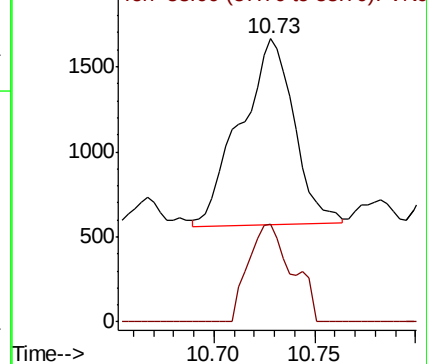
Ion Ratio Lower Upper

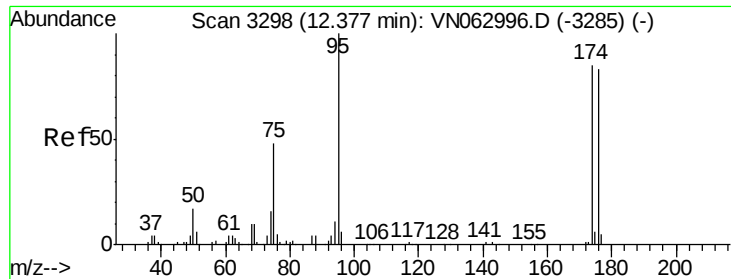
43 100

58 42.7 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

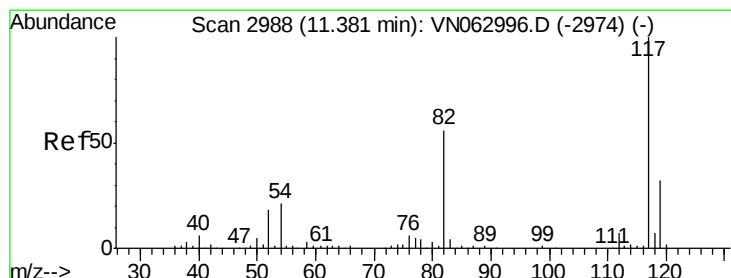
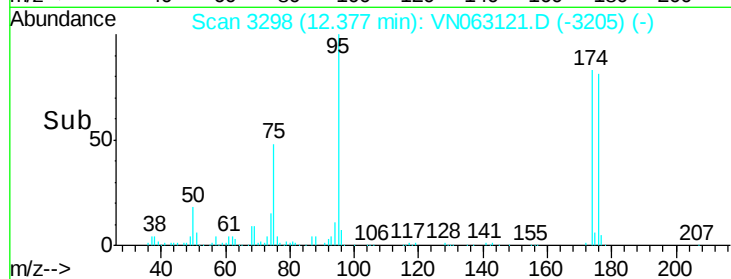
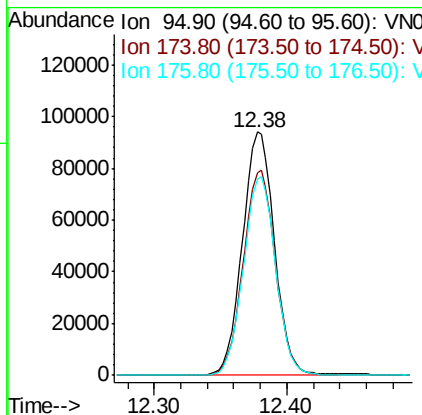
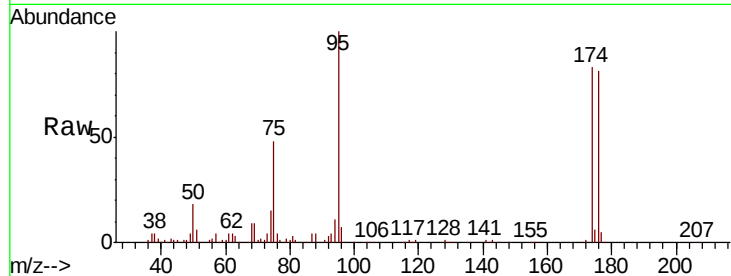




#62
4-Bromofluorobenzene
Concen: 52.728 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

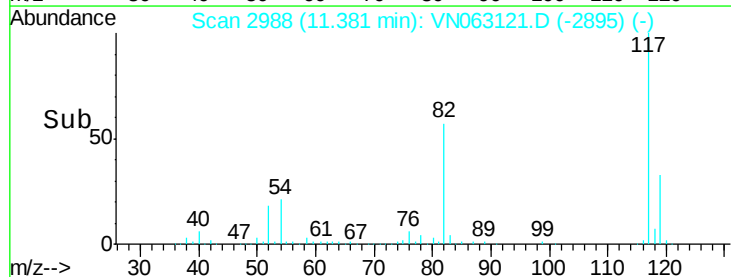
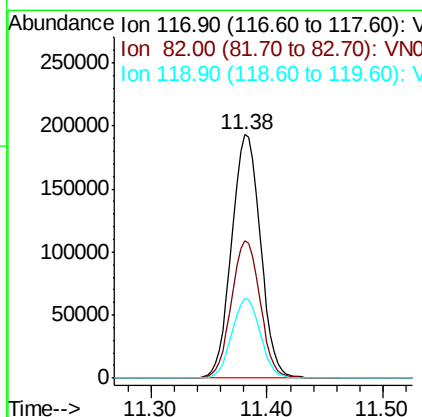
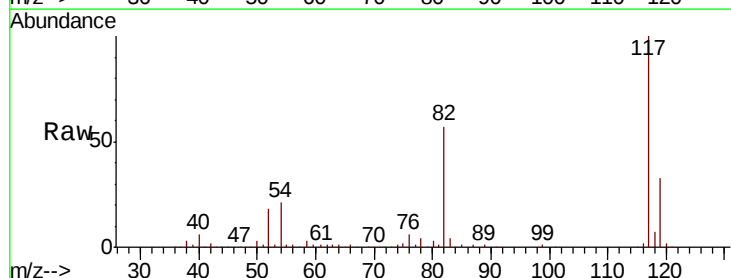
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

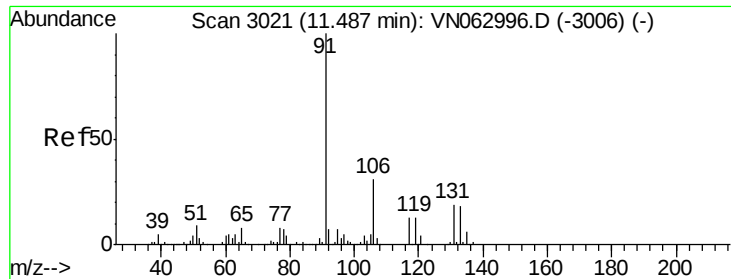
Tot Ion: 95 Resp: 158049
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.8
176 81.7 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion: 117 Resp: 332772
Ion Ratio Lower Upper
117 100
82 56.7 44.5 66.7
119 32.6 25.5 38.3

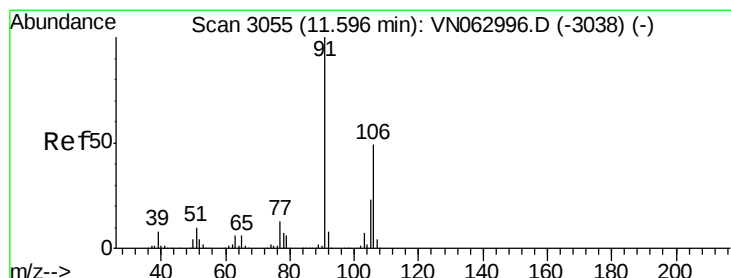
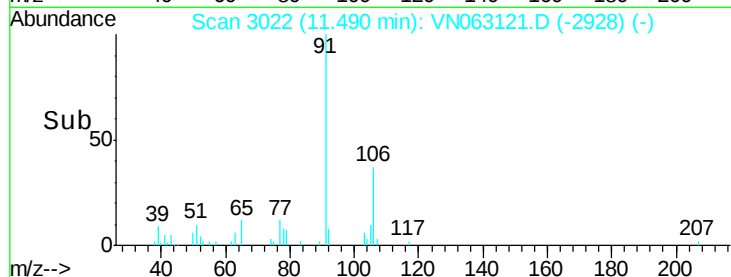
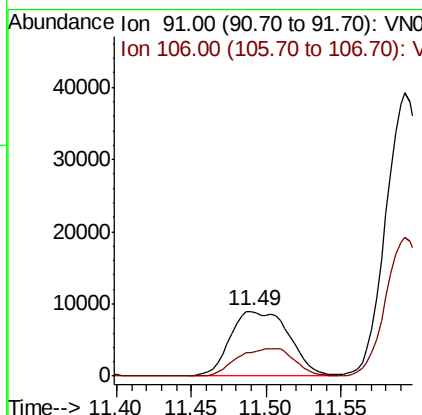
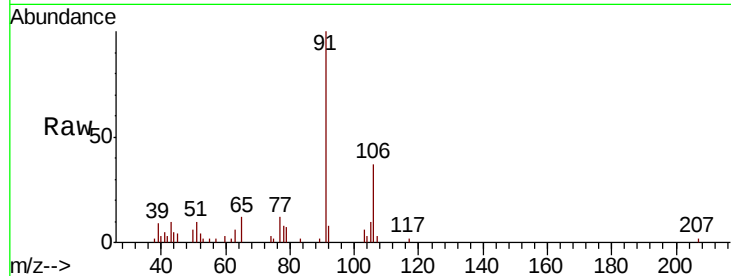




#67
Ethyl Benzene
Concen: 2.194 ug/l
RT: 11.49 min Scan# 3022
Delta R.T. 0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

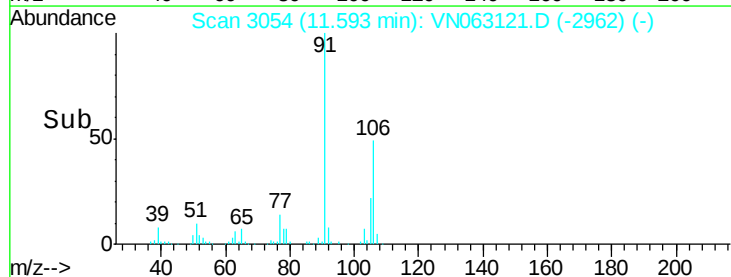
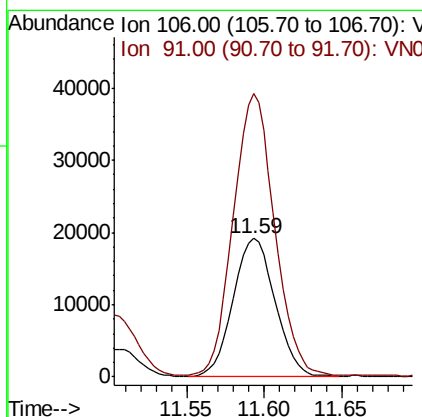
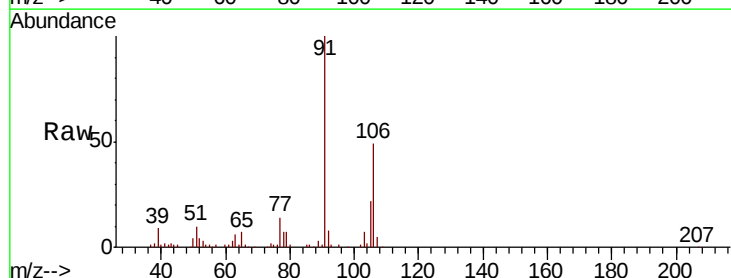
Instrument :
MSVOA_N
ClientSampled :
COMP-2

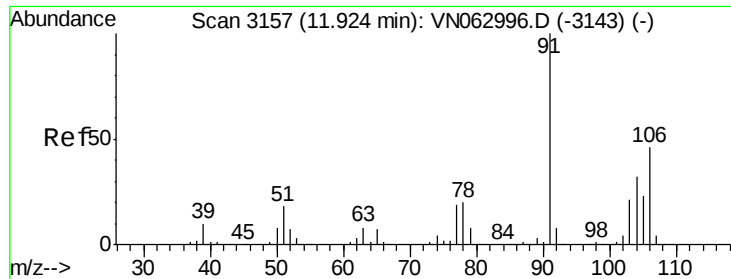
Tot Ion: 91 Resp: 24775
Ion Ratio Lower Upper
91 100
106 37.3 24.6 37.0#



#68
m/p-Xylenes
Concen: 8.616 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion: 106 Resp: 36164
Ion Ratio Lower Upper
106 100
91 199.9 163.0 244.4

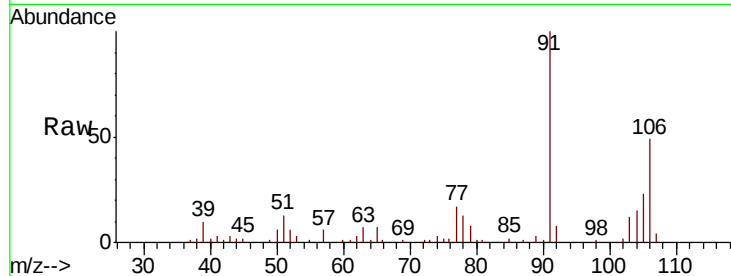




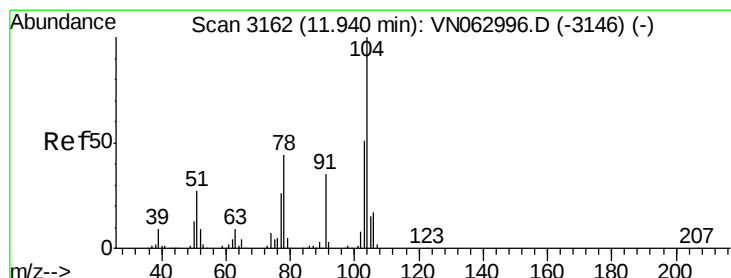
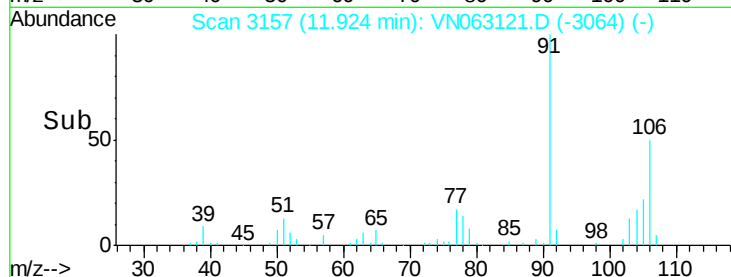
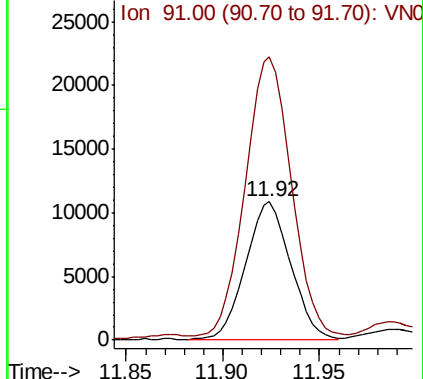
#69
o-Xylene
Concen: 4.412 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Instrument :
MSVOA_N
ClientSampled :
COMP-2

Tot Ion:106 Resp: 17781
Ion Ratio Lower Upper
106 100
91 203.9 107.3 321.9

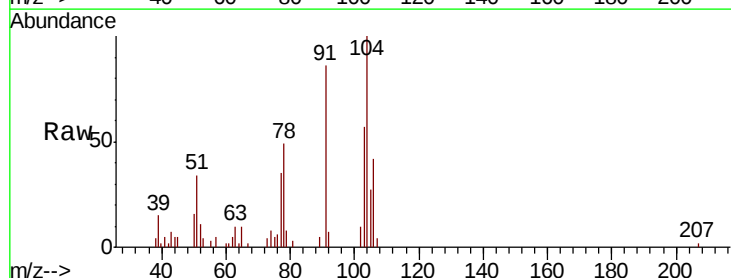


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

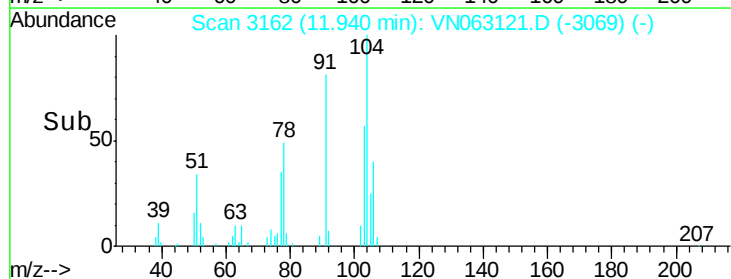
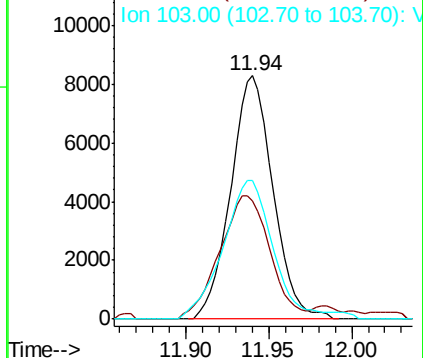


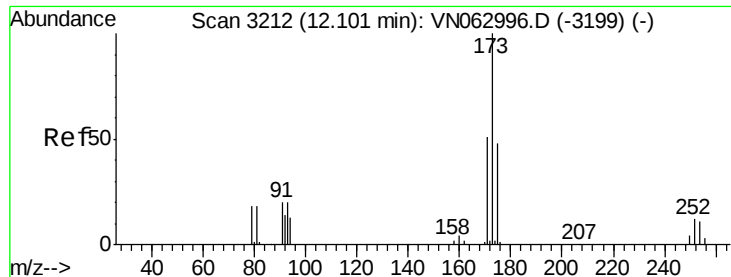
#70
Styrene
Concen: 3.694 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion:104 Resp: 14728
Ion Ratio Lower Upper
104 100
78 60.1 39.0 58.6#
103 68.2 44.3 66.5#



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

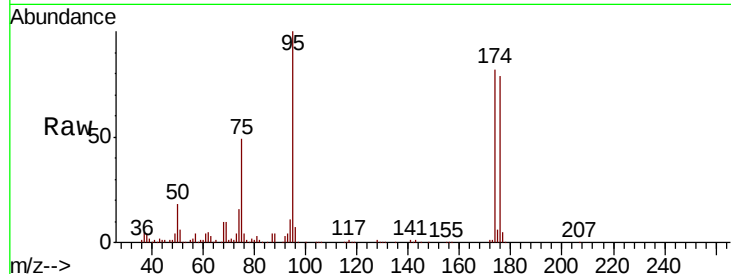




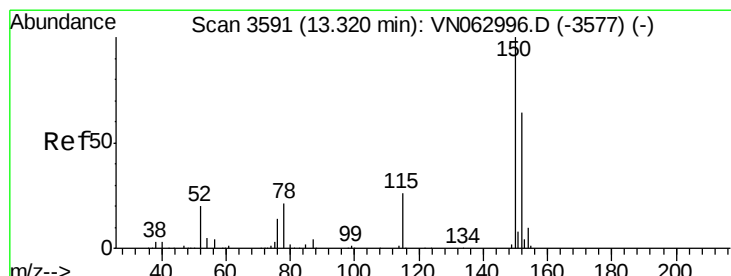
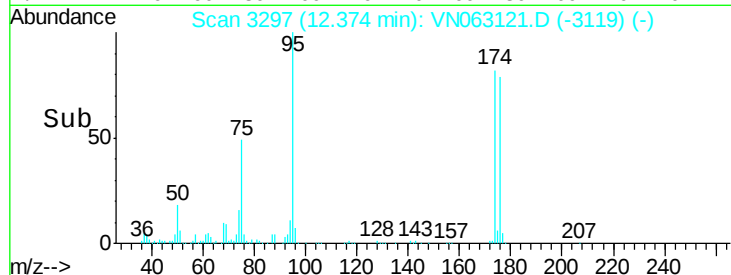
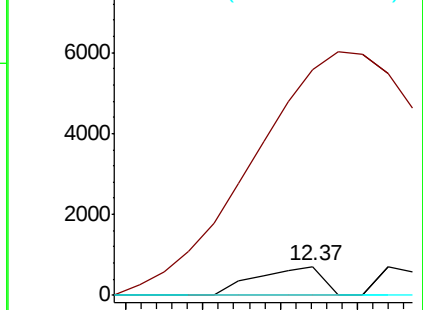
#71
Bromoform
Concen: 0.203 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Instrument :
MSVOA_N
ClientSampled :
COMP-2

Tot Ion:173 Resp: 420
Ion Ratio Lower Upper
173 100
175 1963.8 24.3 72.8#
254 0.0 0.0 0.0

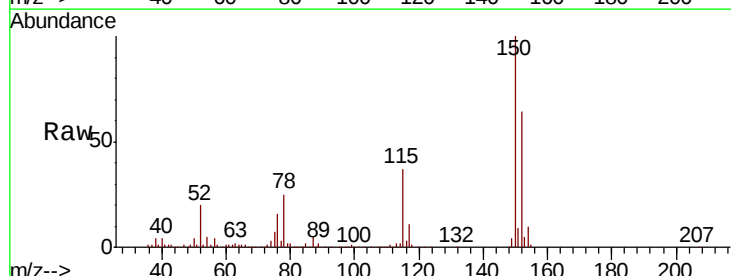


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

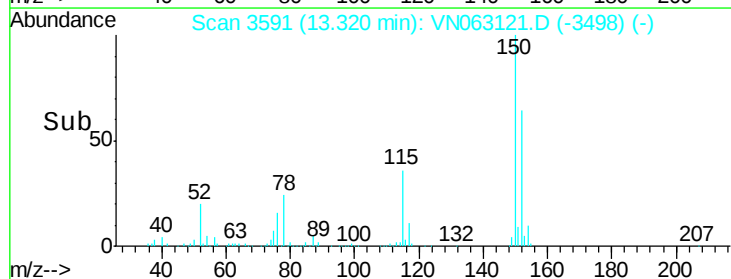
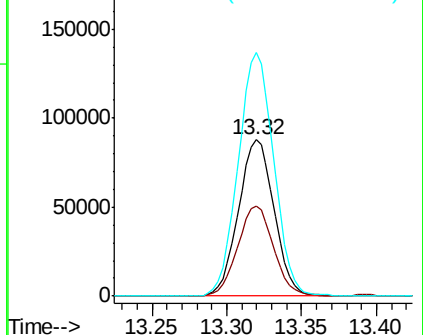


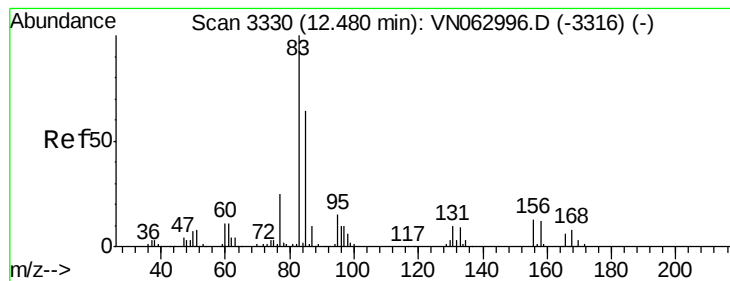
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion:152 Resp: 145485
Ion Ratio Lower Upper
152 100
115 57.2 28.7 86.3
150 156.2 0.0 348.8



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3333

Delta R.T. 0.01 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

COMP-2

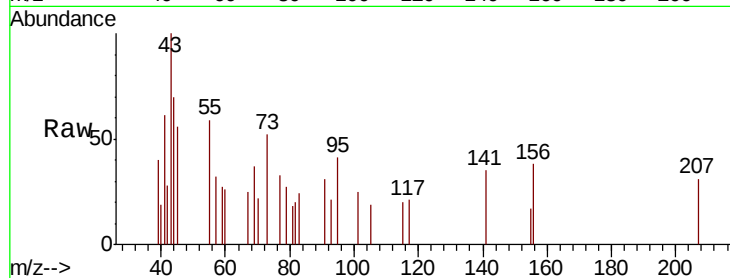
Tot Ion: 83 Resp: 314

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 31.9 95.5#



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

12.49

200

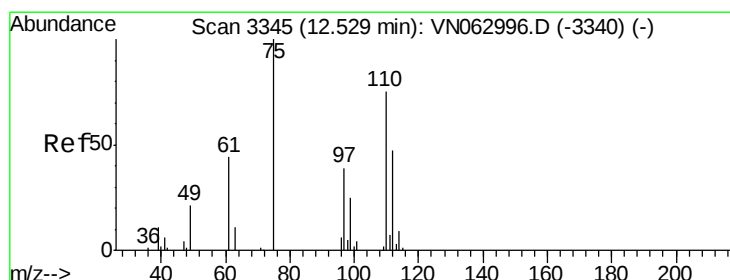
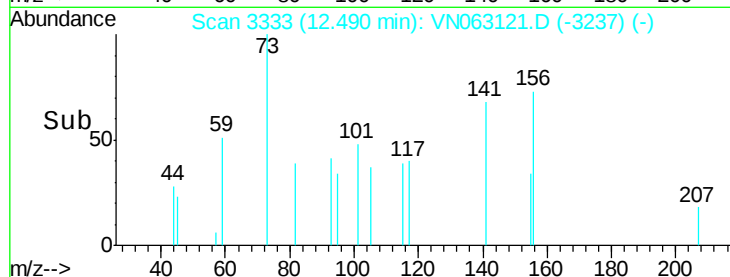
150

100

50

0

Time--> 12.46 12.48 12.50 12.52



#76

1,2,3-Trichloropropane

Concen: 27.235 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063121.D

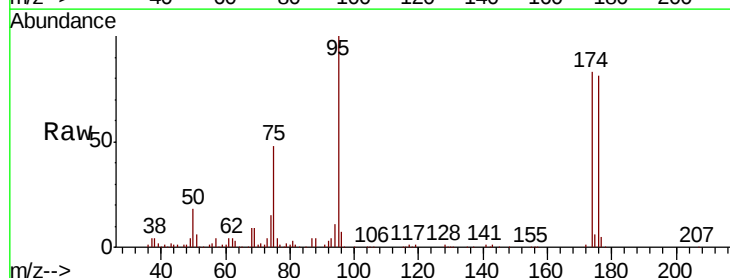
Acq: 25 Aug 2020 19:04

Tgt Ion: 75 Resp: 77019

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

50000

40000

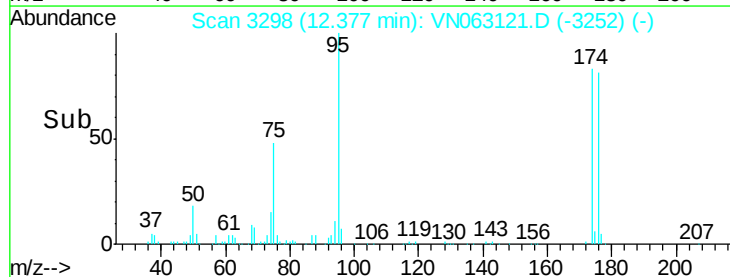
30000

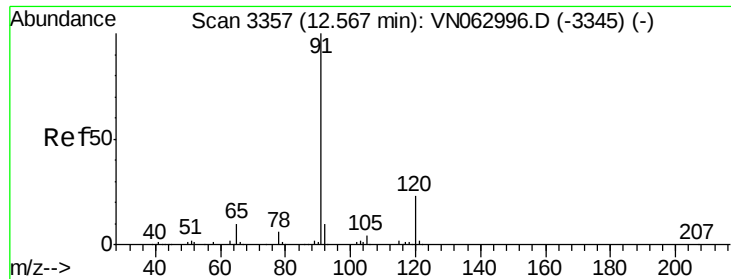
20000

10000

0

Time--> 12.30 12.35 12.40 12.45





#78

n-propylbenzene

Concen: 0.576 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

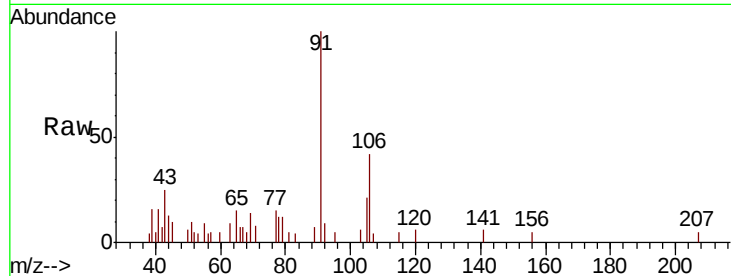
COMP-2

Tot Ion: 91 Resp: 6536

Ion Ratio Lower Upper

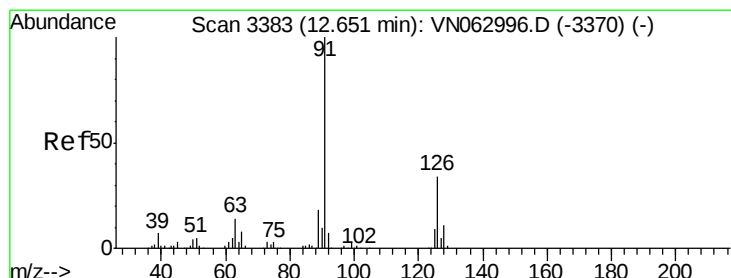
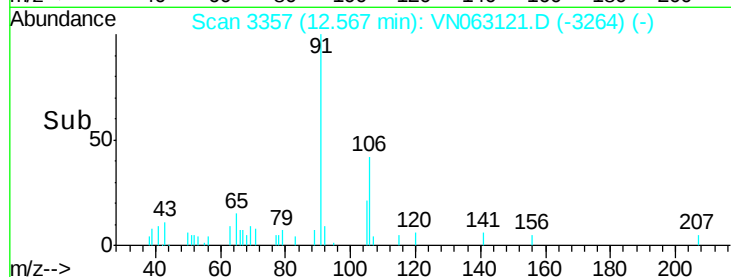
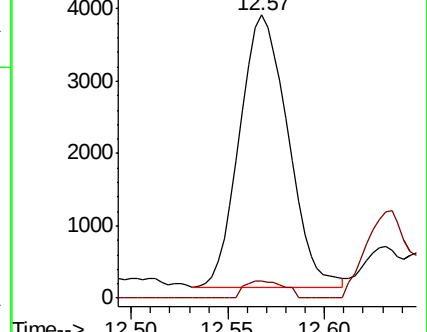
91 100

120 5.2 11.4 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VN063121.D (-3264) (-)

Ion 120.00 (119.70 to 120.70): VN063121.D (-3264) (-)



#79

2-Chlorotoluene

Concen: 0.380 ug/l

RT: 12.88 min Scan# 3454

Delta R.T. 0.23 min

Lab File: VN063121.D

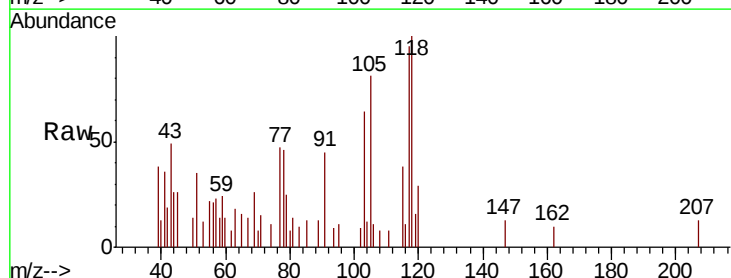
Acq: 25 Aug 2020 19:04

Tgt Ion: 91 Resp: 2712

Ion Ratio Lower Upper

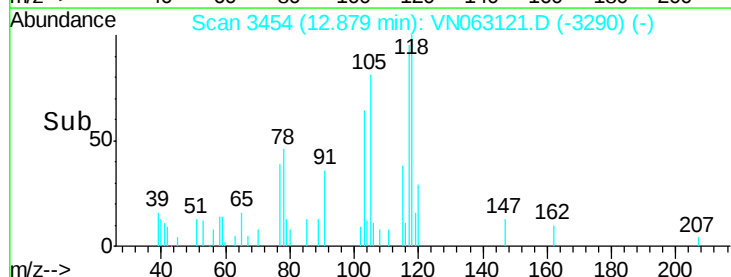
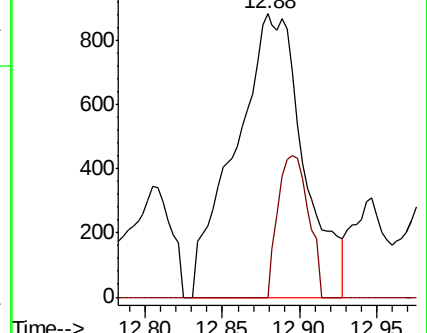
91 100

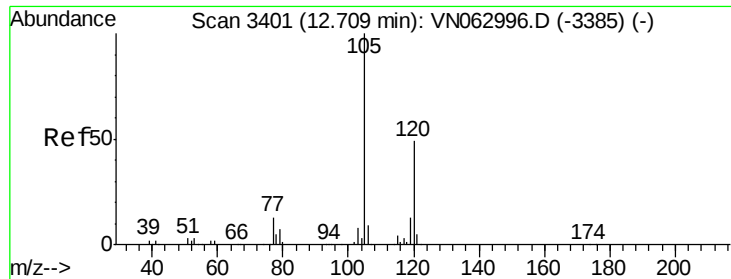
126 22.2 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN063121.D (-3290) (-)

Ion 125.90 (125.60 to 126.60): VN063121.D (-3290) (-)





#80

1,3,5-Trimethylbenzene

Concen: 0.709 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

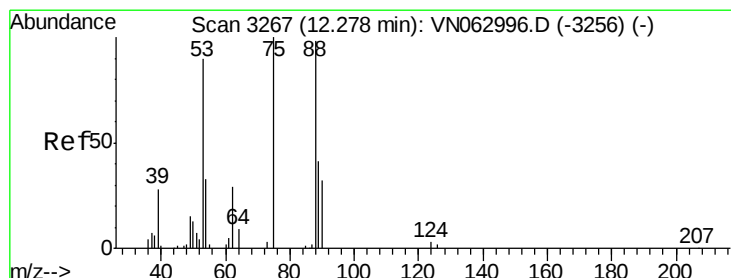
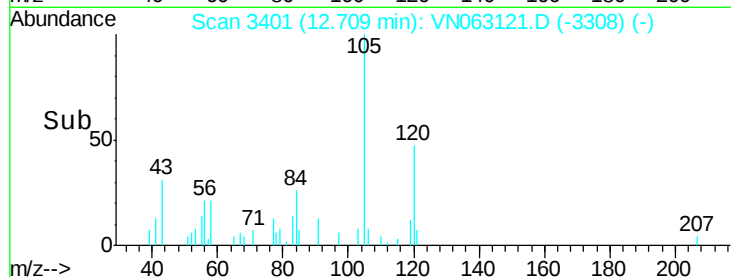
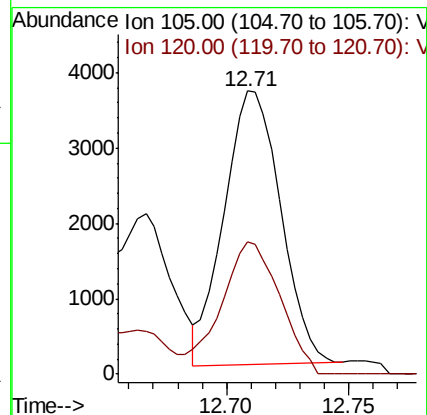
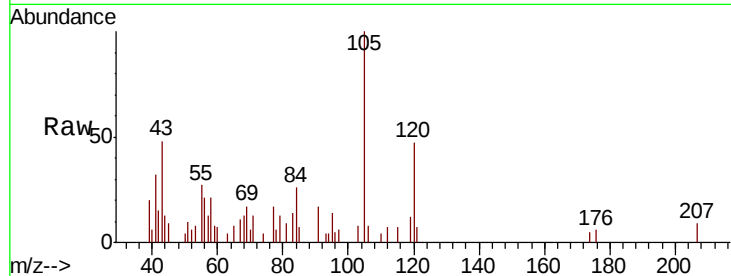
COMP-2

Tot Ion:105 Resp: 5840

Ion Ratio Lower Upper

105 100

120 50.1 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 74.801 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

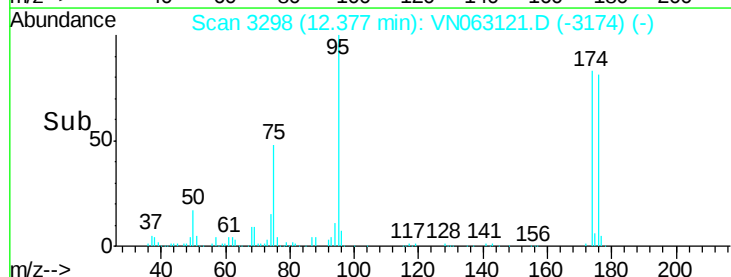
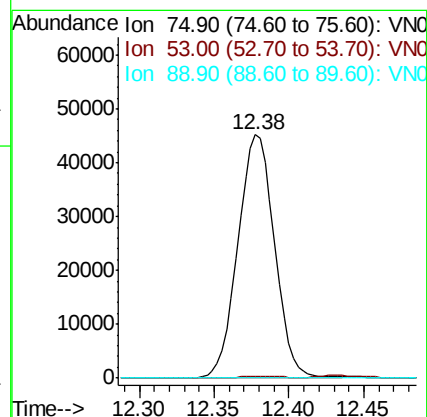
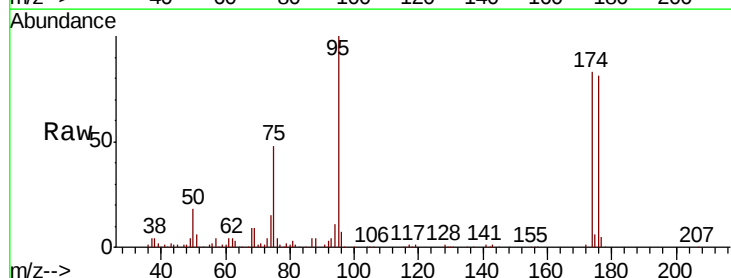
Tgt Ion: 75 Resp: 77019

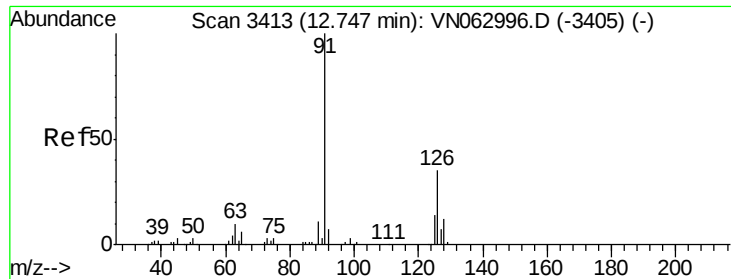
Ion Ratio Lower Upper

75 100

53 0.4 69.2 103.8#

89 0.0 34.2 51.4#





#82

4-Chlorotoluene

Concen: 0.373 ug/l

RT: 12.88 min Scan# 3454

Delta R.T. 0.13 min

Lab File: VN063121.D

Acq: 25 Aug 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

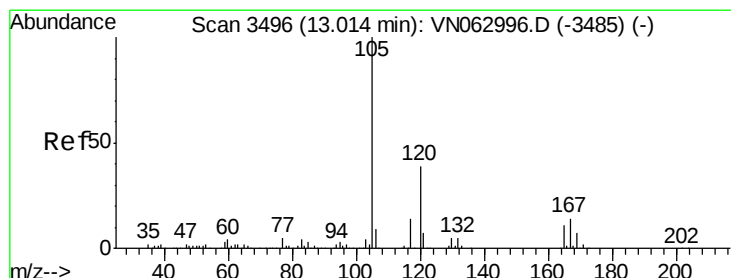
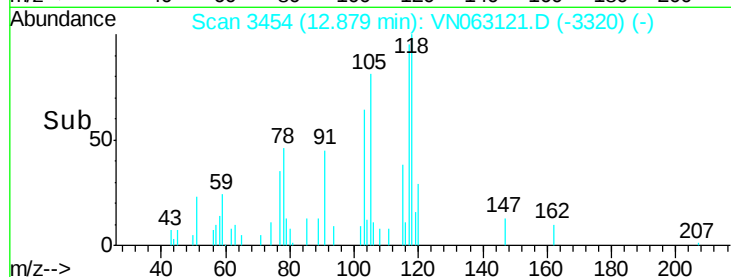
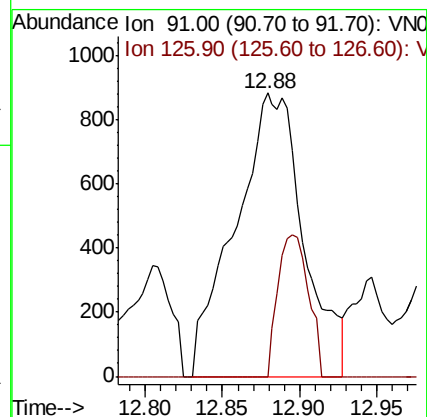
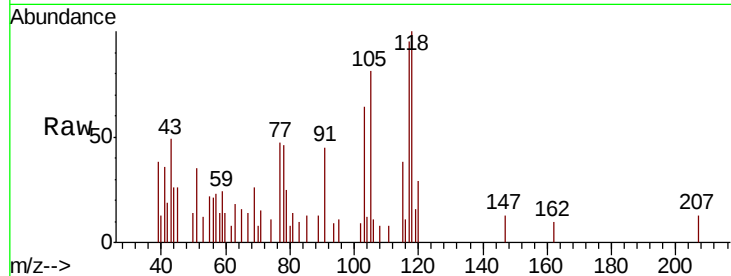
COMP-2

Tot Ion: 91 Resp: 2712

Ion Ratio Lower Upper

91 100

126 22.2 16.5 49.5



#84

1,2,4-Trimethylbenzene

Concen: 5.348 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN063121.D

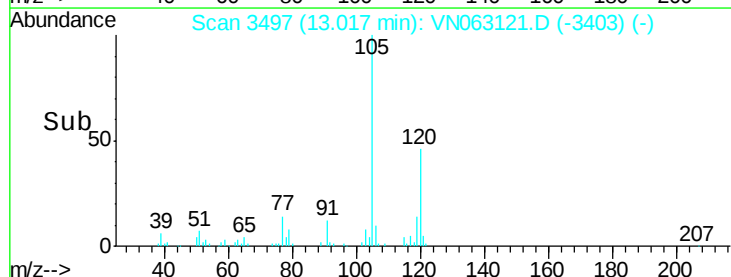
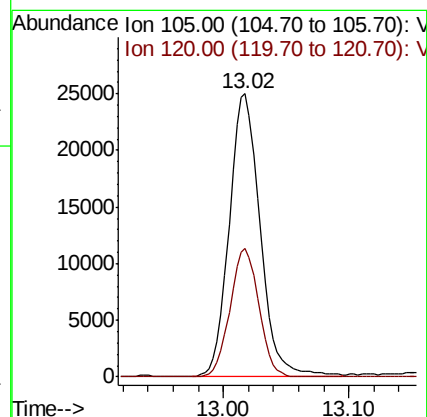
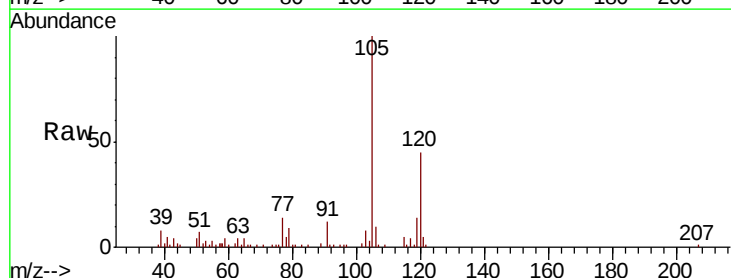
Acq: 25 Aug 2020 19:04

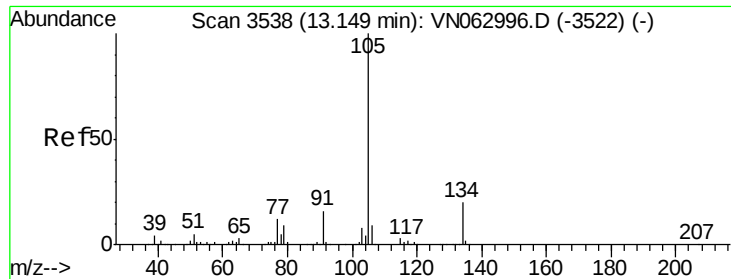
Tgt Ion: 105 Resp: 42910

Ion Ratio Lower Upper

105 100

120 41.9 22.5 67.5

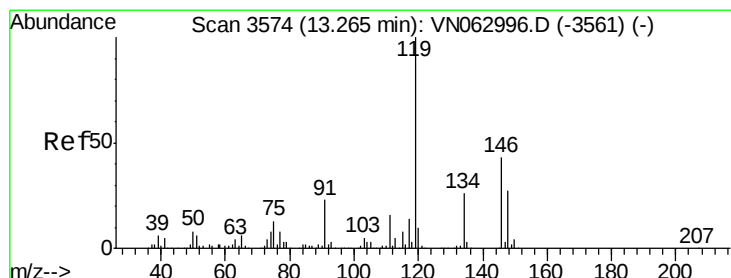
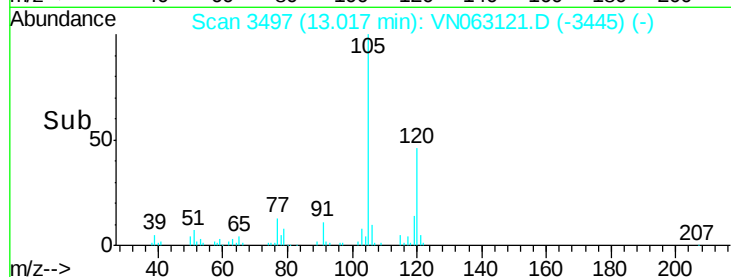
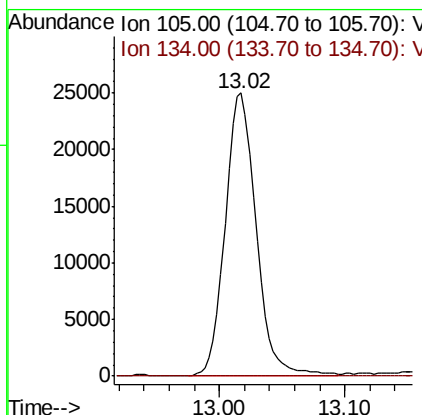
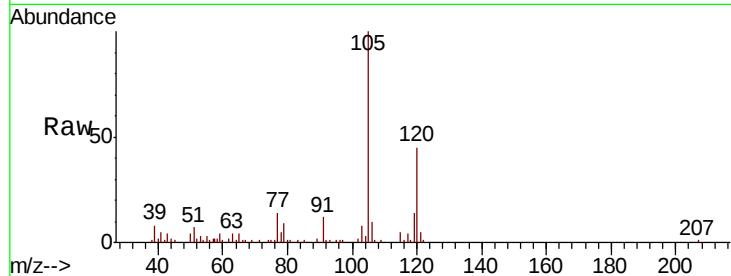




#85
 sec-Butylbenzene
 Concen: 4.467 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.13 min
 Lab File: VN063121.D
 Acq: 25 Aug 2020 19:04

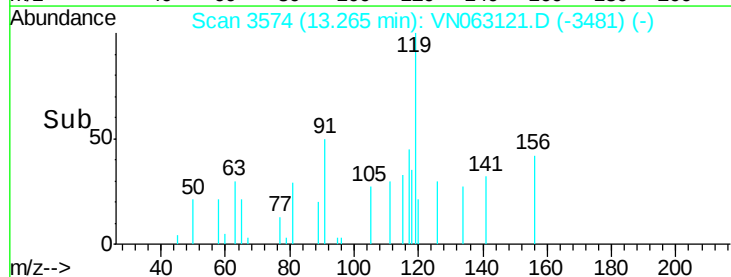
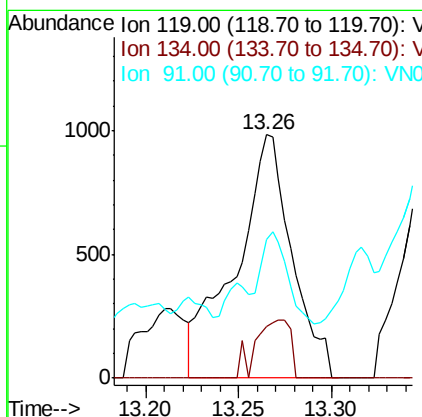
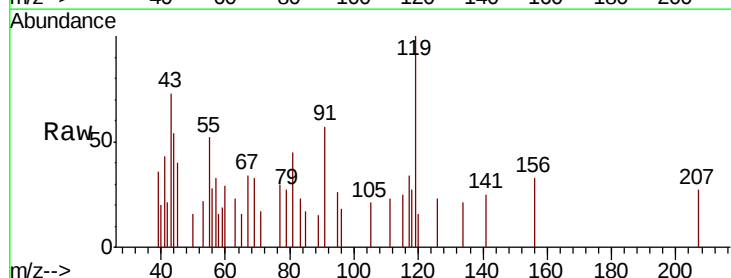
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-2

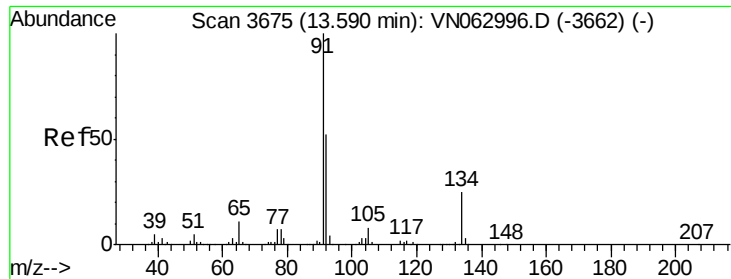
Tot Ion:105 Resp: 42910
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 0.248 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063121.D
 Acq: 25 Aug 2020 19:04

Tgt Ion:119 Resp: 2079
 Ion Ratio Lower Upper
 119 100
 134 14.6 13.1 39.3
 91 17.7 11.5 34.4

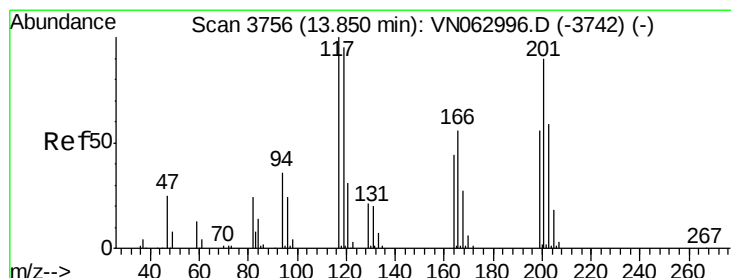
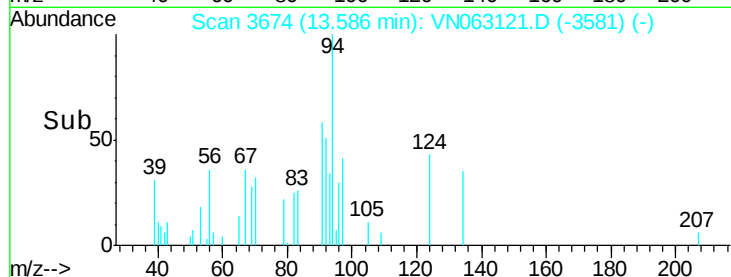
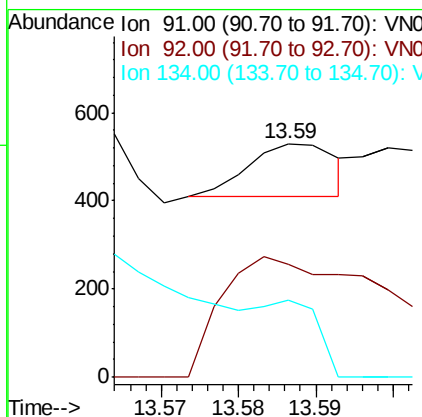
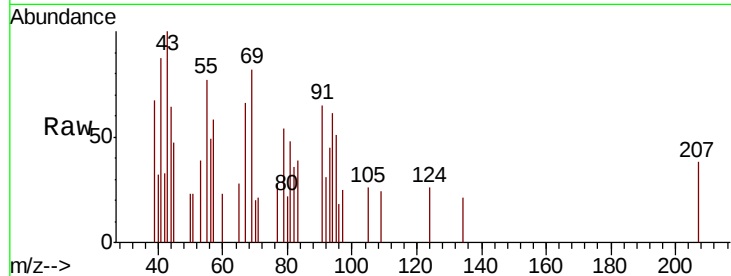




#89
n-Butylbenzene
Concen: 2.782 ug/l
RT: 13.59 min Scan# 3674
Delta R.T. -0.00 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

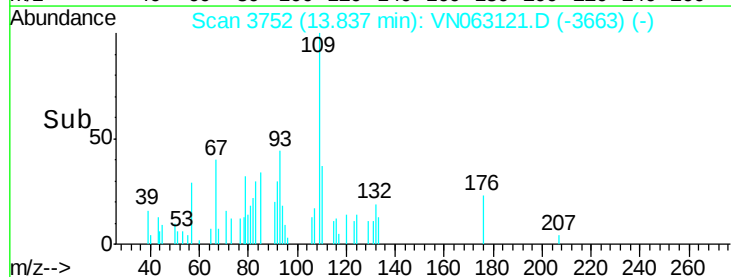
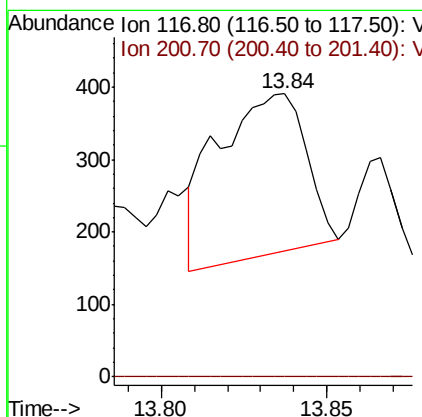
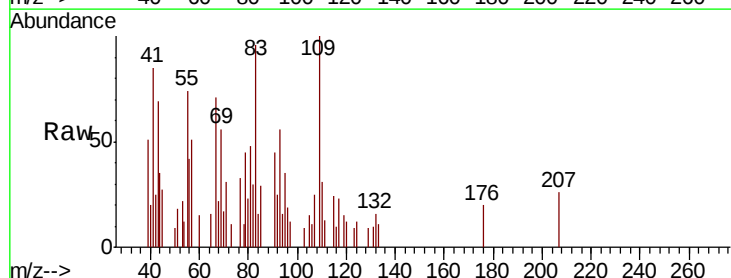
Instrument :
MSVOA_N
ClientSampled :
COMP-2

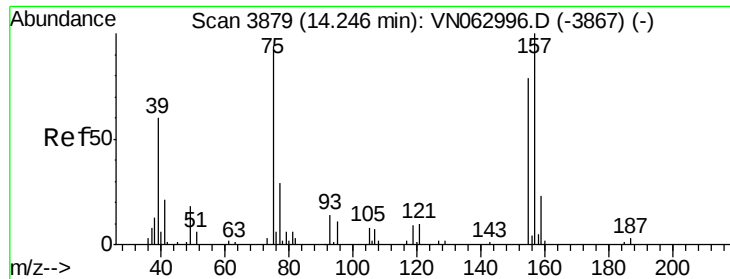
Tot Ion: 91 Resp: 95
Ion Ratio Lower Upper
91 100
92 402.1 25.9 77.6#
134 0.0 12.4 37.0#



#90
Hexachloroethane
Concen: 0.233 ug/l
RT: 13.84 min Scan# 3752
Delta R.T. -0.01 min
Lab File: VN063121.D
Acq: 25 Aug 2020 19:04

Tgt Ion: 117 Resp: 415
Ion Ratio Lower Upper
117 100
201 0.0 44.1 132.4#

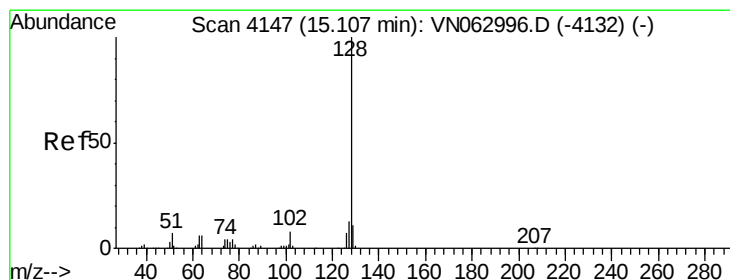
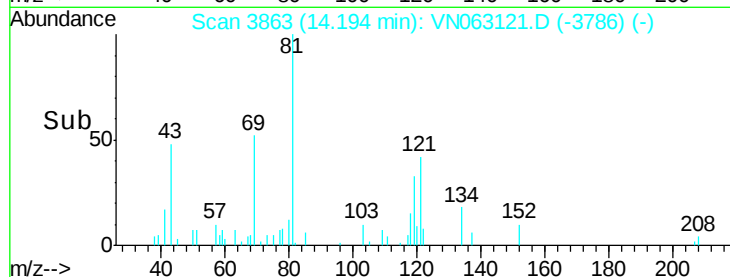
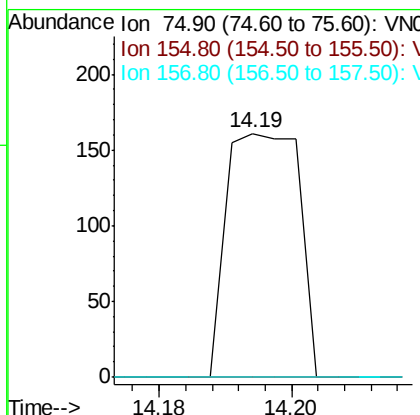
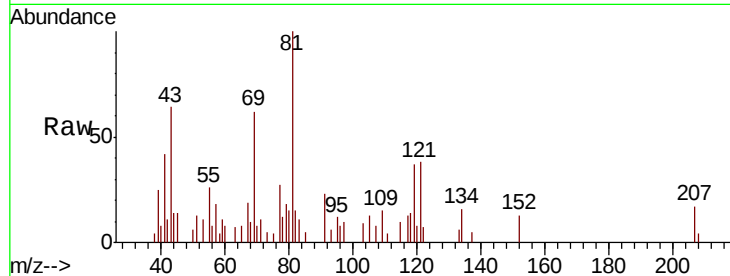




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.243 ug/l
 RT: 14.19 min Scan# 3863
 Delta R.T. -0.05 min
 Lab File: VN063121.D
 Acq: 25 Aug 2020 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Tot Ion: 75 Resp: 122
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.4 127.1#
 157 0.0 55.2 165.6#



#95
 Naphthalene
 Concen: 82.604 ug/l
 RT: 15.11 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: VN063121.D
 Acq: 25 Aug 2020 19:04

Tgt Ion: 128 Resp: 503568
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.6 16.0
 129 10.9 8.9 13.3

