

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063140.D
 Acq On : 26 Aug 2020 18:11
 Operator : JC/MD
 Sample : L3792-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Aug 27 00:55:20 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	161395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	270492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132847	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	98636	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	7.55	113	86705	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.06	98	344490	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.38	95	133420	55.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.70%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	4430	2.002	ug/l	98
6) Chloroethane	2.68	64	1429	1.131	ug/l #	78
11) Tert butyl alcohol	4.73	59	90112	332.585	ug/l	99
14) Allyl chloride	4.23	41	2726	1.129	ug/l #	43
15) Acrylonitrile	4.73	53	213	0.267	ug/l #	3
16) Acetone	3.78	43	346355	585.922	ug/l	99
18) Methyl Acetate	4.02	43	18108	9.526	ug/l #	52
20) Methylene Chloride	4.51	84	1362	Below Cal		89
25) 2-Butanone	6.79	43	15741	15.500	ug/l	96
26) 2,2-Dichloropropane	6.77	77	1125	0.467	ug/l #	52
28) Bromochloromethane	7.33	49	18297	11.416	ug/l #	13
29) Tetrahydrofuran	7.17	42	2368	3.613	ug/l #	86
30) Chloroform	7.33	83	245358	79.535	ug/l	98
31) Cyclohexane	7.62	56	4039	1.433	ug/l #	8
36) 1,1-Dichloropropene	7.63	75	11501	4.825	ug/l #	50
37) Ethyl Acetate	6.89	43	937	0.420	ug/l #	68
38) Carbon Tetrachloride	7.63	117	14377	5.974	ug/l #	17
39) Methylcyclohexane	9.06	83	429	1.691	ug/l #	73
40) Benzene	8.00	78	186604	24.682	ug/l	100
41) Methacrylonitrile	7.17	41	1689	1.587	ug/l #	38
42) 1,2-Dichloroethane	8.00	62	1577	0.621	ug/l #	75
43) Isopropyl Acetate	8.09	43	2188	0.591	ug/l #	53
45) 1,2-Dichloropropane	9.08	63	488	0.223	ug/l #	1
48) Methyl methacrylate	9.13	41	679	0.388	ug/l #	11
49) 1,4-Dioxane	9.17	88	3775	111.777	ug/l #	83
51) 4-Methyl-2-Pentanone	9.95	43	25127	10.743	ug/l	96
52) Toluene	10.12	92	82802	18.156	ug/l	98
53) t-1,3-Dichloropropene	10.13	75	781	0.273	ug/l #	1
55) 1,1,2-Trichloroethane	10.39	97	1105	0.567	ug/l #	14
56) Ethyl methacrylate	10.33	69	3043	2.716	ug/l #	41
58) 2-Chloroethyl Vinyl ether	9.68	63	621	13.007	ug/l #	49
59) 2-Hexanone	10.72	43	789	0.484	ug/l	76
67) Ethyl Benzene	11.49	91	15673	1.675	ug/l	98
68) m/p-Xylenes	11.59	106	26990	7.760	ug/l	98

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

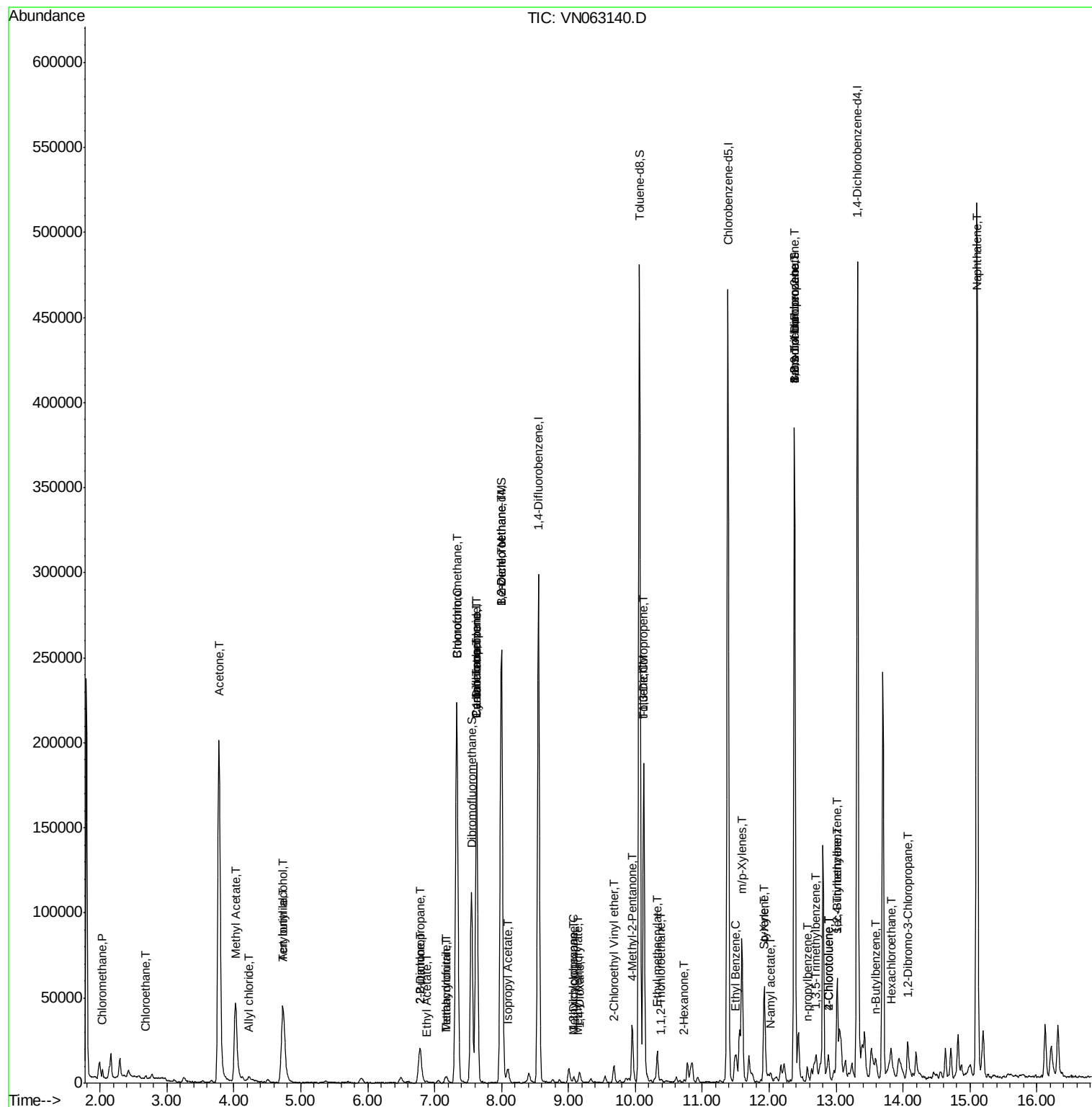
69) o-Xylene	11.92	106	13716	4.106	ug/l	94
70) Styrene	11.94	104	11210	3.550	ug/l	88
71) Bromoform	12.37	173	958	0.559	ug/l #	1
74) N-amyl acetate	12.01	43	776	0.238	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.45	83	234	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.38	75	64164	24.848	ug/l #	100
78) n-propylbenzene	12.57	91	4474	0.431	ug/l #	53
79) 2-Chlorotoluene	12.88	91	1431	0.219	ug/l	79
80) 1,3,5-Trimethylbenzene	12.71	105	4722	0.628	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	64164	68.244	ug/l #	15
82) 4-Chlorotoluene	12.88	91	1431	0.215	ug/l	80
84) 1,2,4-Trimethylbenzene	13.02	105	34600	4.723	ug/l	96
85) sec-Butylbenzene	13.02	105	34600	3.944	ug/l #	57
89) n-Butylbenzene	13.59	91	1257	2.935	ug/l #	34
90) Hexachloroethane	13.83	117	363	0.223	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.07	75	235	0.513	ug/l #	1
95) Naphthalene	15.10	128	443717	79.908	ug/l	99

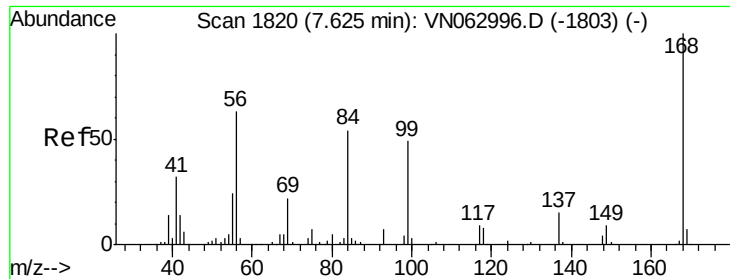
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082620\
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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: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampled :

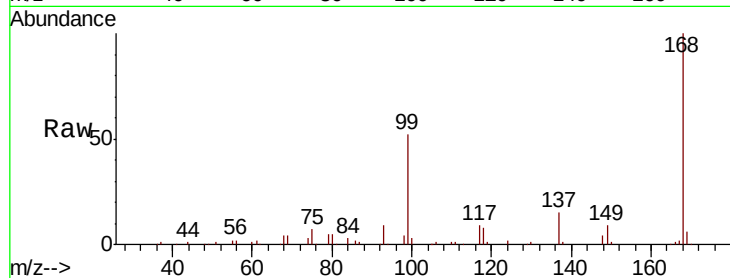
COMP-2

Tot Ion:168 Resp: 161395

Ion Ratio Lower Upper

168 100

99 52.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

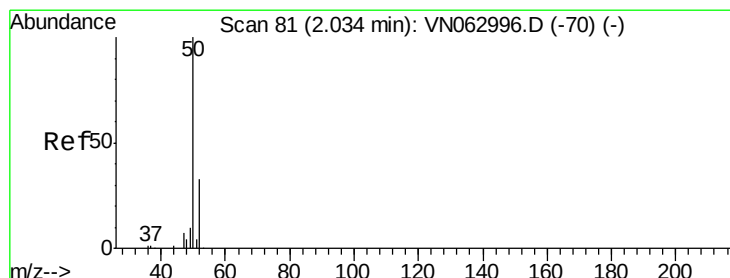
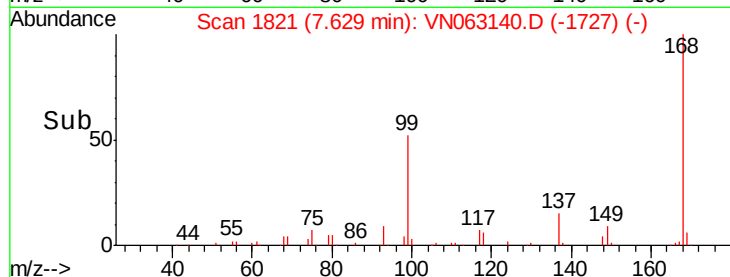
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 2.002 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063140.D

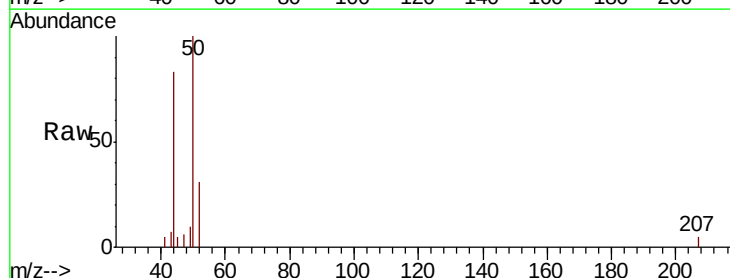
Acq: 26 Aug 2020 18:11

Tgt Ion: 50 Resp: 4430

Ion Ratio Lower Upper

50 100

52 31.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

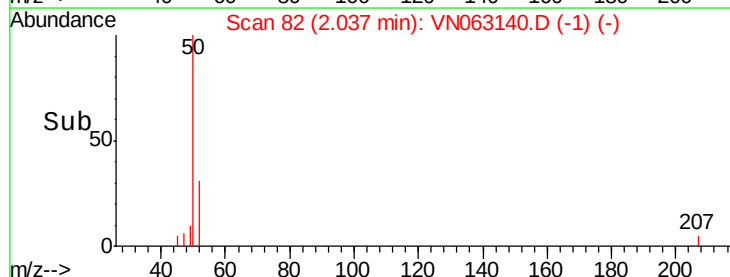
3000

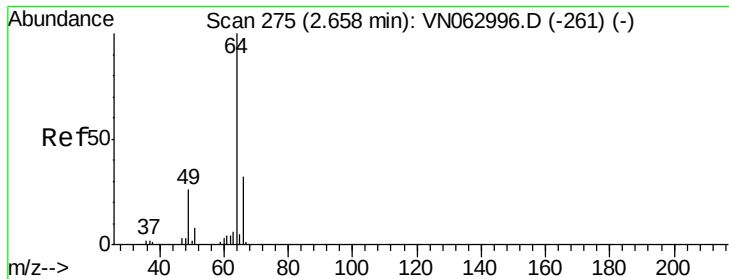
2000

1000

0

Time--> 2.00 2.05





#6

Chloroethane

Concen: 1.131 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.02 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampled :

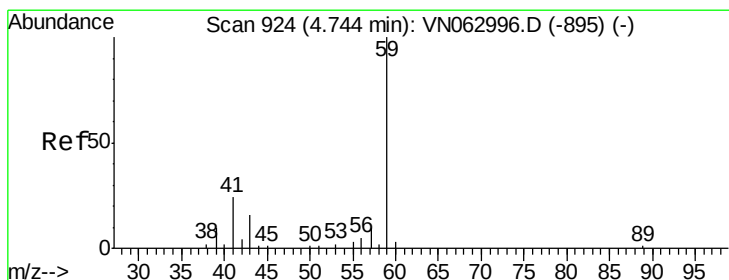
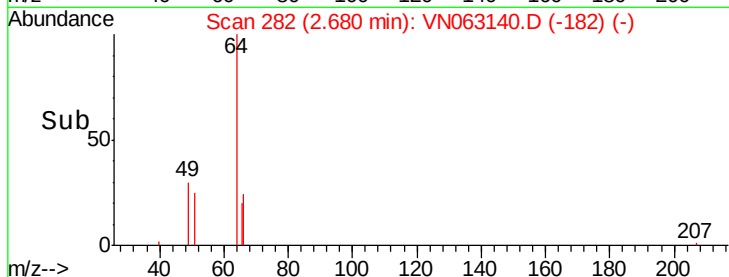
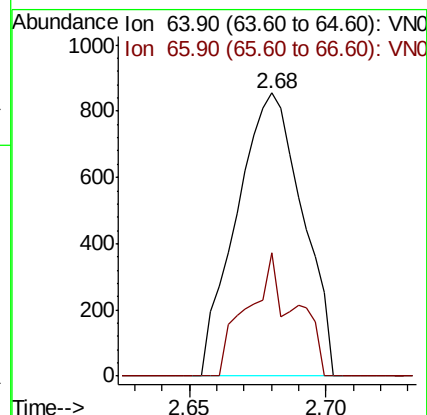
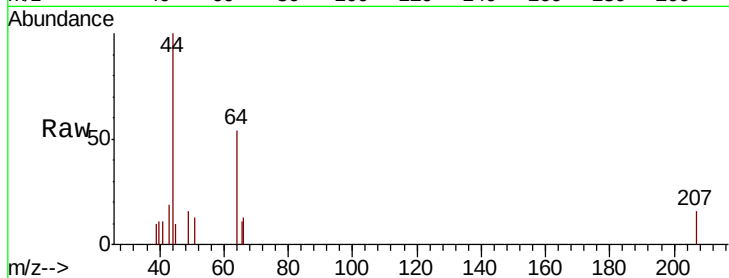
COMP-2

Tot Ion: 64 Resp: 1429

Ion Ratio Lower Upper

64 100

66 43.7 25.4 38.0#



#11

Tert butyl alcohol

Concen: 332.585 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.01 min

Lab File: VN063140.D

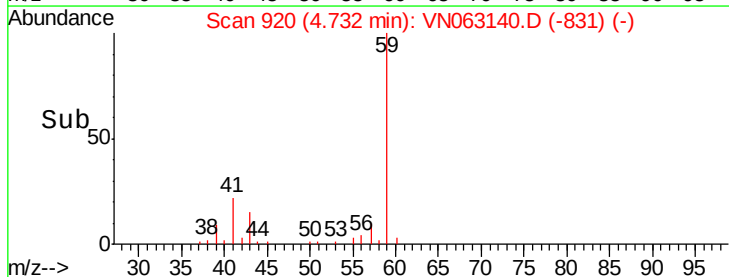
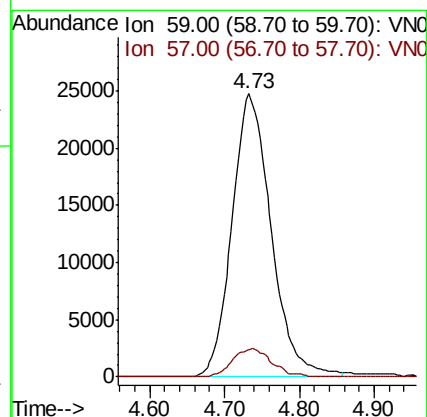
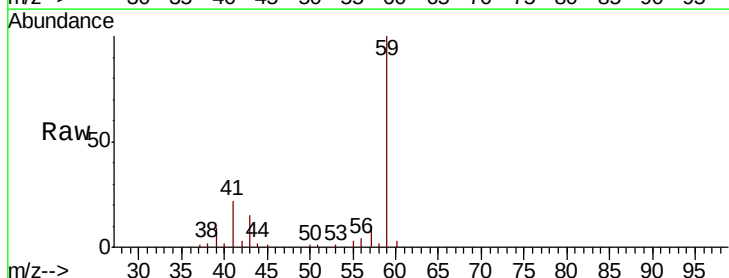
Acq: 26 Aug 2020 18:11

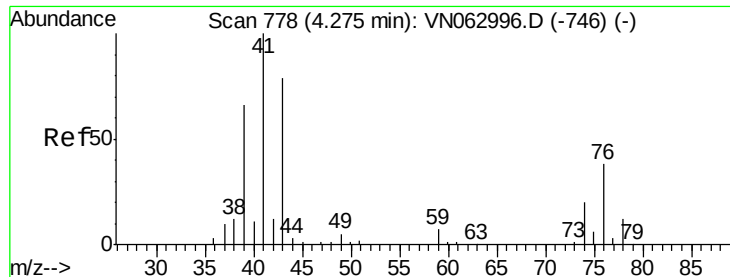
Tgt Ion: 59 Resp: 90112

Ion Ratio Lower Upper

59 100

57 9.9 7.8 11.6

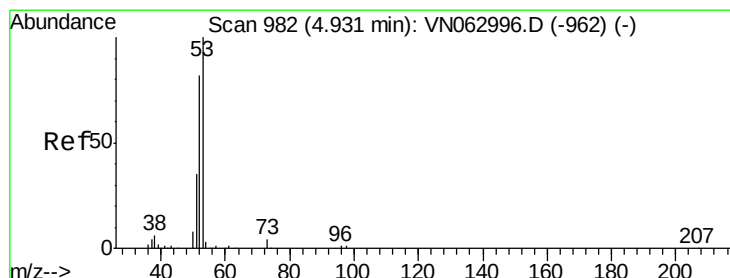
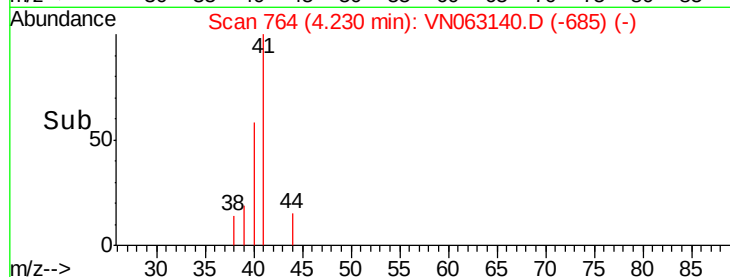
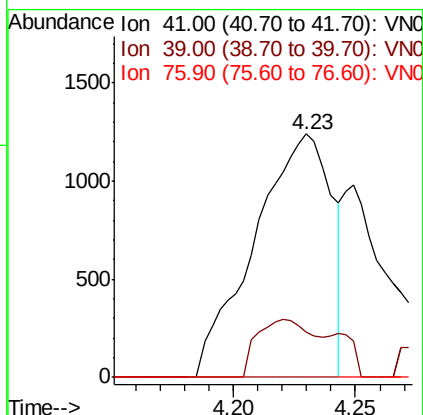
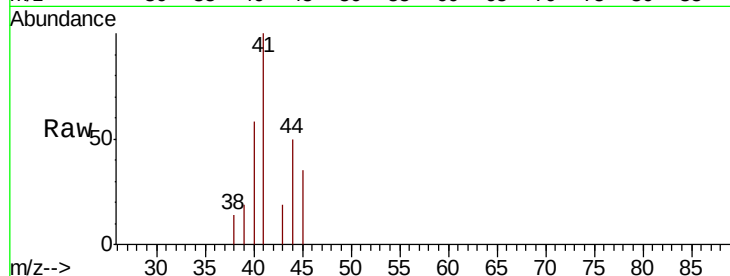




#14
Allvl chloride
Concen: 1.129 ug/l
RT: 4.23 min Scan# 764
Delta R.T. -0.04 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

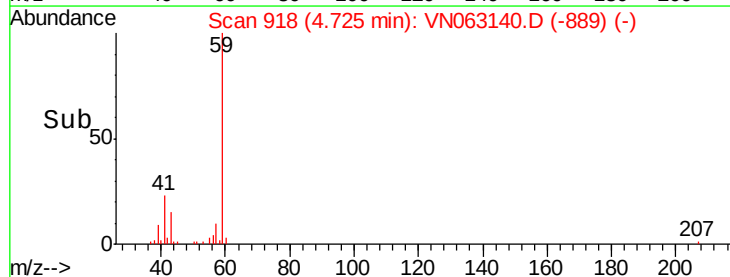
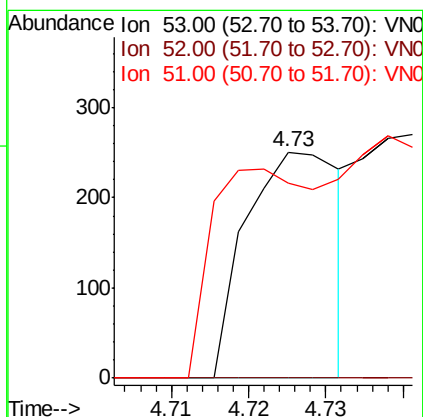
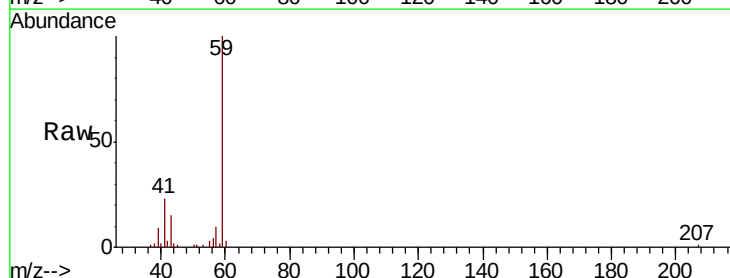
Instrument :
MSVOA_N
ClientSampled :
COMP-2

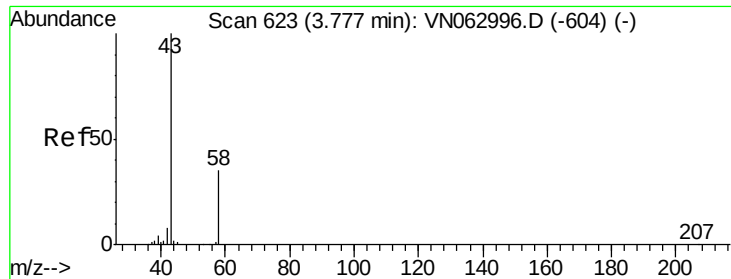
Tot Ion: 41 Resp: 2726
Ion Ratio Lower Upper
41 100
39 17.4 47.9 71.9#
76 0.0 27.0 40.6#



#15
Acrylonitrile
Concen: 0.267 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.21 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Tgt Ion: 53 Resp: 213
Ion Ratio Lower Upper
53 100
52 0.0 65.6 98.4#
51 98.1 28.2 42.4#





#16

Acetone

Concen: 585.922 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampleId :

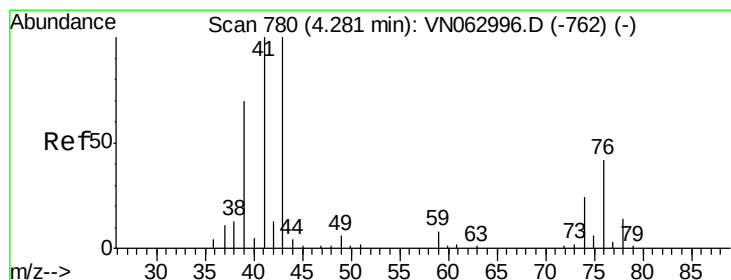
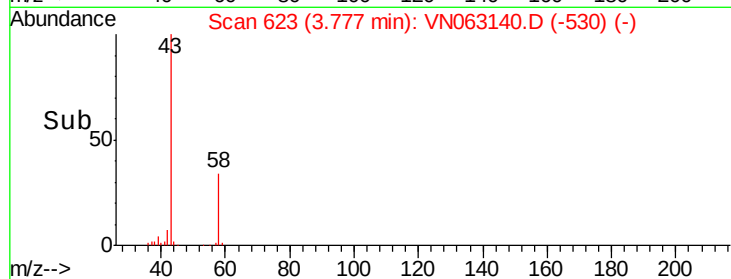
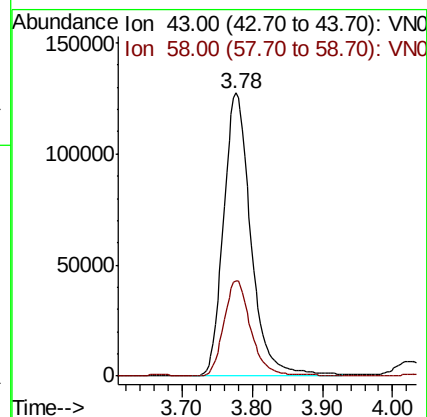
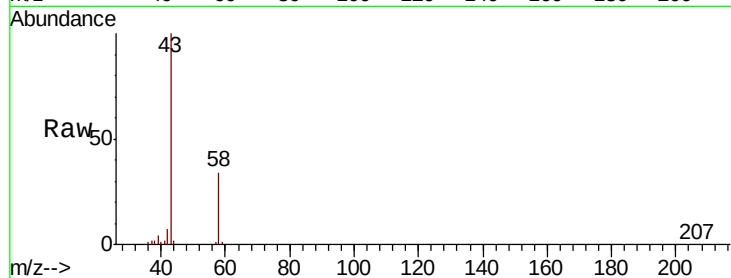
COMP-2

Tot Ion: 43 Resp: 346355

Ion Ratio Lower Upper

43 100

58 33.8 27.8 41.6



#18

Methyl Acetate

Concen: 9.526 ug/l

RT: 4.02 min Scan# 699

Delta R.T. -0.26 min

Lab File: VN063140.D

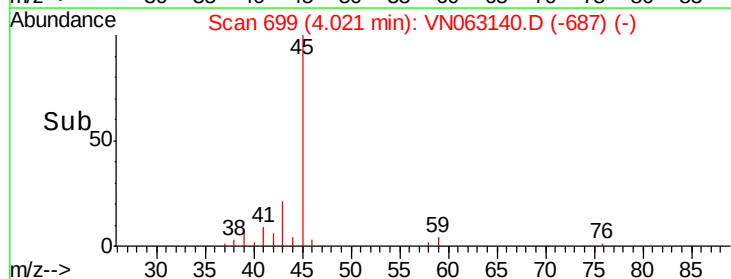
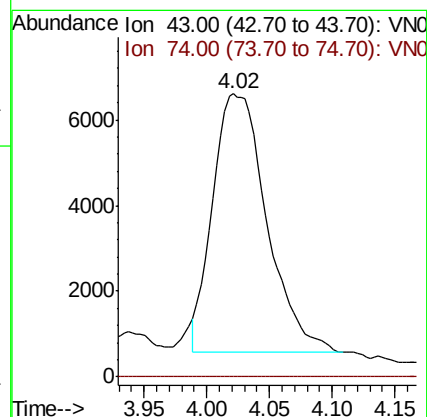
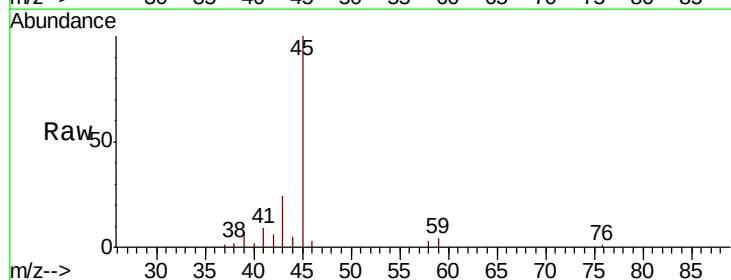
Acq: 26 Aug 2020 18:11

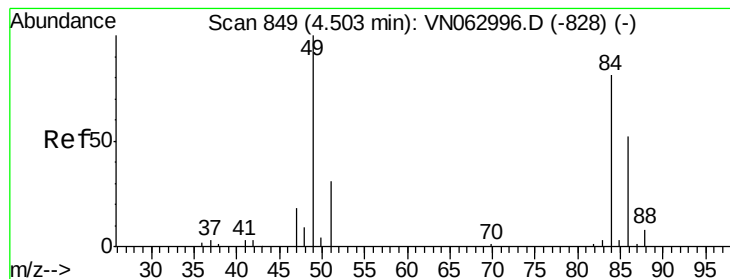
Tgt Ion: 43 Resp: 18108

Ion Ratio Lower Upper

43 100

74 0.0 18.6 28.0#





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampled :

COMP-2

Tot Ion: 84 Resp: 1362

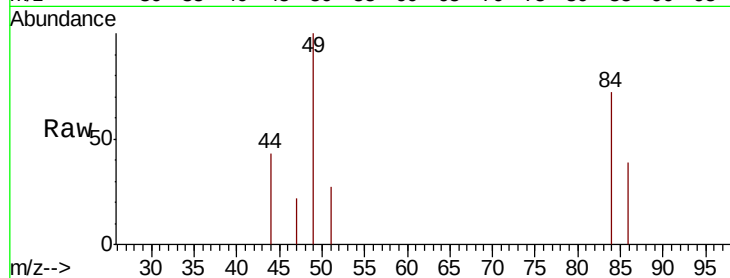
Ion Ratio Lower Upper

84 100

49 139.1 98.7 148.1

51 37.5 30.8 46.2

86 54.4 51.2 76.8

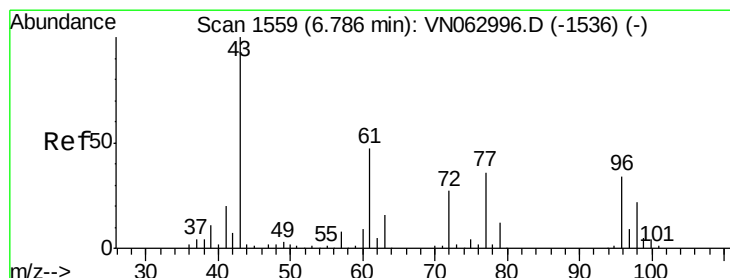
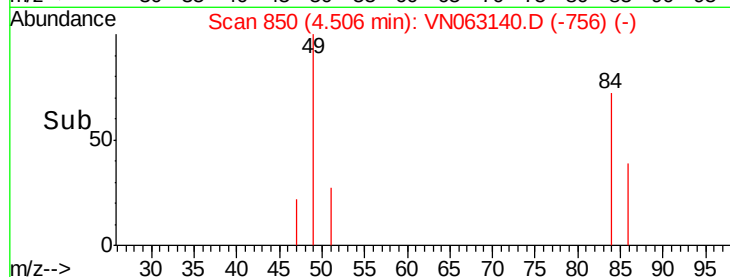
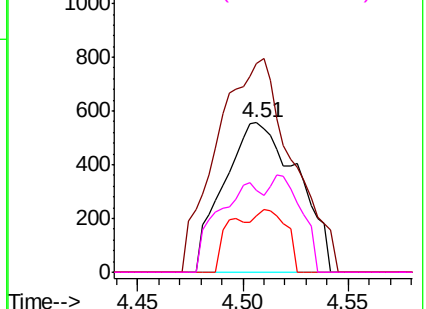


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 15.500 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

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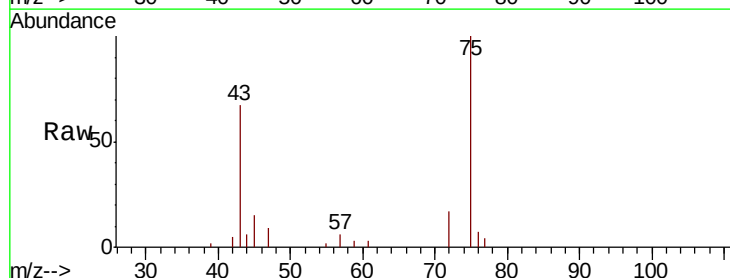
Acq: 26 Aug 2020 18:11

Tgt Ion: 43 Resp: 15741

Ion Ratio Lower Upper

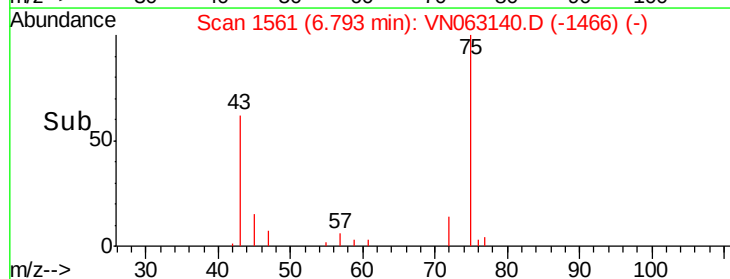
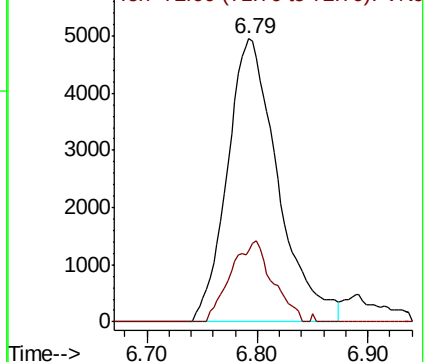
43 100

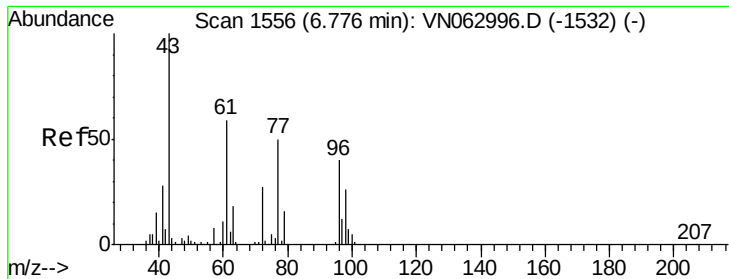
72 25.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

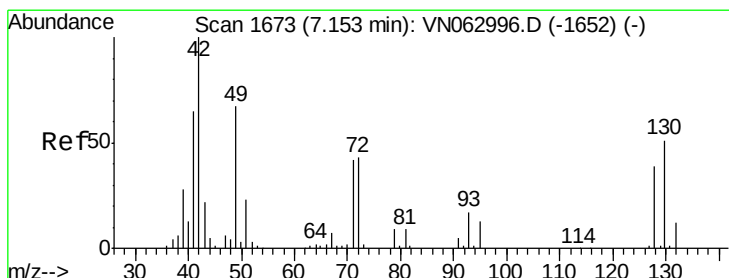
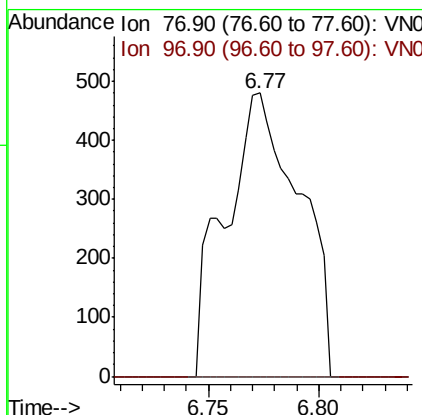
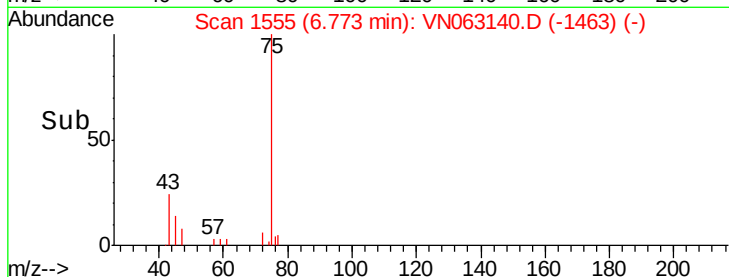
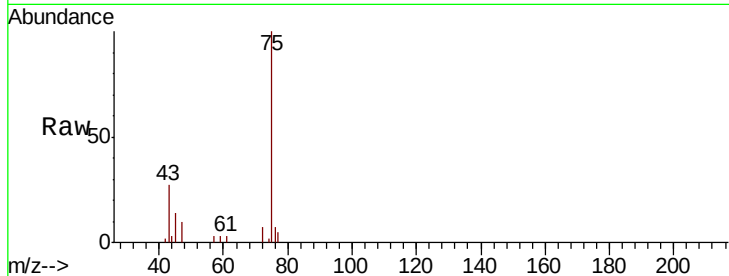




#26
 2,2-Dichloropropane
 Concen: 0.467 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

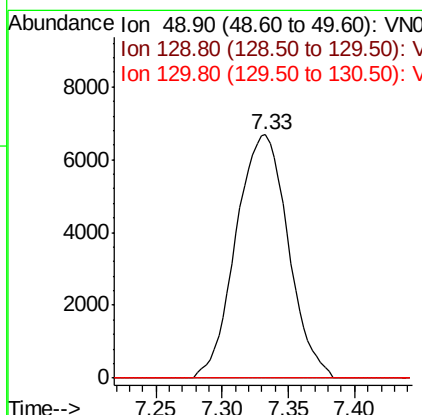
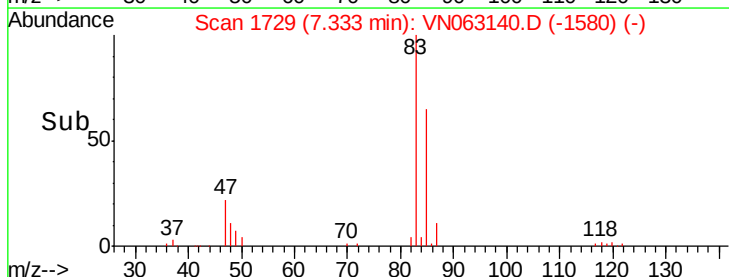
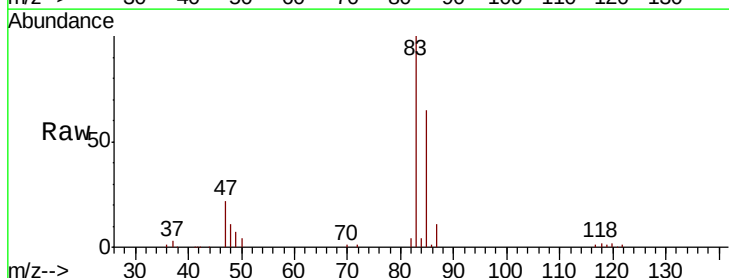
Instrument :
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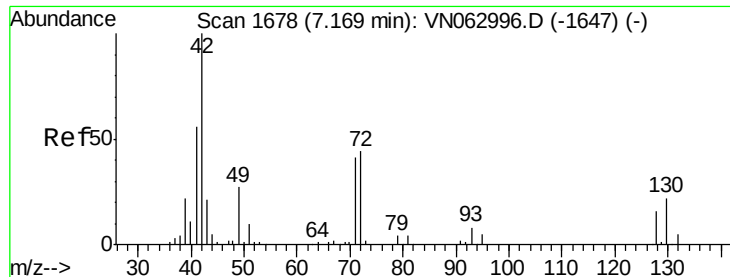
Tot Ion: 77 Resp: 1125
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.1#



#28
 Bromochloromethane
 Concen: 11.416 ug/l
 RT: 7.33 min Scan# 1729
 Delta R.T. 0.18 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

Tgt Ion: 49 Resp: 18297
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 0.0 61.1 91.7#

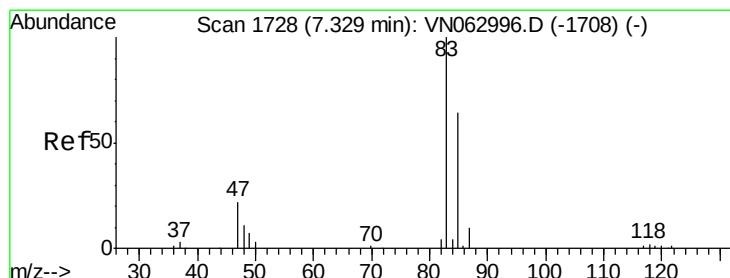
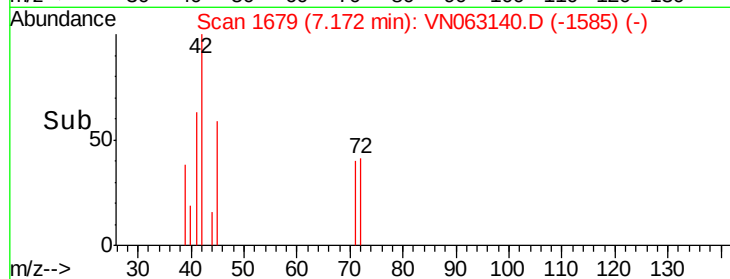
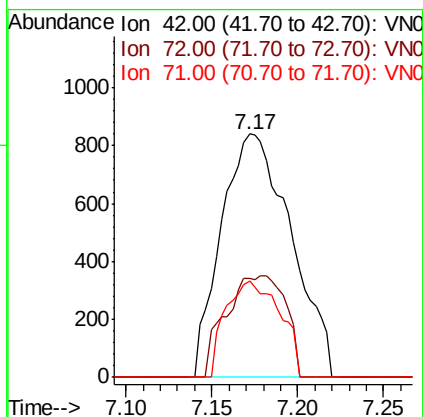
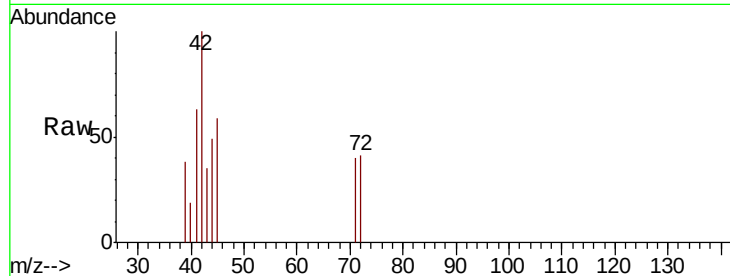




#29
Tetrahydrofuran
Concen: 3.613 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

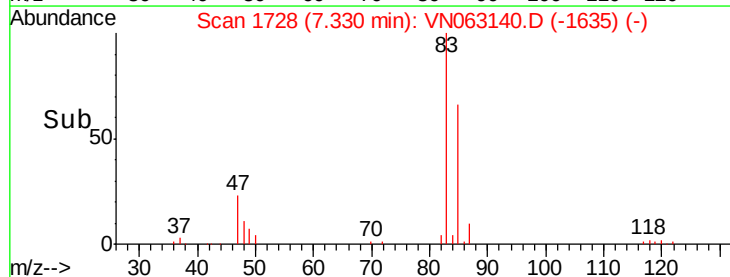
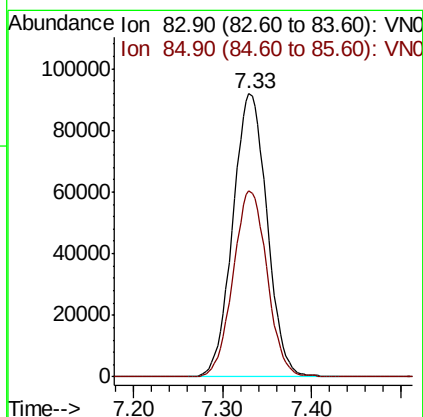
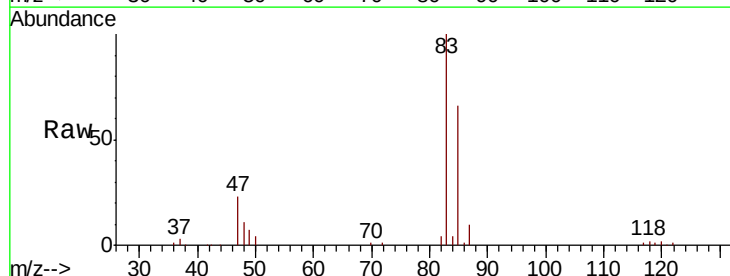
Instrument :
MSVOA_N
ClientSampled :
COMP-2

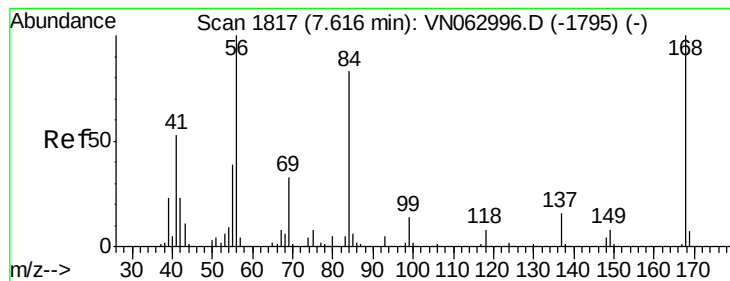
Tot Ion: 42 Resp: 2368
Ion Ratio Lower Upper
42 100
72 35.6 34.6 52.0
71 30.9 32.3 48.5#



#30
Chloroform
Concen: 79.535 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Tgt Ion: 83 Resp: 245358
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3





#31

Cyclohexane

Concen: 1.433 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampled :

COMP-2

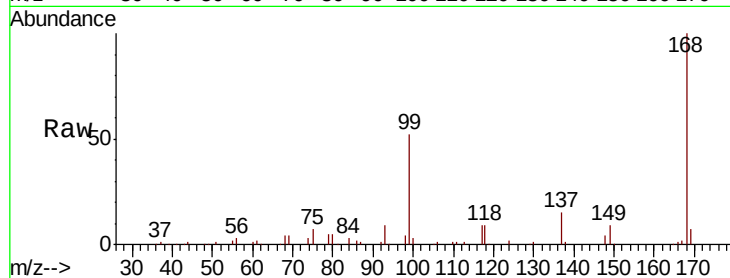
Tot Ion: 56 Resp: 4039

Ion Ratio Lower Upper

56 100

69 143.4 26.6 40.0#

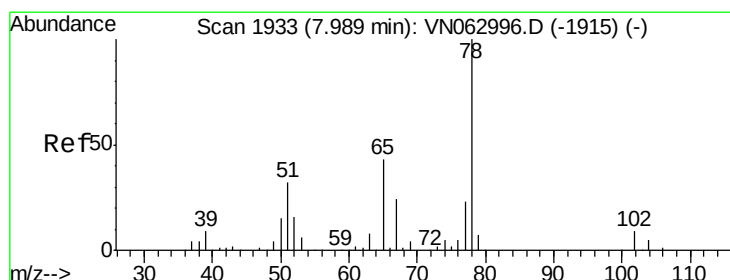
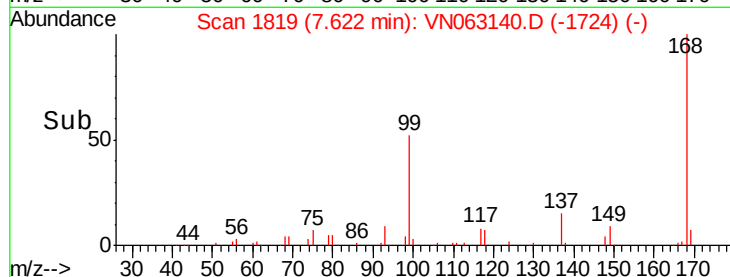
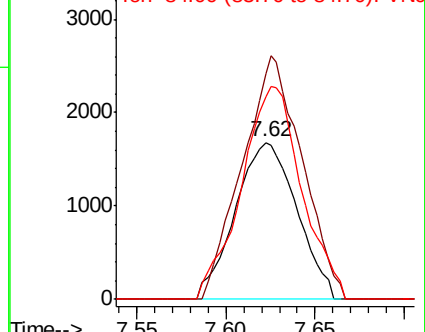
84 129.5 66.4 99.6#



Abundance Ion 56.00 (55.70 to 56.70): VN062996.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062996.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062996.D (-1795) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.565 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN063140.D

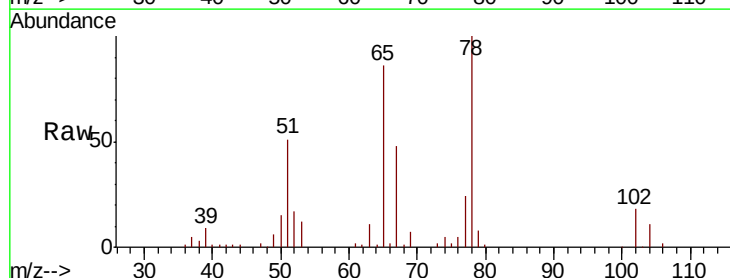
Acq: 26 Aug 2020 18:11

Tgt Ion: 65 Resp: 98636

Ion Ratio Lower Upper

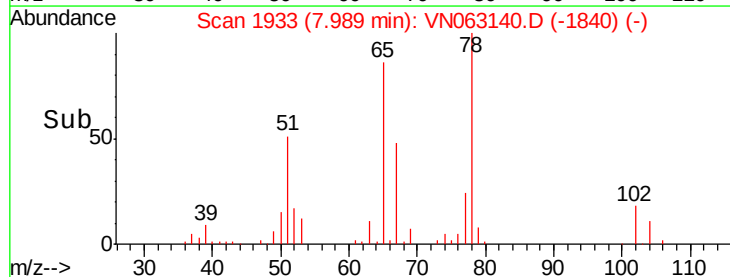
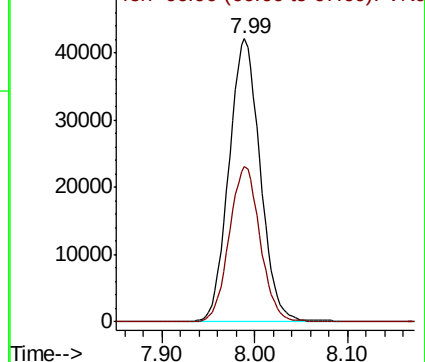
65 100

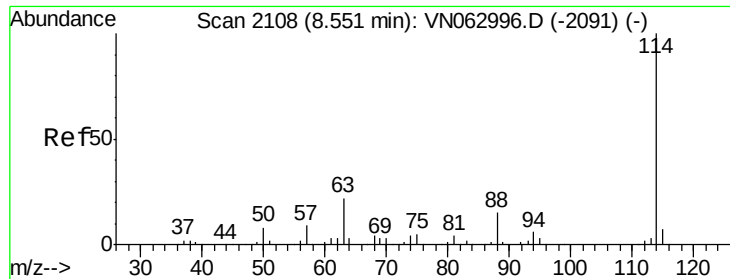
67 54.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN062996.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062996.D (-1915) (-)

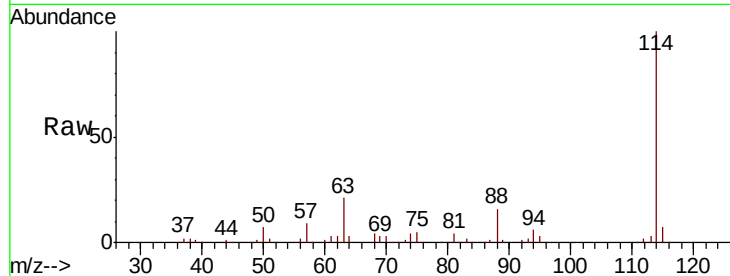




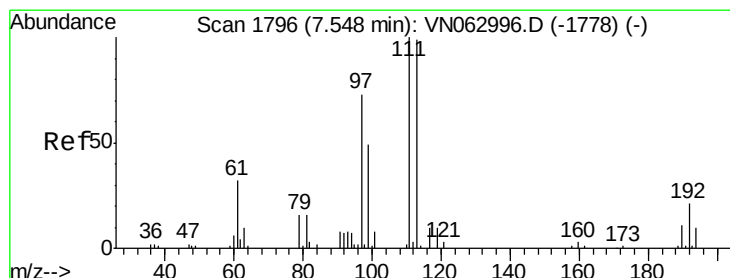
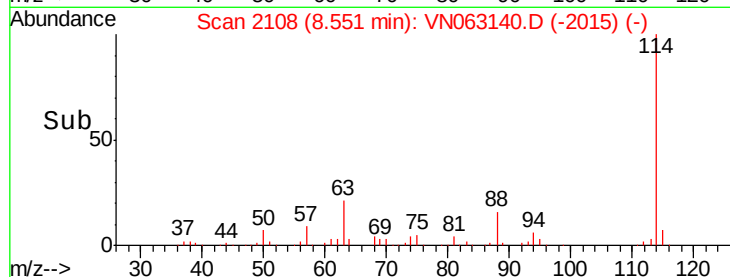
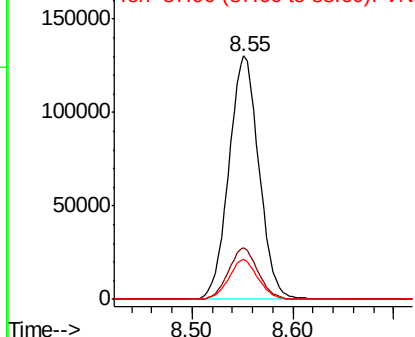
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Tot Ion:114 Resp: 270492
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 16.3 0.0 30.6

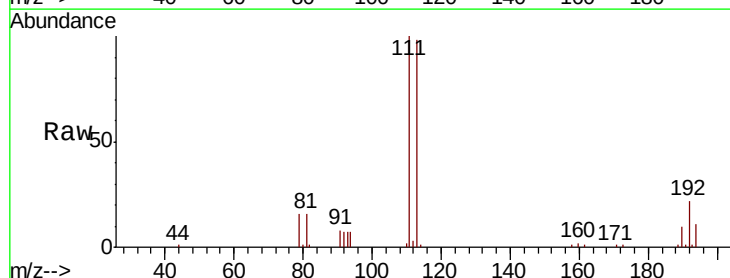


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

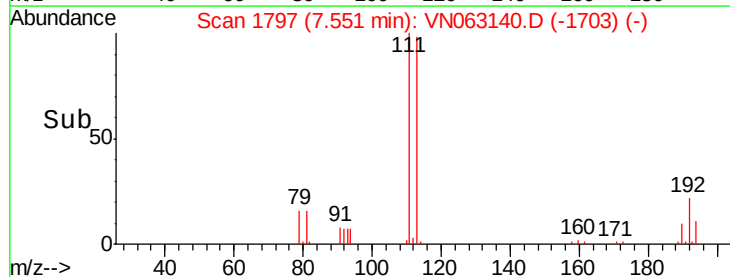
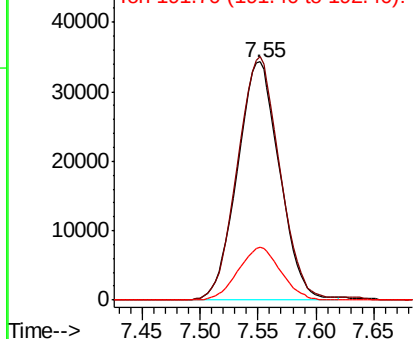


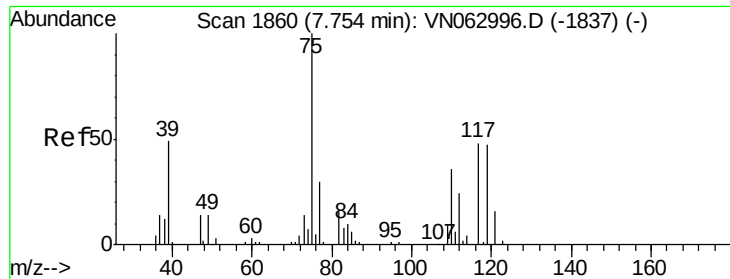
#35
 Dibromofluoromethane
 Concen: 49.194 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

Tgt Ion:113 Resp: 86705
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 22.3 17.5 26.3



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

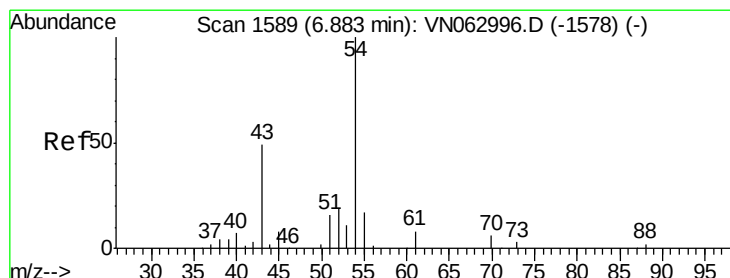
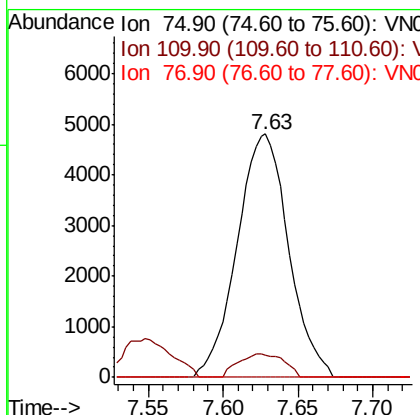
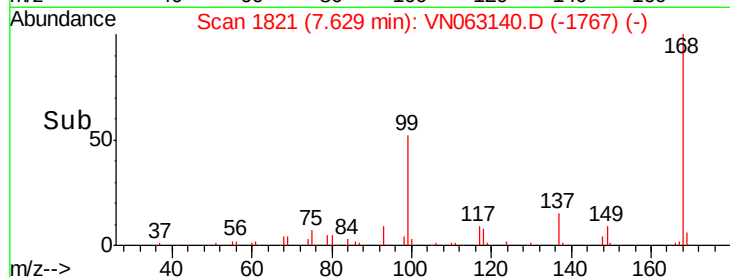
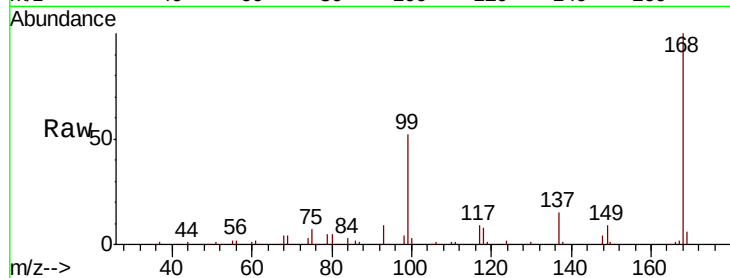




#36
 1,1-Dichloropropene
 Concen: 4.825 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.13 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

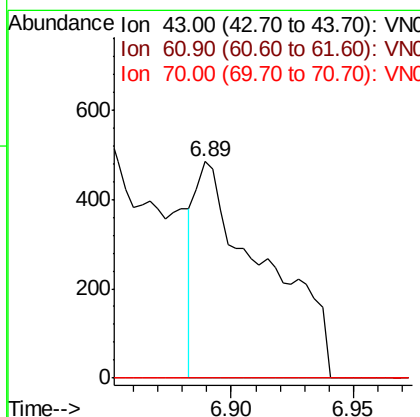
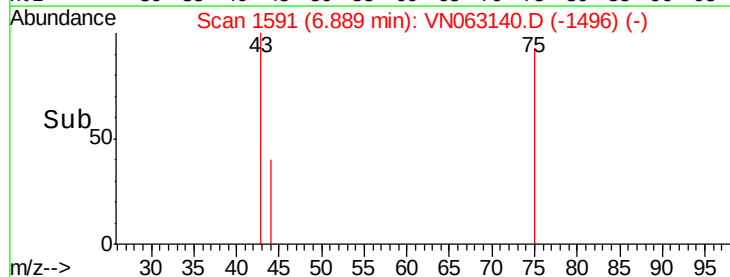
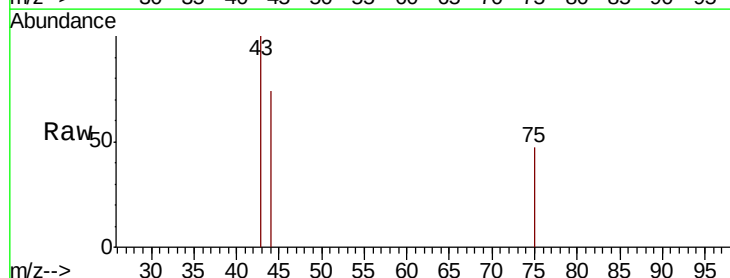
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-2

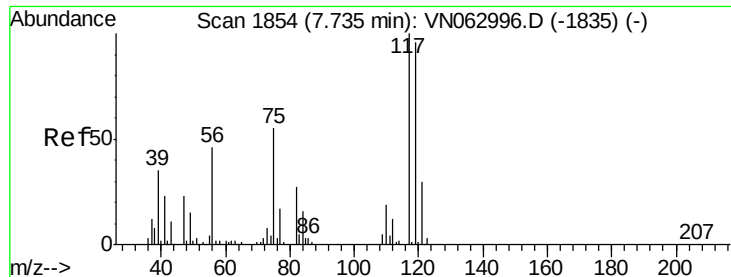
Tot Ion: 75 Resp: 11501
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.5 52.6#
 77 0.0 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 0.420 ug/l
 RT: 6.89 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

Tgt Ion: 43 Resp: 937
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.8#
 70 0.0 8.2 12.2#





#38

Carbon Tetrachloride

Concen: 5.974 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.11 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampled :

COMP-2

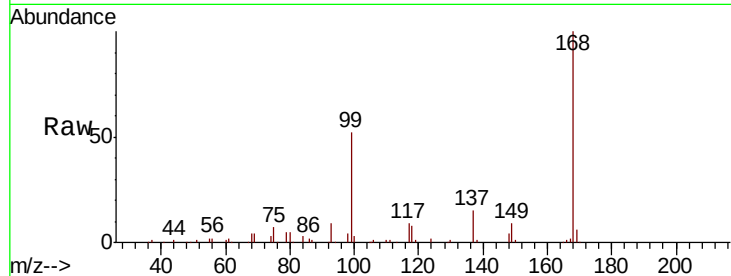
Tot Ion:117 Resp: 14377

Ion Ratio Lower Upper

117 100

119 6.0 76.2 114.4#

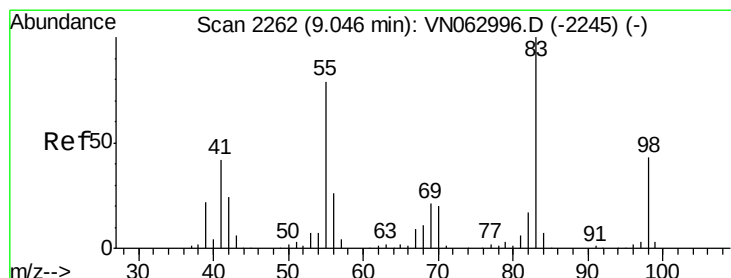
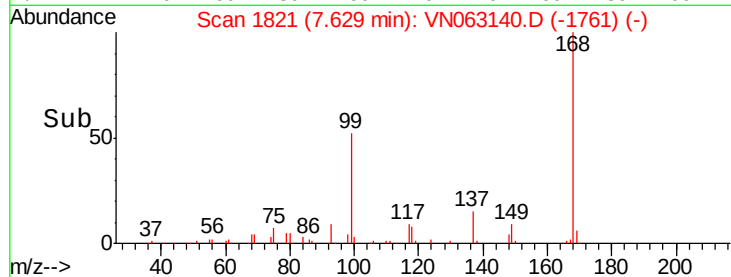
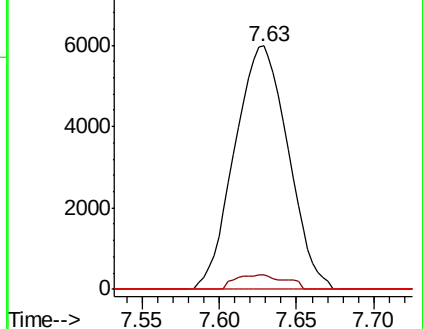
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.691 ug/l

RT: 9.06 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

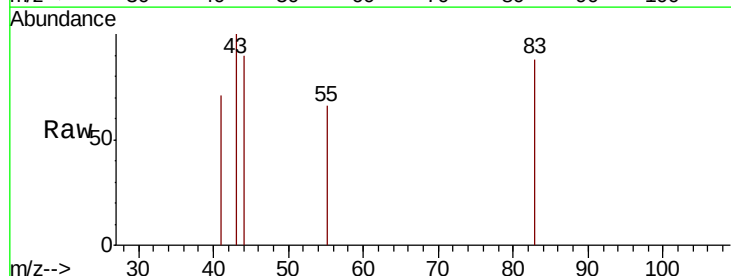
Tgt Ion: 83 Resp: 429

Ion Ratio Lower Upper

83 100

55 74.6 63.3 94.9

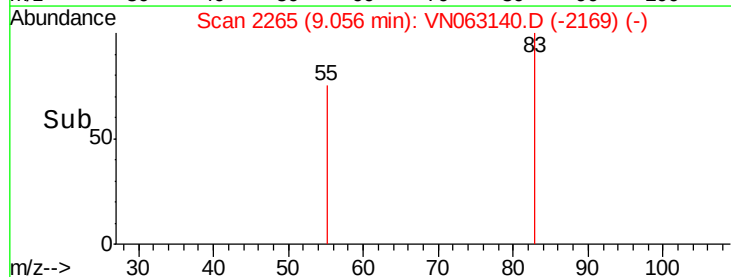
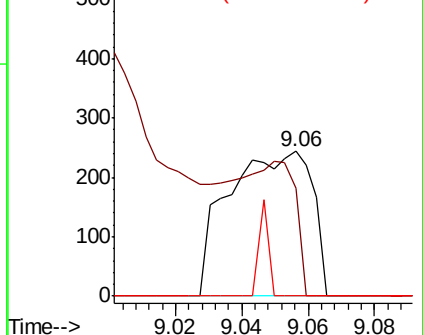
98 0.0 34.2 51.4#

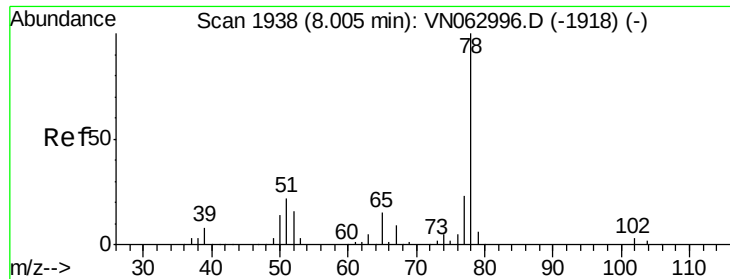


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 24.682 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampled :

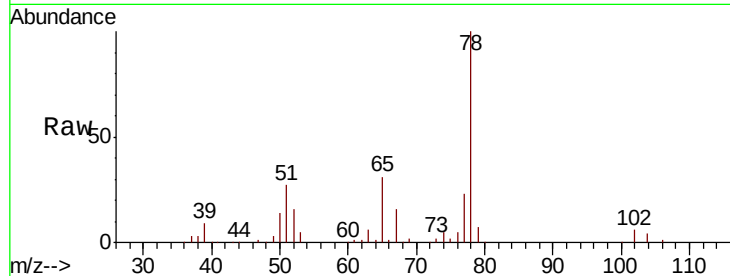
COMP-2

Tot Ion: 78 Resp: 186604

Ion Ratio Lower Upper

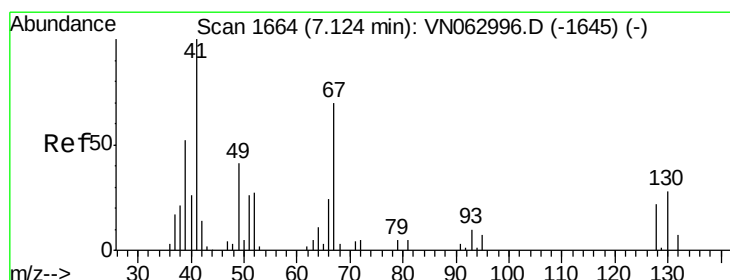
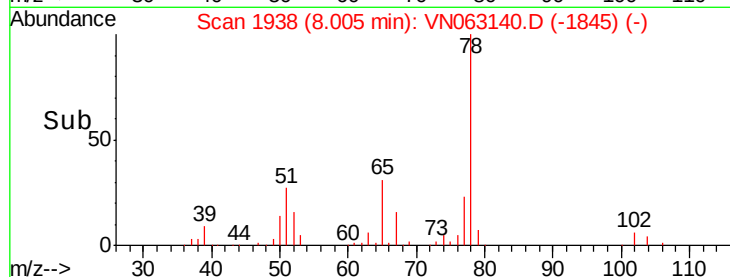
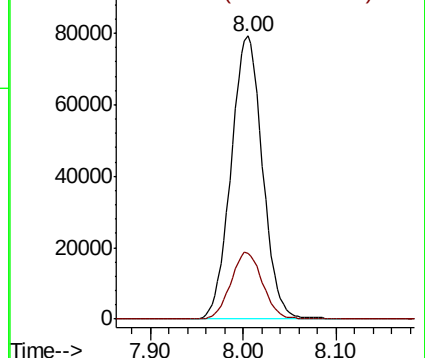
78 100

77 23.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 1.587 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.05 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Tgt Ion: 41 Resp: 1689

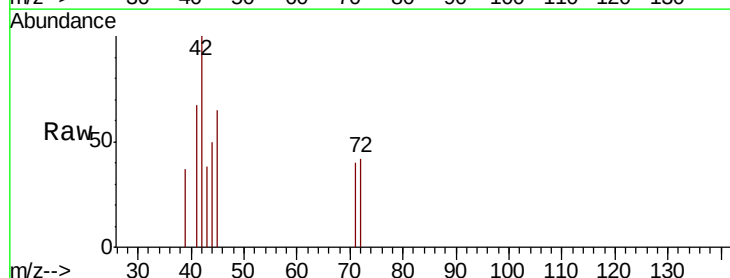
Ion Ratio Lower Upper

41 100

39 54.8 41.6 62.4

67 0.0 71.8 107.8#

52 0.0 28.2 42.4#

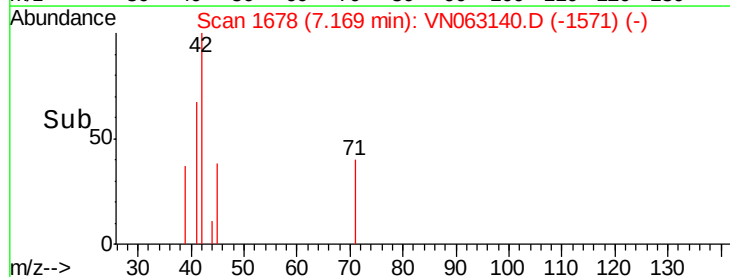
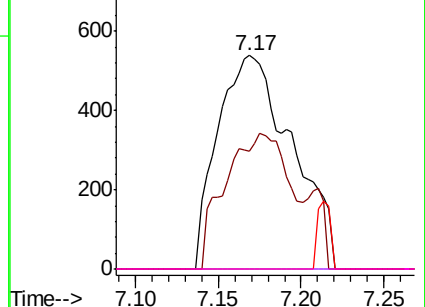


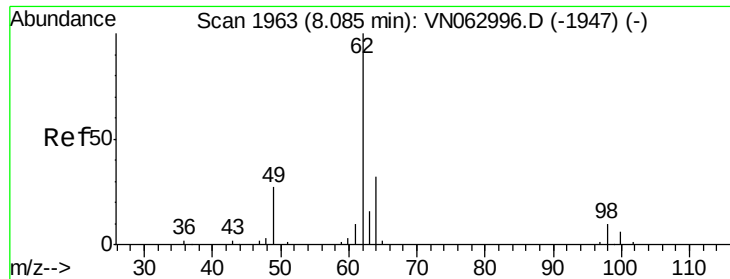
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

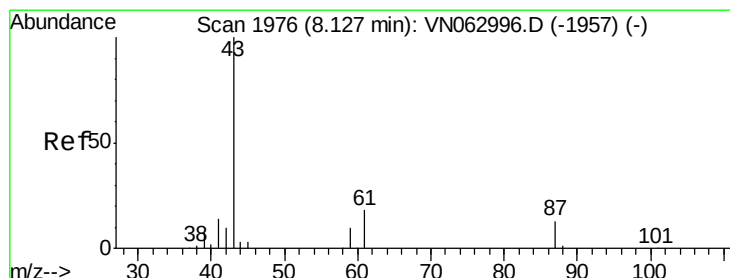
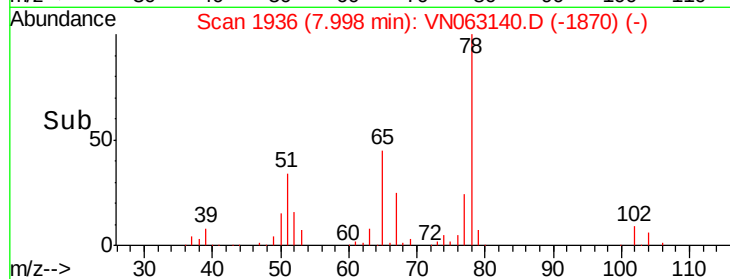
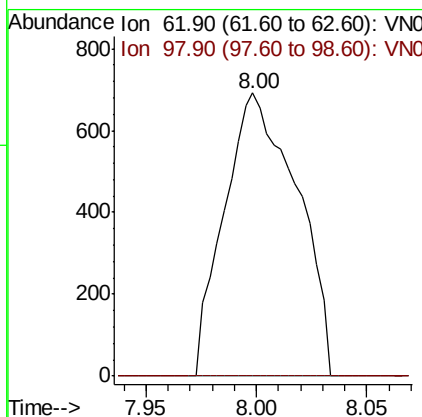
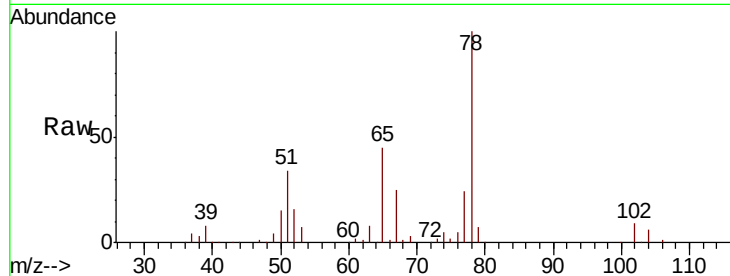




#42
 1,2-Dichloroethane
 Concen: 0.621 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.09 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

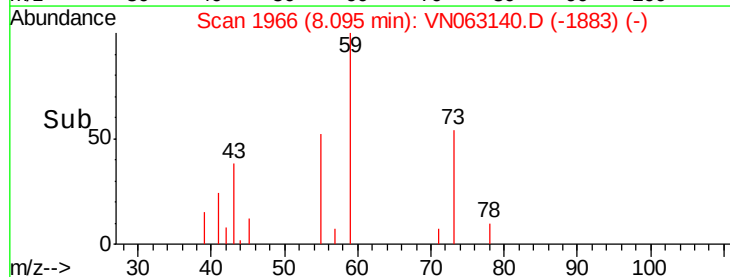
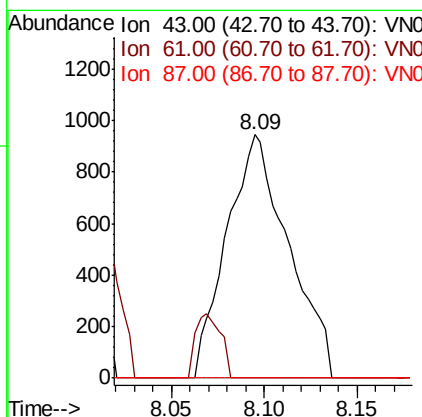
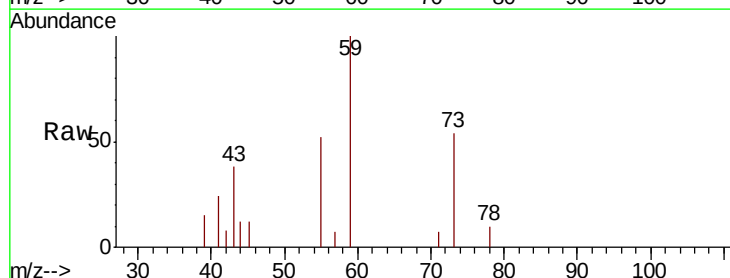
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

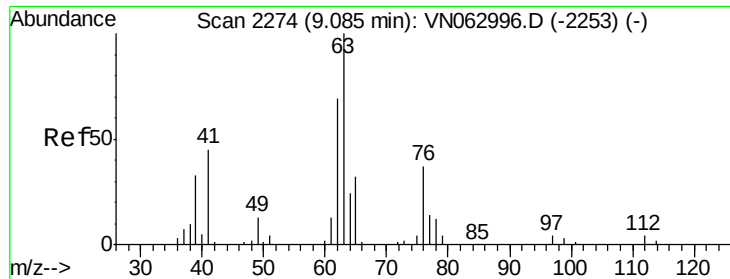
Tot Ion: 62 Resp: 1577
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 18.4



#43
 Isopropyl Acetate
 Concen: 0.591 ug/l
 RT: 8.09 min Scan# 1966
 Delta R.T. -0.03 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

Tgt Ion: 43 Resp: 2188
 Ion Ratio Lower Upper
 43 100
 61 0.0 22.6 33.8#
 87 0.0 10.5 15.7#

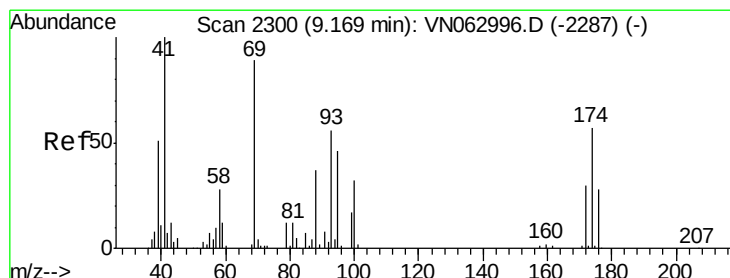
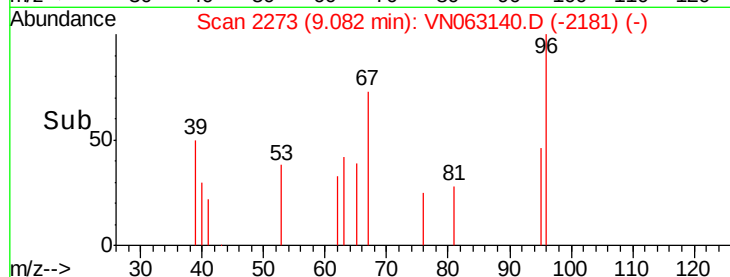
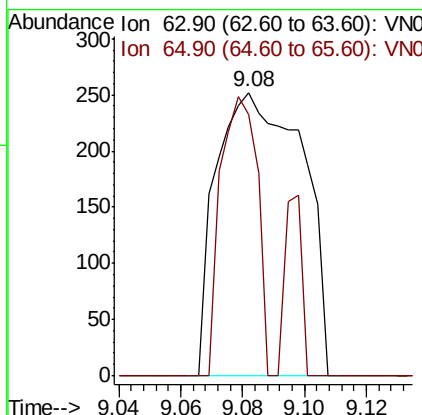
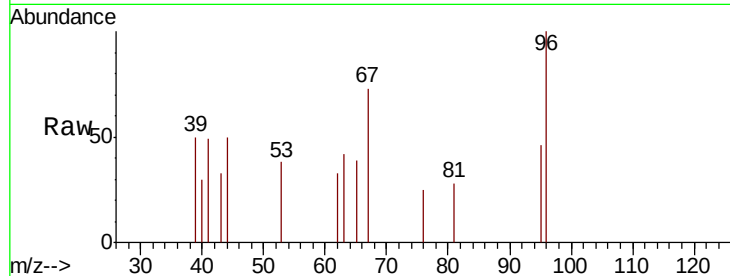




#45
 1,2-Dichloropropane
 Concen: 0.223 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

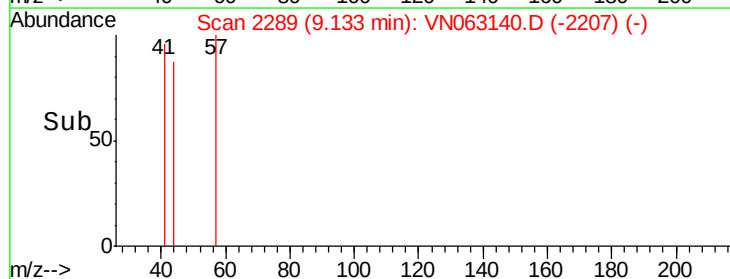
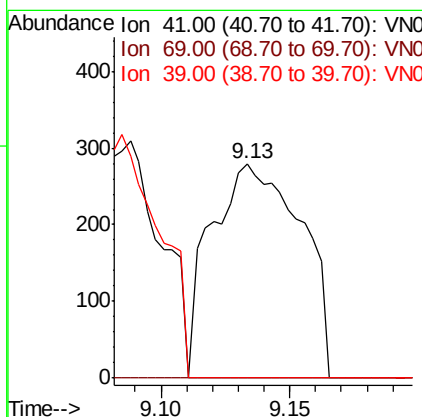
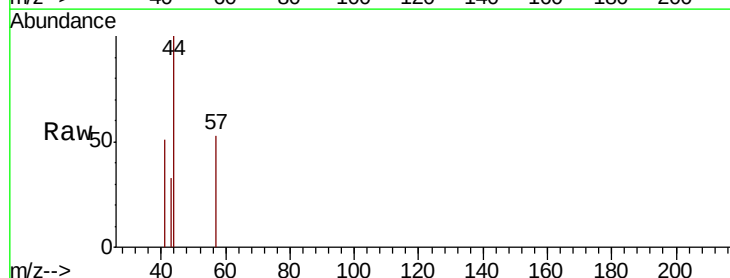
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-2

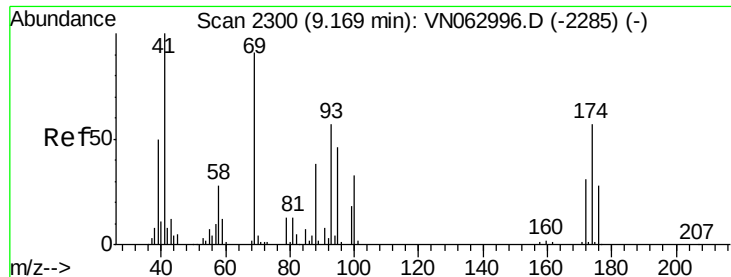
Tot Ion: 63 Resp: 488
 Ion Ratio Lower Upper
 63 100
 65 92.5 25.6 38.4#



#48
 Methyl methacrylate
 Concen: 0.388 ug/l
 RT: 9.13 min Scan# 2289
 Delta R.T. -0.04 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

Tgt Ion: 41 Resp: 679
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.2 111.4#
 39 0.0 42.5 63.7#

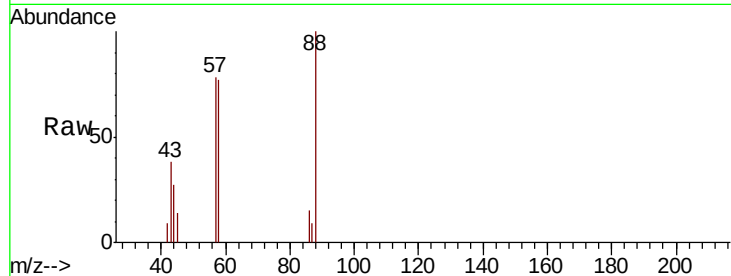




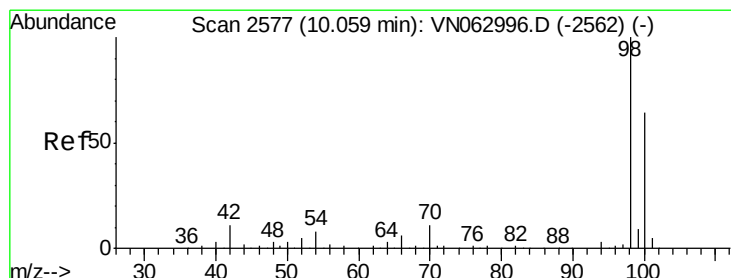
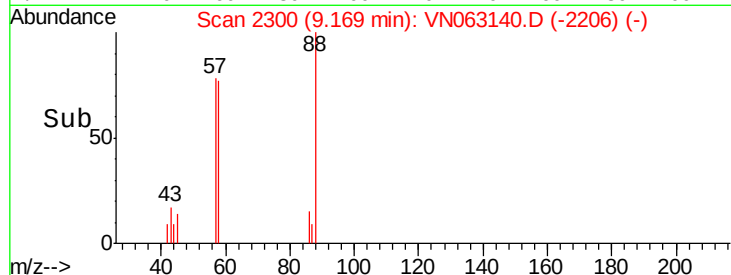
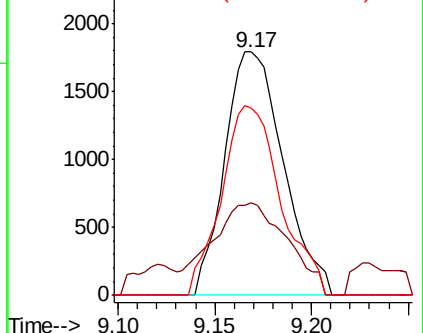
#49
1,4-Dioxane
Concen: 111.777 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tot Ion: 88 Resp: 3775
Ion Ratio Lower Upper
88 100
43 49.7 25.2 37.8#
58 78.6 56.7 85.1

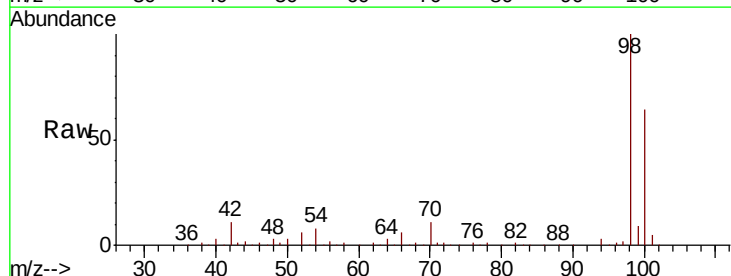


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

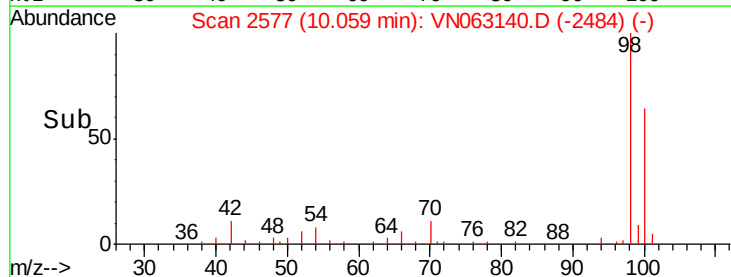
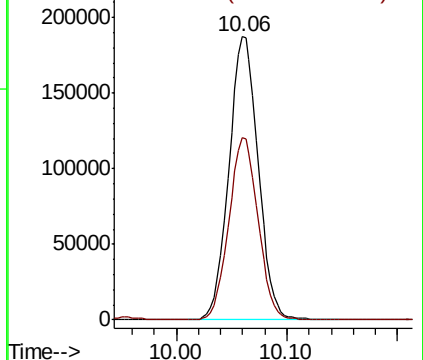


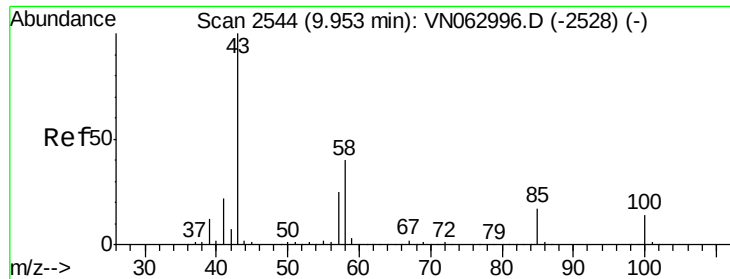
#50
Toluene-d8
Concen: 50.885 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Tgt Ion: 98 Resp: 344490
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



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

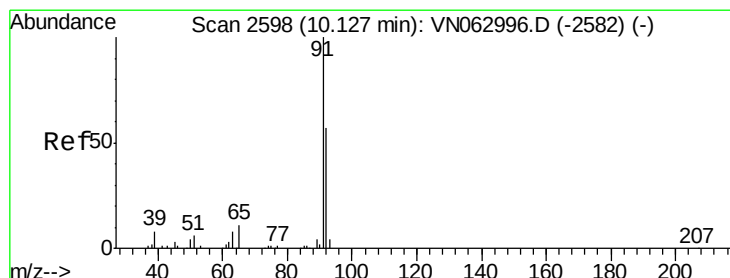
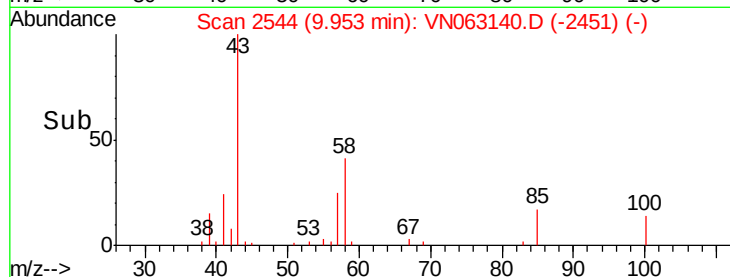
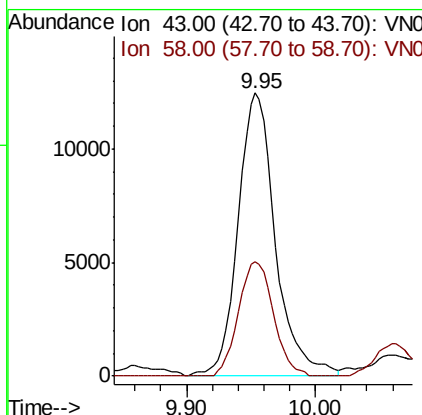
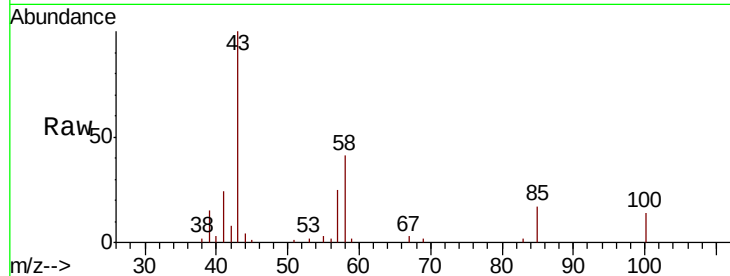




#51
4-Methyl-2-Pentanone
Concen: 10.743 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

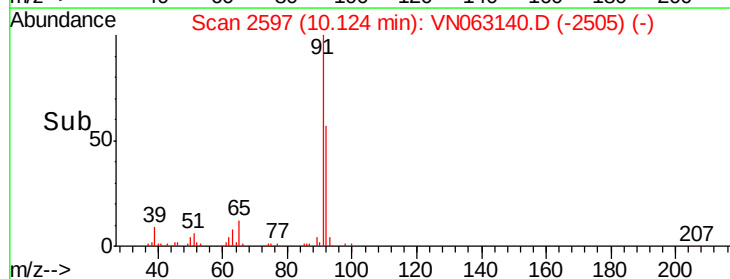
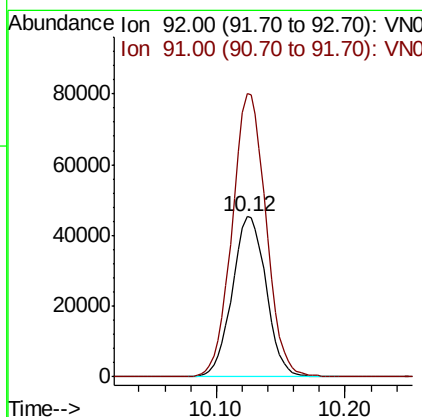
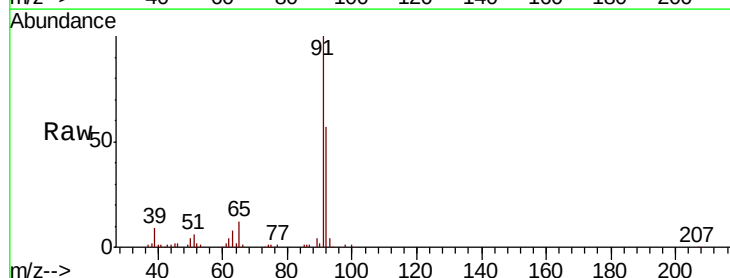
Instrument :
MSVOA_N
ClientSampled :
COMP-2

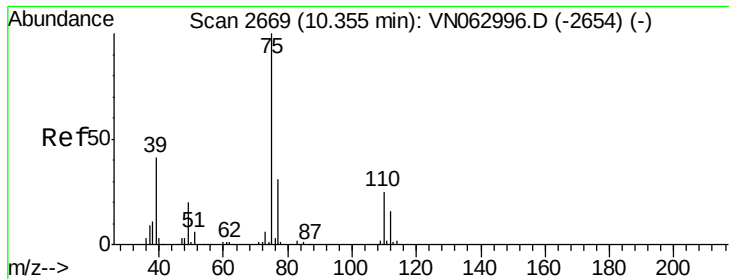
Tot Ion: 43 Resp: 25127
Ion Ratio Lower Upper
43 100
58 37.8 32.2 48.2



#52
Toluene
Concen: 18.156 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Tgt Ion: 92 Resp: 82802
Ion Ratio Lower Upper
92 100
91 177.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 0.273 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.23 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampleId :

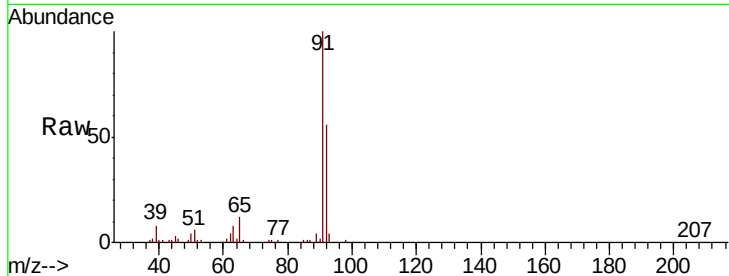
COMP-2

Tot Ion: 75 Resp: 781

Ion Ratio Lower Upper

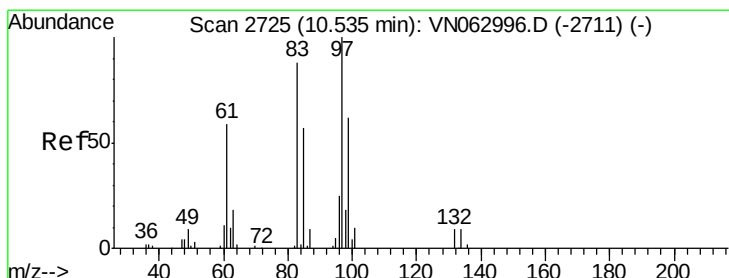
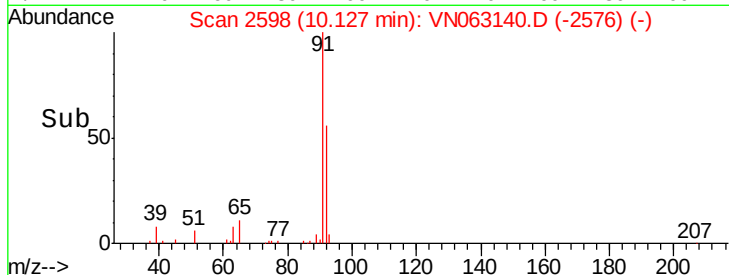
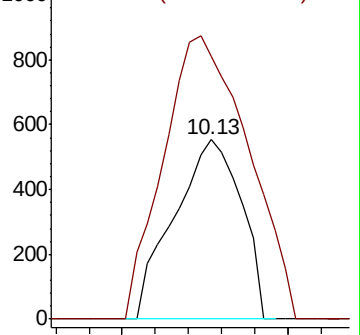
75 100

77 146.2 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO



#55

1,1,2-Trichloroethane

Concen: 0.567 ug/l

RT: 10.39 min Scan# 2679

Delta R.T. -0.15 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Tgt Ion: 97 Resp: 1105

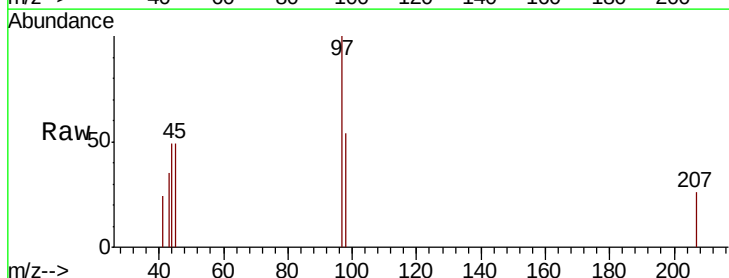
Ion Ratio Lower Upper

97 100

83 0.0 70.5 105.7#

85 0.0 45.8 68.6#

99 0.0 49.7 74.5#

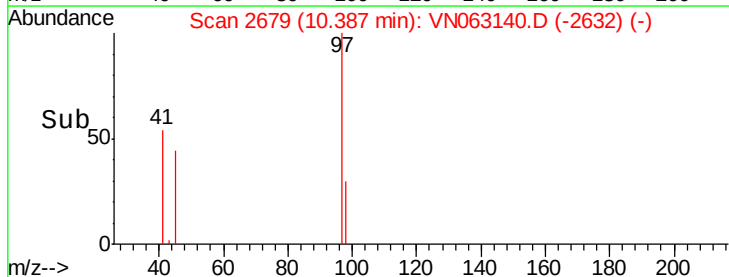
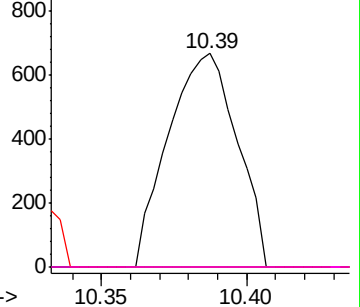


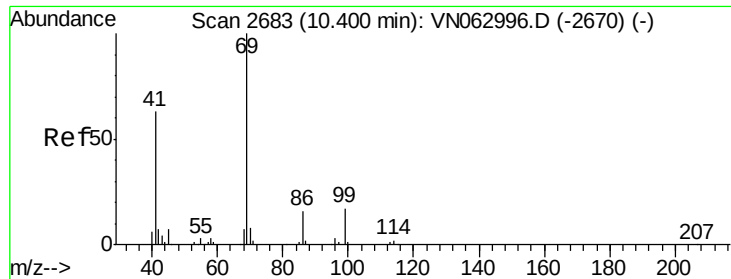
Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO





#56

Ethyl methacrylate

Concen: 2.716 ug/l

RT: 10.33 min Scan# 2661

Delta R.T. -0.07 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampled :

COMP-2

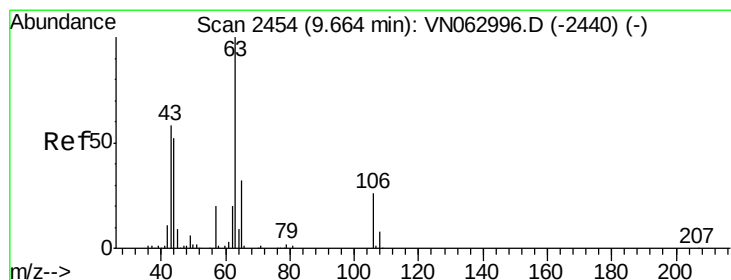
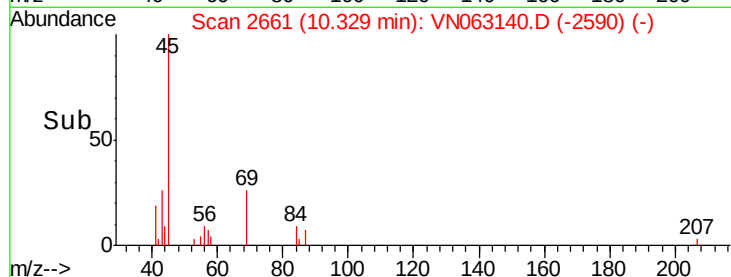
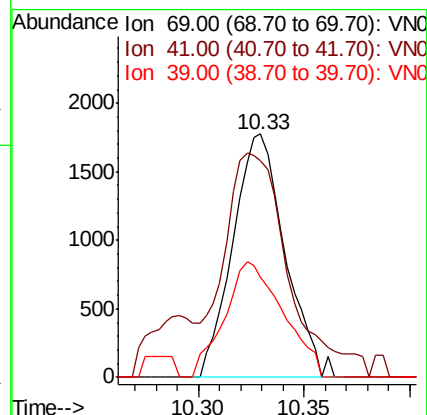
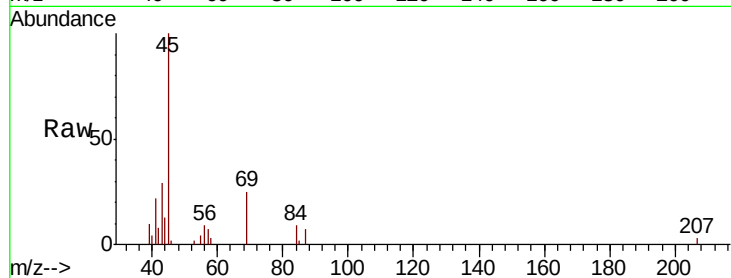
Tot Ion: 69 Resp: 3043

Ion Ratio Lower Upper

69 100

41 114.2 50.2 75.2#

39 53.6 24.2 36.4#



#58

2-Chloroethyl Vinyl ether

Concen: 13.007 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.01 min

Lab File: VN063140.D

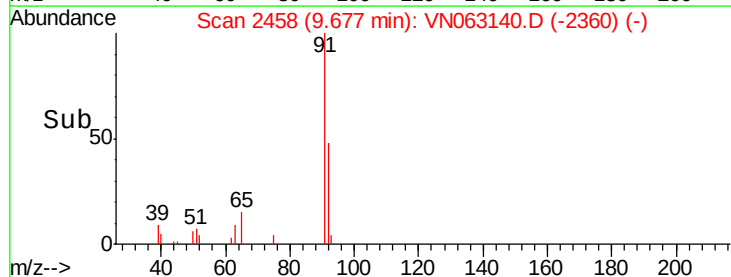
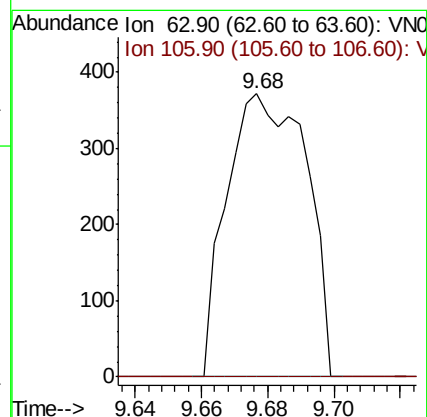
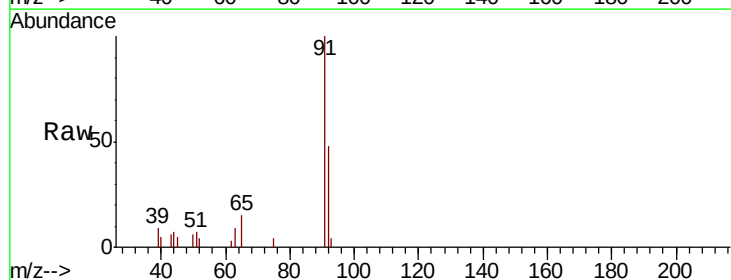
Acq: 26 Aug 2020 18:11

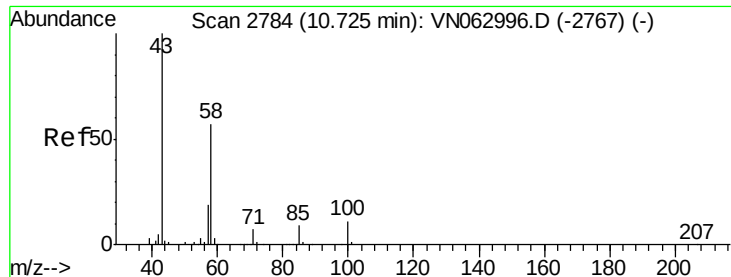
Tgt Ion: 63 Resp: 621

Ion Ratio Lower Upper

63 100

106 0.0 20.7 31.1#

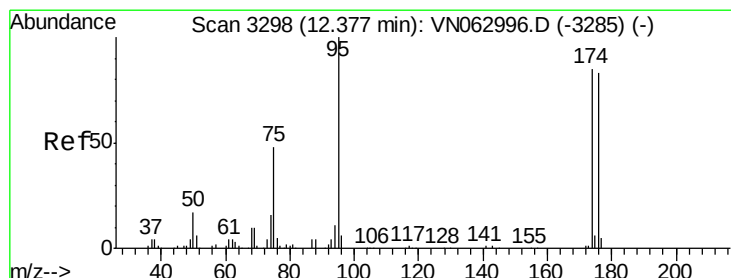
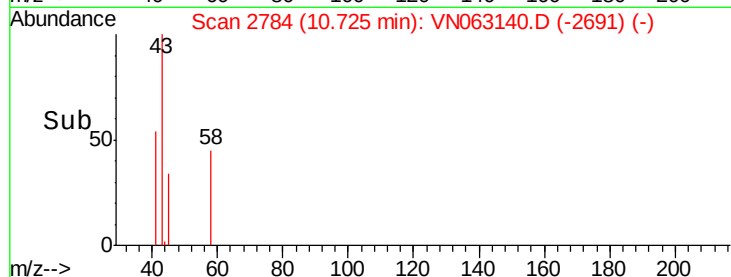
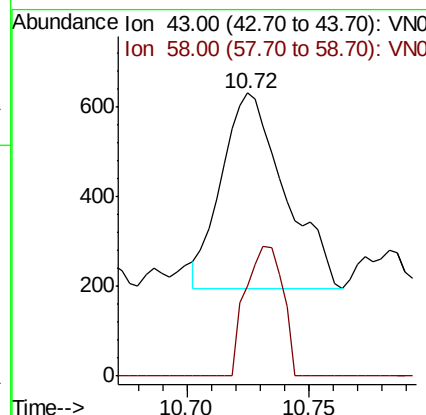
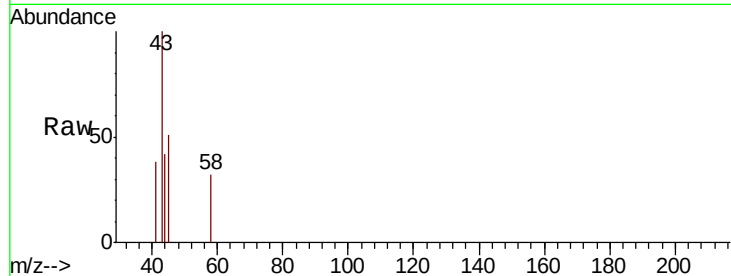




#59
2-Hexanone
Concen: 0.484 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

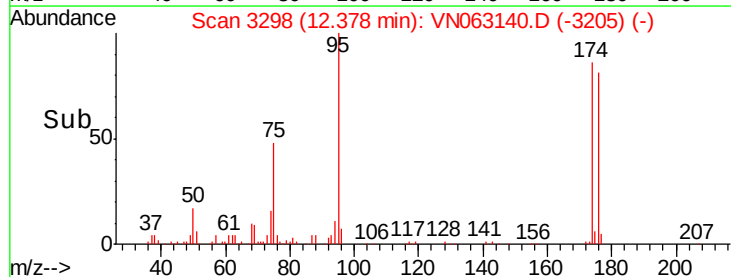
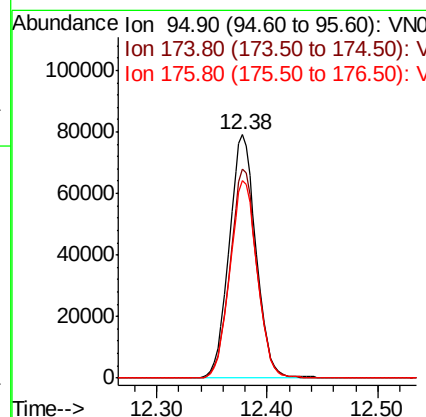
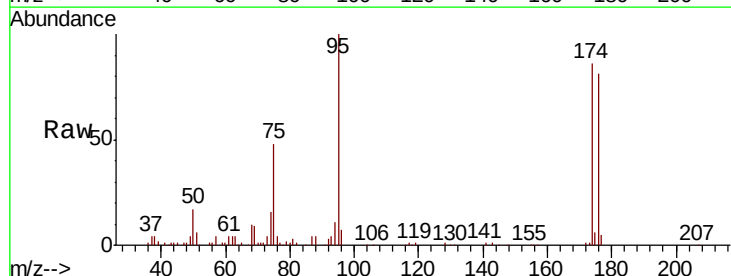
Instrument :
MSVOA_N
ClientSampled :
COMP-2

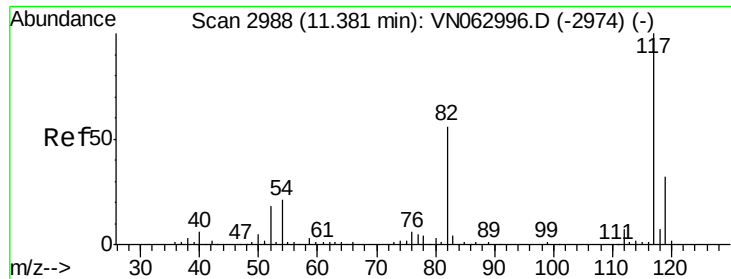
Tot Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 38.5 28.1 84.3



#62
4-Bromofluorobenzene
Concen: 55.848 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Tgt Ion: 95 Resp: 133420
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.8
176 82.1 0.0 164.8

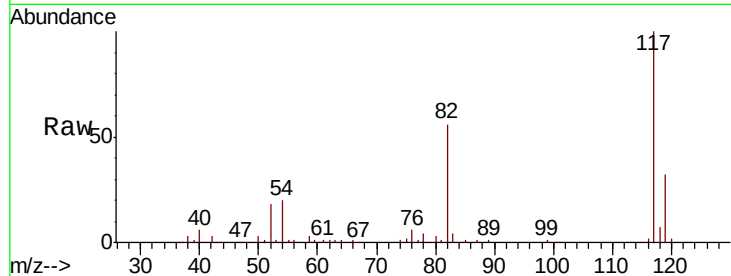




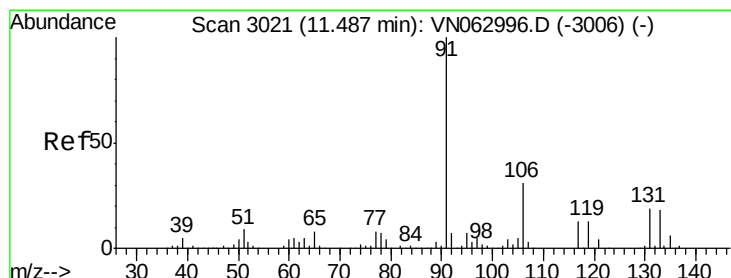
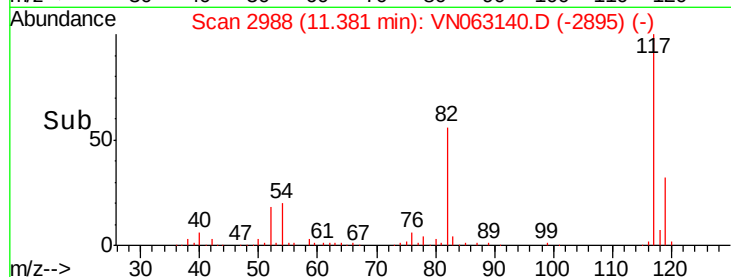
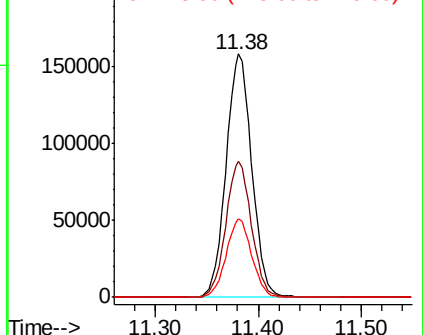
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Instrument :
MSVOA_N
ClientSampled :
COMP-2

Tot Ion:117 Resp: 275773
Ion Ratio Lower Upper
117 100
82 56.0 44.5 66.7
119 32.3 25.5 38.3

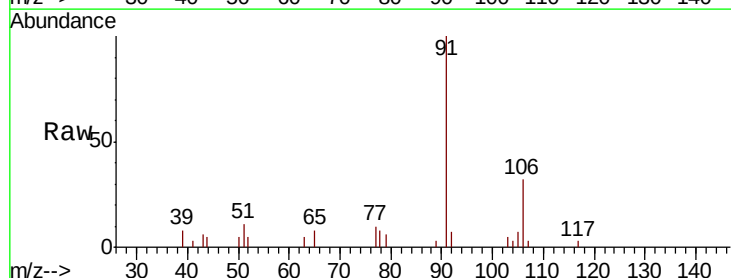


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

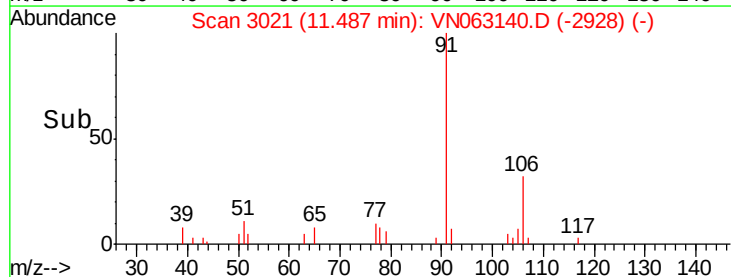
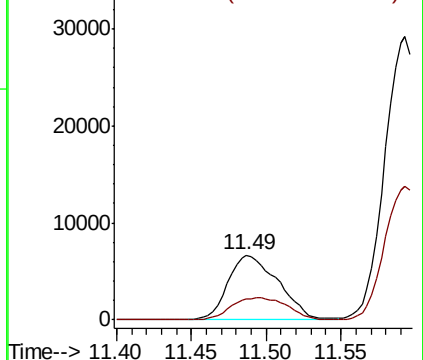


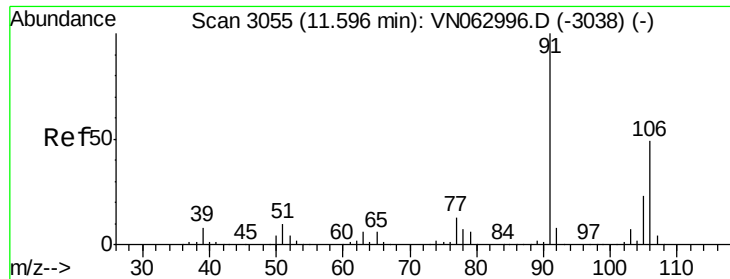
#67
Ethyl Benzene
Concen: 1.675 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Tgt Ion: 91 Resp: 15673
Ion Ratio Lower Upper
91 100
106 32.2 24.6 37.0



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

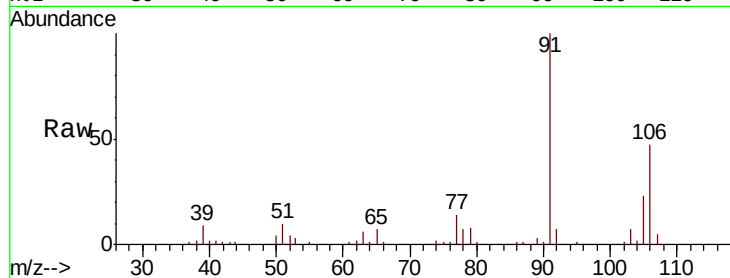




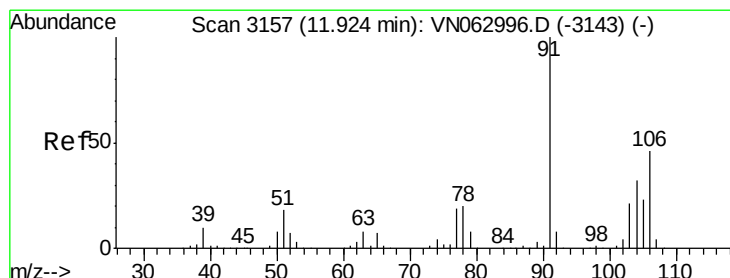
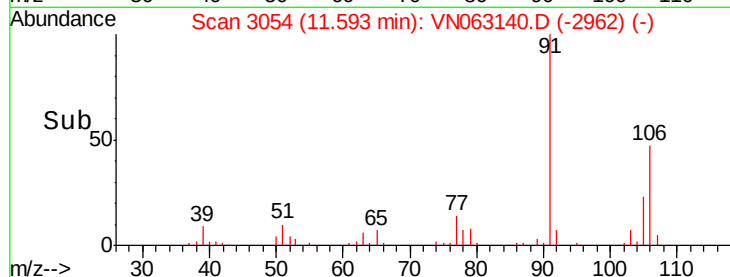
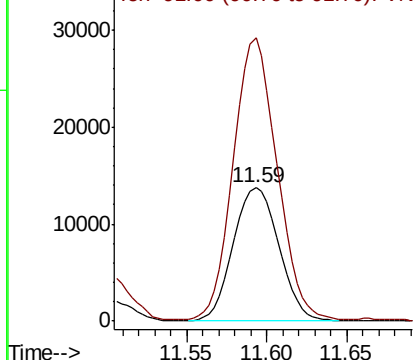
#68
m/p-Xylenes
Concen: 7.760 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Instrument :
MSVOA_N
ClientSampled :
COMP-2

Tot Ion:106 Resp: 26990
Ion Ratio Lower Upper
106 100
91 200.3 163.0 244.4

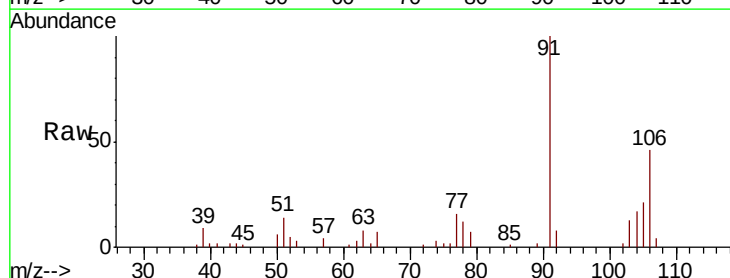


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

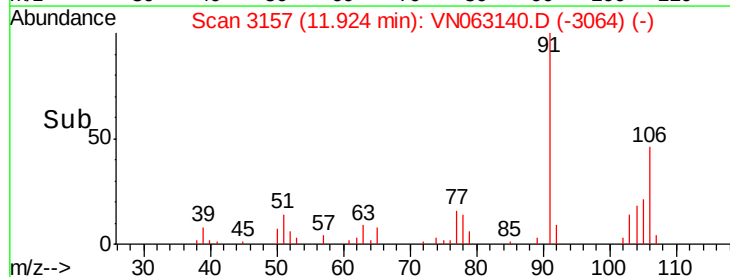
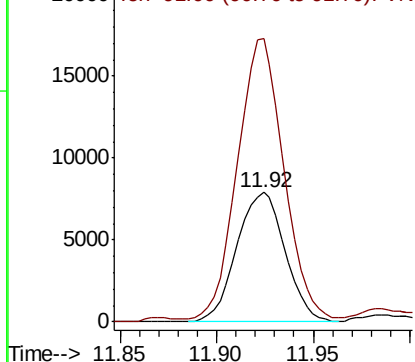


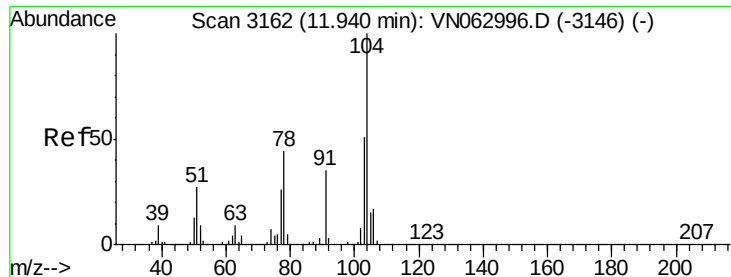
#69
o-Xylene
Concen: 4.106 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Tgt Ion:106 Resp: 13716
Ion Ratio Lower Upper
106 100
91 205.7 107.3 321.9



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





#70

Stvrene

Concen: 3.550 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. 0.00 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampled :

COMP-2

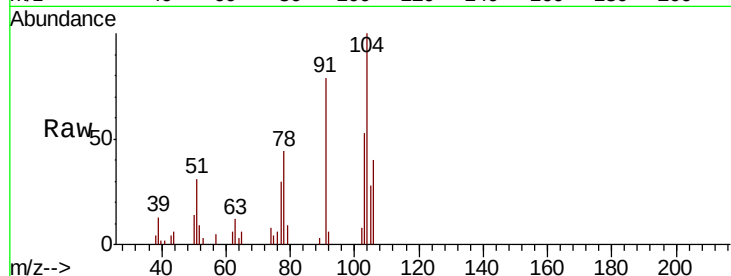
Tot Ion:104 Resp: 11210

Ion Ratio Lower Upper

104 100

78 57.3 39.0 58.6

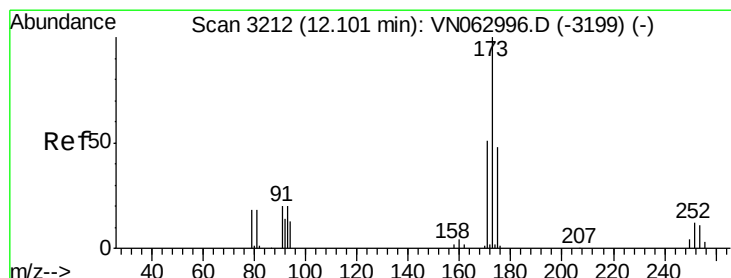
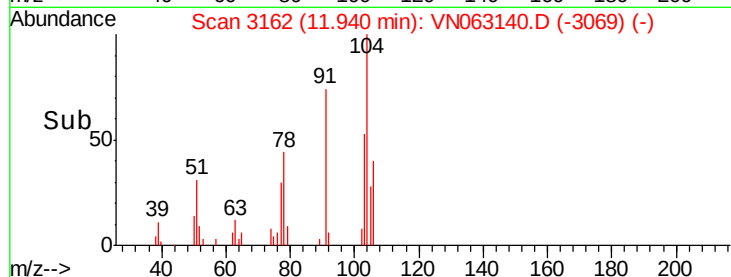
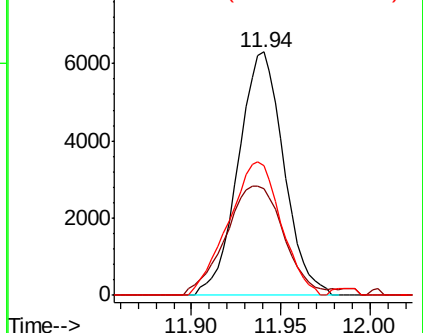
103 63.3 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.559 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

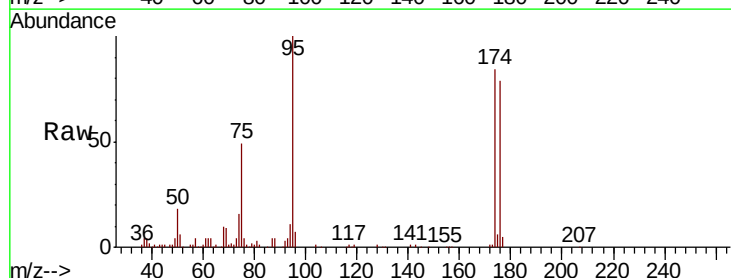
Tgt Ion:173 Resp: 958

Ion Ratio Lower Upper

173 100

175 740.2 24.3 72.8#

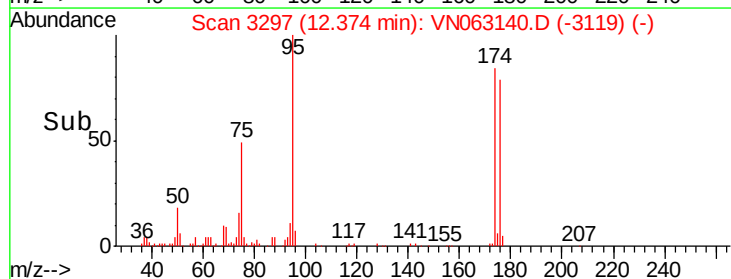
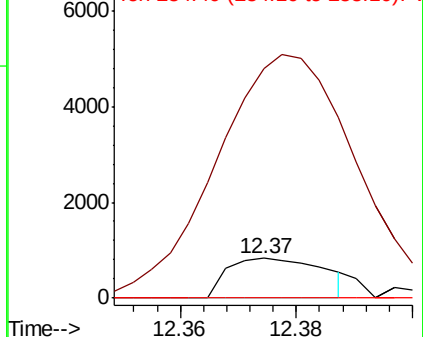
254 0.0 0.0 0.0

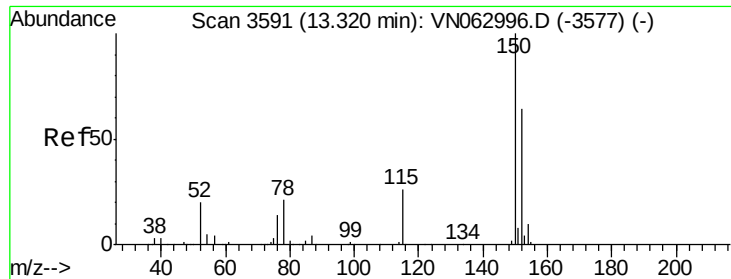


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

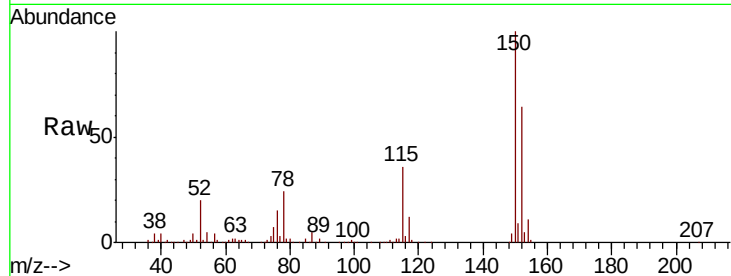
Tot Ion:152 Resp: 132847

Ion Ratio Lower Upper

152 100

115 58.1 28.7 86.3

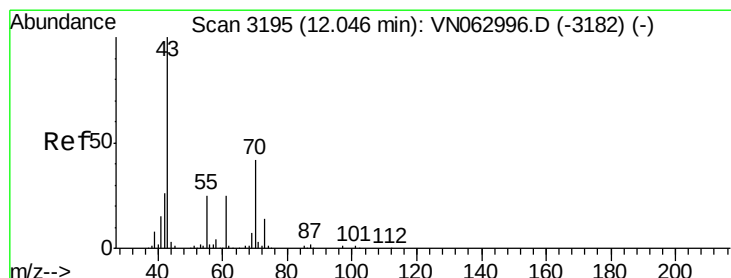
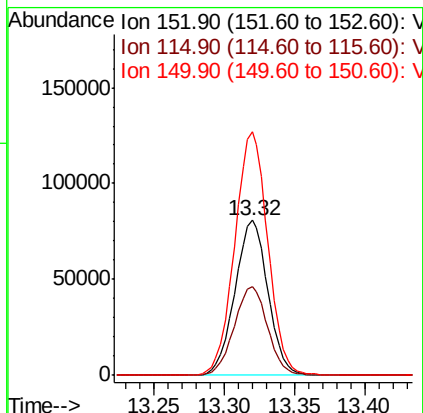
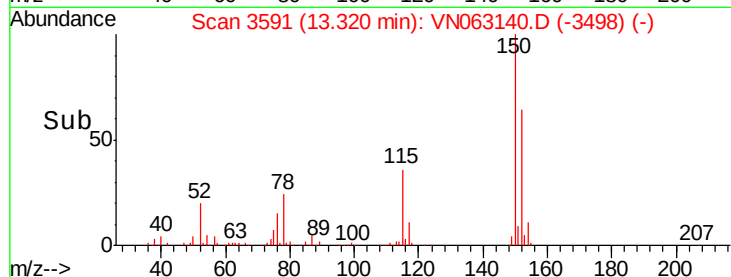
150 156.9 0.0 348.8



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



#74

N-ethyl acetate

Concen: 0.238 ug/l

RT: 12.01 min Scan# 3183

Delta R.T. -0.04 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Tgt Ion: 43 Resp: 776

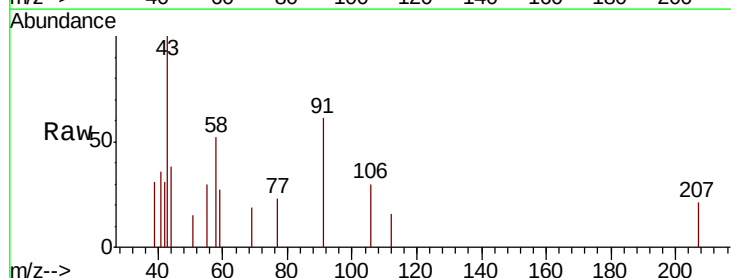
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 20.2 30.2#

61 0.0 19.9 29.9#

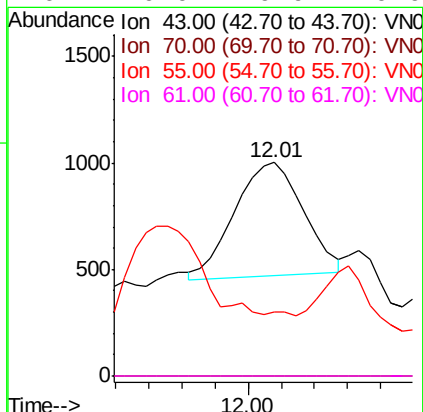
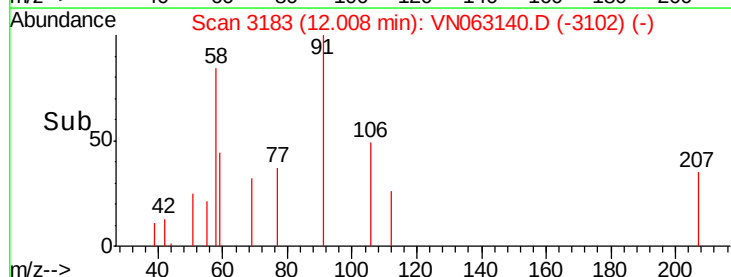


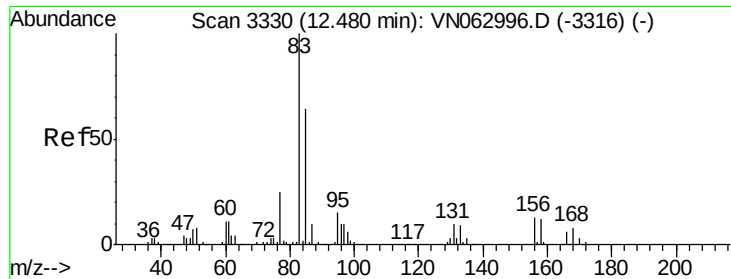
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.45 min Scan# 3319

Delta R.T. -0.03 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

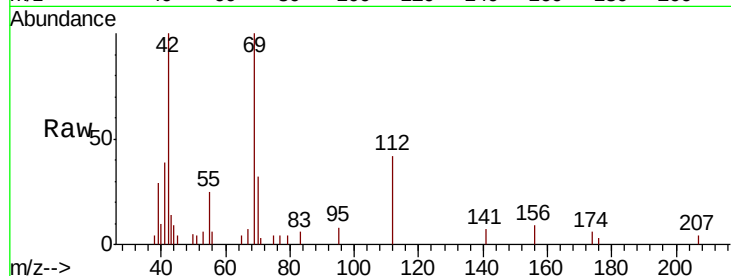
Tot Ion: 83 Resp: 234

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 31.9 95.5#



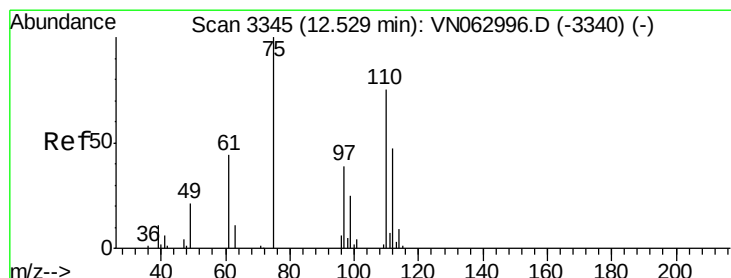
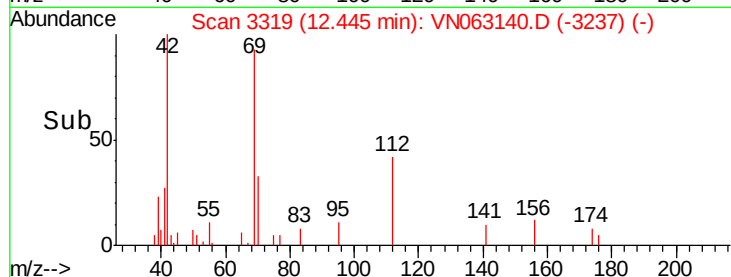
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.45

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.848 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063140.D

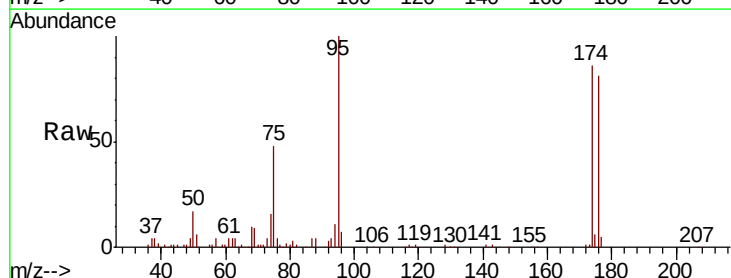
Acq: 26 Aug 2020 18:11

Tgt Ion: 75 Resp: 64164

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

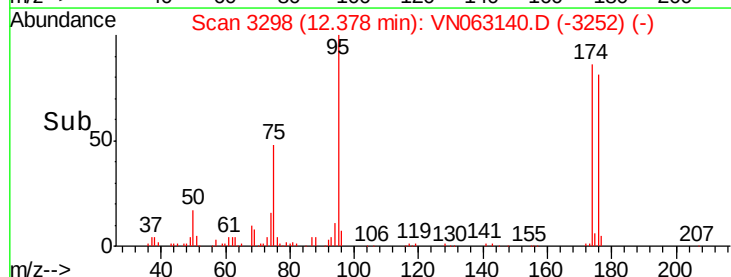


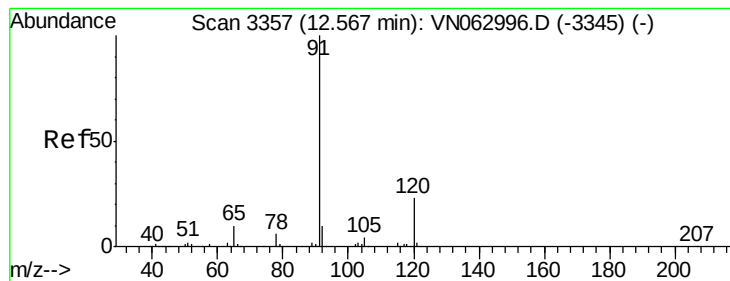
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

Time-->





#78

n-propylbenzene

Concen: 0.431 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampled :

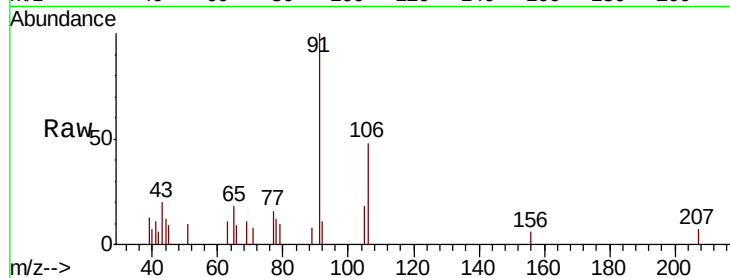
COMP-2

Tot Ion: 91 Resp: 4474

Ion Ratio Lower Upper

91 100

120 0.0 11.4 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3345) (-)

Ion 120.00 (119.70 to 120.70): VN062996.D (-3345) (-)

3000

2500

2000

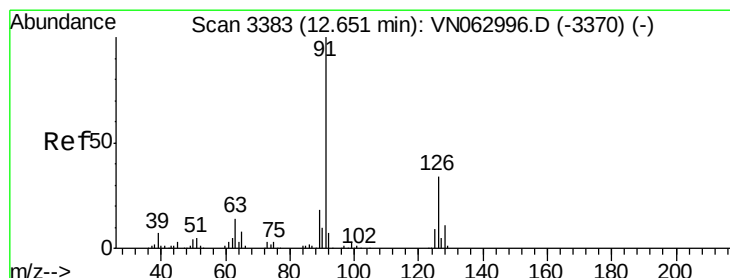
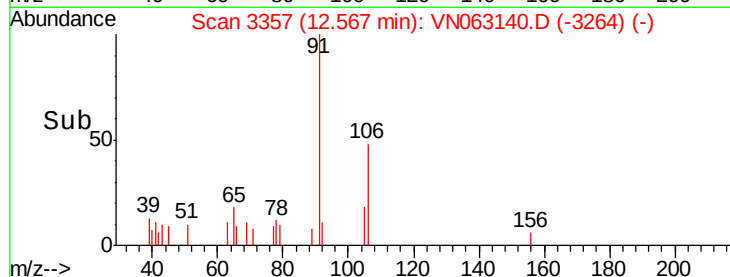
1500

1000

500

0

Time--> 12.50 12.55 12.60



#79

2-Chlorotoluene

Concen: 0.219 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.23 min

Lab File: VN063140.D

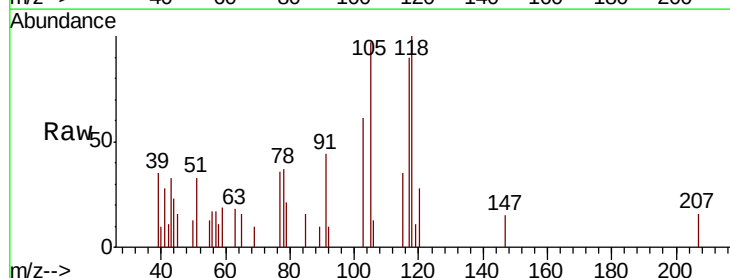
Acq: 26 Aug 2020 18:11

Tgt Ion: 91 Resp: 1431

Ion Ratio Lower Upper

91 100

126 21.9 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062996.D (-3370) (-)

800

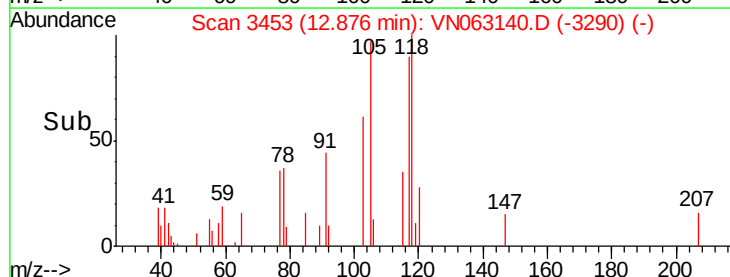
600

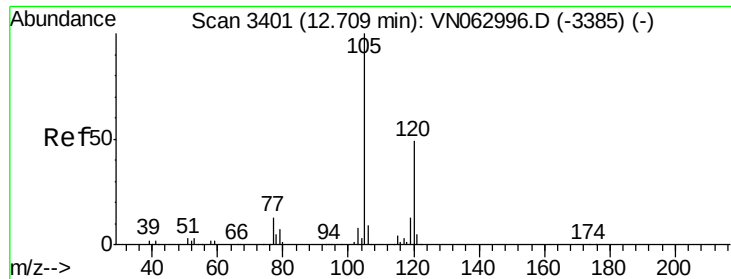
400

200

0

Time--> 12.85 12.90

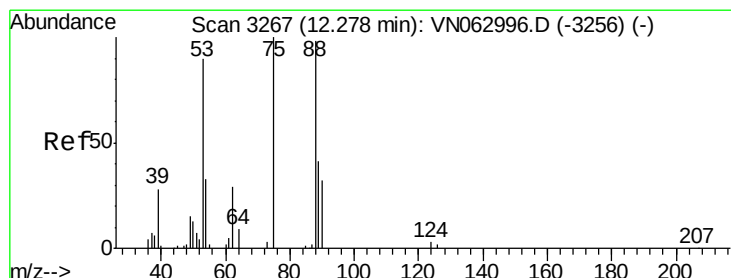
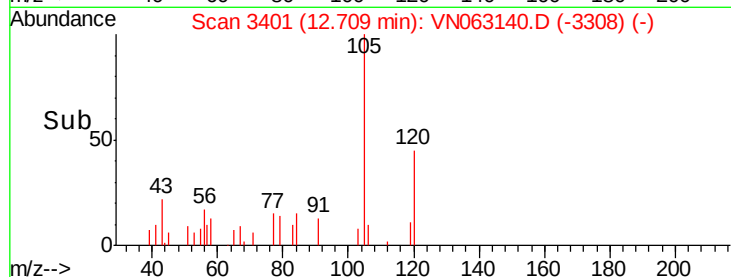
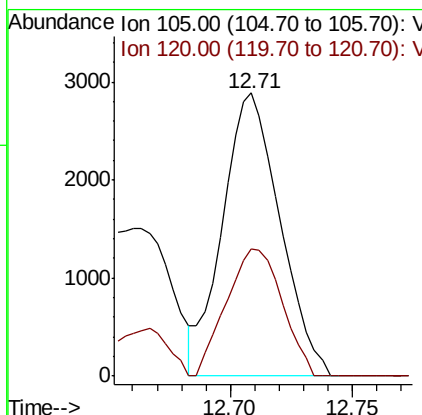
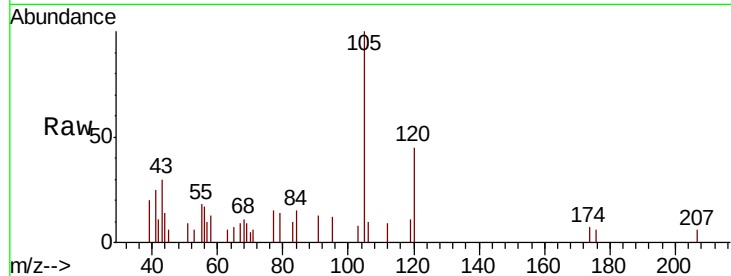




#80
 1,3,5-Trimethylbenzene
 Concen: 0.628 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

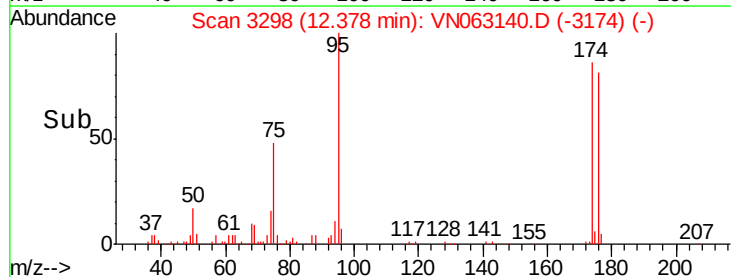
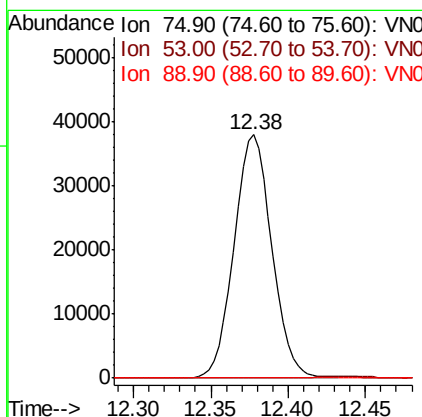
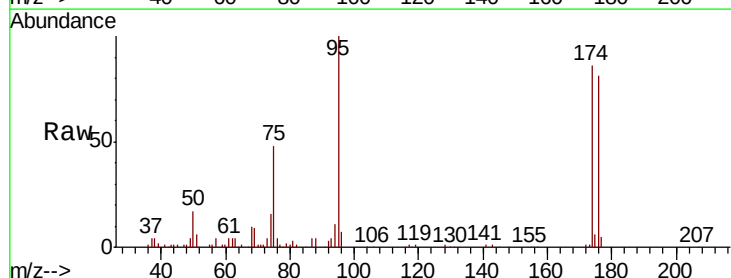
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

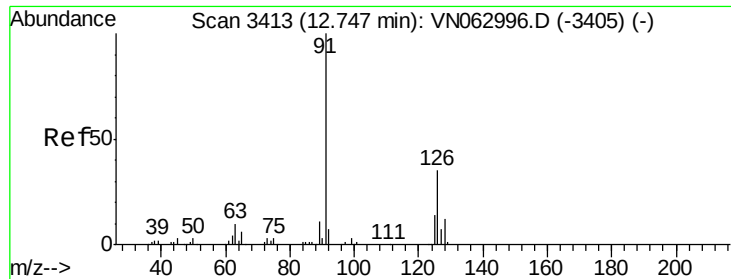
Tot Ion:105 Resp: 4722
 Ion Ratio Lower Upper
 105 100
 120 43.6 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.244 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

Tgt Ion: 75 Resp: 64164
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.2 103.8#
 89 0.0 34.2 51.4#





#82

4-Chlorotoluene

Concen: 0.215 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.13 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampleId :

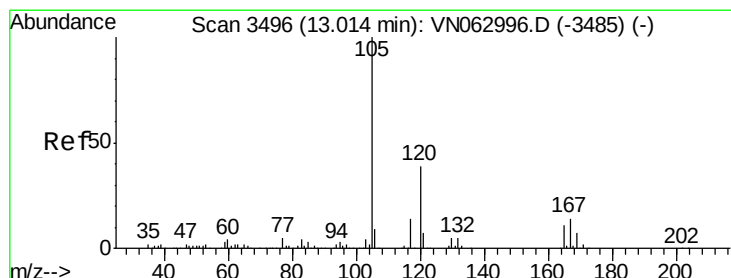
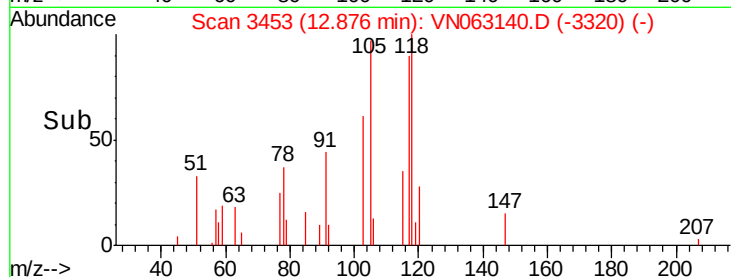
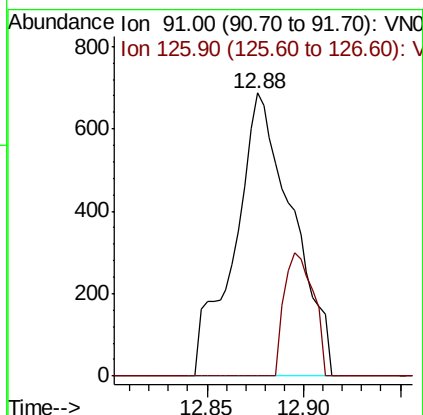
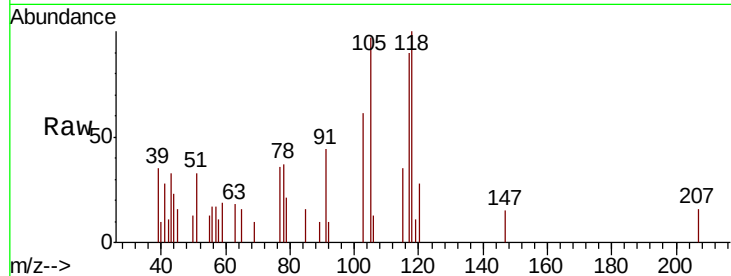
COMP-2

Tot Ion: 91 Resp: 1431

Ion Ratio Lower Upper

91 100

126 21.9 16.5 49.5



#84

1,2,4-Trimethylbenzene

Concen: 4.723 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN063140.D

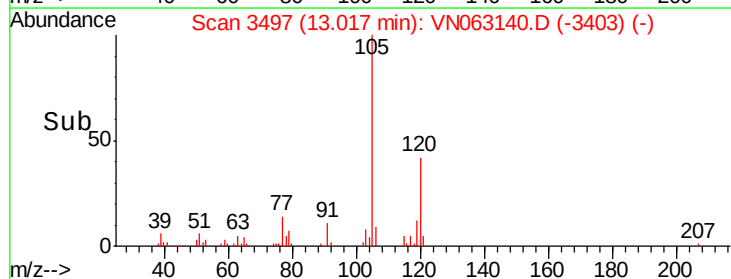
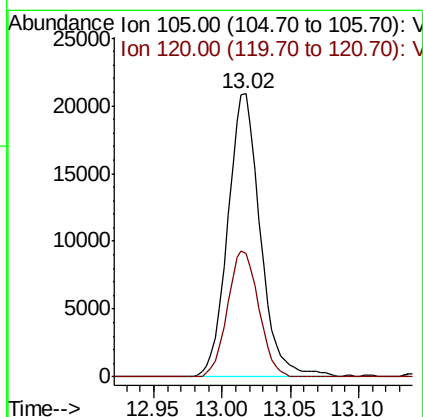
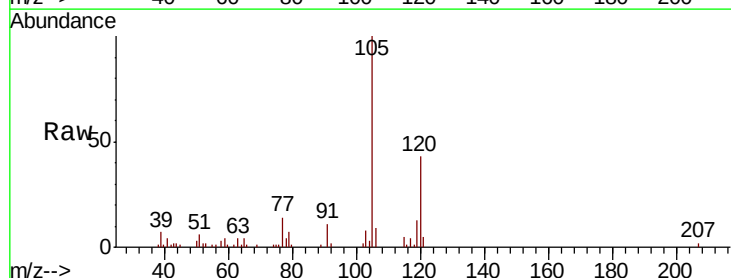
Acq: 26 Aug 2020 18:11

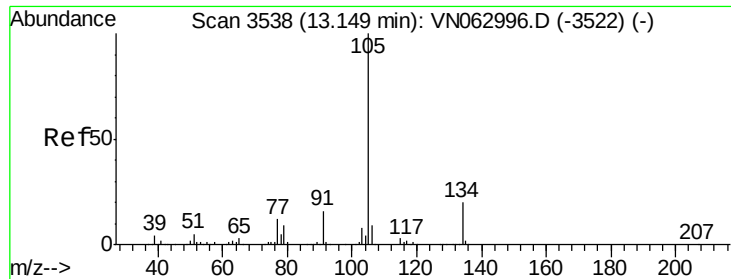
Tgt Ion: 105 Resp: 34600

Ion Ratio Lower Upper

105 100

120 42.5 22.5 67.5

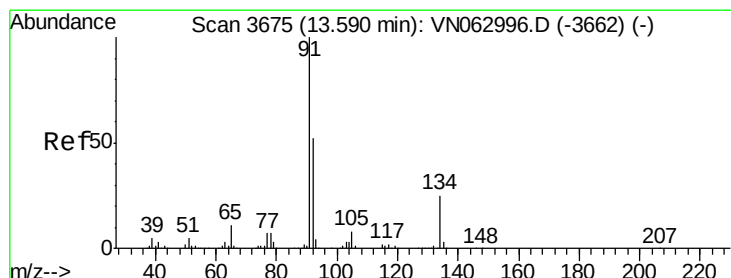
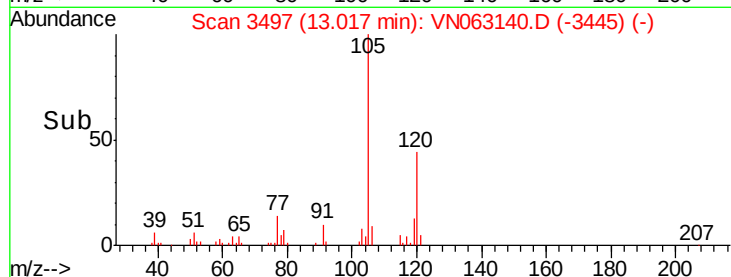
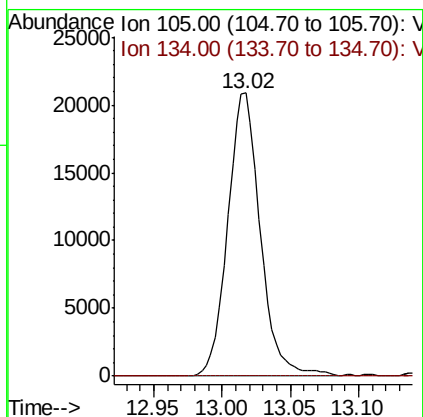
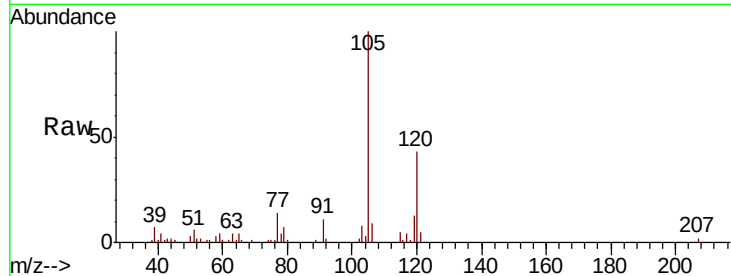




#85
 sec-Butylbenzene
 Concen: 3.944 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.13 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

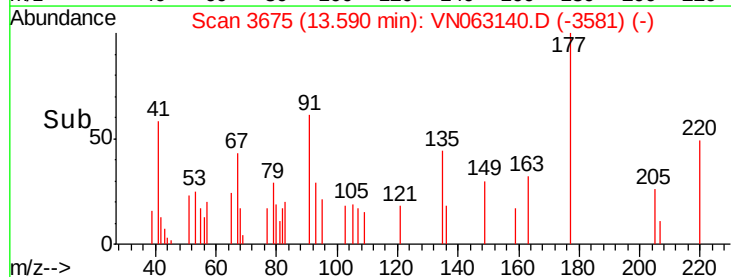
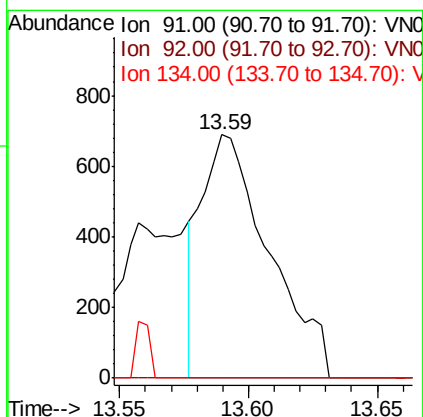
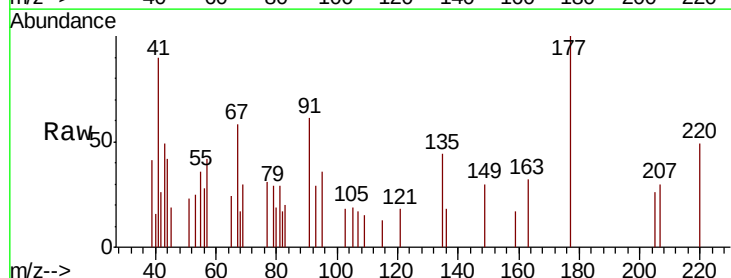
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

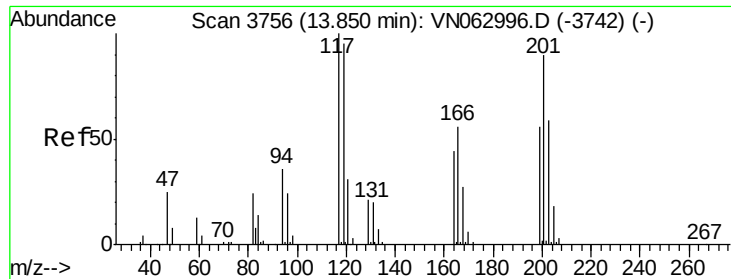
Tot Ion:105 Resp: 34600
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#89
 n-Butylbenzene
 Concen: 2.935 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN063140.D
 Acq: 26 Aug 2020 18:11

Tgt Ion: 91 Resp: 1257
 Ion Ratio Lower Upper
 91 100
 92 0.0 25.9 77.6#
 134 0.0 12.4 37.0#





#90

Hexachloroethane

Concen: 0.223 ug/l

RT: 13.83 min Scan# 3750

Delta R.T. -0.02 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

Instrument :

MSVOA_N

ClientSampled :

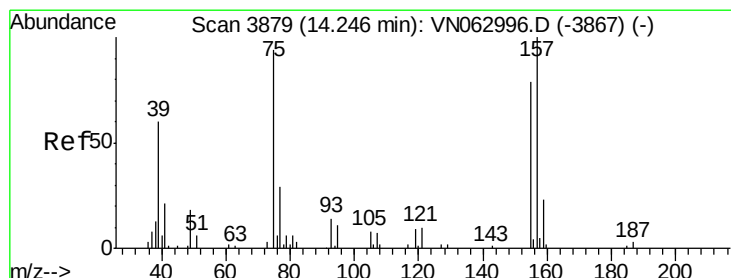
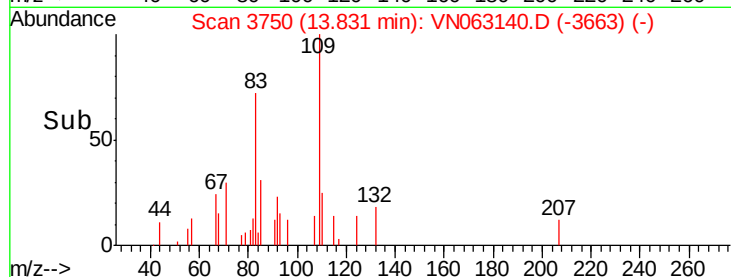
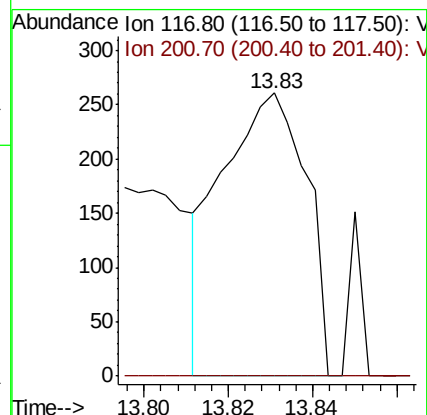
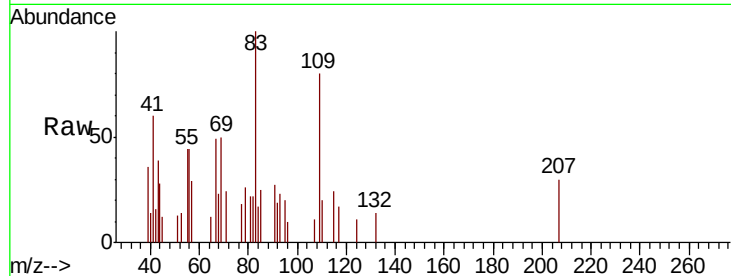
COMP-2

Tot Ion:117 Resp: 363

Ion Ratio Lower Upper

117 100

201 0.0 44.1 132.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.513 ug/l

RT: 14.07 min Scan# 3824

Delta R.T. -0.18 min

Lab File: VN063140.D

Acq: 26 Aug 2020 18:11

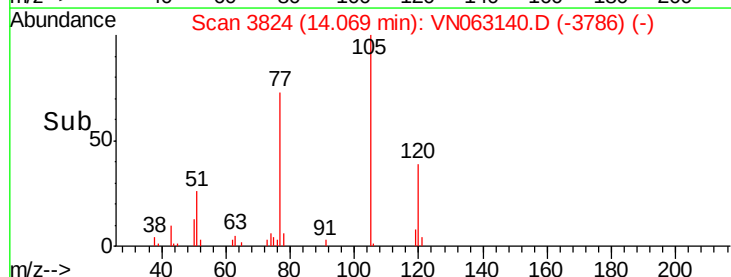
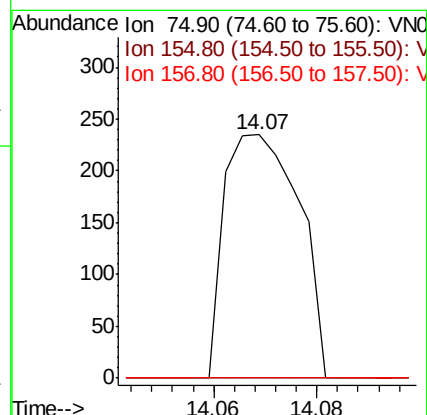
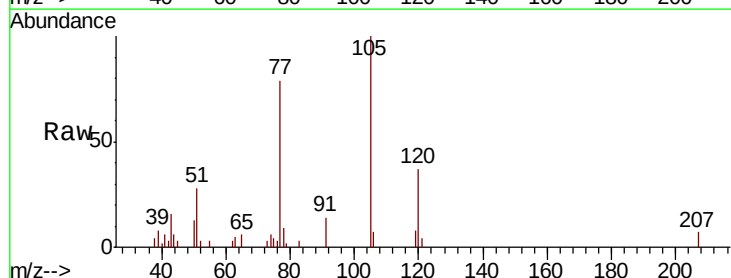
Tgt Ion: 75 Resp: 235

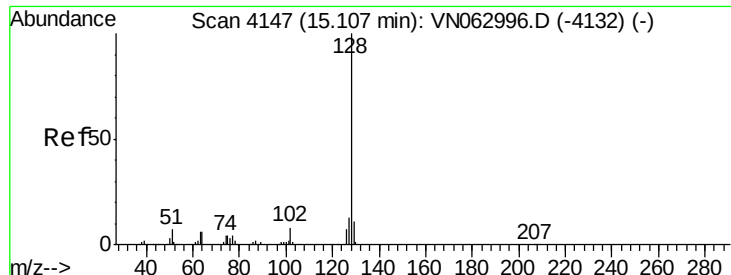
Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

157 0.0 55.2 165.6#

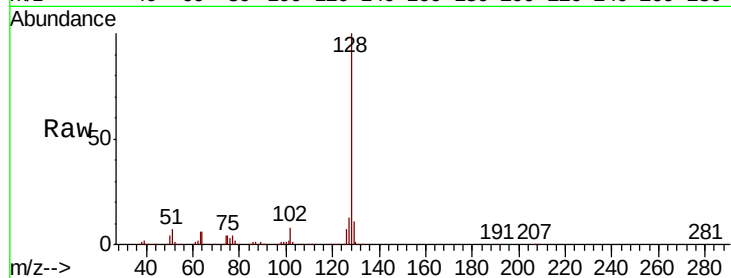




#95
Naphthalene
Concen: 79.908 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063140.D
Acq: 26 Aug 2020 18:11

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.9	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

