

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063139.D
 Acq On : 26 Aug 2020 17:47
 Operator : JC/MD
 Sample : L3792-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: Aug 27 00:55:00 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	161745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	273038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	279330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	99815	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.55	113	88450	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.06	98	347838	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.38	95	134826	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	

Target Compounds

						Qvalue
3) Chloromethane	2.03	50	589	0.266	ug/l #	42
11) Tert butyl alcohol	4.73	59	77755	286.357	ug/l	99
14) Allyl chloride	4.22	41	999	0.413	ug/l #	28
15) Acrylonitrile	4.73	53	625	0.783	ug/l #	14
16) Acetone	3.78	43	260164	438.164	ug/l	99
17) Carbon Disulfide	4.01	76	832	0.231	ug/l #	76
18) Methyl Acetate	4.02	43	17889	9.390	ug/l #	52
20) Methylene Chloride	4.52	84	1576	Below Cal	#	72
25) 2-Butanone	6.79	43	10962	10.771	ug/l	98
26) 2,2-Dichloropropane	6.77	77	593	0.246	ug/l #	52
29) Tetrahydrofuran	7.18	42	1607	2.447	ug/l #	88
31) Cyclohexane	7.63	56	3501	1.239	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11595	4.819	ug/l #	48
37) Ethyl Acetate	6.89	43	942	0.418	ug/l #	68
38) Carbon Tetrachloride	7.63	117	14805	6.095	ug/l #	17
39) Methylcyclohexane	9.05	83	305	1.653	ug/l #	62
40) Benzene	8.00	78	115391	15.120	ug/l	99
41) Methacrylonitrile	7.18	41	1335	1.243	ug/l #	26
43) Isopropyl Acetate	8.09	43	1928	0.516	ug/l #	53
48) Methyl methacrylate	9.13	41	458	0.259	ug/l #	11
49) 1,4-Dioxane	9.17	88	3499	103.889	ug/l #	85
51) 4-Methyl-2-Pentanone	9.95	43	16299	6.904	ug/l	95
52) Toluene	10.13	92	56290	12.227	ug/l	99
53) t-1,3-Dichloropropene	10.13	75	586	0.203	ug/l #	1
55) 1,1,2-Trichloroethane	10.38	97	1271	0.646	ug/l #	14
56) Ethyl methacrylate	10.33	69	2800	2.630	ug/l #	62
58) 2-Chloroethyl Vinyl ether	9.68	63	623	13.002	ug/l #	49
59) 2-Hexanone	10.73	43	1481	0.899	ug/l #	26
67) Ethyl Benzene	11.49	91	12756	1.346	ug/l	97
68) m/p-Xylenes	11.59	106	24317	6.902	ug/l	98
69) o-Xylene	11.92	106	11723	3.465	ug/l	99
70) Styrene	11.94	104	10309	3.400	ug/l	87
71) Bromoform	12.37	173	1110	0.639	ug/l #	1
74) N-amyl acetate	12.01	43	1025	0.313	ug/l #	33

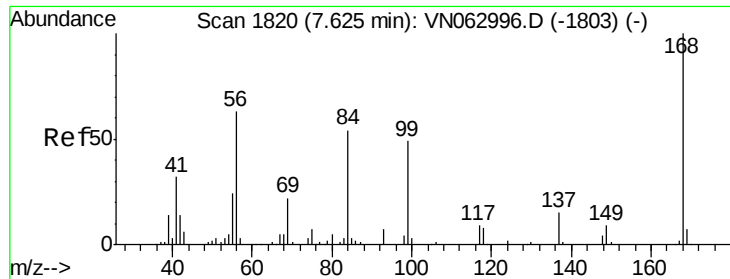
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063139.D
 Acq On : 26 Aug 2020 17:47
 Operator : JC/MD
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 COMP-1

Quant Time: Aug 27 00:55:00 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)
75) 1,1,2,2-Tetrachloroethane	12.45	83	66	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.38	75	64678	24.887	ug/l #	100
78) n-propylbenzene	12.57	91	4706	0.451	ug/l #	53
80) 1,3,5-Trimethylbenzene	12.71	105	3958	0.523	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.38	75	64678	68.351	ug/l #	15
83) tert-Butylbenzene	13.02	119	4190	0.641	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.02	105	32389	4.393	ug/l	97
85) sec-Butylbenzene	13.02	105	32389	3.669	ug/l #	57
89) n-Butylbenzene	13.59	91	440	2.828	ug/l #	34
90) Hexachloroethane	13.82	117	406	0.248	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.07	75	210	0.455	ug/l #	1
95) Naphthalene	15.10	128	369713	67.126	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampled :

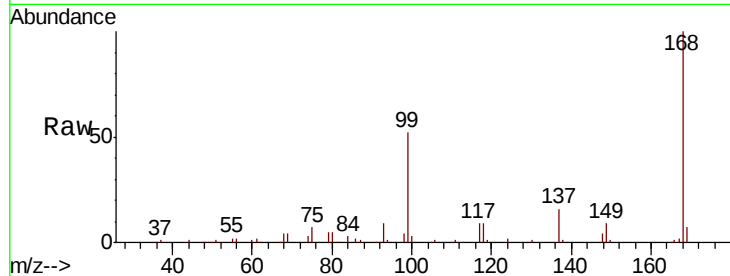
COMP-1

Tot Ion:168 Resp: 161745

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): VN

7.63

60000

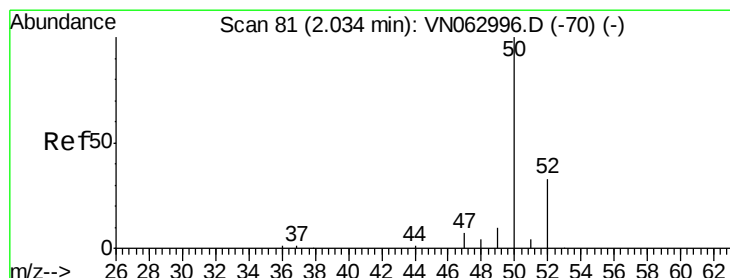
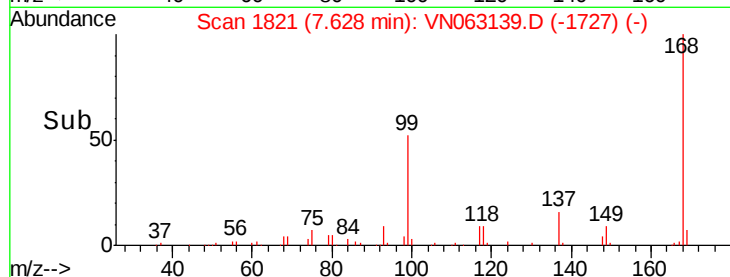
40000

20000

0

7.50 7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.266 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN063139.D

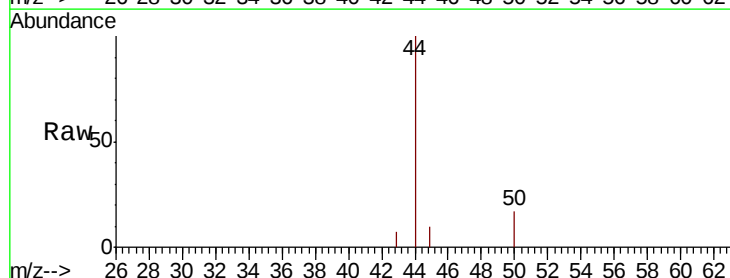
Acq: 26 Aug 2020 17:47

Tgt Ion: 50 Resp: 589

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

500

400

300

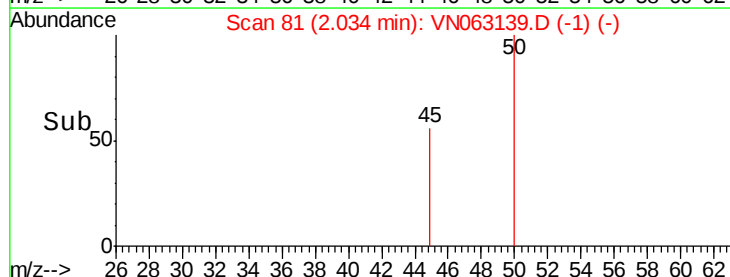
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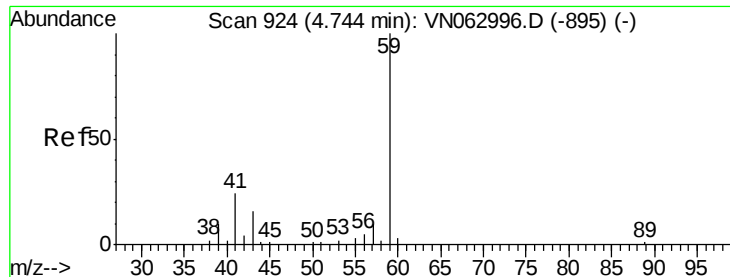
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0

2.00 2.02 2.04 2.06

Time-->



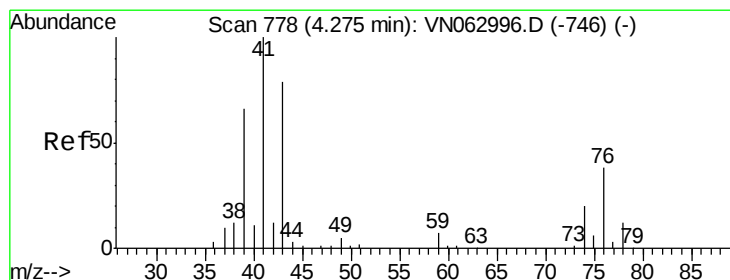
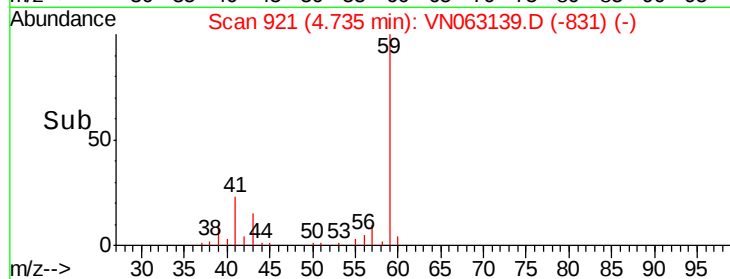
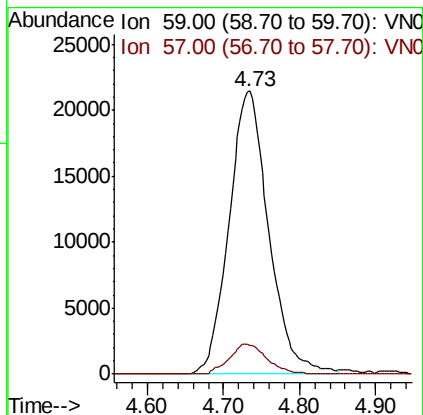
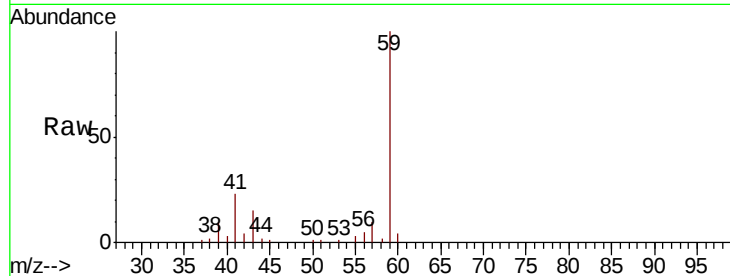


#11

Tert butyl alcohol
 Concen: 286.357 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063139.D
 Acq: 26 Aug 2020 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

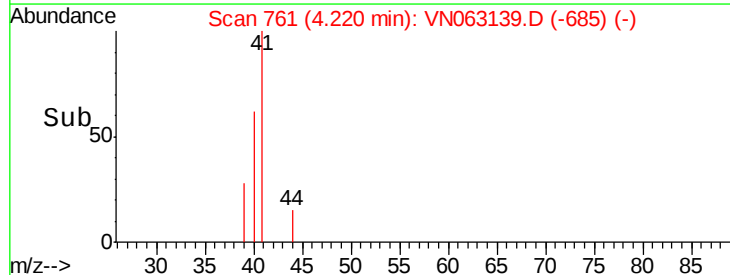
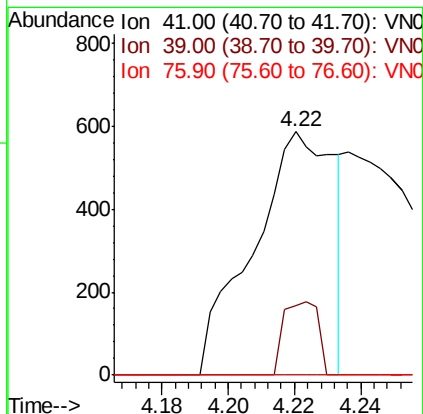
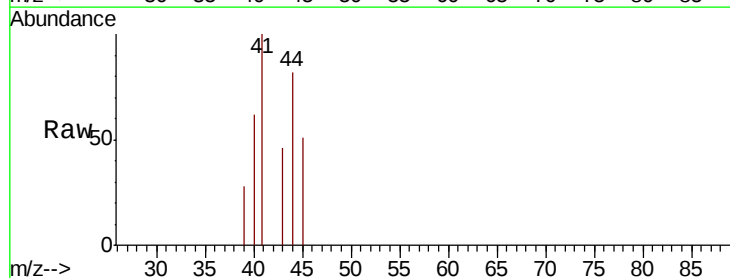
Tot Ion: 59 Resp: 77755
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.6

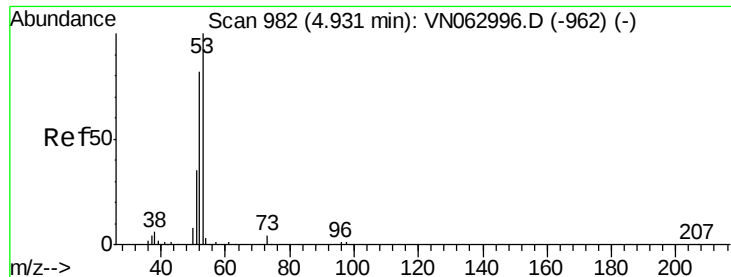


#14

Allyl chloride
 Concen: 0.413 ug/l
 RT: 4.22 min Scan# 761
 Delta R.T. -0.05 min
 Lab File: VN063139.D
 Acq: 26 Aug 2020 17:47

Tgt Ion: 41 Resp: 999
 Ion Ratio Lower Upper
 41 100
 39 0.0 47.9 71.9#
 76 0.0 27.0 40.6#





#15

Acrylonitrile

Concen: 0.783 ug/l

RT: 4.73 min Scan# 918

Delta R.T. -0.21 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

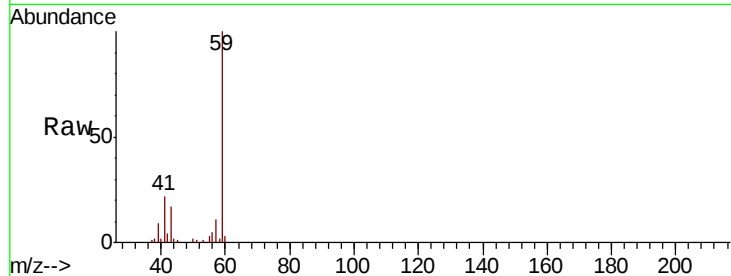
Tot Ion: 53 Resp: 625

Ion Ratio Lower Upper

53 100

52 0.0 65.6 98.4#

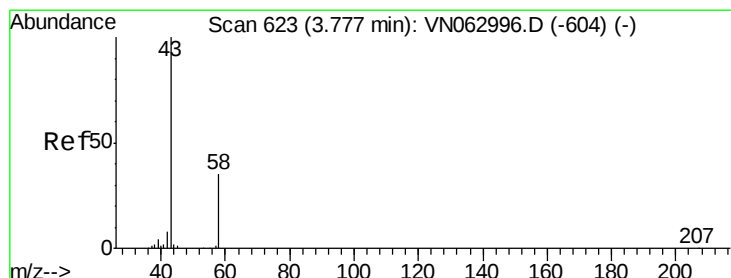
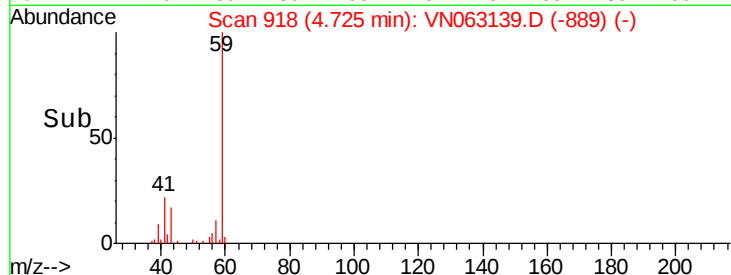
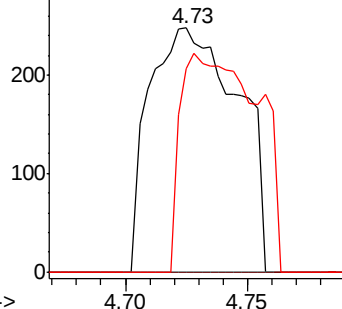
51 77.3 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 438.164 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063139.D

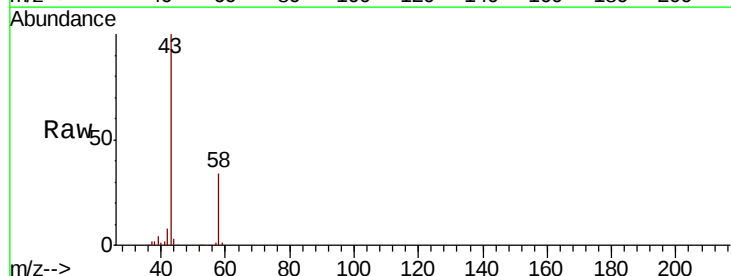
Acq: 26 Aug 2020 17:47

Tgt Ion: 43 Resp: 260164

Ion Ratio Lower Upper

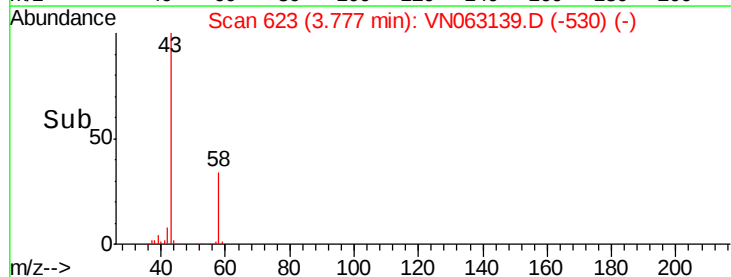
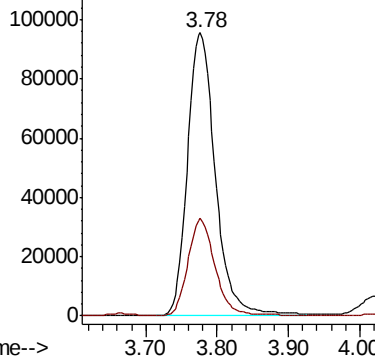
43 100

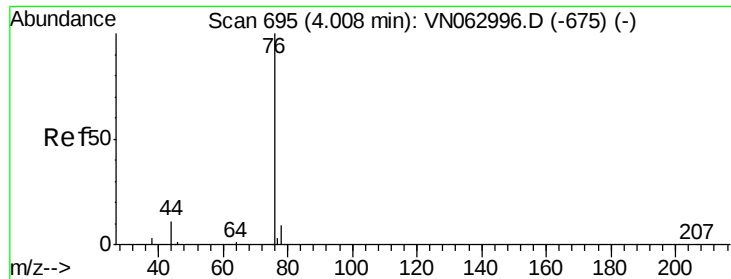
58 34.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

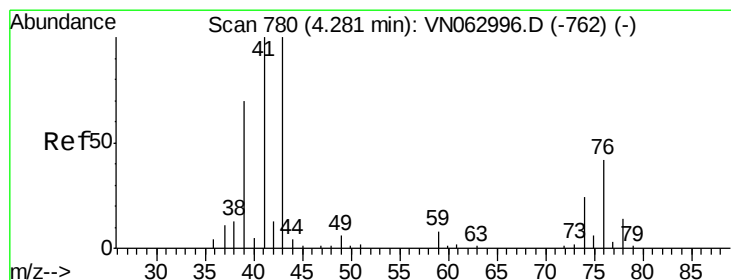
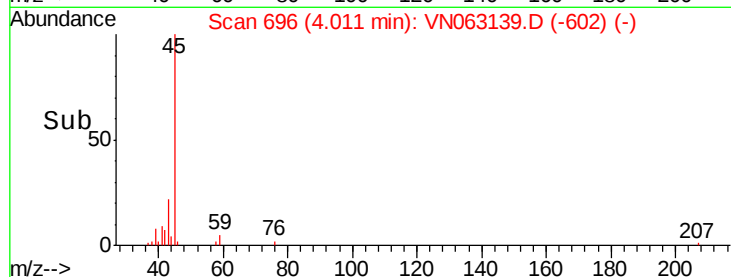
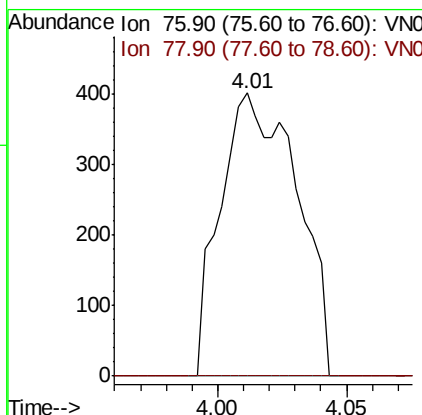
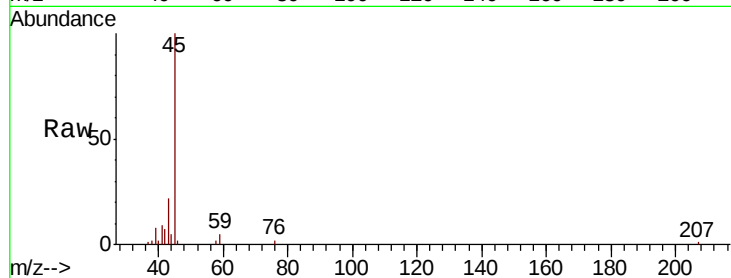




#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

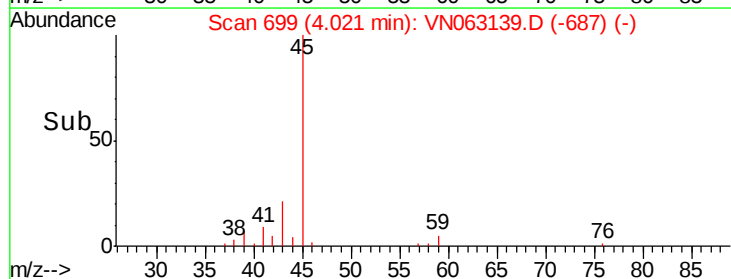
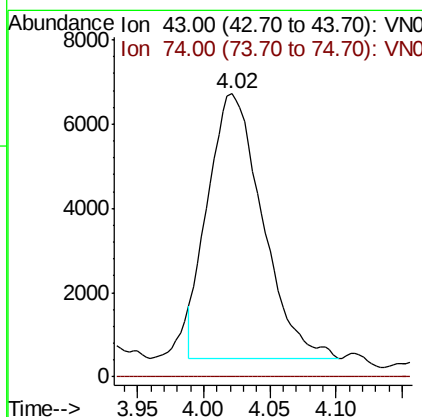
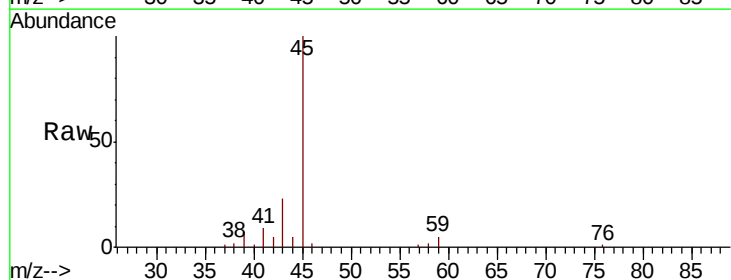
Instrument :
MSVOA_N
ClientSampled :
COMP-1

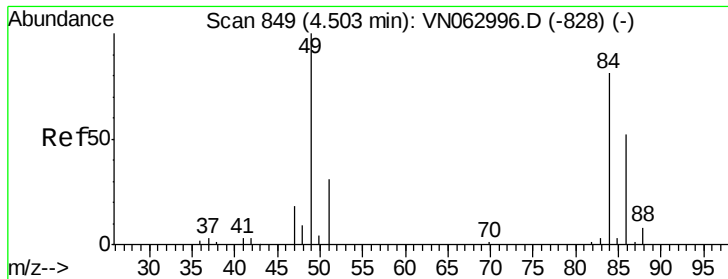
Tot Ion: 76 Resp: 832
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#18
Methyl Acetate
Concen: 9.390 ug/l
RT: 4.02 min Scan# 699
Delta R.T. -0.26 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Tgt Ion: 43 Resp: 17889
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#

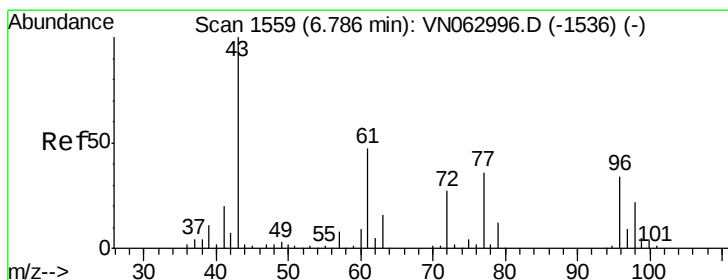
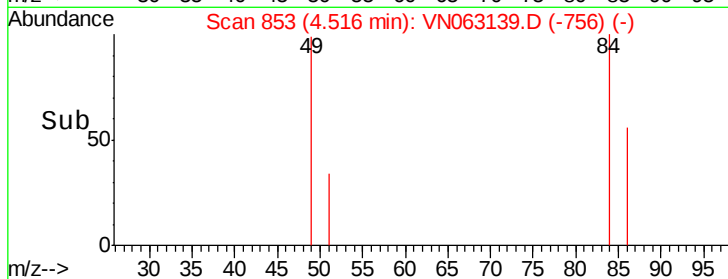
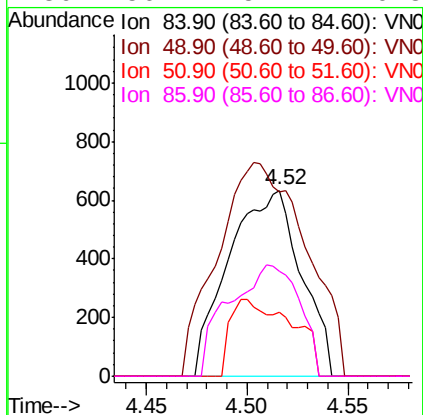
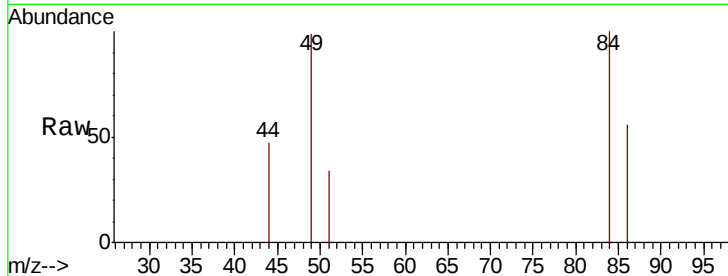




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

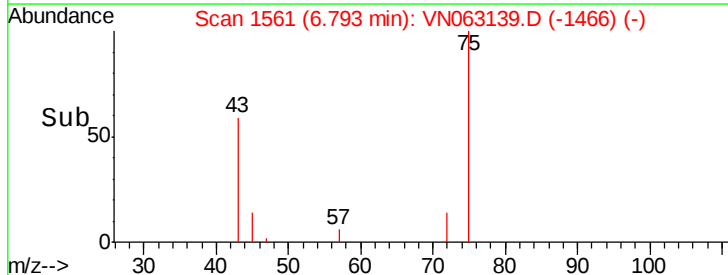
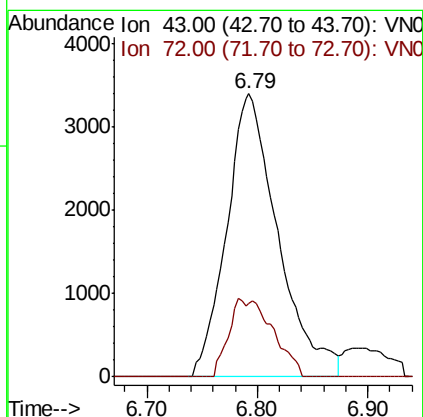
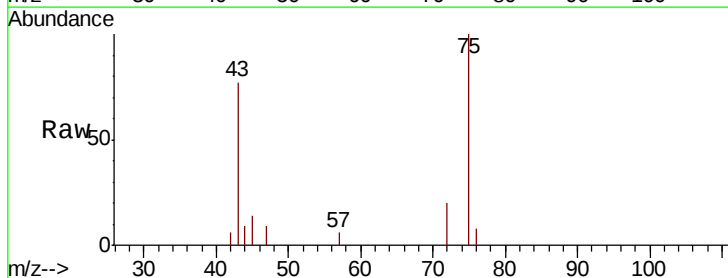
Instrument :
MSVOA_N
ClientSampled :
COMP-1

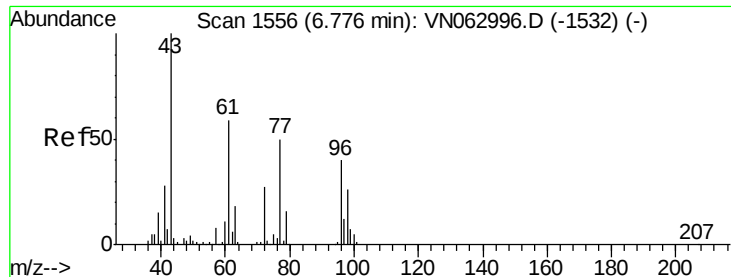
Tot Ion: 84 Resp: 1576
Ion Ratio Lower Upper
84 100
49 73.1 98.7 148.1#
51 34.4 30.8 46.2
86 56.4 51.2 76.8



#25
2-Butanone
Concen: 10.771 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Tgt Ion: 43 Resp: 10962
Ion Ratio Lower Upper
43 100
72 26.1 21.8 32.6

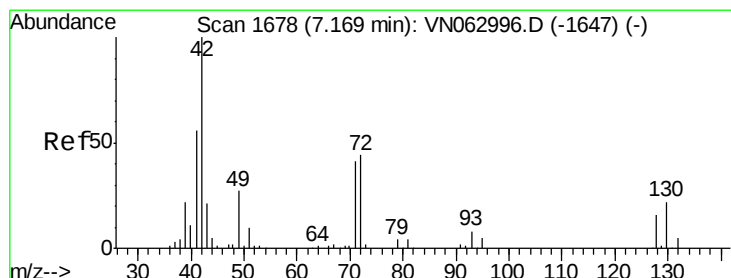
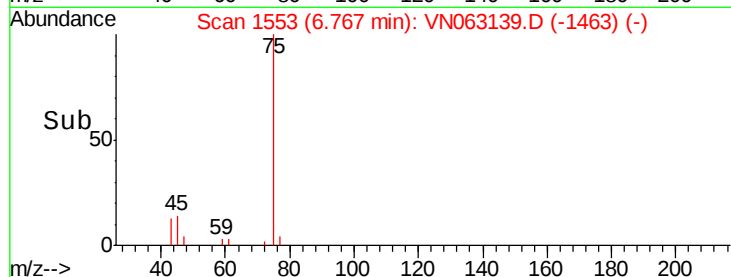
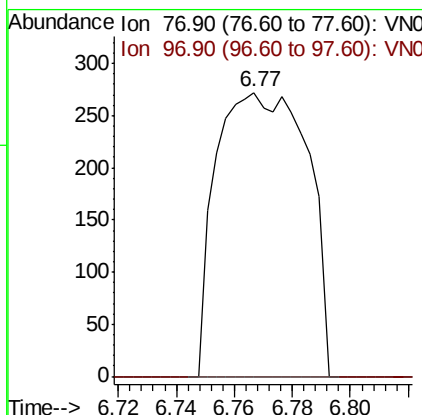
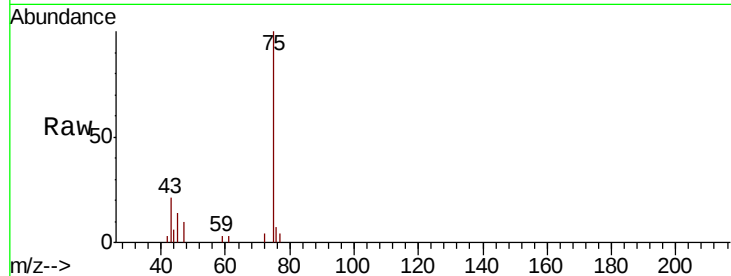




#26
 2,2-Dichloropropane
 Concen: 0.246 ug/l
 RT: 6.77 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: VN063139.D
 Acq: 26 Aug 2020 17:47

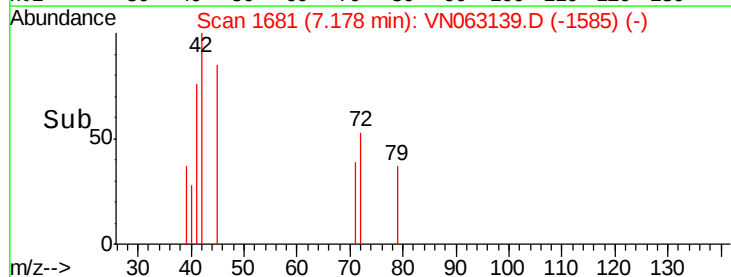
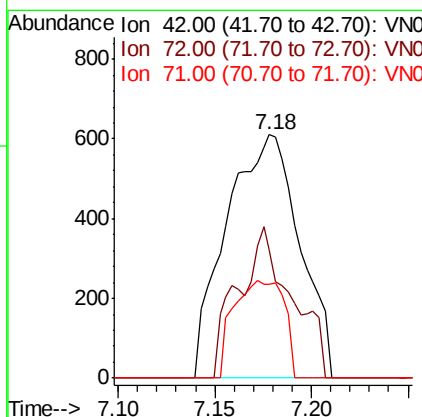
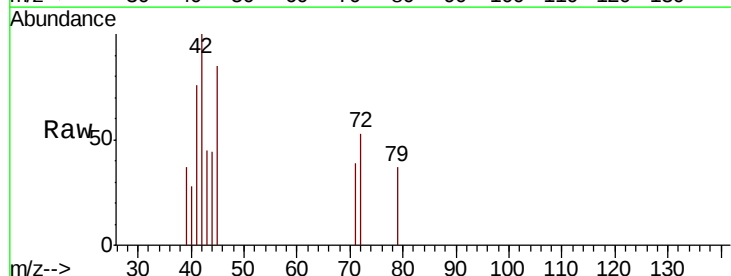
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

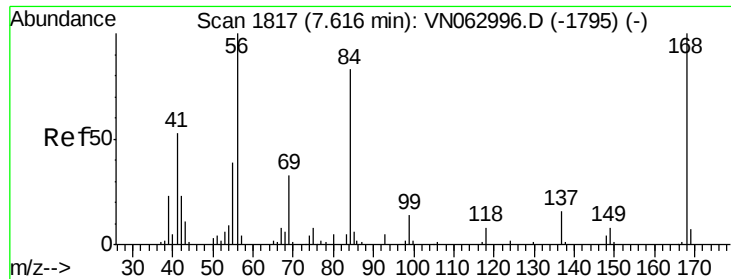
Tot Ion: 77 Resp: 593
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.1#



#29
 Tetrahydrofuran
 Concen: 2.447 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VN063139.D
 Acq: 26 Aug 2020 17:47

Tgt Ion: 42 Resp: 1607
 Ion Ratio Lower Upper
 42 100
 72 45.9 34.6 52.0
 71 27.4 32.3 48.5#

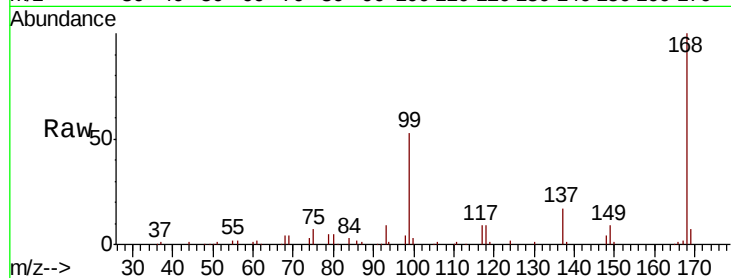




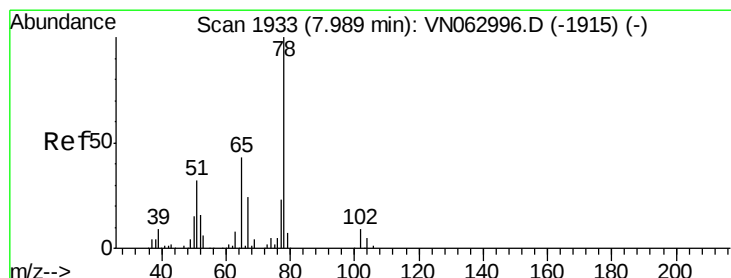
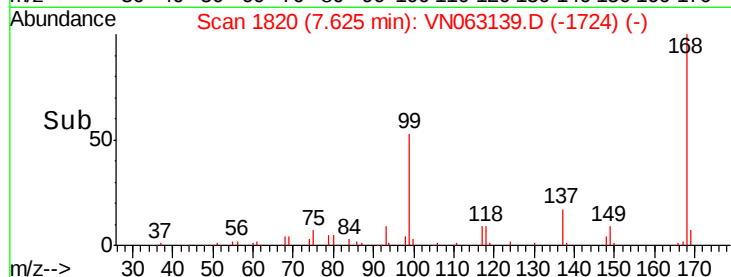
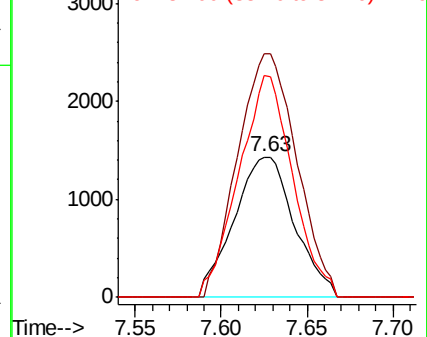
#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tot Ion: 56 Resp: 3501
Ion Ratio Lower Upper
56 100
69 173.1 26.6 40.0#
84 157.8 66.4 99.6#

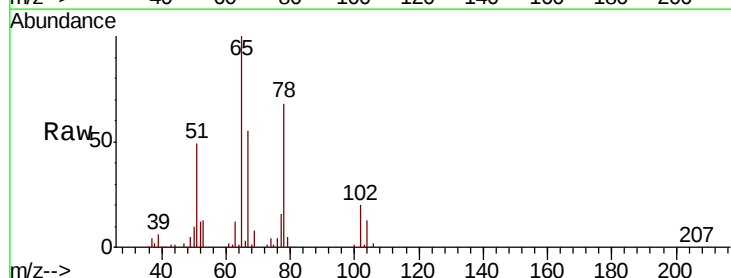


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

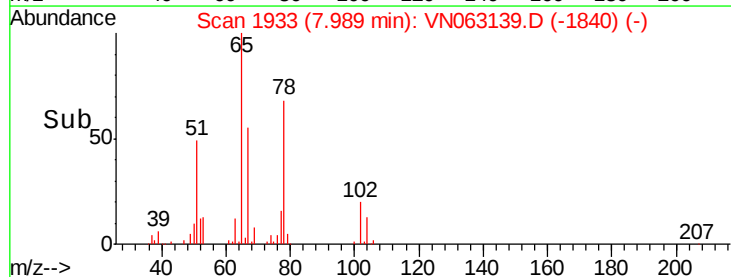
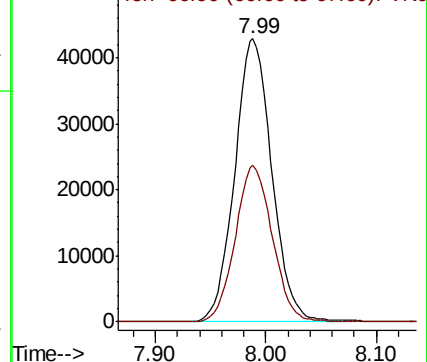


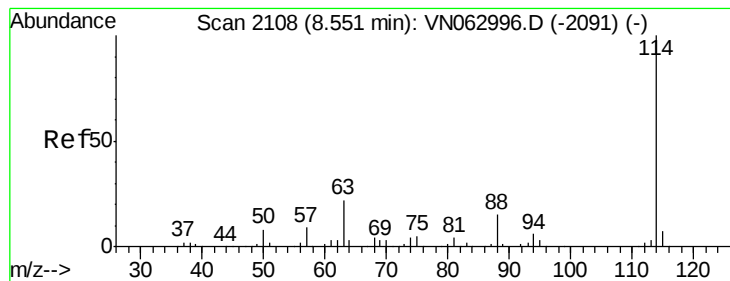
#33
1,2-Dichloroethane-d4
Concen: 52.069 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Tgt Ion: 65 Resp: 99815
Ion Ratio Lower Upper
65 100
67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

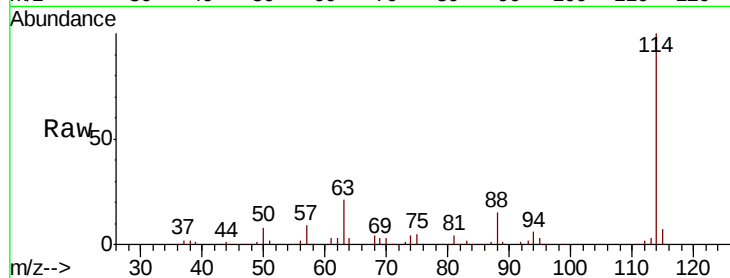
Tot Ion:114 Resp: 273038

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

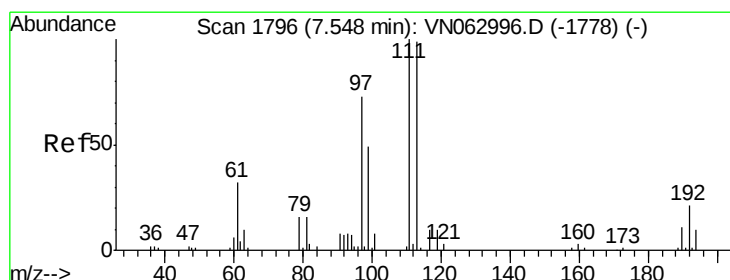
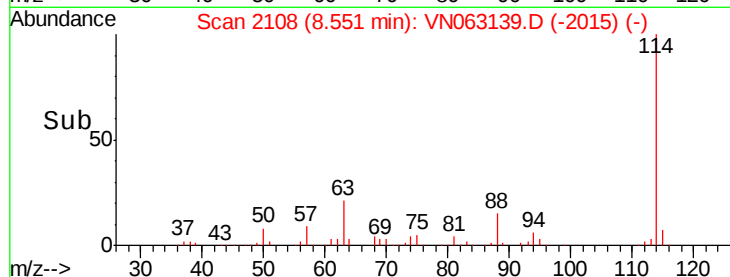
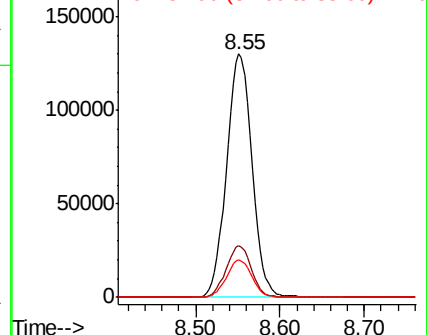
88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.716 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

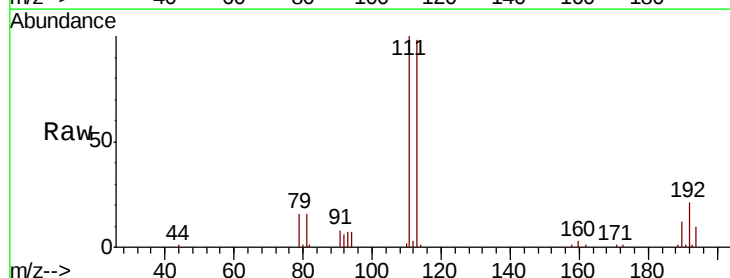
Tgt Ion:113 Resp: 88450

Ion Ratio Lower Upper

113 100

111 100.9 81.7 122.5

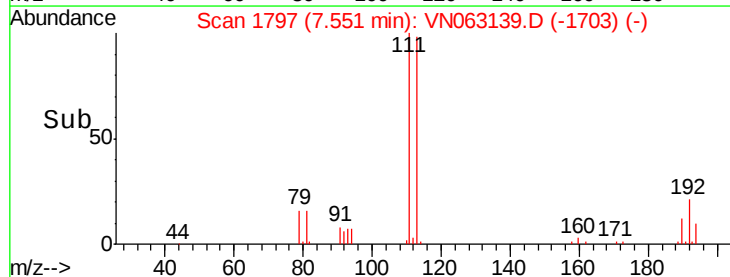
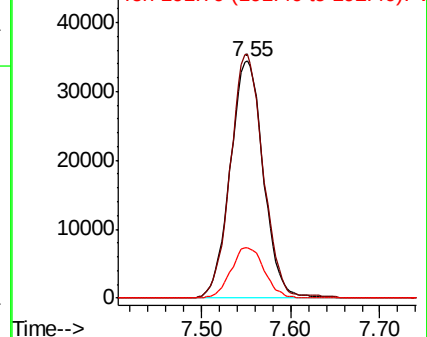
192 21.3 17.5 26.3

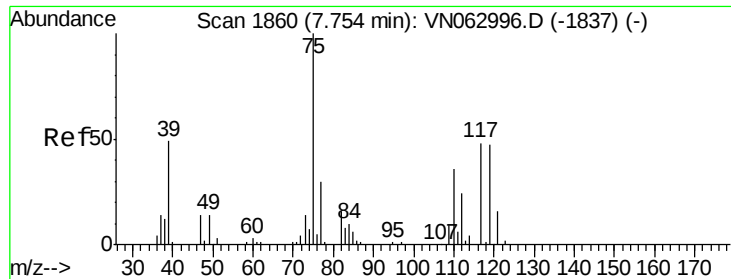


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

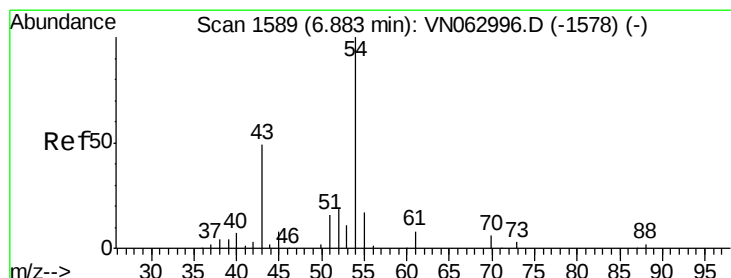
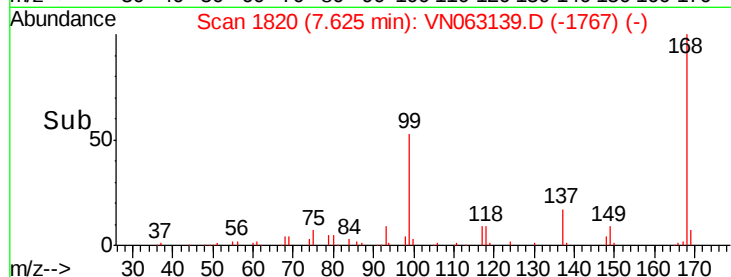
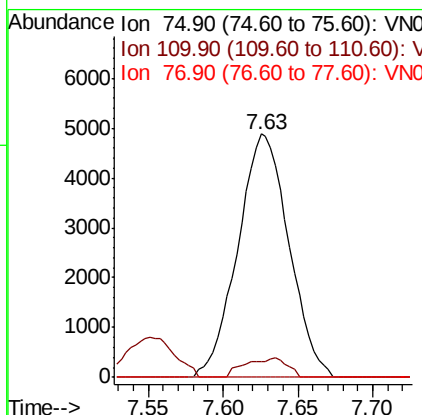
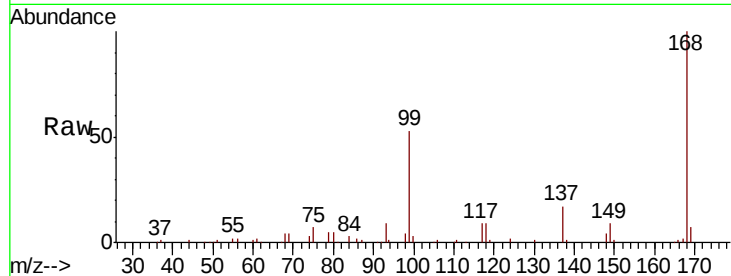




#36
 1,1-Dichloropropene
 Concen: 4.819 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN063139.D
 Acq: 26 Aug 2020 17:47

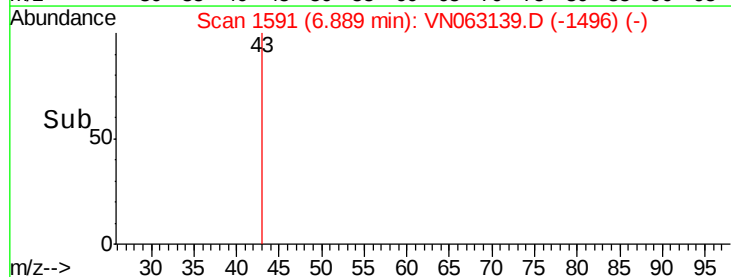
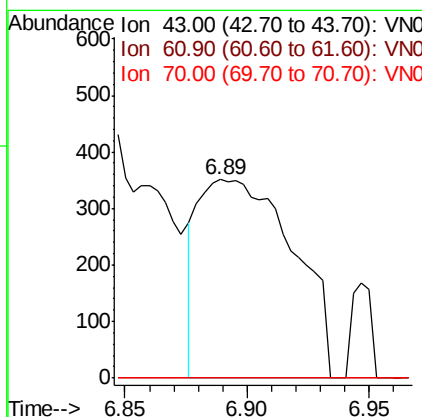
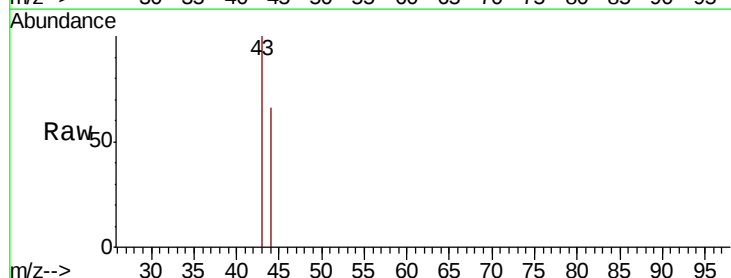
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

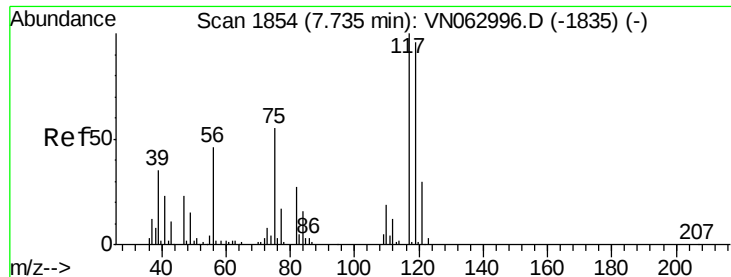
Tot Ion	75	Resp	11595
Ion Ratio	100	Lower	Upper
75	100		
110	6.5	17.5	52.6#
77	0.0	24.2	36.4#



#37
 Ethyl Acetate
 Concen: 0.418 ug/l
 RT: 6.89 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: VN063139.D
 Acq: 26 Aug 2020 17:47

Tgt Ion	43	Resp	942
Ion Ratio	100	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	8.2	12.2#

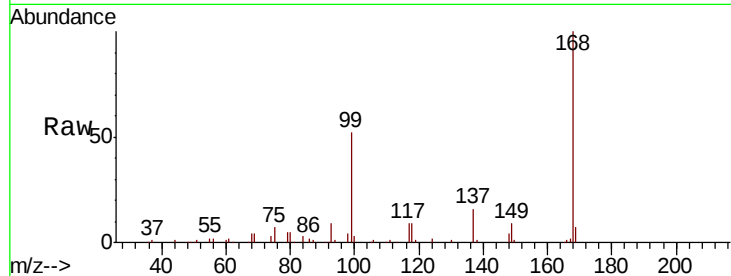




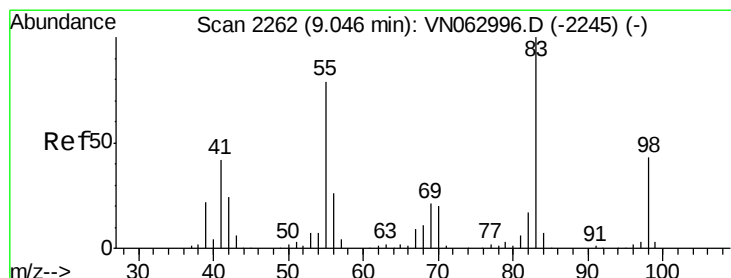
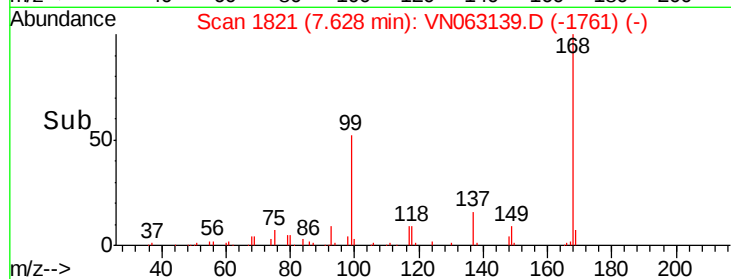
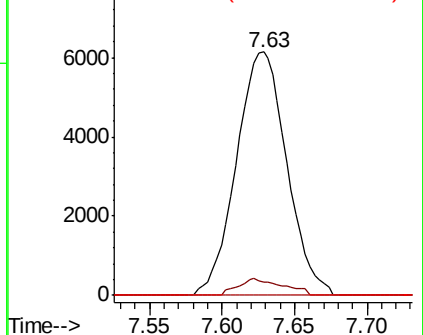
#38
Carbon Tetrachloride
Concen: 6.095 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tot Ion:117 Resp: 14805
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.4#
121 0.0 24.2 36.2#

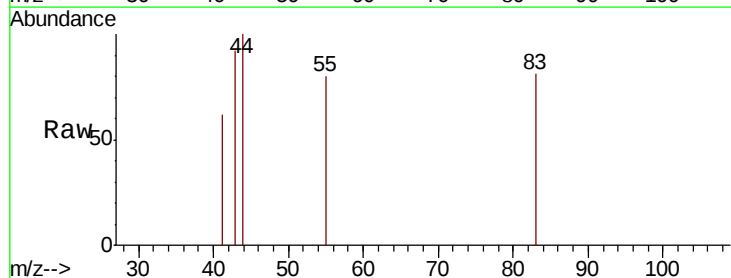


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

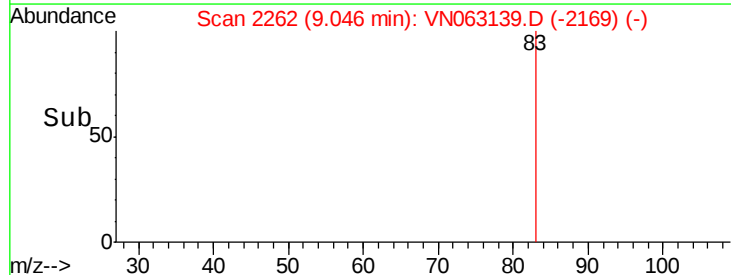
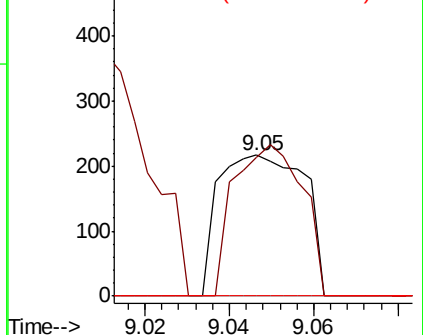


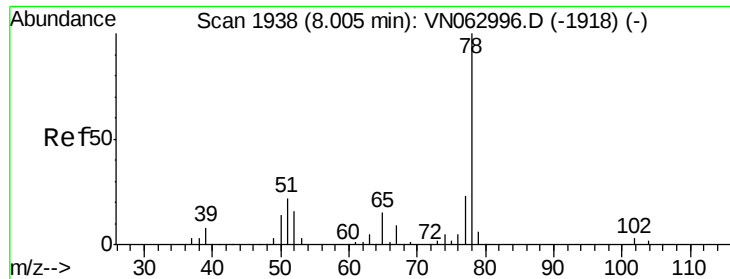
#39
Methylcyclohexane
Concen: 1.653 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Tgt Ion: 83 Resp: 305
Ion Ratio Lower Upper
83 100
55 98.6 63.3 94.9#
98 0.0 34.2 51.4#



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





#40

Benzene

Concen: 15.120 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampled :

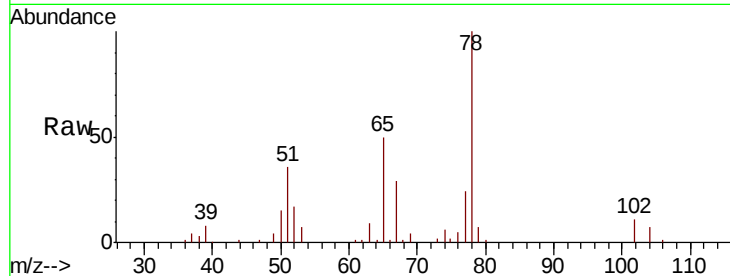
COMP-1

Tot Ion: 78 Resp: 115391

Ion Ratio Lower Upper

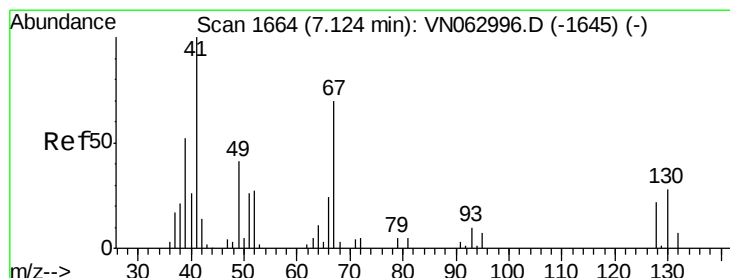
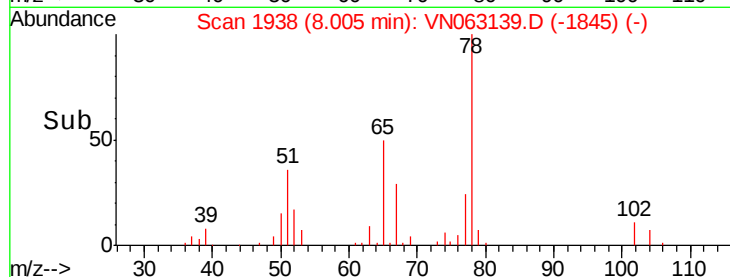
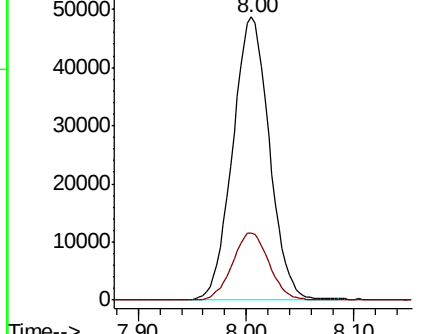
78 100

77 23.8 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: 1.243 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.05 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Tgt Ion: 41 Resp: 1335

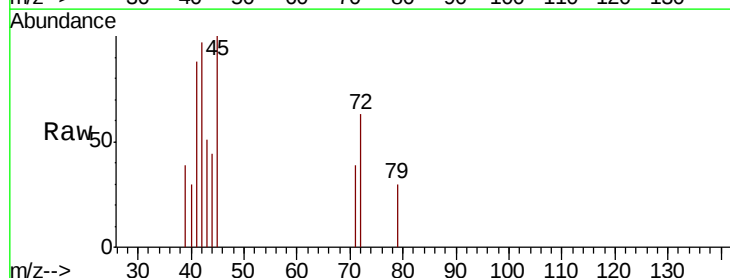
Ion Ratio Lower Upper

41 100

39 18.6 41.6 62.4#

67 0.0 71.8 107.8#

52 0.0 28.2 42.4#

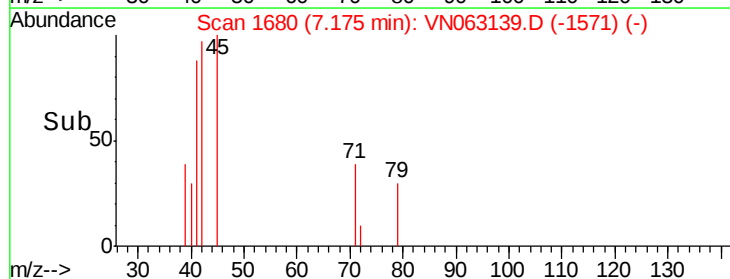
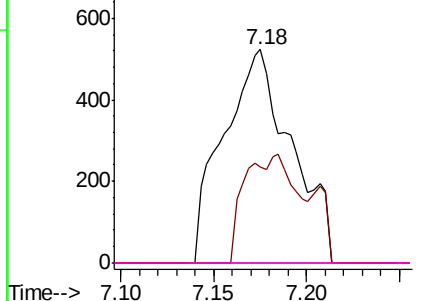


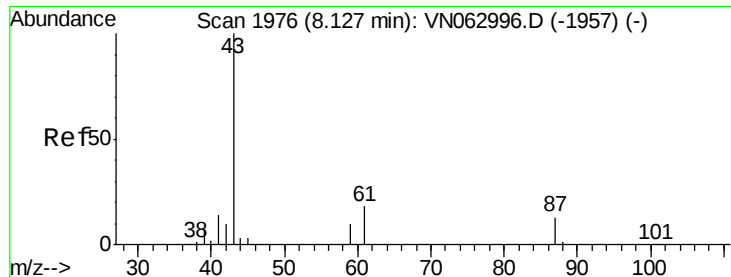
Abundance Ion 41.00 (40.70 to 41.70): VN0

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





#43

Isopropyl Acetate

Concen: 0.516 ug/l

RT: 8.09 min Scan# 1966

Delta R.T. -0.03 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampled :

COMP-1

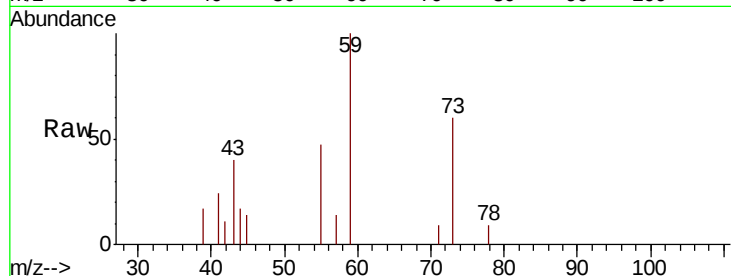
Tot Ion: 43 Resp: 1928

Ion Ratio Lower Upper

43 100

61 0.0 22.6 33.8#

87 0.0 10.5 15.7#

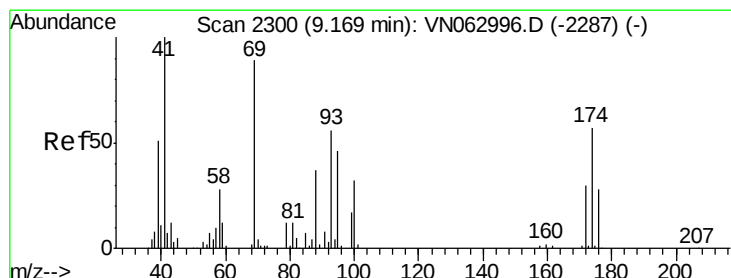
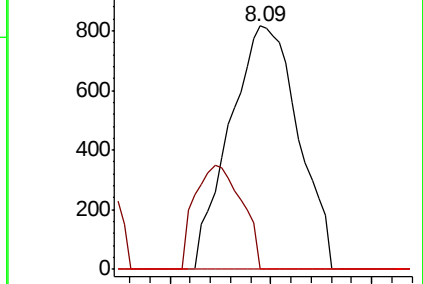
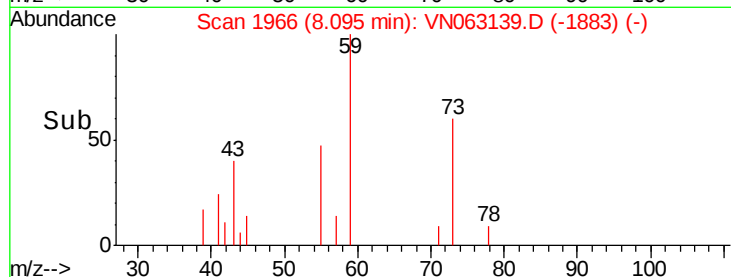


Abundance Ion 43.00 (42.70 to 43.70): VN063139.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN063139.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN063139.D (-1966) (-)

Time-->



#48

Methyl methacrylate

Concen: 0.259 ug/l

RT: 9.13 min Scan# 2289

Delta R.T. -0.04 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

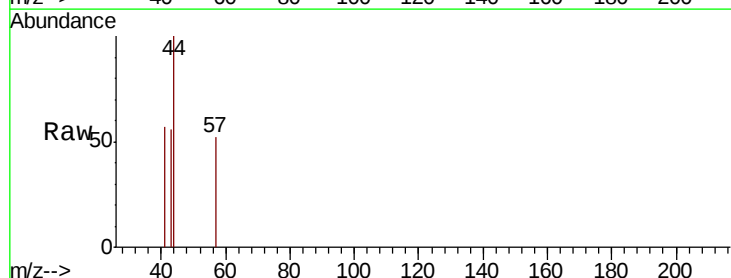
Tgt Ion: 41 Resp: 458

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.4#

39 0.0 42.5 63.7#

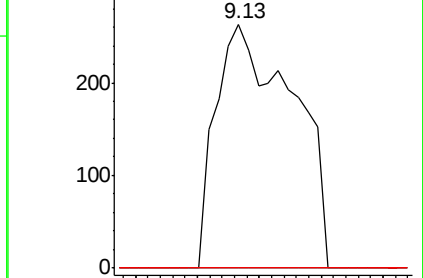
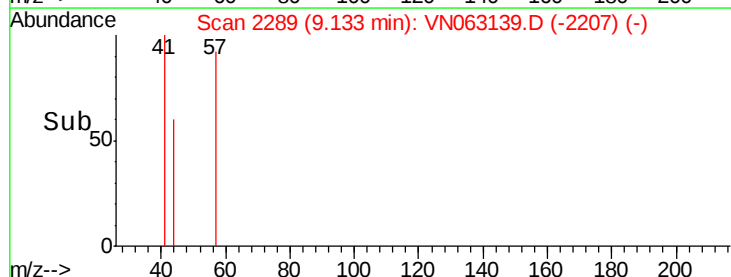


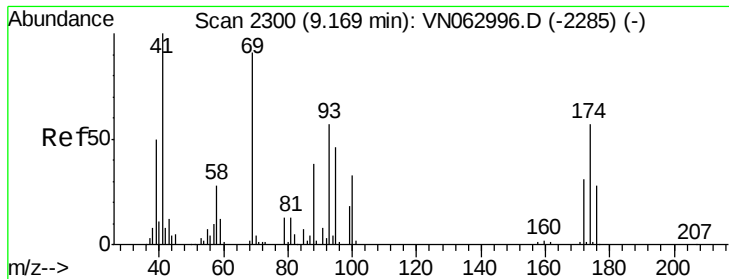
Abundance Ion 41.00 (40.70 to 41.70): VN063139.D (-2289) (-)

Ion 69.00 (68.70 to 69.70): VN063139.D (-2289) (-)

Ion 39.00 (38.70 to 39.70): VN063139.D (-2289) (-)

Time-->

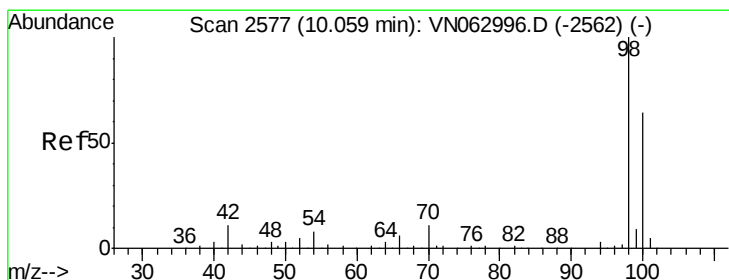
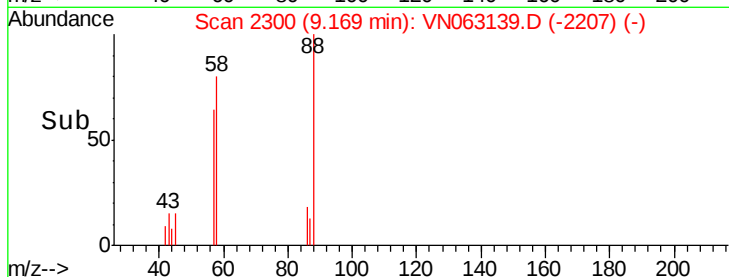
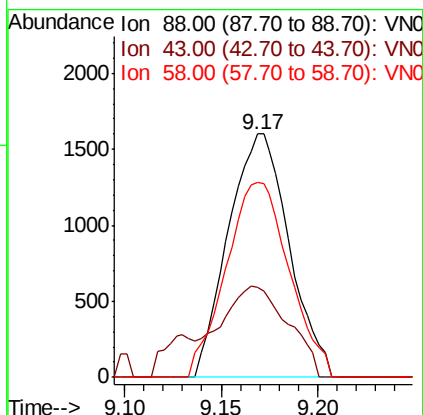
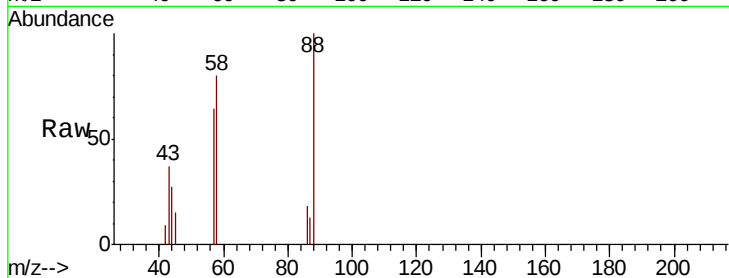




#49
 1,4-Dioxane
 Concen: 103.889 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063139.D
 Acq: 26 Aug 2020 17:47

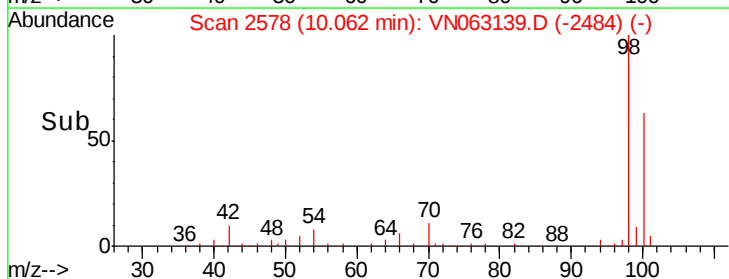
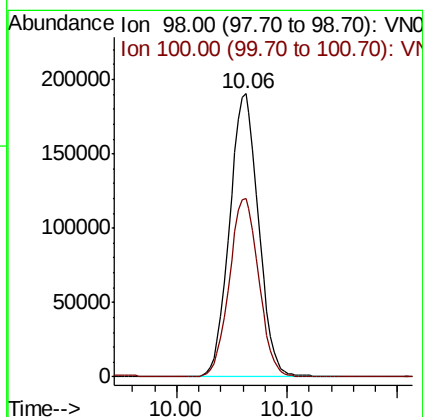
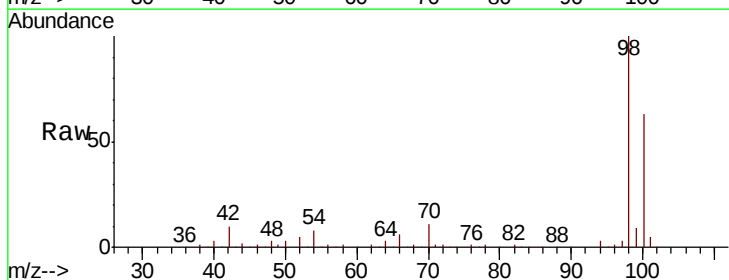
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

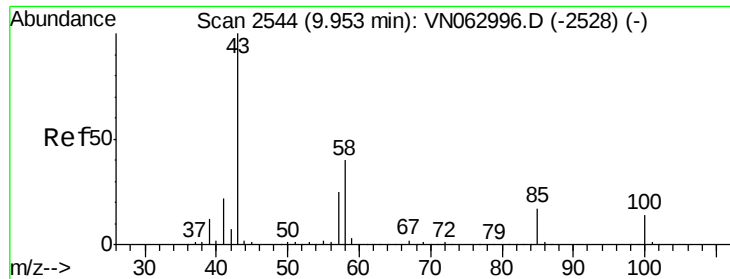
Tot Ion: 88 Resp: 3499
 Ion Ratio Lower Upper
 88 100
 43 40.3 25.2 37.8#
 58 83.4 56.7 85.1



#50
 Toluene-d8
 Concen: 50.901 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063139.D
 Acq: 26 Aug 2020 17:47

Tgt Ion: 98 Resp: 347838
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 6.904 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampleId :

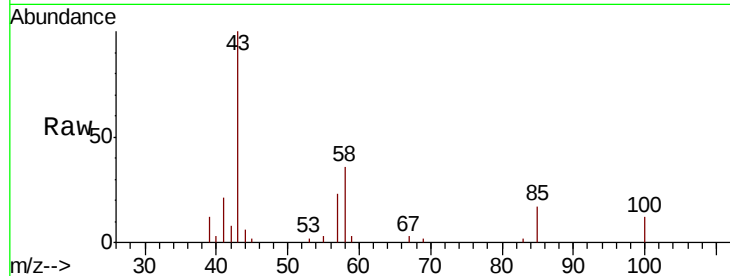
COMP-1

Tot Ion: 43 Resp: 16299

Ion Ratio Lower Upper

43 100

58 36.8 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

10000

8000

6000

4000

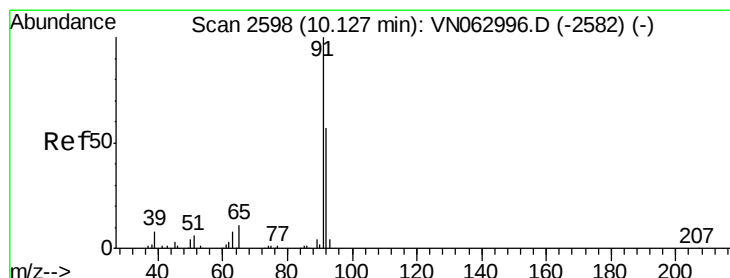
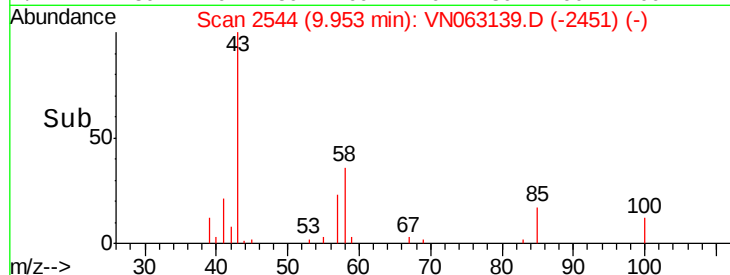
2000

0

Time-->

9.90

10.00



#52

Toluene

Concen: 12.227 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN063139.D

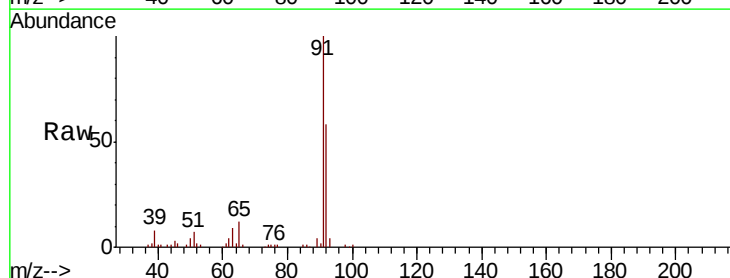
Acq: 26 Aug 2020 17:47

Tgt Ion: 92 Resp: 56290

Ion Ratio Lower Upper

92 100

91 173.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062996.D (-2582) (-)

10.13

60000

50000

40000

30000

20000

10000

0

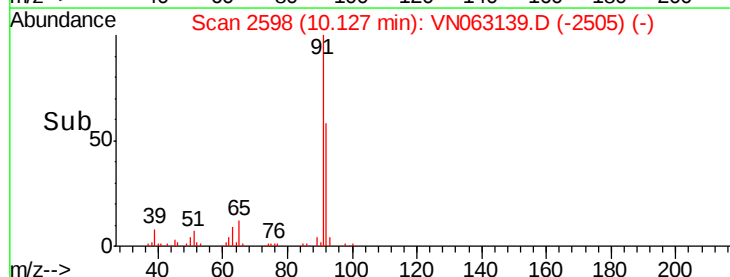
Time-->

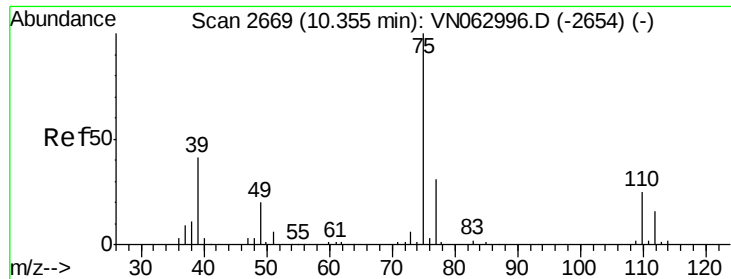
10.05

10.10

10.15

10.20





#53

t-1,3-Dichloropropene

Concen: 0.203 ug/l

RT: 10.13 min Scan# 2599

Delta R.T. -0.23 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampled :

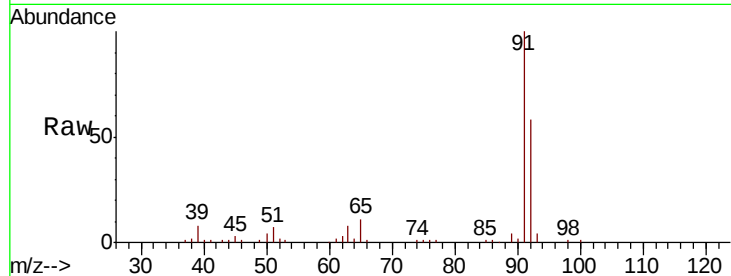
COMP-1

Tot Ion: 75 Resp: 586

Ion Ratio Lower Upper

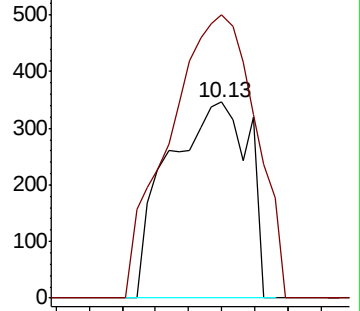
75 100

77 144.5 24.6 37.0#

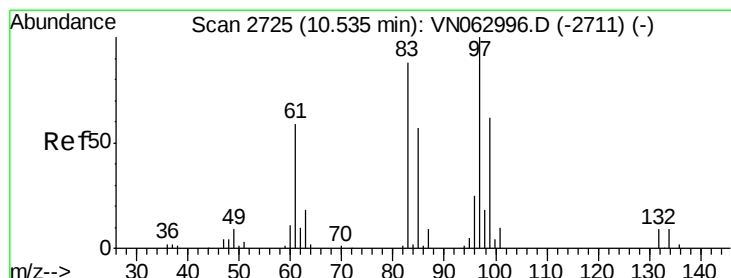
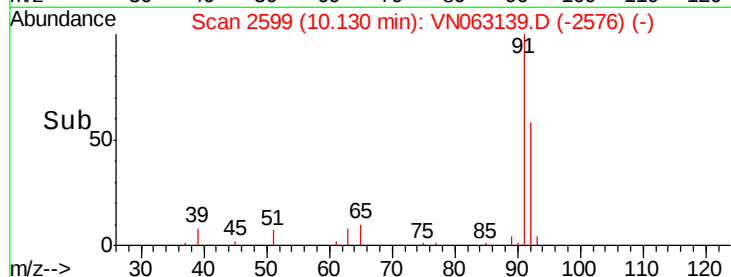


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#55

1,1,2-Trichloroethane

Concen: 0.646 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. -0.15 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Tgt Ion: 97 Resp: 1271

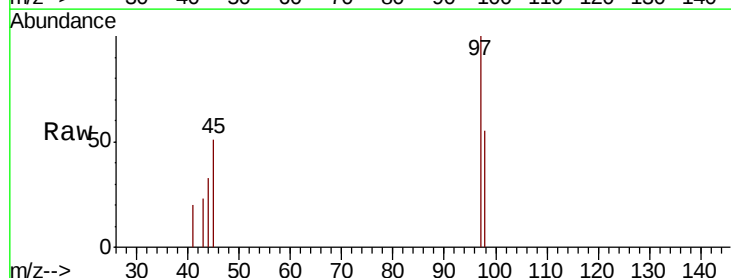
Ion Ratio Lower Upper

97 100

83 0.0 70.5 105.7#

85 0.0 45.8 68.6#

99 0.0 49.7 74.5#

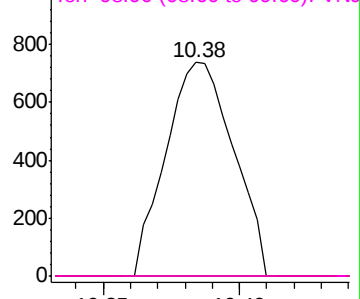


Abundance Ion 96.90 (96.60 to 97.60): VN0

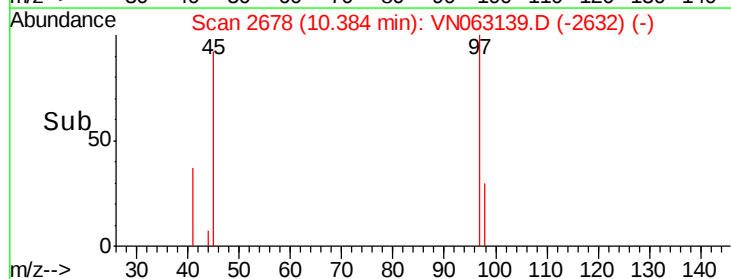
Ion 82.90 (82.60 to 83.60): VN0

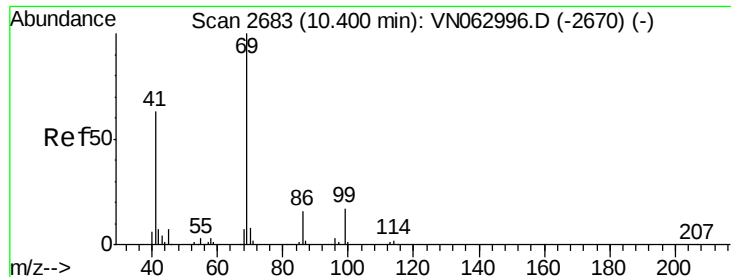
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



Time-->





#56

Ethyl methacrylate

Concen: 2.630 ug/l

RT: 10.33 min Scan# 2661

Delta R.T. -0.07 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

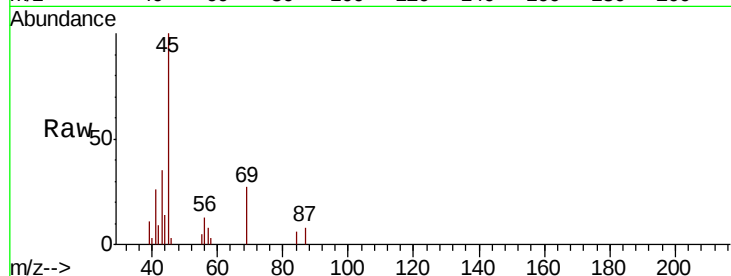
Tot Ion: 69 Resp: 2800

Ion Ratio Lower Upper

69 100

41 104.9 50.2 75.2#

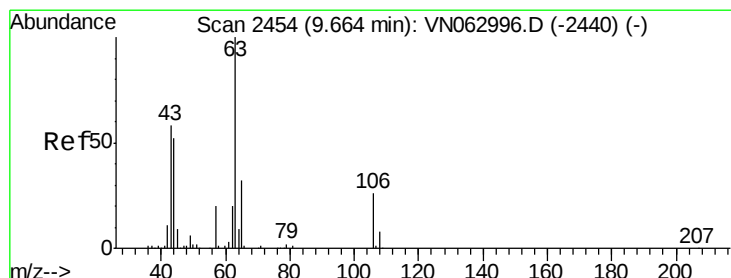
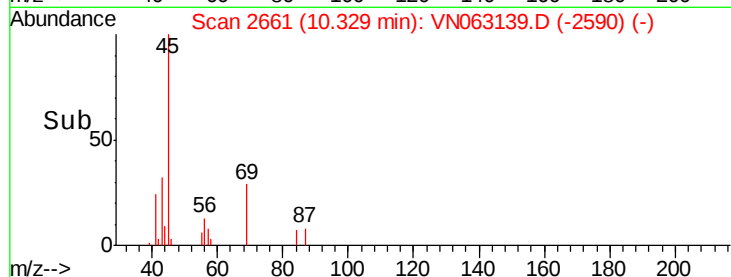
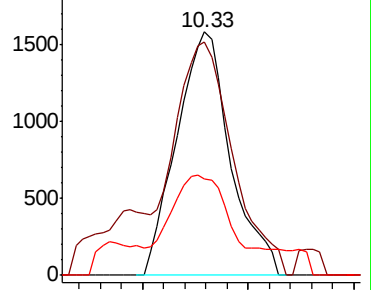
39 32.9 24.2 36.4



Abundance Ion 69.00 (68.70 to 69.70): VN063139.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN063139.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN063139.D (-2590) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 13.002 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.02 min

Lab File: VN063139.D

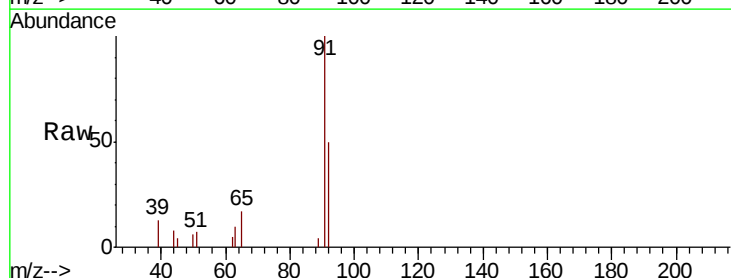
Acq: 26 Aug 2020 17:47

Tgt Ion: 63 Resp: 623

Ion Ratio Lower Upper

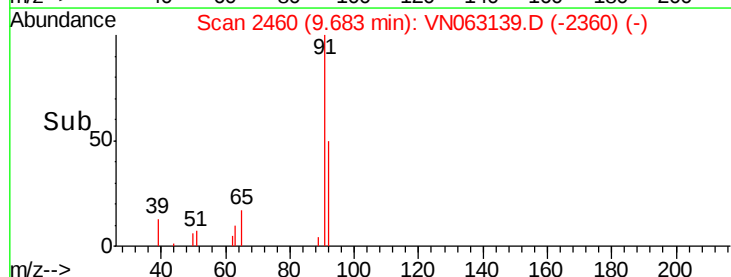
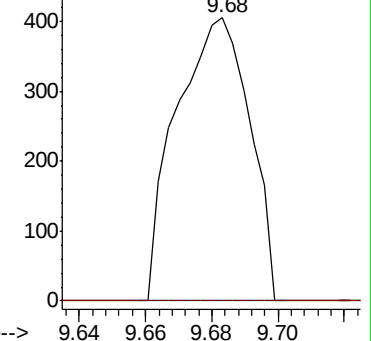
63 100

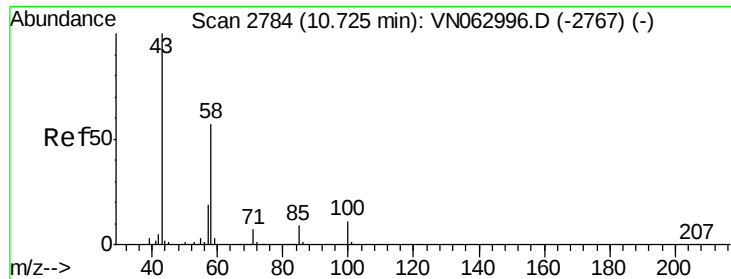
106 0.0 20.7 31.1#



Abundance Ion 62.90 (62.60 to 63.60): VN063139.D (-2360) (-)

Ion 105.90 (105.60 to 106.60): VN063139.D (-2360) (-)





#59

2-Hexanone

Concen: 0.899 ug/l

RT: 10.73 min Scan# 2786

Delta R.T. 0.01 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampled :

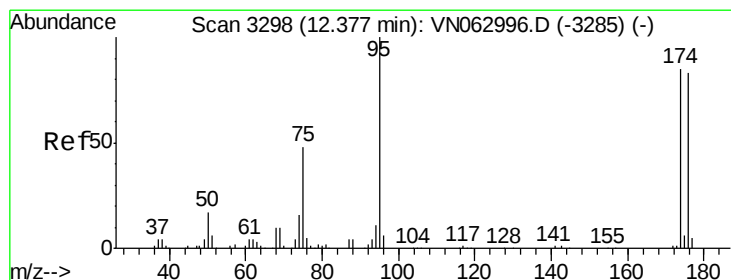
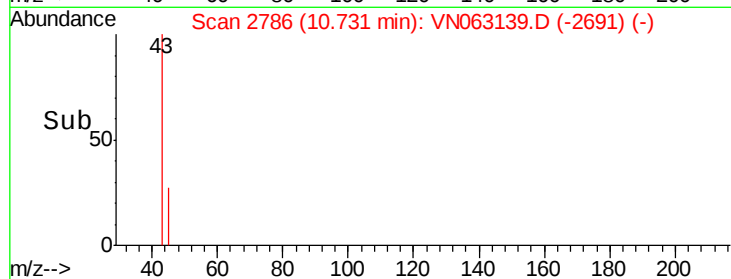
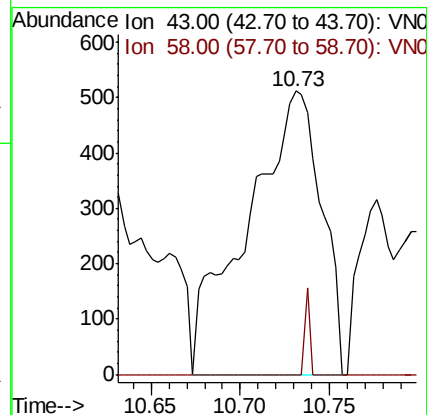
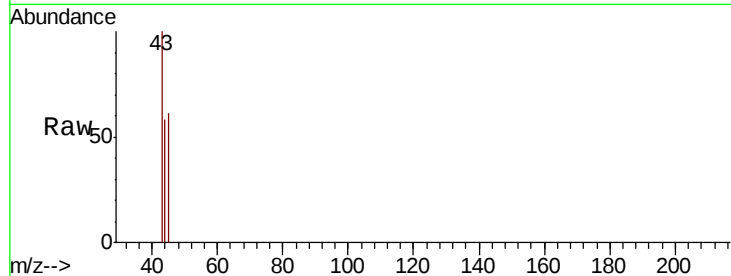
COMP-1

Tot Ion: 43 Resp: 1481

Ion Ratio Lower Upper

43 100

58 2.0 28.1 84.3#



#62

4-Bromofluorobenzene

Concen: 55.910 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

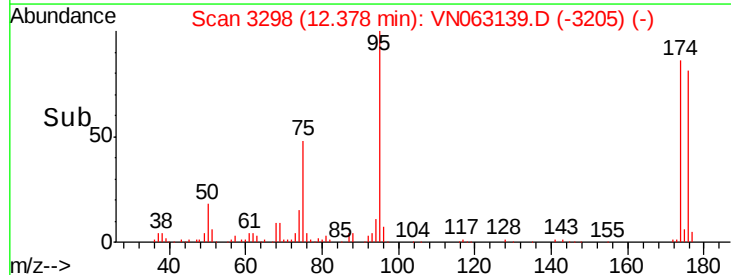
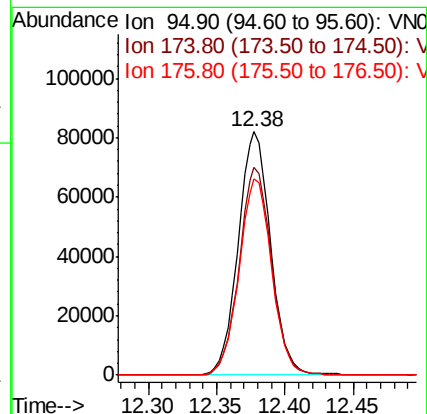
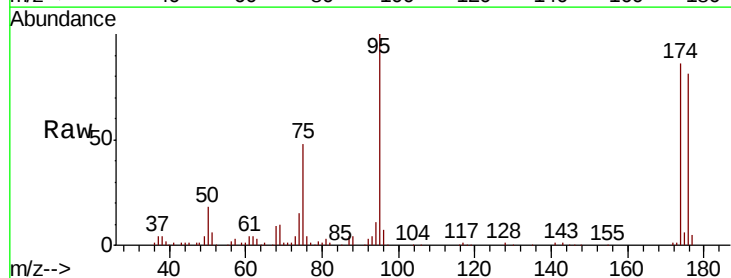
Tgt Ion: 95 Resp: 134826

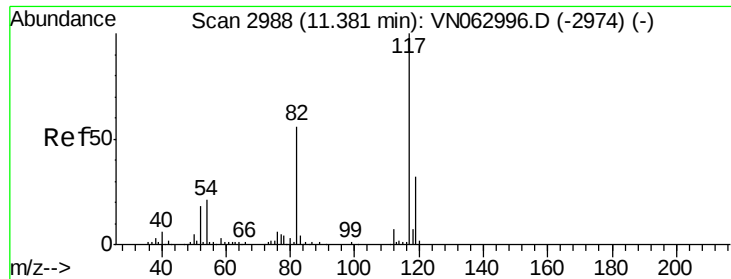
Ion Ratio Lower Upper

95 100

174 85.6 0.0 170.8

176 81.6 0.0 164.8

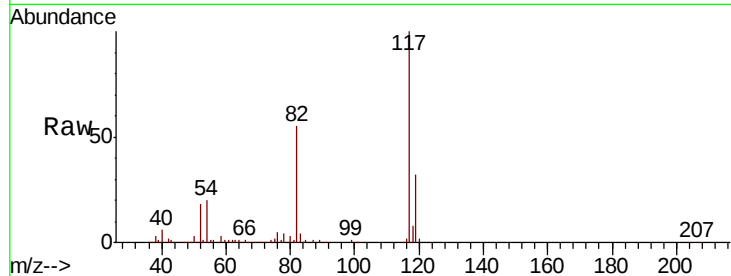




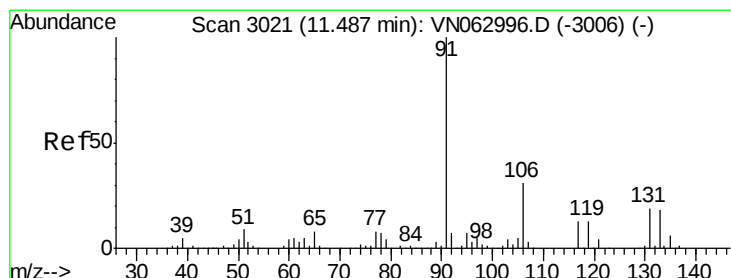
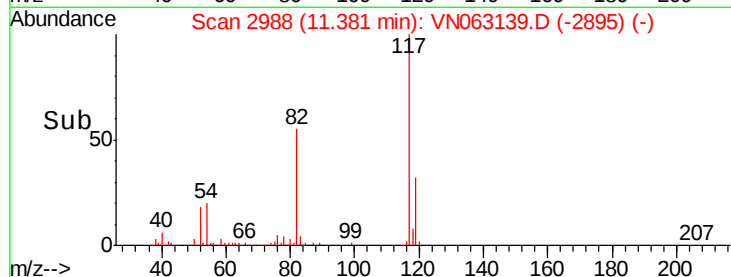
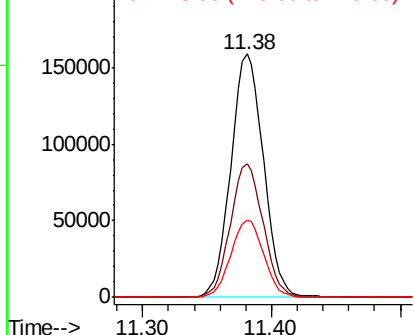
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Instrument :
MSVOA_N
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.5	66.7
119	31.8	25.5	38.3

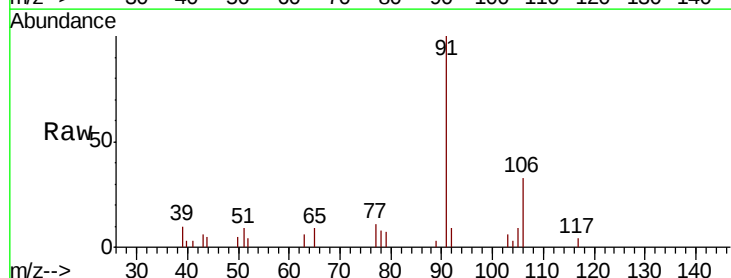


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

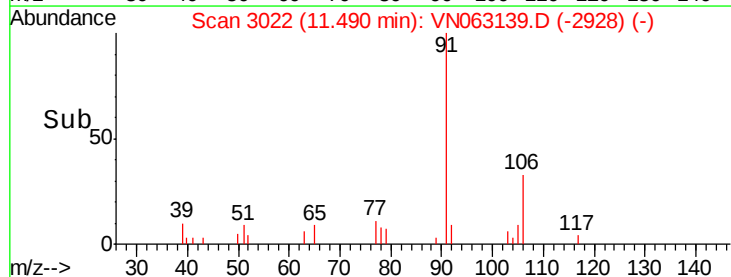
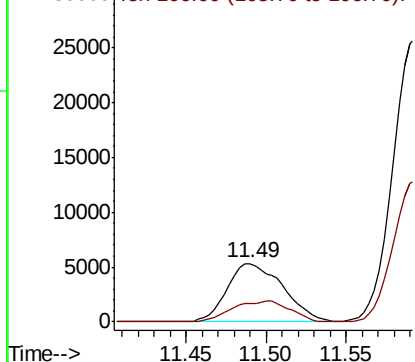


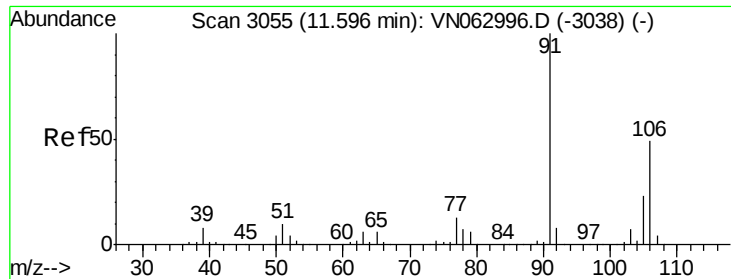
#67
Ethyl Benzene
Concen: 1.346 ug/l
RT: 11.49 min Scan# 3022
Delta R.T. 0.00 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.6	24.6	37.0



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

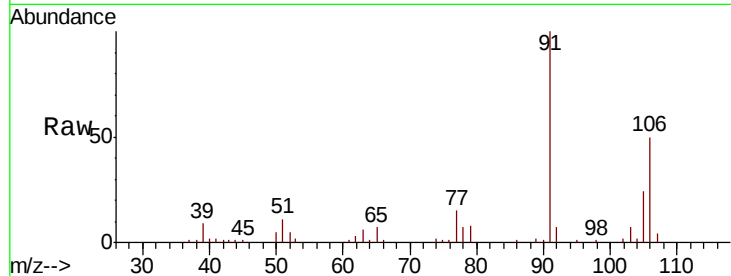




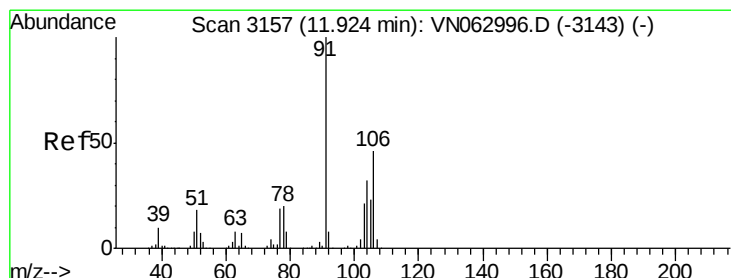
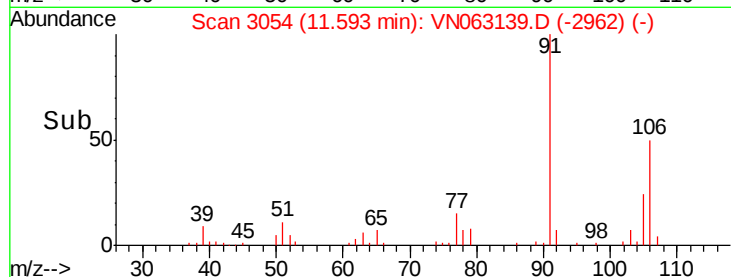
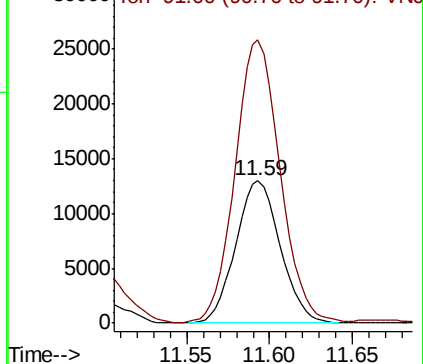
#68
m/p-Xylenes
Concen: 6.902 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tot Ion:106 Resp: 24317
Ion Ratio Lower Upper
106 100
91 201.4 163.0 244.4

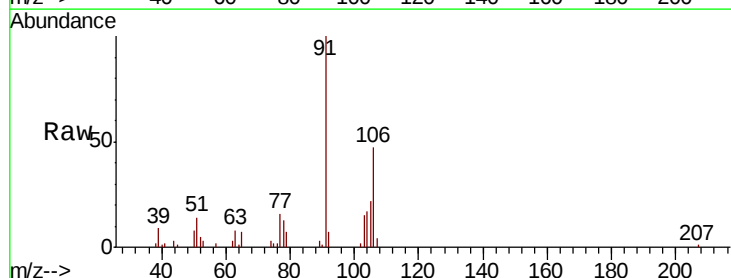


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

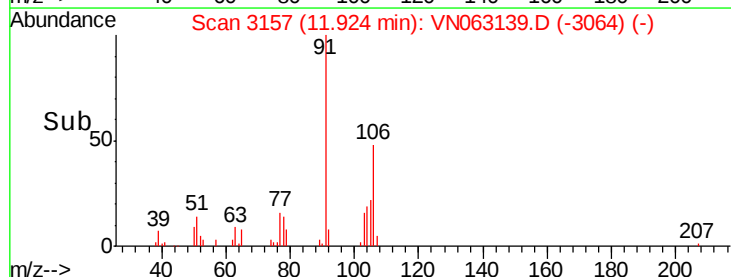
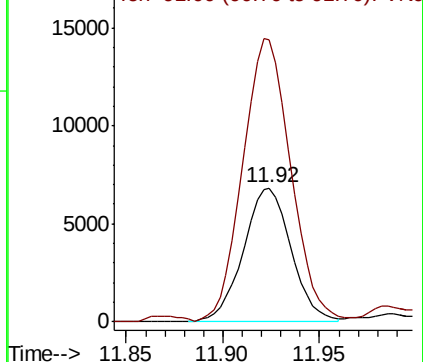


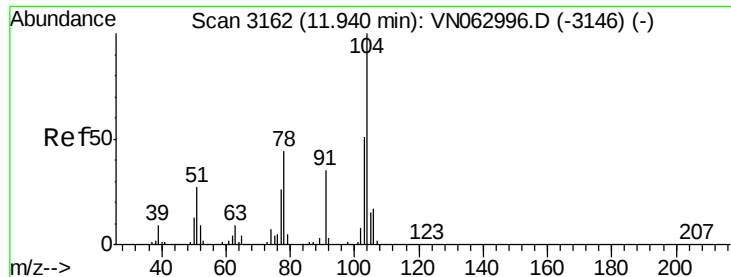
#69
o-Xylene
Concen: 3.465 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Tgt Ion:106 Resp: 11723
Ion Ratio Lower Upper
106 100
91 213.4 107.3 321.9



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

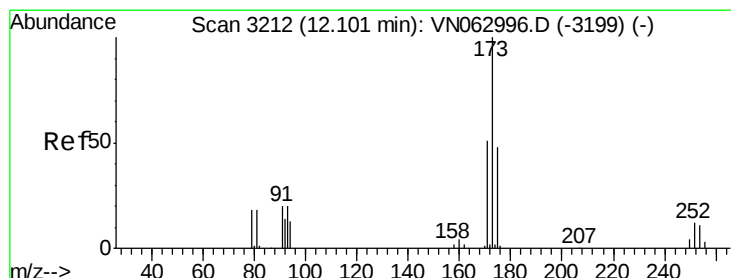
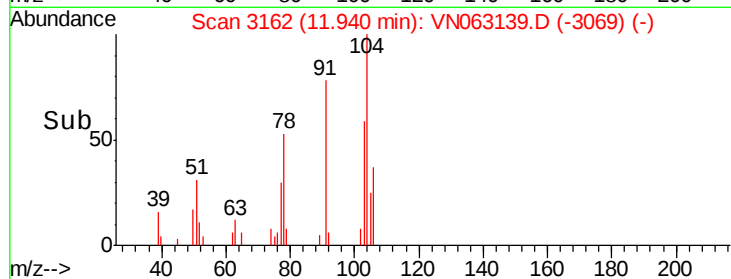
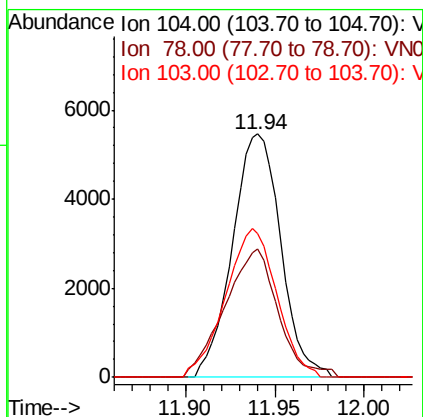
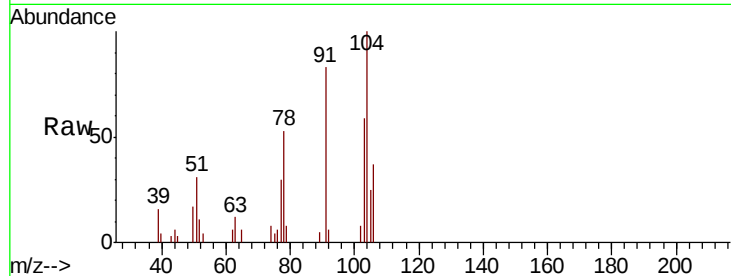




#70
Stvrene
Concen: 3.400 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

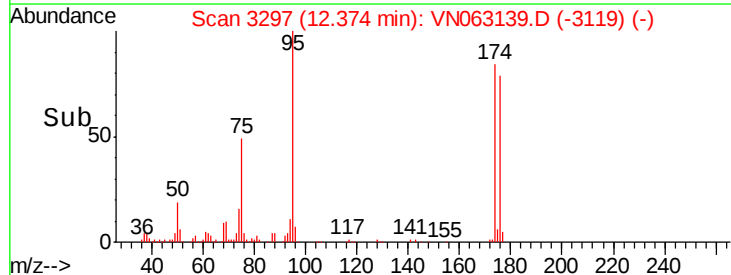
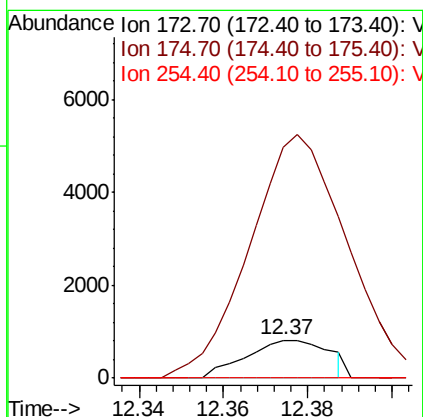
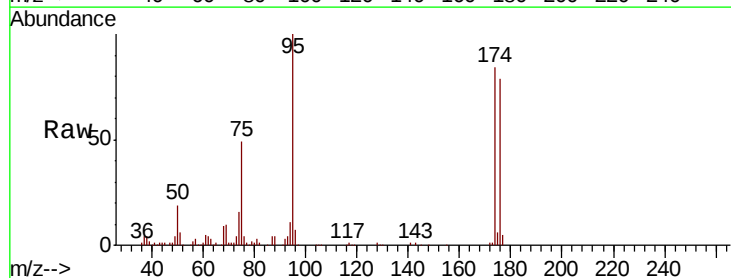
Instrument :
MSVOA_N
ClientSampled :
COMP-1

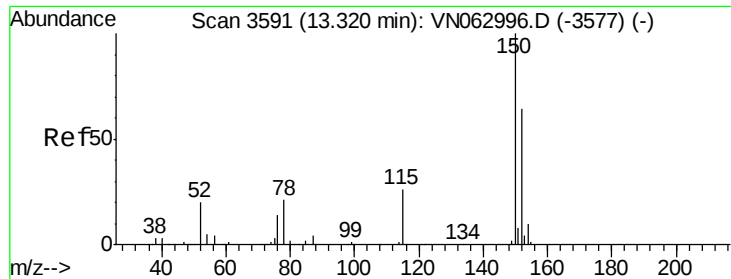
Tot Ion:104 Resp: 10309
Ion Ratio Lower Upper
104 100
78 58.1 39.0 58.6
103 64.7 44.3 66.5



#71
Bromoform
Concen: 0.639 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Tgt Ion:173 Resp: 1110
Ion Ratio Lower Upper
173 100
175 633.4 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

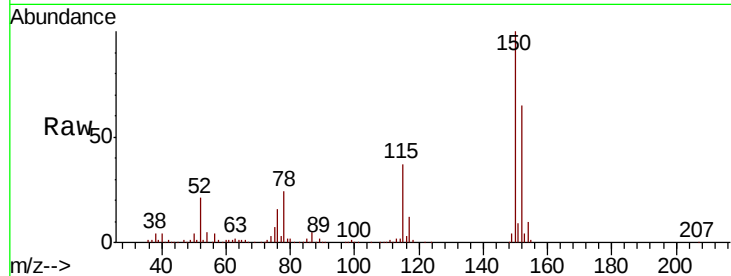
Tot Ion:152 Resp: 133702

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.3

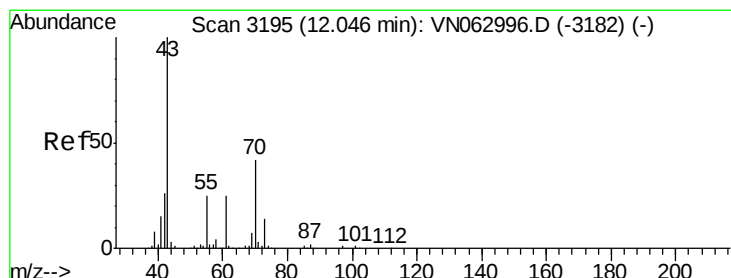
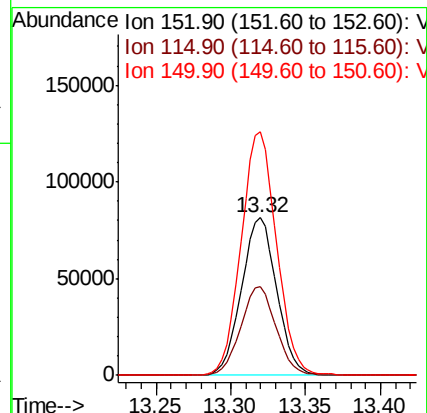
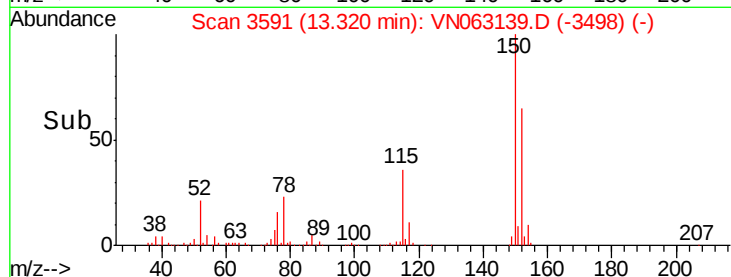
150 155.1 0.0 348.8



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: 0.313 ug/l

RT: 12.01 min Scan# 3184

Delta R.T. -0.04 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Tgt Ion: 43 Resp: 1025

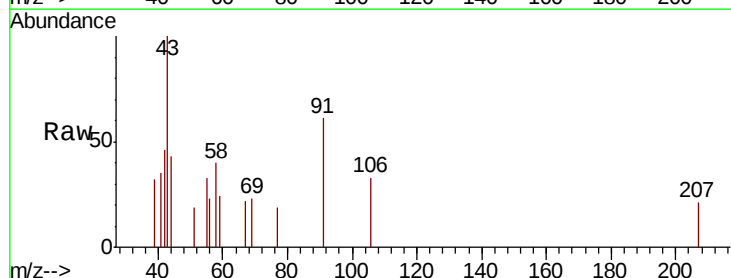
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 68.6 20.2 30.2#

61 0.0 19.9 29.9#

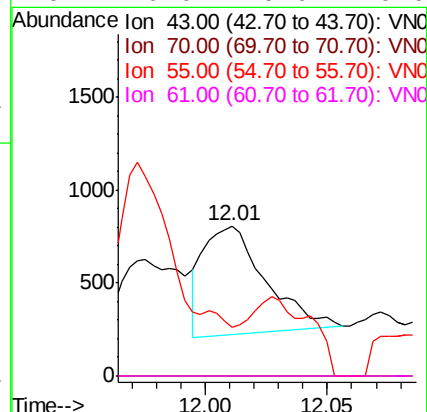
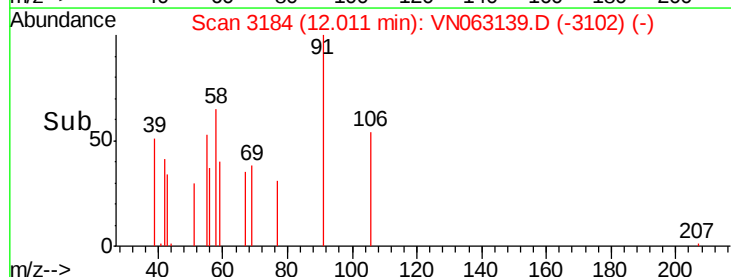


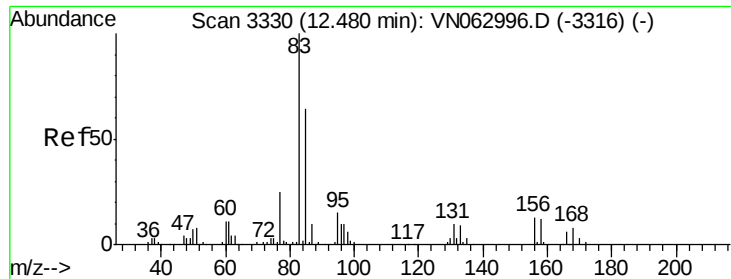
Abundance Ion 43.00 (42.70 to 43.70): VNO

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# 3321

Delta R.T. -0.03 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampled :

COMP-1

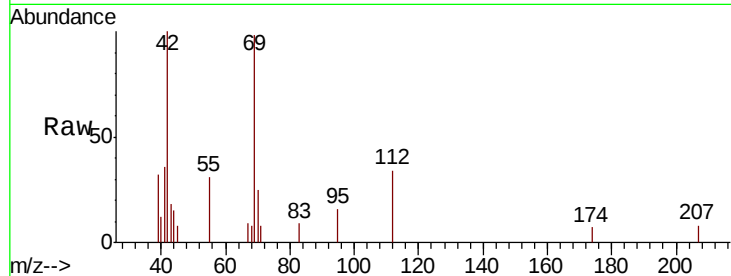
Tot Ion: 83 Resp: 66

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

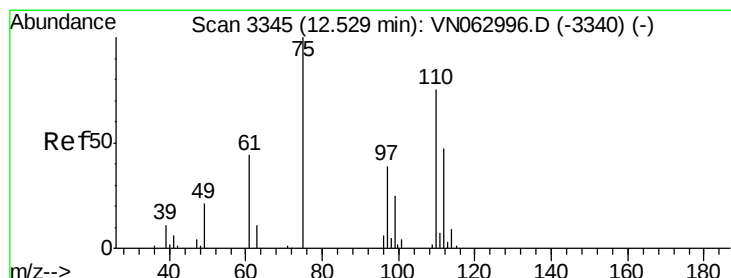
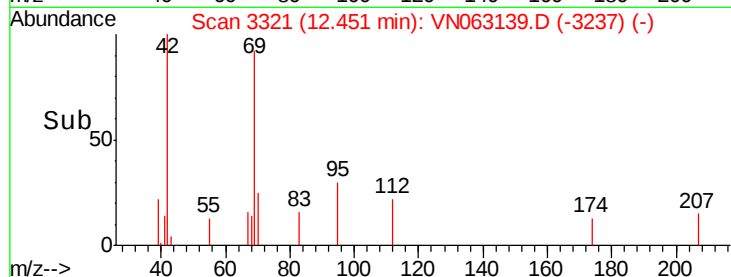
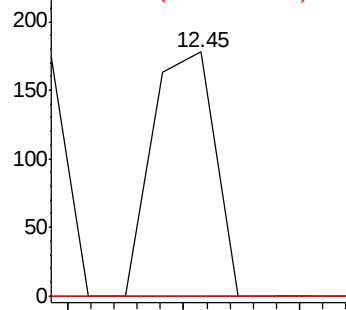
85 0.0 31.9 95.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 24.887 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063139.D

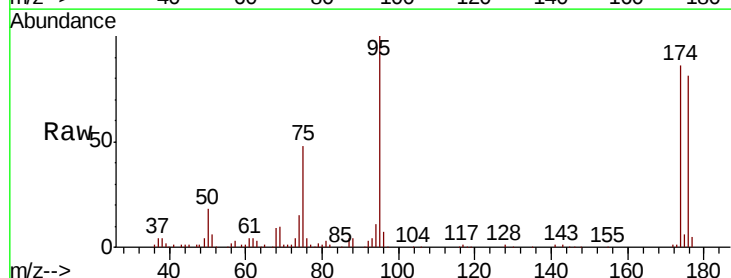
Acq: 26 Aug 2020 17:47

Tgt Ion: 75 Resp: 64678

Ion Ratio Lower Upper

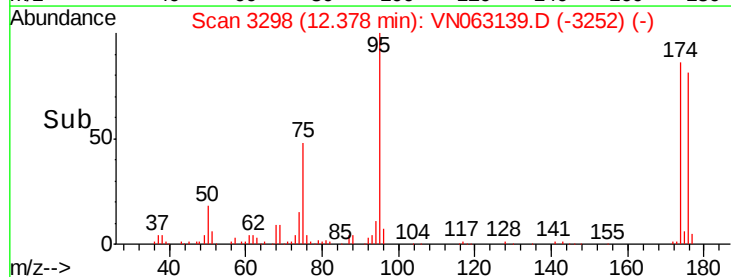
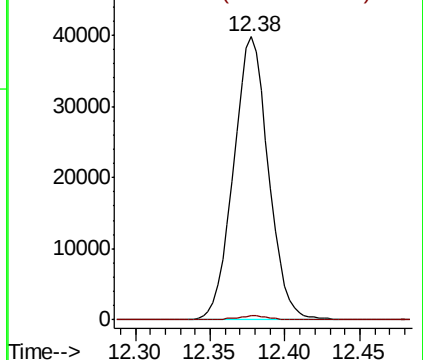
75 100

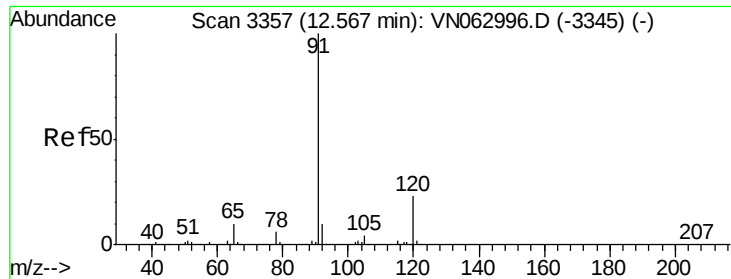
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.451 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampled :

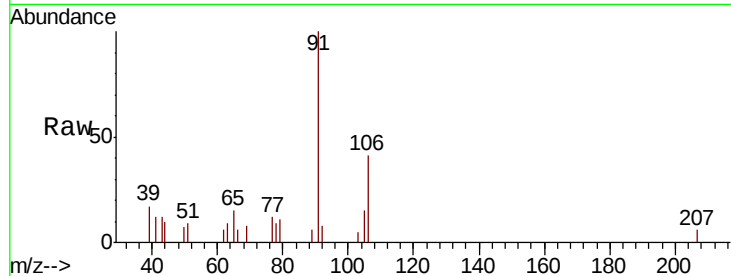
COMP-1

Tot Ion: 91 Resp: 4706

Ion Ratio Lower Upper

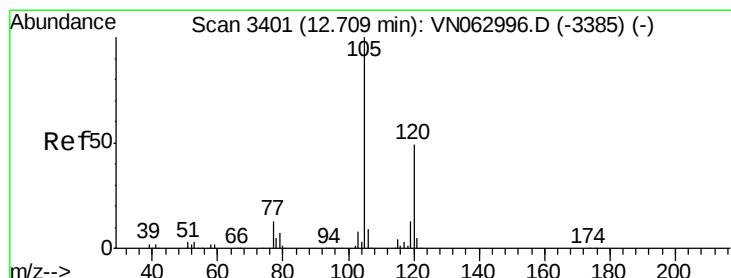
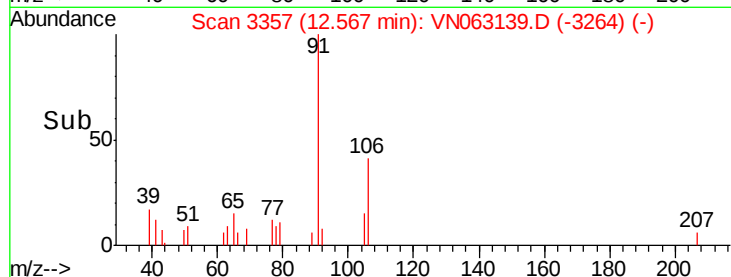
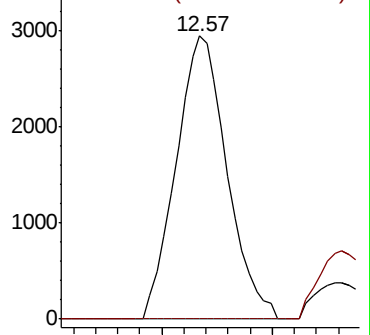
91 100

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) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.523 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063139.D

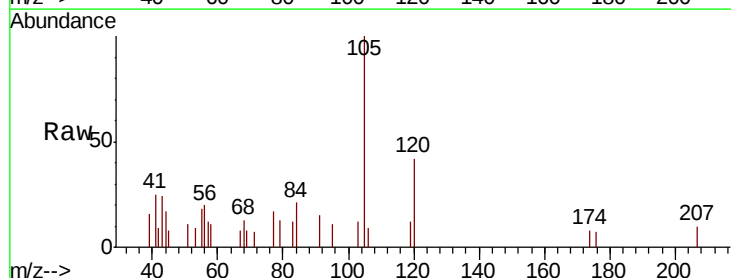
Acq: 26 Aug 2020 17:47

Tgt Ion: 105 Resp: 3958

Ion Ratio Lower Upper

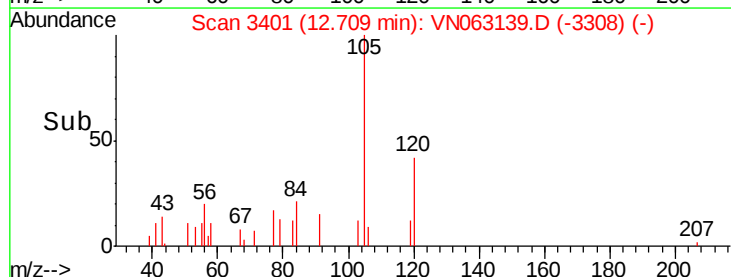
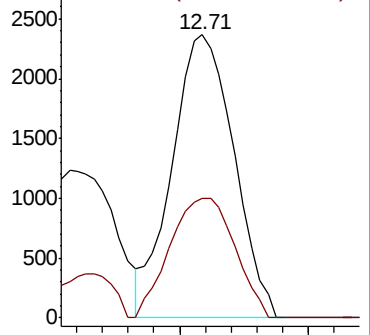
105 100

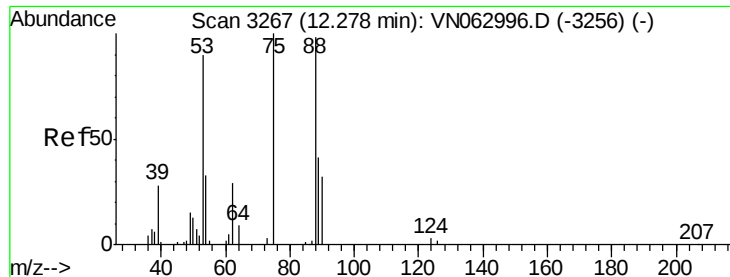
120 44.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN062996.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062996.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 68.351 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampled :

COMP-1

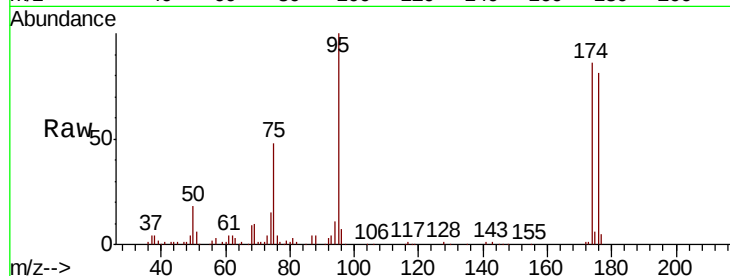
Tot Ion: 75 Resp: 64678

Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

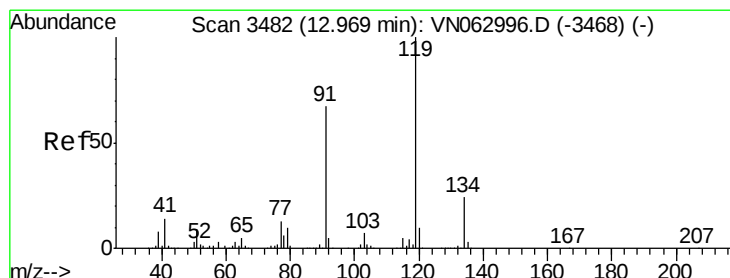
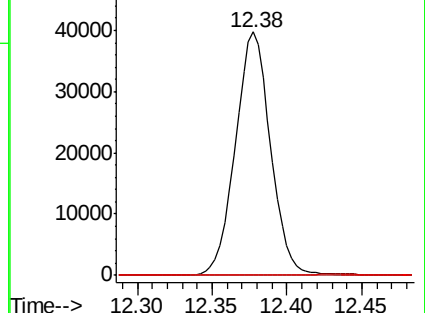
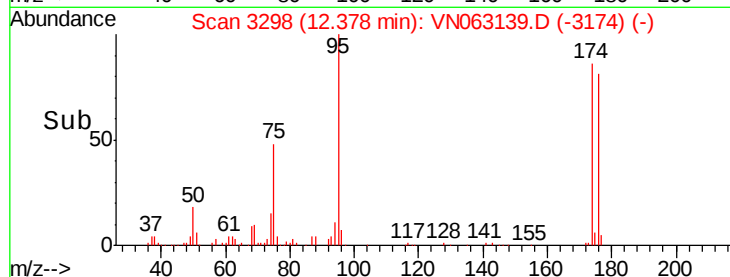
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VN063139.D (-3174) (-)

Ion 53.00 (52.70 to 53.70): VN063139.D (-3174) (-)

Ion 88.90 (88.60 to 89.60): VN063139.D (-3174) (-)



#83

tert-Butylbenzene

Concen: 0.641 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.05 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

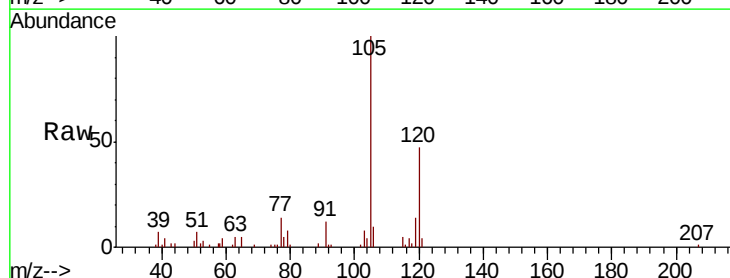
Tgt Ion: 119 Resp: 4190

Ion Ratio Lower Upper

119 100

91 95.0 32.5 97.4

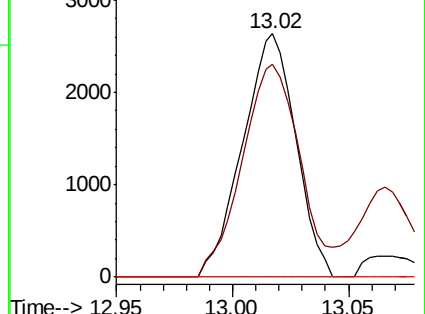
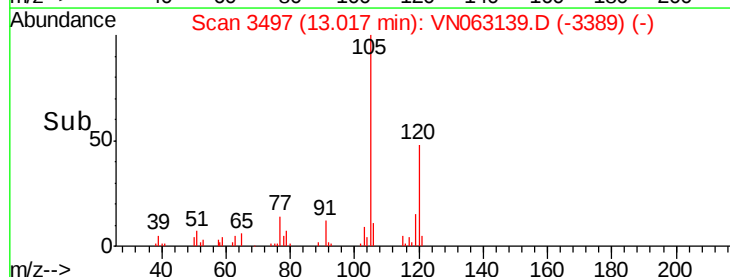
134 0.0 13.1 39.3#

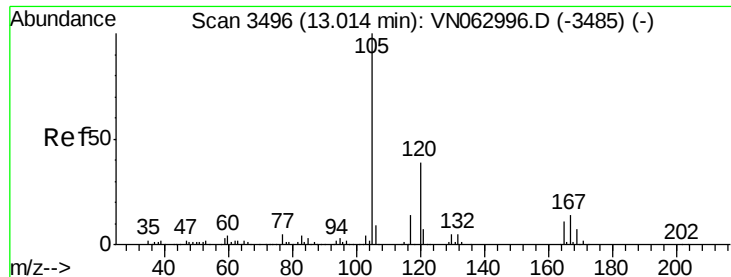


Abundance Ion 119.00 (118.70 to 119.70): VN063139.D (-3389) (-)

Ion 91.00 (90.70 to 91.70): VN063139.D (-3389) (-)

Ion 134.00 (133.70 to 134.70): VN063139.D (-3389) (-)

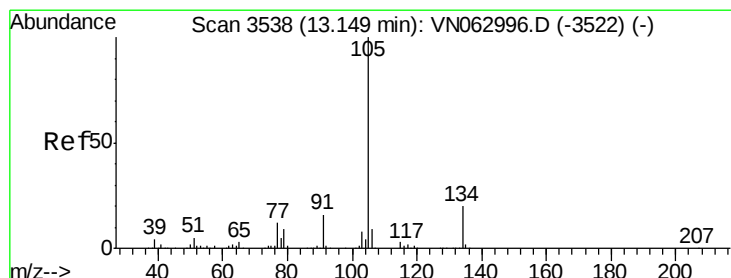
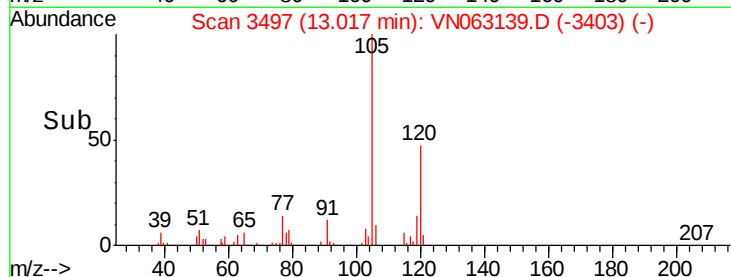
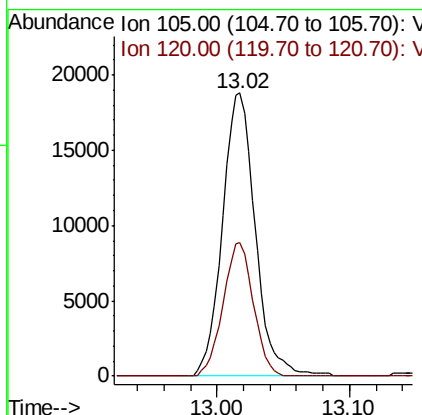
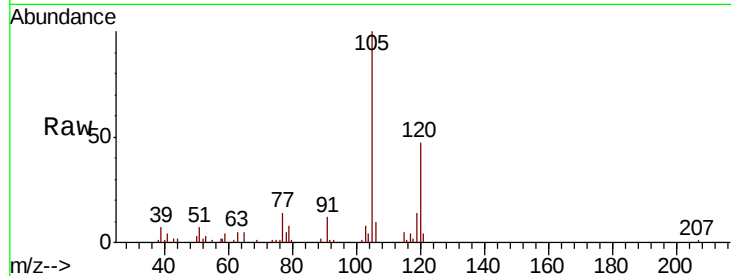




#84
1,2,4-Trimethylbenzene
Concen: 4.393 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

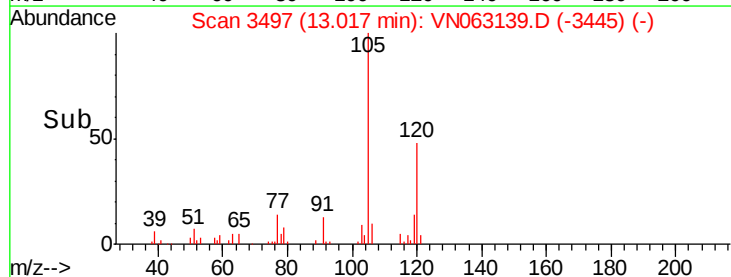
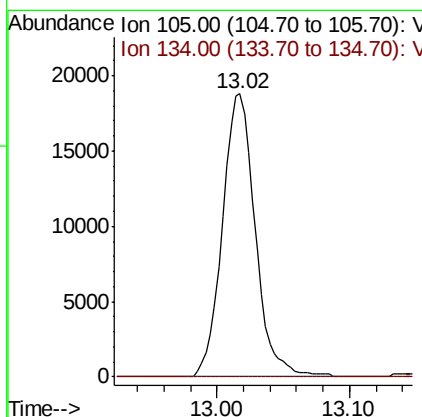
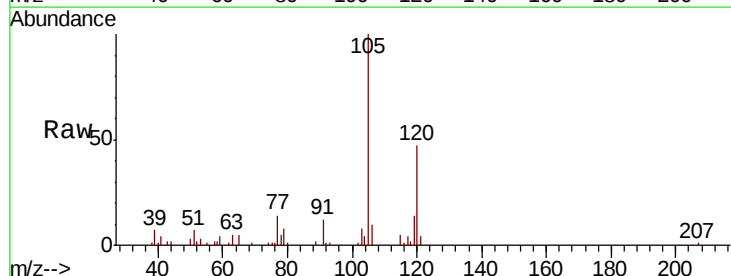
Instrument :
MSVOA_N
ClientSampled :
COMP-1

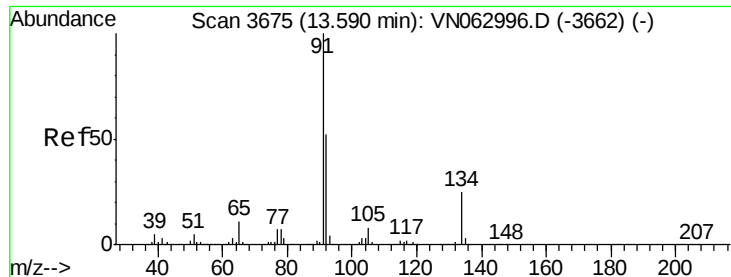
Tot Ion:105 Resp: 32389
Ion Ratio Lower Upper
105 100
120 43.2 22.5 67.5



#85
sec-Butylbenzene
Concen: 3.669 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. -0.13 min
Lab File: VN063139.D
Acq: 26 Aug 2020 17:47

Tgt Ion:105 Resp: 32389
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#89

n-Butylbenzene

Concen: 2.828 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063139.D

Acq: 26 Aug 2020 17:47

Instrument :

MSVOA_N

ClientSampled :

COMP-1

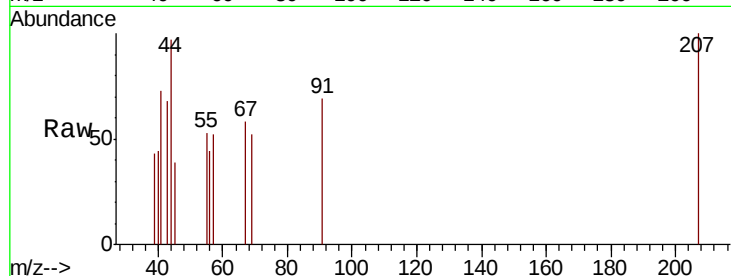
Tot Ion: 91 Resp: 440

Ion Ratio Lower Upper

91 100

92 0.0 25.9 77.6#

134 0.0 12.4 37.0#



Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062996.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062996.D (-3662) (-)

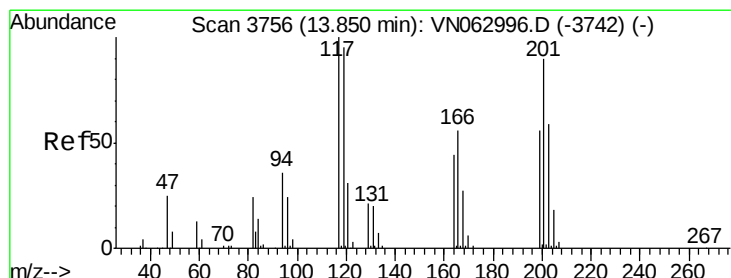
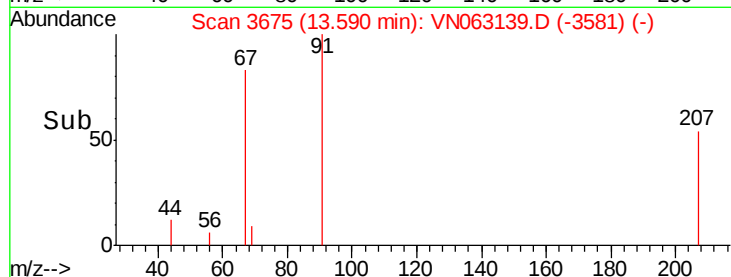
13.59

200

100

0

Time-->



#90

Hexachloroethane

Concen: 0.248 ug/l

RT: 13.82 min Scan# 3747

Delta R.T. -0.03 min

Lab File: VN063139.D

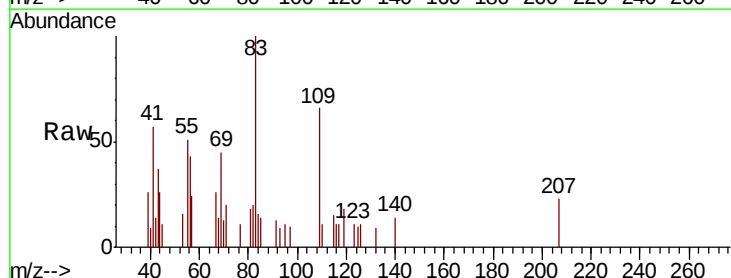
Acq: 26 Aug 2020 17:47

Tgt Ion: 117 Resp: 406

Ion Ratio Lower Upper

117 100

201 0.0 44.1 132.4#



Abundance Ion 116.80 (116.50 to 117.50): VN062996.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062996.D (-3742) (-)

13.82

200

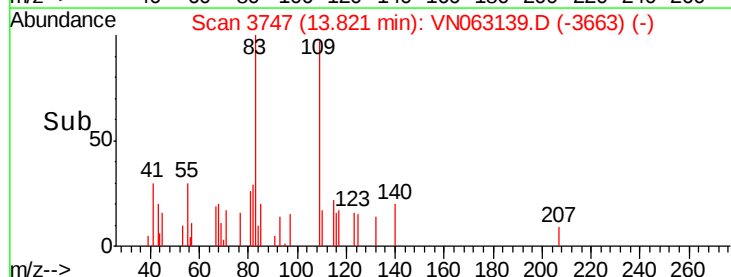
150

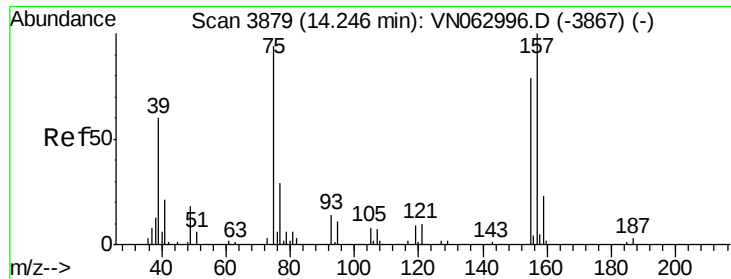
100

50

0

Time-->

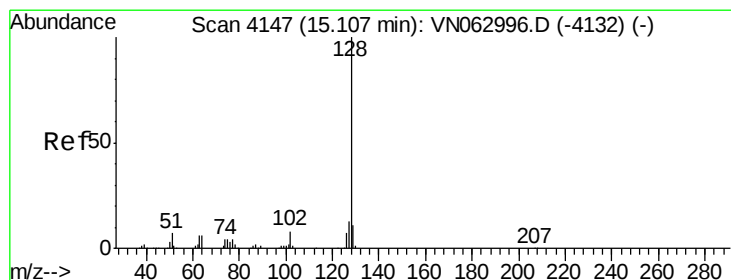
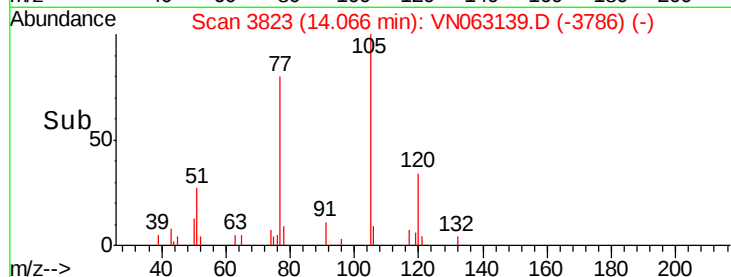
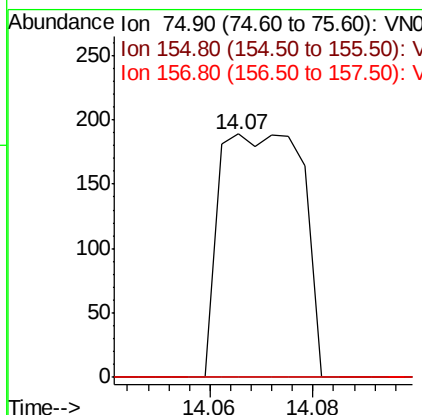
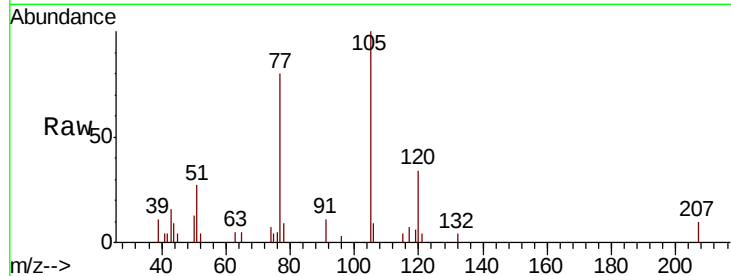




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.455 ug/l
 RT: 14.07 min Scan# 3823
 Delta R.T. -0.18 min
 Lab File: VN063139.D
 Acq: 26 Aug 2020 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Tot Ion: 75 Resp: 210
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.4 127.1#
 157 0.0 55.2 165.6#



#95
 Naphthalene
 Concen: 67.126 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: VN063139.D
 Acq: 26 Aug 2020 17:47

Tgt Ion: 128 Resp: 369713
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.6 16.0
 129 10.7 8.9 13.3

