

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063120.D
 Acq On : 25 Aug 2020 18:39
 Operator : JC/MD
 Sample : L3792-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: Aug 26 05:42:05 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	163181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	98720	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
35) Dibromofluoromethane	7.55	113	80334	44.37	ug/l	0.00
Spiked Amount			Recovery	=	88.74%	
50) Toluene-d8	10.06	98	346589	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.38	95	131874	53.74	ug/l	0.00
Spiked Amount			Recovery	=	107.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	853	0.381	ug/l	98
11) Tert butyl alcohol	4.73	59	107196	391.308	ug/l	98
14) Allyl chloride	4.22	41	2227	0.912	ug/l #	43
15) Acrylonitrile	4.74	53	384	0.477	ug/l #	1
16) Acetone	3.78	43	343844	575.236	ug/l	98
17) Carbon Disulfide	4.01	76	2505	0.691	ug/l #	94
18) Methyl Acetate	4.29	43	75859	39.470	ug/l	99
20) Methylene Chloride	4.51	84	1217	Below Cal	#	92
25) 2-Butanone	6.80	43	20188	19.662	ug/l	91
26) 2,2-Dichloropropane	6.77	77	756	0.310	ug/l #	52
29) Tetrahydrofuran	7.17	42	1224	1.847	ug/l #	72
31) Cyclohexane	7.63	56	3683	1.292	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11632	4.751	ug/l #	46
37) Ethyl Acetate	6.80	43	20188	8.799	ug/l #	68
38) Carbon Tetrachloride	7.63	117	14736	5.961	ug/l #	18
39) Methylcyclohexane	9.05	83	254	1.637	ug/l #	18
40) Benzene	8.00	78	129541	16.681	ug/l	99
41) Methacrylonitrile	7.17	41	1812	1.658	ug/l #	27
42) 1,2-Dichloroethane	8.01	62	1095	0.420	ug/l #	75
43) Isopropyl Acetate	8.29	43	100858	26.536	ug/l #	53
49) 1,4-Dioxane	9.17	88	4532	128.062	ug/l #	75
51) 4-Methyl-2-Pentanone	9.96	43	21398	8.907	ug/l	97
52) Toluene	10.13	92	67857	14.485	ug/l	99
53) t-1,3-Dichloropropene	10.13	75	661	0.225	ug/l #	1
55) 1,1,2-Trichloroethane	10.39	97	1396	0.697	ug/l #	14
56) Ethyl methacrylate	10.38	69	233	1.813	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.68	63	862	13.290	ug/l #	49
59) 2-Hexanone	10.73	43	1182	0.705	ug/l	98
67) Ethyl Benzene	11.49	91	19469	2.115	ug/l	91
68) m/p-Xylenes	11.59	106	29180	8.528	ug/l	97
69) o-Xylene	11.92	106	13678	4.163	ug/l	100
70) Styrene	11.94	104	11973	3.689	ug/l #	85
71) Bromoform	12.38	173	1024	0.607	ug/l #	1
74) N-amyl acetate	12.01	43	2194	0.679	ug/l #	43

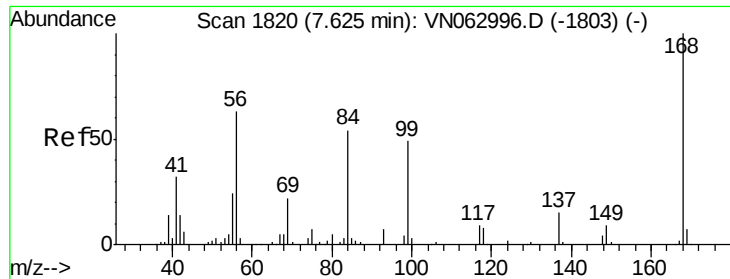
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.44	83	350	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.38	75	63308	24.736	ug/l #	100
78) n-propylbenzene	12.57	91	6763	0.658	ug/l #	59
79) 2-Chlorotoluene	12.88	91	1436	0.222	ug/l	84
80) 1,3,5-Trimethylbenzene	12.71	105	5230	0.702	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.38	75	63308	67.937	ug/l #	16
82) 4-Chlorotoluene	12.88	91	1478	0.225	ug/l	85
83) tert-Butylbenzene	13.01	119	5241	0.815	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.02	105	40469	5.573	ug/l	97
85) sec-Butylbenzene	13.02	105	40469	4.655	ug/l #	57
89) n-Butylbenzene	13.58	91	126	2.787	ug/l #	1
90) Hexachloroethane	13.83	117	926	0.575	ug/l #	5
95) Naphthalene	15.11	128	438488	79.690	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: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

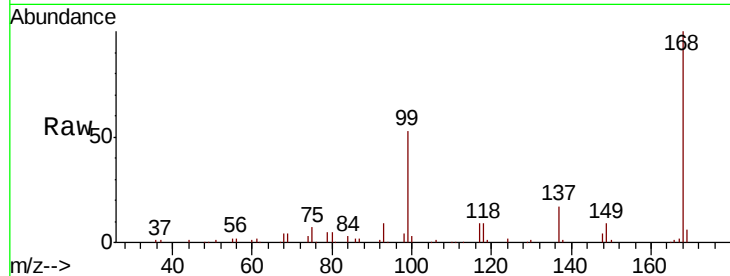
COMP-1

Tot Ion:168 Resp: 163181

Ion Ratio Lower Upper

168 100

99 53.0 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

80000

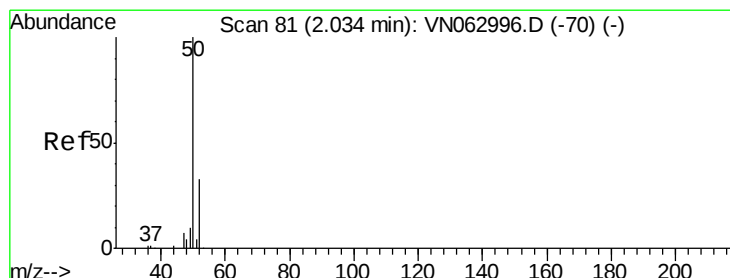
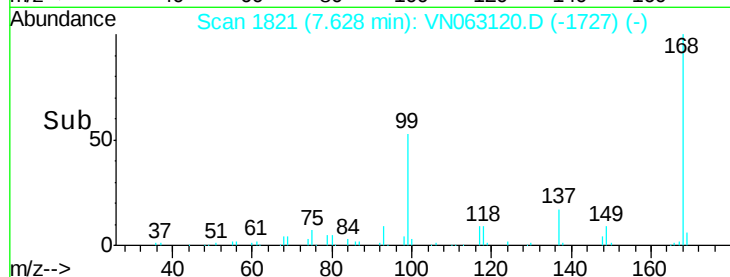
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.381 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063120.D

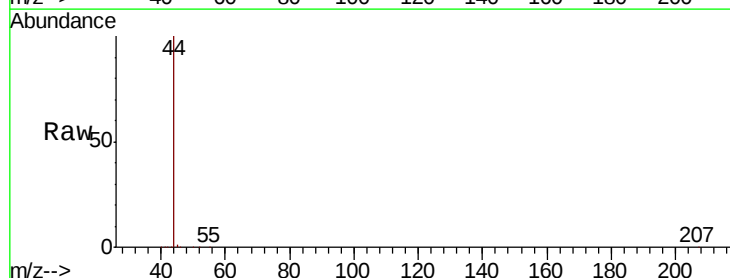
Acq: 25 Aug 2020 18:39

Tgt Ion: 50 Resp: 853

Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

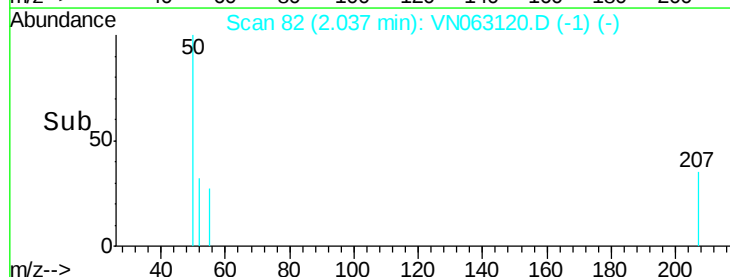
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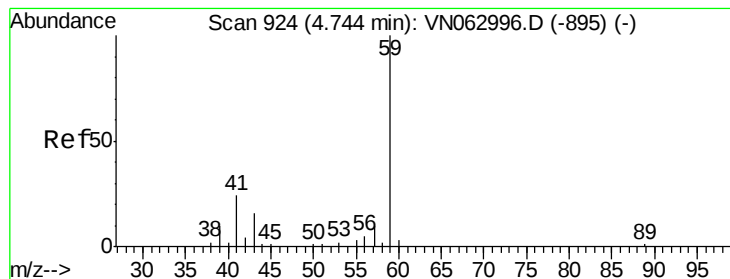
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08



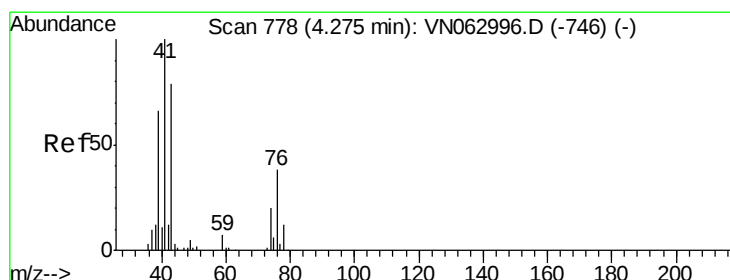
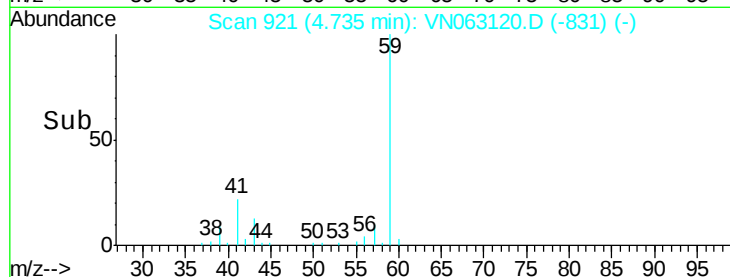
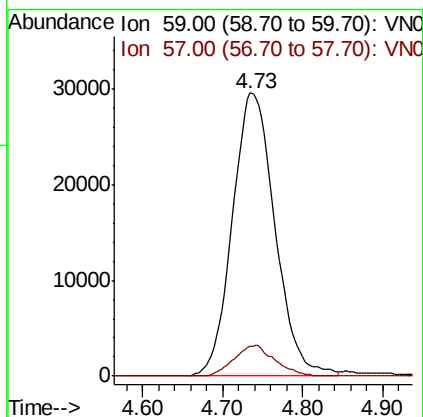
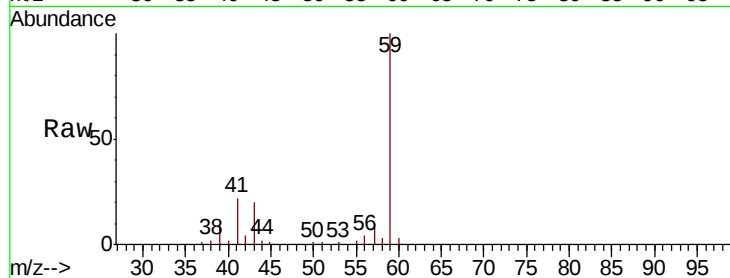


#11

Tert butyl alcohol
 Concen: 391.308 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

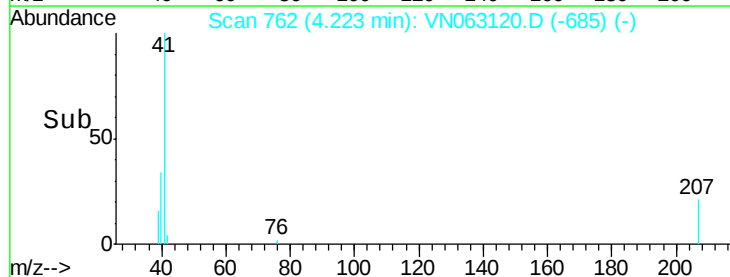
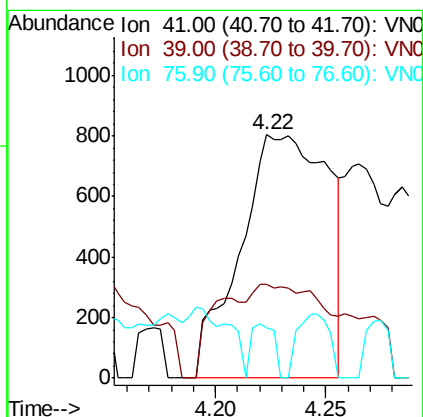
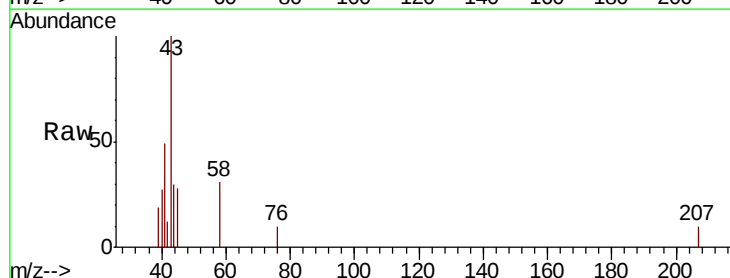
Tot Ion: 59 Resp: 107196
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

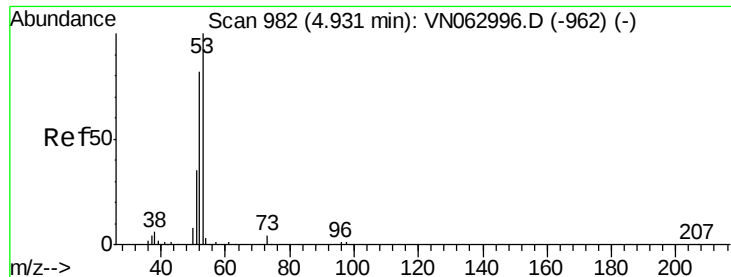


#14

Allyl chloride
 Concen: 0.912 ug/l
 RT: 4.22 min Scan# 762
 Delta R.T. -0.05 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

Tgt Ion: 41 Resp: 2227
 Ion Ratio Lower Upper
 41 100
 39 14.0 47.9 71.9#
 76 5.8 27.0 40.6#





#15

Acrylonitrile

Concen: 0.477 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.19 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

COMP-1

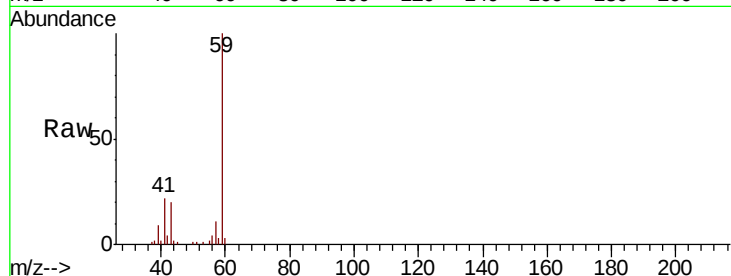
Tot Ion: 53 Resp: 384

Ion Ratio Lower Upper

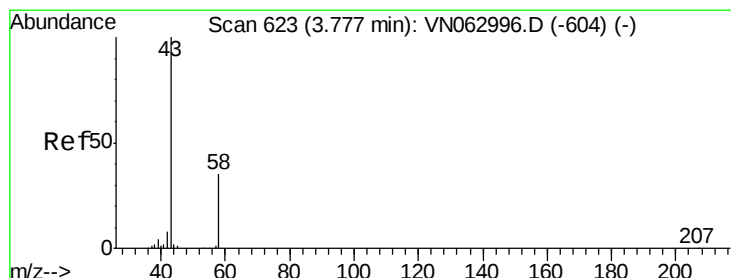
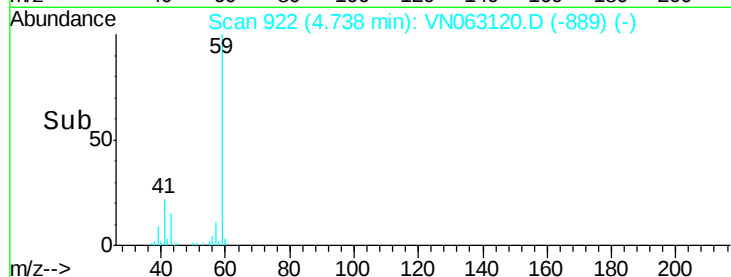
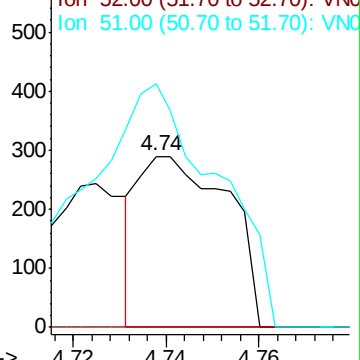
53 100

52 0.0 65.6 98.4#

51 205.2 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VN063120.D (-889) (-)



#16

Acetone

Concen: 575.236 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063120.D

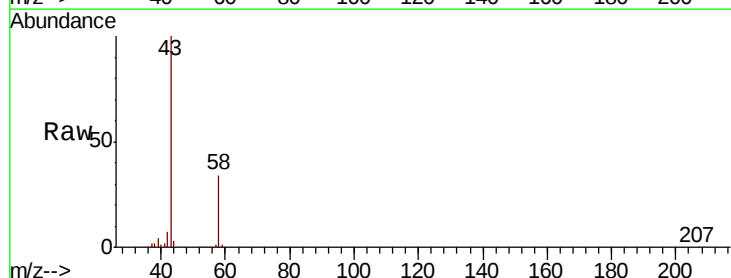
Acq: 25 Aug 2020 18:39

Tgt Ion: 43 Resp: 343844

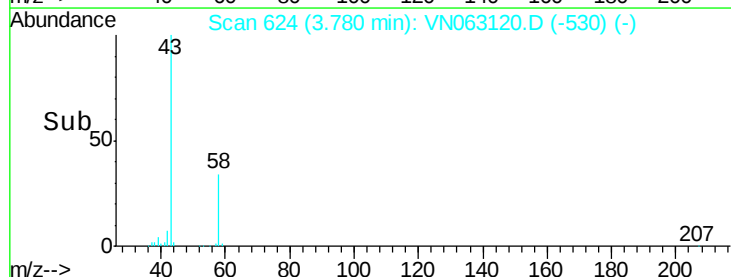
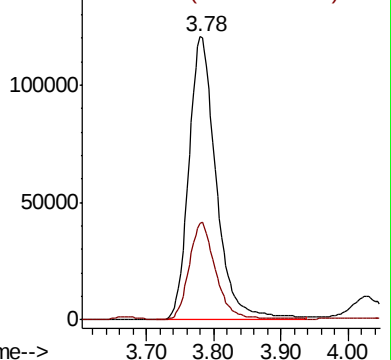
Ion Ratio Lower Upper

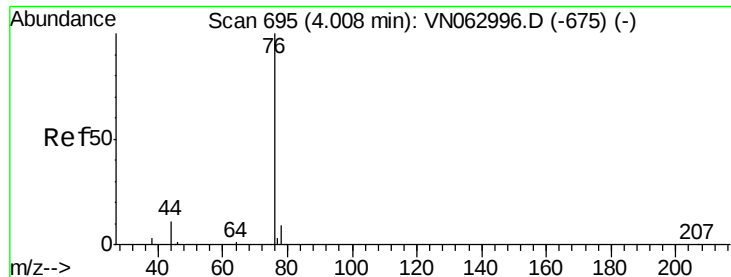
43 100

58 33.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN063120.D (-530) (-)

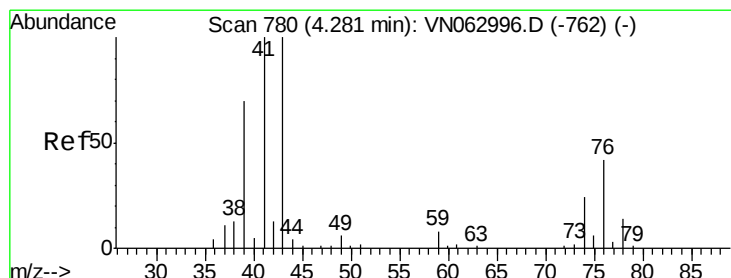
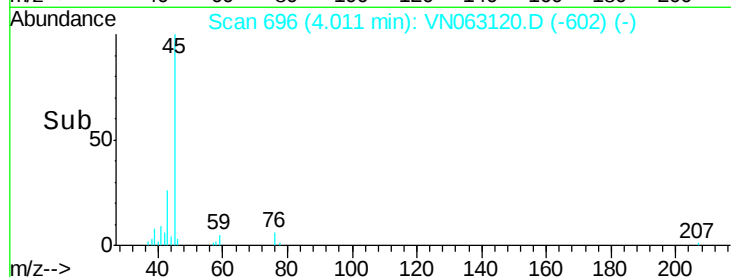
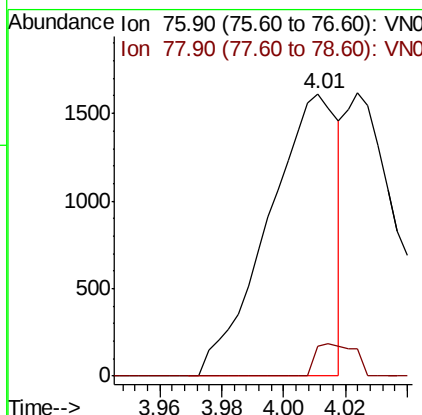
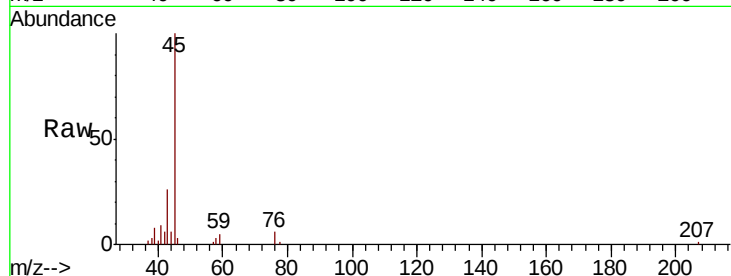




#17
Carbon Disulfide
Concen: 0.691 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

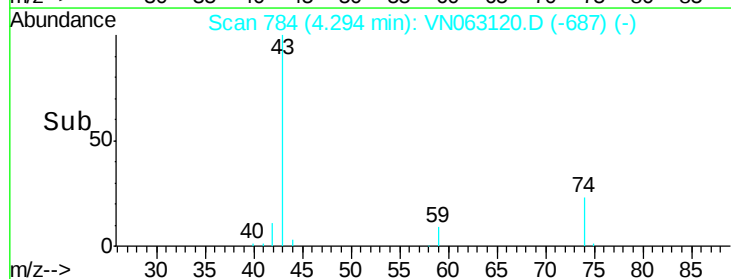
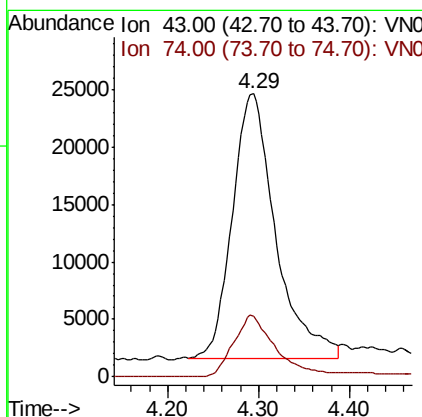
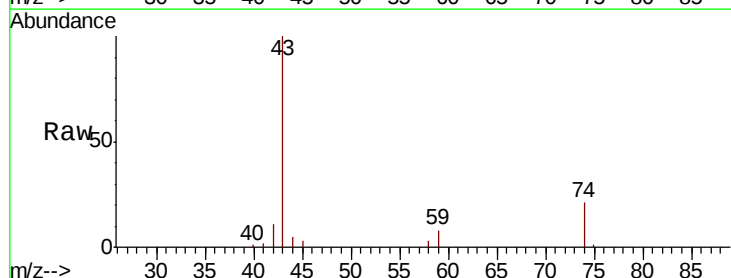
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

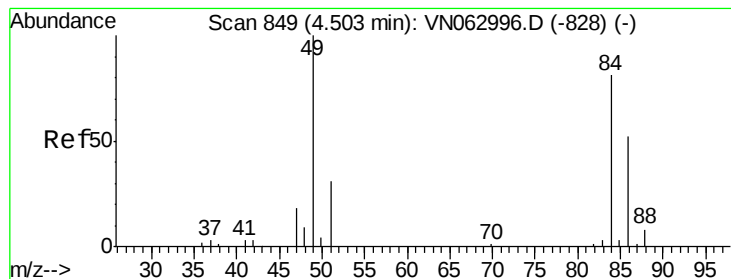
Tot Ion: 76 Resp: 2505
Ion Ratio Lower Upper
76 100
78 10.8 6.9 10.3#



#18
Methyl Acetate
Concen: 39.470 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

Tgt Ion: 43 Resp: 75859
Ion Ratio Lower Upper
43 100
74 22.8 18.6 28.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.51 min Scan# 851

Delta R.T. 0.01 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

COMP-1

Tot Ion: 84 Resp: 1217

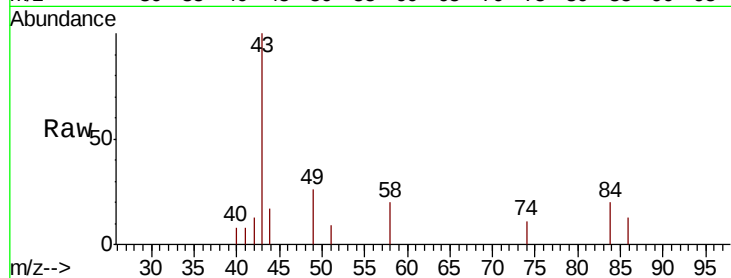
Ion Ratio Lower Upper

84 100

49 133.8 98.7 148.1

51 47.2 30.8 46.2#

86 66.2 51.2 76.8

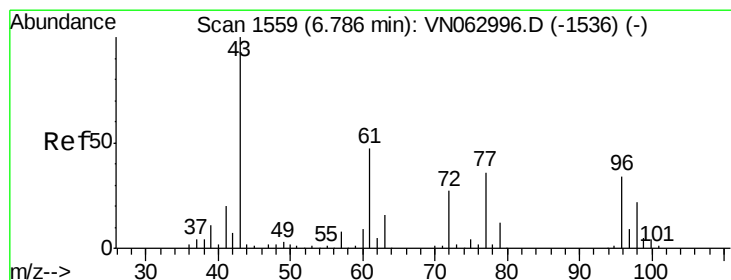
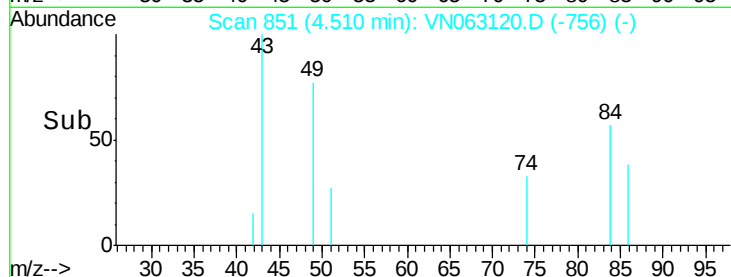
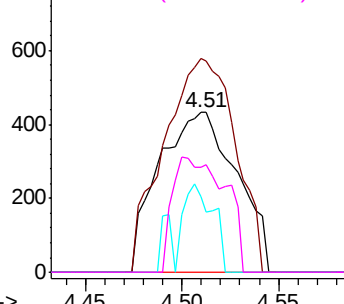


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 19.662 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN063120.D

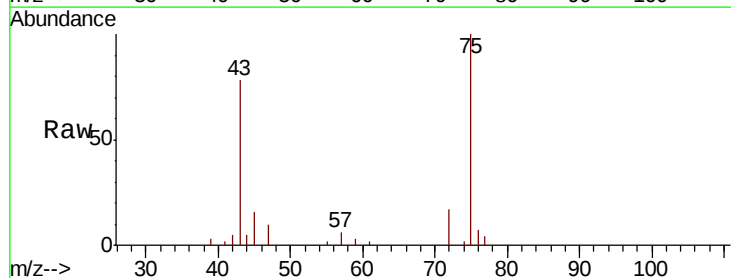
Acq: 25 Aug 2020 18:39

Tgt Ion: 43 Resp: 20188

Ion Ratio Lower Upper

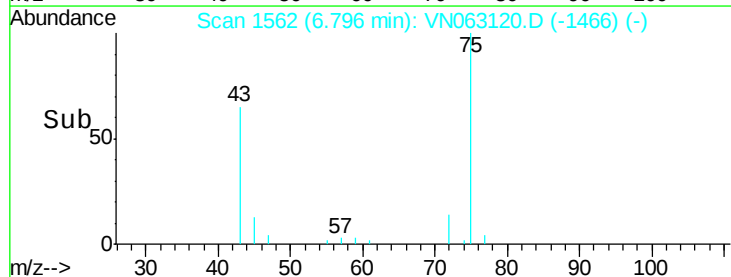
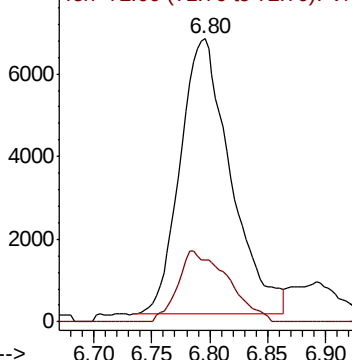
43 100

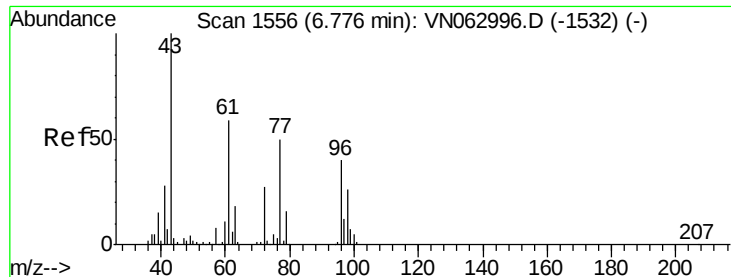
72 22.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

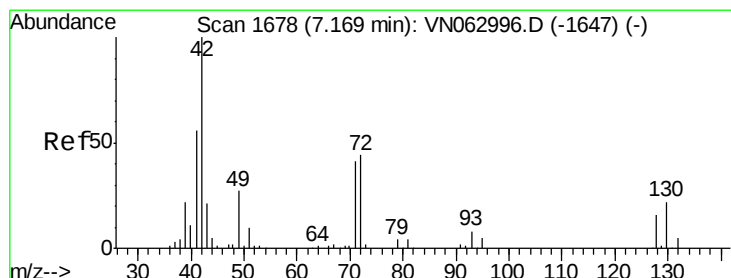
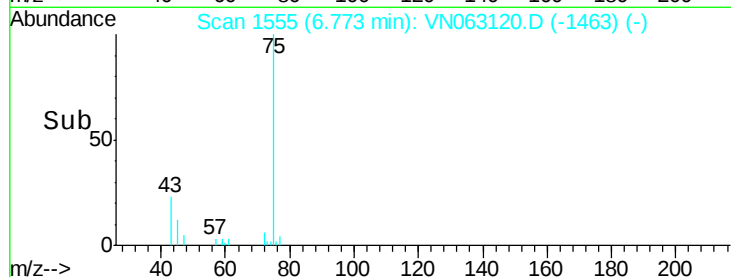
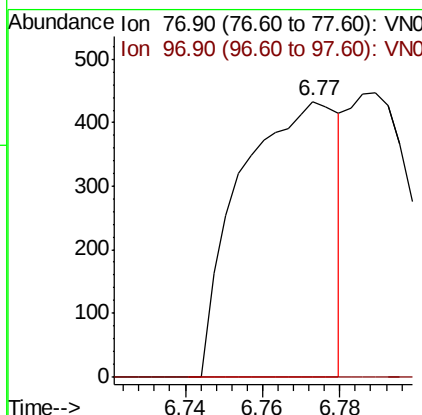
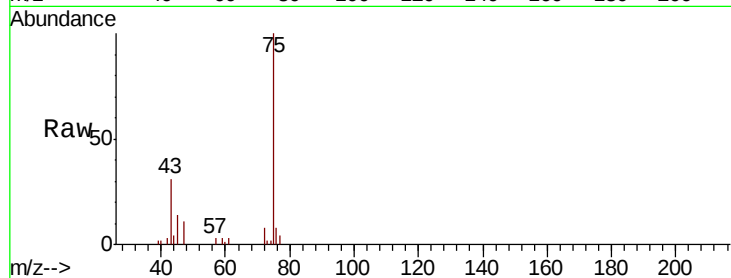




#26
 2,2-Dichloropropane
 Concen: 0.310 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

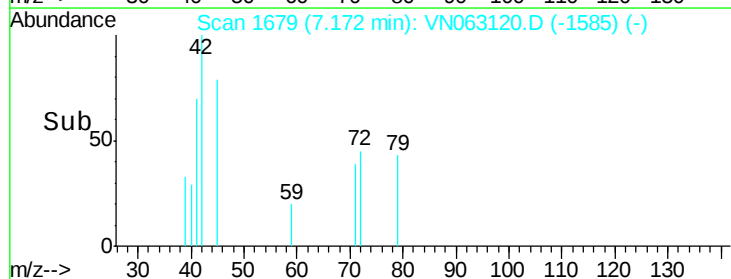
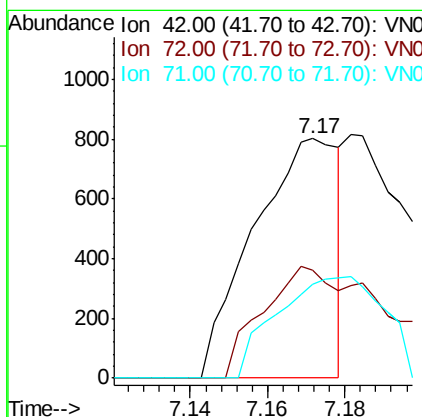
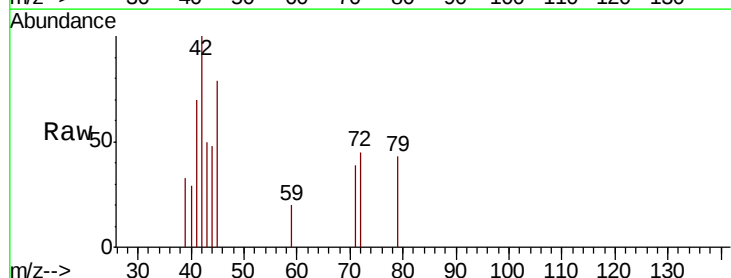
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

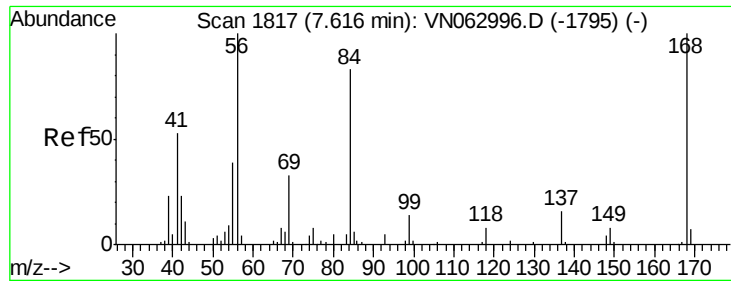
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 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.1#



#29
 Tetrahydrofuran
 Concen: 1.847 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

Tgt Ion: 42 Resp: 1224
 Ion Ratio Lower Upper
 42 100
 72 65.5 34.6 52.0#
 71 53.0 32.3 48.5#

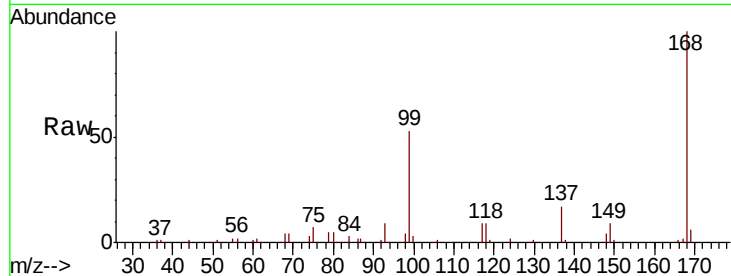




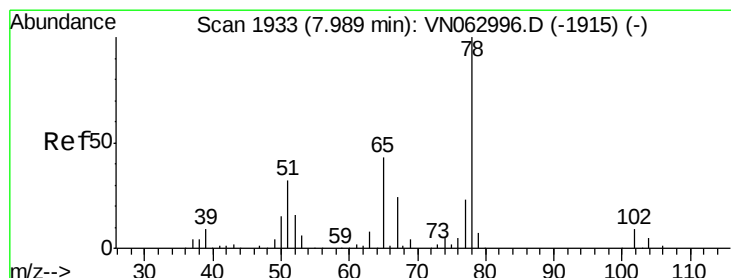
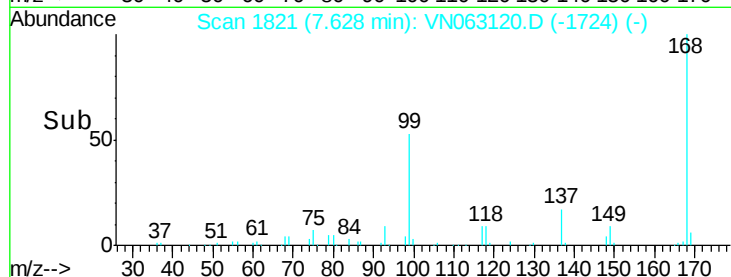
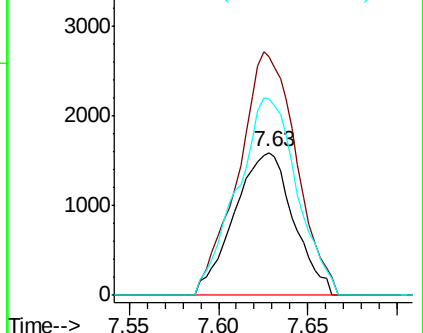
#31
Cyclohexane
Concen: 1.292 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.01 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

Instrument :
MSVOA_N
ClientSampleId :
COMP-1

Tot Ion: 56 Resp: 3683
Ion Ratio Lower Upper
56 100
69 167.0 26.6 40.0#
84 138.0 66.4 99.6#

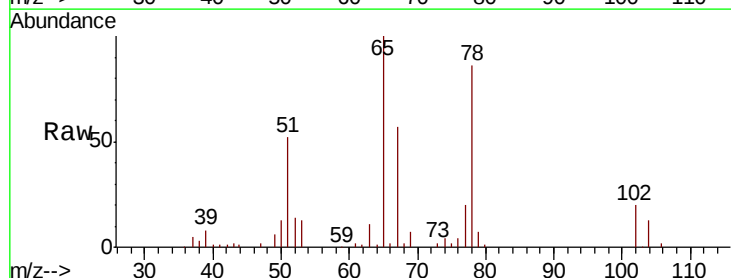


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

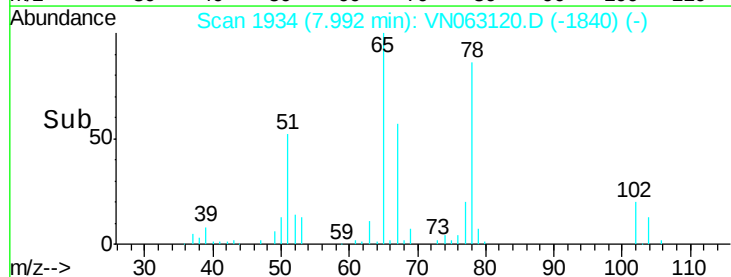
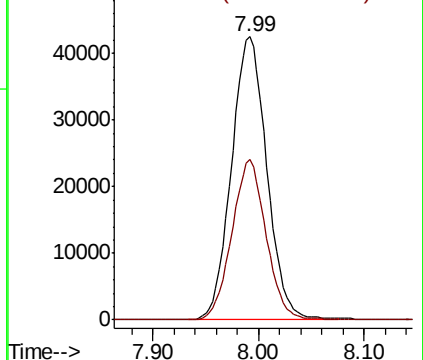


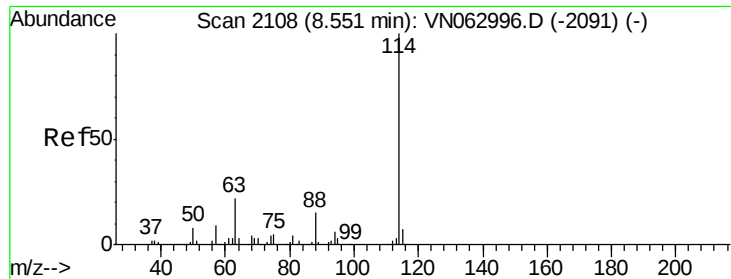
#33
1,2-Dichloroethane-d4
Concen: 51.044 ug/l
RT: 7.99 min Scan# 1934
Delta R.T. 0.00 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

Tgt Ion: 65 Resp: 98720
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.0



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

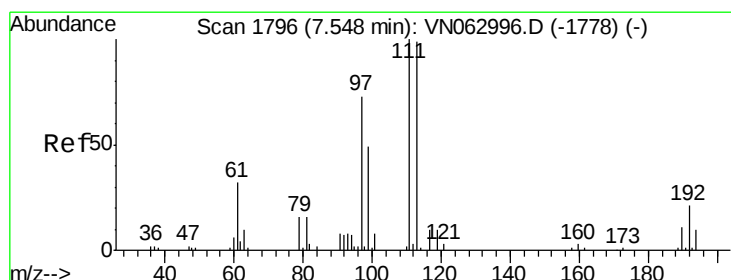
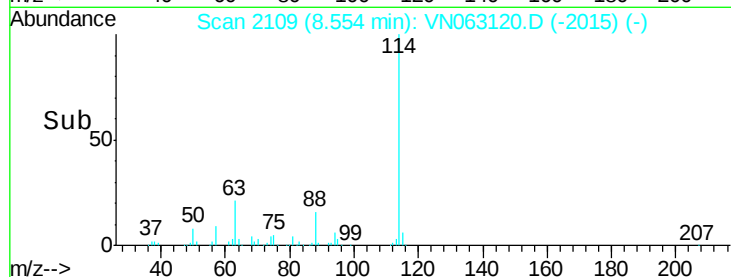
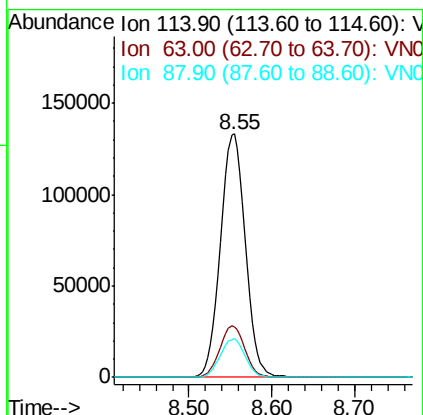
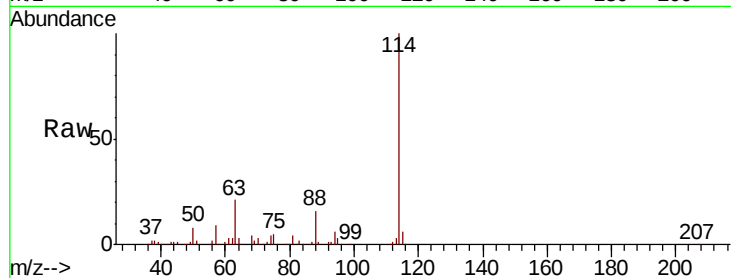




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

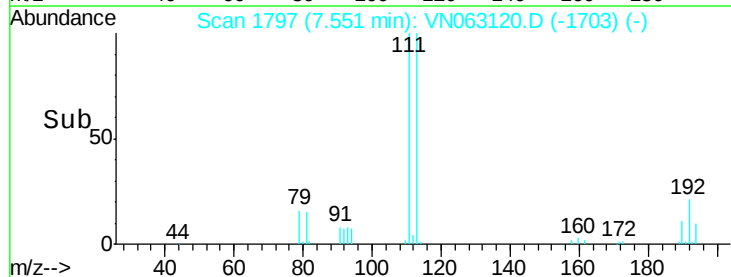
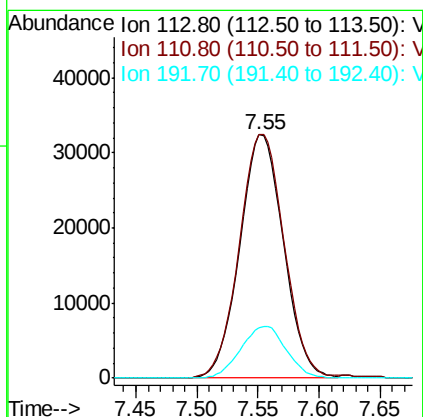
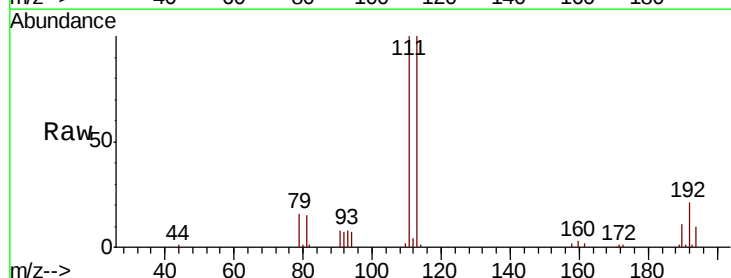
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

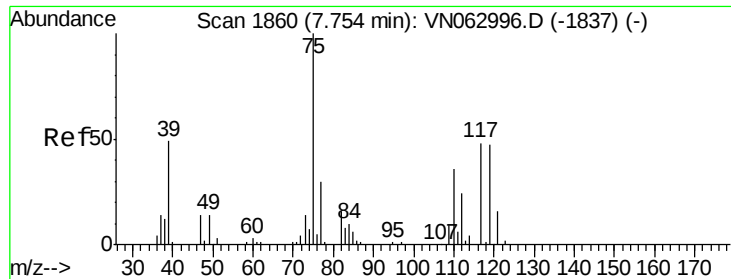
Tot Ion:114 Resp: 277839
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.7 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 44.374 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

Tgt Ion:113 Resp: 80334
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 22.1 17.5 26.3

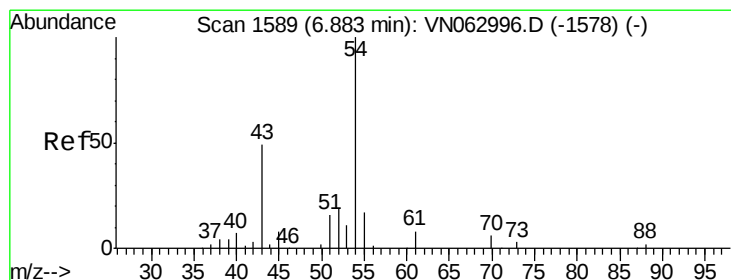
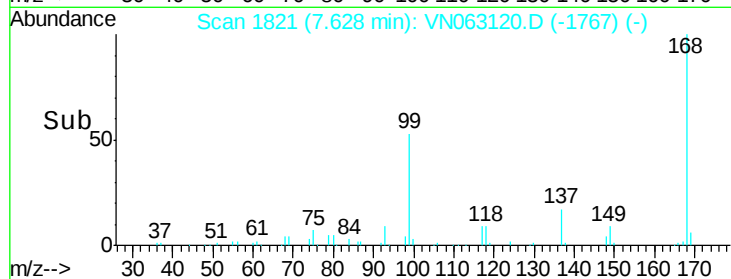
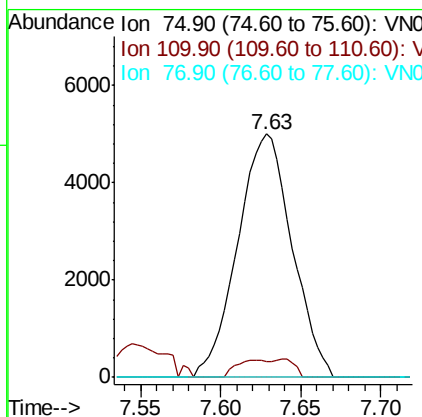
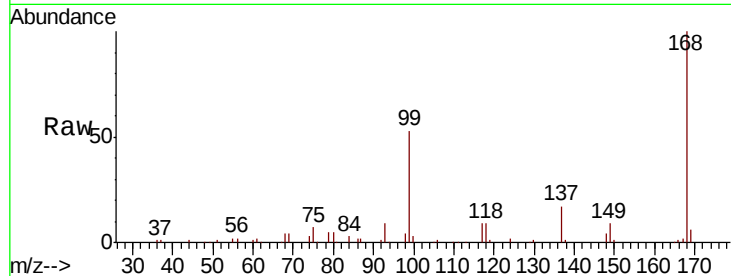




#36
 1,1-Dichloropropene
 Concen: 4.751 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.13 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

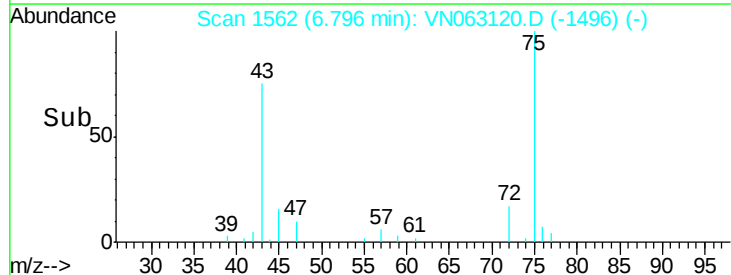
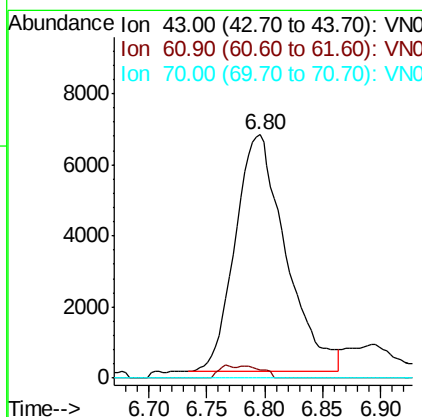
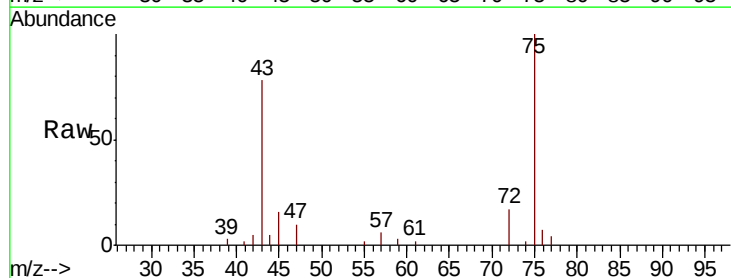
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

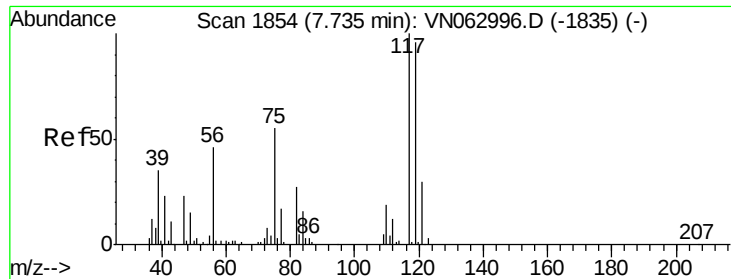
Tot Ion	75	Resp	11632
Ion Ratio	Lower	Upper	
75	100		
110	4.0	17.5	52.6#
77	0.0	24.2	36.4#



#37
 Ethyl Acetate
 Concen: 8.799 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.09 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

Tgt Ion	43	Resp	20188
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.8	17.8#
70	0.0	8.2	12.2#

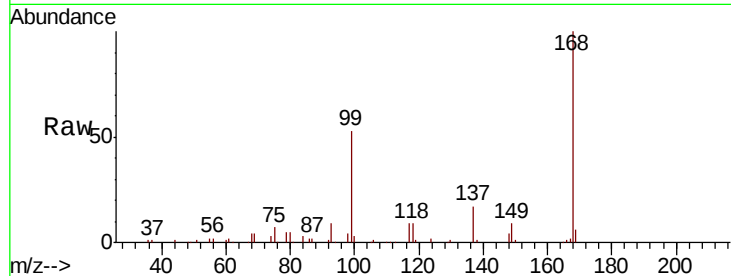




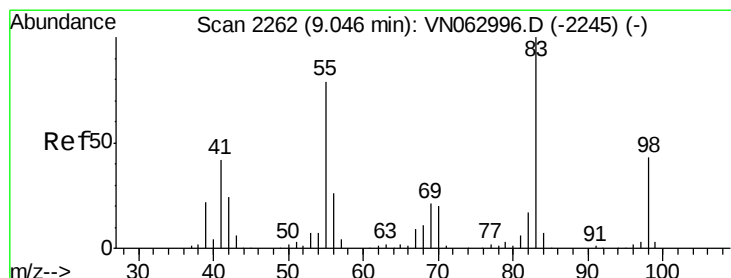
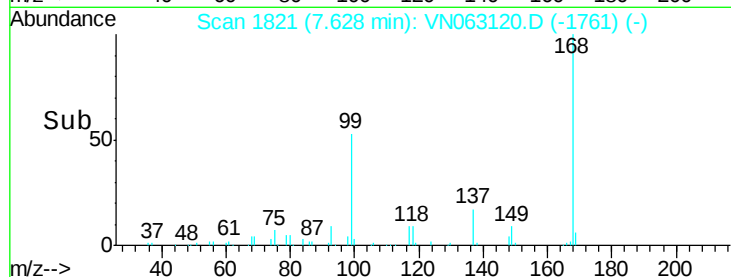
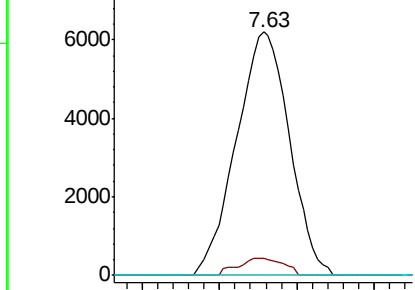
#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tot Ion:117 Resp: 14736
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.4#
121 0.0 24.2 36.2#

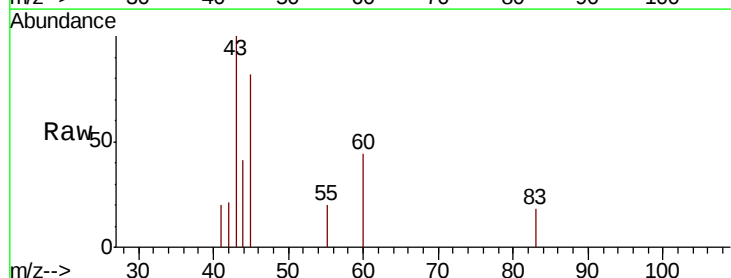


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

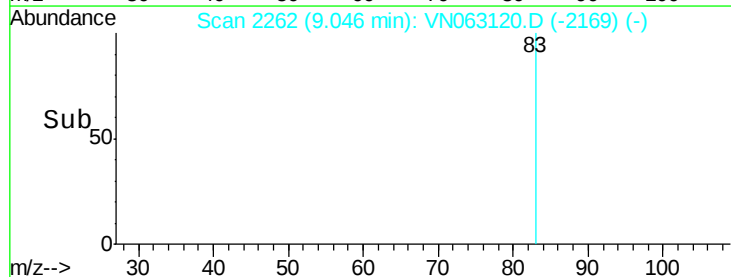
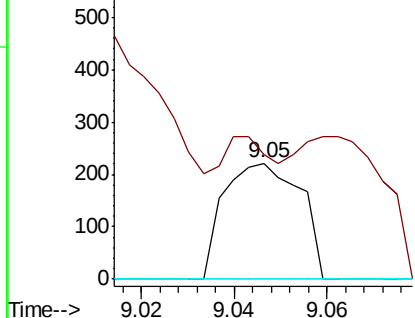


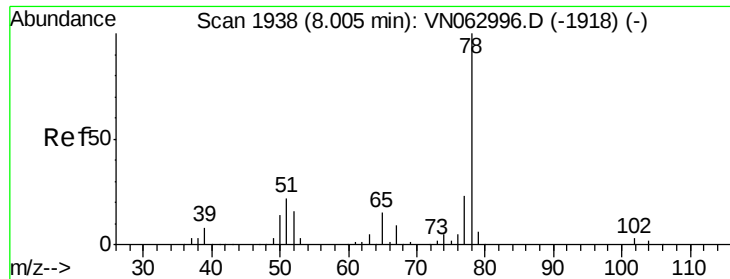
#39
Methylcyclohexane
Concen: 1.637 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

Tgt Ion: 83 Resp: 254
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 34.2 51.4#



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





#40

Benzene

Concen: 16.681 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

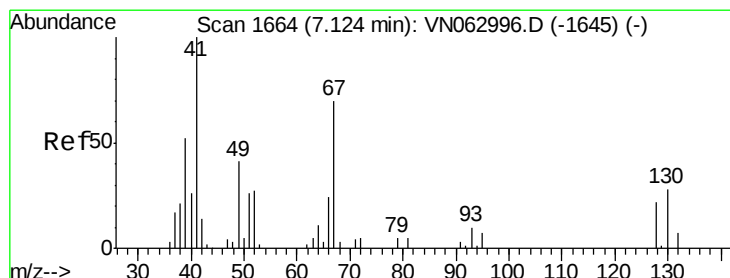
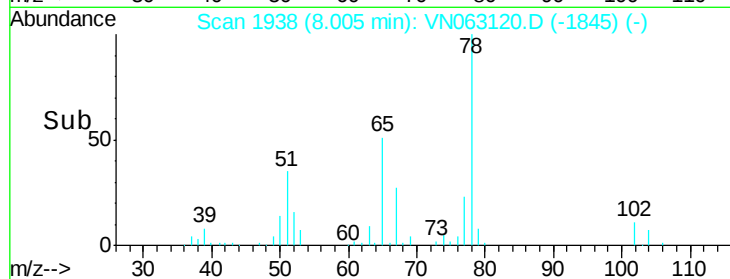
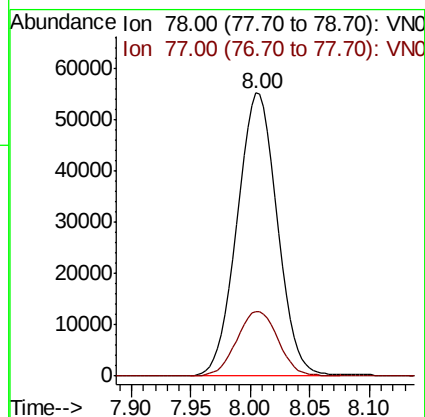
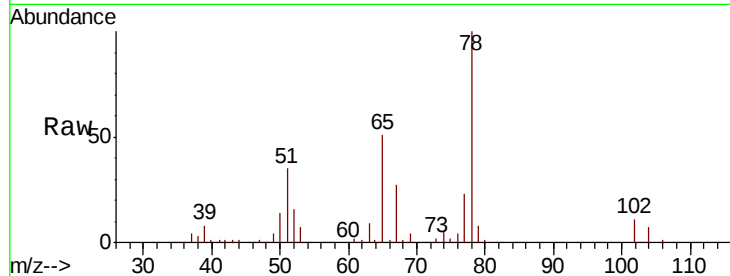
COMP-1

Tot Ion: 78 Resp: 129541

Ion Ratio Lower Upper

78 100

77 23.0 18.8 28.2



#41

Methacrylonitrile

Concen: 1.658 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.04 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Tgt Ion: 41 Resp: 1812

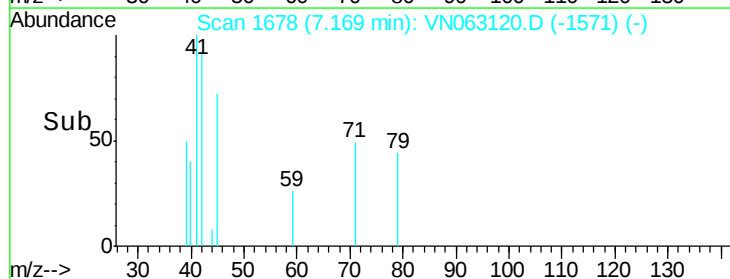
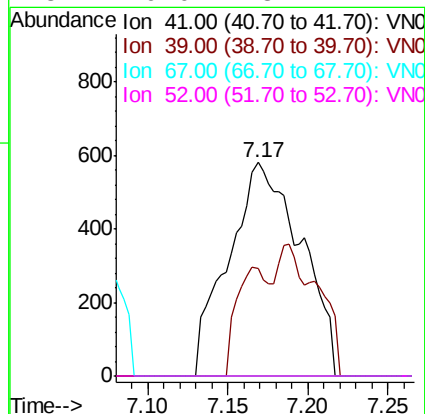
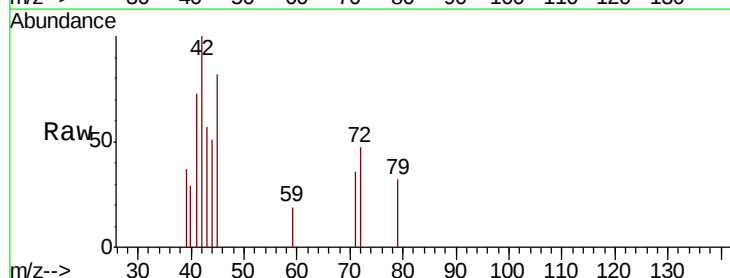
Ion Ratio Lower Upper

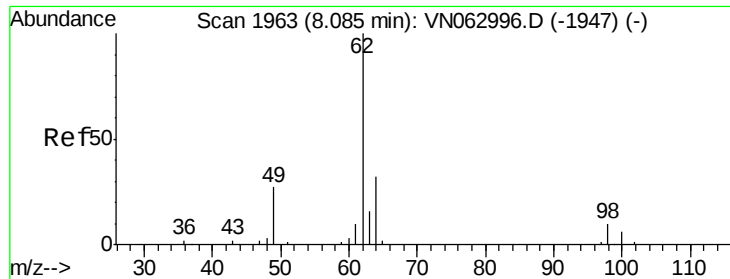
41 100

39 21.1 41.6 62.4#

67 0.0 71.8 107.8#

52 0.0 28.2 42.4#

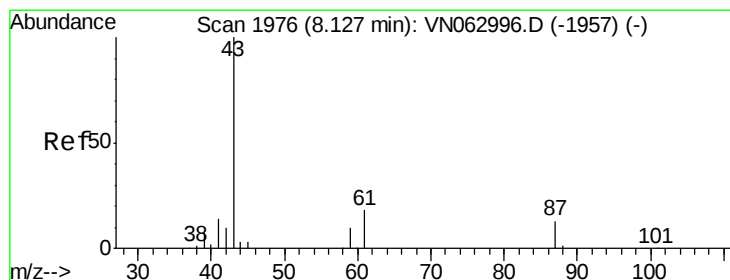
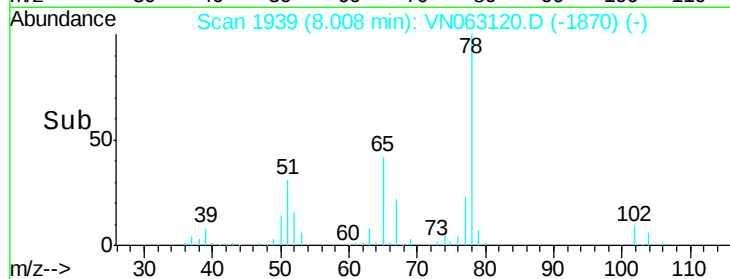
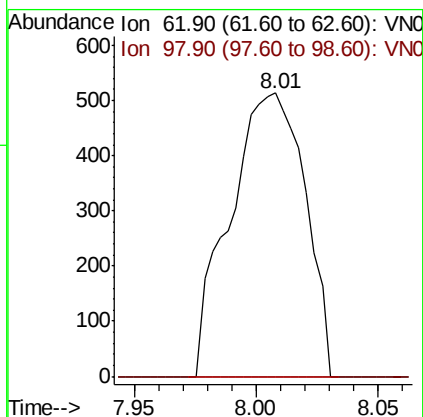
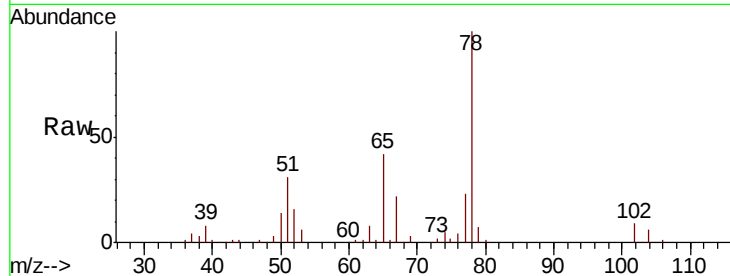




#42
 1,2-Dichloroethane
 Concen: 0.420 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.08 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

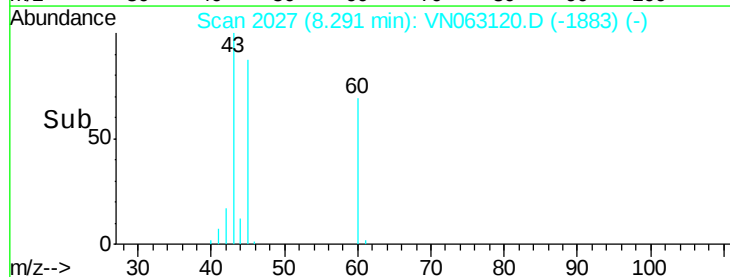
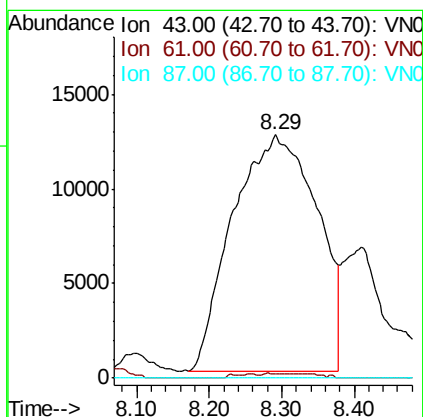
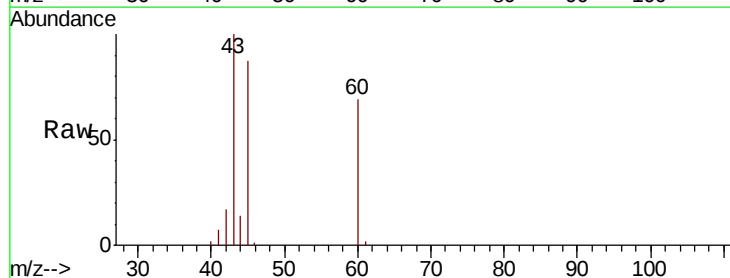
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

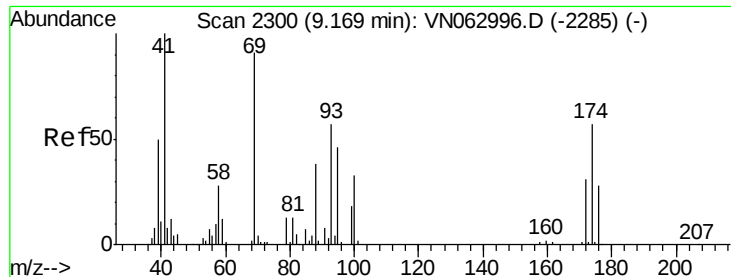
Tot Ion: 62 Resp: 1095
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 18.4



#43
 Isopropyl Acetate
 Concen: 26.536 ug/l
 RT: 8.29 min Scan# 2027
 Delta R.T. 0.16 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

Tgt Ion: 43 Resp: 100858
 Ion Ratio Lower Upper
 43 100
 61 0.1 22.6 33.8#
 87 0.0 10.5 15.7#

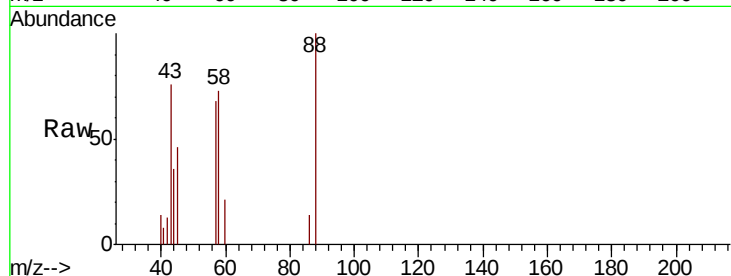




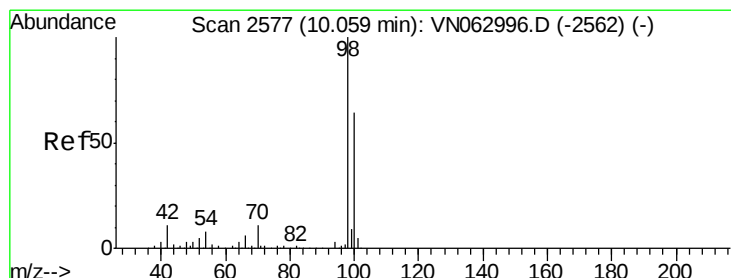
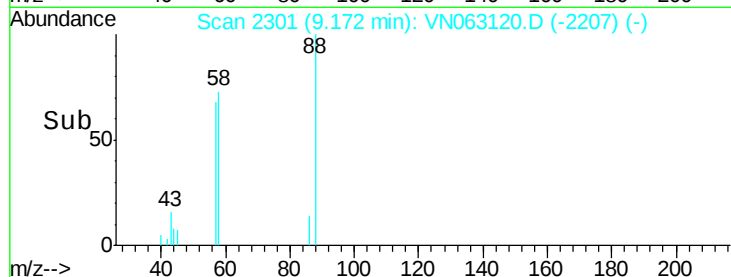
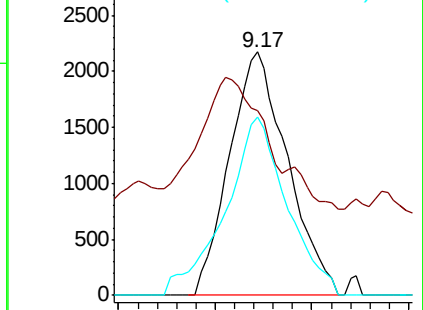
#49
 1,4-Dioxane
 Concen: 128.062 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

Tot Ion: 88 Resp: 4532
 Ion Ratio Lower Upper
 88 100
 43 65.7 25.2 37.8#
 58 77.8 56.7 85.1

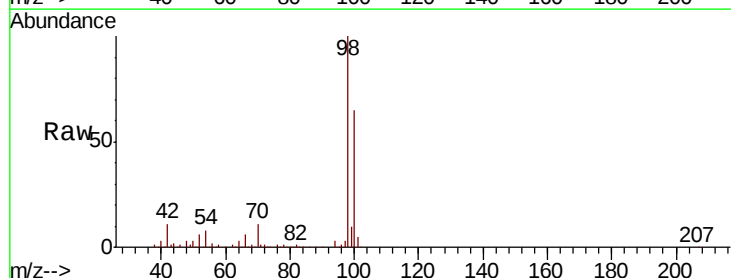


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

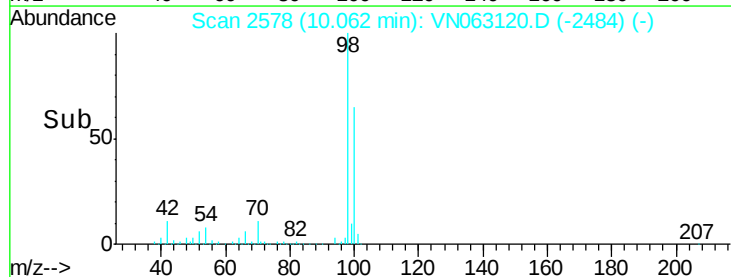
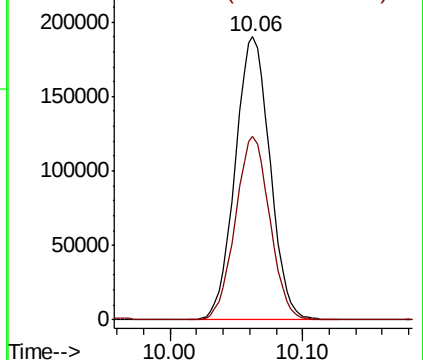


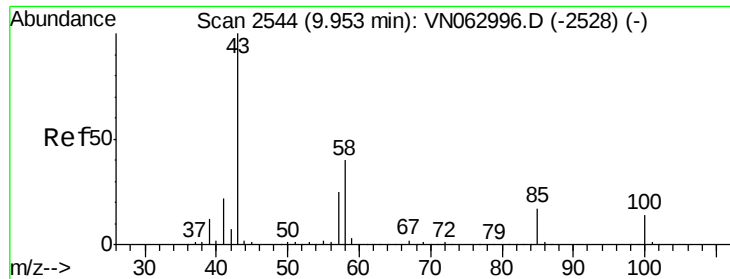
#50
 Toluene-d8
 Concen: 49.842 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

Tgt Ion: 98 Resp: 346589
 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: 8.907 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

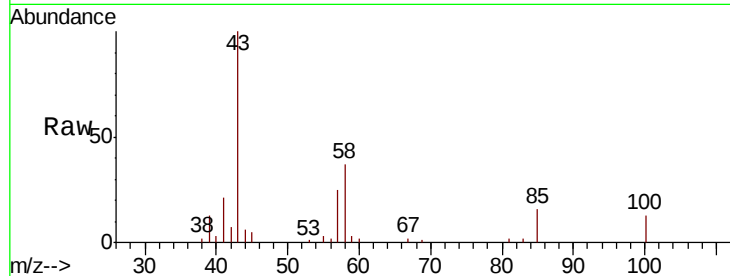
COMP-1

Tot Ion: 43 Resp: 21398

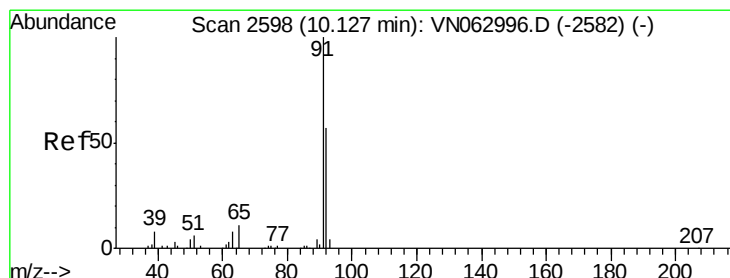
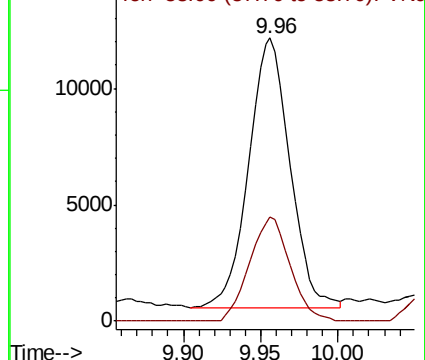
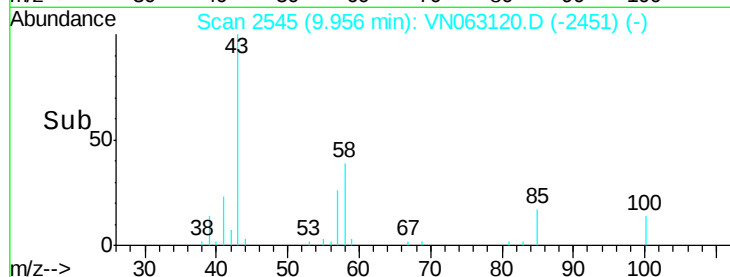
Ion Ratio Lower Upper

43 100

58 38.1 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN063120.D (-2451) (-)



#52

Toluene

Concen: 14.485 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN063120.D

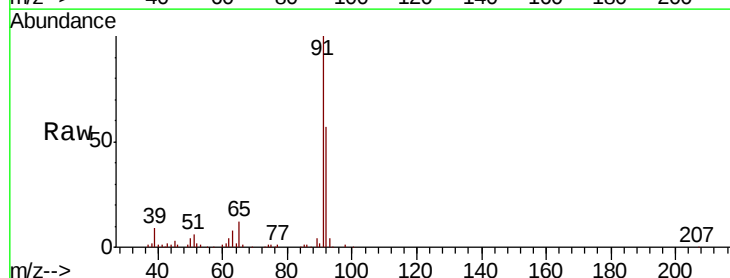
Acq: 25 Aug 2020 18:39

Tgt Ion: 92 Resp: 67857

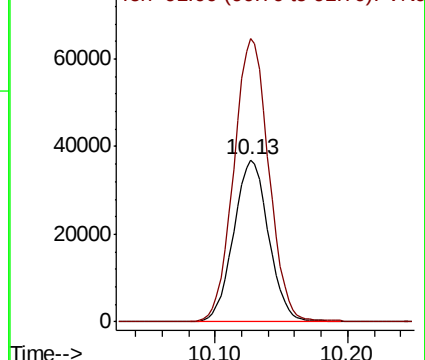
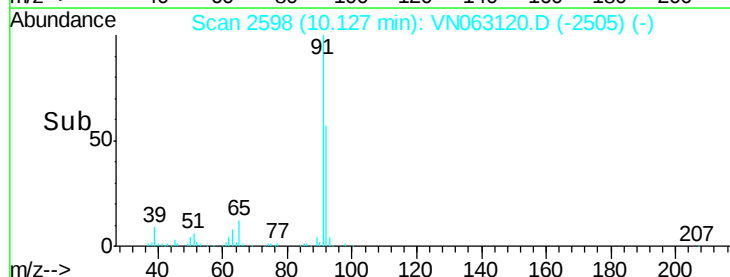
Ion Ratio Lower Upper

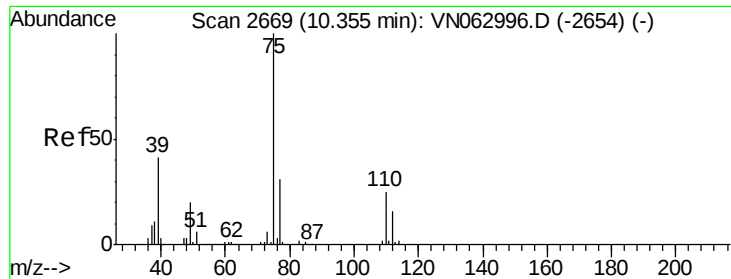
92 100

91 175.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN063120.D (-2505) (-)





#53

t-1,3-Dichloropropene

Concen: 0.225 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.23 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

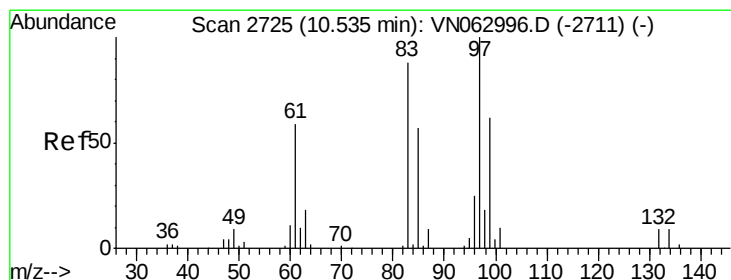
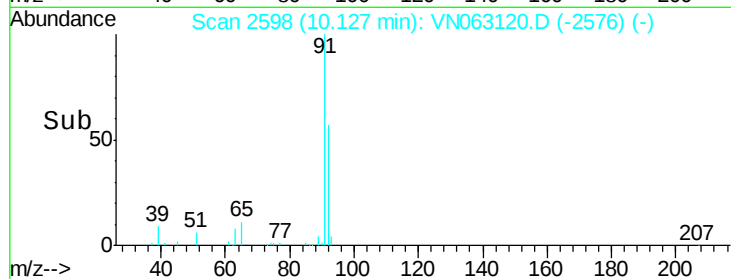
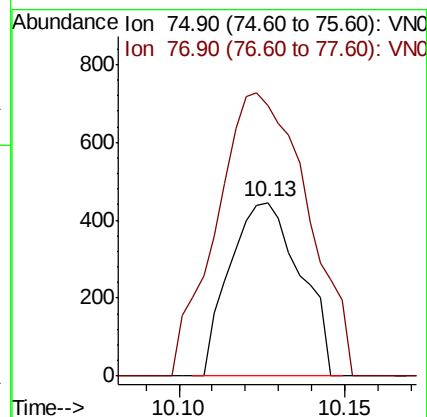
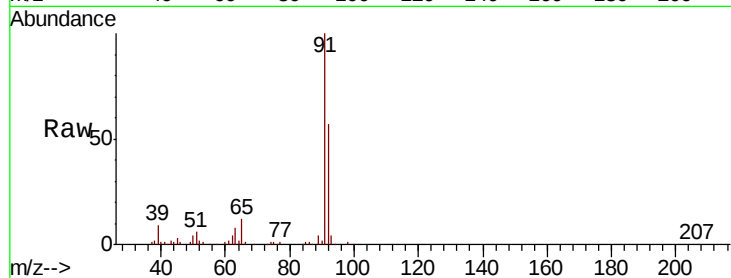
COMP-1

Tot Ion: 75 Resp: 661

Ion Ratio Lower Upper

75 100

77 112.1 24.6 37.0#



#55

1,1,2-Trichloroethane

Concen: 0.697 ug/l

RT: 10.39 min Scan# 2679

Delta R.T. -0.15 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Tgt Ion: 97 Resp: 1396

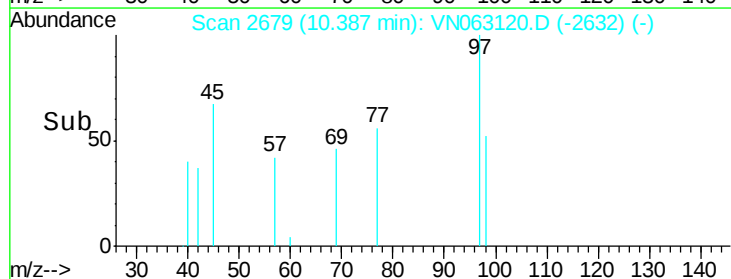
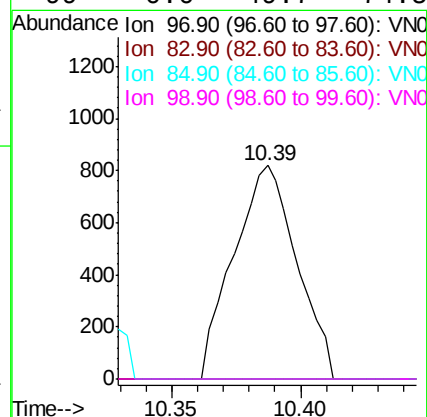
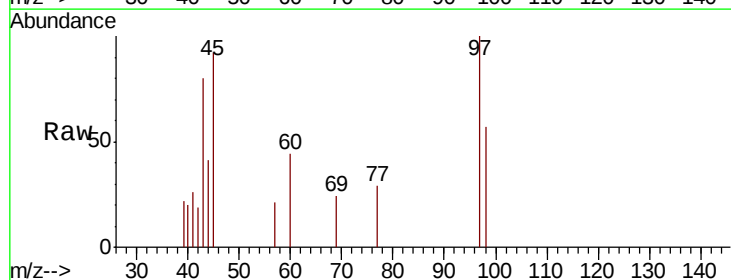
Ion Ratio Lower Upper

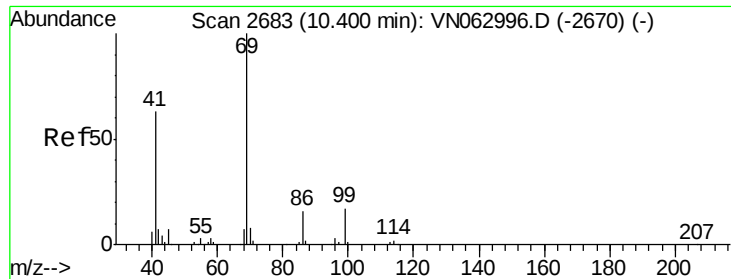
97 100

83 0.0 70.5 105.7#

85 0.0 45.8 68.6#

99 0.0 49.7 74.5#





#56

Ethyl methacrylate

Concen: 1.813 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. -0.02 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

COMP-1

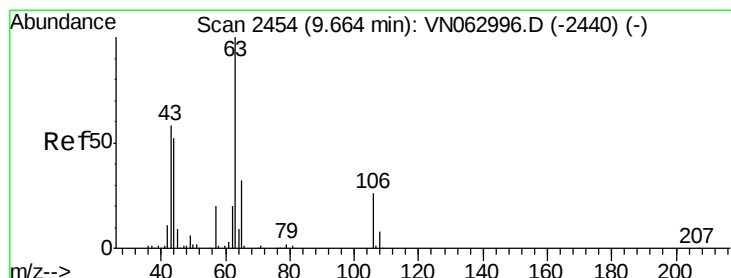
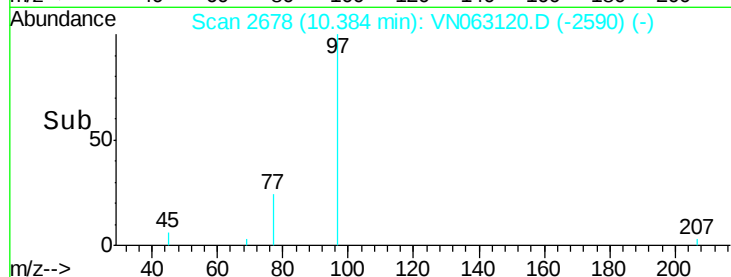
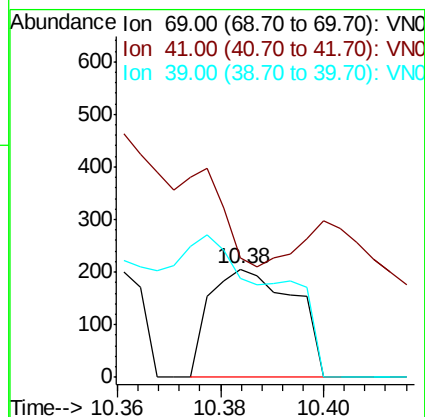
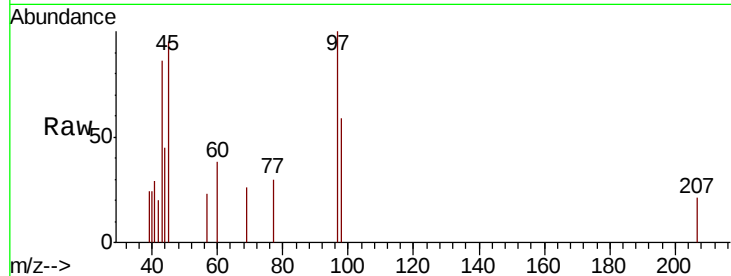
Tot Ion: 69 Resp: 233

Ion Ratio Lower Upper

69 100

41 0.0 50.2 75.2#

39 137.3 24.2 36.4#



#58

2-Chloroethyl Vinyl ether

Concen: 13.290 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.02 min

Lab File: VN063120.D

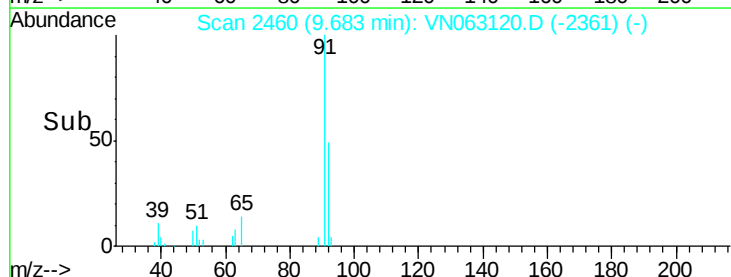
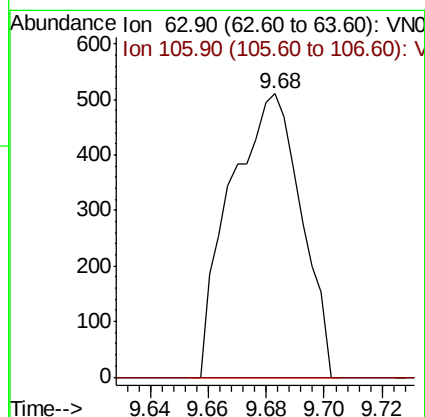
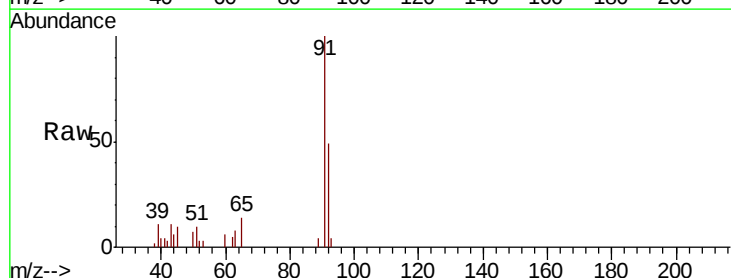
Acq: 25 Aug 2020 18:39

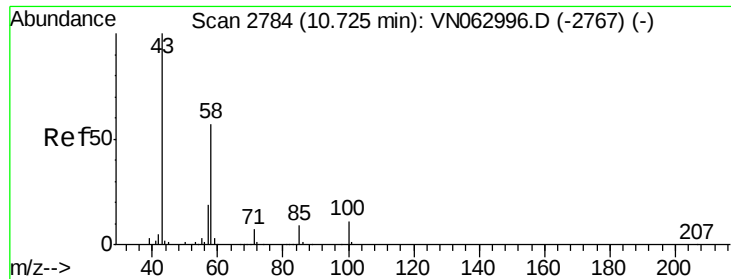
Tgt Ion: 63 Resp: 862

Ion Ratio Lower Upper

63 100

106 0.0 20.7 31.1#





#59

2-Hexanone

Concen: 0.705 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. 0.00 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

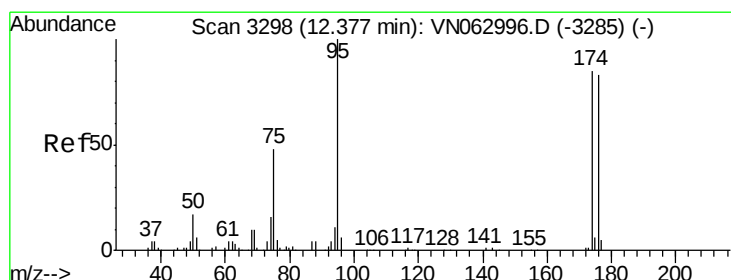
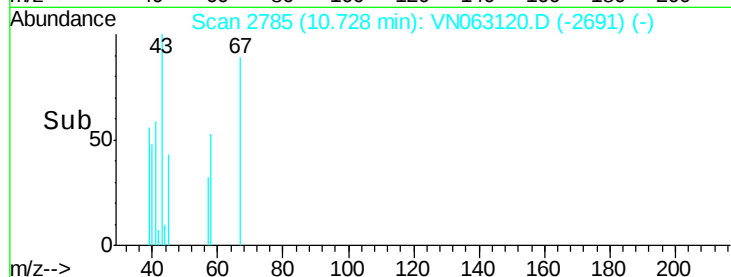
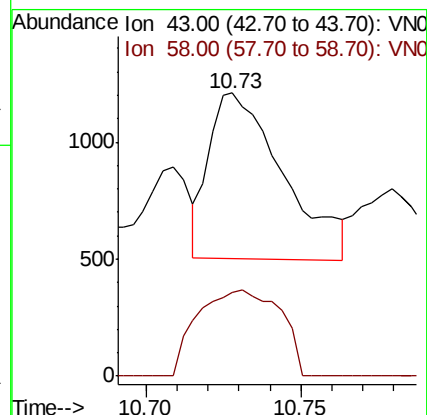
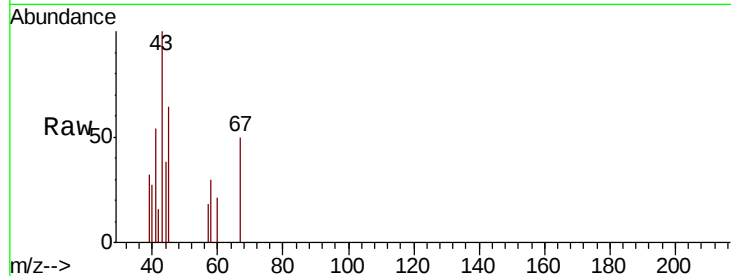
COMP-1

Tot Ion: 43 Resp: 1182

Ion Ratio Lower Upper

43 100

58 58.0 28.1 84.3



#62

4-Bromofluorobenzene

Concen: 53.741 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

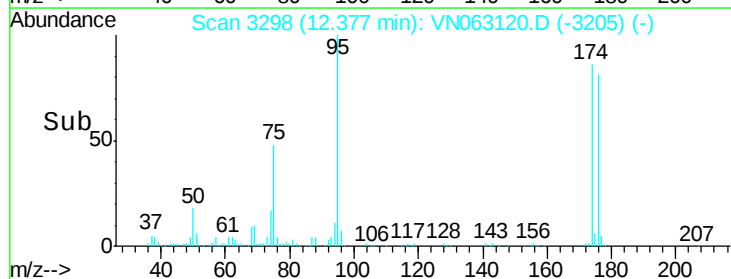
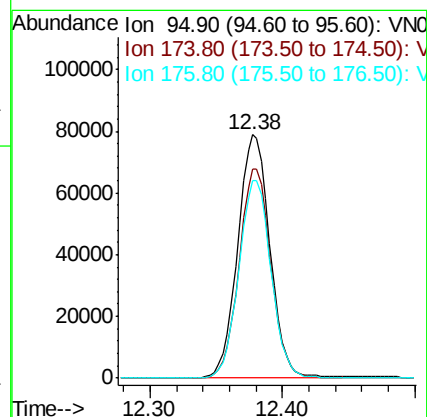
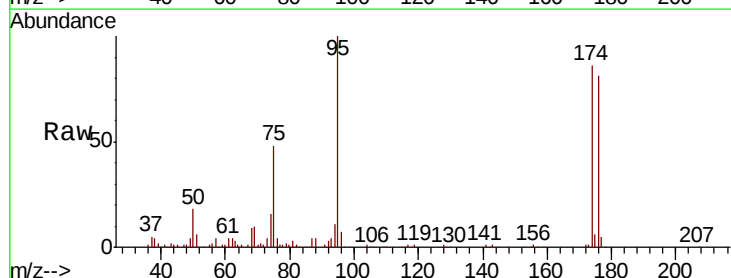
Tgt Ion: 95 Resp: 131874

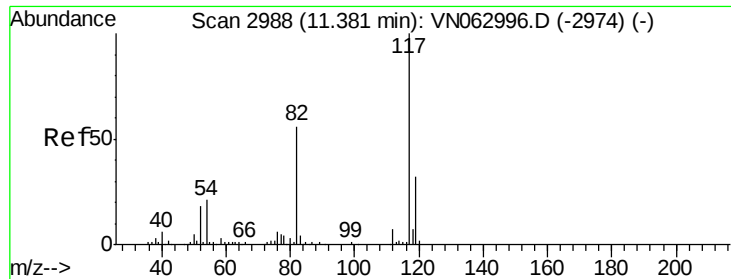
Ion Ratio Lower Upper

95 100

174 85.2 0.0 170.8

176 81.9 0.0 164.8

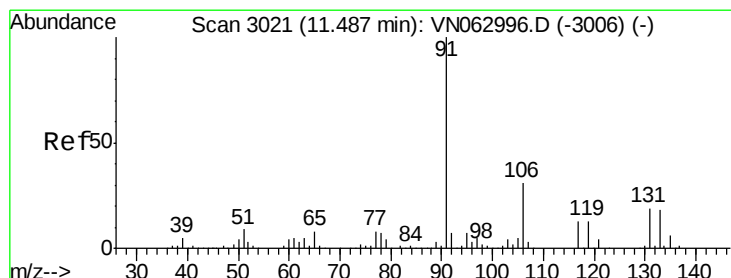
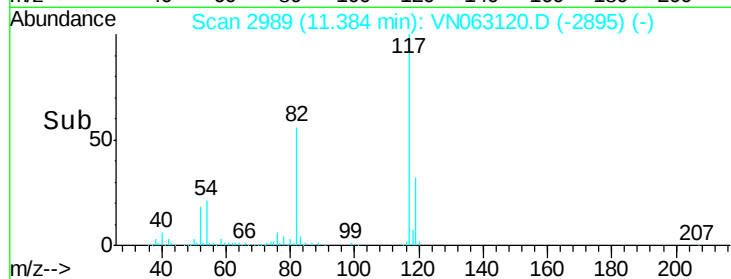
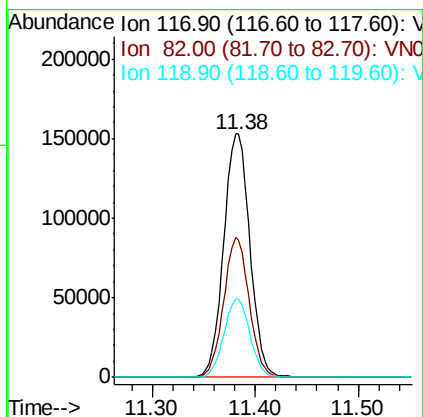
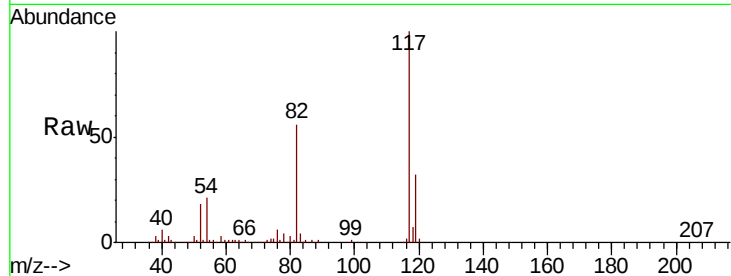




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2989
Delta R.T. 0.00 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

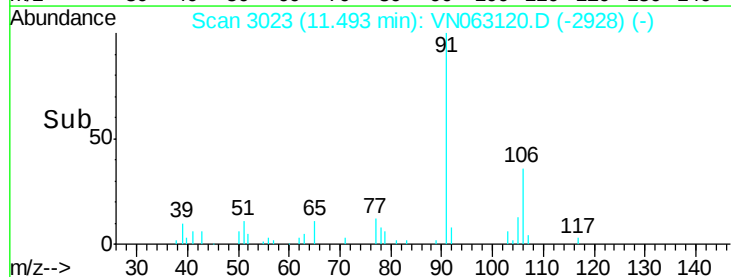
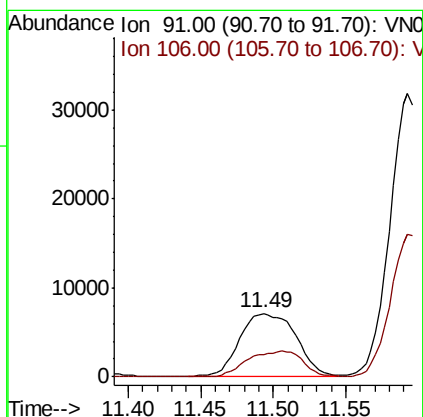
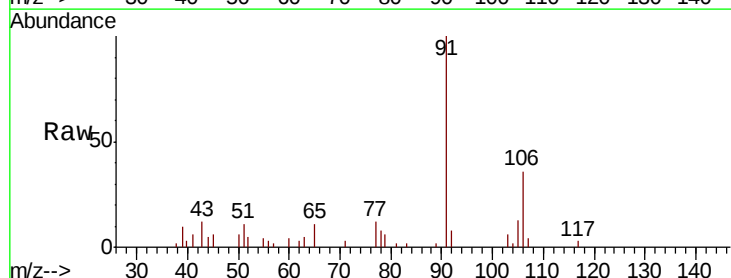
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

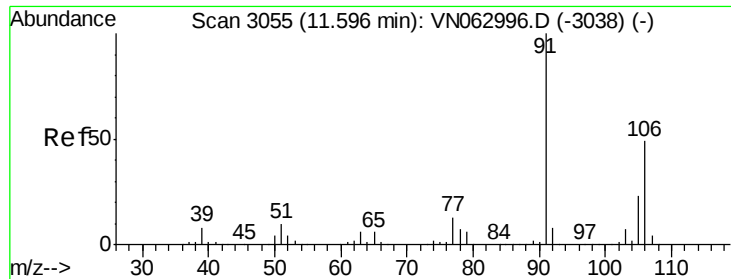
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.5	66.7
119	32.0	25.5	38.3



#67
Ethyl Benzene
Concen: 2.115 ug/l
RT: 11.49 min Scan# 3023
Delta R.T. 0.01 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	36.0	24.6	37.0

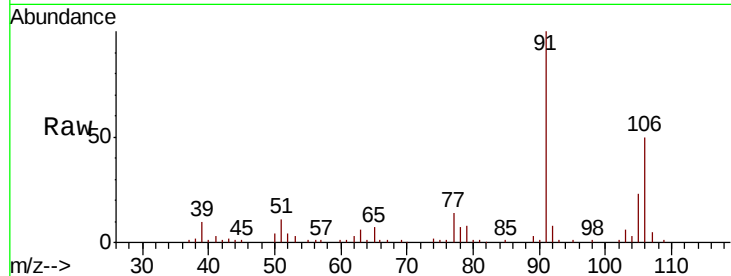




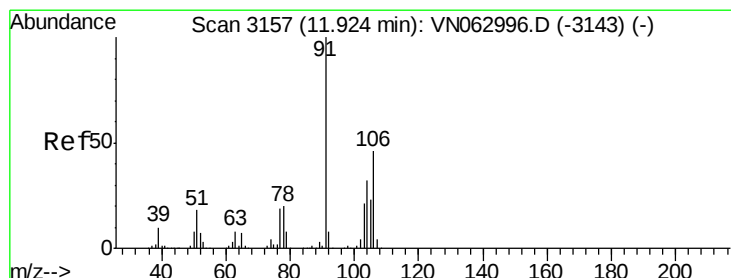
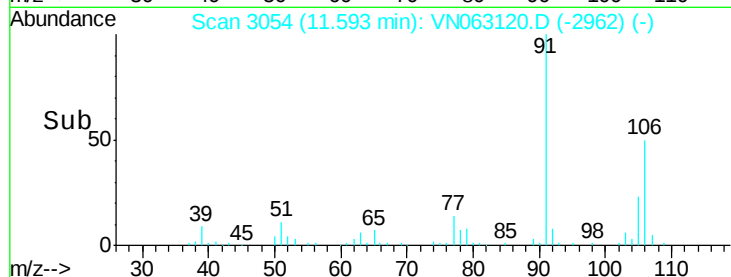
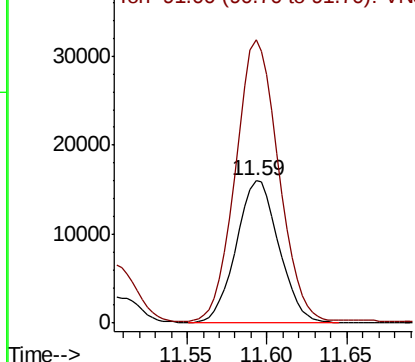
#68
m/p-Xylenes
Concen: 8.528 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tot Ion:106 Resp: 29180
Ion Ratio Lower Upper
106 100
91 198.7 163.0 244.4

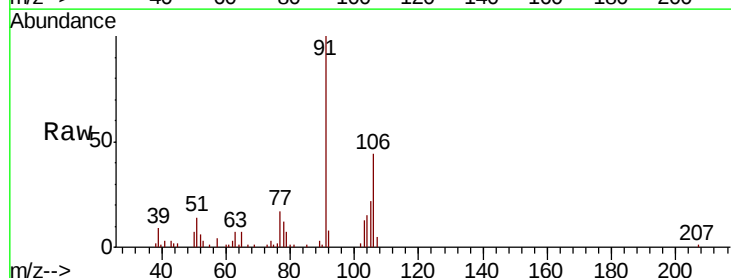


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

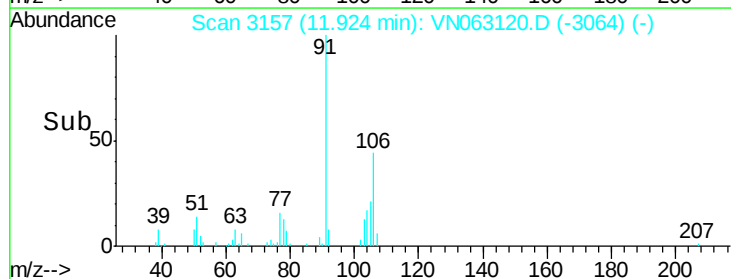
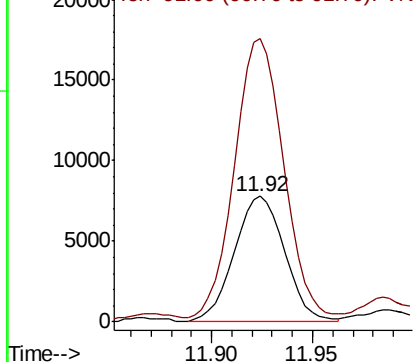


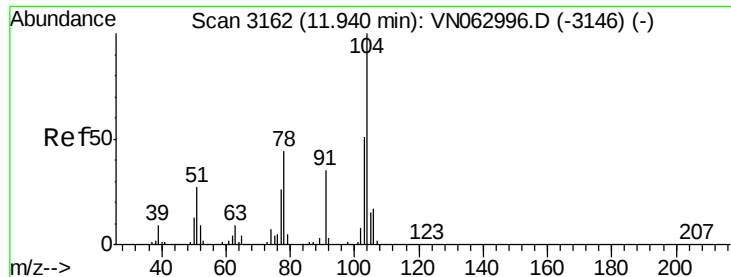
#69
o-Xylene
Concen: 4.163 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

Tgt Ion:106 Resp: 13678
Ion Ratio Lower Upper
106 100
91 214.3 107.3 321.9



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





#70

Stvrene

Concen: 3.689 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. 0.00 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

COMP-1

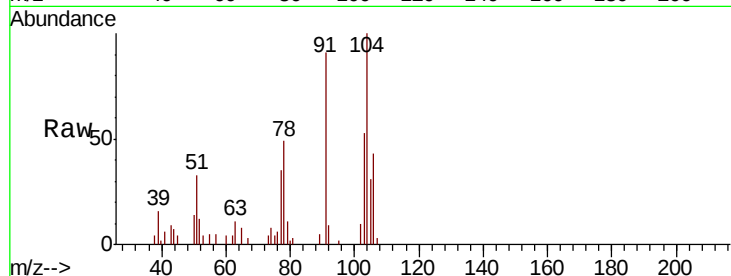
Tot Ion:104 Resp: 11973

Ion Ratio Lower Upper

104 100

78 60.2 39.0 58.6#

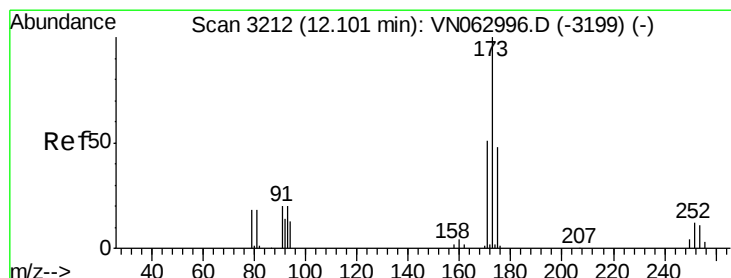
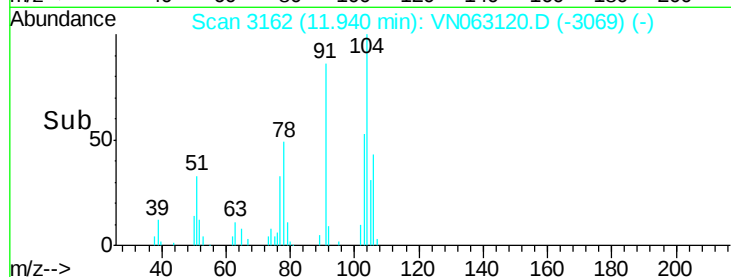
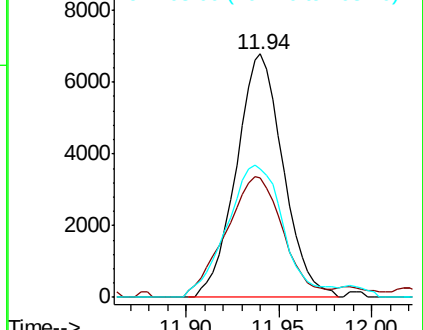
103 65.8 44.3 66.5



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: 0.607 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

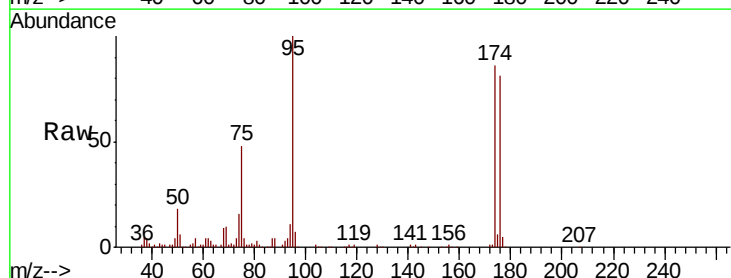
Tgt Ion:173 Resp: 1024

Ion Ratio Lower Upper

173 100

175 652.8 24.3 72.8#

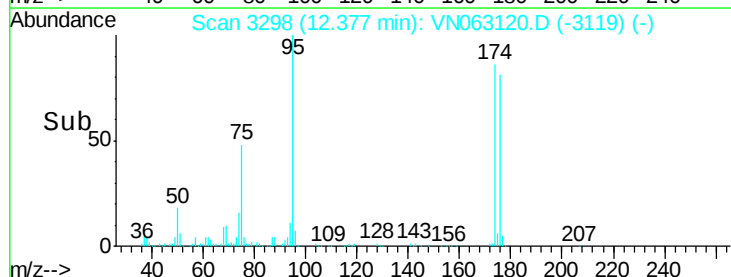
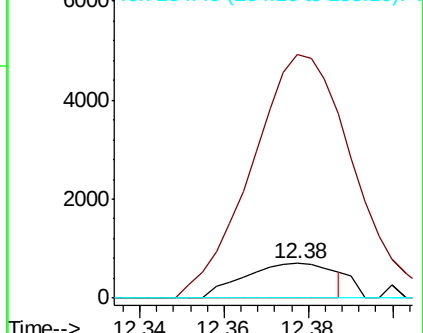
254 0.0 0.0 0.0

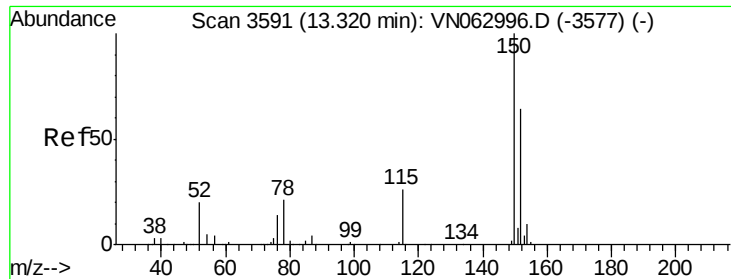


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

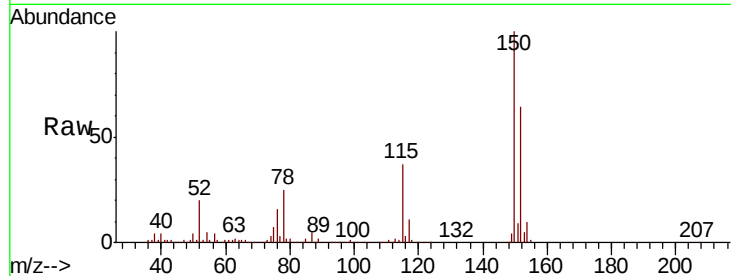
Tot Ion:152 Resp: 131668

Ion Ratio Lower Upper

152 100

115 58.5 28.7 86.3

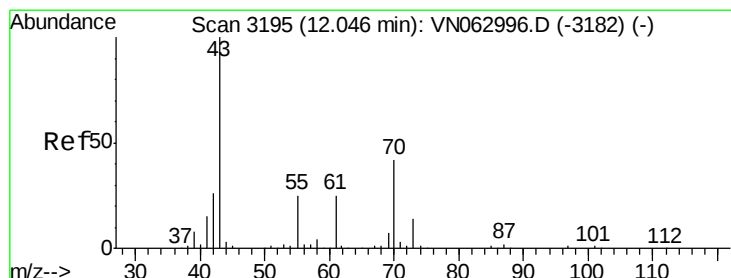
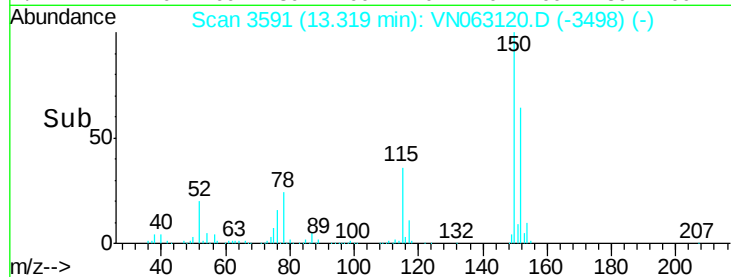
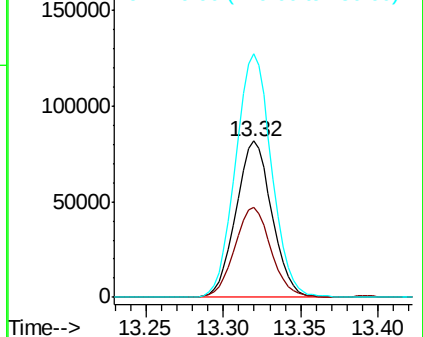
150 156.7 0.0 348.8



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: 0.679 ug/l

RT: 12.01 min Scan# 3183

Delta R.T. -0.04 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Tgt Ion: 43 Resp: 2194

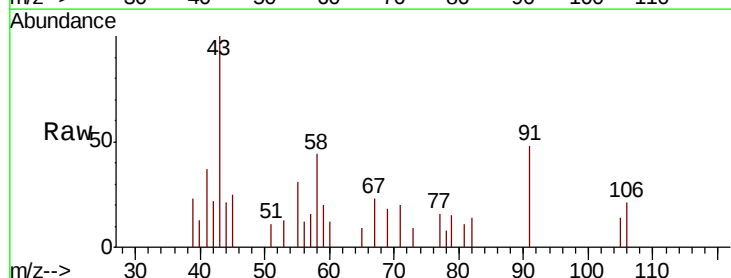
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 20.2 30.2#

61 0.0 19.9 29.9#

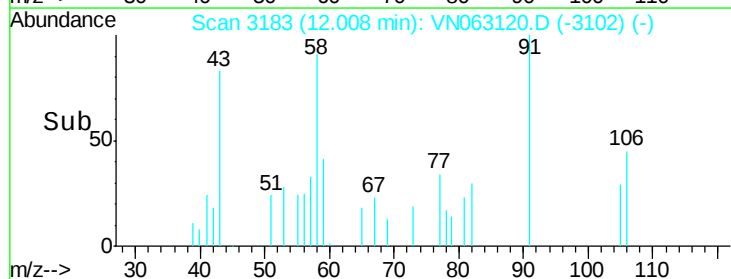
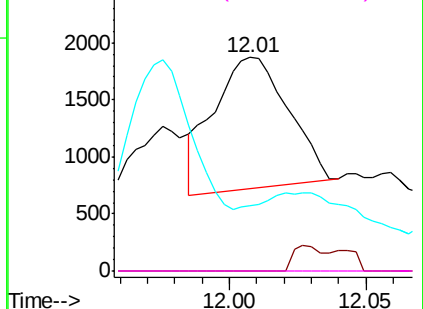


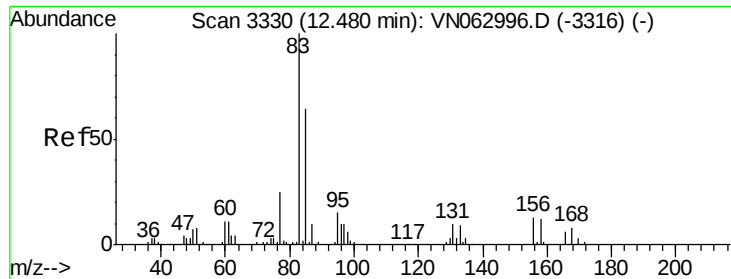
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.44 min Scan# 3318

Delta R.T. -0.04 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

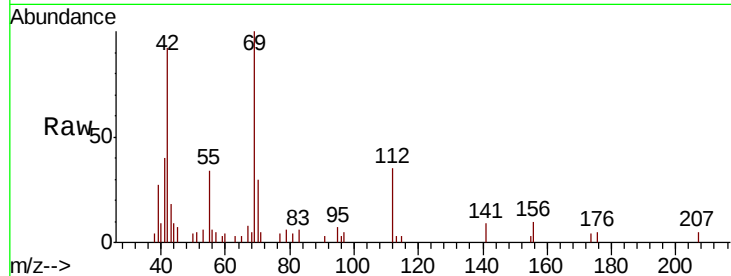
Tot Ion: 83 Resp: 350

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 31.9 95.5#



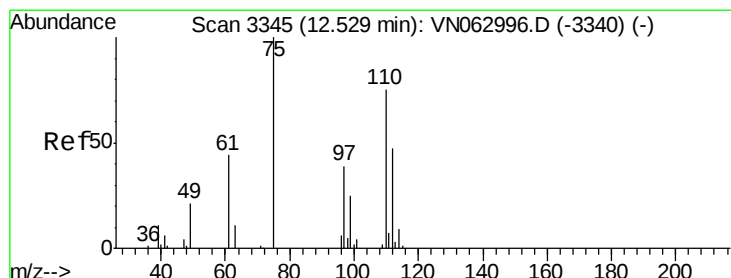
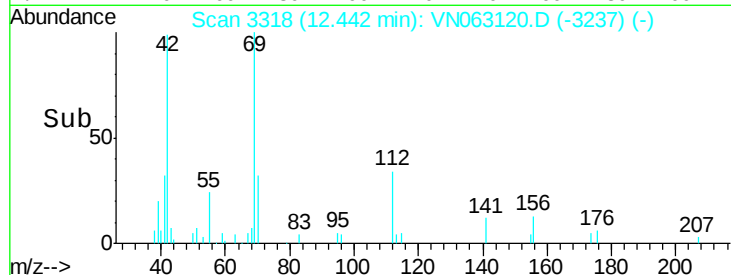
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.44

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.736 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063120.D

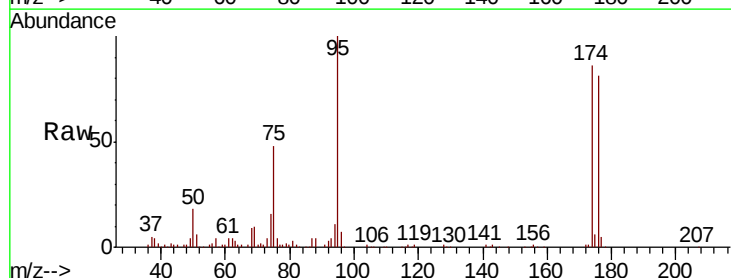
Acq: 25 Aug 2020 18:39

Tgt Ion: 75 Resp: 63308

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#

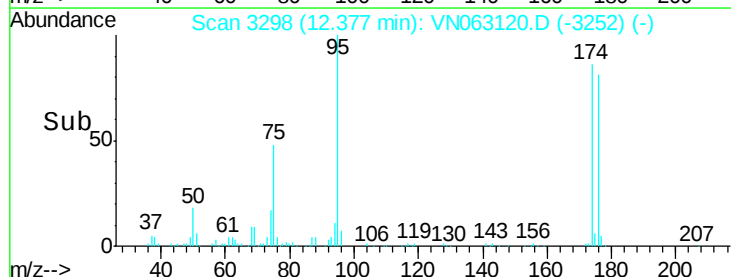


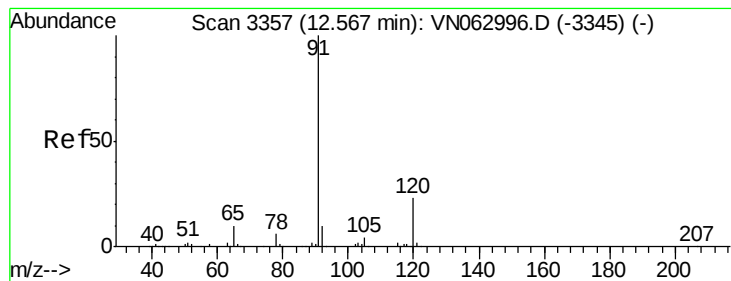
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

Time-->





#78

n-propylbenzene

Concen: 0.658 ug/l

RT: 12.57 min Scan# 3358

Delta R.T. 0.00 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

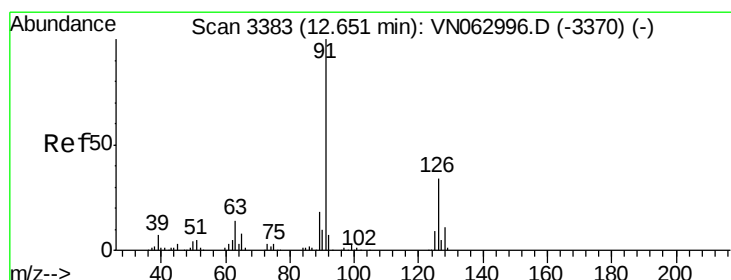
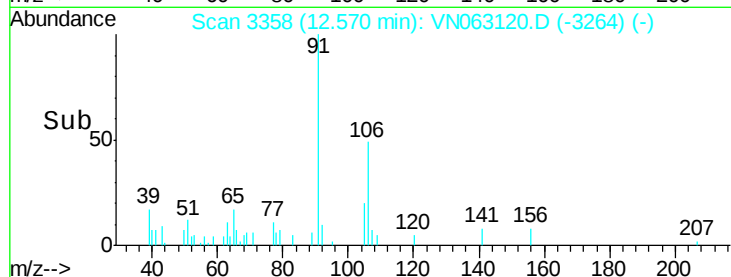
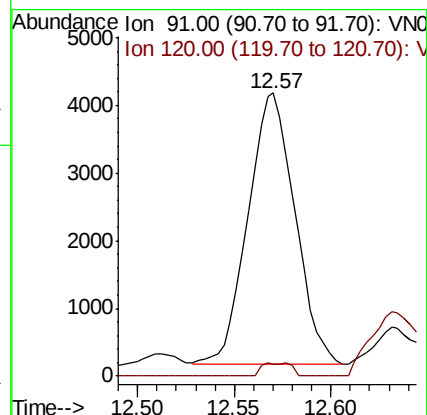
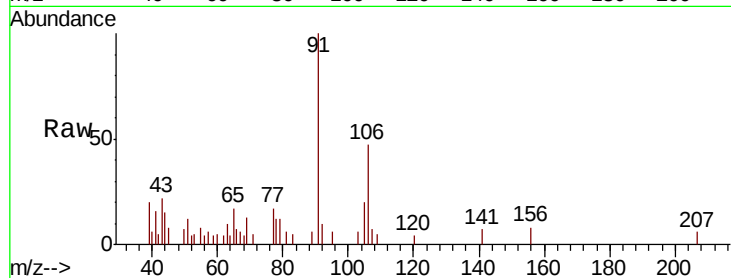
COMP-1

Tot Ion: 91 Resp: 6763

Ion Ratio Lower Upper

91 100

120 3.1 11.4 34.1#



#79

2-Chlorotoluene

Concen: 0.222 ug/l

RT: 12.88 min Scan# 3454

Delta R.T. 0.23 min

Lab File: VN063120.D

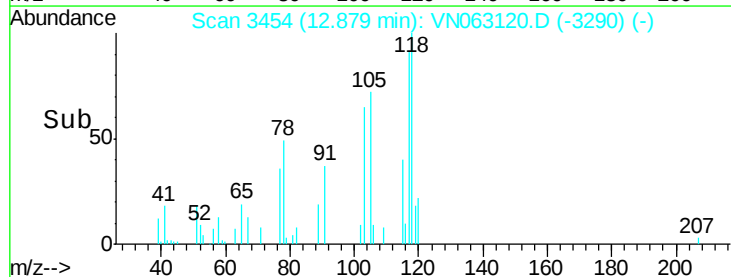
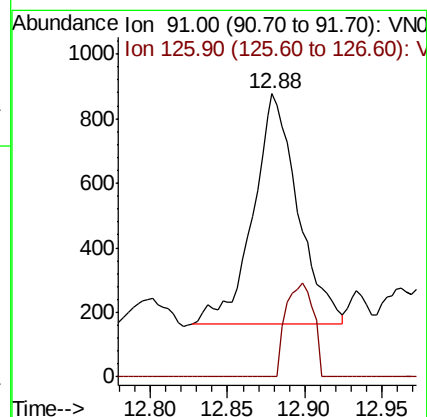
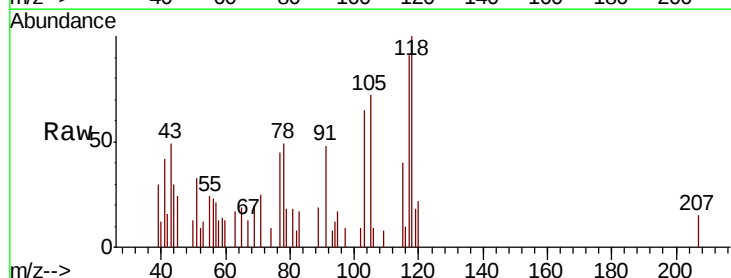
Acq: 25 Aug 2020 18:39

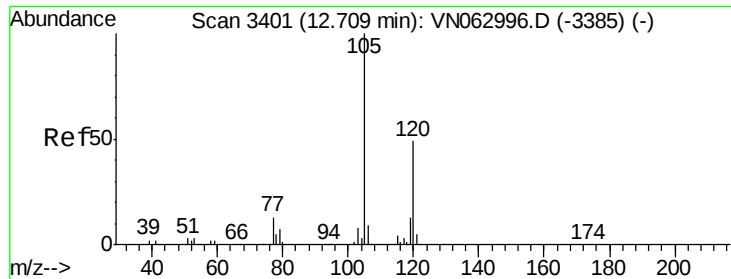
Tgt Ion: 91 Resp: 1436

Ion Ratio Lower Upper

91 100

126 25.1 17.1 51.2

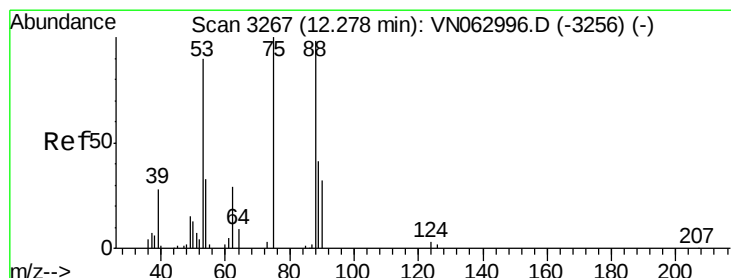
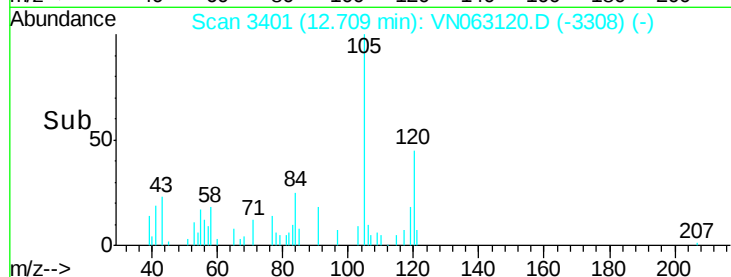
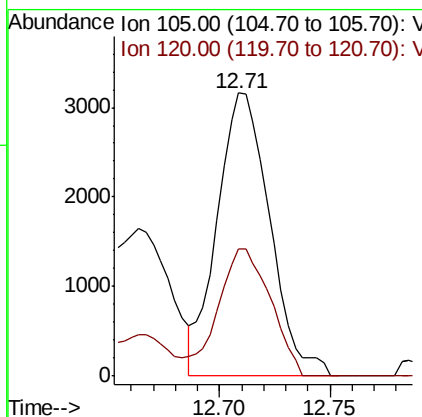
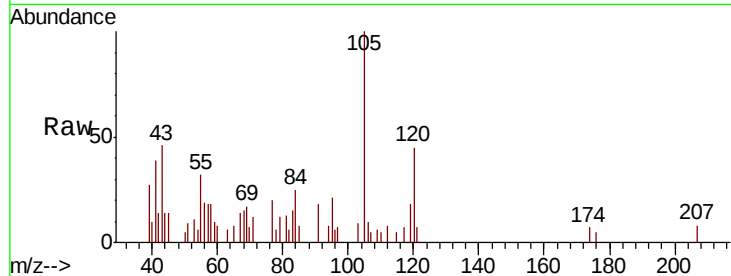




#80
 1,3,5-Trimethylbenzene
 Concen: 0.702 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

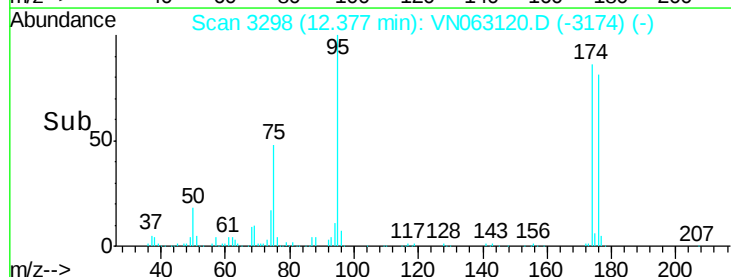
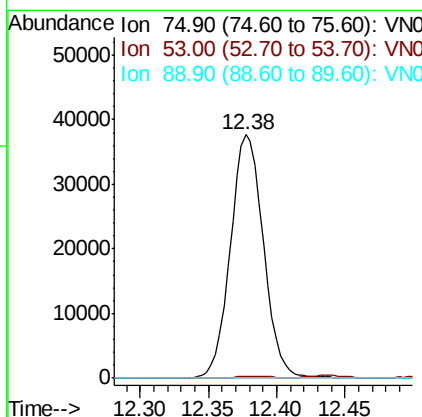
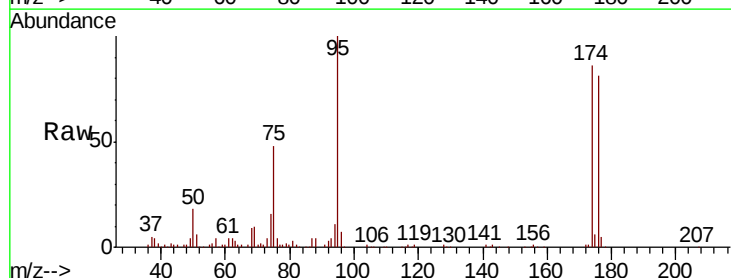
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

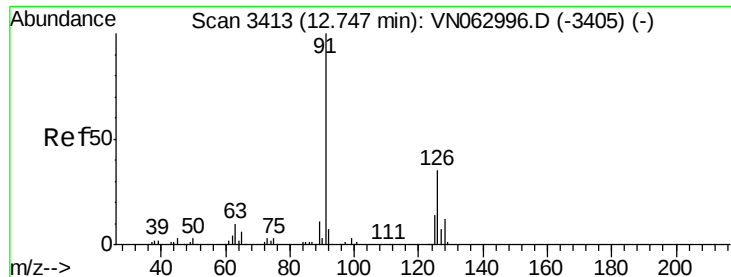
Tot Ion:105 Resp: 5230
 Ion Ratio Lower Upper
 105 100
 120 45.1 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.937 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

Tgt Ion: 75 Resp: 63308
 Ion Ratio Lower Upper
 75 100
 53 0.7 69.2 103.8#
 89 0.0 34.2 51.4#





#82

4-Chlorotoluene

Concen: 0.225 ug/l

RT: 12.88 min Scan# 3454

Delta R.T. 0.13 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

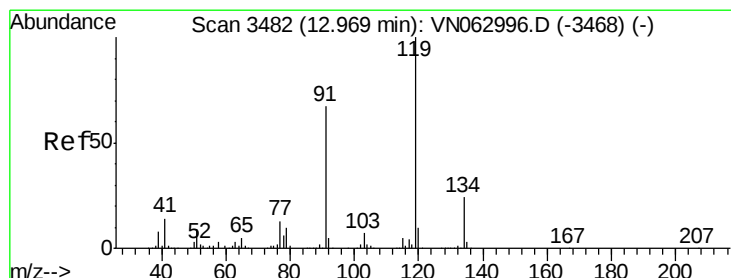
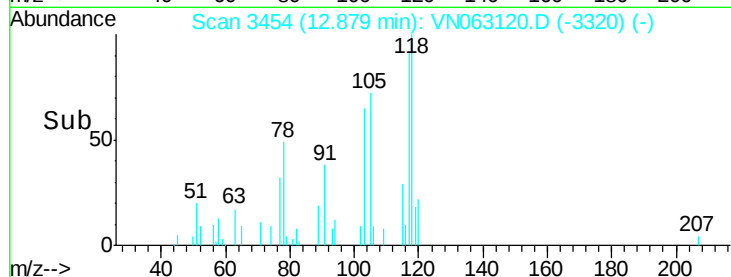
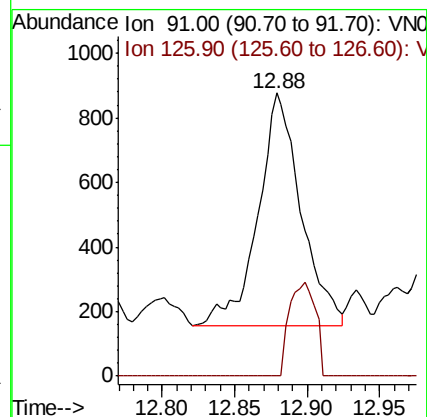
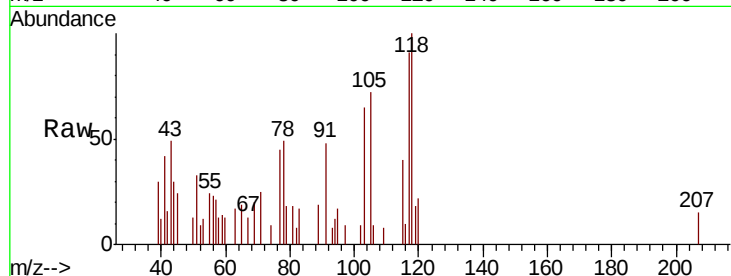
COMP-1

Tot Ion: 91 Resp: 1478

Ion Ratio Lower Upper

91 100

126 24.4 16.5 49.5



#83

tert-Butylbenzene

Concen: 0.815 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.04 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

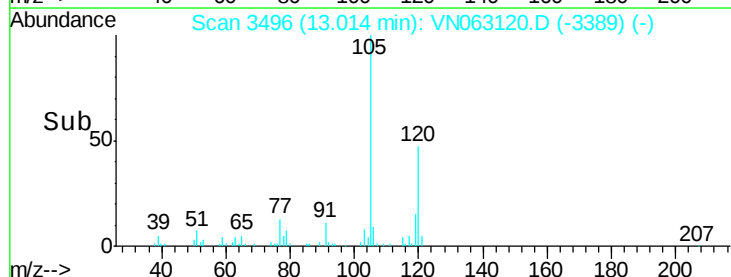
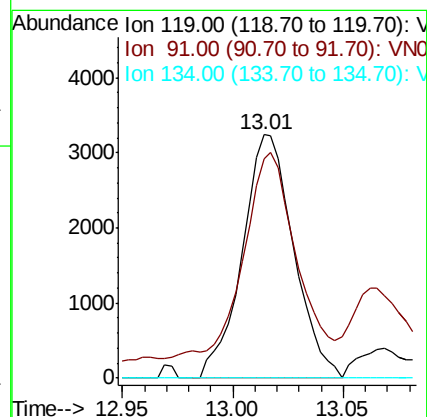
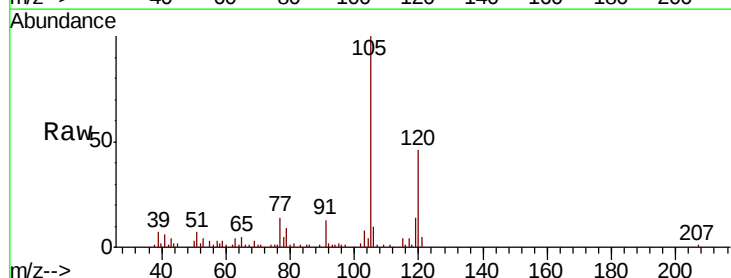
Tgt Ion: 119 Resp: 5241

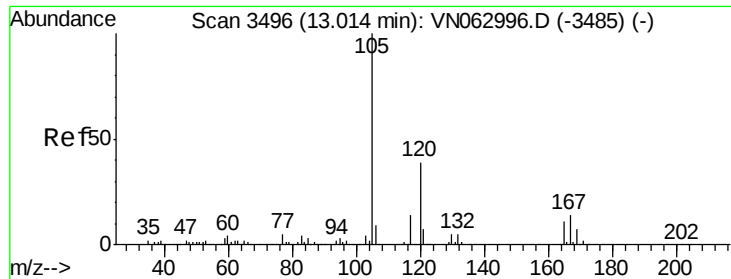
Ion Ratio Lower Upper

119 100

91 89.6 32.5 97.4

134 0.0 13.1 39.3#

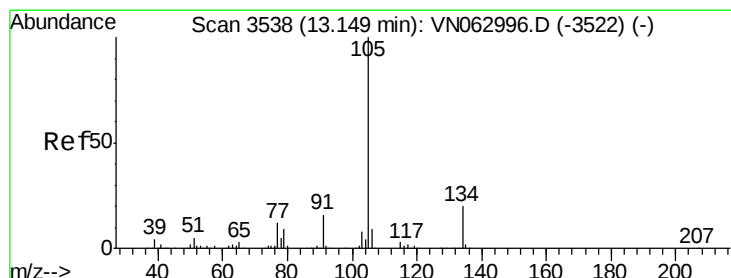
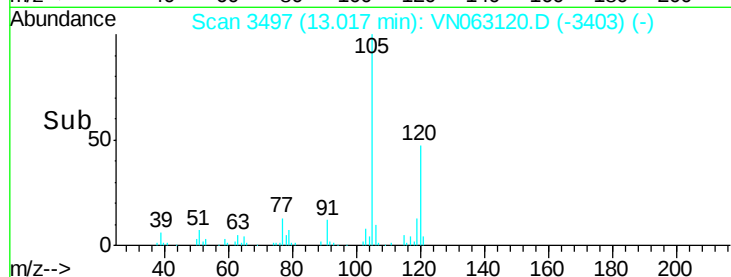
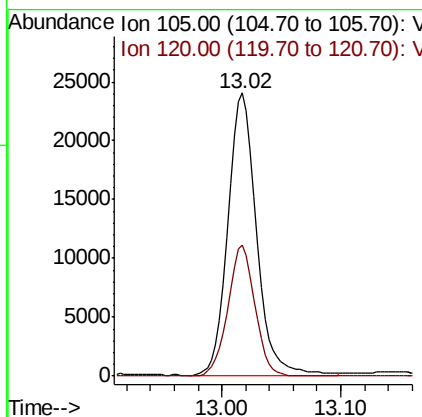
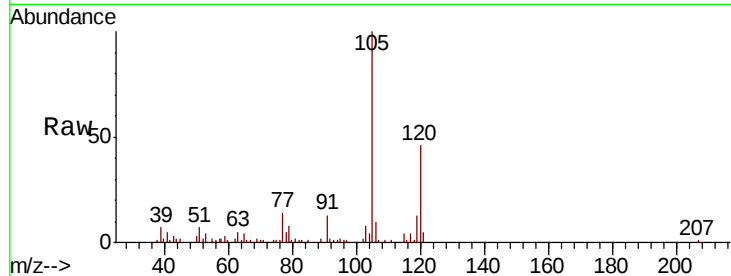




#84
 1,2,4-Trimethylbenzene
 Concen: 5.573 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

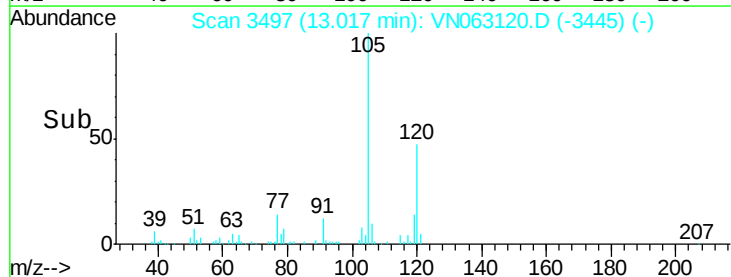
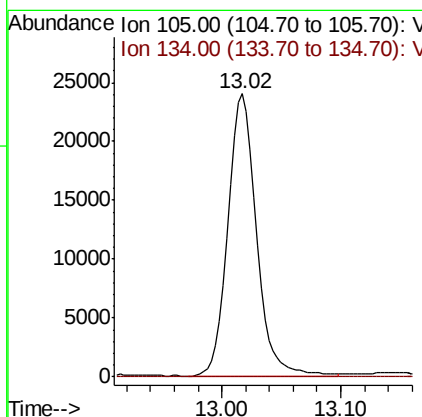
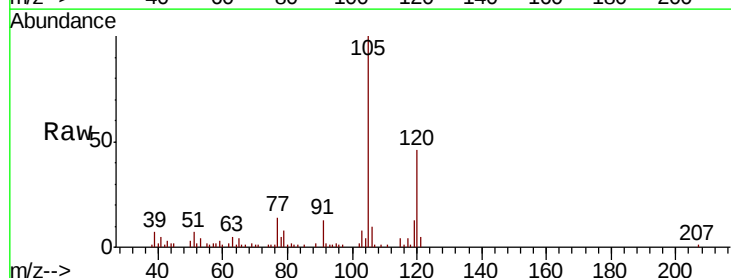
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

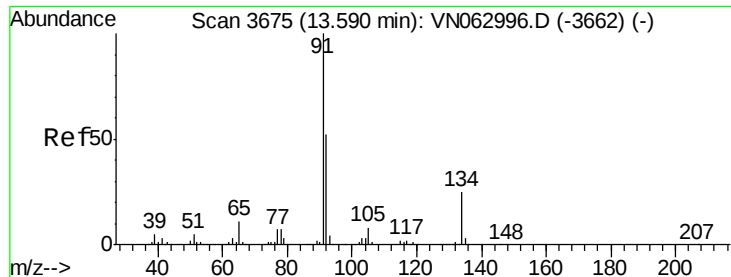
Tot Ion:105 Resp: 40469
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.5 67.5



#85
 sec-Butylbenzene
 Concen: 4.655 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.13 min
 Lab File: VN063120.D
 Acq: 25 Aug 2020 18:39

Tgt Ion:105 Resp: 40469
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#

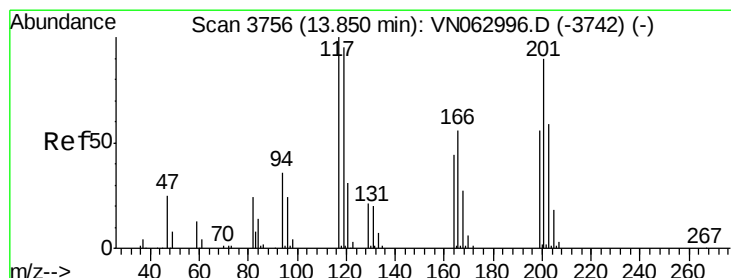
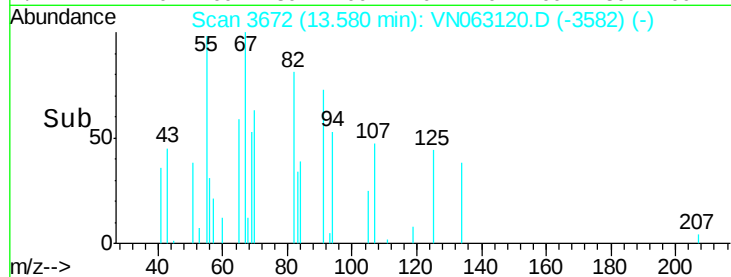
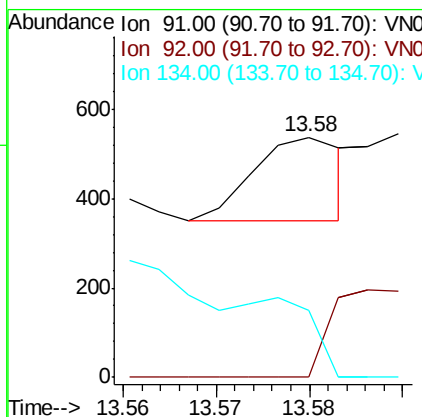
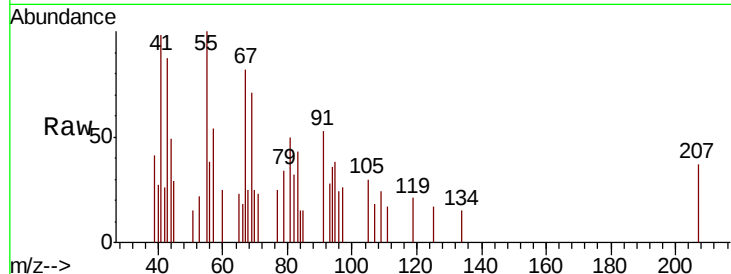




#89
n-Butylbenzene
Concen: 2.787 ug/l
RT: 13.58 min Scan# 3672
Delta R.T. -0.01 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

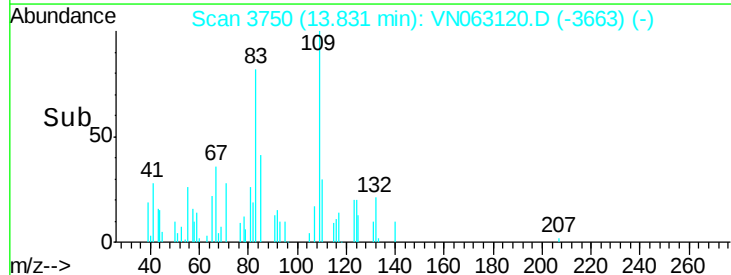
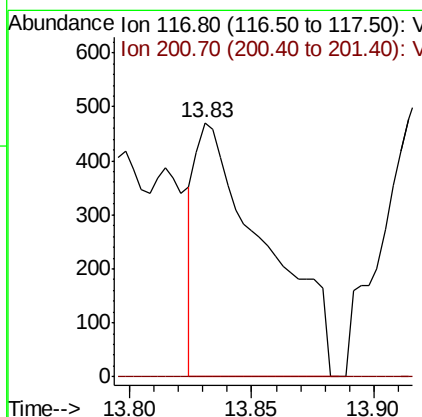
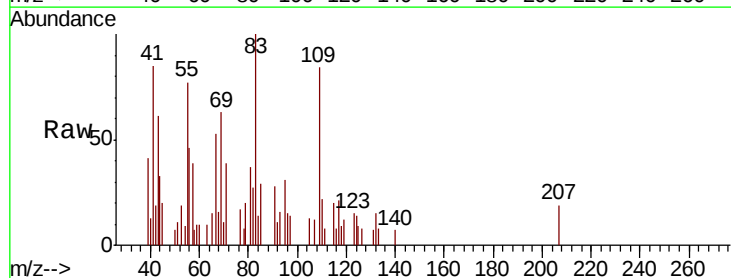
Instrument :
MSVOA_N
ClientSampled :
COMP-1

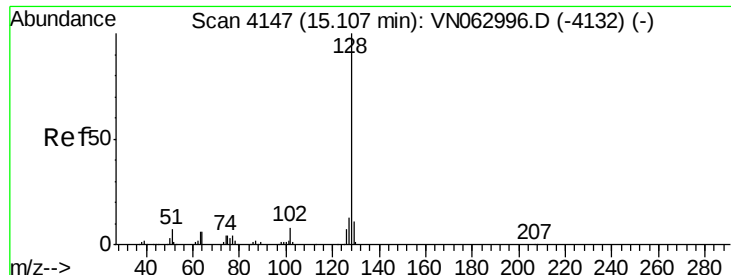
Tot Ion: 91 Resp: 126
Ion Ratio Lower Upper
91 100
92 143.7 25.9 77.6#
134 0.0 12.4 37.0#



#90
Hexachloroethane
Concen: 0.575 ug/l
RT: 13.83 min Scan# 3750
Delta R.T. -0.02 min
Lab File: VN063120.D
Acq: 25 Aug 2020 18:39

Tgt Ion: 117 Resp: 926
Ion Ratio Lower Upper
117 100
201 0.0 44.1 132.4#





#95

Naphthalene

Concen: 79.690 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN063120.D

Acq: 25 Aug 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

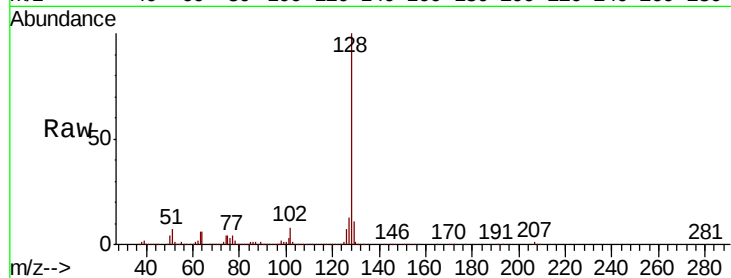
Tot Ion:128 Resp: 438488

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

300000

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

200000

15.11

100000

