

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064927.D
 Acq On : 4 Dec 2020 18:30
 Operator : JC/MD
 Sample : L4954-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6714-120120

Quant Time: Dec 05 01:33:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	170348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	317491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146606	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	104136	52.58	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.16%	
35) Dibromofluoromethane		7.55	113	97683	52.81	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.62%	
50) Toluene-d8		10.06	98	385978	51.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.14%	
62) 4-Bromofluorobenzene		12.38	95	154013	56.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.76	56	1111	5.889	ug/l #	36
14) Allyl chloride	4.48	41	4451	1.634	ug/l #	45
15) Acrylonitrile	5.00	53	527	0.618	ug/l #	18
16) Acetone	3.77	43	2785	4.278	ug/l #	80
18) Methyl Acetate	4.47	43	3730	1.906	ug/l #	50
20) Methylene Chloride	4.51	84	430	0.211	ug/l #	69
25) 2-Butanone	6.79	43	1713	1.623	ug/l #	49
31) Cyclohexane	7.62	56	9416	3.411	ug/l #	73
36) 1,1-Dichloropropene	7.63	75	12033	4.199	ug/l #	49
37) Ethyl Acetate	6.79	43	1713	0.621	ug/l #	66
38) Carbon Tetrachloride	7.62	117	16409	5.503	ug/l #	18
39) Methylcyclohexane	9.04	83	9379	3.040	ug/l	92
40) Benzene	8.00	78	45934	5.231	ug/l	99
41) Methacrylonitrile	7.34	41	1494	1.173	ug/l #	32
43) Isopropyl Acetate	8.11	43	5379	1.211	ug/l #	59
48) Methyl methacrylate	9.11	41	1269	0.598	ug/l #	31
55) 1,1,2-Trichloroethane	10.50	97	10851	4.880	ug/l #	19
56) Ethyl methacrylate	10.40	69	8660	2.822	ug/l #	17
67) Ethyl Benzene	11.48	91	2393	0.210	ug/l	98
73) Isopropylbenzene	12.22	105	30145	2.956	ug/l	99
76) 1,2,3-Trichloropropane	12.37	75	73109	23.156	ug/l #	100
78) n-propylbenzene	12.56	91	13189	1.135	ug/l	97
79) 2-Chlorotoluene	12.56	91	13189	1.837	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.37	75	73109	63.464	ug/l #	15
82) 4-Chlorotoluene	12.56	91	13189	1.752	ug/l #	41
83) tert-Butylbenzene	12.96	119	3923	0.552	ug/l	75
84) 1,2,4-Trimethylbenzene	13.01	105	2658	0.310	ug/l	84
85) sec-Butylbenzene	13.14	105	22486	2.384	ug/l	84
86) p-Isopropyltoluene	13.42	119	4803	0.559	ug/l	92
89) n-Butylbenzene	13.57	91	3016	0.400	ug/l #	8
90) Hexachloroethane	13.86	117	1237	0.829	ug/l #	9
95) Naphthalene	15.10	128	3397	0.382	ug/l #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
Data File : VN064927.D
Acq On : 4 Dec 2020 18:30
Operator : JC/MD
Sample : L4954-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6714-120120

Quant Time: Dec 05 01:33:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

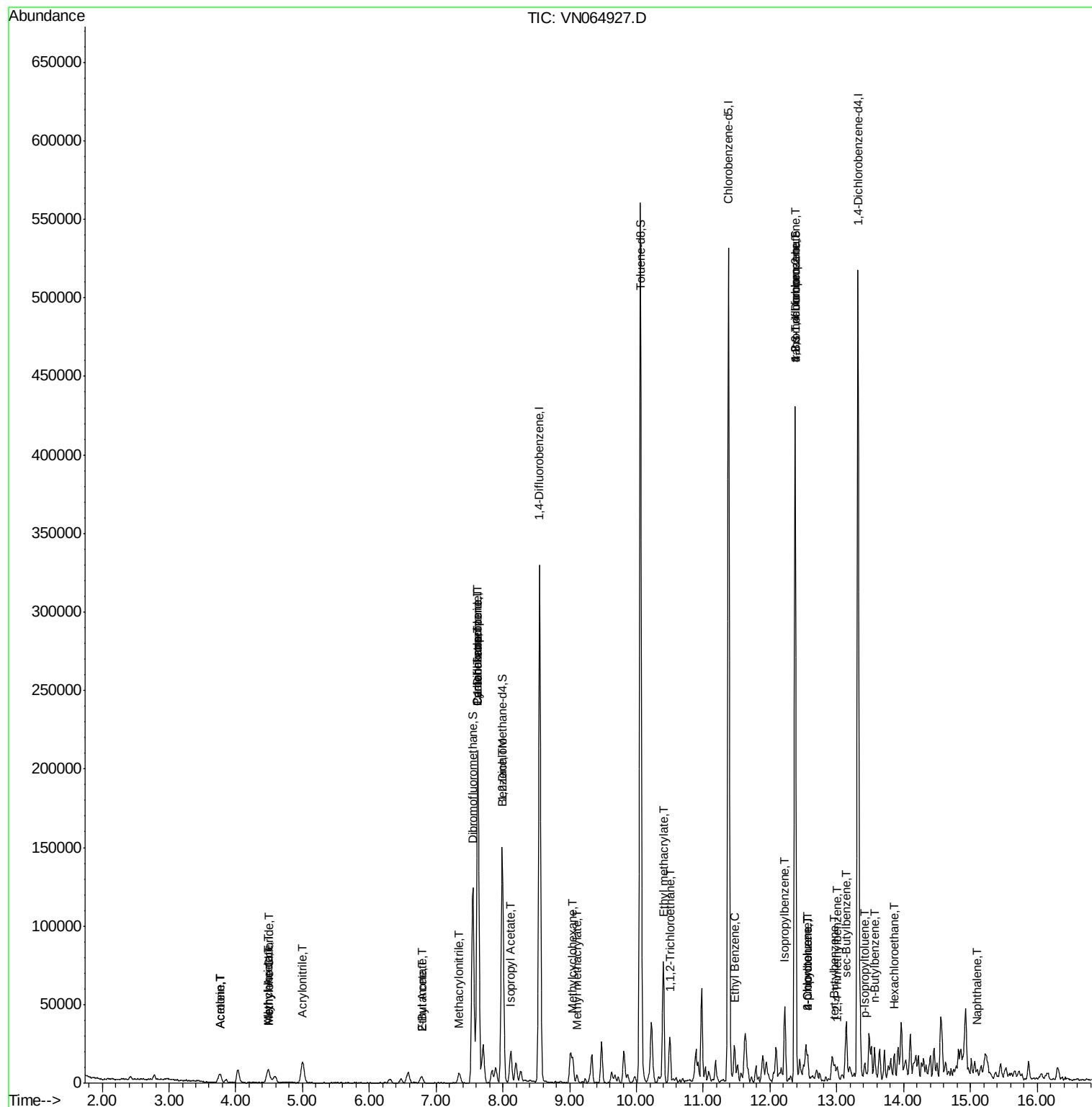
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

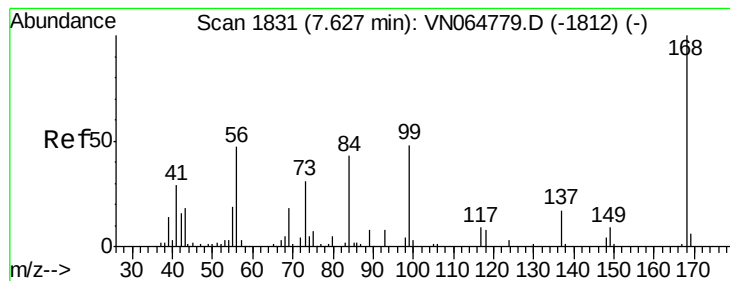
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
Data File : VN064927.D
Acq On : 4 Dec 2020 18:30
Operator : JC/MD
Sample : L4954-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6714-120120

Quant Time: Dec 05 01:33:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

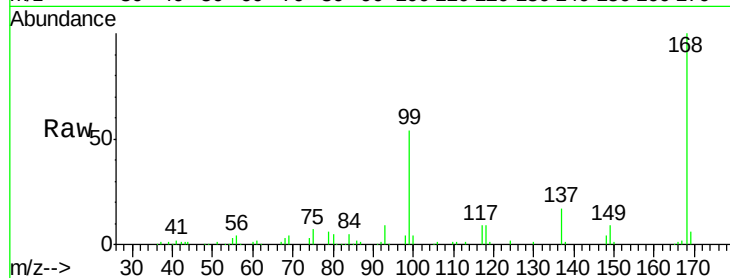
SS013-13-6714-120120

Tot Ion:168 Resp: 170348

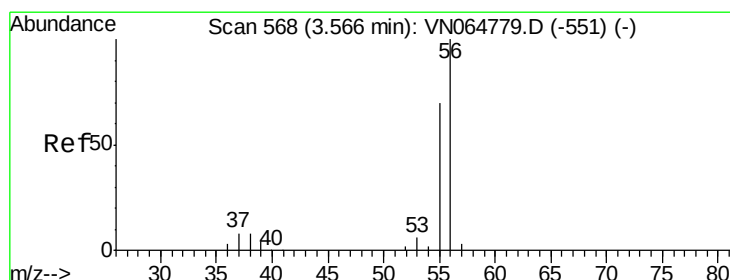
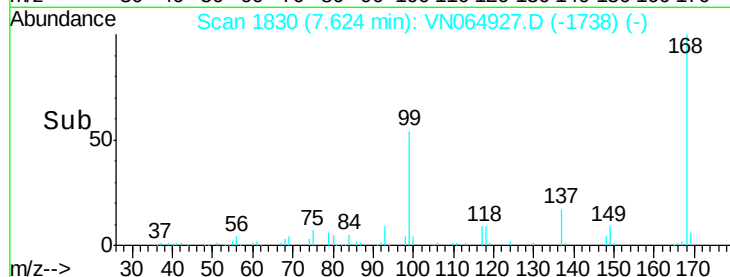
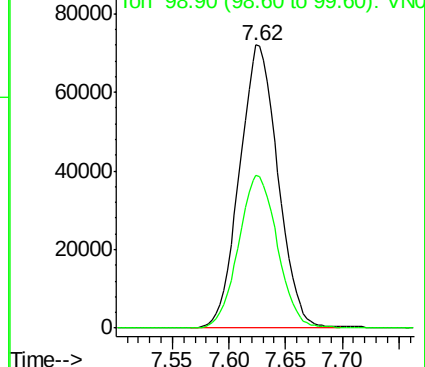
Ion Ratio Lower Upper

168 100

99 53.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064927.D (-1738) (-)



#13

Acrolein

Concen: 5.889 ug/l

RT: 3.76 min Scan# 627

Delta R.T. 0.19 min

Lab File: VN064927.D

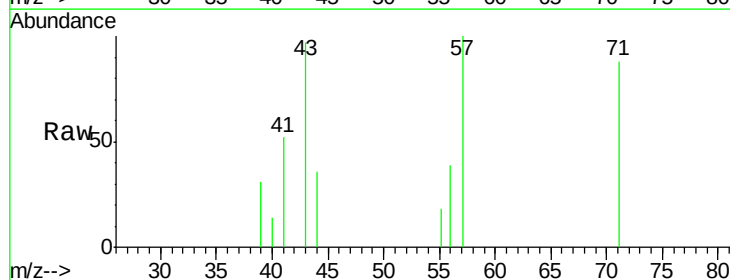
Acq: 4 Dec 2020 18:30

Tgt Ion: 56 Resp: 1111

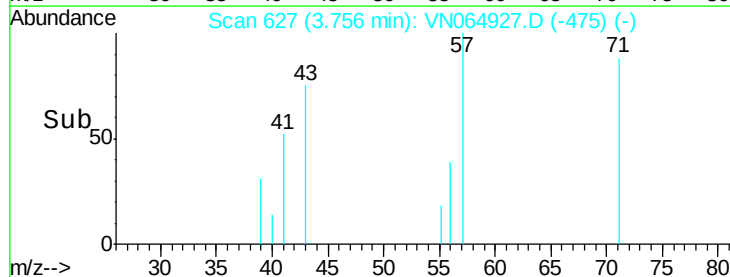
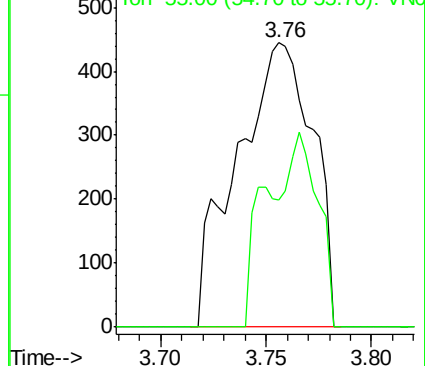
Ion Ratio Lower Upper

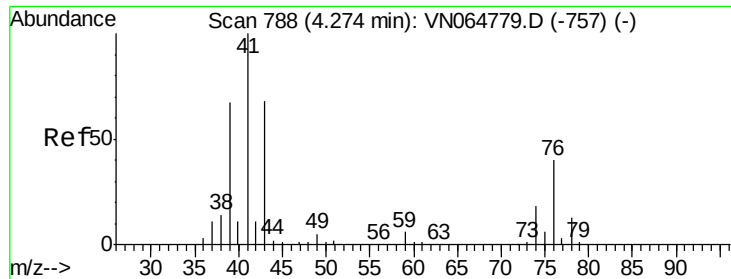
56 100

55 17.6 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN064927.D (-475) (-)

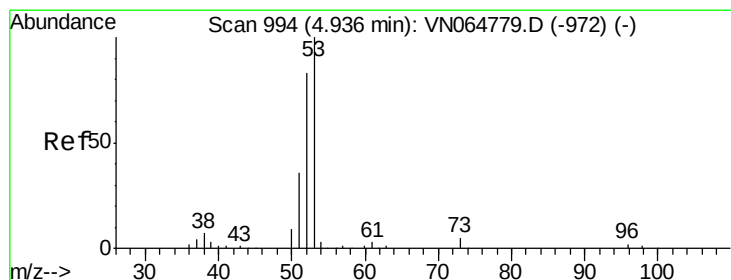
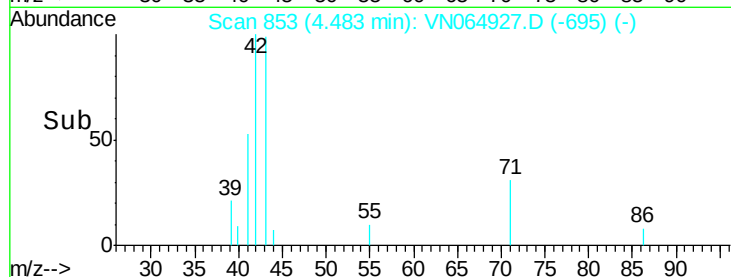
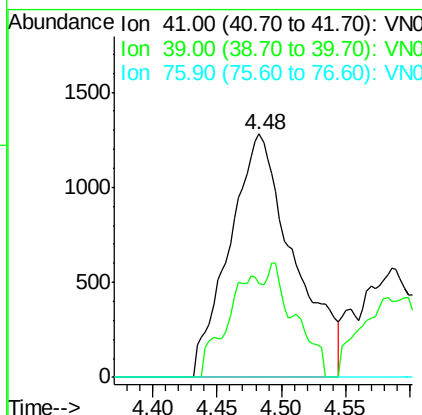
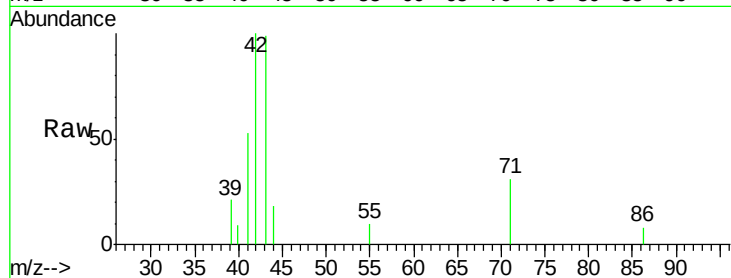




#14
Allvl chloride
Concen: 1.634 ug/l
RT: 4.48 min Scan# 853
Delta R.T. 0.21 min
Lab File: VN064927.D
Acq: 4 Dec 2020 18:30

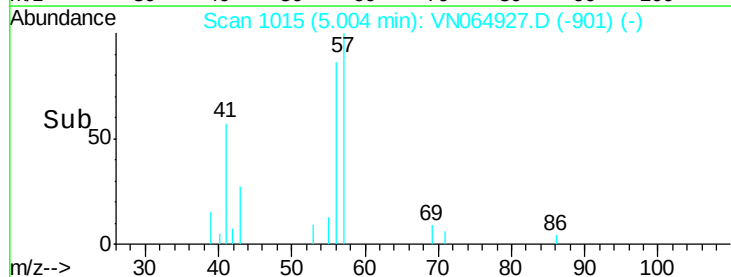
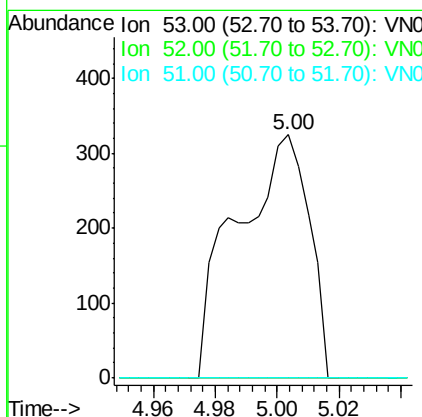
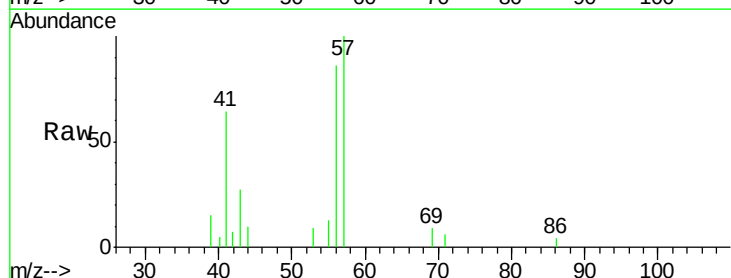
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6714-120120

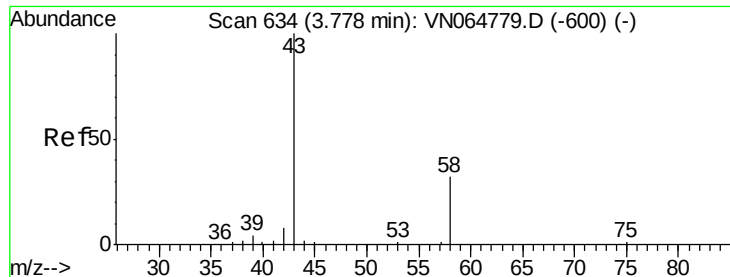
Tot Ion: 41 Resp: 4451
Ion Ratio Lower Upper
41 100
39 23.8 50.9 76.3#
76 0.0 29.0 43.4#



#15
Acrylonitrile
Concen: 0.618 ug/l
RT: 5.00 min Scan# 1015
Delta R.T. 0.07 min
Lab File: VN064927.D
Acq: 4 Dec 2020 18:30

Tgt Ion: 53 Resp: 527
Ion Ratio Lower Upper
53 100
52 0.0 65.5 98.3#
51 0.0 28.6 43.0#





#16

Acetone

Concen: 4.278 ug/l

RT: 3.77 min Scan# 630

Delta R.T. -0.01 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

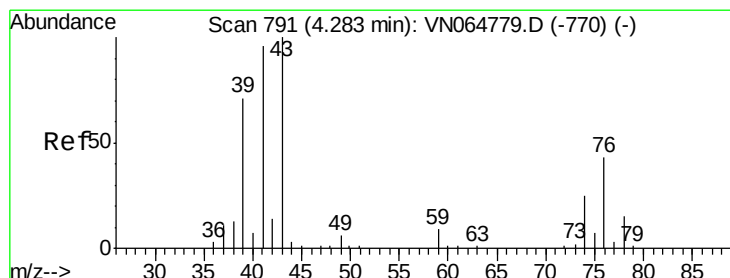
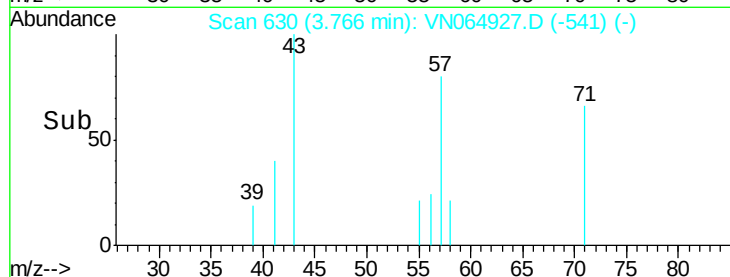
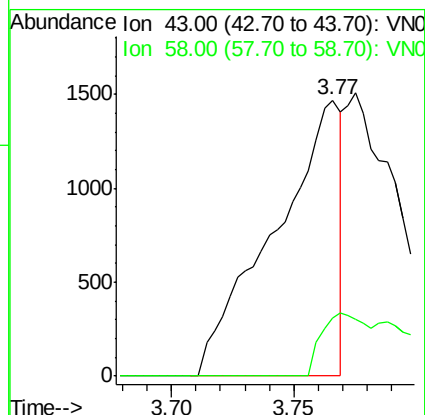
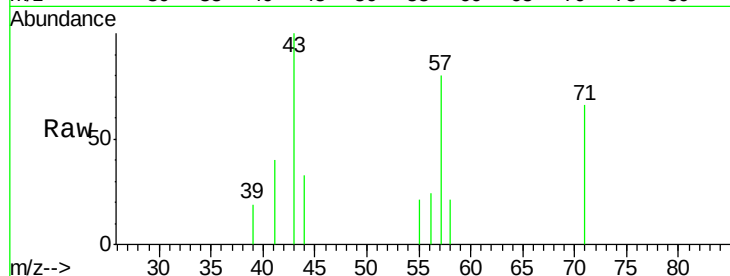
SS013-13-6714-120120

Tot Ion: 43 Resp: 2785

Ion Ratio Lower Upper

43 100

58 20.9 25.7 38.5#



#18

Methyl Acetate

Concen: 1.906 ug/l

RT: 4.47 min Scan# 849

Delta R.T. 0.19 min

Lab File: VN064927.D

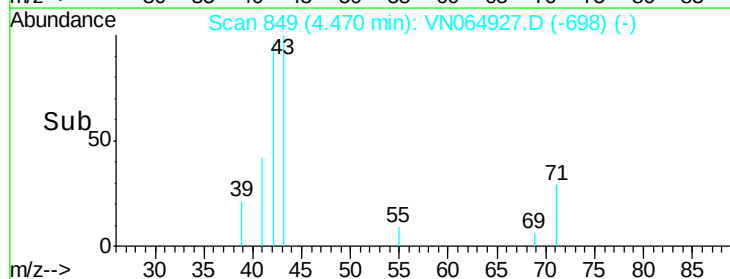
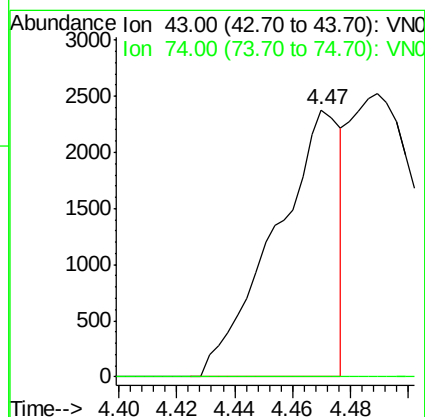
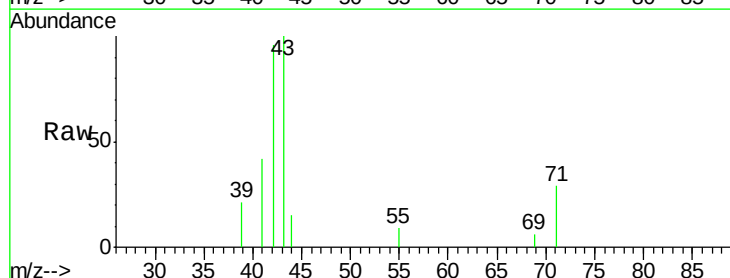
Acq: 4 Dec 2020 18:30

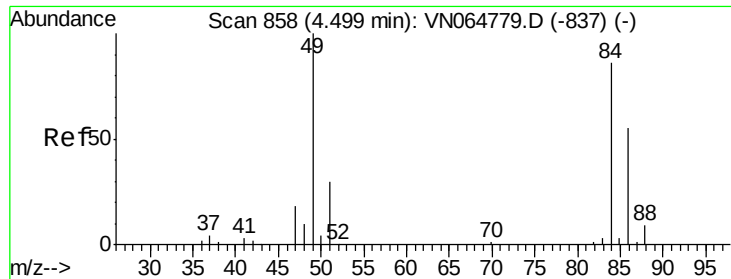
Tgt Ion: 43 Resp: 3730

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#

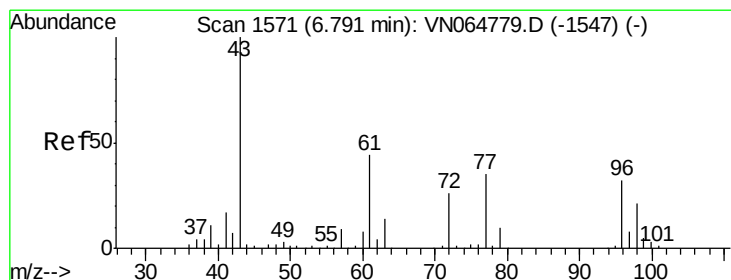
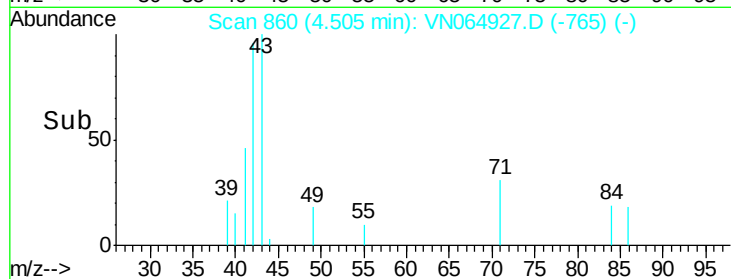
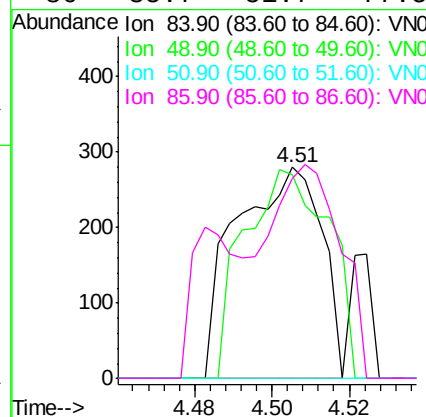
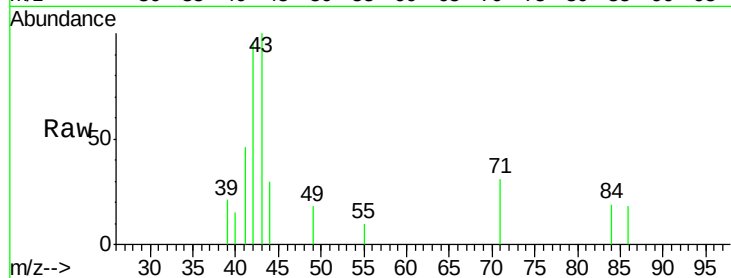




#20
Methvlene Chloride
Concen: 0.211 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064927.D
Acq: 4 Dec 2020 18:30

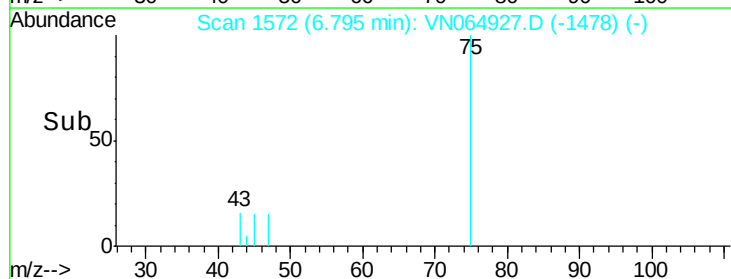
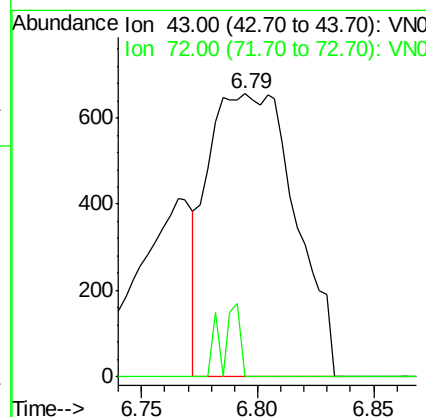
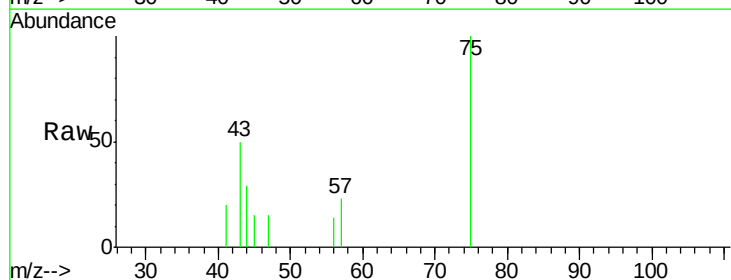
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6714-120120

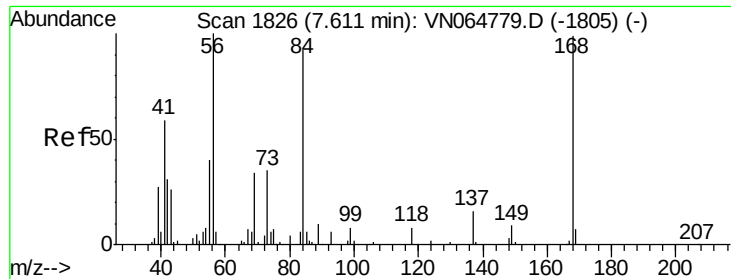
Tot Ion:	84	Resp:	430
Ion	Ratio	Lower	Upper
84	100		
49	96.4	93.4	140.0
51	0.0	28.2	42.4#
86	35.7	51.7	77.5#



#25
2-Butanone
Concen: 1.623 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN064927.D
Acq: 4 Dec 2020 18:30

Tgt Ion:	43	Resp:	1713
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#

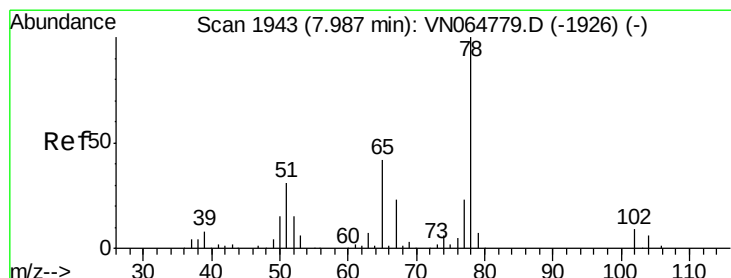
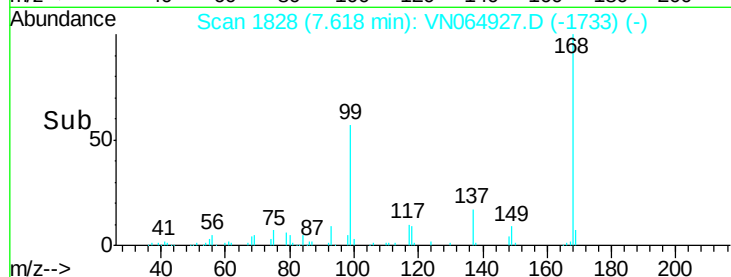
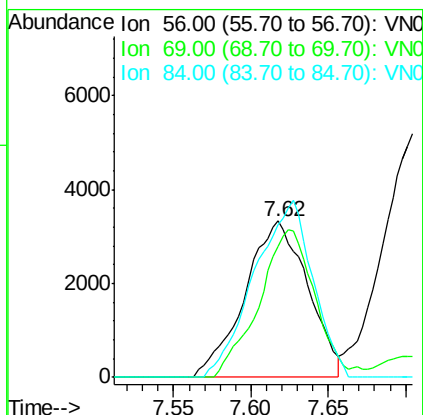
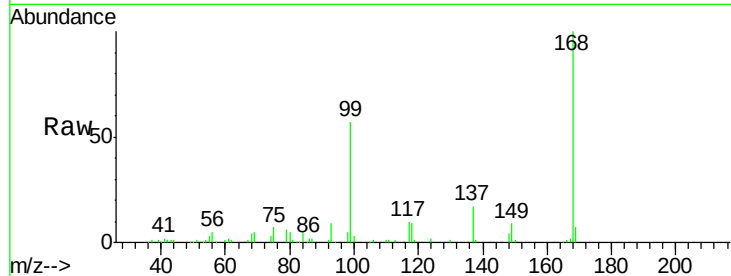




#31
Cyclohexane
Concen: 3.411 ug/l
RT: 7.62 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN064927.D
Acq: 4 Dec 2020 18:30

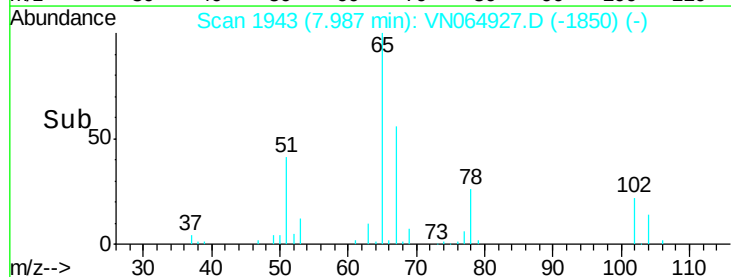
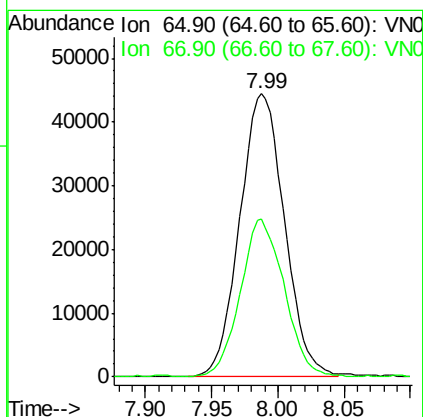
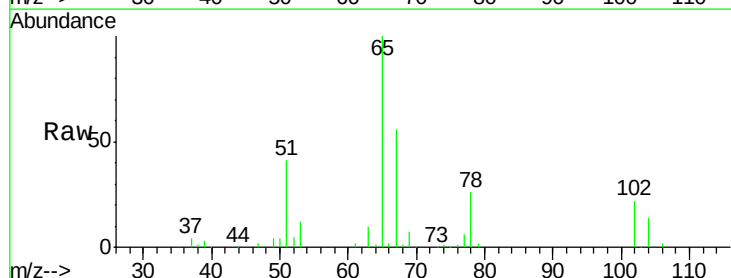
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6714-120120

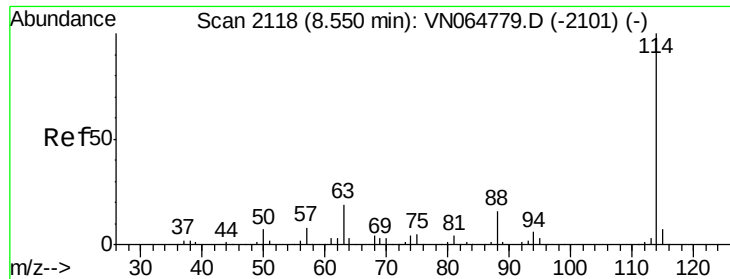
Tot Ion: 56 Resp: 9416
Ion Ratio Lower Upper
56 100
69 83.9 27.5 41.3#
84 97.5 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 52.583 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064927.D
Acq: 4 Dec 2020 18:30

Tgt Ion: 65 Resp: 104136
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.2

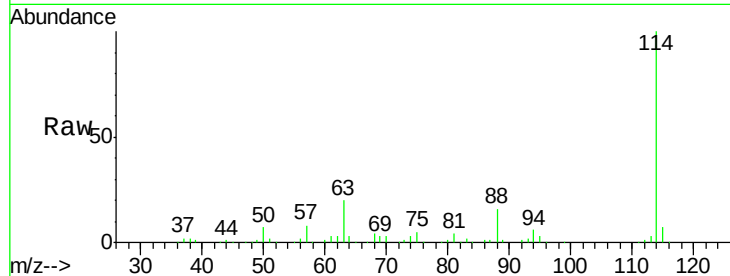




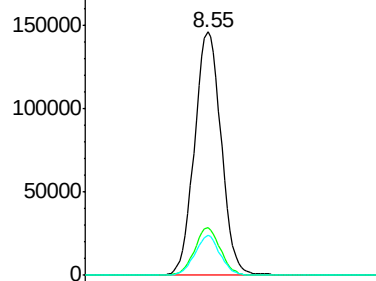
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064927.D
Acq: 4 Dec 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6714-120120

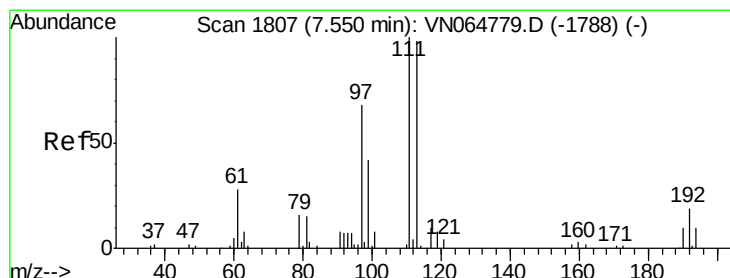
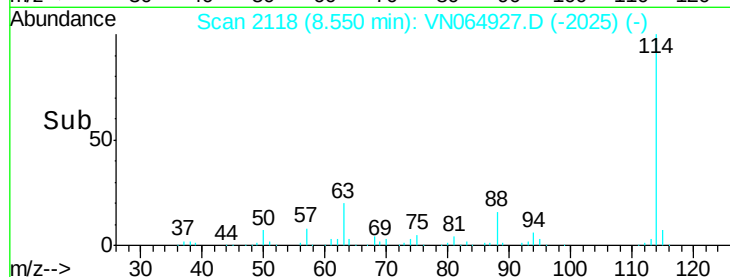
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	16.2	0.0	32.6



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

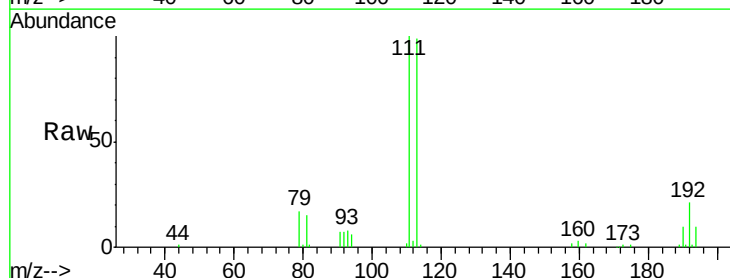


Time-->

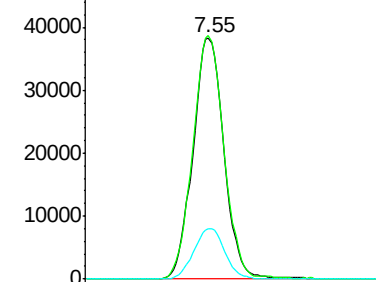


#35
Dibromofluoromethane
Concen: 52.805 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064927.D
Acq: 4 Dec 2020 18:30

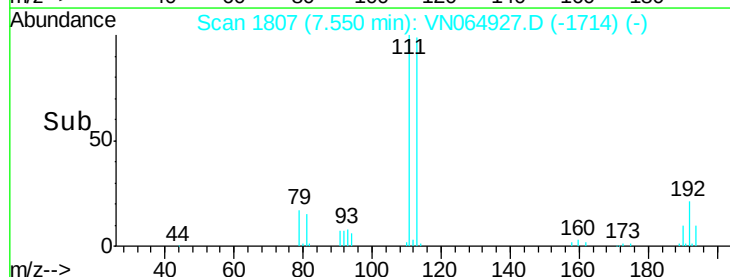
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.6	122.4
192	20.9	16.2	24.2

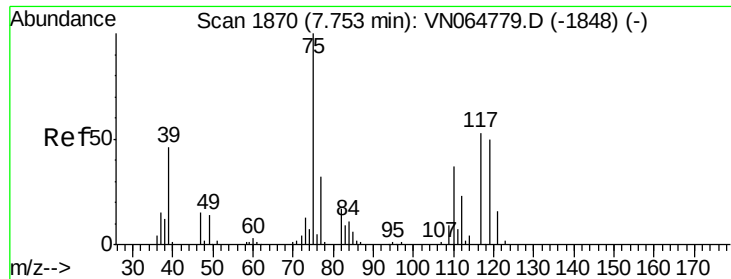


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



Time-->

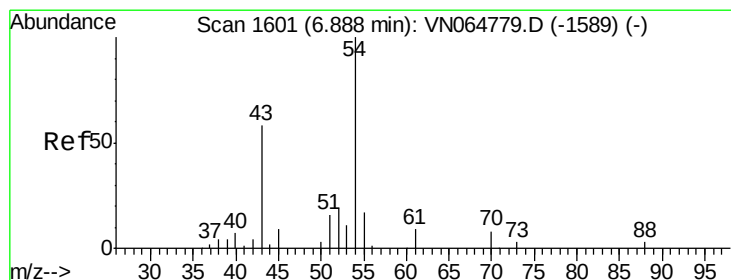
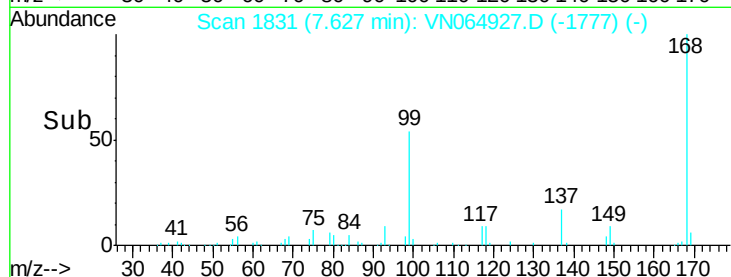
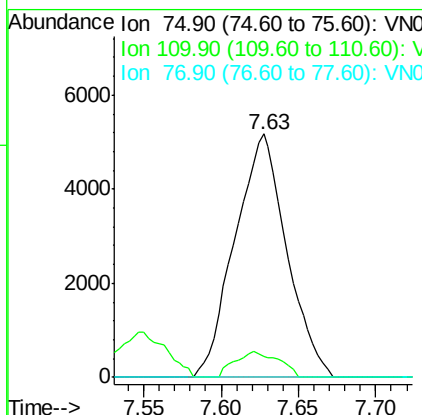
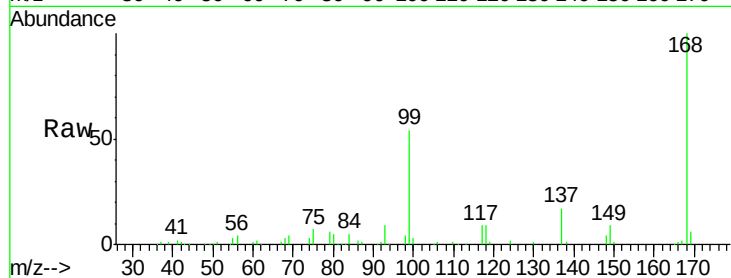




#36
 1,1-Dichloropropene
 Concen: 4.199 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064927.D
 Acq: 4 Dec 2020 18:30

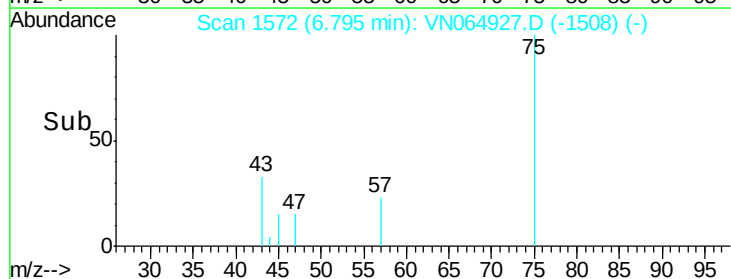
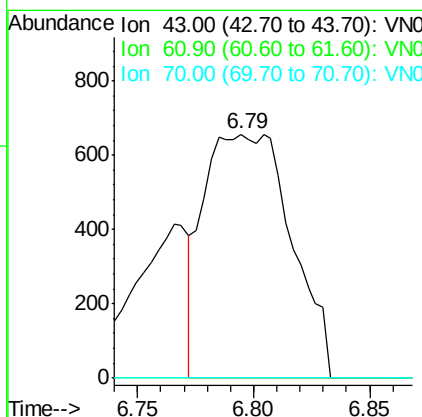
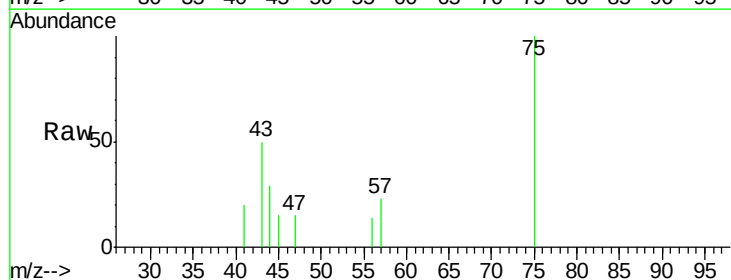
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6714-120120

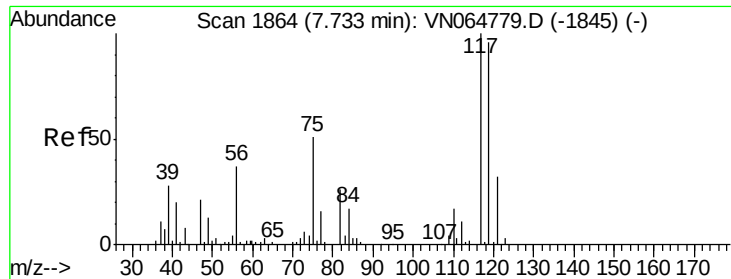
Tot Ion: 75 Resp: 12033
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.8 53.3#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 0.621 ug/l
 RT: 6.79 min Scan# 1572
 Delta R.T. -0.09 min
 Lab File: VN064927.D
 Acq: 4 Dec 2020 18:30

Tgt Ion: 43 Resp: 1713
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.8 19.2#
 70 0.0 8.8 13.2#





#38

Carbon Tetrachloride

Concen: 5.503 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6714-120120

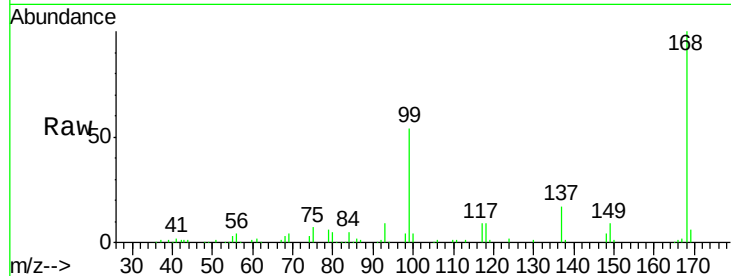
Tot Ion:117 Resp: 16409

Ion Ratio Lower Upper

117 100

119 7.2 76.7 115.1#

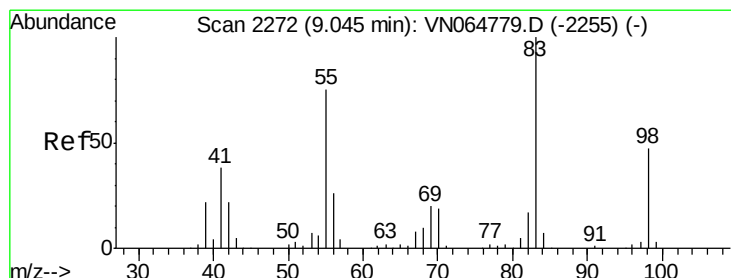
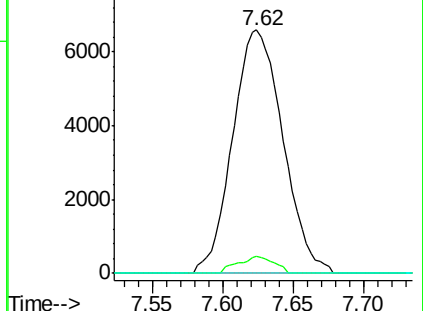
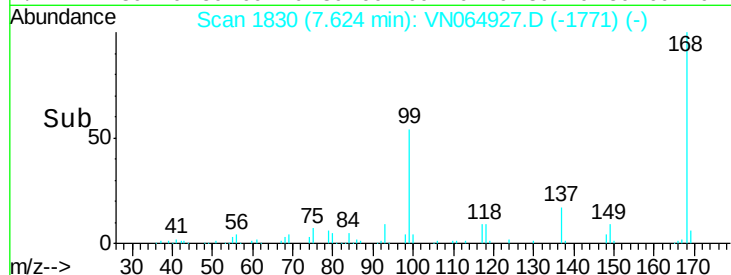
121 0.0 25.4 38.2#



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: 3.040 ug/l

RT: 9.04 min Scan# 2270

Delta R.T. -0.01 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

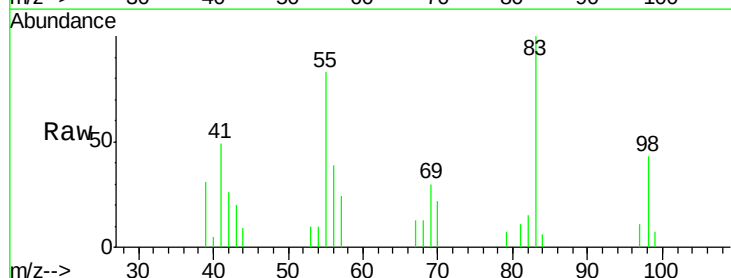
Tgt Ion: 83 Resp: 9379

Ion Ratio Lower Upper

83 100

55 82.8 60.2 90.2

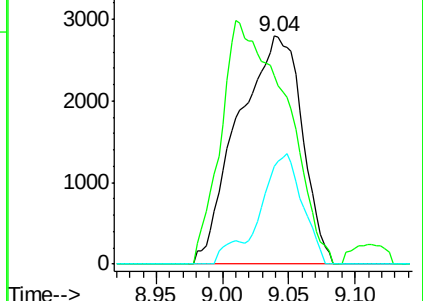
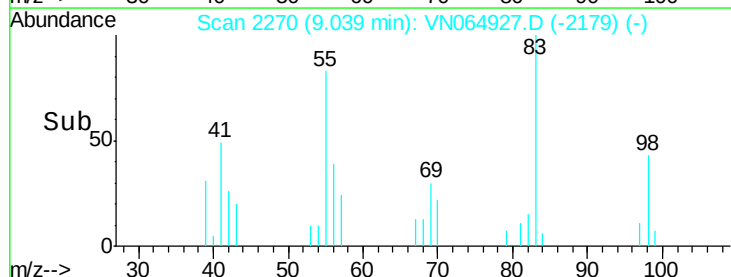
98 42.7 37.4 56.2

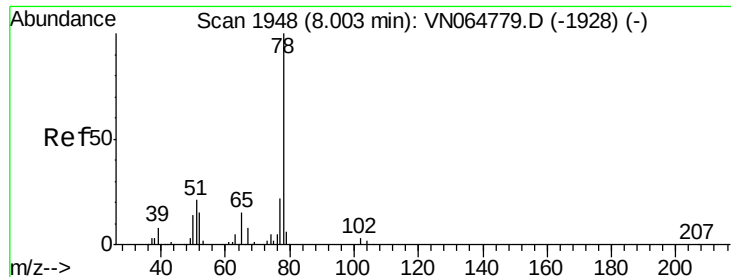


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 5.231 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

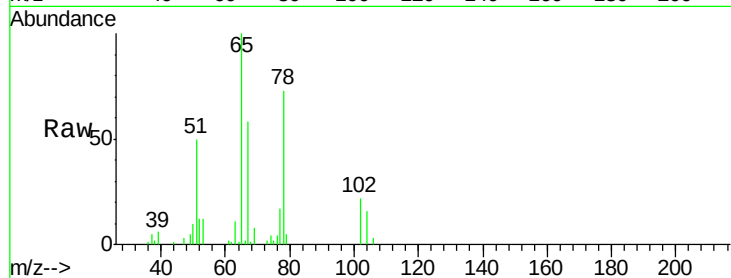
SS013-13-6714-120120

Tot Ion: 78 Resp: 45934

Ion Ratio Lower Upper

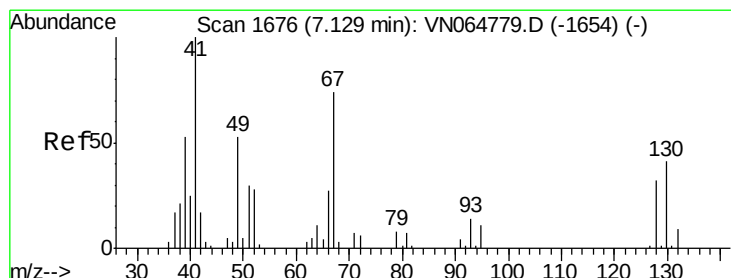
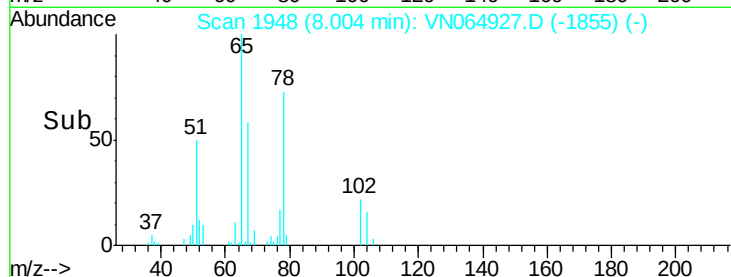
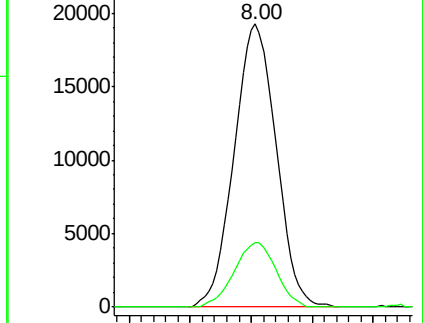
78 100

77 22.9 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 1.173 ug/l

RT: 7.34 min Scan# 1742

Delta R.T. 0.21 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Tgt Ion: 41 Resp: 1494

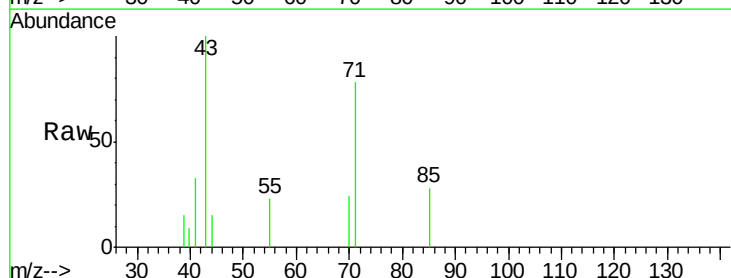
Ion Ratio Lower Upper

41 100

39 48.3 51.0 76.6#

67 0.0 79.8 119.8#

52 0.0 31.5 47.3#

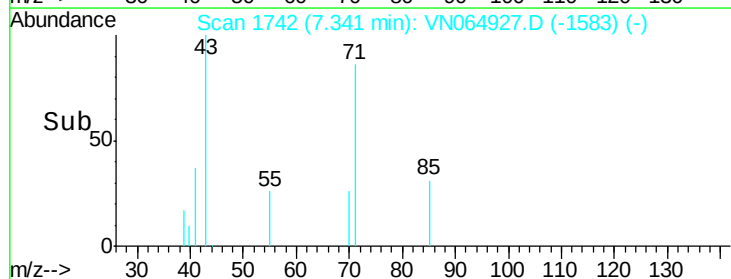
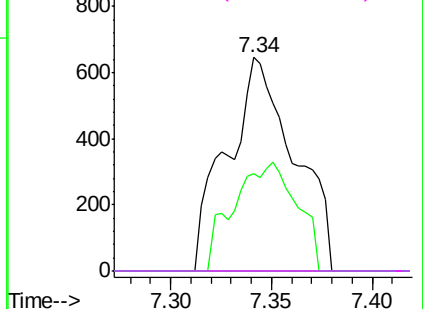


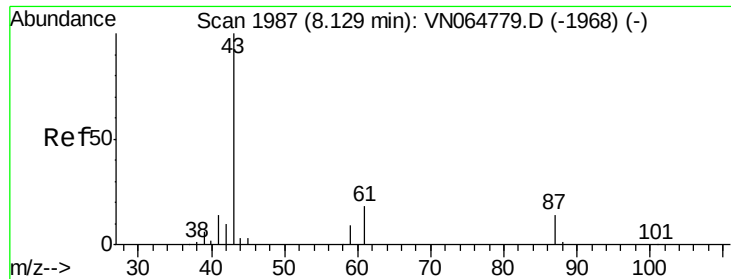
Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 1.211 ug/l

RT: 8.11 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6714-120120

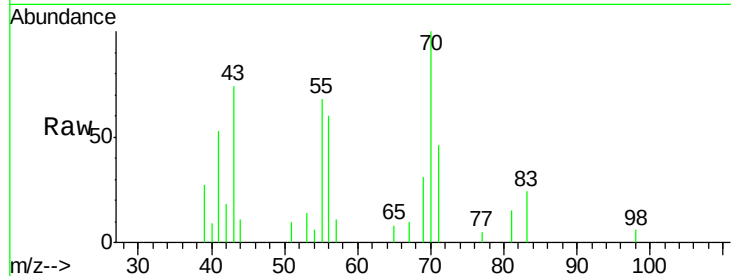
Tot Ion: 43 Resp: 5379

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

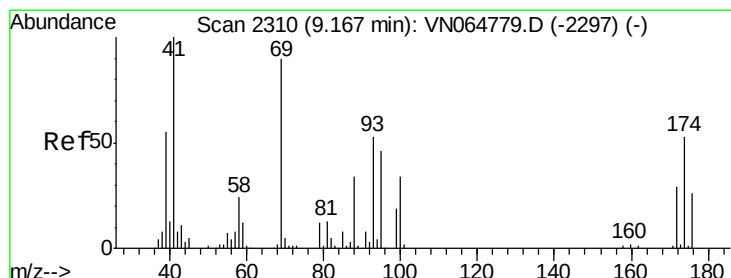
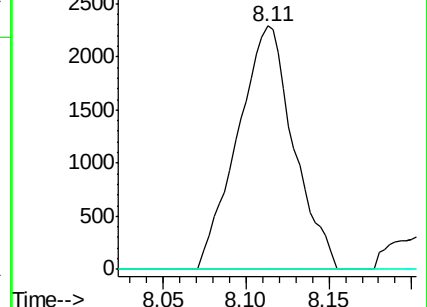
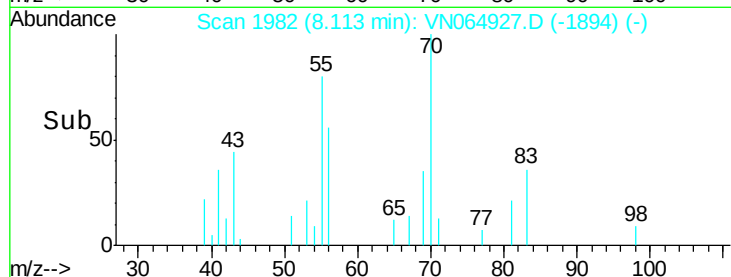
87 0.0 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064927.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN064927.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN064927.D (-1894) (-)



#48

Methyl methacrylate

Concen: 0.598 ug/l

RT: 9.11 min Scan# 2291

Delta R.T. -0.06 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

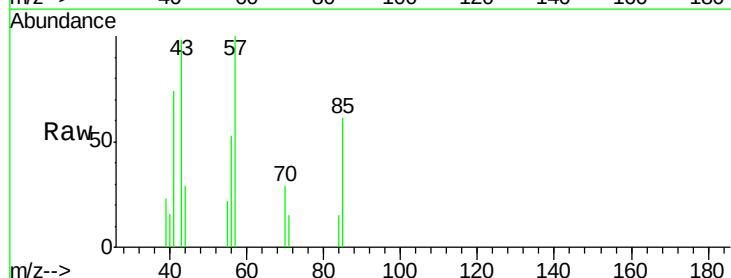
Tgt Ion: 41 Resp: 1269

Ion Ratio Lower Upper

41 100

69 0.0 71.8 107.8#

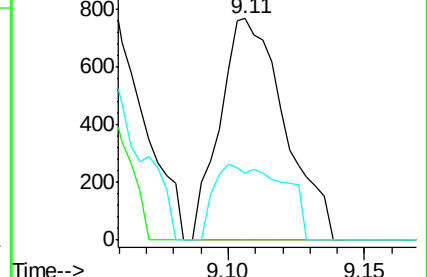
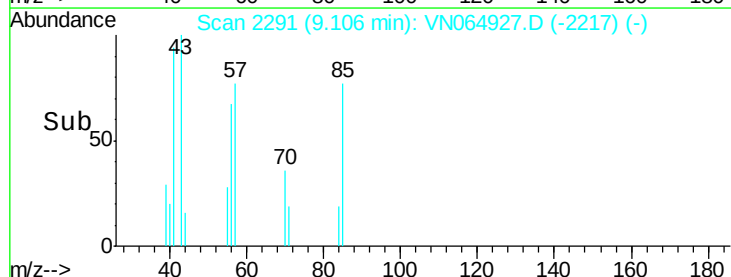
39 36.7 44.1 66.1#

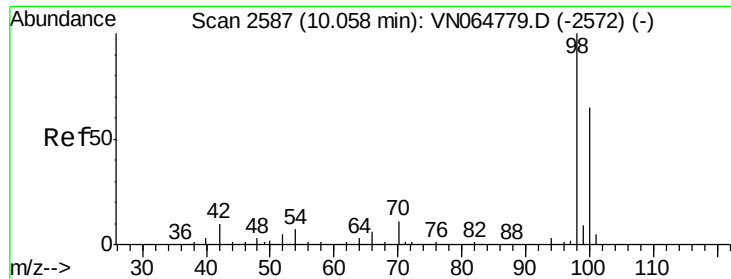


Abundance Ion 41.00 (40.70 to 41.70): VN064927.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064927.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064927.D (-2217) (-)





#50

Toluene-d8

Concen: 51.066 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

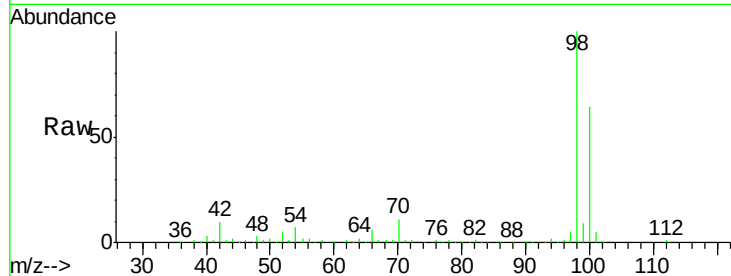
SS013-13-6714-120120

Tot Ion: 98 Resp: 385978

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

250000

200000

150000

100000

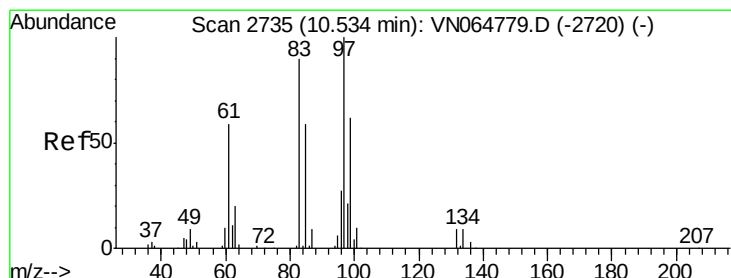
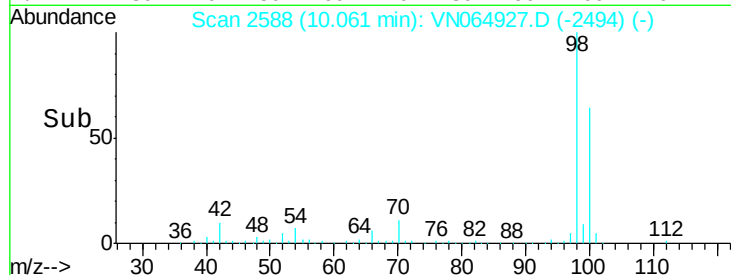
50000

0

10.06

10.10

Time-->



#55

1,1,2-Trichloroethane

Concen: 4.880 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Tgt Ion: 97 Resp: 10851

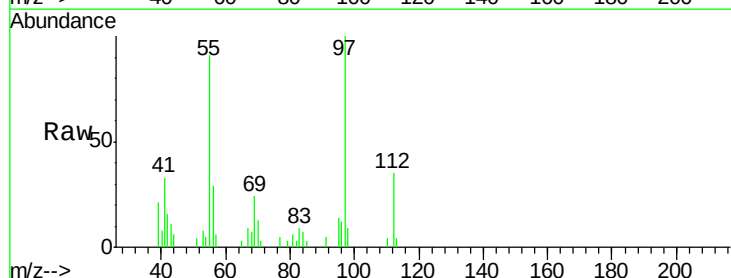
Ion Ratio Lower Upper

97 100

83 8.6 72.1 108.1#

85 3.0 46.8 70.2#

99 0.0 49.6 74.4#



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

8000

6000

4000

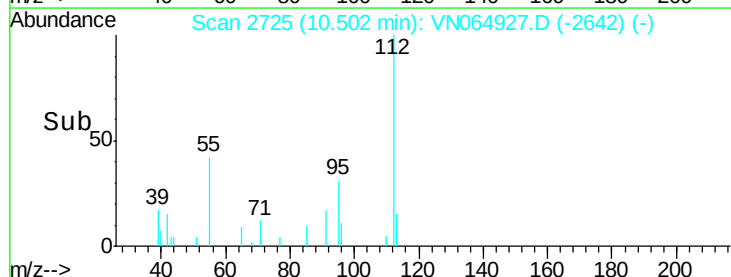
2000

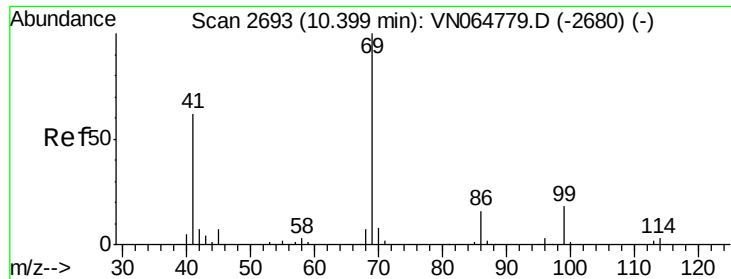
0

10.50

10.55

Time-->





#56

Ethyl methacrylate

Concen: 2.822 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6714-120120

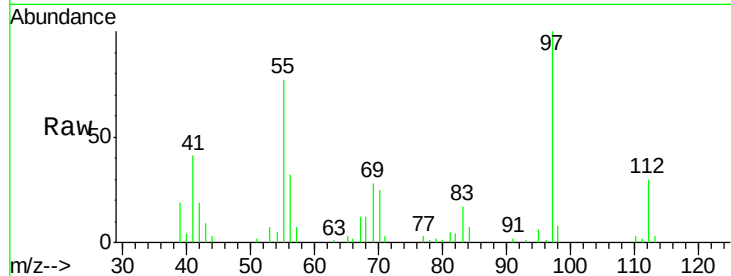
Tot Ion: 69 Resp: 8660

Ion Ratio Lower Upper

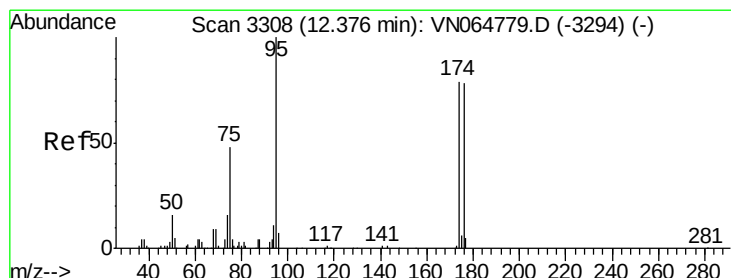
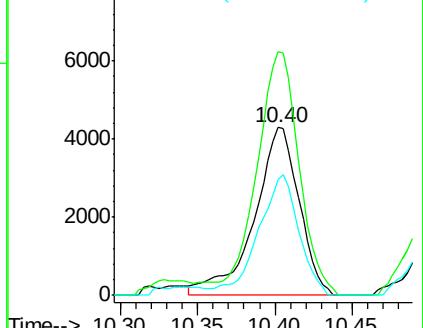
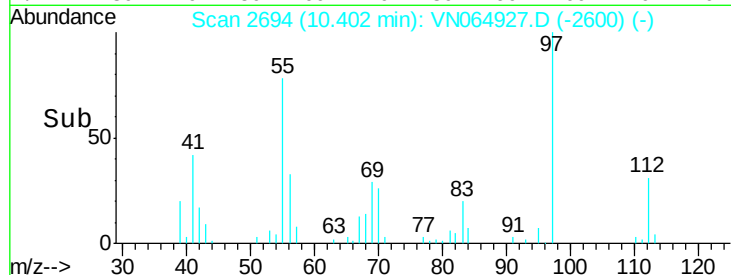
69 100

41 135.9 49.4 74.0#

39 64.7 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN064927.D (-2600) (-)



#62

4-Bromofluorobenzene

Concen: 56.936 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

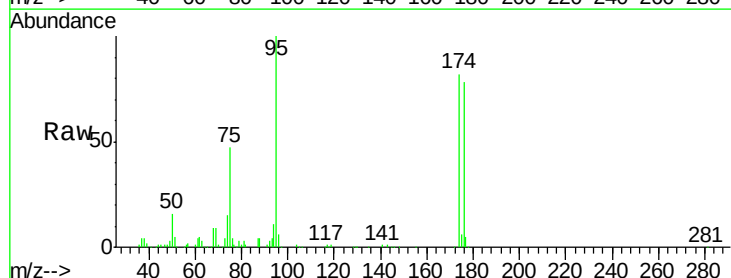
Tgt Ion: 95 Resp: 154013

Ion Ratio Lower Upper

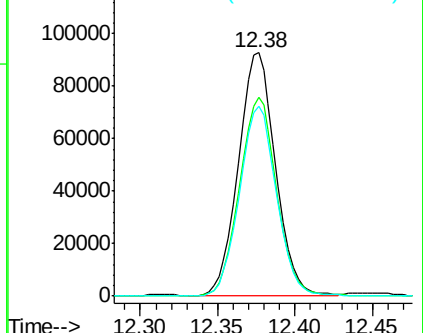
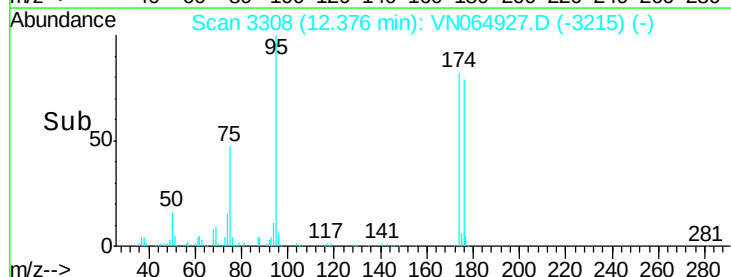
95 100

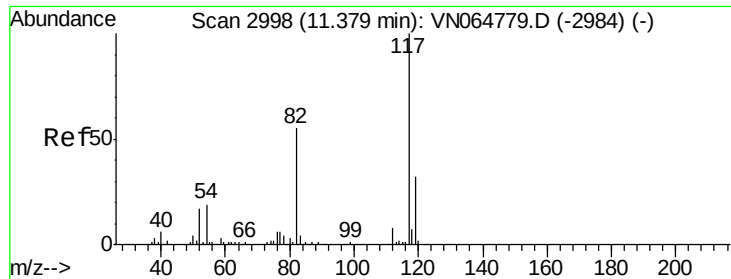
174 82.2 0.0 160.4

176 78.4 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064927.D (-3215) (-)

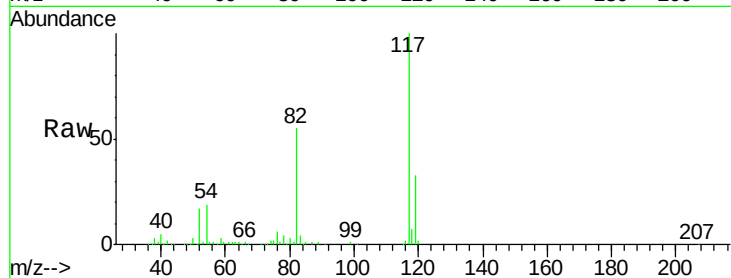




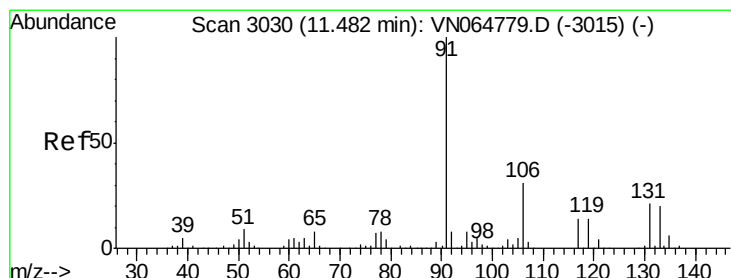
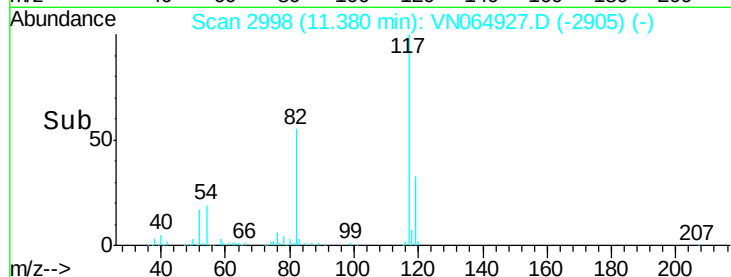
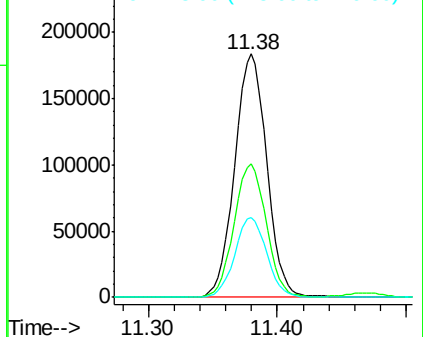
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064927.D
Acq: 4 Dec 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6714-120120

Tot Ion:117 Resp: 317491
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.9 25.8 38.6

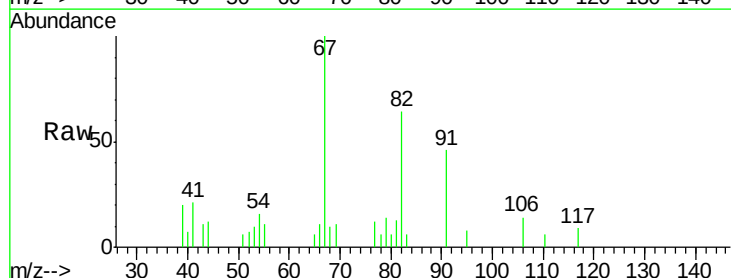


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

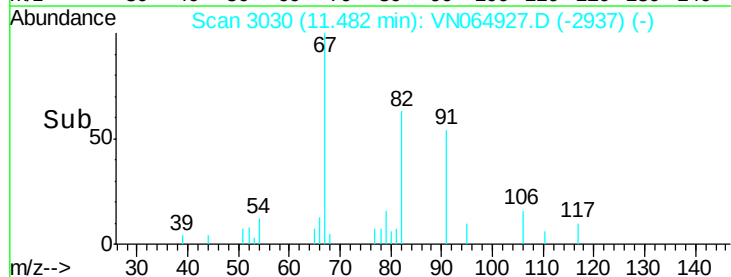
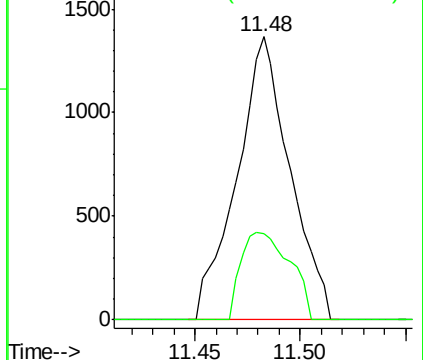


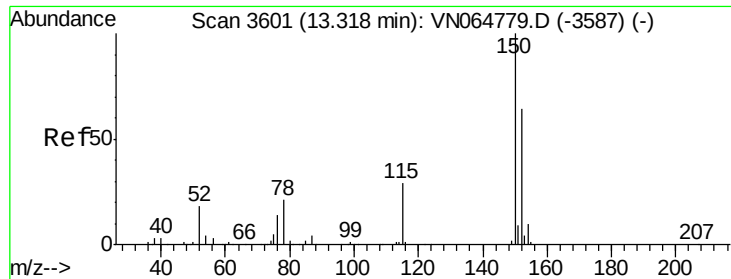
#67
Ethyl Benzene
Concen: 0.210 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064927.D
Acq: 4 Dec 2020 18:30

Tgt Ion: 91 Resp: 2393
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8



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

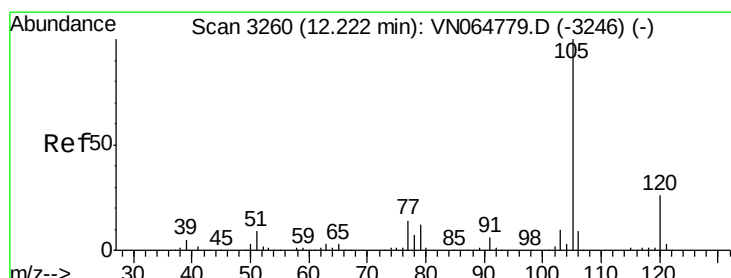
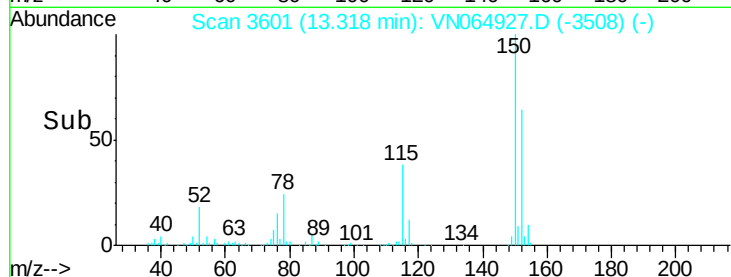
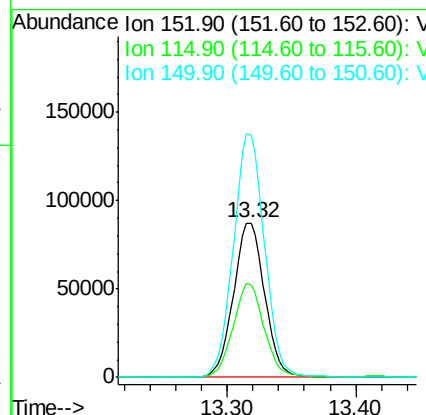
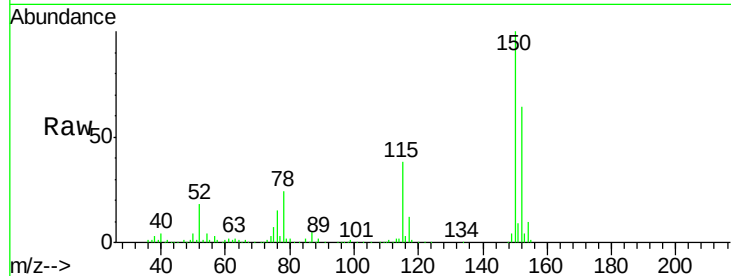




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN064927.D
 Acq: 4 Dec 2020 18:30

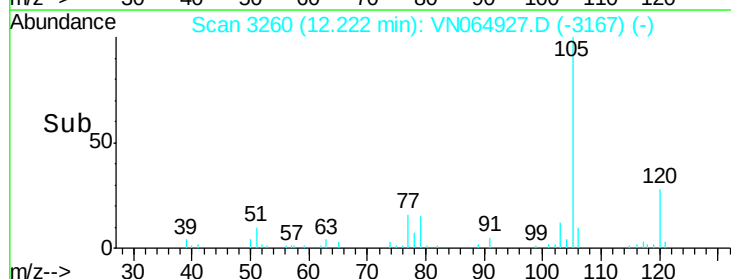
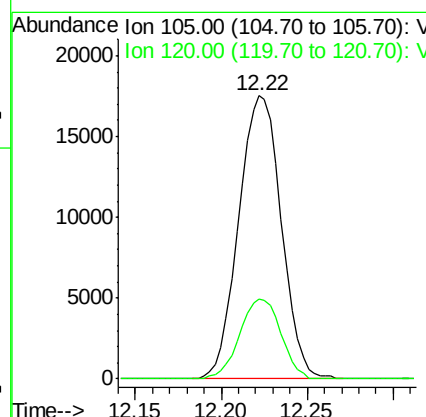
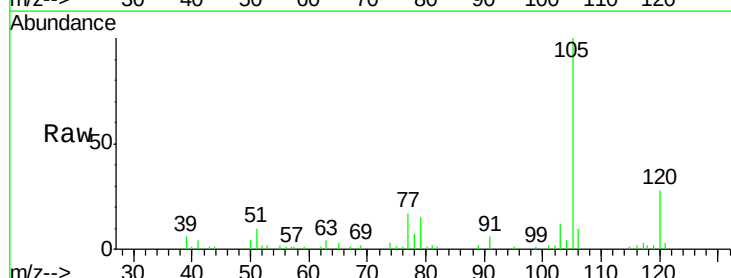
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6714-120120

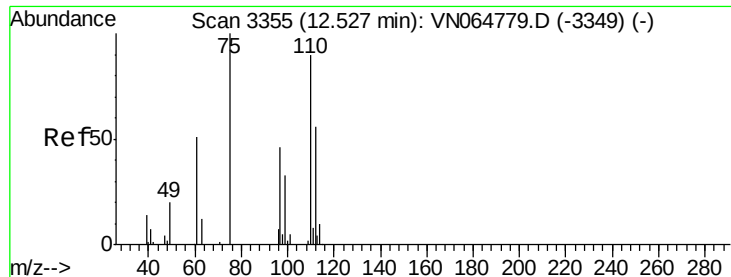
Tot Ion:152 Resp: 146606
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.7 89.1
 150 157.7 0.0 350.6



#73
 Isopropylbenzene
 Concen: 2.956 ug/l
 RT: 12.22 min Scan# 3260
 Delta R.T. 0.00 min
 Lab File: VN064927.D
 Acq: 4 Dec 2020 18:30

Tgt Ion:105 Resp: 30145
 Ion Ratio Lower Upper
 105 100
 120 27.3 13.3 39.9





#76

1,2,3-Trichloropropane

Concen: 23.156 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

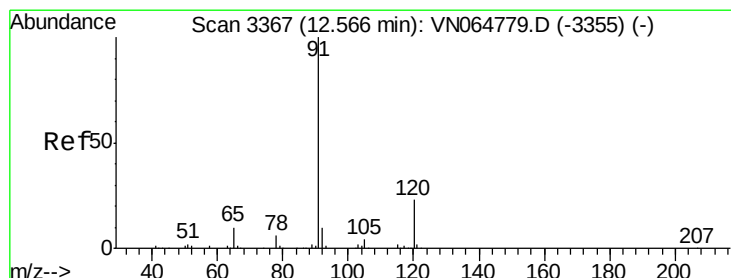
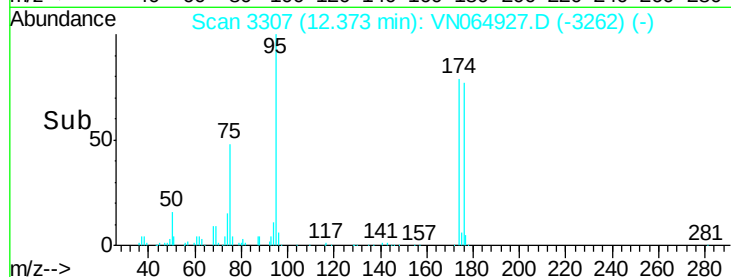
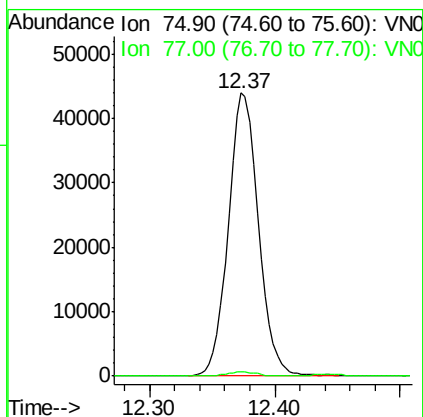
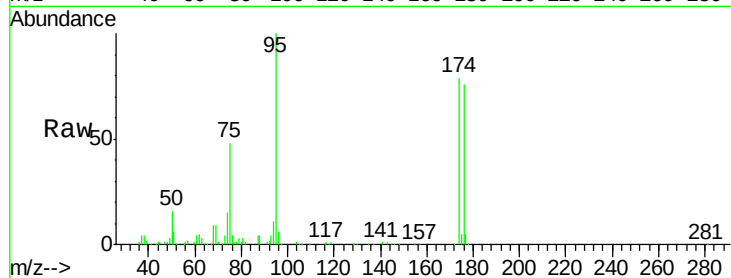
SS013-13-6714-120120

Tot Ion: 75 Resp: 73109

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#78

n-propylbenzene

Concen: 1.135 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064927.D

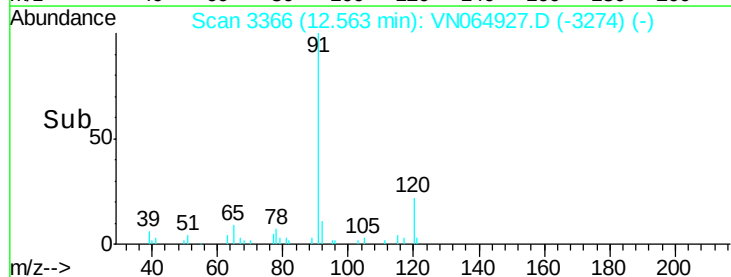
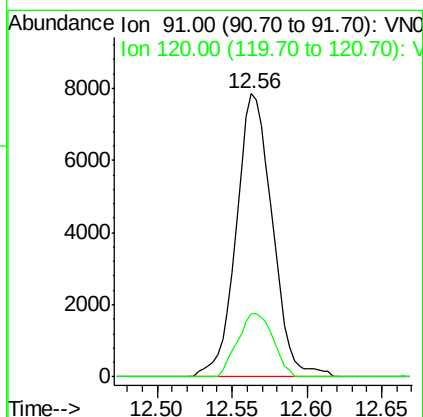
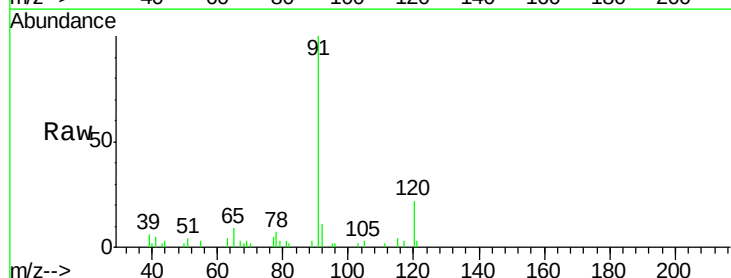
Acq: 4 Dec 2020 18:30

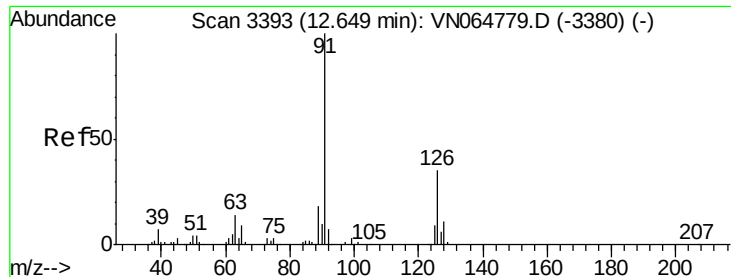
Tgt Ion: 91 Resp: 13189

Ion Ratio Lower Upper

91 100

120 21.8 11.6 34.7





#79

2-Chlorotoluene

Concen: 1.837 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.09 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

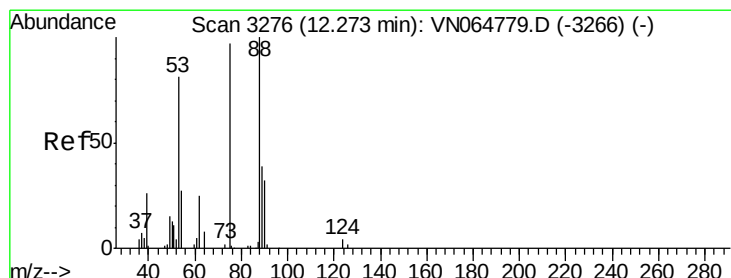
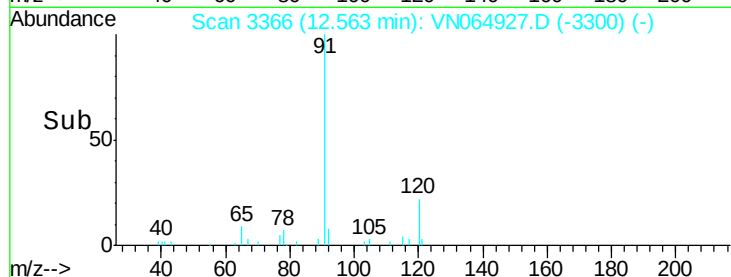
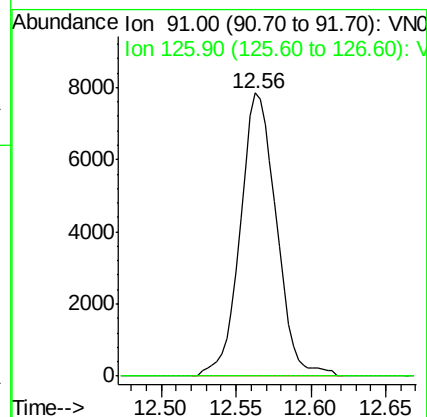
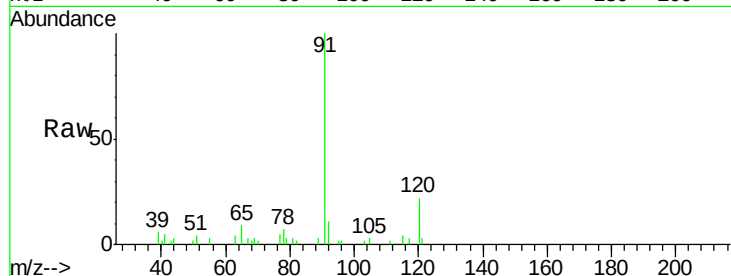
SS013-13-6714-120120

Tot Ion: 91 Resp: 13189

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.464 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

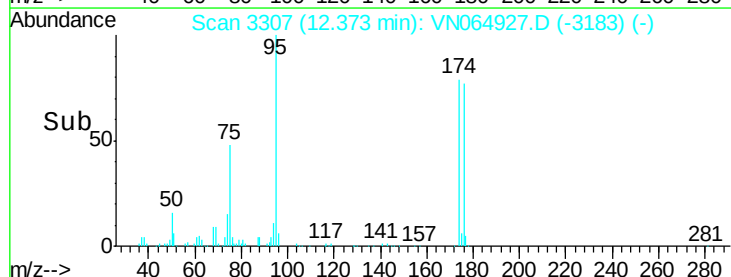
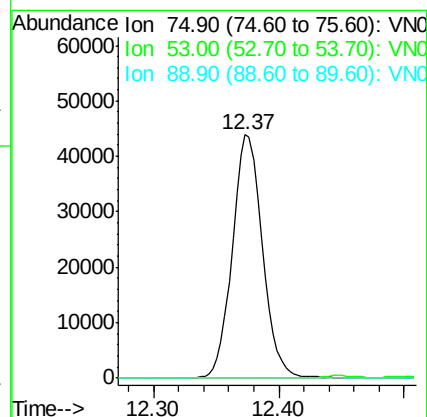
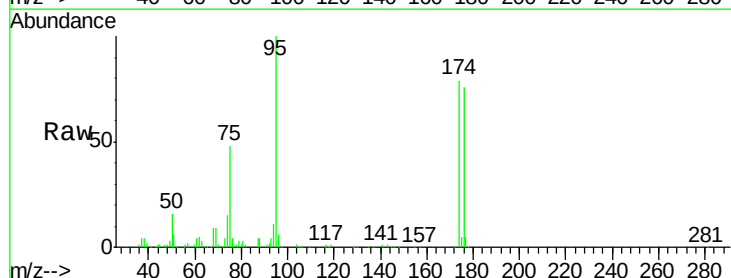
Tgt Ion: 75 Resp: 73109

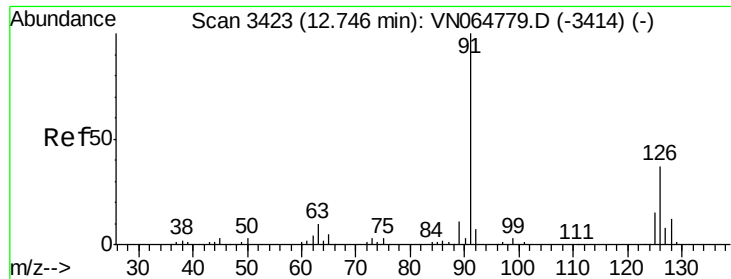
Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

89 0.0 39.6 59.4#





#82

4-Chlorotoluene

Concen: 1.752 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.18 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

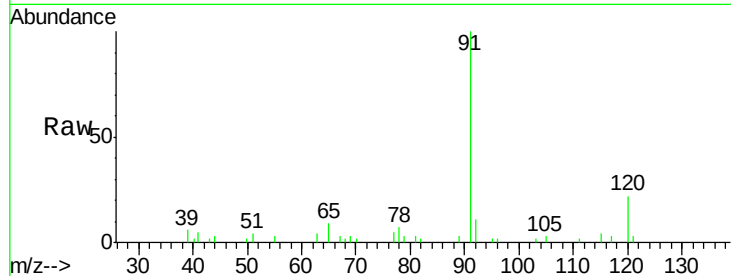
SS013-13-6714-120120

Tot Ion: 91 Resp: 13189

Ion Ratio Lower Upper

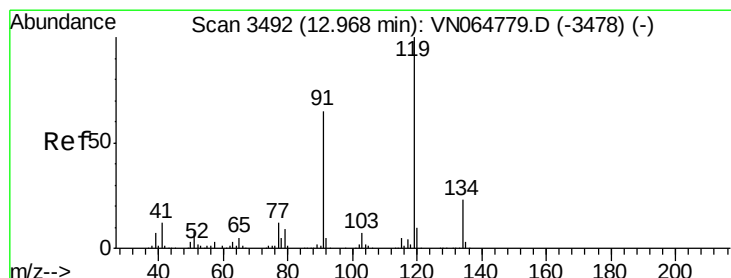
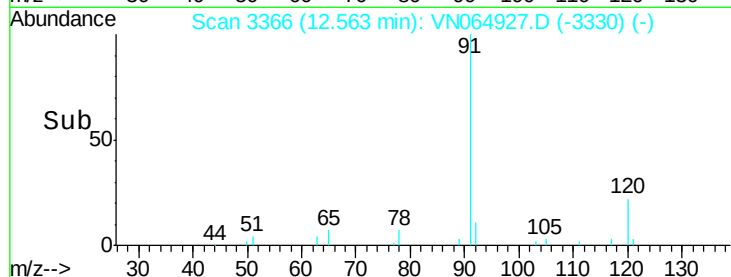
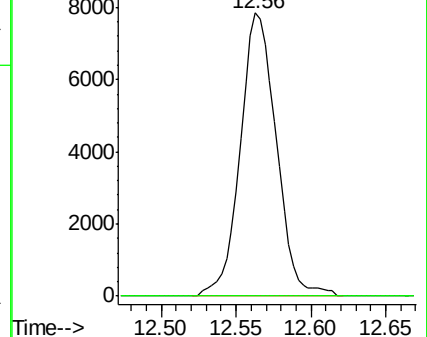
91 100

126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN064927.D (-3366) (-)

Ion 125.90 (125.60 to 126.60): VN064927.D (-3366) (-)



#83

tert-Butylbenzene

Concen: 0.552 ug/l

RT: 12.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

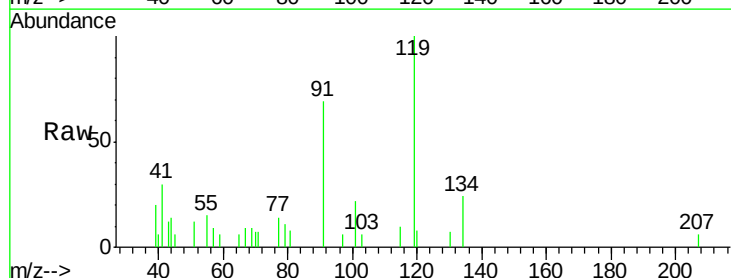
Tgt Ion: 119 Resp: 3923

Ion Ratio Lower Upper

119 100

91 88.7 32.3 96.8

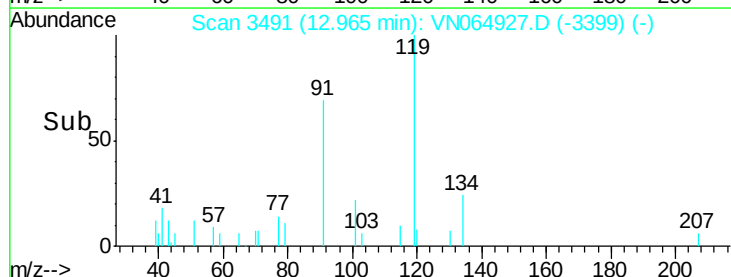
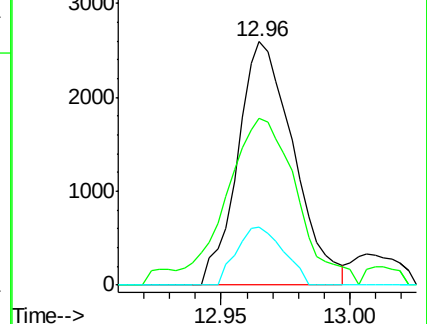
134 19.9 12.6 37.6

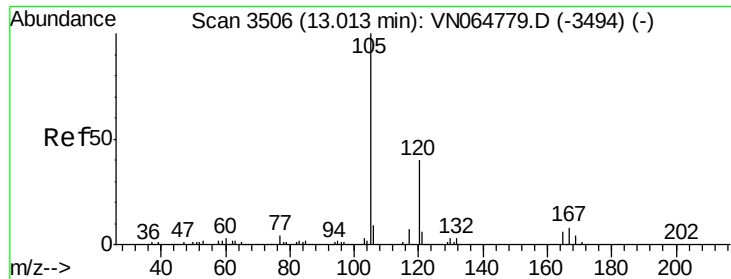


Abundance Ion 119.00 (118.70 to 119.70): VN064927.D (-3492) (-)

Ion 91.00 (90.70 to 91.70): VN064927.D (-3492) (-)

Ion 134.00 (133.70 to 134.70): VN064927.D (-3492) (-)

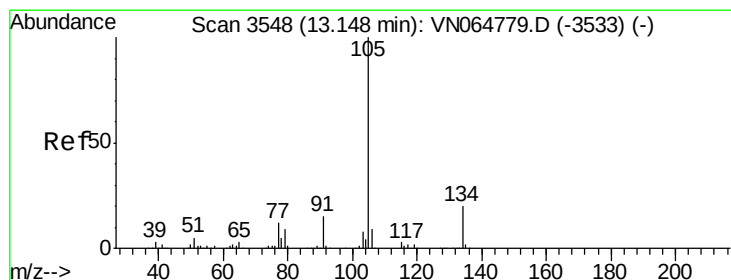
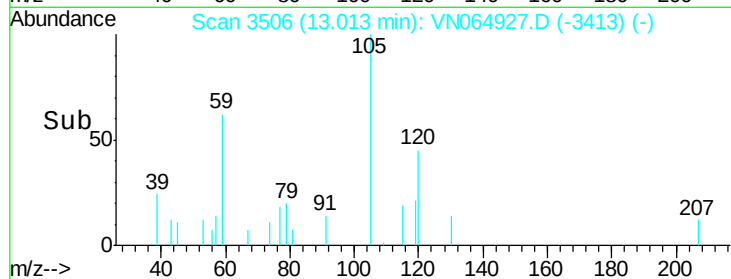
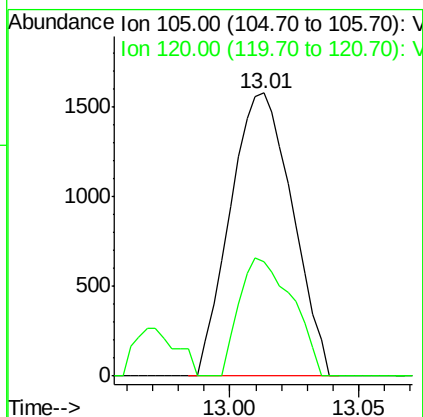
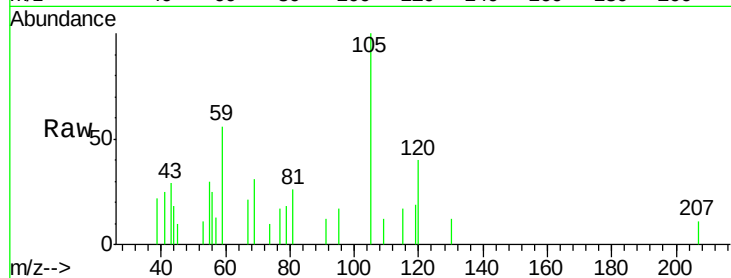




#84
 1,2,4-Trimethylbenzene
 Concen: 0.310 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064927.D
 Acq: 4 Dec 2020 18:30

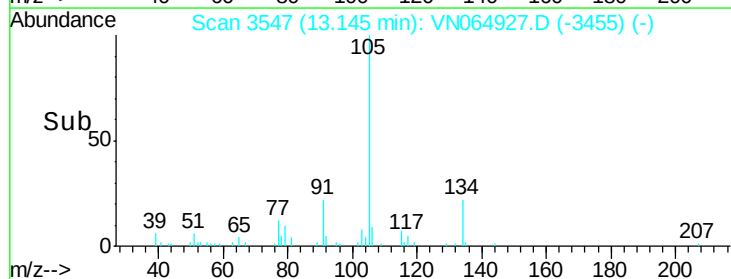
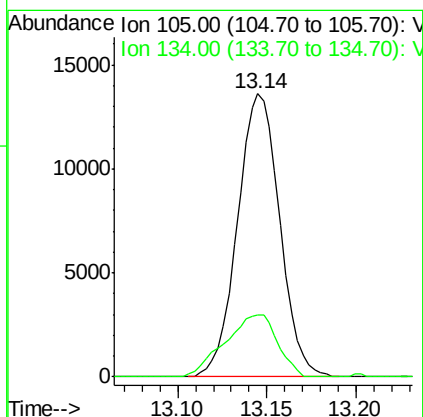
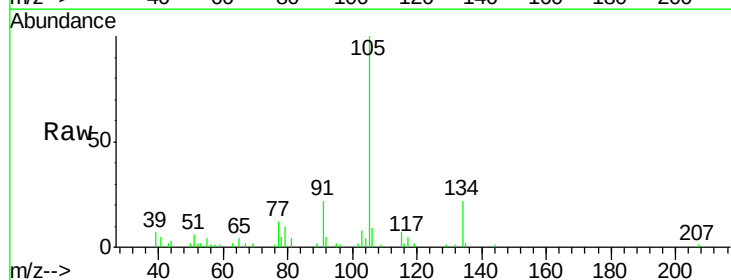
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6714-120120

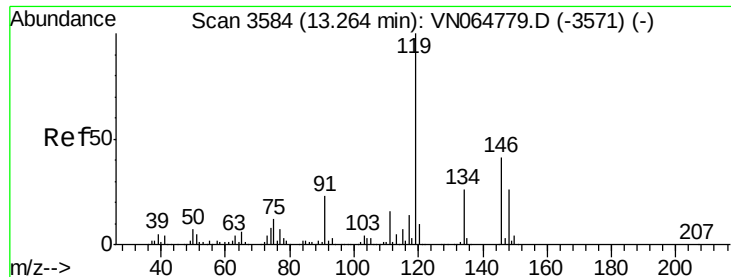
Tot Ion:105 Resp: 2658
 Ion Ratio Lower Upper
 105 100
 120 35.8 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 2.384 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064927.D
 Acq: 4 Dec 2020 18:30

Tgt Ion:105 Resp: 22486
 Ion Ratio Lower Upper
 105 100
 134 27.3 10.1 30.1

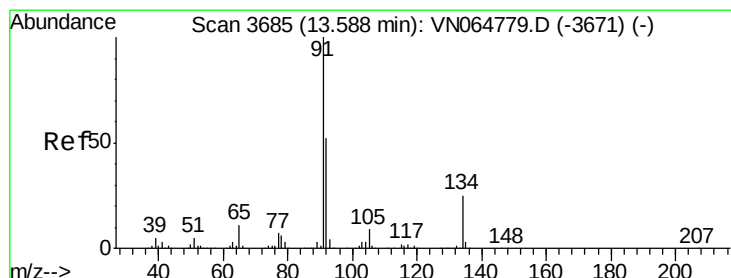
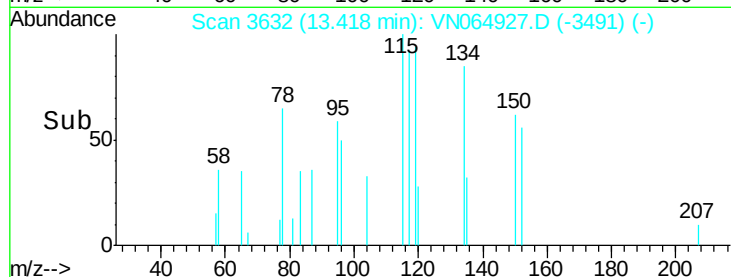
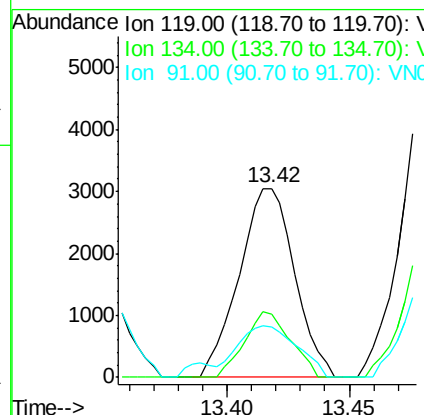
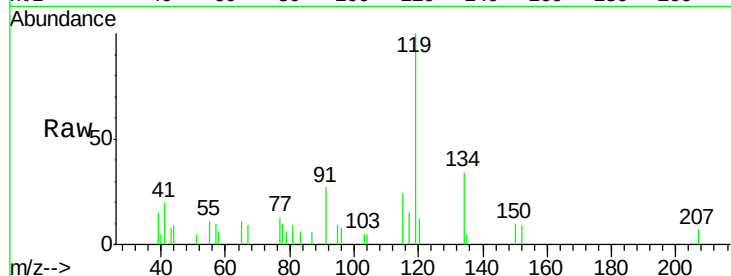




#86
 p-Isopropyltoluene
 Concen: 0.559 ug/l
 RT: 13.42 min Scan# 3632
 Delta R.T. 0.15 min
 Lab File: VN064927.D
 Acq: 4 Dec 2020 18:30

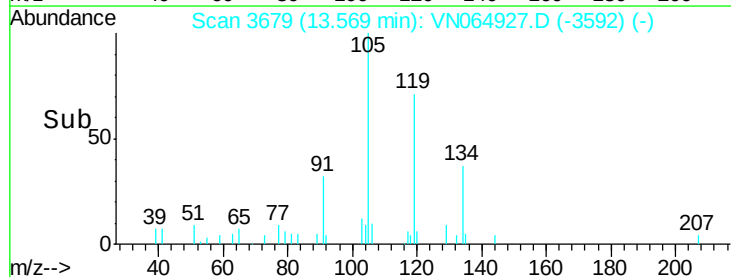
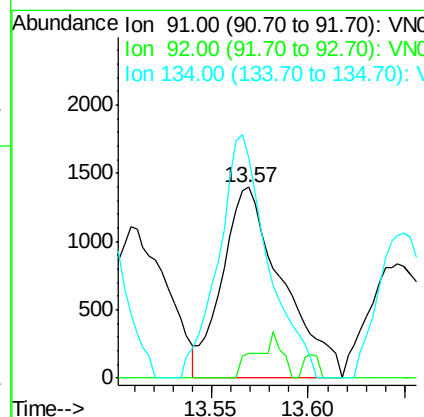
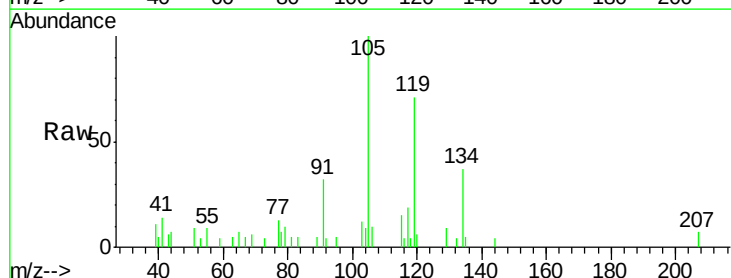
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6714-120120

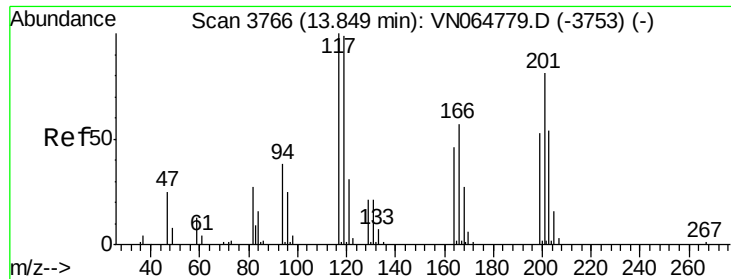
Tot Ion: 119 Resp: 4803
 Ion Ratio Lower Upper
 119 100
 134 28.6 13.1 39.1
 91 29.1 11.5 34.5



#89
 n-Butylbenzene
 Concen: 0.400 ug/l
 RT: 13.57 min Scan# 3679
 Delta R.T. -0.02 min
 Lab File: VN064927.D
 Acq: 4 Dec 2020 18:30

Tgt Ion: 91 Resp: 3016
 Ion Ratio Lower Upper
 91 100
 92 10.2 26.0 78.0#
 134 105.2 12.9 38.6#





#90

Hexachloroethane

Concen: 0.829 ug/l

RT: 13.86 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

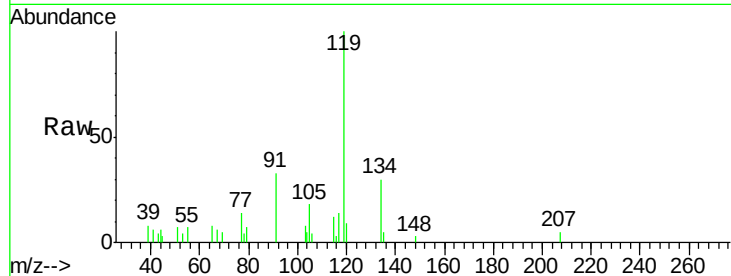
SS013-13-6714-120120

Tot Ion:117 Resp: 1237

Ion Ratio Lower Upper

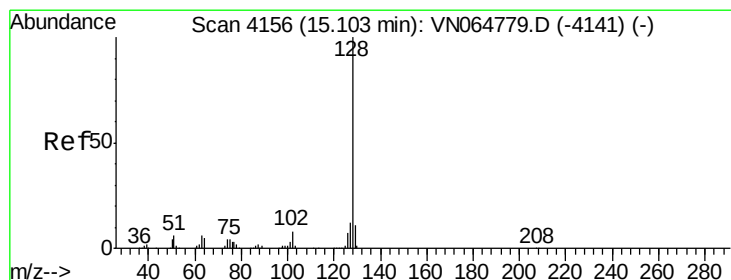
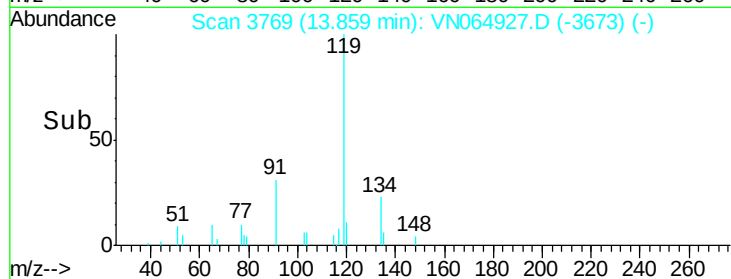
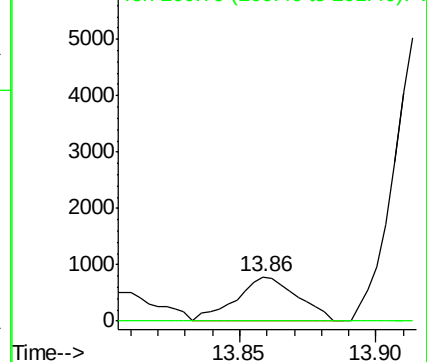
117 100

201 0.0 40.1 120.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.382 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064927.D

Acq: 4 Dec 2020 18:30

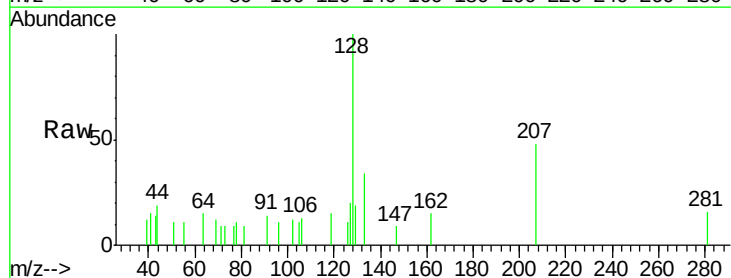
Tgt Ion:128 Resp: 3397

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

