

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063489.D
 Acq On : 21 Sep 2020 16:33
 Operator : JC/MD
 Sample : L4033-01 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20781

Quant Time: Sep 22 02:25:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	415203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	408785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188125	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	176605	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	
35) Dibromofluoromethane	7.55	113	130719	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
50) Toluene-d8	10.06	98	529217	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.38	95	222609	56.19	ug/l	0.00
Spiked Amount			Recovery	=	112.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	918	1.703	ug/l #	72
13) Acrolein	3.58	56	155	0.776	ug/l #	13
14) Allyl chloride	4.02	41	22638	4.436	ug/l #	63
15) Acrylonitrile	4.96	53	356	0.260	ug/l #	78
16) Acetone	3.77	43	369664	295.567	ug/l	100
18) Methyl Acetate	4.01	43	58958	18.569	ug/l #	55
19) Methyl tert-butyl Ether	4.99	73	63251	6.578	ug/l	98
20) Methylene Chloride	4.50	84	808	0.255	ug/l #	82
22) Diisopropyl ether	5.91	45	18932	1.819	ug/l #	93
25) 2-Butanone	6.88	43	450671	234.292	ug/l #	52
29) Tetrahydrofuran	7.14	42	429	0.327	ug/l #	36
31) Cyclohexane	7.63	56	6310	1.174	ug/l #	22
36) 1,1-Dichloropropene	7.62	75	22349	5.052	ug/l #	50
37) Ethyl Acetate	6.88	43	450671	103.808	ug/l	97
38) Carbon Tetrachloride	7.63	117	25422	5.630	ug/l #	18
40) Benzene	8.00	78	705703	55.888	ug/l	99
41) Methacrylonitrile	7.14	41	696	0.356	ug/l #	100
42) 1,2-Dichloroethane	8.00	62	6866	1.352	ug/l	79
43) Isopropyl Acetate	8.20	43	2310	0.298	ug/l #	70
51) 4-Methyl-2-Pentanone	9.96	43	6630	1.526	ug/l #	44
52) Toluene	10.12	92	605157	79.711	ug/l	100
53) t-1,3-Dichloropropene	10.12	75	7904	1.508	ug/l #	1
56) Ethyl methacrylate	10.60	69	1187	0.252	ug/l #	1
59) 2-Hexanone	10.61	43	70940	22.531	ug/l #	28
67) Ethyl Benzene	11.48	91	50686	3.102	ug/l	100
68) m/p-Xylenes	11.59	106	73266	12.435	ug/l	99
69) o-Xylene	11.92	106	62339	11.107	ug/l	98
70) Styrene	11.92	104	4587	0.487	ug/l #	1
71) Bromoform	12.37	173	709	0.299	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	120106	25.794	ug/l #	100
78) n-propylbenzene	12.57	91	5031	0.287	ug/l	91
79) 2-Chlorotoluene	12.63	91	3220	0.306	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.71	105	13364	1.063	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	120106	70.717	ug/l #	7

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063489.D
Acq On : 21 Sep 2020 16:33
Operator : JC/MD
Sample : L4033-01 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20781

Quant Time: Sep 22 02:25:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

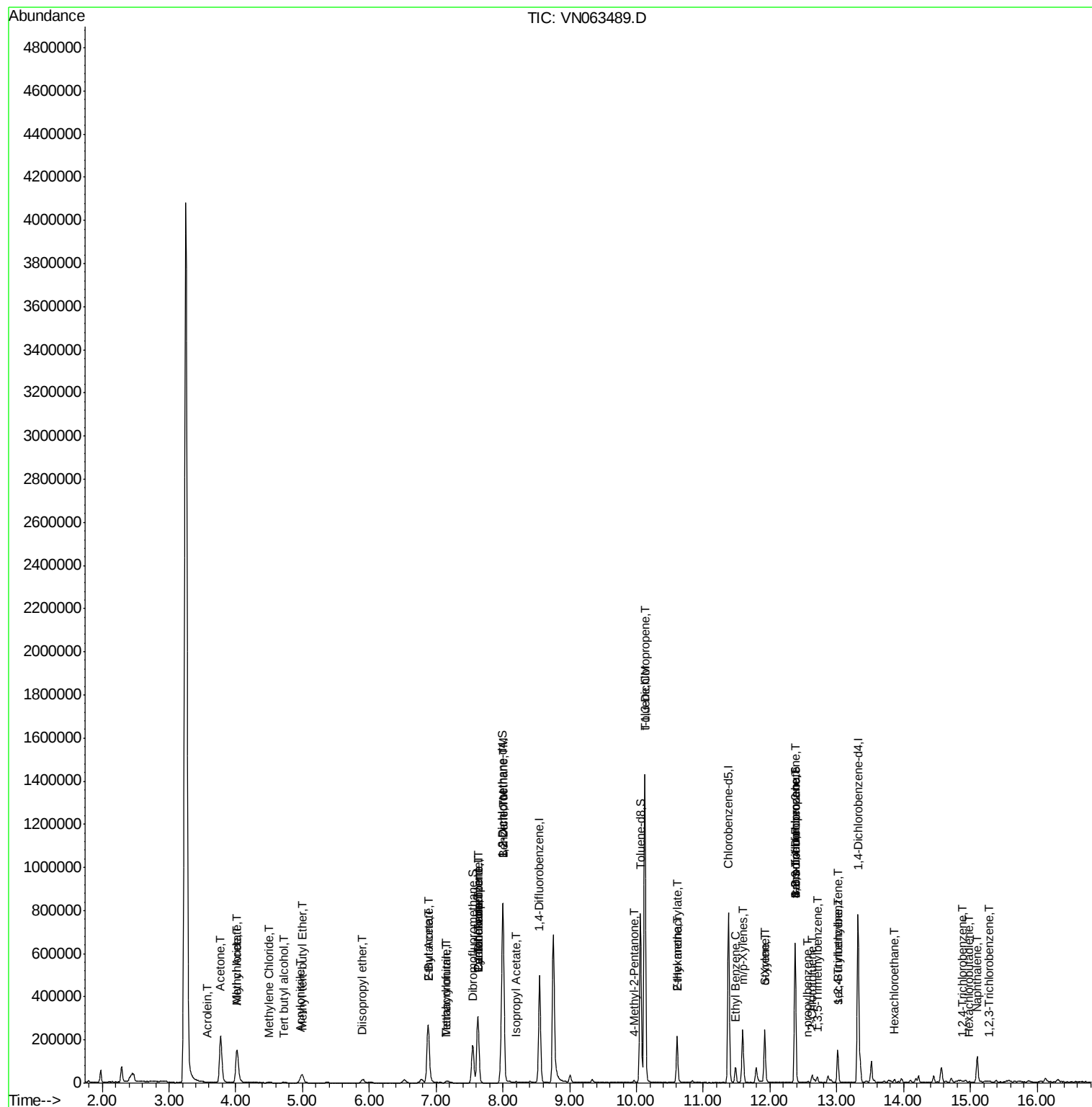
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.01	105	86147	6.785	ug/l	99
85) sec-Butylbenzene	13.01	105	86147	6.203	ug/l #	59
90) Hexachloroethane	13.86	117	1197	0.513	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.89	180	905	0.249	ug/l #	49
94) Hexachlorobutadiene	14.98	225	341	0.226	ug/l #	68
95) Naphthalene	15.10	128	98770	8.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	985	0.280	ug/l	92

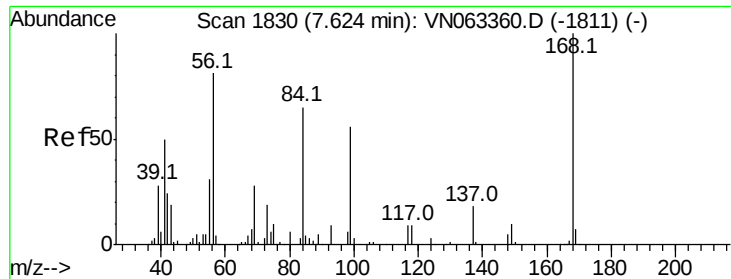
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063489.D
Acq On : 21 Sep 2020 16:33
Operator : JC/MD
Sample : L4033-01 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20781

Quant Time: Sep 22 02:25:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampled :

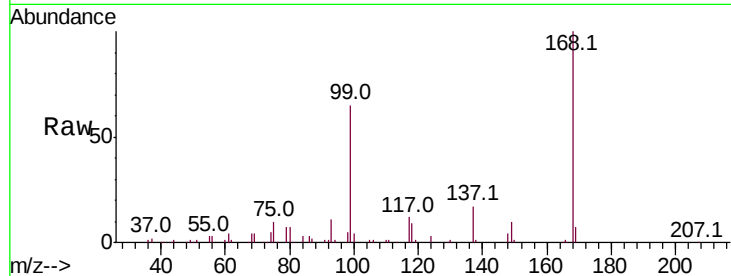
20781

Tot Ion:168 Resp: 228613

Ion Ratio Lower Upper

168 100

99 65.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

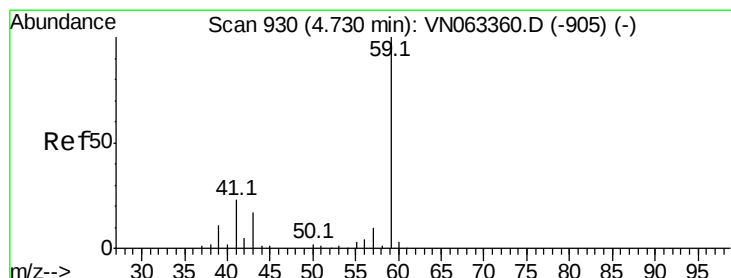
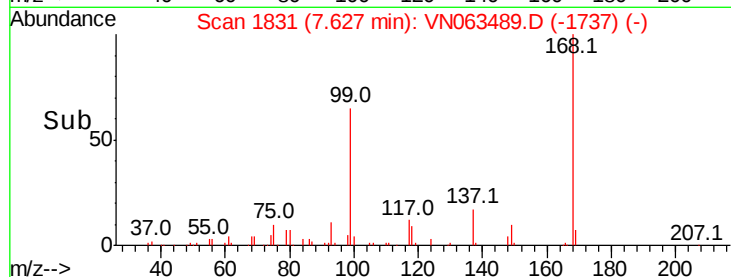
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 1.703 ug/l

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN063489.D

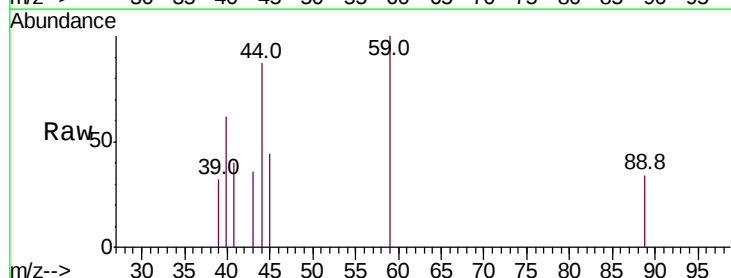
Acq: 21 Sep 2020 16:33

Tgt Ion: 59 Resp: 918

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.72

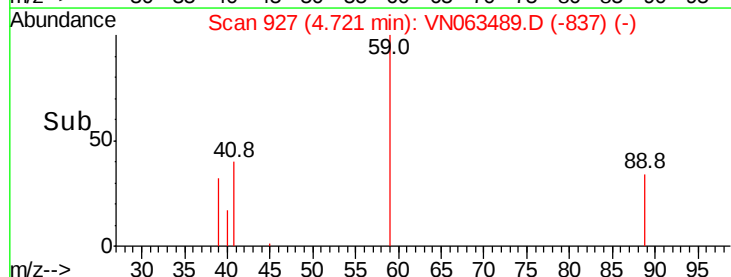
600

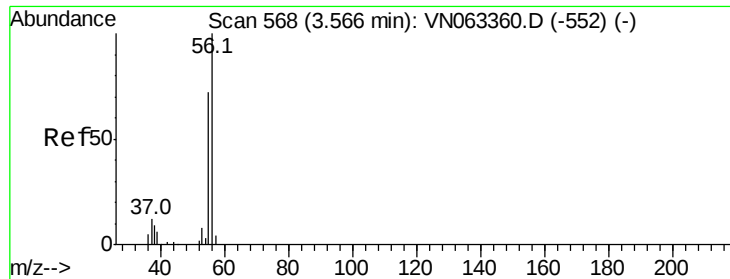
400

200

0

Time--> 4.66 4.68 4.70 4.72 4.74





#13

Acrolein

Concen: 0.776 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

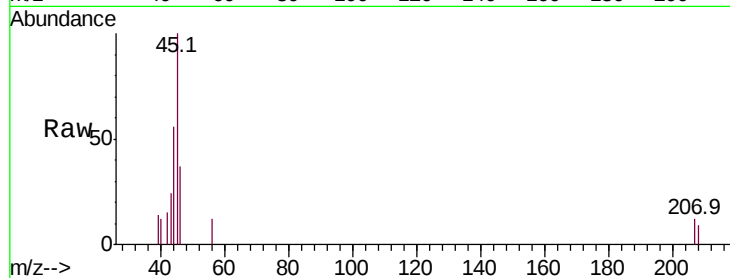
20781

Tot Ion: 56 Resp: 155

Ion Ratio Lower Upper

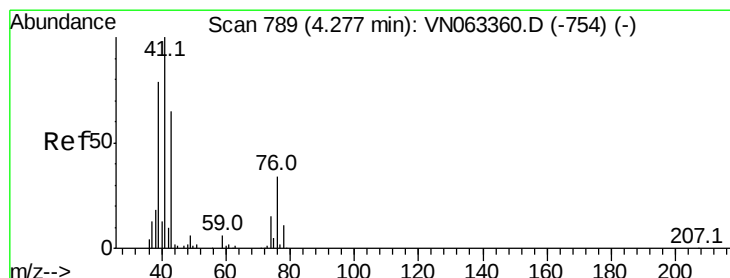
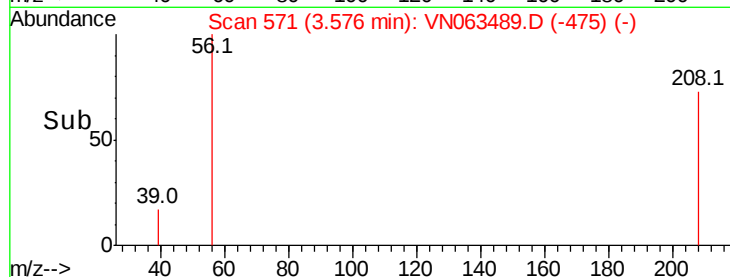
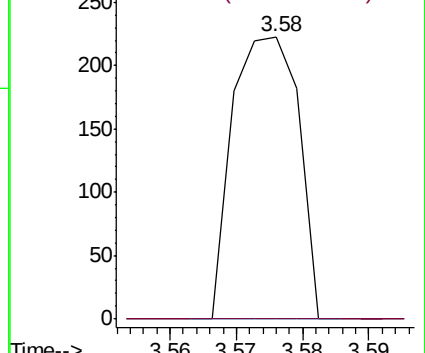
56 100

55 0.0 58.2 87.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 4.436 ug/l

RT: 4.02 min Scan# 708

Delta R.T. -0.26 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

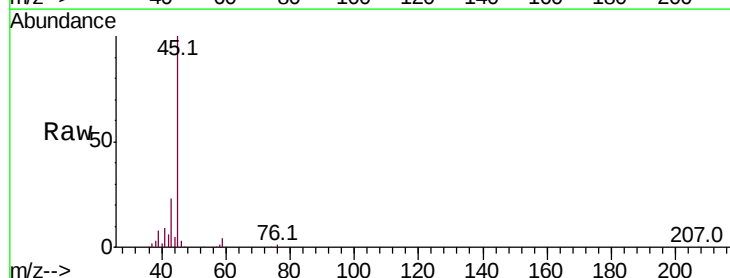
Tgt Ion: 41 Resp: 22638

Ion Ratio Lower Upper

41 100

39 100.1 59.3 88.9#

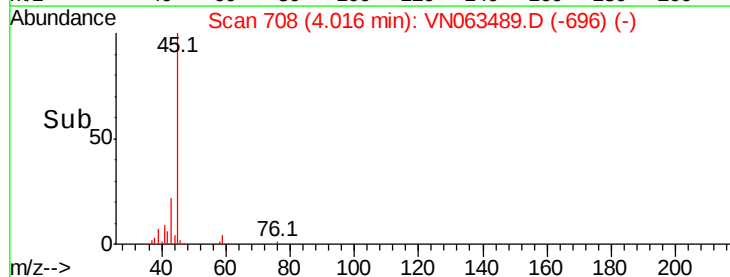
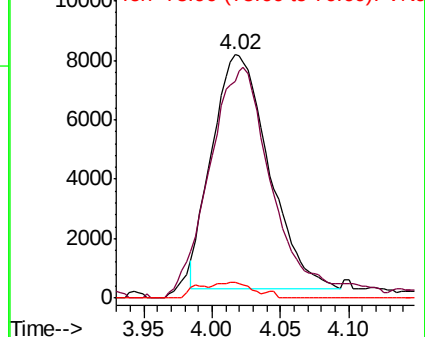
76 2.9 25.3 37.9#

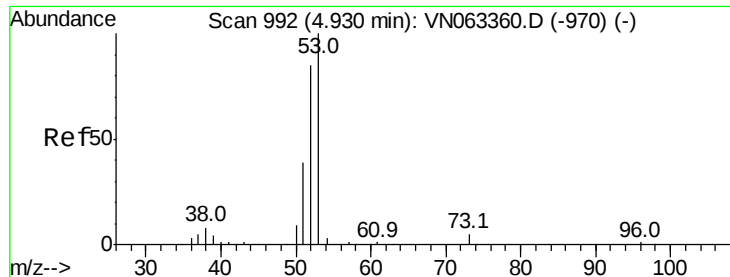


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 0.260 ug/l

RT: 4.96 min Scan# 1001

Delta R.T. 0.03 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

20781

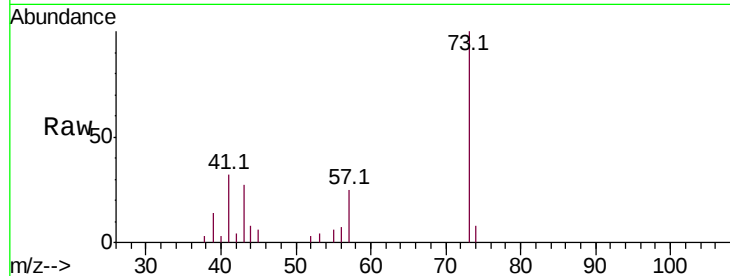
Tot Ion: 53 Resp: 356

Ion Ratio Lower Upper

53 100

52 67.1 66.4 99.6

51 18.8 30.2 45.4#

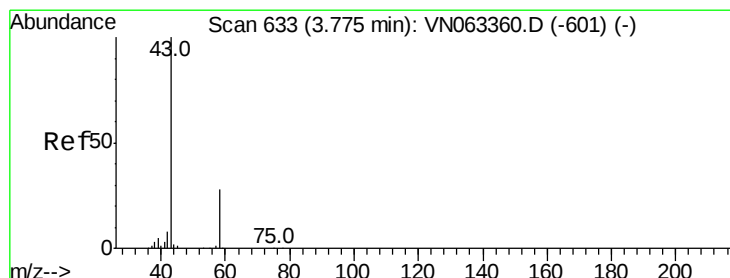
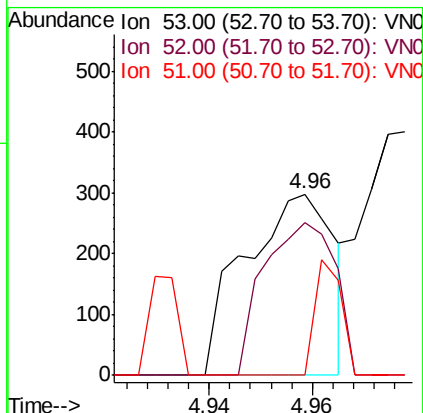
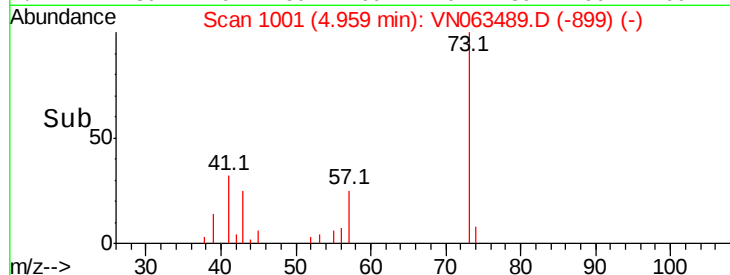


Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)

Time-->



#16

Acetone

Concen: 295.567 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063489.D

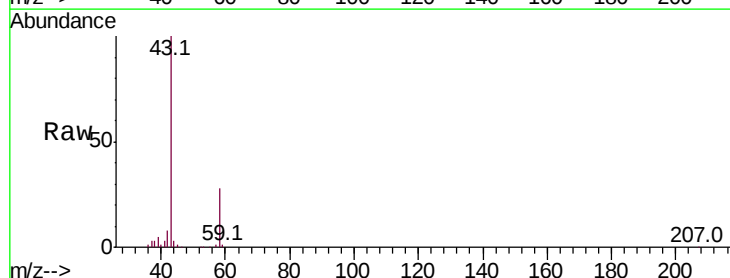
Acq: 21 Sep 2020 16:33

Tgt Ion: 43 Resp: 369664

Ion Ratio Lower Upper

43 100

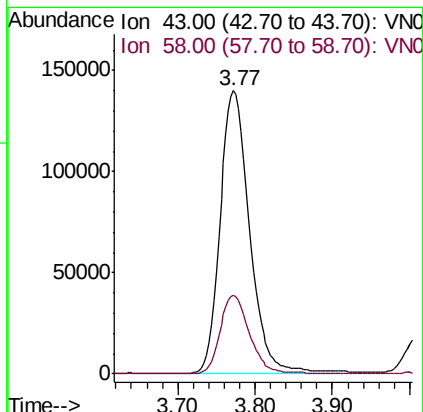
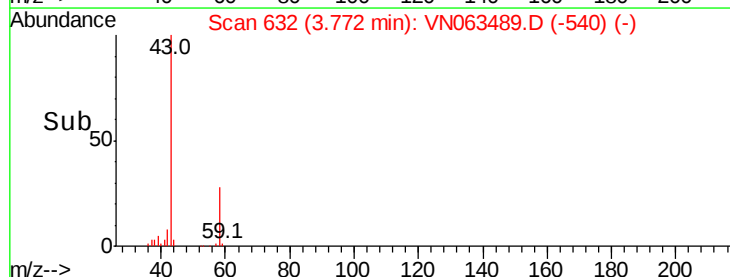
58 27.9 22.3 33.5

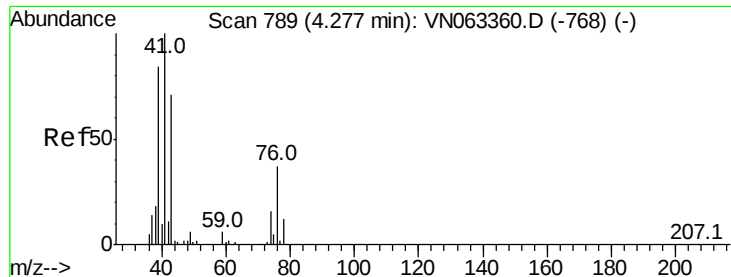


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

Time-->

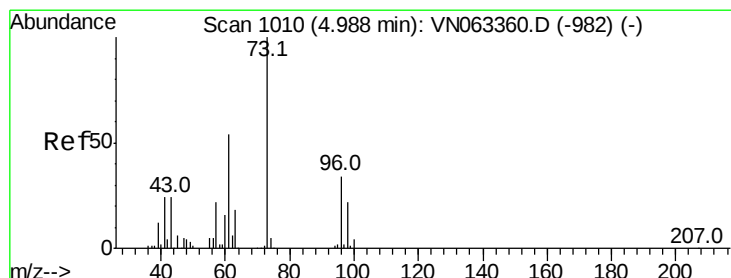
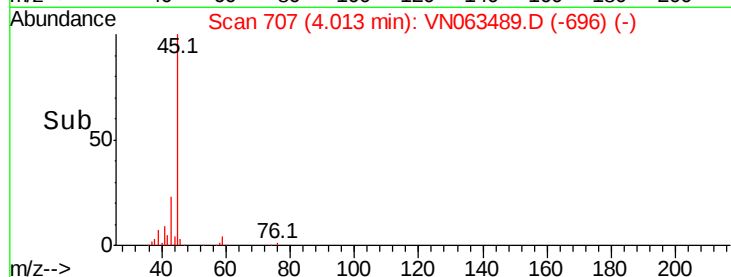
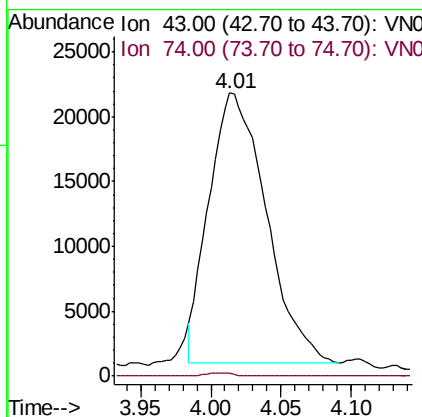
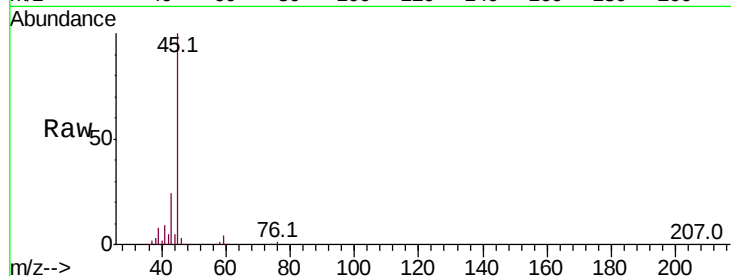




#18
Methyl Acetate
Concen: 18.569 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.26 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

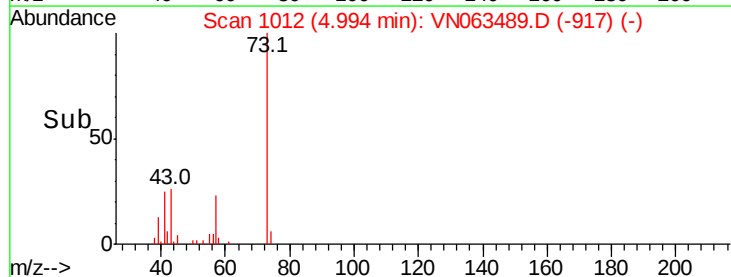
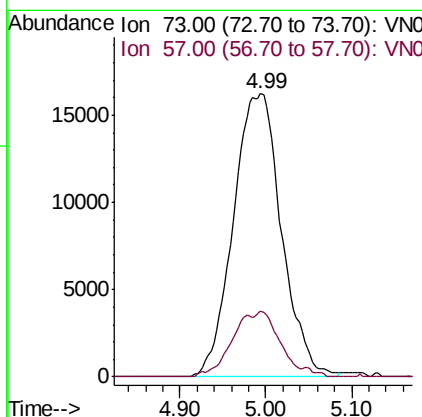
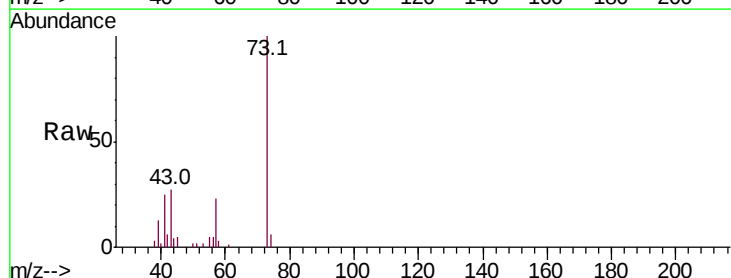
Instrument :
MSVOA_N
ClientSampleId :
20781

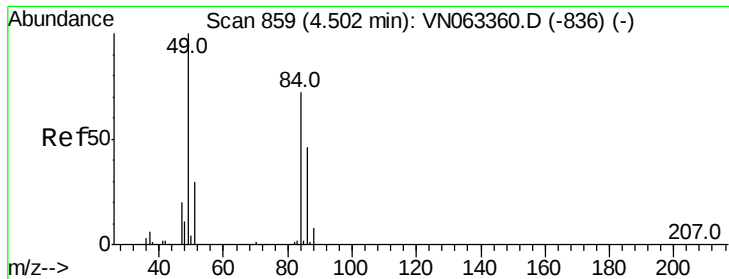
Tot Ion: 43 Resp: 58958
Ion Ratio Lower Upper
43 100
74 0.3 17.4 26.2#



#19
Methyl tert-butyl Ether
Concen: 6.578 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

Tgt Ion: 73 Resp: 63251
Ion Ratio Lower Upper
73 100
57 23.2 17.9 26.9

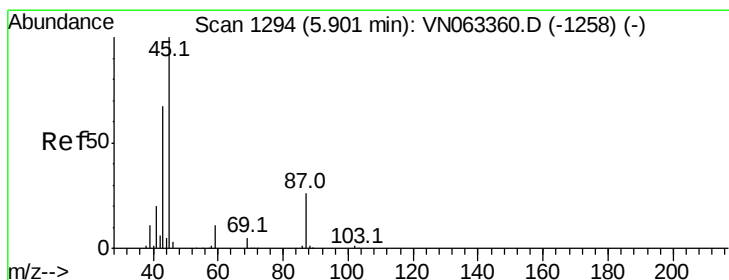
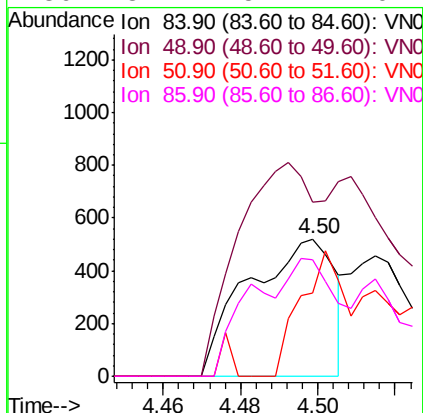
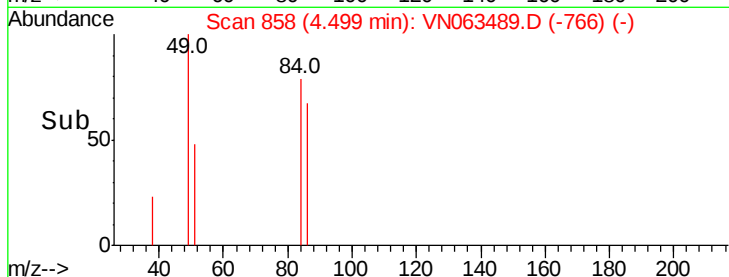
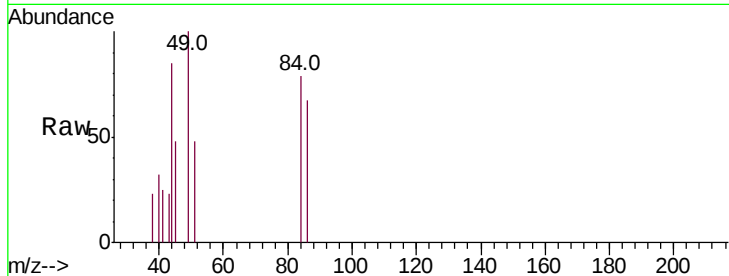




#20
Methvlene Chloride
Concen: 0.255 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

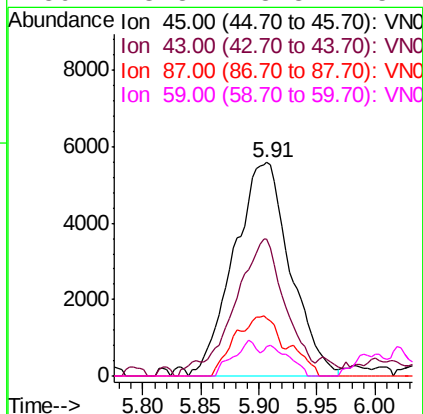
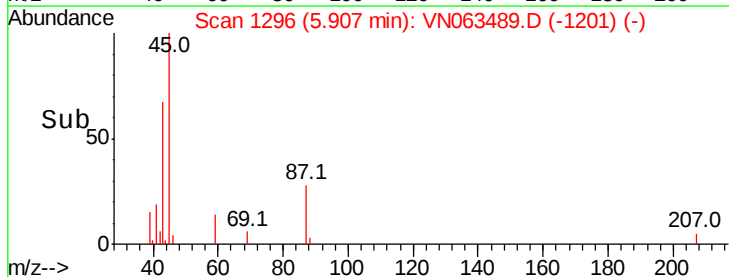
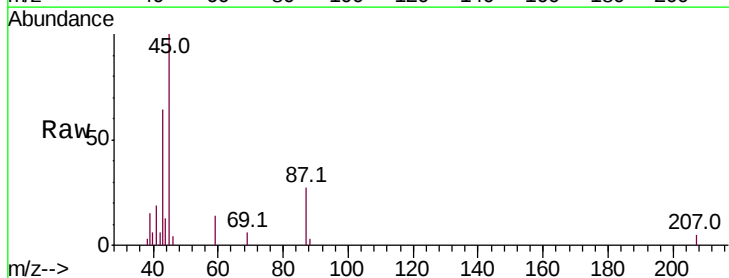
Instrument :
MSVOA_N
ClientSampled :
20781

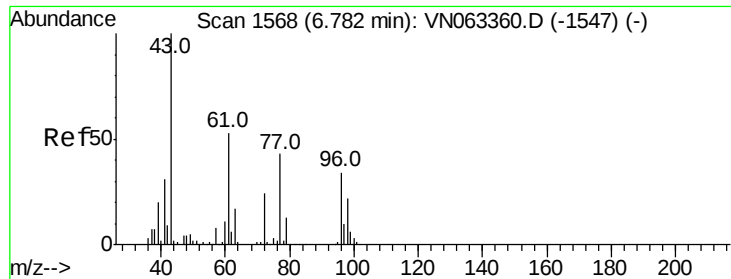
Tot Ion: 84 Resp: 808
Ion Ratio Lower Upper
84 100
49 126.6 110.7 166.1
51 60.2 32.9 49.3#
86 84.7 51.1 76.7#



#22
Diisopropyl ether
Concen: 1.819 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.01 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

Tgt Ion: 45 Resp: 18932
Ion Ratio Lower Upper
45 100
43 60.0 53.5 80.3
87 27.0 21.2 31.8
59 13.8 8.8 13.2#

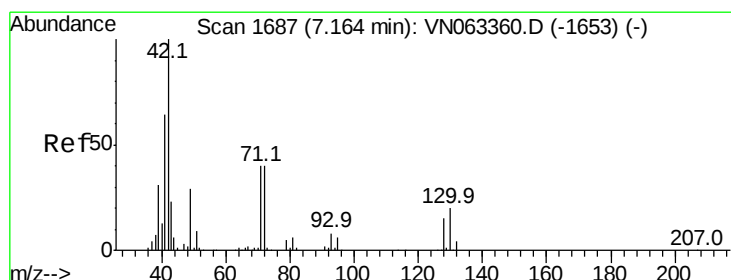
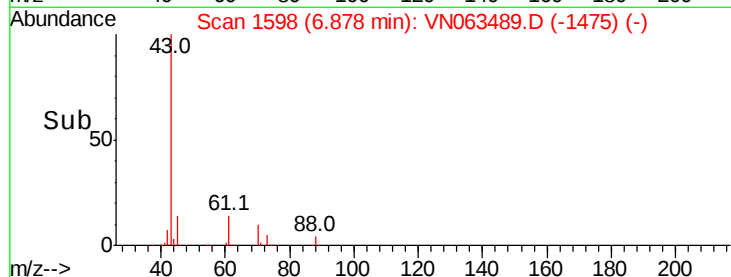
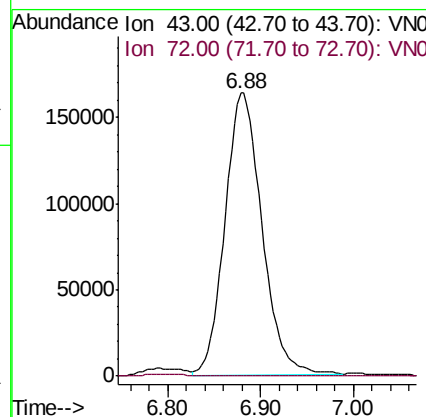
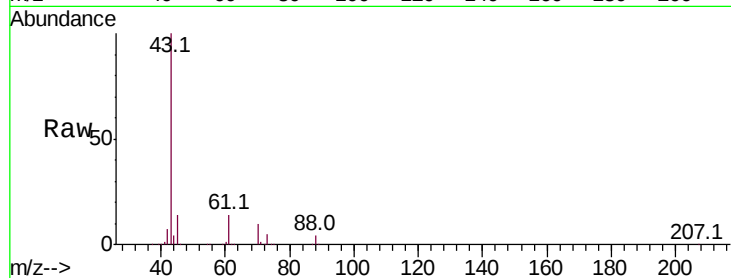




#25
2-Butanone
Concen: 234.292 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. 0.10 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

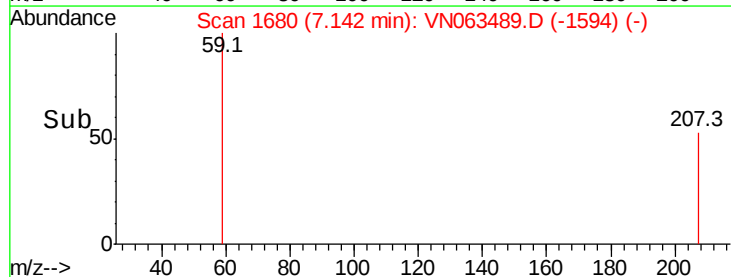
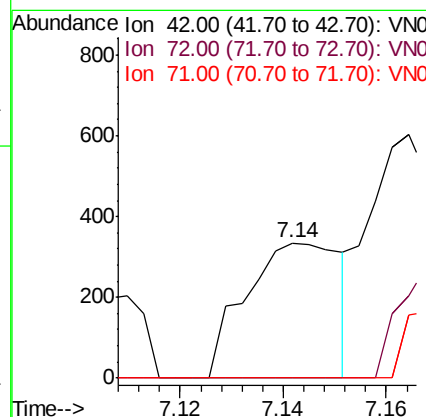
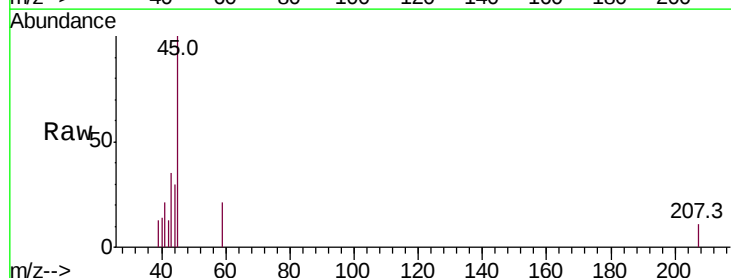
Instrument :
MSVOA_N
ClientSampled :
20781

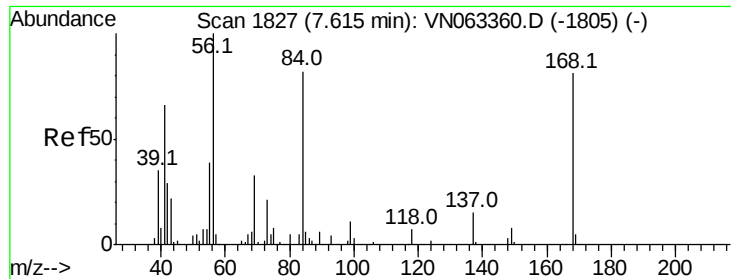
Tot Ion: 43 Resp: 450671
Ion Ratio Lower Upper
43 100
72 0.1 19.2 28.8#



#29
Tetrahydrofuran
Concen: 0.327 ug/l
RT: 7.14 min Scan# 1680
Delta R.T. -0.02 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

Tgt Ion: 42 Resp: 429
Ion Ratio Lower Upper
42 100
72 0.0 32.1 48.1#
71 0.0 31.2 46.8#

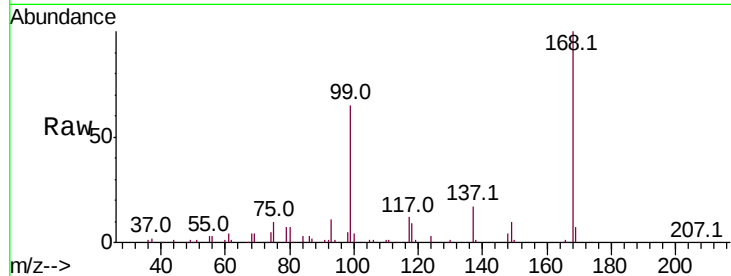




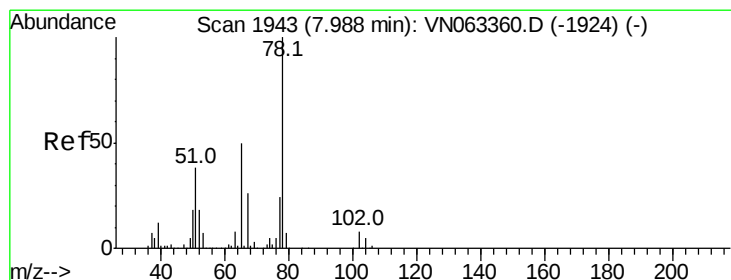
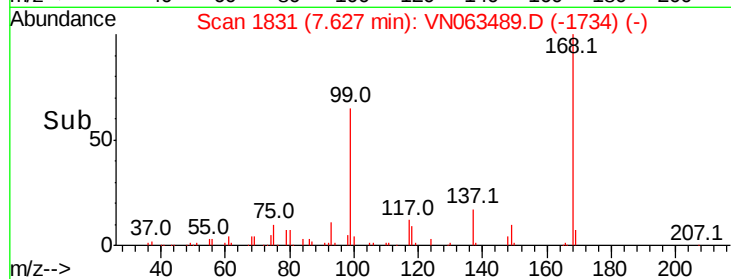
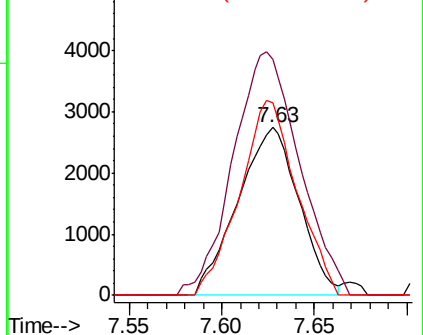
#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

Instrument :
MSVOA_N
ClientSampled :
20781

Tot Ion: 56 Resp: 6310
Ion Ratio Lower Upper
56 100
69 134.2 26.1 39.1#
84 114.7 65.4 98.2#

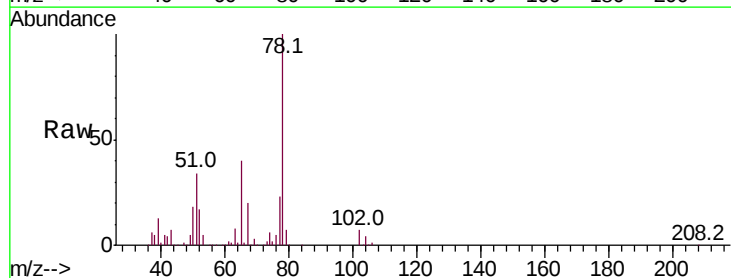


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

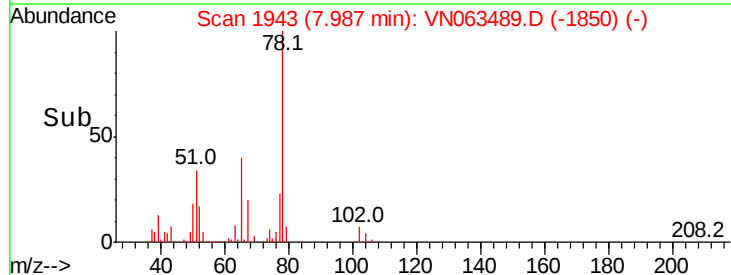
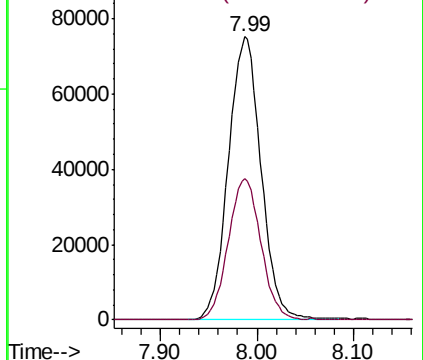


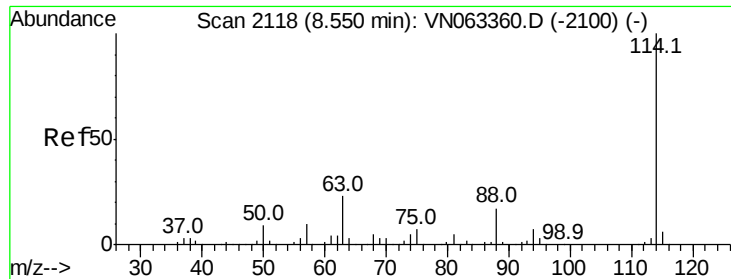
#33
1,2-Dichloroethane-d4
Concen: 45.381 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

Tgt Ion: 65 Resp: 176605
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.2



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

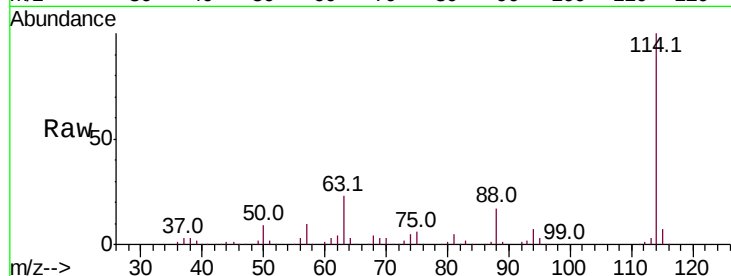




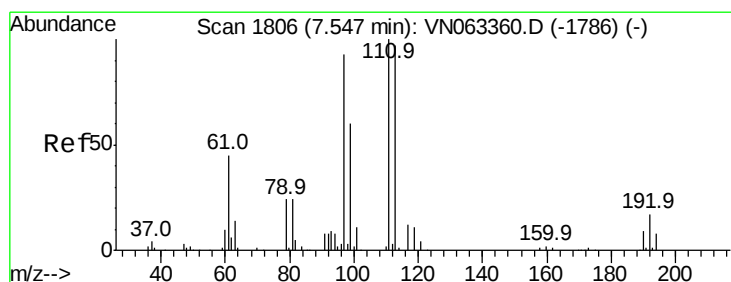
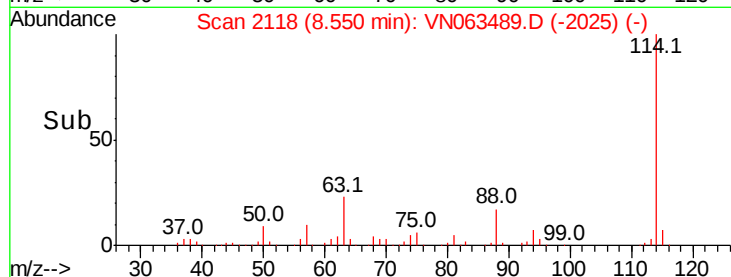
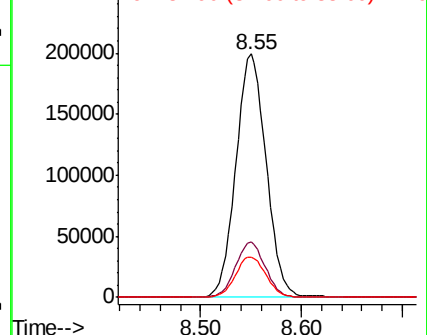
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063489.D
 Acq: 21 Sep 2020 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 20781

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	46.4
88	16.6	0.0	33.2

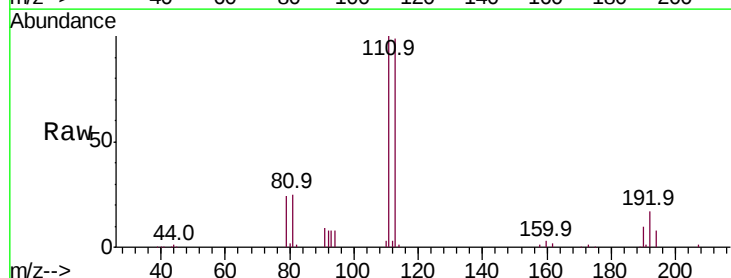


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

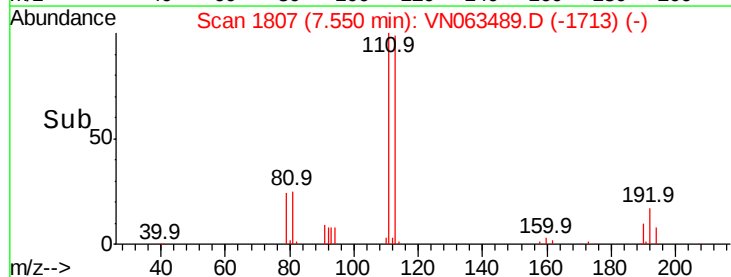
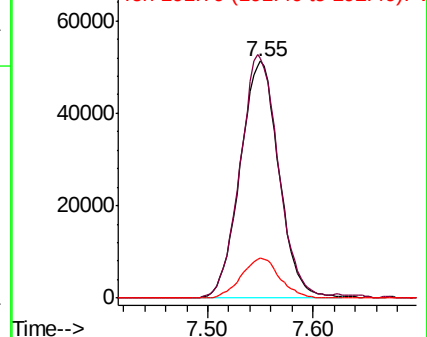


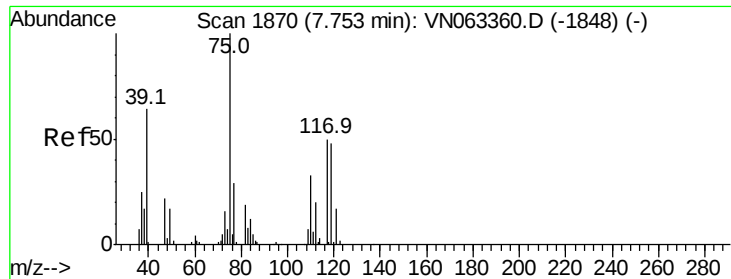
#35
 Dibromofluoromethane
 Concen: 45.477 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063489.D
 Acq: 21 Sep 2020 16:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	16.7	13.9	20.9



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





#36

1,1-Dichloropropene

Concen: 5.052 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampled :

20781

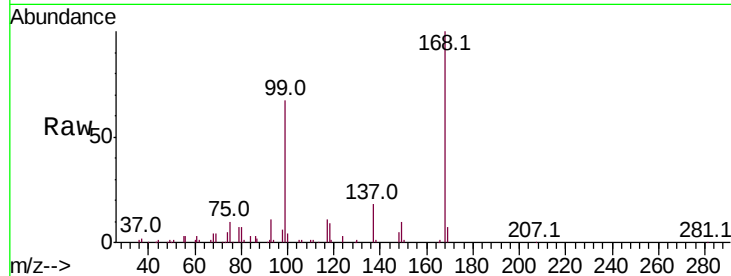
Tot Ion: 75 Resp: 22349

Ion Ratio Lower Upper

75 100

110 7.8 16.5 49.5#

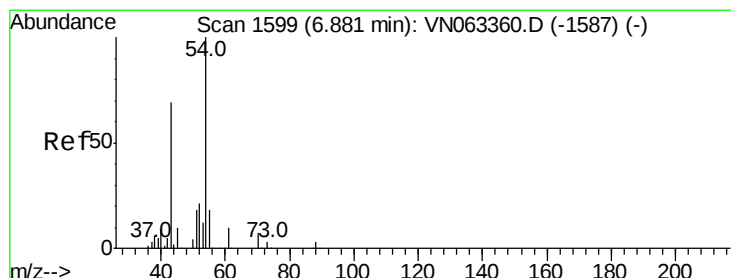
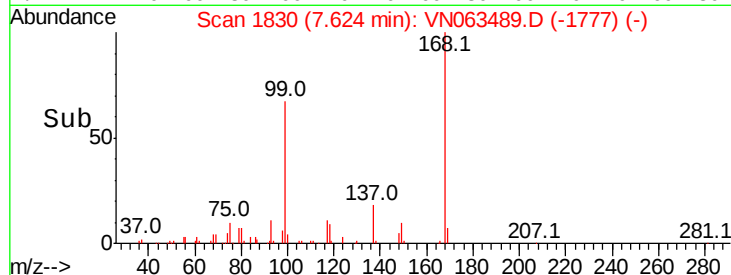
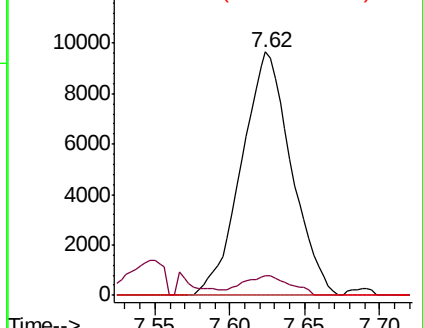
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 103.808 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

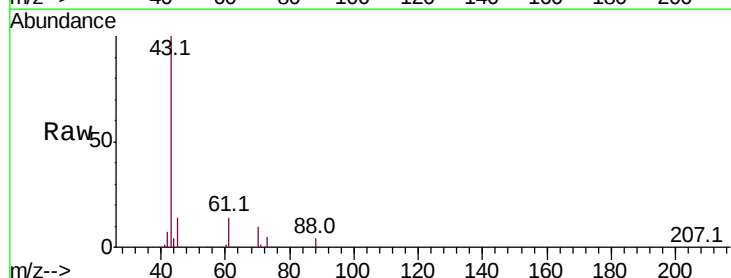
Tgt Ion: 43 Resp: 450671

Ion Ratio Lower Upper

43 100

61 14.1 10.6 15.8

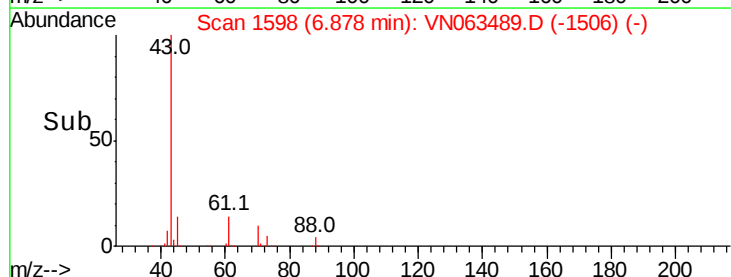
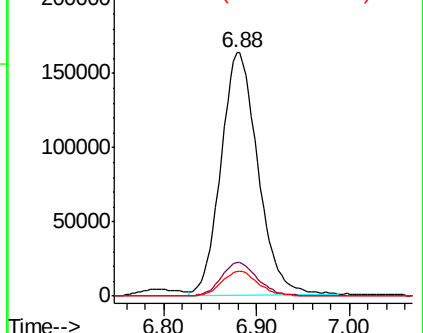
70 10.2 7.2 10.8

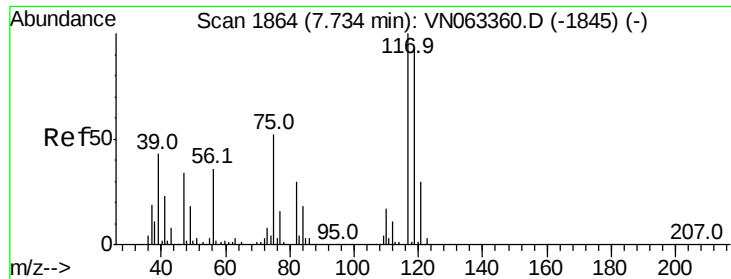


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.630 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampled :

20781

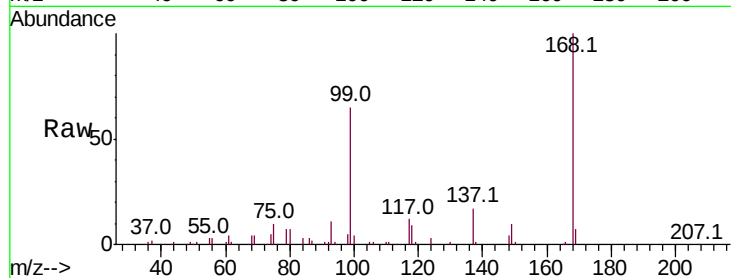
Tot Ion:117 Resp: 25422

Ion Ratio Lower Upper

117 100

119 6.1 74.5 111.7#

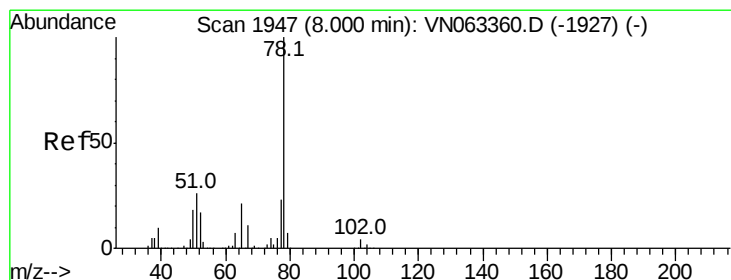
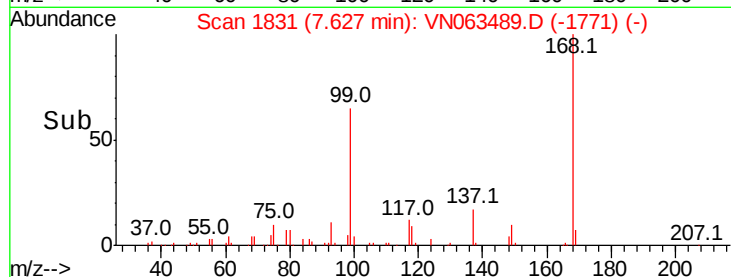
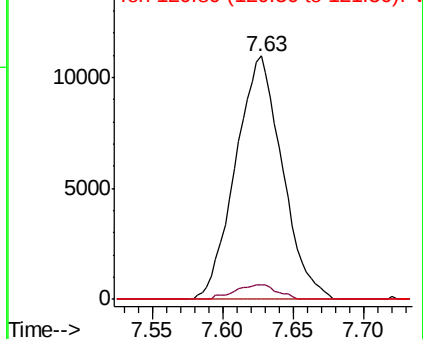
121 0.0 24.1 36.1#



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



#40

Benzene

Concen: 55.888 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063489.D

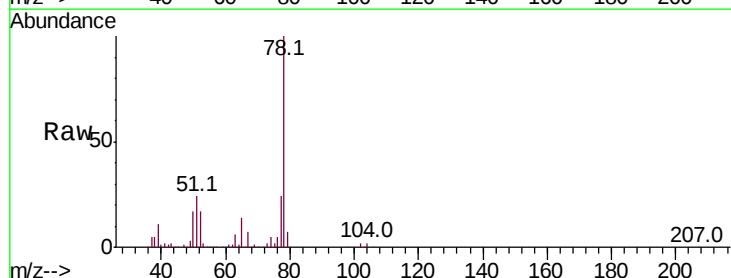
Acq: 21 Sep 2020 16:33

Tgt Ion: 78 Resp: 705703

Ion Ratio Lower Upper

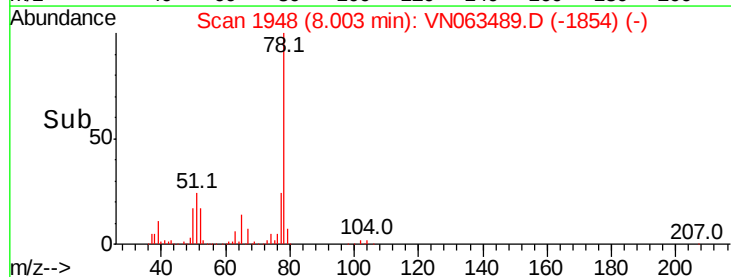
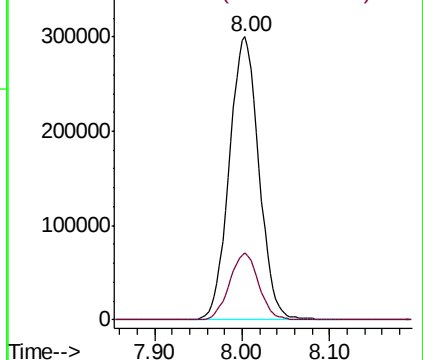
78 100

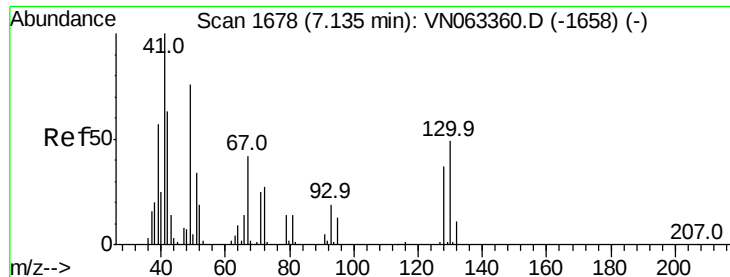
77 23.6 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

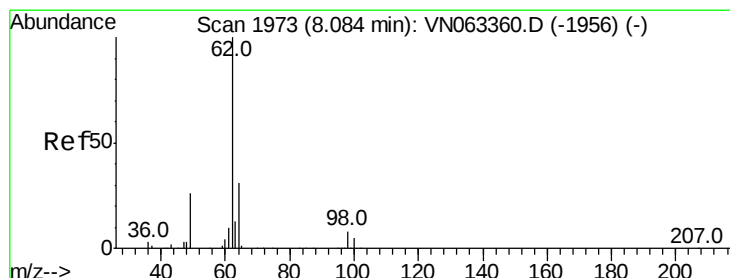
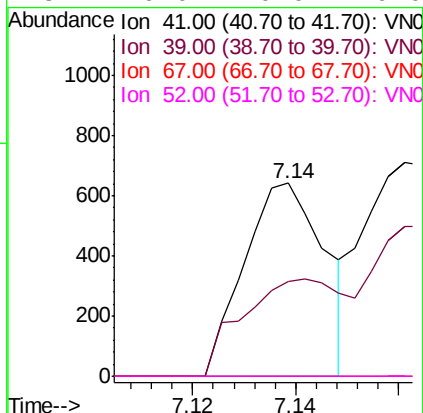
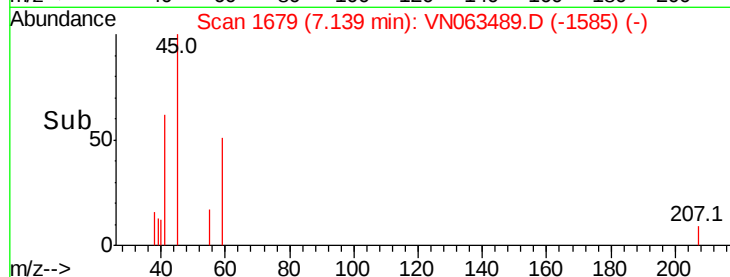
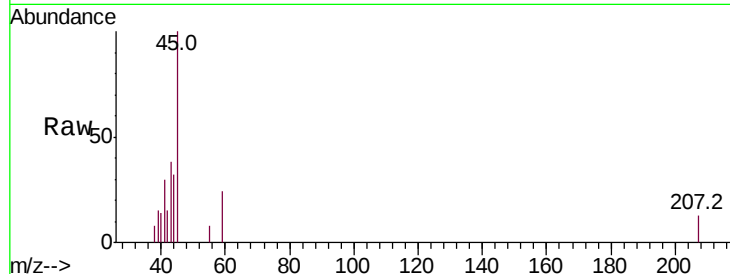




#41
Methacrylonitrile
Concen: 0.356 ug/l
RT: 7.14 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

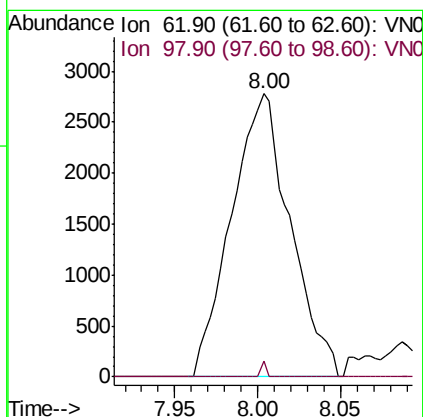
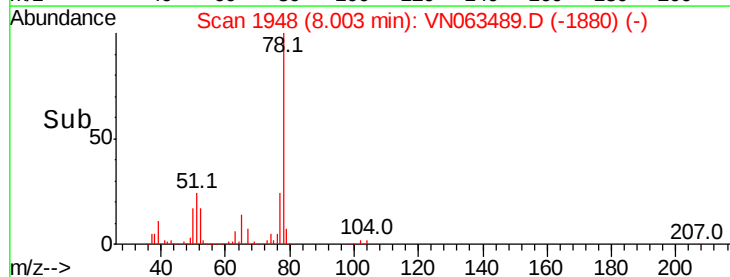
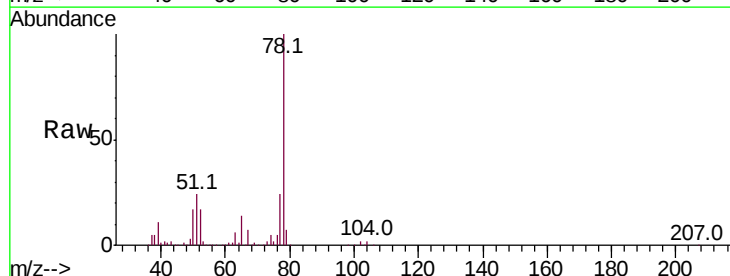
Instrument :
MSVOA_N
ClientSampled :
20781

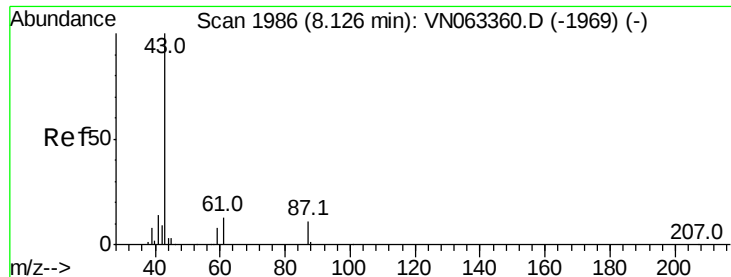
Tot Ion:	41	Resp:	696
Ion	Ratio	Lower	Upper
41	100		
39	65.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 1.352 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.08 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

Tgt Ion:	62	Resp:	6866
Ion	Ratio	Lower	Upper
62	100		
98	0.4	0.0	15.6





#43

Isopropyl Acetate

Concen: 0.298 ug/l

RT: 8.20 min Scan# 2008

Delta R.T. 0.07 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

20781

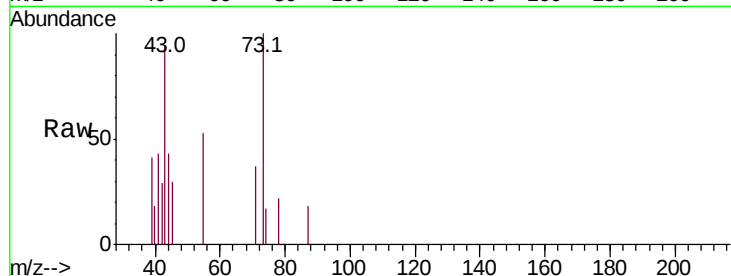
Tot Ion: 43 Resp: 2310

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

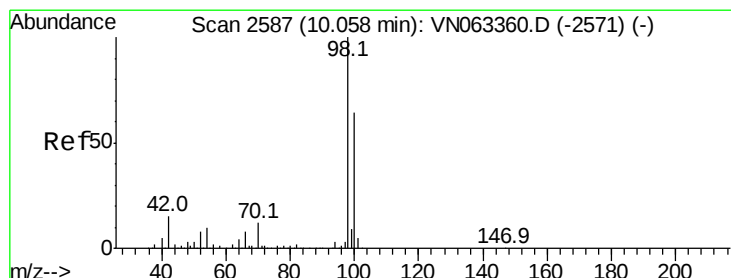
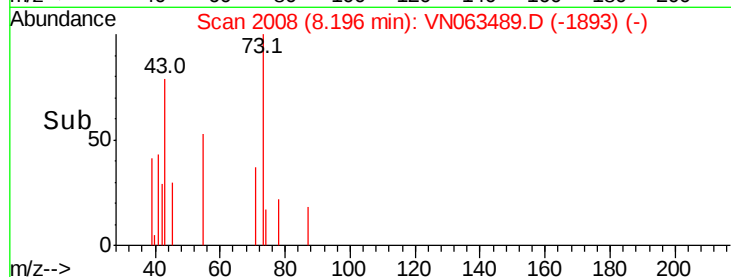
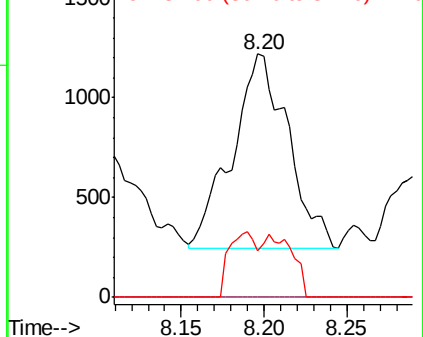
87 16.3 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.965 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063489.D

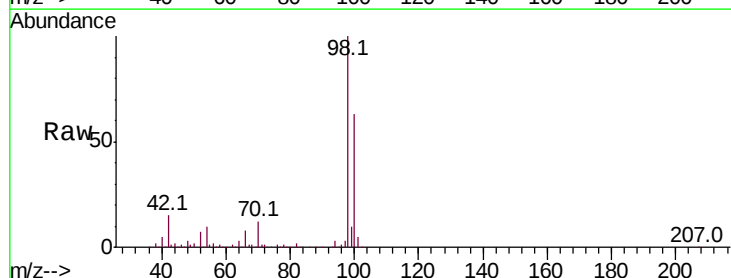
Acq: 21 Sep 2020 16:33

Tgt Ion: 98 Resp: 529217

Ion Ratio Lower Upper

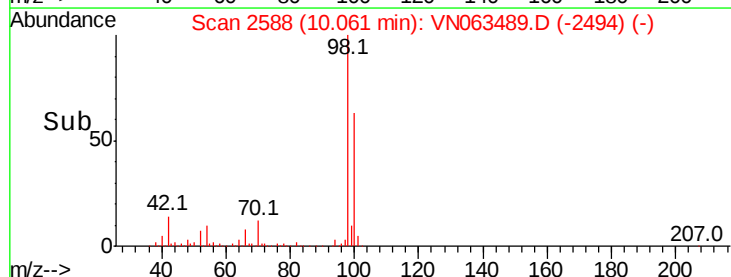
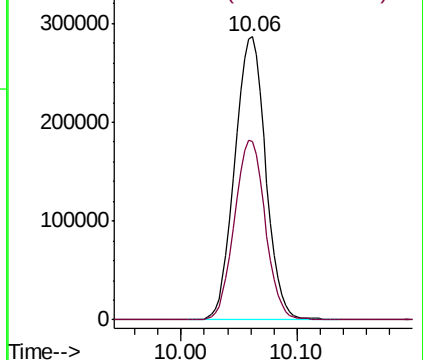
98 100

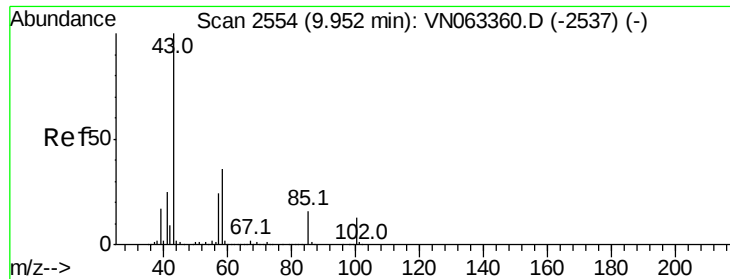
100 63.2 50.7 76.1



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: 1.526 ug/l

RT: 9.96 min Scan# 2557

Delta R.T. 0.01 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

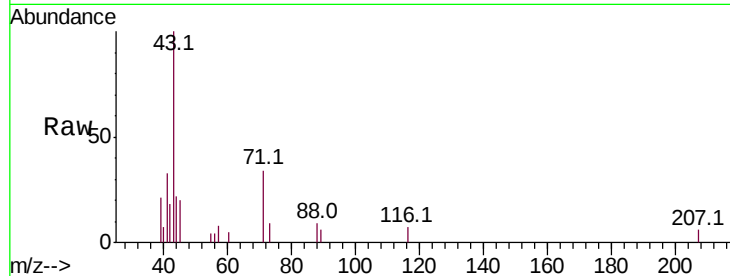
20781

Tot Ion: 43 Resp: 6630

Ion Ratio Lower Upper

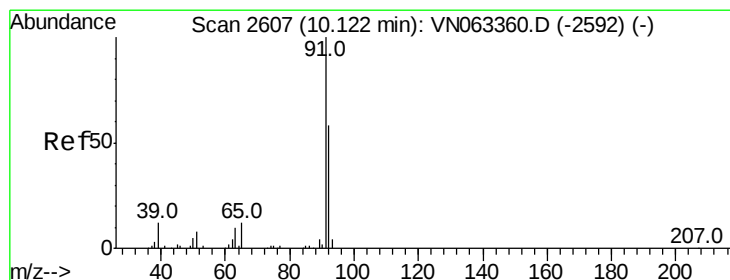
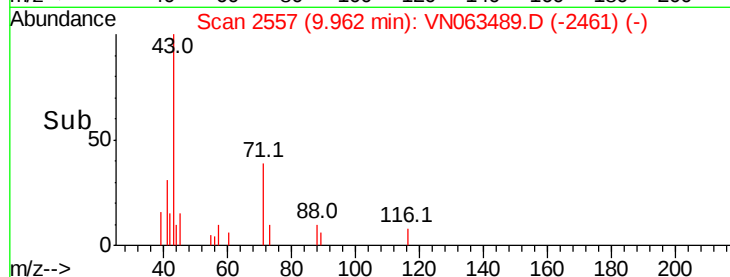
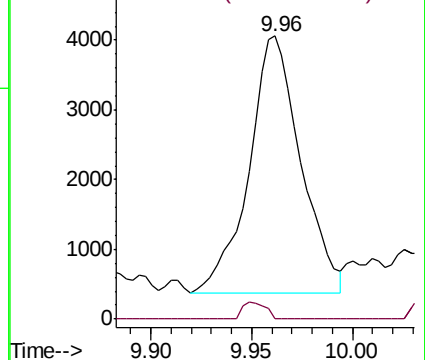
43 100

58 3.0 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 79.711 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063489.D

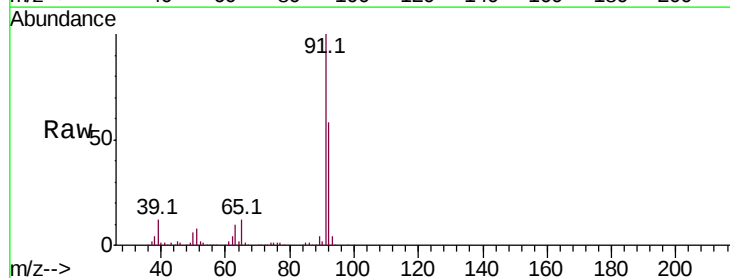
Acq: 21 Sep 2020 16:33

Tgt Ion: 92 Resp: 605157

Ion Ratio Lower Upper

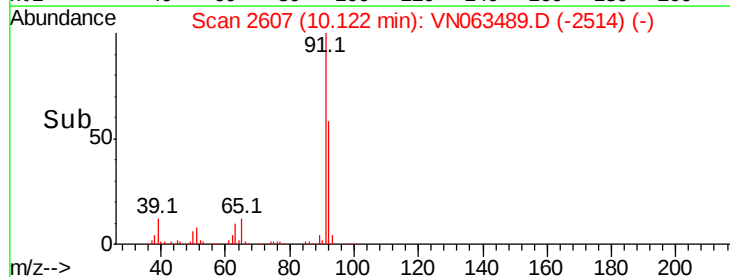
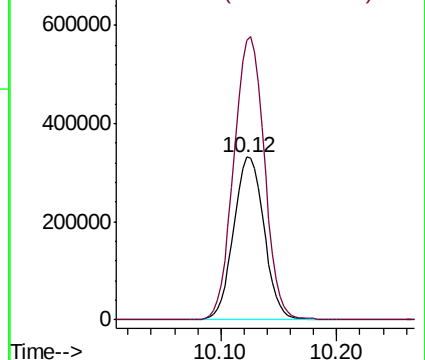
92 100

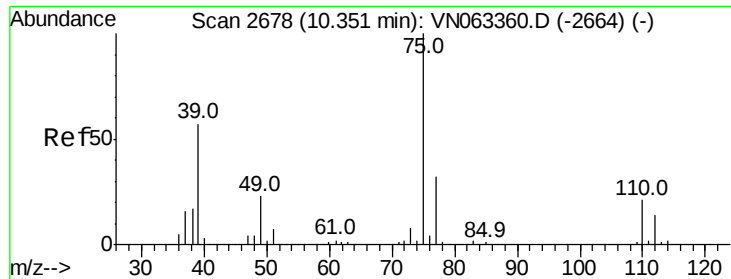
91 175.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 1.508 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.23 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampled :

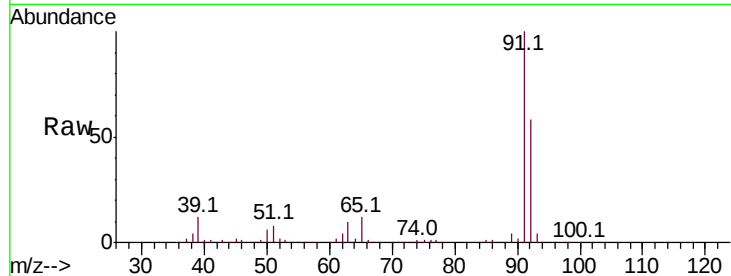
20781

Tot Ion: 75 Resp: 7904

Ion Ratio Lower Upper

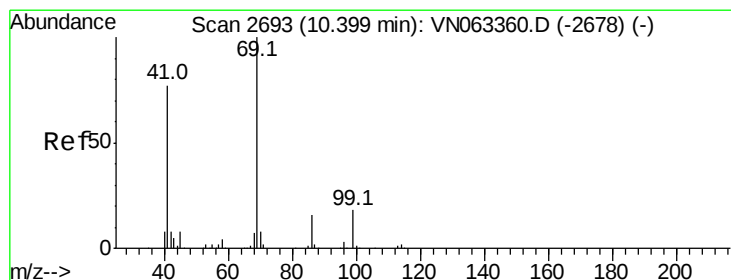
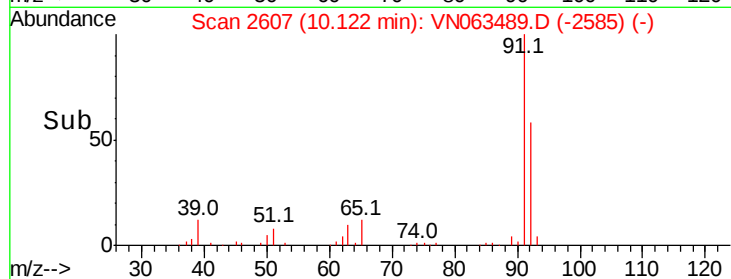
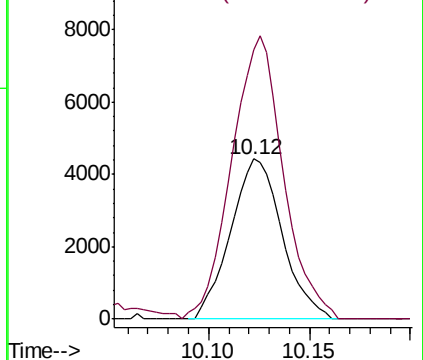
75 100

77 168.5 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#56

Ethyl methacrylate

Concen: 0.252 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.21 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

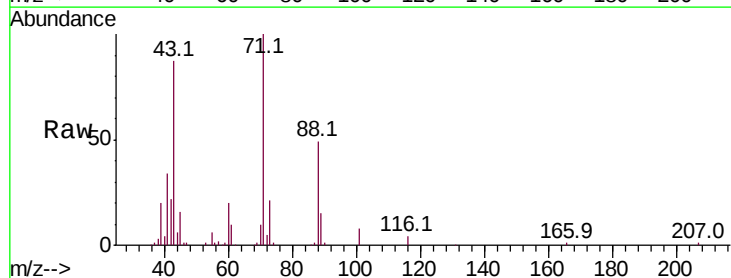
Tgt Ion: 69 Resp: 1187

Ion Ratio Lower Upper

69 100

41 2302.6 61.0 91.6#

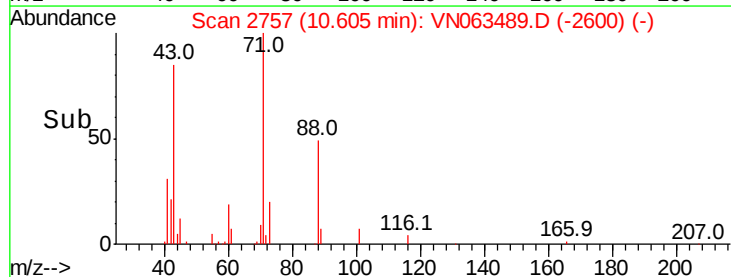
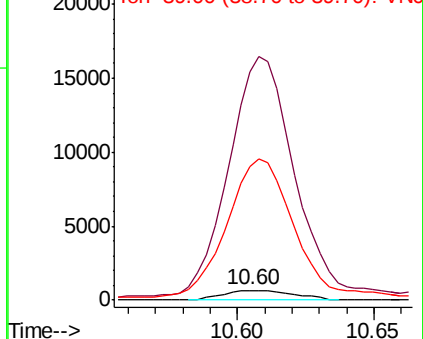
39 1337.6 39.2 58.8#

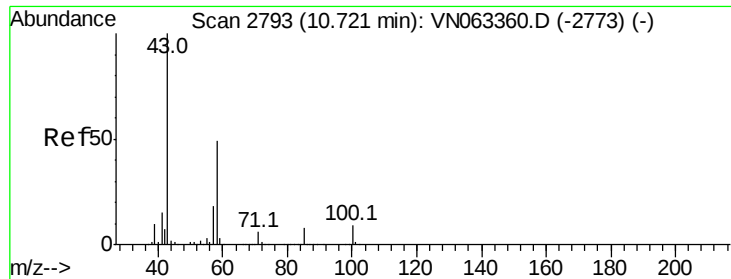


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

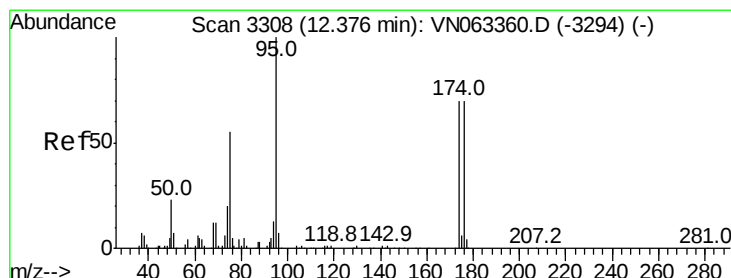
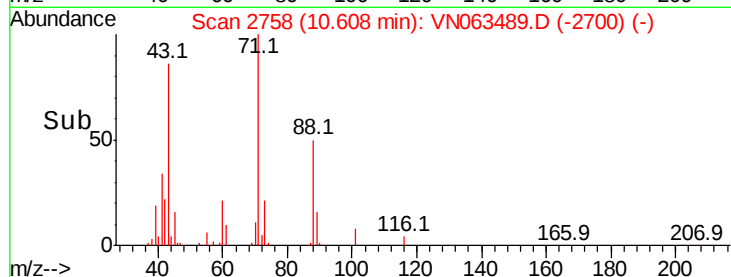
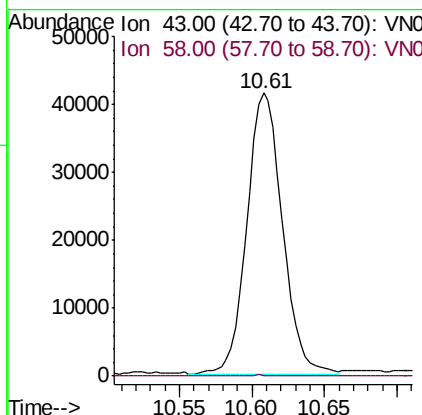
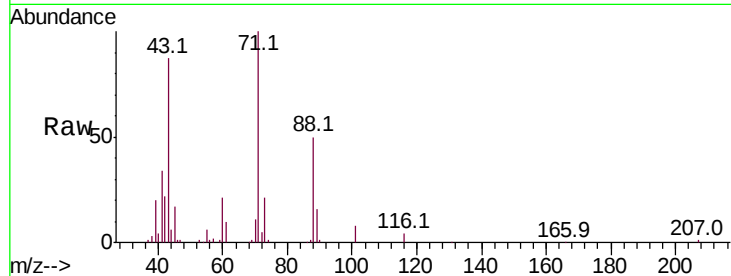




#59
2-Hexanone
Concen: 22.531 ug/l
RT: 10.61 min Scan# 2758
Delta R.T. -0.11 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

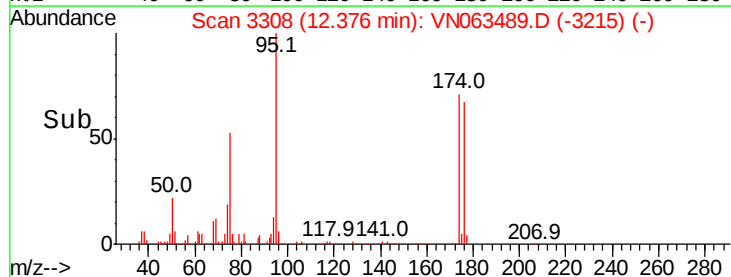
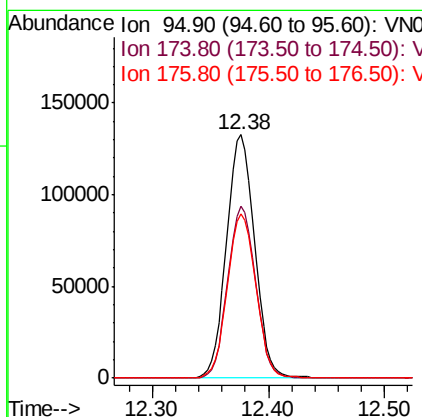
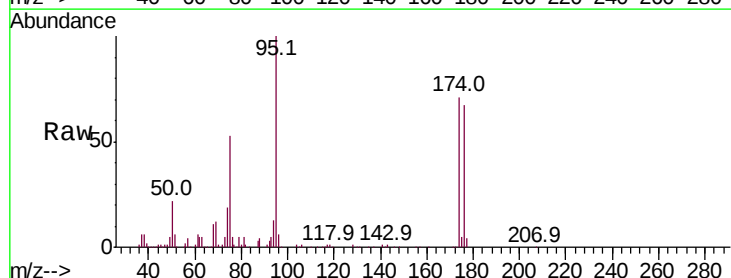
Instrument :
MSVOA_N
ClientSampleId :
20781

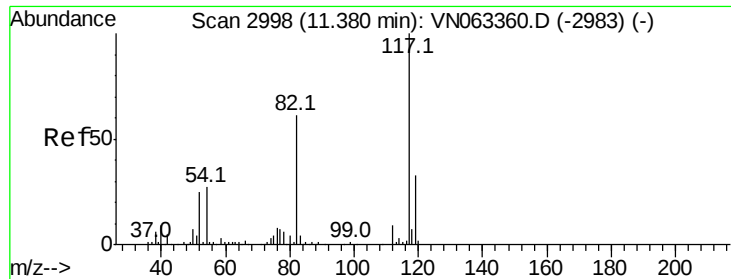
Tot Ion: 43 Resp: 70940
Ion Ratio Lower Upper
43 100
58 0.1 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 56.185 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

Tgt Ion: 95 Resp: 222609
Ion Ratio Lower Upper
95 100
174 70.2 0.0 140.8
176 68.2 0.0 137.6

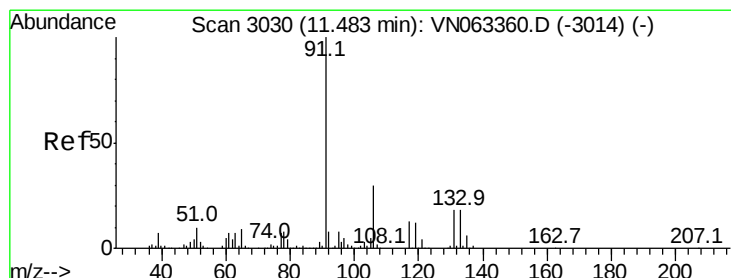
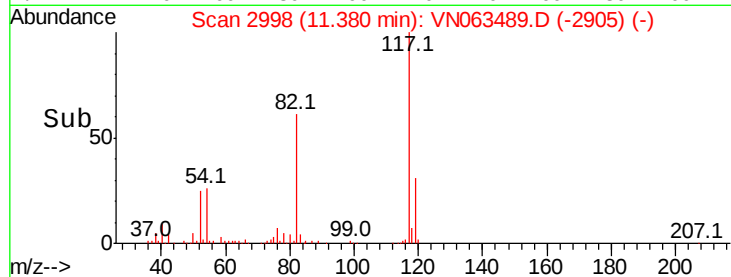
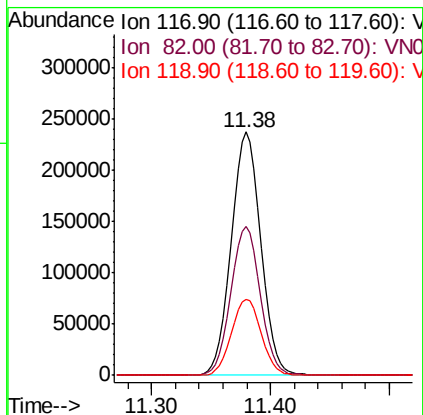
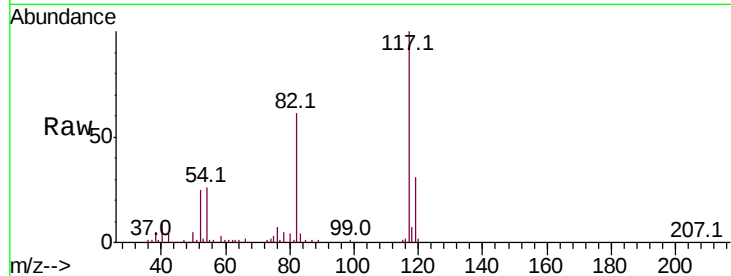




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

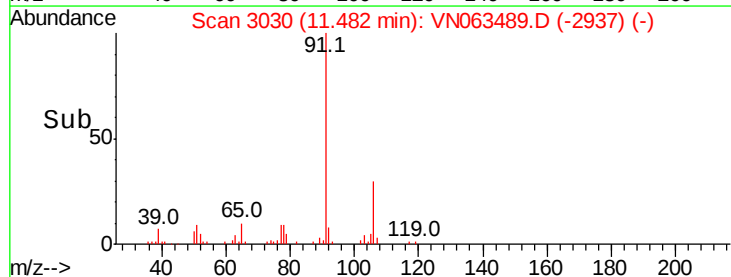
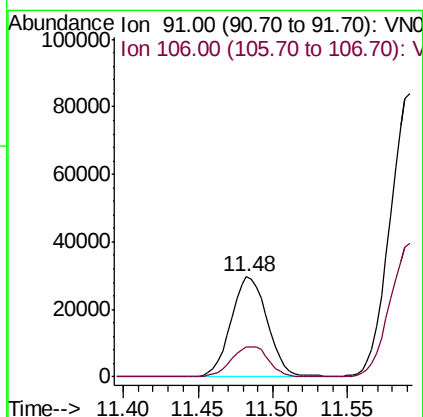
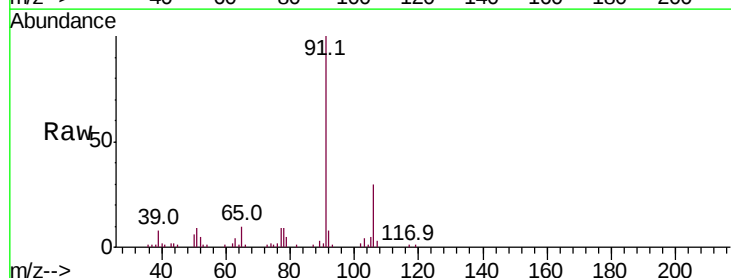
Instrument :
MSVOA_N
ClientSampleId :
20781

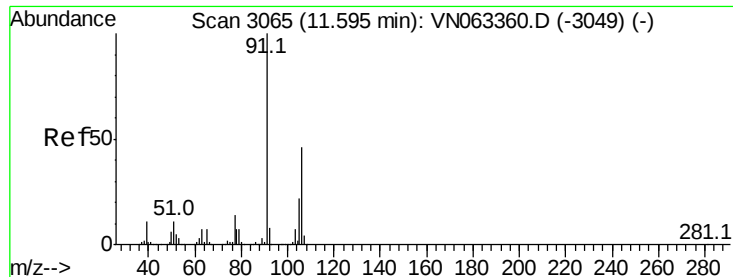
Tot Ion:117 Resp: 408785
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 31.3 26.2 39.4



#67
Ethyl Benzene
Concen: 3.102 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

Tgt Ion: 91 Resp: 50686
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6

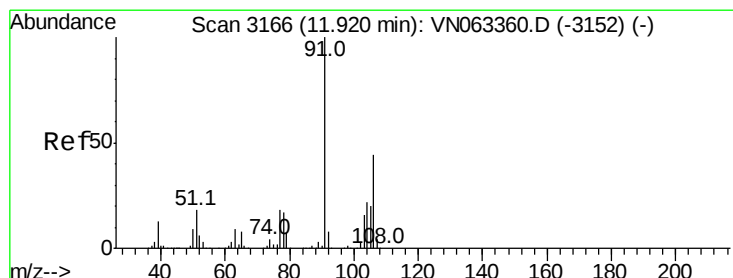
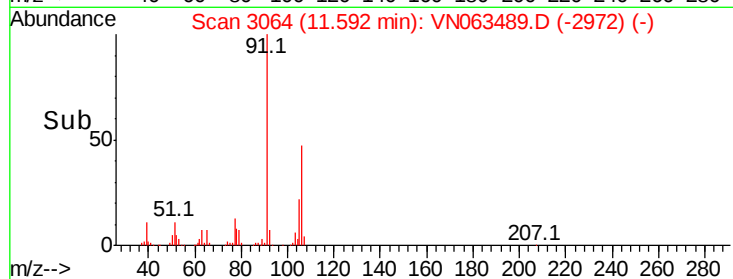
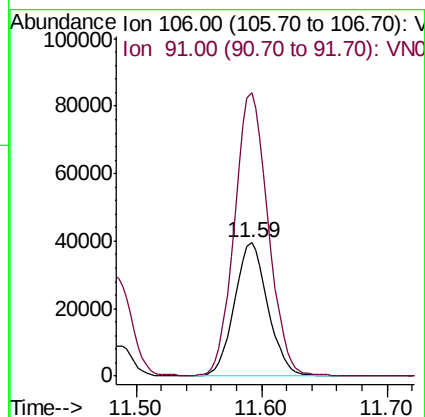
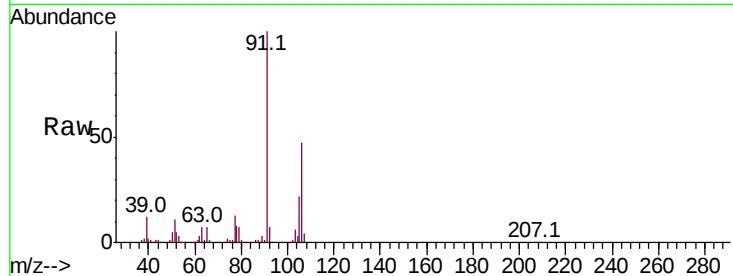




#68
m/p-Xylenes
Concen: 12.435 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

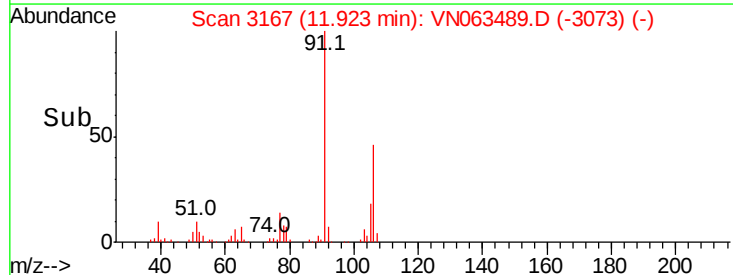
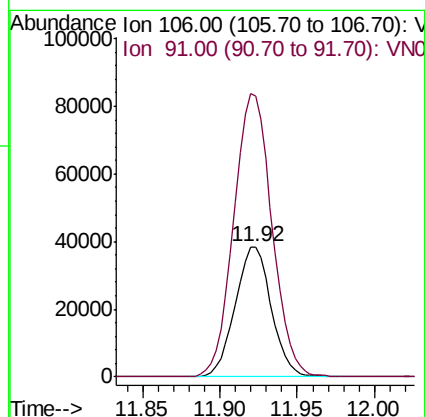
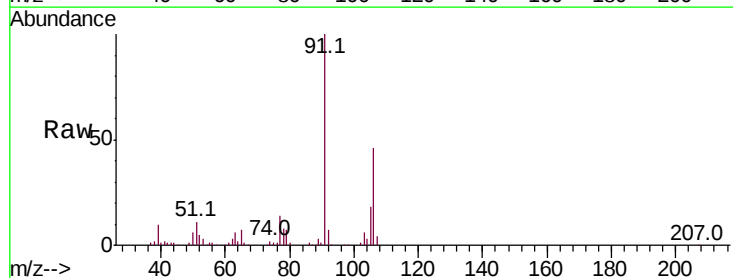
Instrument :
MSVOA_N
ClientSampleId :
20781

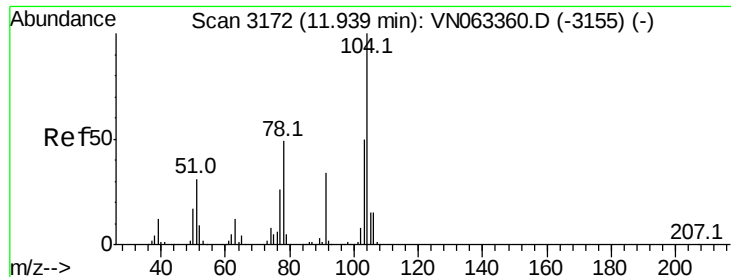
Tot Ion:106 Resp: 73266
Ion Ratio Lower Upper
106 100
91 212.5 171.2 256.8



#69
o-Xylene
Concen: 11.107 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

Tgt Ion:106 Resp: 62339
Ion Ratio Lower Upper
106 100
91 230.1 113.6 340.8

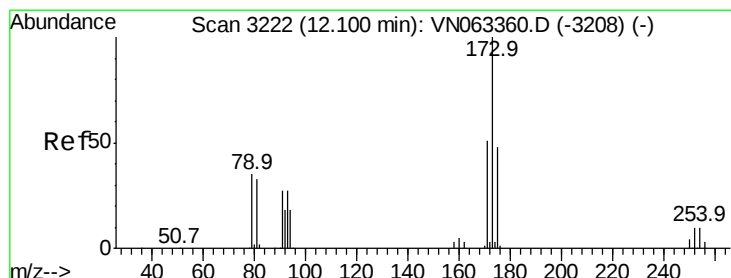
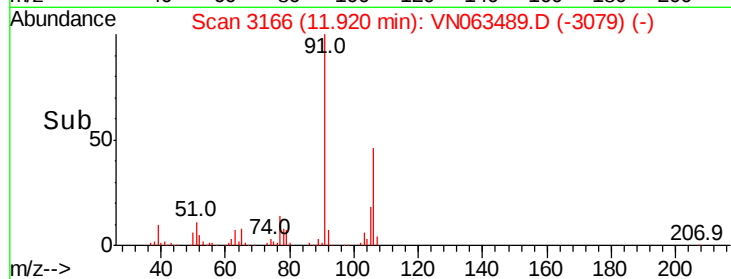
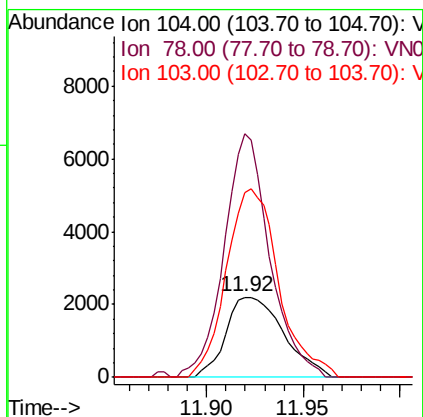
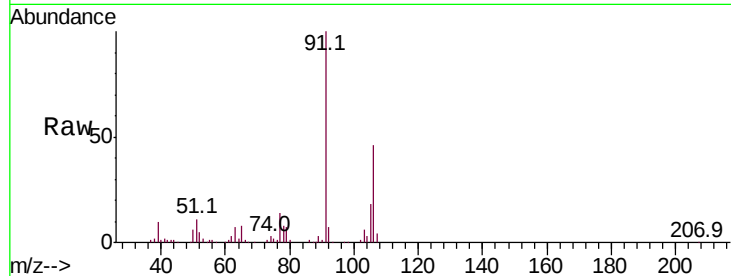




#70
Stvrene
Concen: 0.487 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.02 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

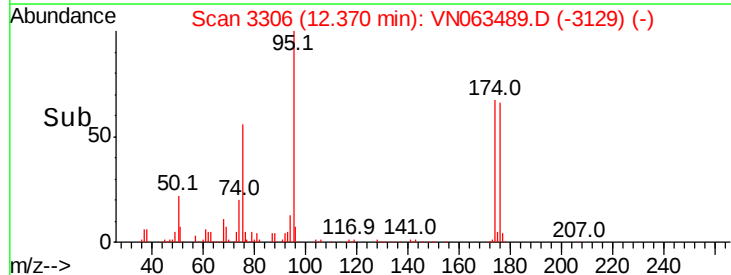
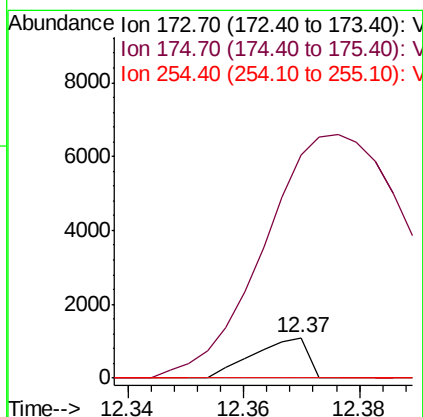
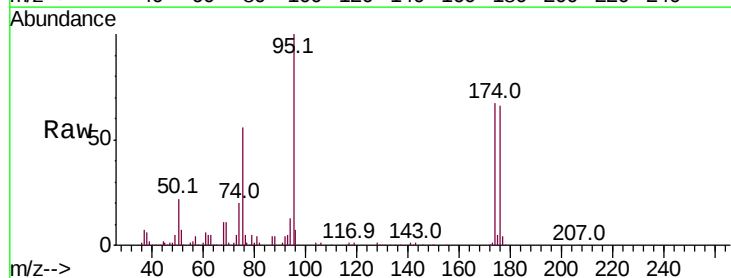
Instrument :
MSVOA_N
ClientSampled :
20781

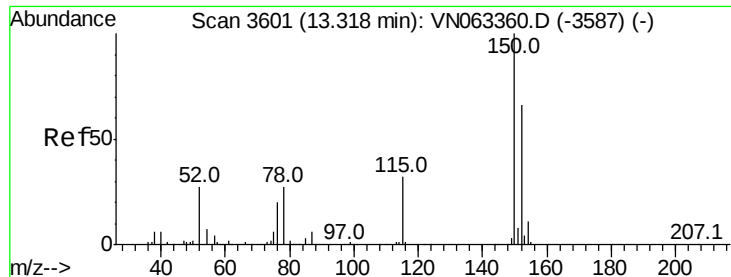
Tot Ion:104 Resp: 4587
Ion Ratio Lower Upper
104 100
78 238.2 44.4 66.6#
103 212.5 43.7 65.5#



#71
Bromoform
Concen: 0.299 ug/l
RT: 12.37 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN063489.D
Acq: 21 Sep 2020 16:33

Tgt Ion:173 Resp: 709
Ion Ratio Lower Upper
173 100
175 1358.0 24.0 72.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampled :

20781

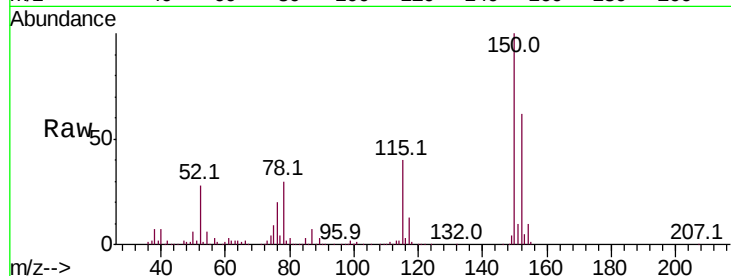
Tot Ion:152 Resp: 188125

Ion Ratio Lower Upper

152 100

115 65.5 32.2 96.6

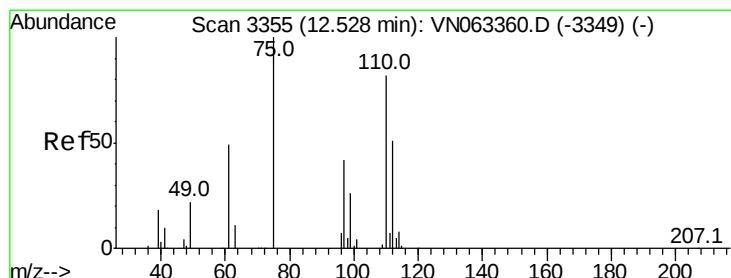
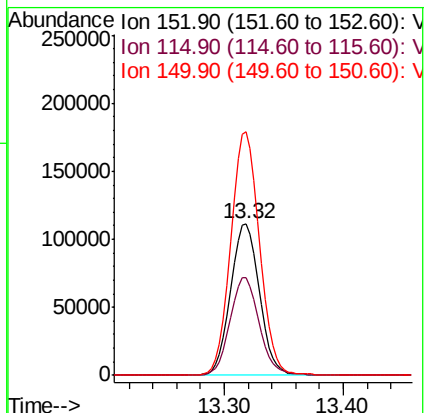
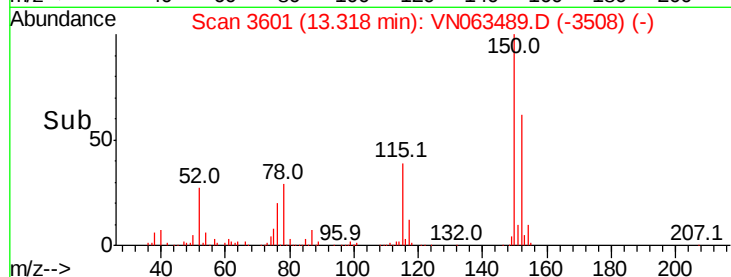
150 159.1 0.0 343.4



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



#76

1,2,3-Trichloropropane

Concen: 25.794 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063489.D

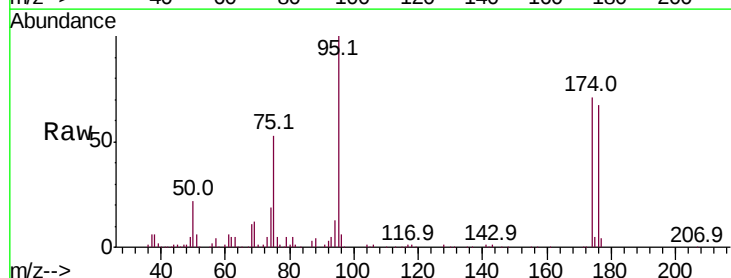
Acq: 21 Sep 2020 16:33

Tgt Ion: 75 Resp: 120106

Ion Ratio Lower Upper

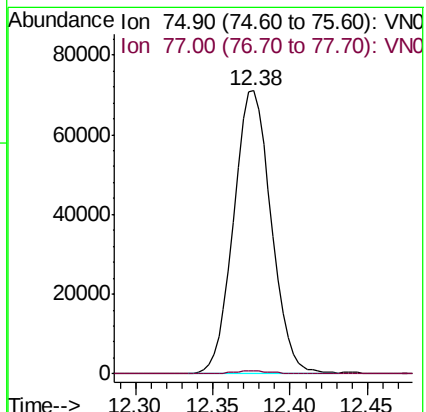
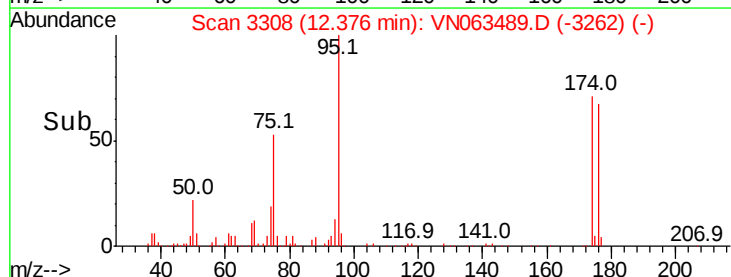
75 100

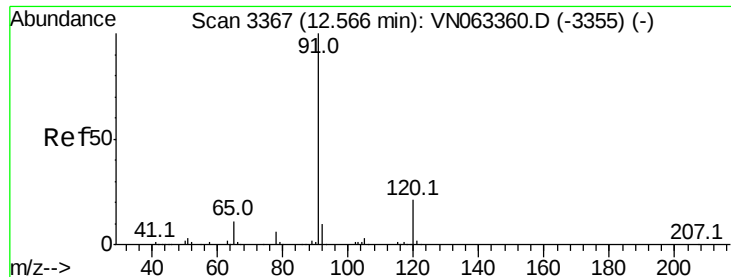
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.287 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

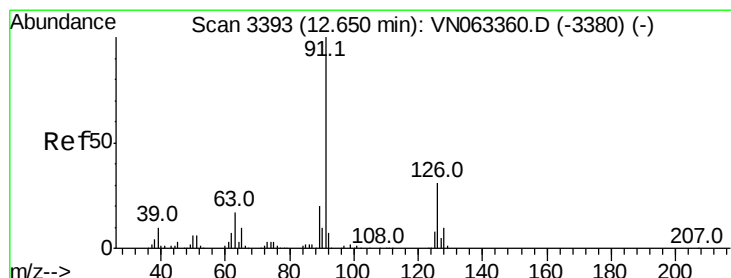
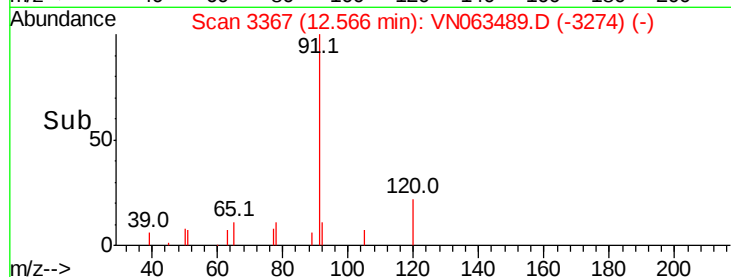
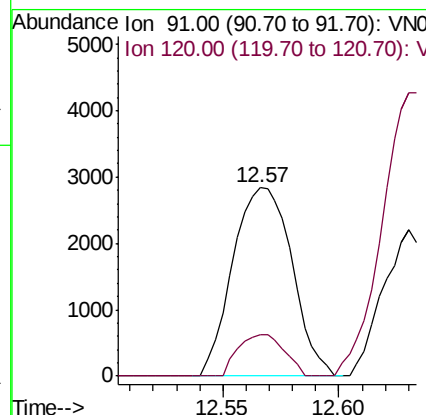
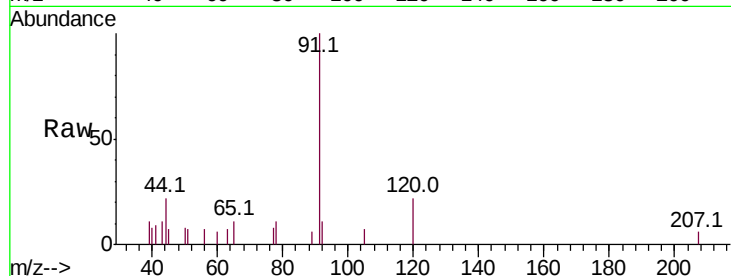
20781

Tot Ion: 91 Resp: 5031

Ion Ratio Lower Upper

91 100

120 17.0 10.8 32.3



#79

2-Chlorotoluene

Concen: 0.306 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. -0.02 min

Lab File: VN063489.D

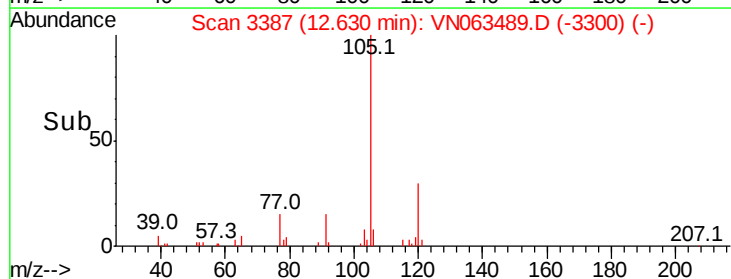
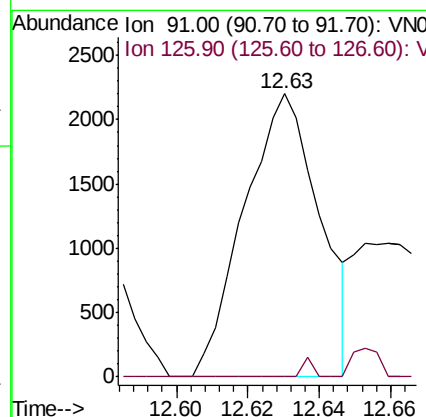
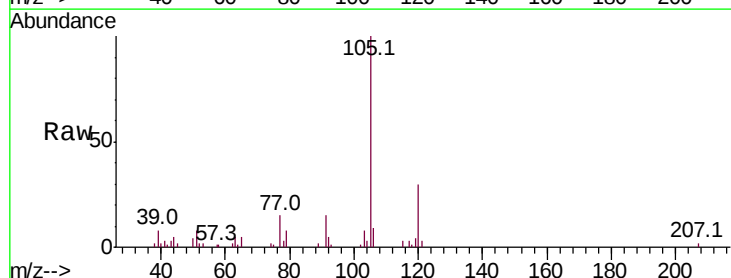
Acq: 21 Sep 2020 16:33

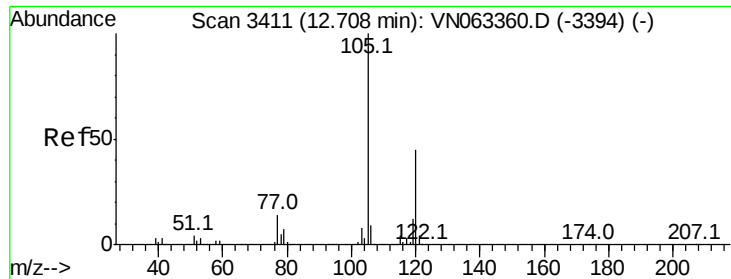
Tgt Ion: 91 Resp: 3220

Ion Ratio Lower Upper

91 100

126 0.9 15.8 47.3#





#80

1,3,5-Trimethylbenzene

Concen: 1.063 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

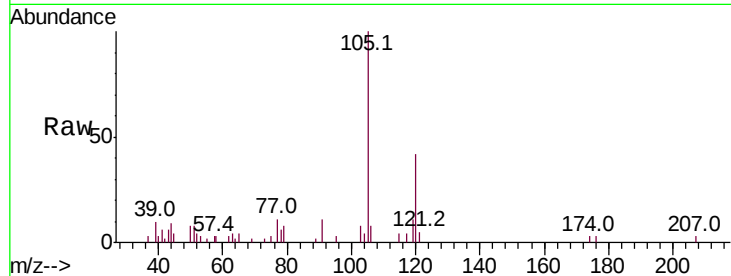
20781

Tot Ion:105 Resp: 13364

Ion Ratio Lower Upper

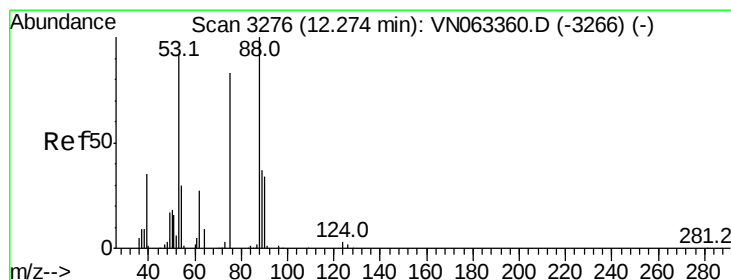
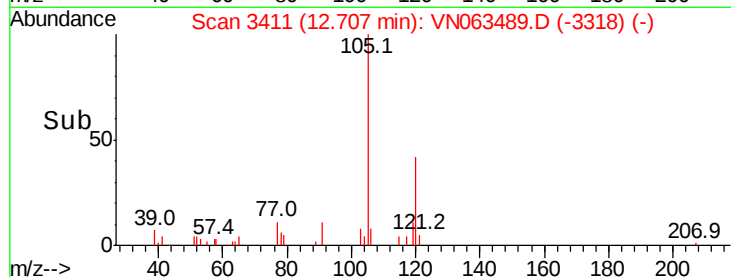
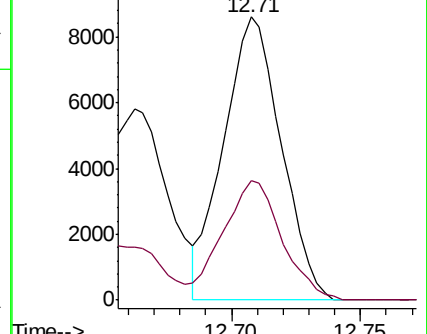
105 100

120 43.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 70.717 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

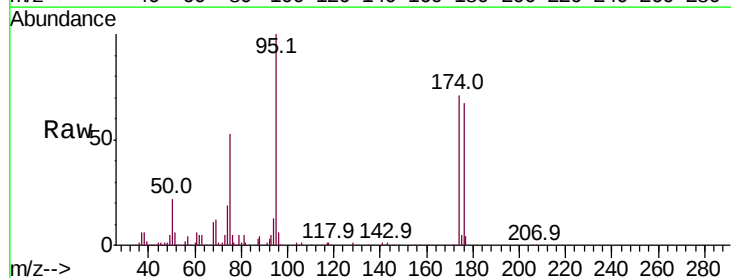
Tgt Ion: 75 Resp: 120106

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

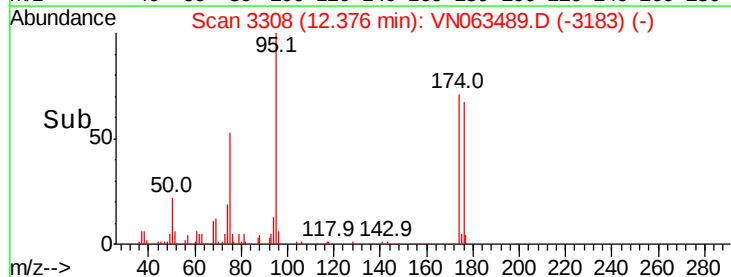
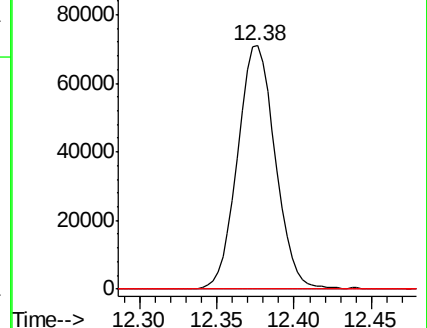
89 0.0 38.0 57.0#

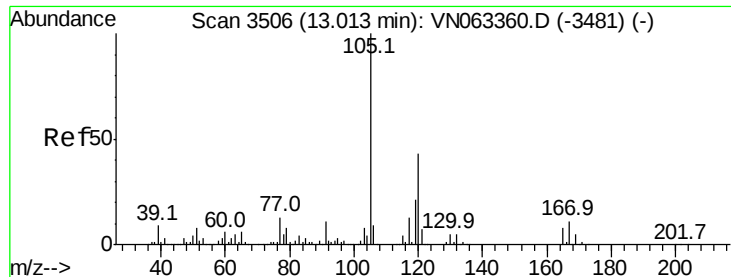


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

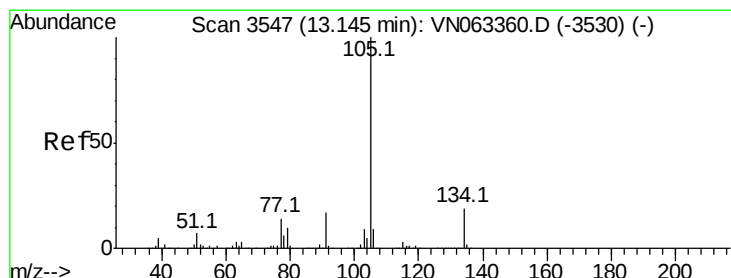
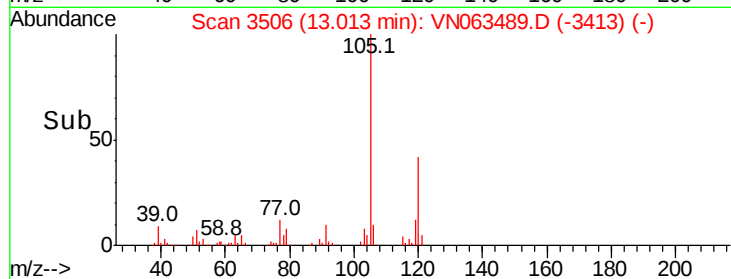
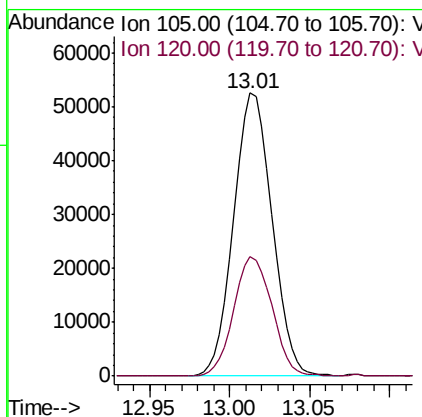
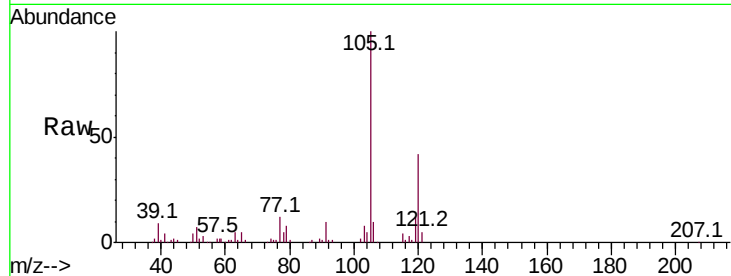




#84
 1,2,4-Trimethylbenzene
 Concen: 6.785 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063489.D
 Acq: 21 Sep 2020 16:33

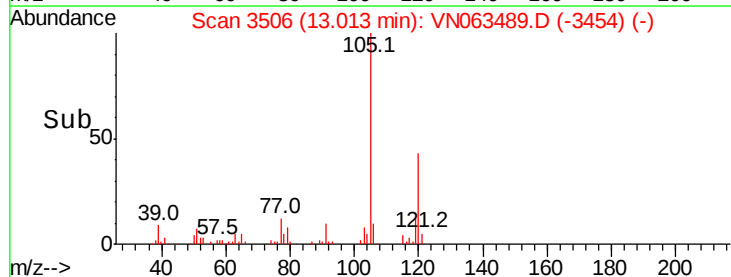
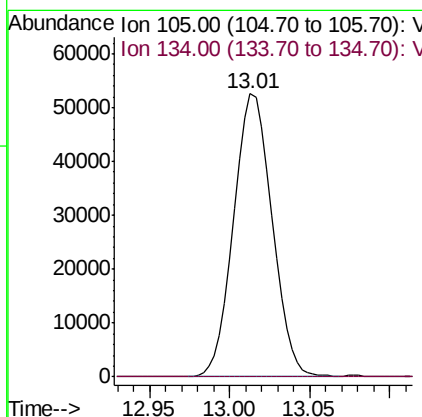
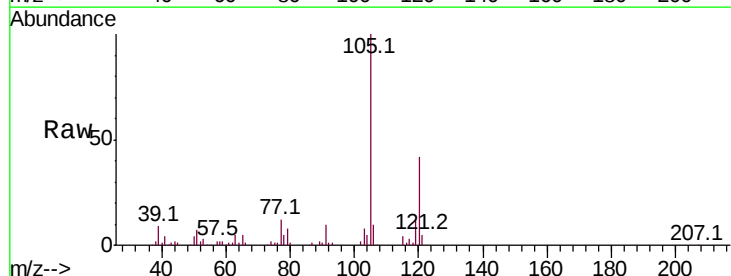
Instrument :
 MSVOA_N
 ClientSampled :
 20781

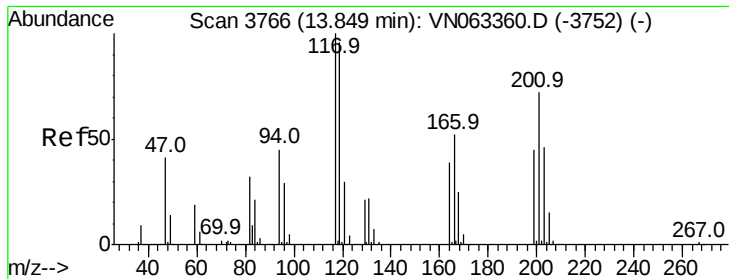
Tot Ion:105 Resp: 86147
 Ion Ratio Lower Upper
 105 100
 120 42.0 21.3 63.9



#85
 sec-Butylbenzene
 Concen: 6.203 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.13 min
 Lab File: VN063489.D
 Acq: 21 Sep 2020 16:33

Tgt Ion:105 Resp: 86147
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.7#





#90

Hexachloroethane

Concen: 0.513 ug/l

RT: 13.86 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampled :

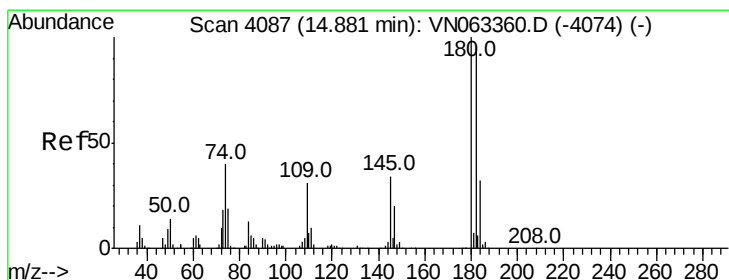
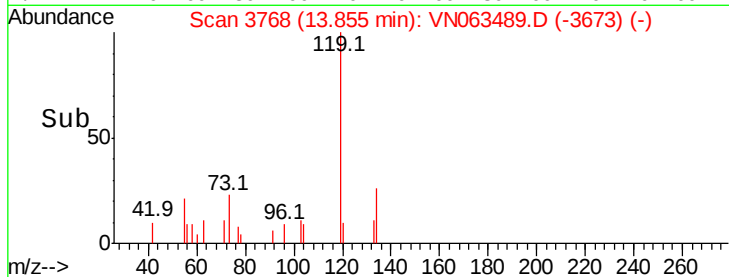
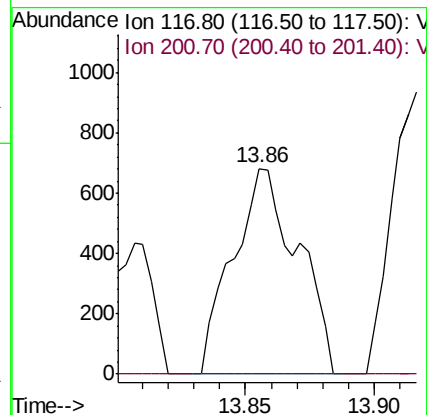
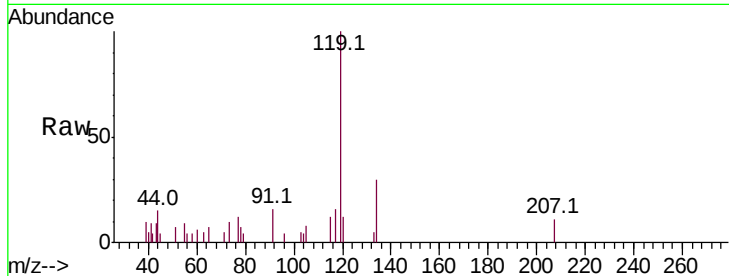
20781

Tot Ion:117 Resp: 1197

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#



#93

1,2,4-Trichlorobenzene

Concen: 0.249 ug/l

RT: 14.89 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

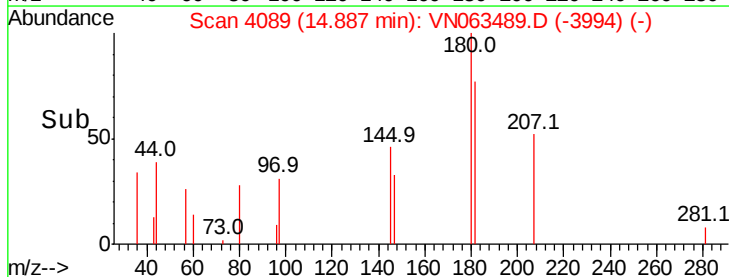
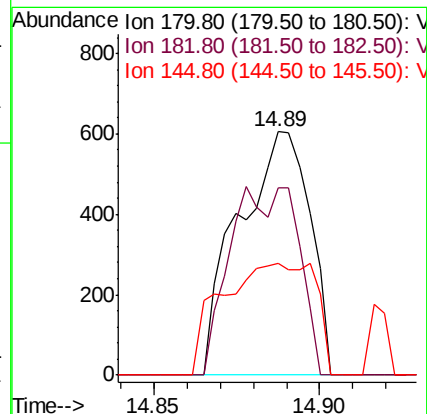
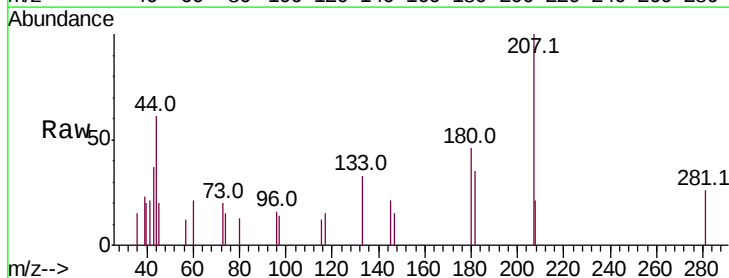
Tgt Ion:180 Resp: 905

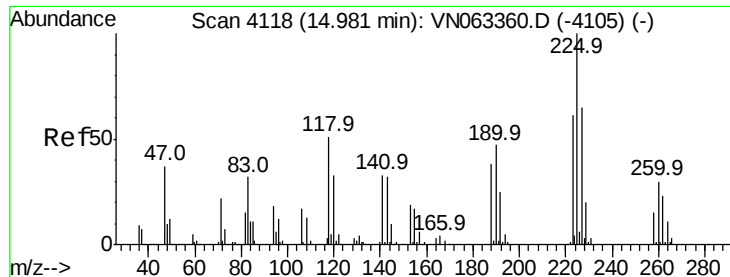
Ion Ratio Lower Upper

180 100

182 44.2 47.3 142.0#

145 60.7 16.6 49.7#





#94

Hexachlorobutadiene

Concen: 0.226 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampled :

20781

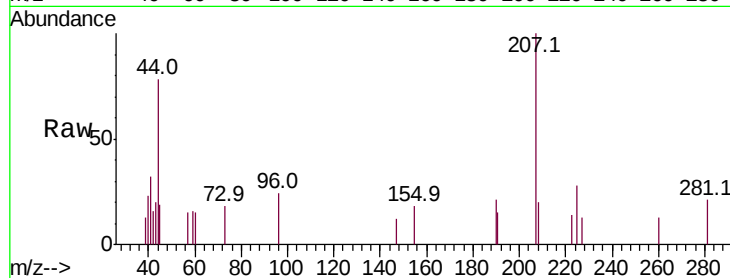
Tot Ion:225 Resp: 341

Ion Ratio Lower Upper

225 100

223 45.5 30.6 91.6

227 29.0 31.2 93.6#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

14.98

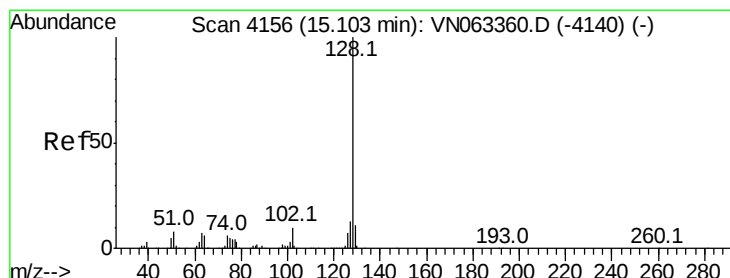
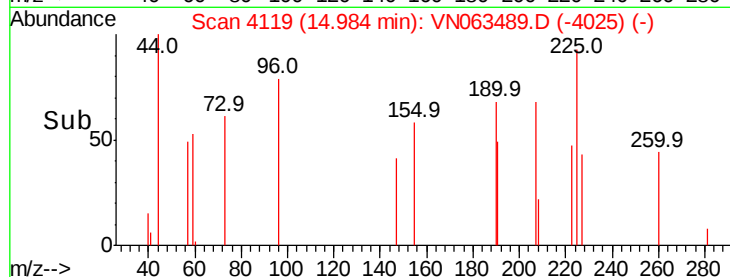
300

200

100

0

Time--> 14.96 14.98 15.00



#95

Naphthalene

Concen: 8.218 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

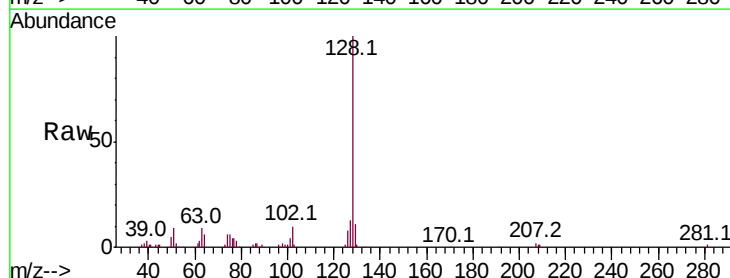
Tgt Ion:128 Resp: 98770

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.3 8.8 13.2



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

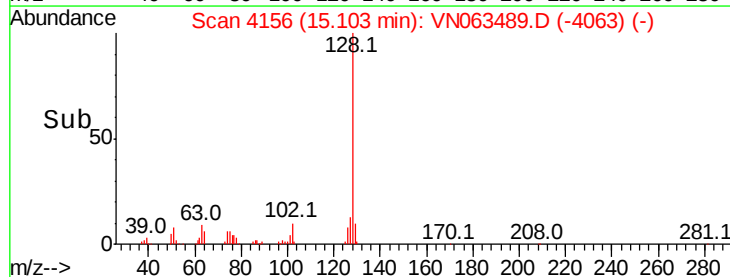
15.10

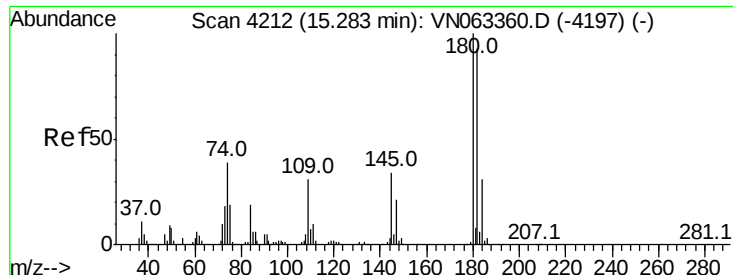
40000

20000

0

Time--> 15.00 15.10 15.20





#96

1,2,3-Trichlorobenzene

Concen: 0.280 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063489.D

Acq: 21 Sep 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

20781

Tot Ion:180 Resp: 985

Ion Ratio Lower Upper

180 100

182 101.0 46.7 140.1

145 28.3 16.8 50.3

