

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062850.D
 Acq On : 12 Aug 2020 11:49
 Operator : JC/MD
 Sample : VN0812MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812MBL01

Quant Time: Aug 13 05:20:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	127290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	226392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	220641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82531	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	110440	52.47	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.54	113	78942	50.97	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.06	98	287975	47.63	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.38	95	101523	44.43	ug/l	0.00
Spiked Amount						

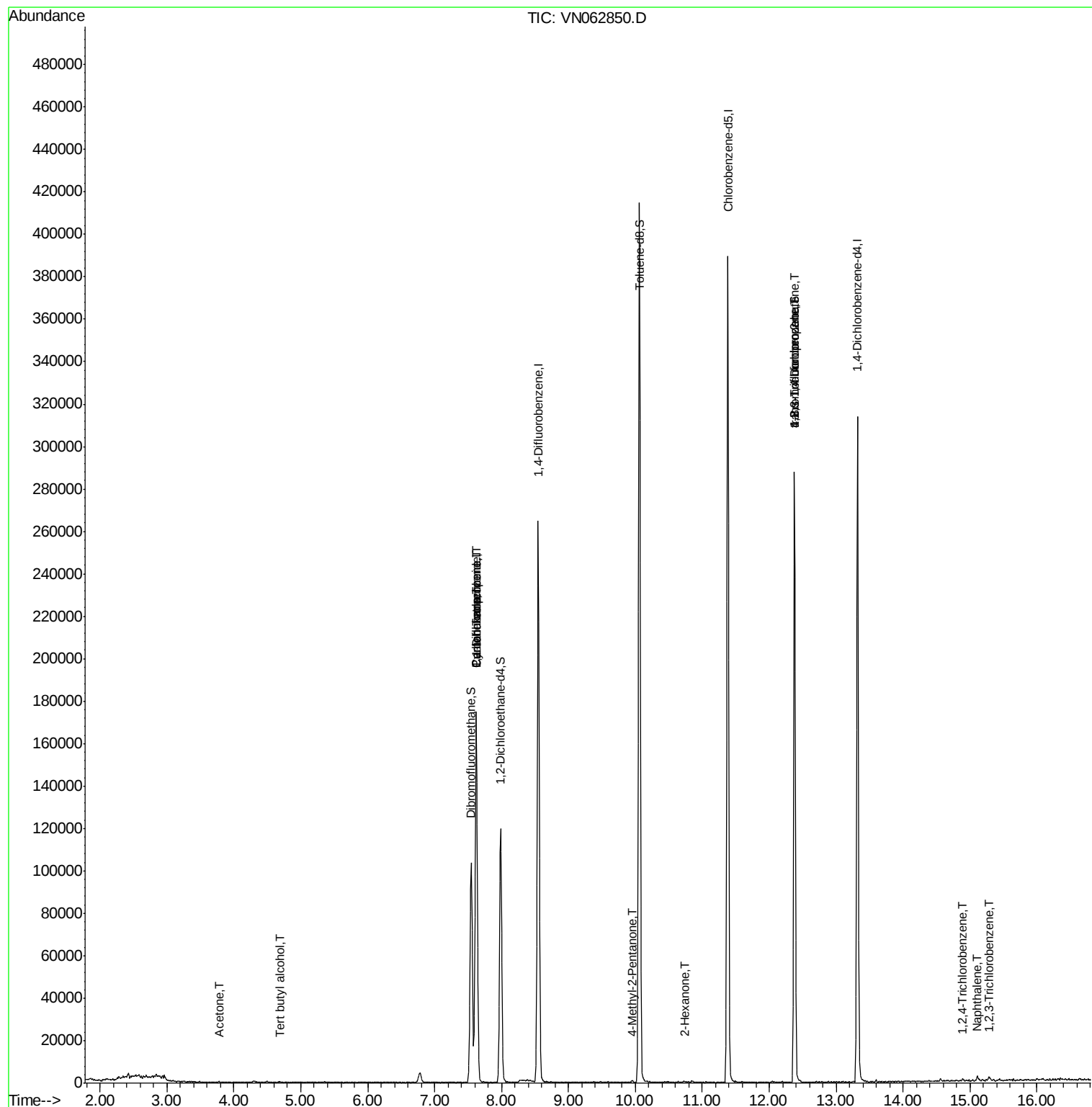
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.69	59	107	0.310	ug/l #	72
16) Acetone	3.79	43	639	0.840	ug/l #	45
17) Carbon Disulfide	4.00	76	339	Below Cal	#	74
18) Methyl Acetate	4.28	43	515	Below Cal	#	77
20) Methylene Chloride	4.50	84	228	Below Cal	#	12
31) Cyclohexane	7.63	56	2906	1.139	ug/l #	14
36) 1,1-Dichloropropene	7.62	75	10603	4.810	ug/l #	52
38) Carbon Tetrachloride	7.62	117	13696	5.253	ug/l #	15
51) 4-Methyl-2-Pentanone	9.96	43	812	0.327	ug/l #	66
59) 2-Hexanone	10.73	43	974	0.525	ug/l #	29
76) 1,2,3-Trichloropropane	12.38	75	54212	24.357	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54212	74.354	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.90	180	485	3.648	ug/l #	69
94) Hexachlorobutadiene	14.98	225	73	Below Cal	#	19
95) Naphthalene	15.11	128	2688	4.364	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.28	180	764	3.268	ug/l #	82

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
Data File : VN062850.D
Acq On : 12 Aug 2020 11:49
Operator : JC/MD
Sample : VN0812MBL01
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812MBL01

Quant Time: Aug 13 05:20:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062850.D

Acq: 12 Aug 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

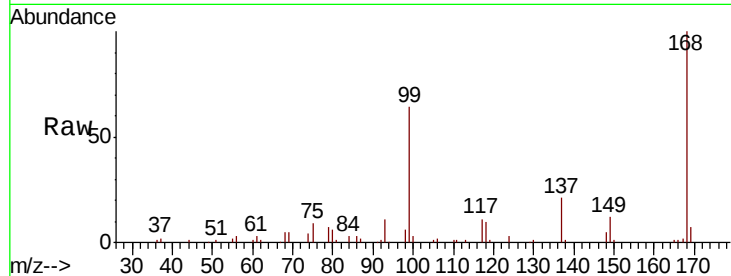
VN0812MBL01

Tot Ion:168 Resp: 127290

Ion Ratio Lower Upper

168 100

99 64.5 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062756.D (-1802) (-)

Ion 98.90 (98.60 to 99.60): VN062756.D (-1802) (-)

7.62

60000

50000

40000

30000

20000

10000

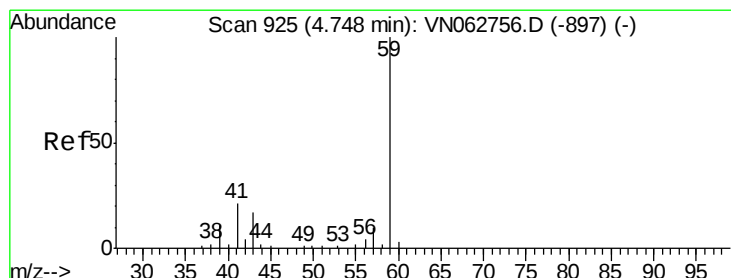
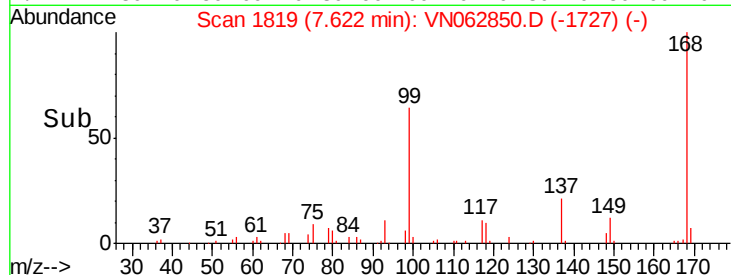
0

Time-->

7.50

7.60

7.70



#11

Tert butyl alcohol

Concen: 0.310 ug/l

RT: 4.69 min Scan# 907

Delta R.T. -0.06 min

Lab File: VN062850.D

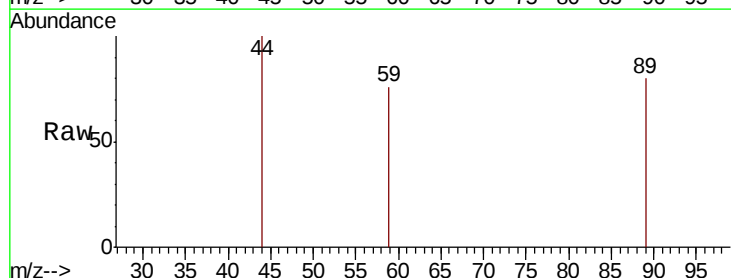
Acq: 12 Aug 2020 11:49

Tgt Ion: 59 Resp: 107

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN062850.D (-832) (-)

Ion 57.00 (56.70 to 57.70): VN062850.D (-832) (-)

4.69

200

150

100

50

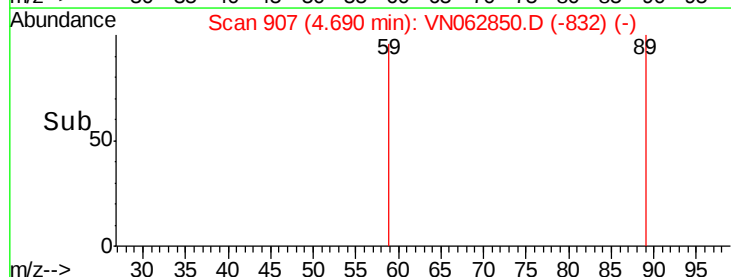
0

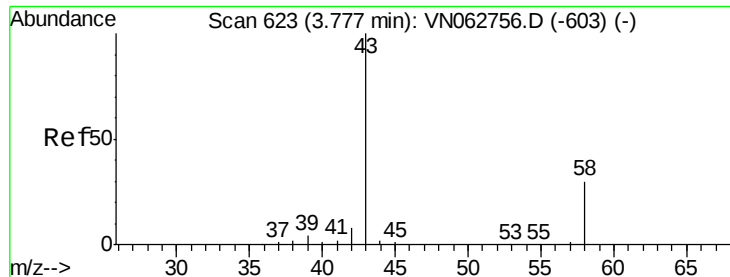
Time-->

4.68

4.69

4.70





#16

Acetone

Concen: 0.840 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062850.D

Acq: 12 Aug 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

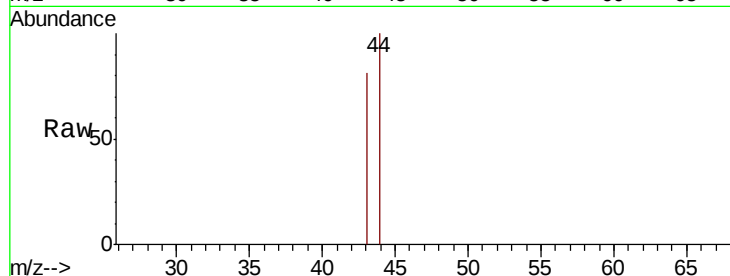
VN0812MBL01

Tot Ion: 43 Resp: 639

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

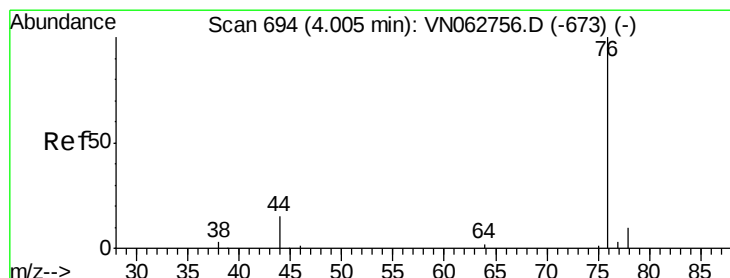
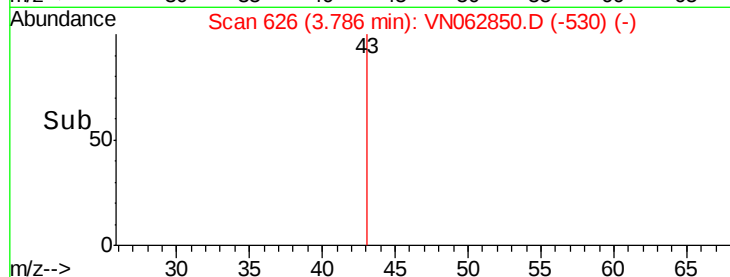
300

200

100

0

Time-->



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062850.D

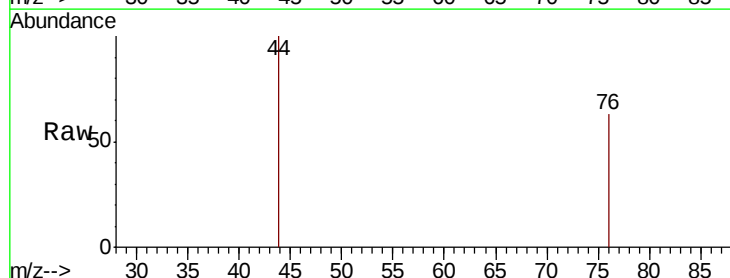
Acq: 12 Aug 2020 11:49

Tgt Ion: 76 Resp: 339

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.00

300

250

200

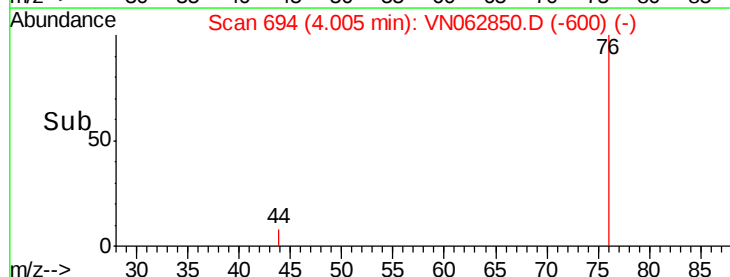
150

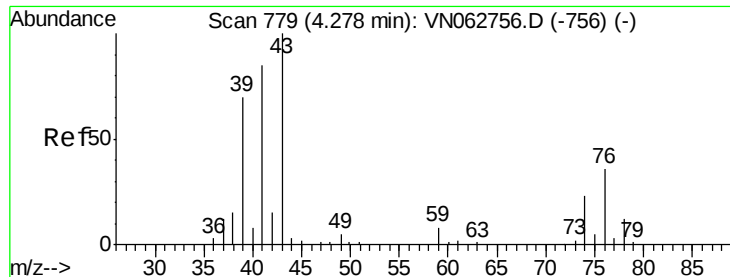
100

50

0

Time-->

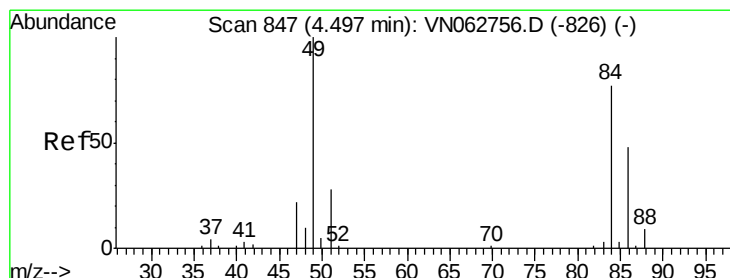
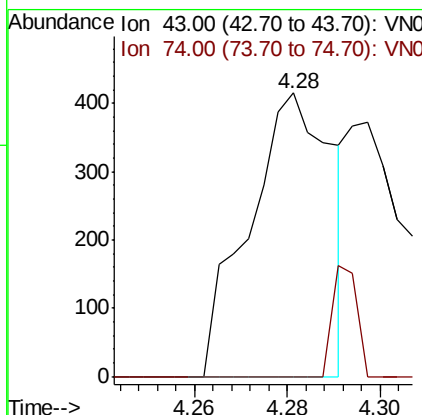
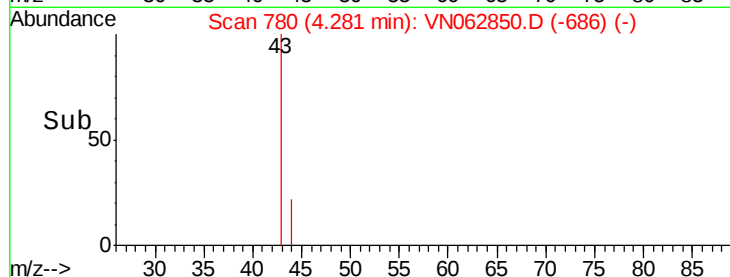
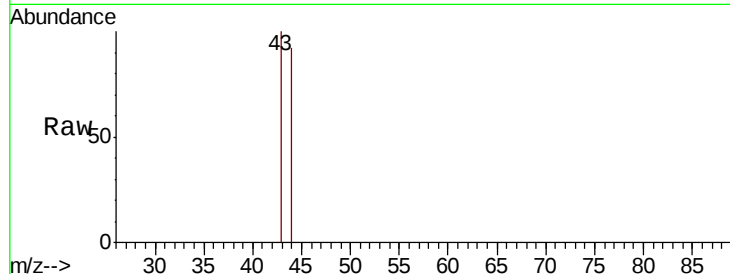




#18
Methyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062850.D
Acq: 12 Aug 2020 11:49

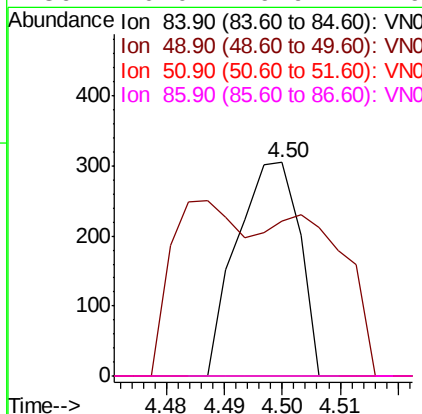
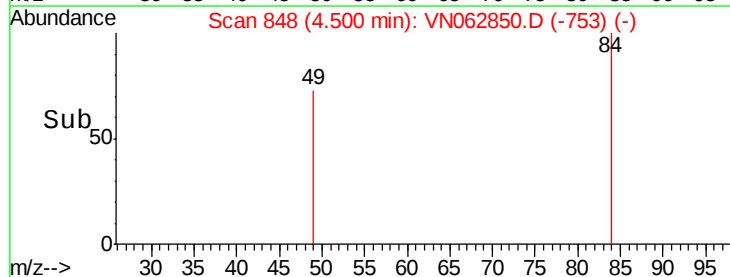
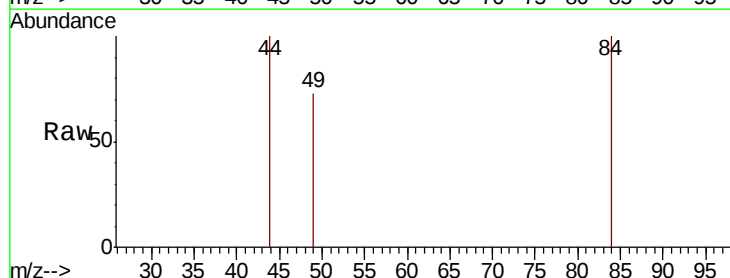
Instrument :
MSVOA_N
ClientSampleId :
VN0812MBL01

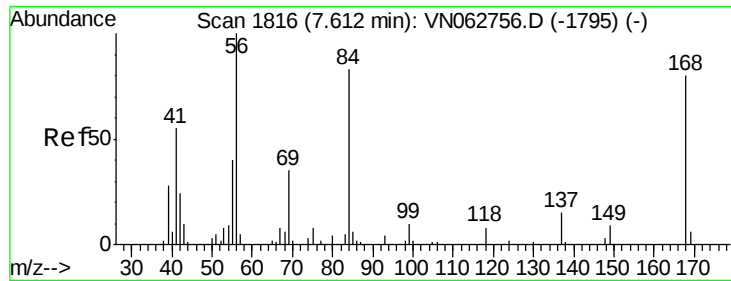
Tot Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
74 11.8 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062850.D
Acq: 12 Aug 2020 11:49

Tgt Ion: 84 Resp: 228
Ion Ratio Lower Upper
84 100
49 13.8 103.4 155.2#
51 0.0 29.3 43.9#
86 0.0 49.9 74.9#

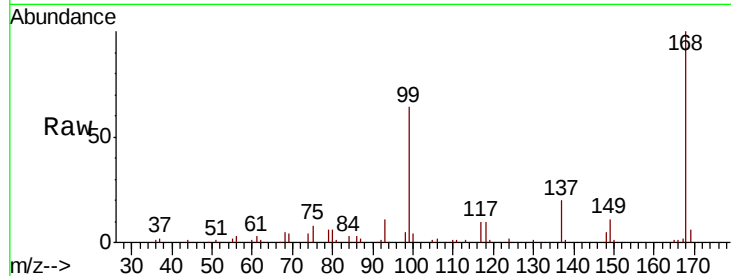




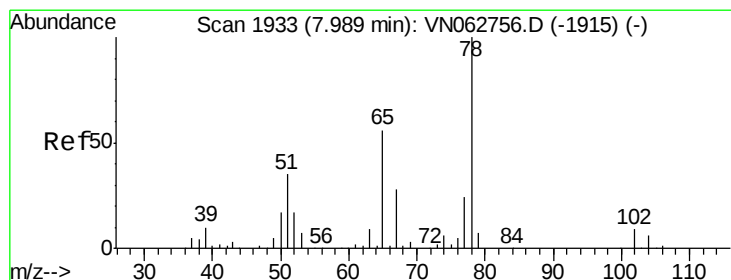
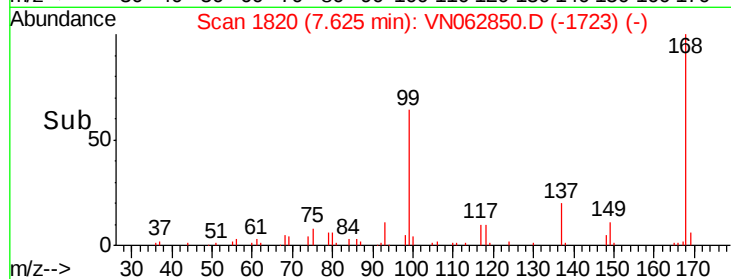
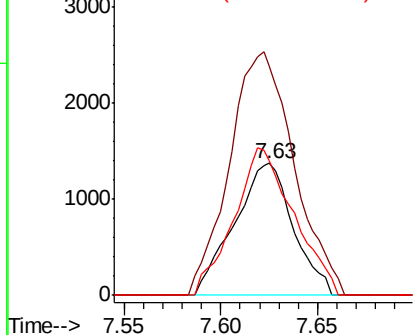
#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062850.D
Acq: 12 Aug 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0812MBL01

Tot Ion: 56 Resp: 2906
Ion Ratio Lower Upper
56 100
69 174.5 28.1 42.1#
84 102.2 66.8 100.2#

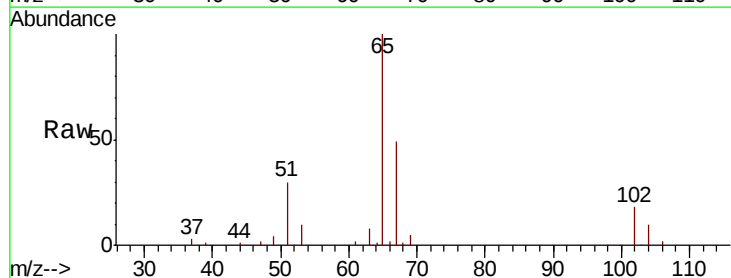


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

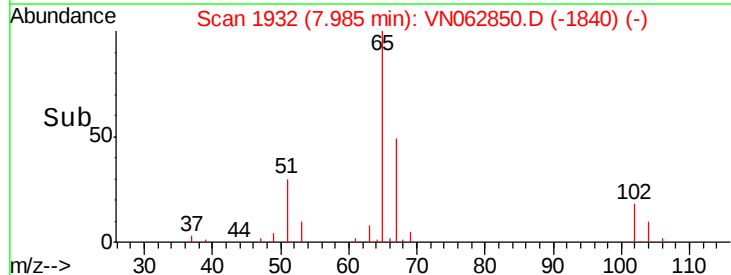
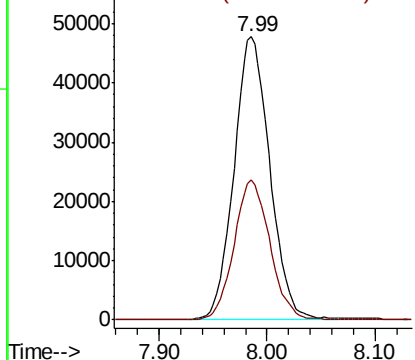


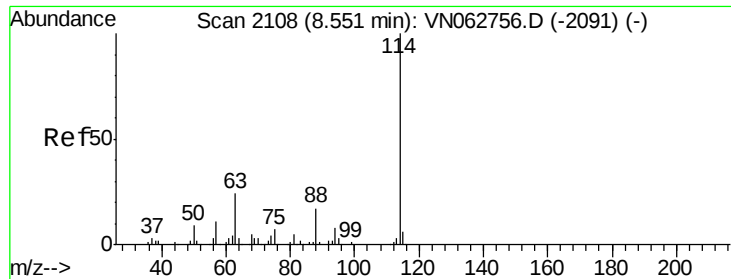
#33
1,2-Dichloroethane-d4
Concen: 52.466 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062850.D
Acq: 12 Aug 2020 11:49

Tgt Ion: 65 Resp: 110440
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.4



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

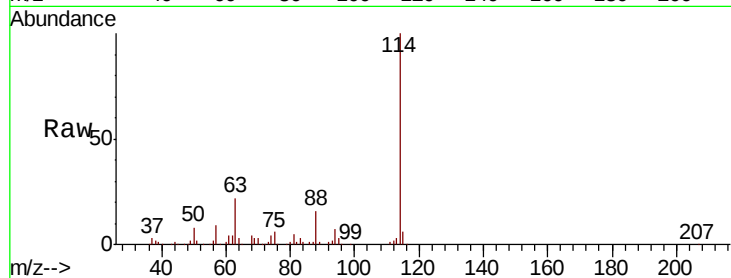




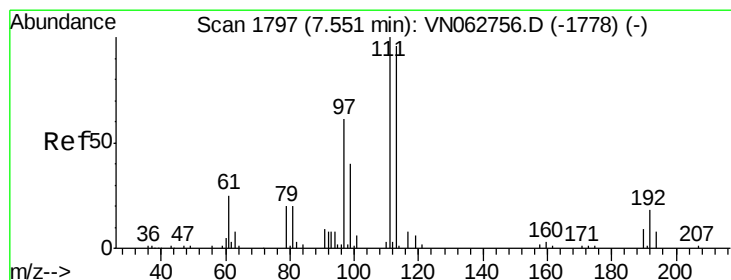
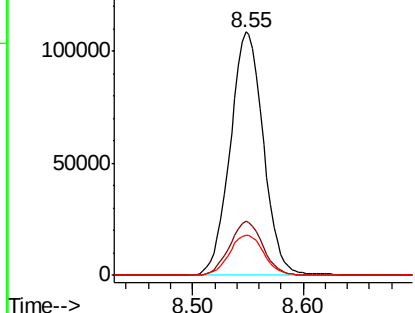
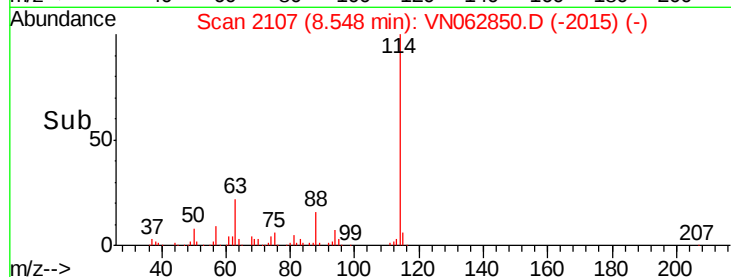
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062850.D
 Acq: 12 Aug 2020 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812MBL01

Tot Ion:114	Resp:	226392
Ion Ratio	Lower	Upper
114 100		
63 22.1	0.0	47.6
88 16.4	0.0	34.4

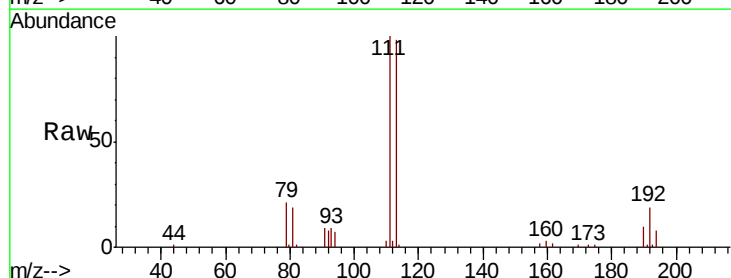


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

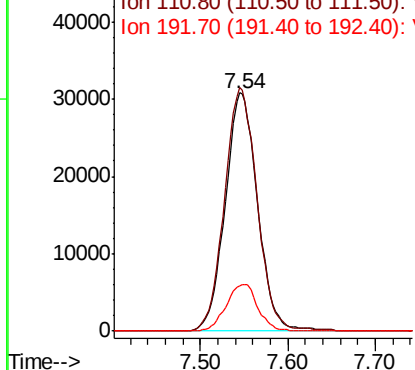
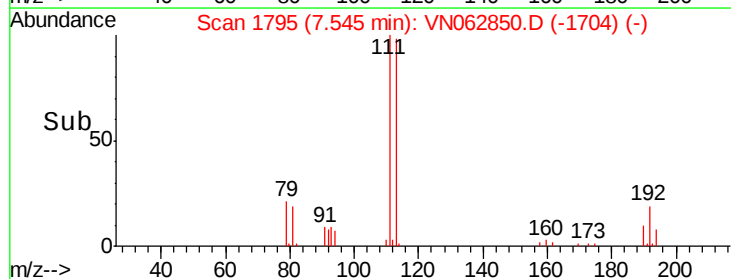


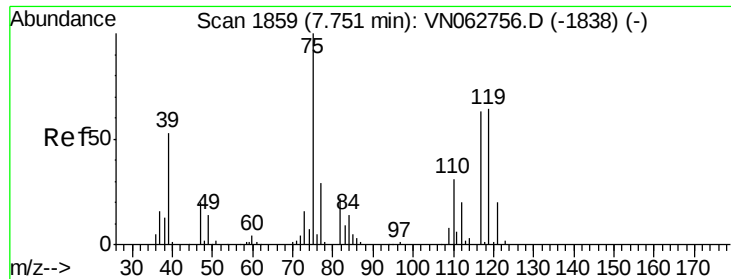
#35
 Dibromofluoromethane
 Concen: 50.975 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: VN062850.D
 Acq: 12 Aug 2020 11:49

Tgt Ion:113	Resp:	78942
Ion Ratio	Lower	Upper
113 100		
111 102.2	81.8	122.6
192 19.1	15.0	22.4



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

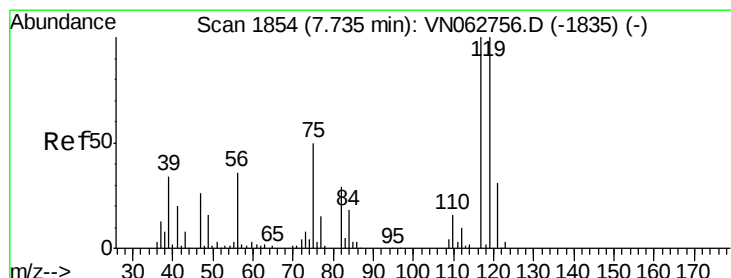
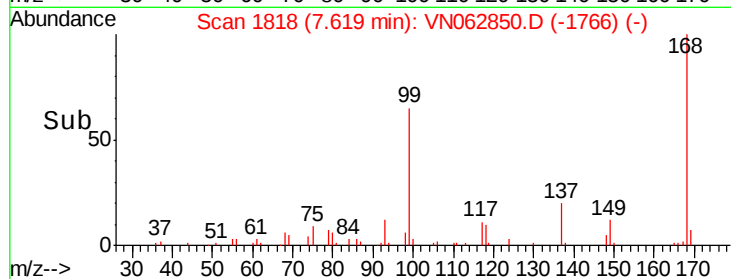
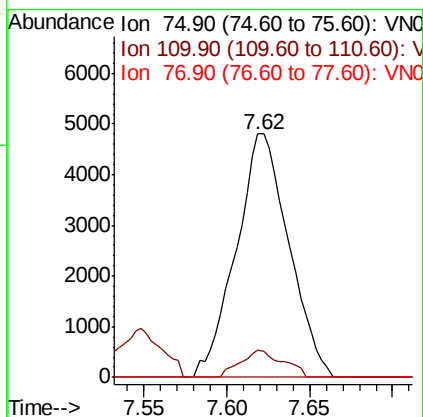
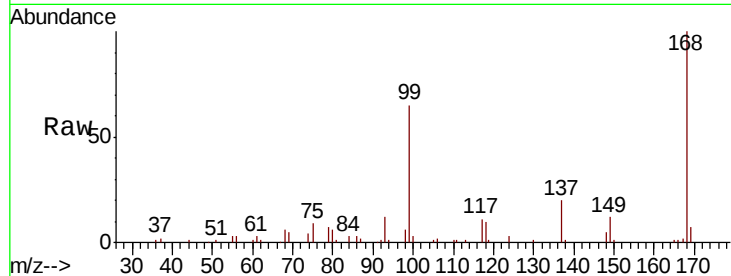




#36
 1,1-Dichloropropene
 Concen: 4.810 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.13 min
 Lab File: VN062850.D
 Acq: 12 Aug 2020 11:49

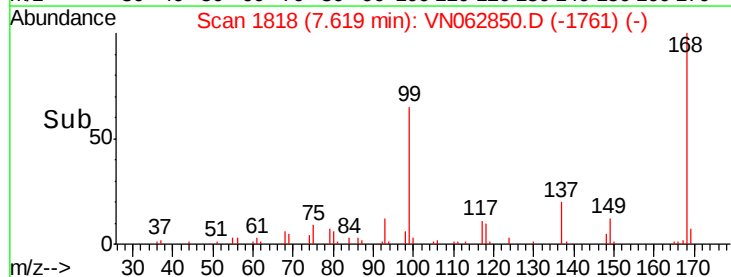
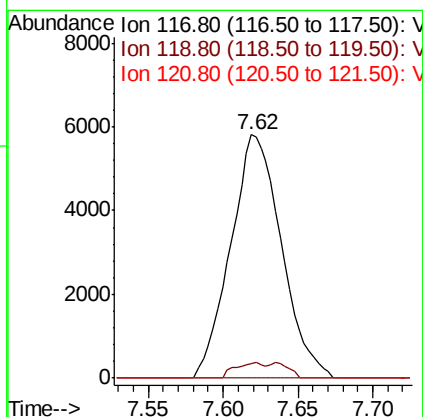
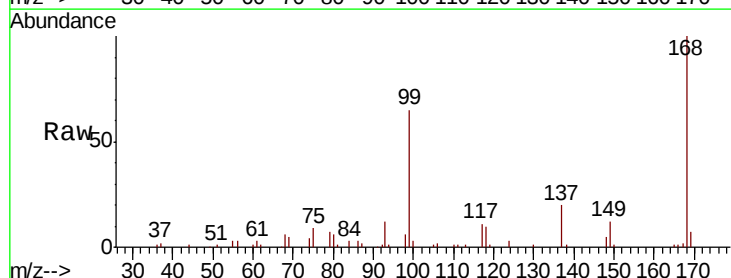
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812MBL01

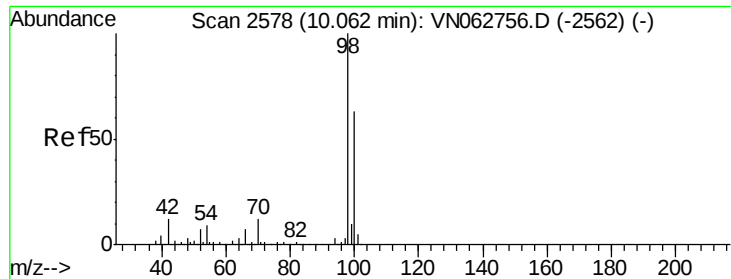
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	15.6	46.7#
77	0.0	24.1	36.1#



#38
 Carbon Tetrachloride
 Concen: 5.253 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.12 min
 Lab File: VN062850.D
 Acq: 12 Aug 2020 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	79.4	119.2#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 47.630 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062850.D

Acq: 12 Aug 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

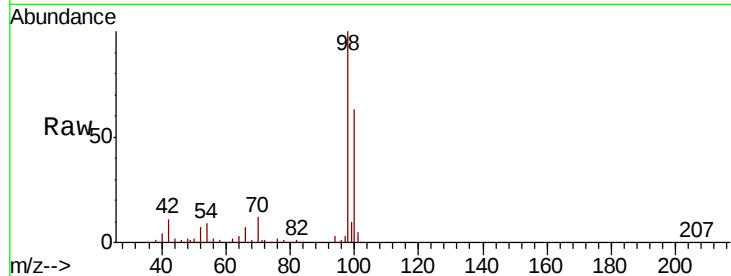
VN0812MBL01

Tot Ion: 98 Resp: 287975

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

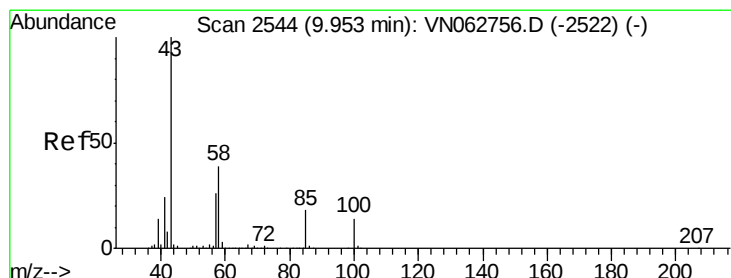
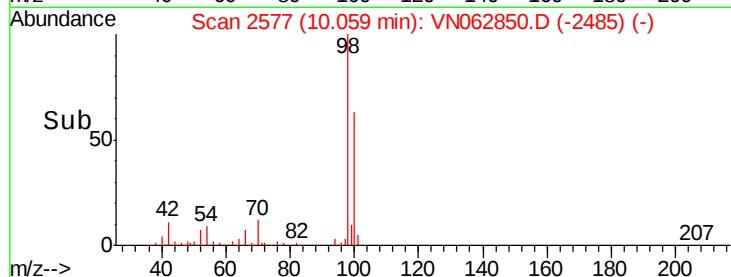
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.327 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN062850.D

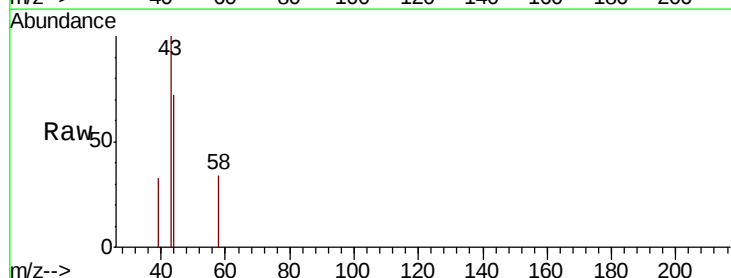
Acq: 12 Aug 2020 11:49

Tgt Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

58 18.1 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2522) (-)

9.96

500

400

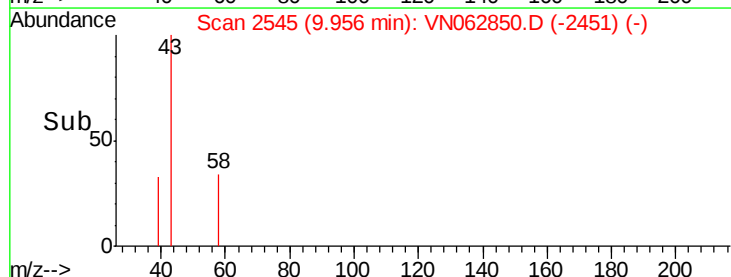
300

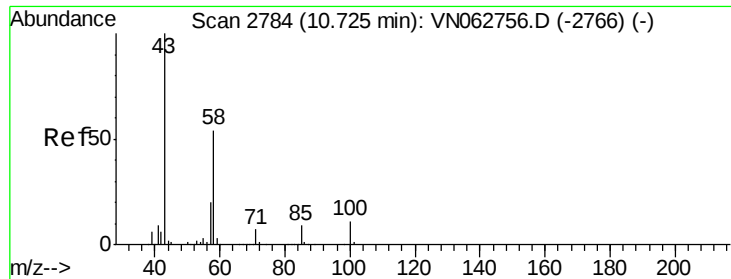
200

100

0

Time-->

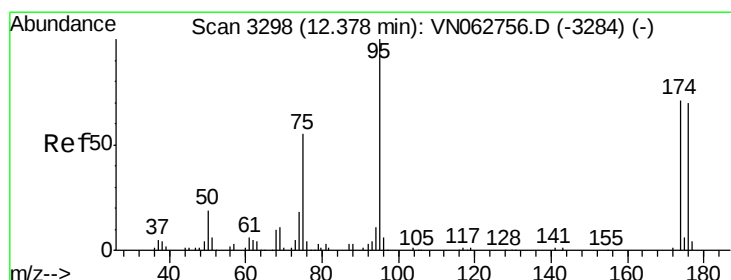
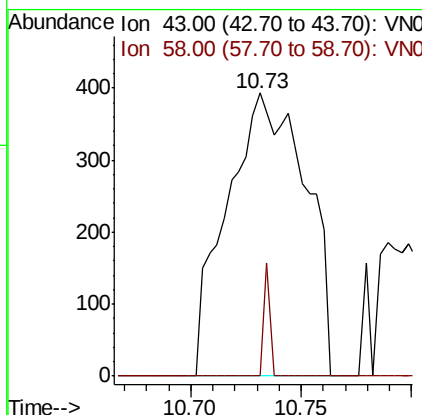
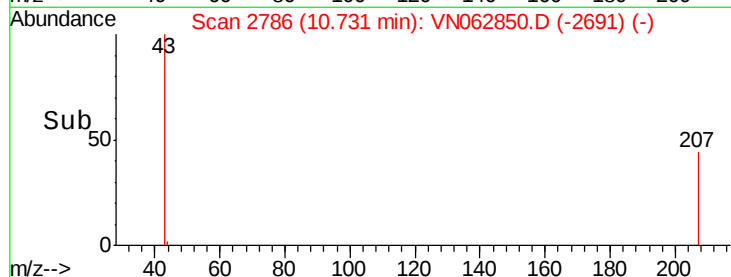
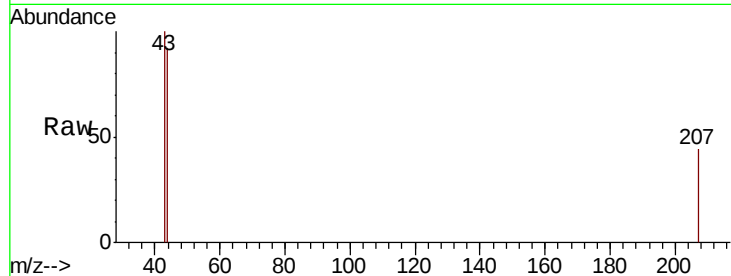




#59
 2-Hexanone
 Concen: 0.525 ug/l
 RT: 10.73 min Scan# 2786
 Delta R.T. 0.01 min
 Lab File: VN062850.D
 Acq: 12 Aug 2020 11:49

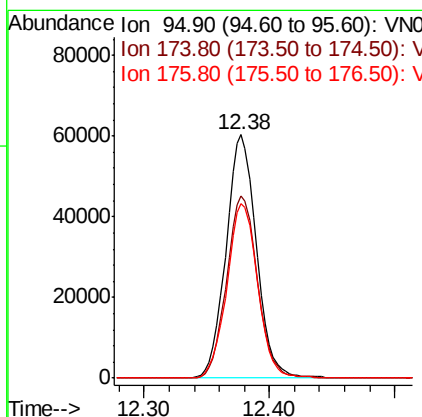
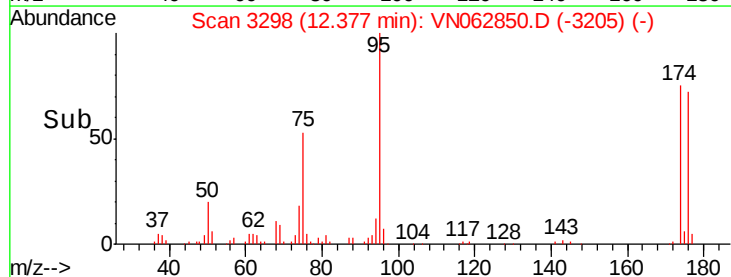
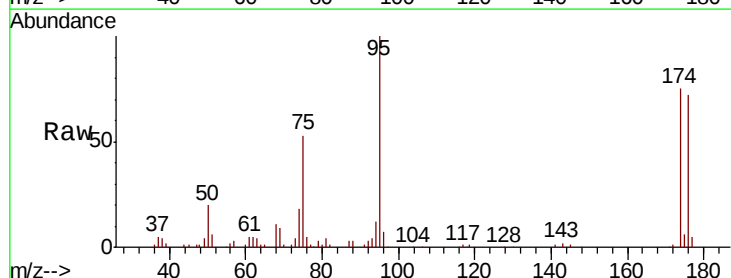
Instrument :
 MSVOA_N
 ClientSampled :
 VN0812MBL01

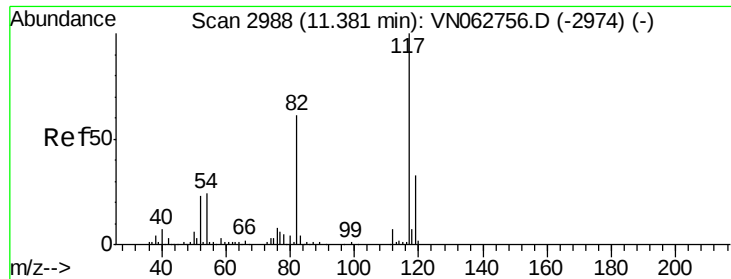
Tot Ion: 43 Resp: 974
 Ion Ratio Lower Upper
 43 100
 58 3.1 26.7 80.1#



#62
 4-Bromofluorobenzene
 Concen: 44.434 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062850.D
 Acq: 12 Aug 2020 11:49

Tgt Ion: 95 Resp: 101523
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 144.8
 176 72.6 0.0 142.2

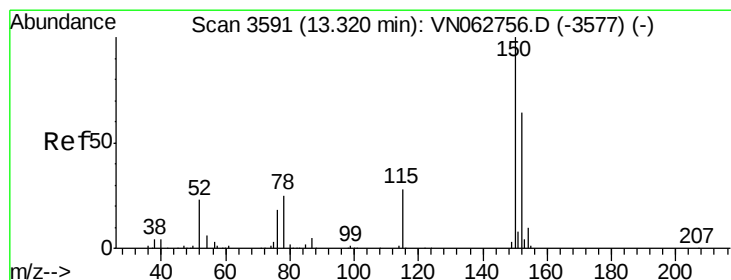
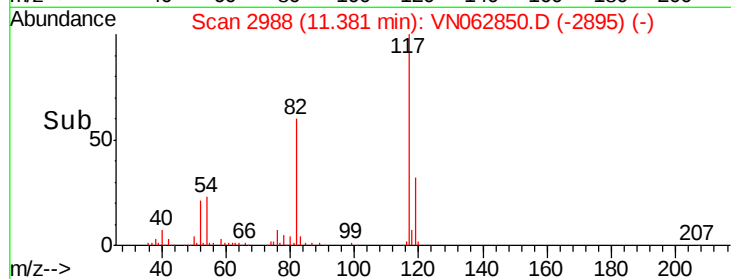
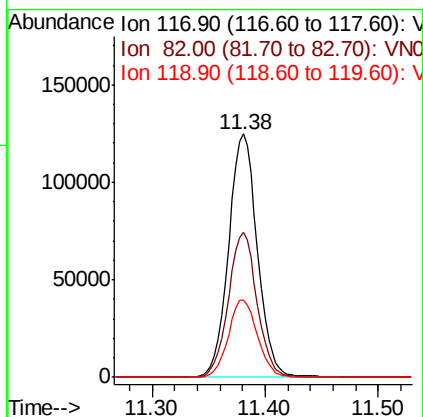
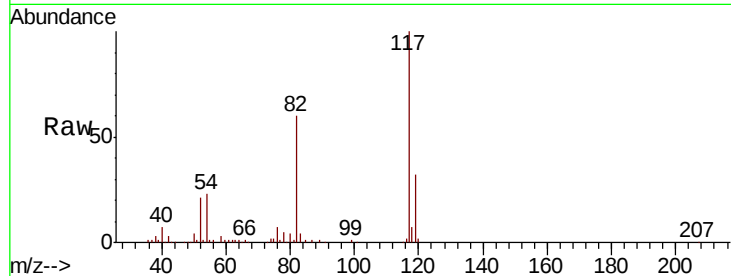




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062850.D
Acq: 12 Aug 2020 11:49

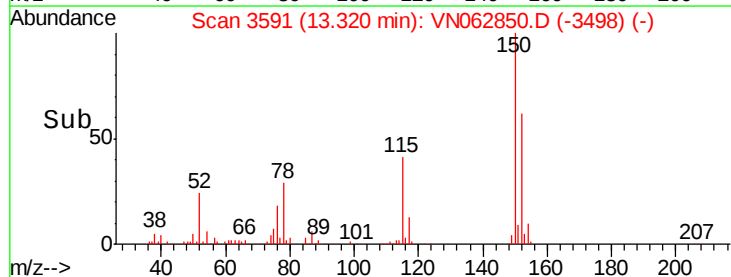
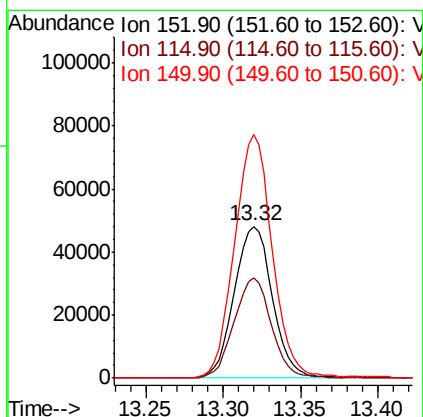
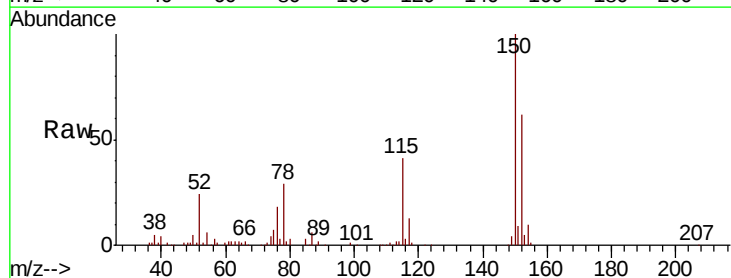
Instrument :
MSVOA_N
ClientSampleId :
VN0812MBL01

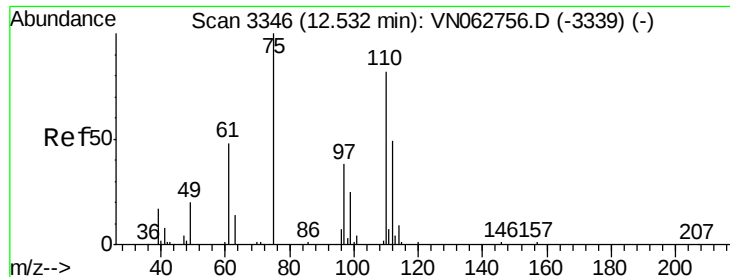
Tot Ion:117 Resp: 220641
Ion Ratio Lower Upper
117 100
82 59.5 49.0 73.4
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062850.D
Acq: 12 Aug 2020 11:49

Tgt Ion:152 Resp: 82531
Ion Ratio Lower Upper
152 100
115 64.7 31.6 94.8
150 158.7 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 24.357 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062850.D

Acq: 12 Aug 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

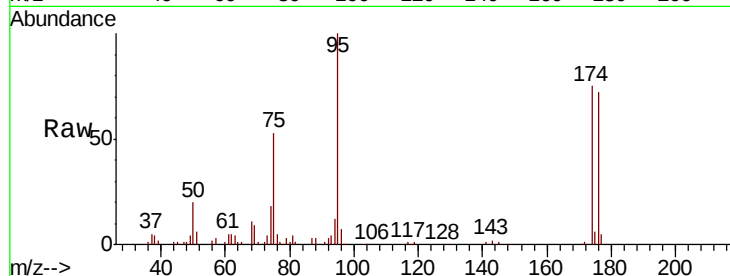
VN0812MBL01

Tot Ion: 75 Resp: 54212

Ion Ratio Lower Upper

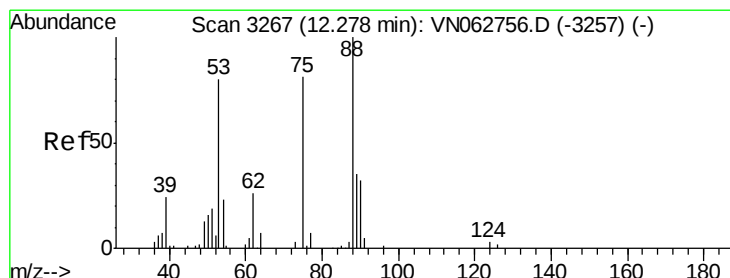
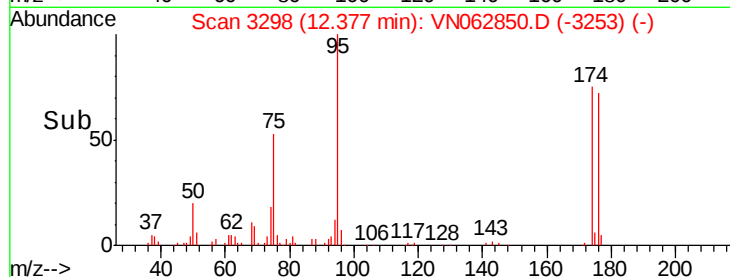
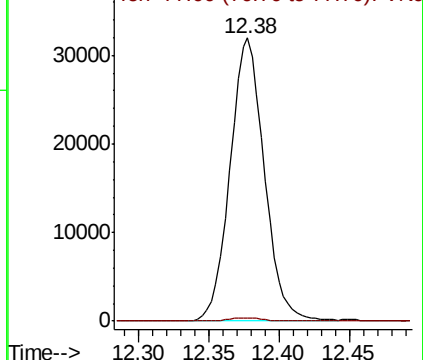
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 74.354 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062850.D

Acq: 12 Aug 2020 11:49

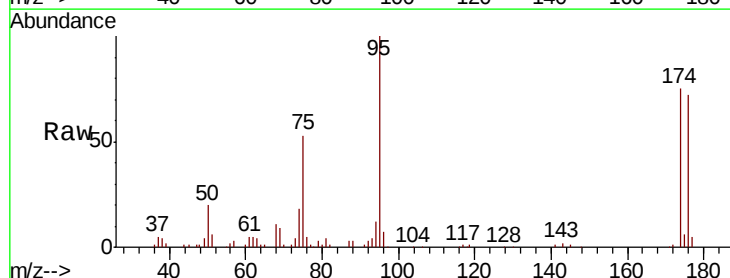
Tgt Ion: 75 Resp: 54212

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

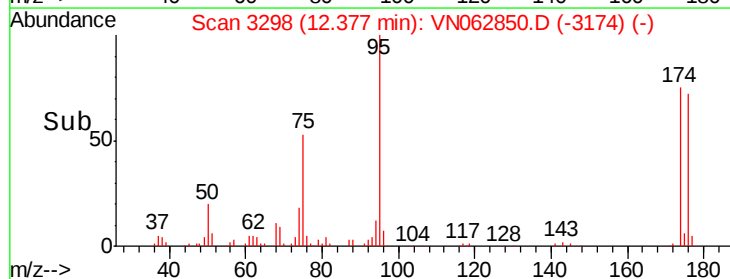
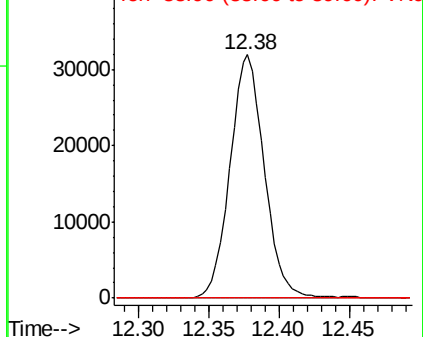
89 0.0 36.2 54.2#

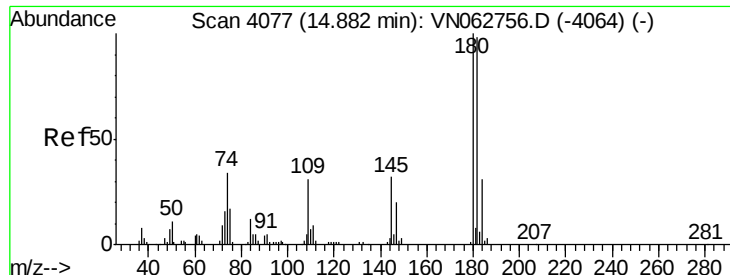


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

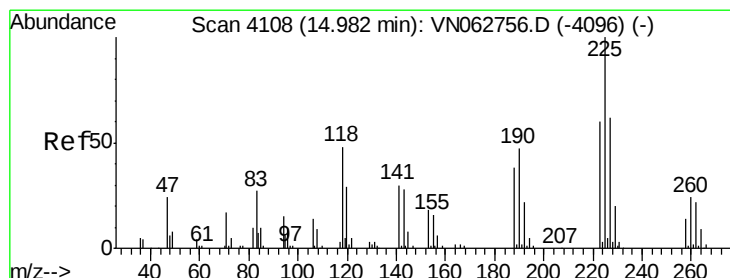
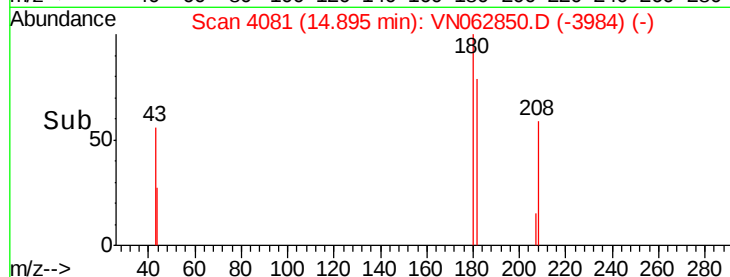
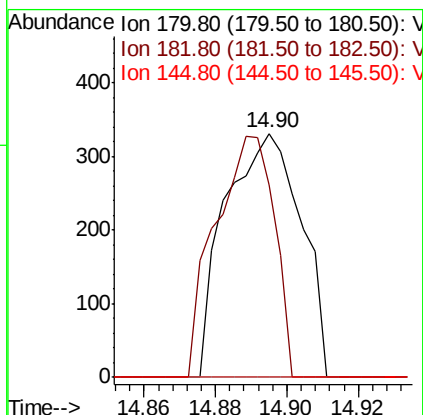
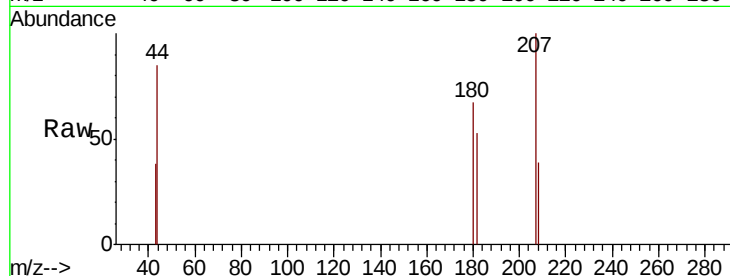




#93
 1,2,4-Trichlorobenzene
 Concen: 3.648 ug/l
 RT: 14.90 min Scan# 4081
 Delta R.T. 0.01 min
 Lab File: VN062850.D
 Acq: 12 Aug 2020 11:49

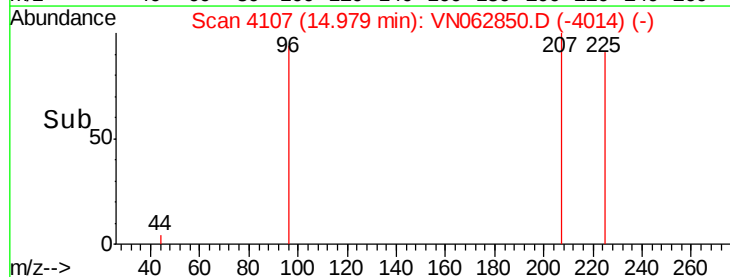
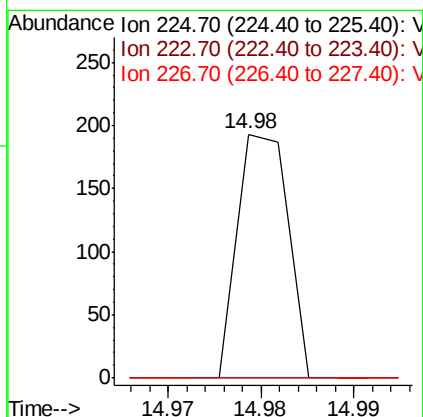
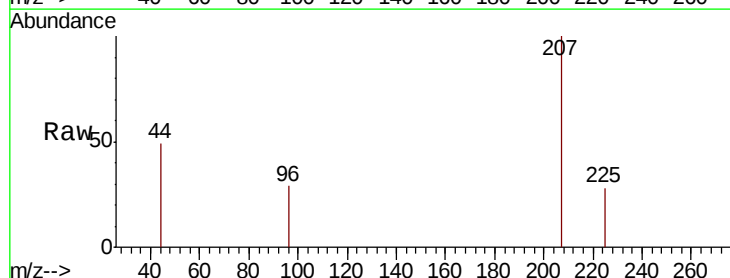
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812MBL01

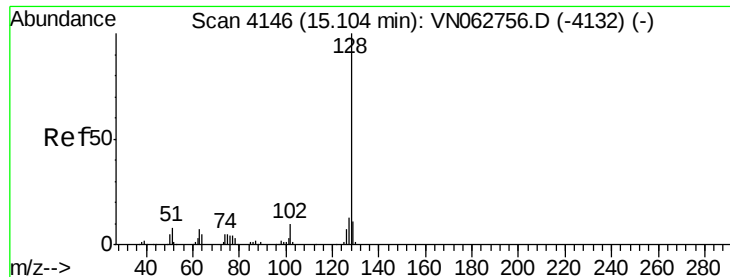
Tot Ion	Ratio	Lower	Upper
180	100		
182	76.9	49.1	147.4
145	0.0	16.3	48.8#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.98 min Scan# 4107
 Delta R.T. -0.00 min
 Lab File: VN062850.D
 Acq: 12 Aug 2020 11:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.6	92.0#
227	0.0	31.6	95.0#





#95

Naphthalene

Concen: 4.364 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062850.D

Acq: 12 Aug 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0812MBL01

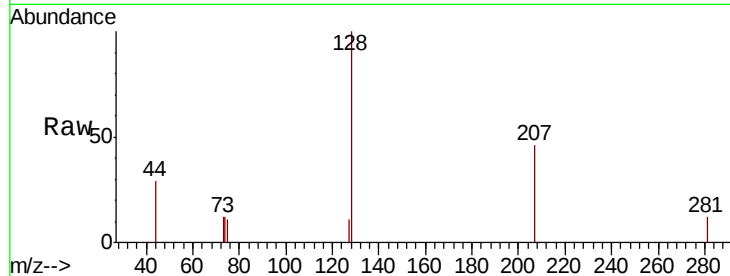
Tot Ion:128 Resp: 2688

Ion Ratio Lower Upper

128 100

127 6.5 10.8 16.2#

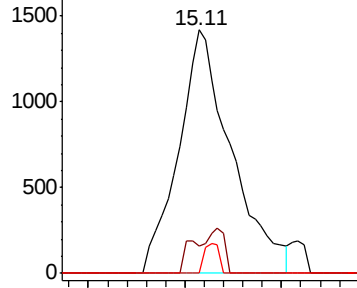
129 3.5 8.8 13.2#



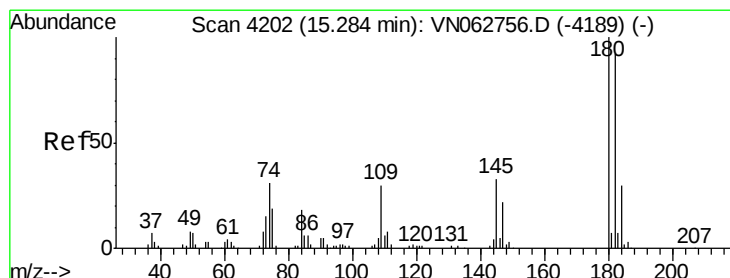
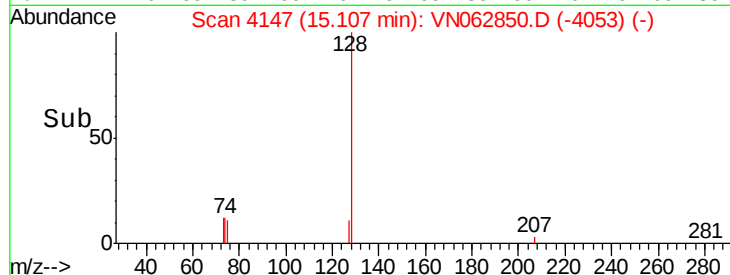
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 3.268 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062850.D

Acq: 12 Aug 2020 11:49

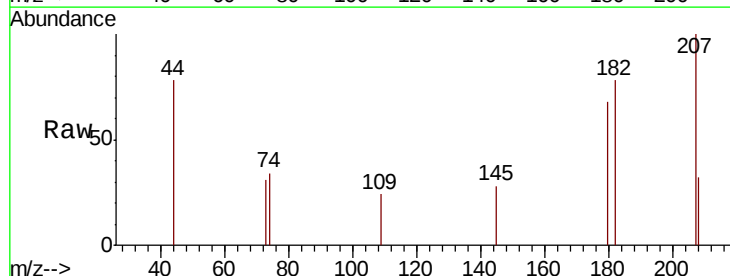
Tgt Ion:180 Resp: 764

Ion Ratio Lower Upper

180 100

182 109.0 47.9 143.6

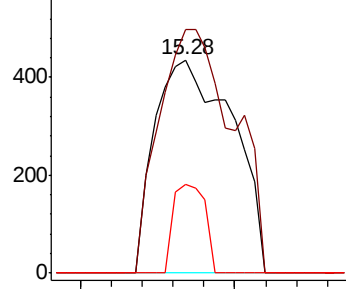
145 16.9 17.3 51.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

