

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059730.D
 Acq On : 16 Jan 2020 14:31
 Operator : JC/MD
 Sample : L1136-04MEDL 10X
 Misc : 7.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB457_200113_23-25MEDL

Quant Time: Jan 17 04:36:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

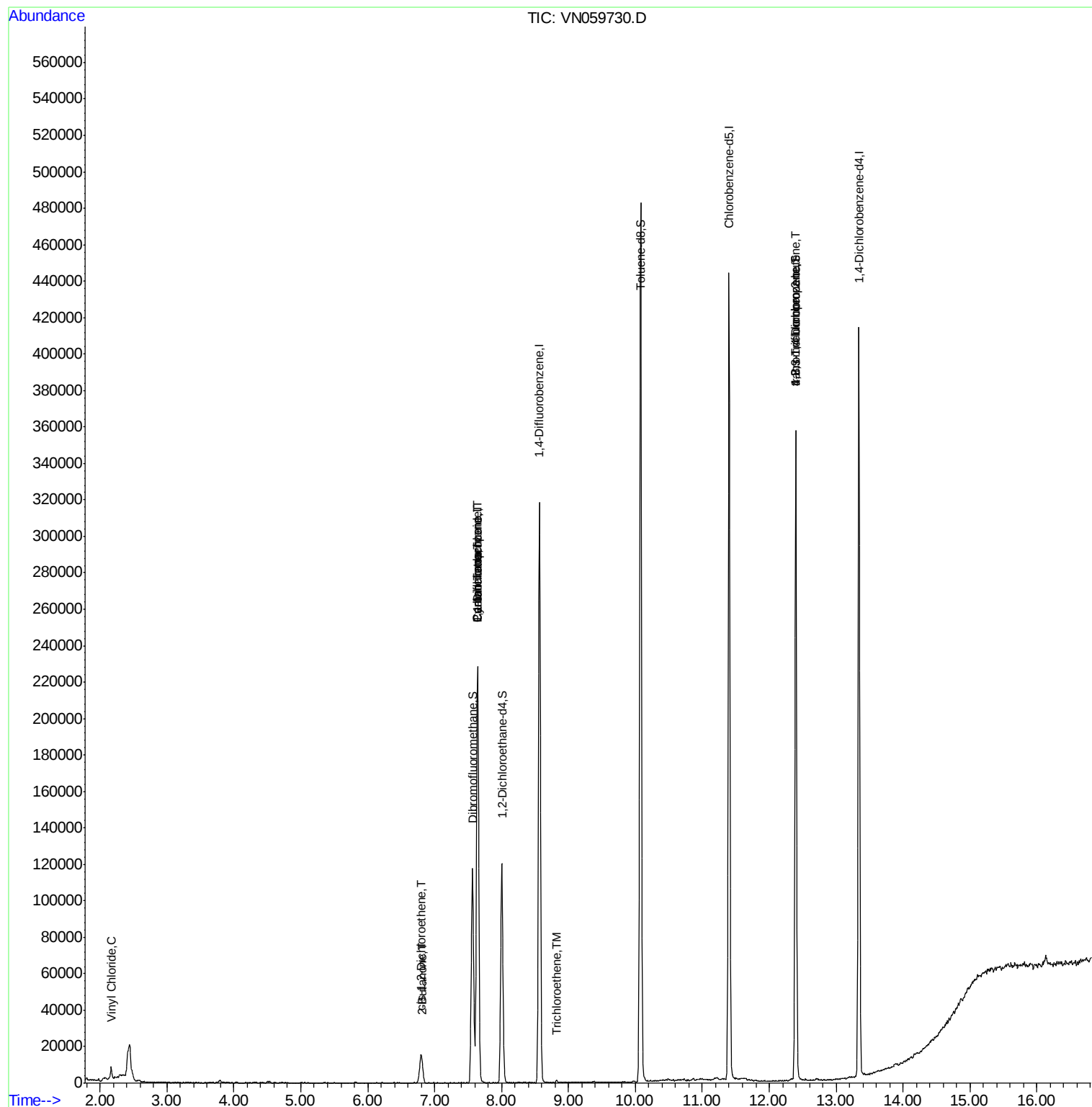
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	300803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	261198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	102872	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
35) Dibromofluoromethane	7.57	113	89736	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.08	98	345881	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	121049	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.17	62	5349	2.026	ug/l	90
16) Acetone	3.79	43	2886	Below Cal		97
20) Methylene Chloride	4.53	84	777	Below Cal	#	70
25) 2-Butanone	6.82	43	747	0.589	ug/l #	50
27) cis-1,2-Dichloroethene	6.80	96	10007	4.439	ug/l	78
31) Cyclohexane	7.64	56	3815	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13264	5.064	ug/l #	51
38) Carbon Tetrachloride	7.64	117	18061	6.338	ug/l #	16
44) Trichloroethene	8.82	130	488	0.229	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	59057	30.989	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	59057	66.549	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.26	75	228	Below Cal	#	6

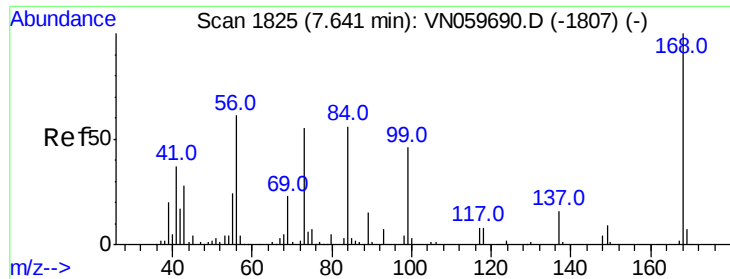
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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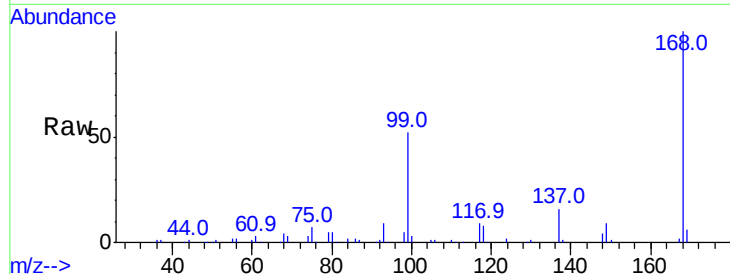




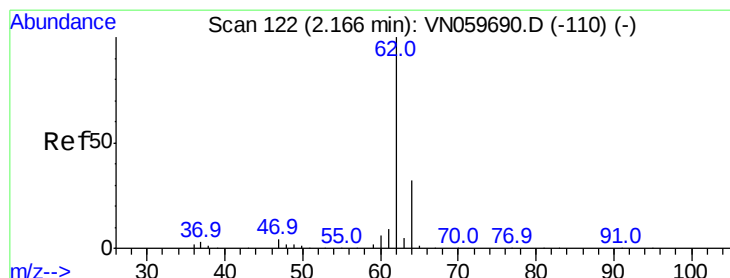
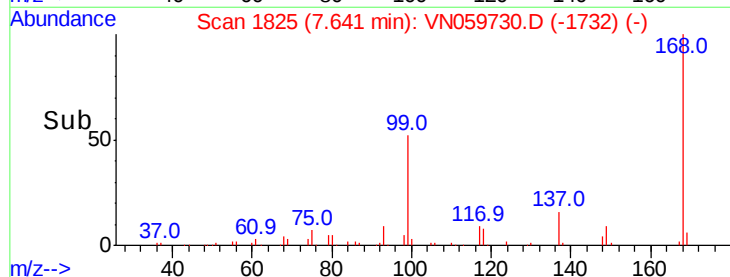
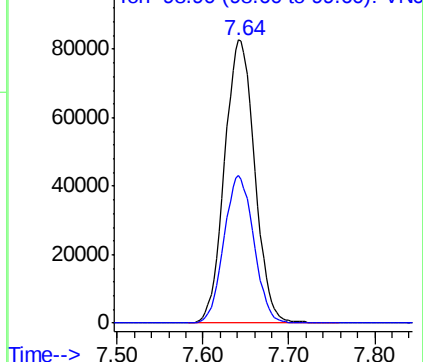
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25MEDL

Tgt Ion: 168 Resp: 201540
Ion Ratio Lower Upper
168 100
99 52.1 48.2 72.4

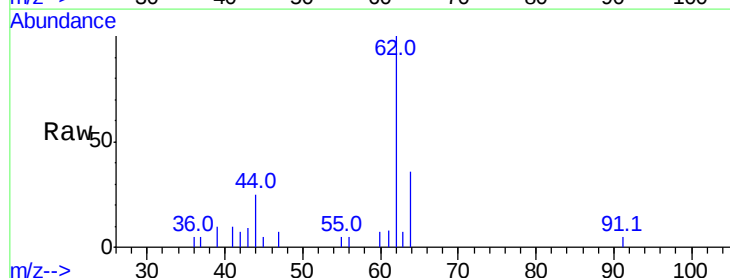


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0

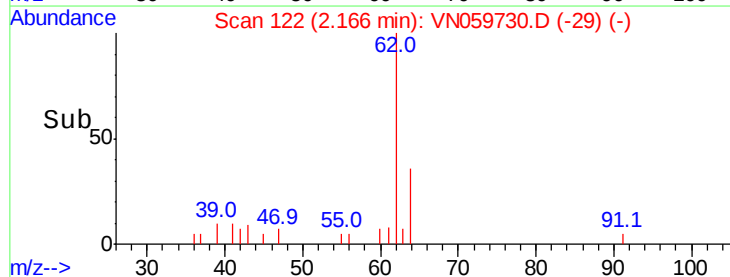
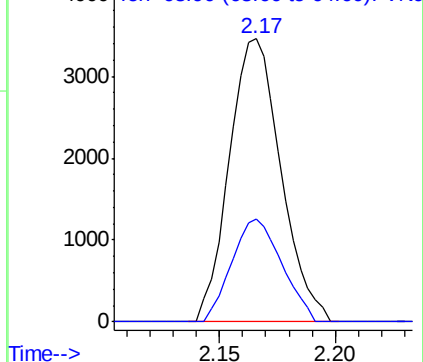


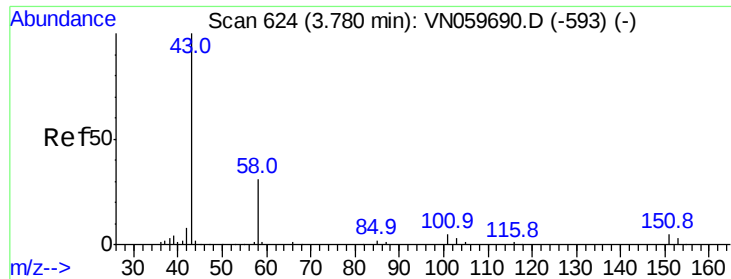
#4
Vinyl Chloride
Concen: 2.026 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Tgt Ion: 62 Resp: 5349
Ion Ratio Lower Upper
62 100
64 36.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 63.90 (63.60 to 64.60): VN0





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059730.D

Acq: 16 Jan 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

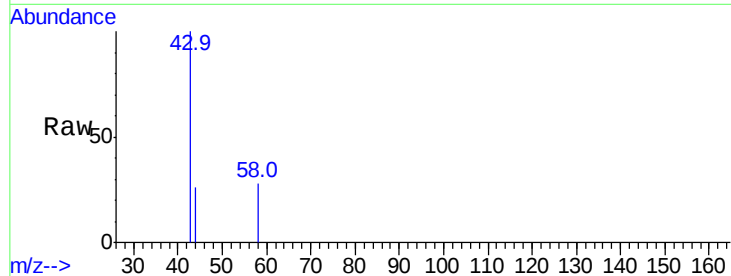
WP022SB457_200113_23-25MEDL

Tgt Ion: 43 Resp: 2886

Ion Ratio Lower Upper

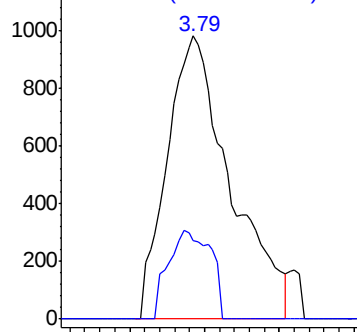
43 100

58 28.0 23.6 35.4

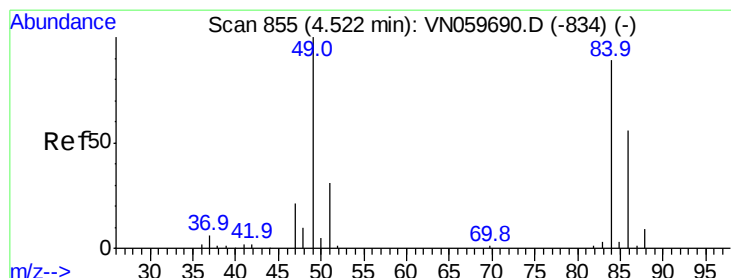
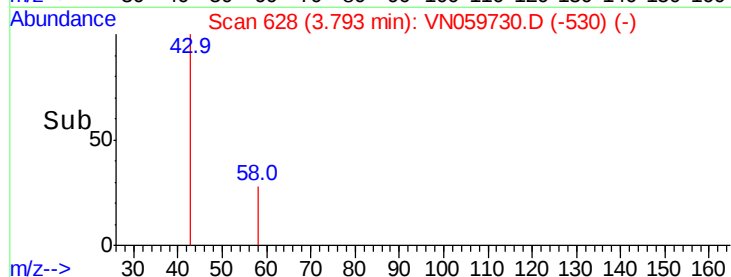


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN059730.D

Acq: 16 Jan 2020 14:31

Tgt Ion: 84 Resp: 777

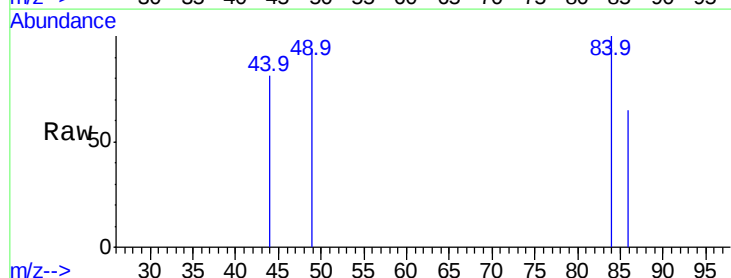
Ion Ratio Lower Upper

84 100

49 93.6 106.6 160.0#

51 0.0 31.9 47.9#

86 65.5 50.8 76.2

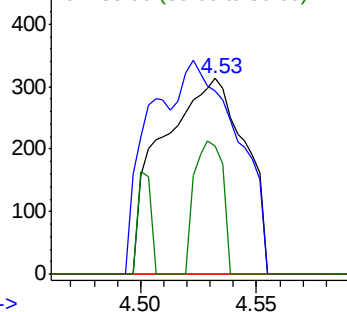


Abundance Ion 83.90 (83.60 to 84.60): VN0

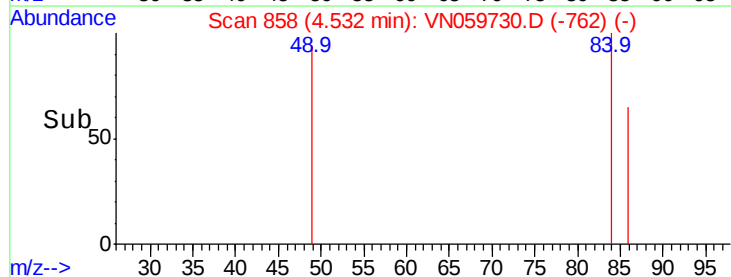
Ion 48.90 (48.60 to 49.60): VN0

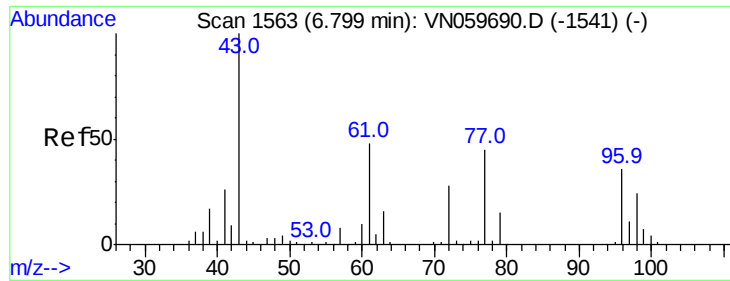
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



Time-->

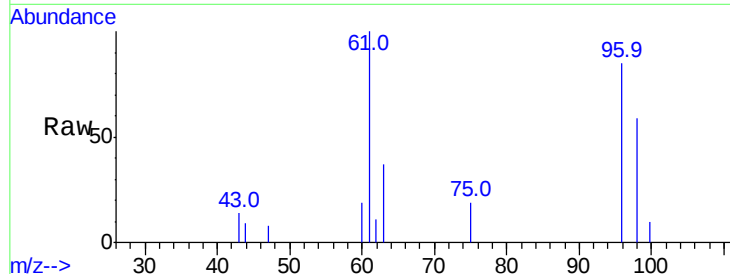




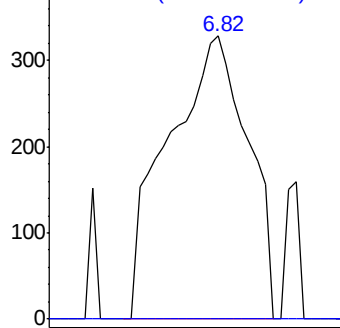
#25
2-Butanone
Concen: 0.589 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.02 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25MEDL

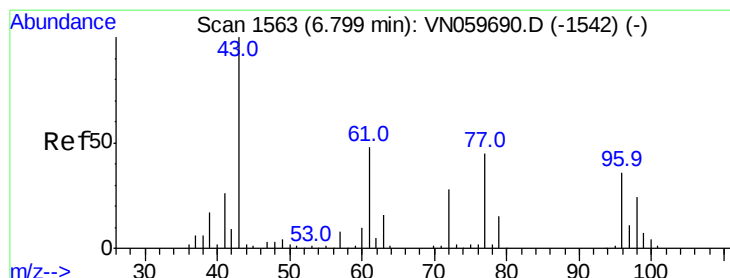
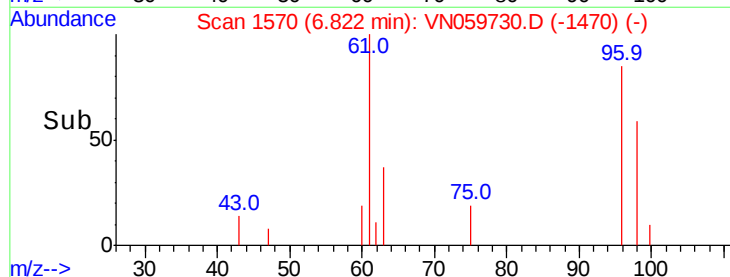
Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

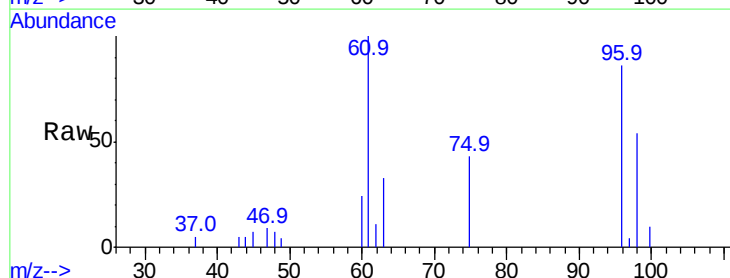


Time-->

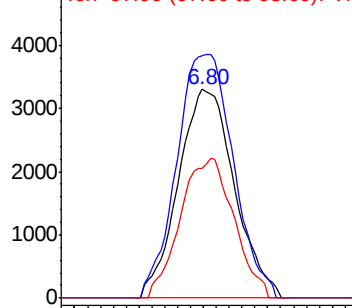


#27
cis-1,2-Dichloroethene
Concen: 4.439 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

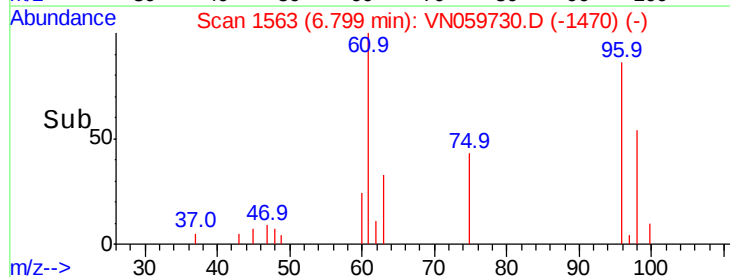
Tgt Ion: 96 Resp: 10007
Ion Ratio Lower Upper
96 100
61 117.9 0.0 317.6
98 63.7 0.0 127.0

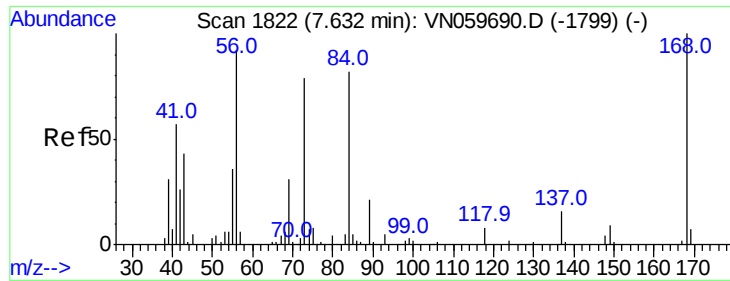


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



Time-->

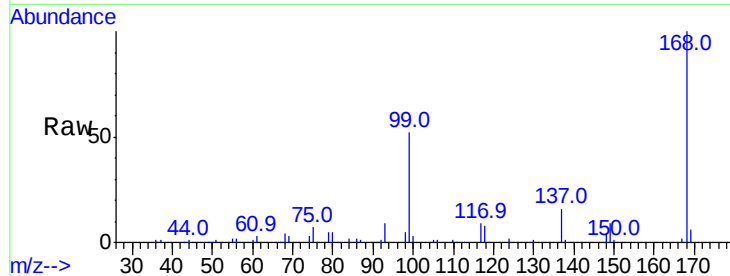




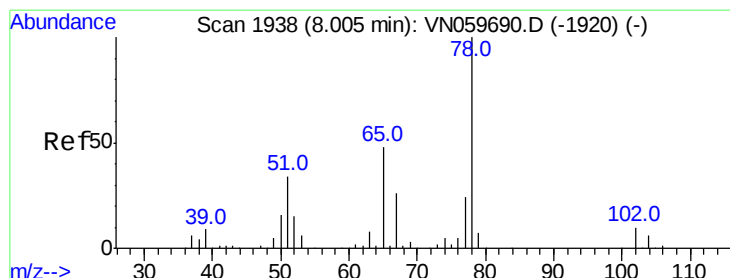
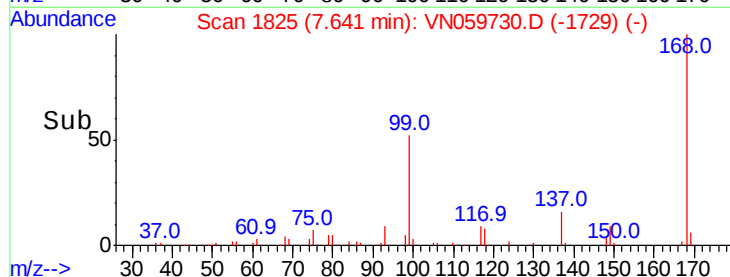
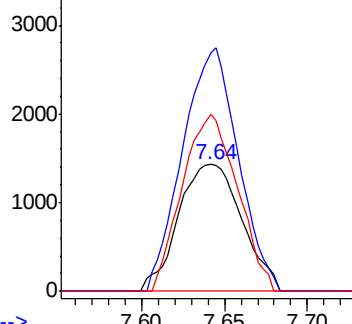
#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25MEDL

Tgt Ion: 56 Resp: 3815
Ion Ratio Lower Upper
56 100
69 187.7 26.5 39.7#
84 139.2 65.3 97.9#

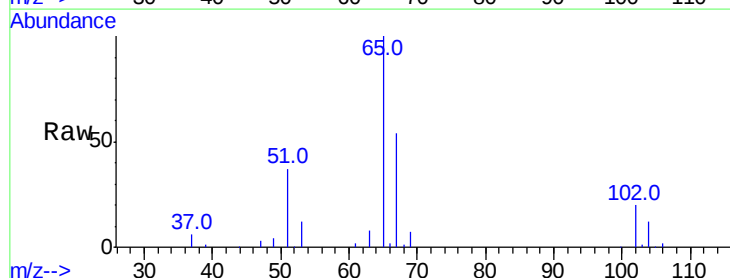


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

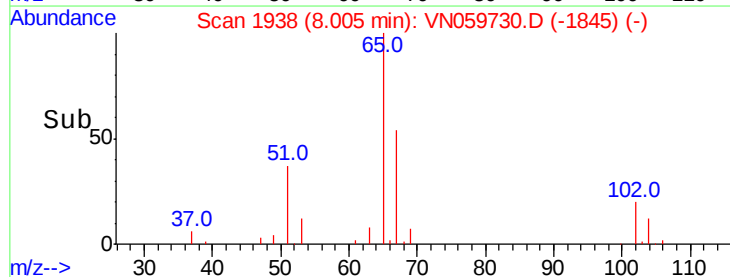
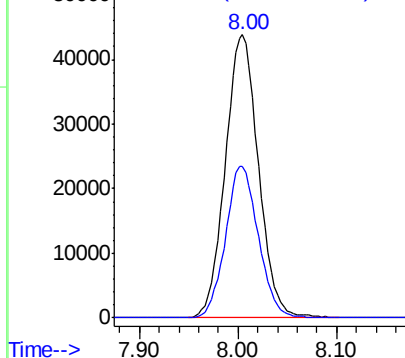


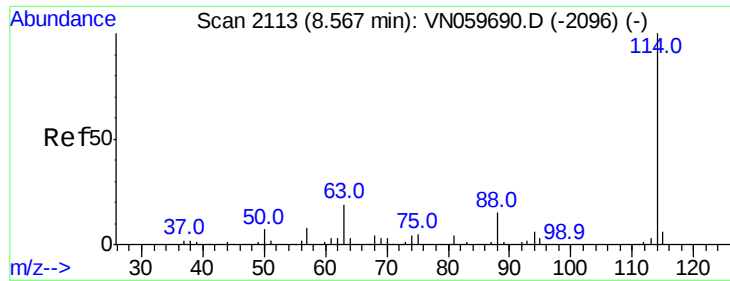
#33
1,2-Dichloroethane-d4
Concen: 45.963 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Tgt Ion: 65 Resp: 102872
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0



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

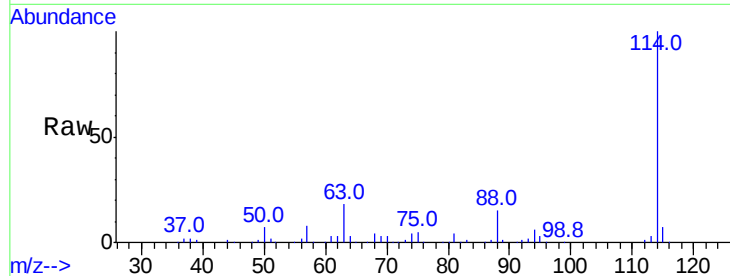




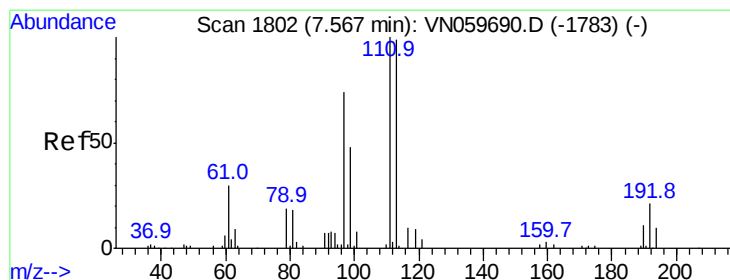
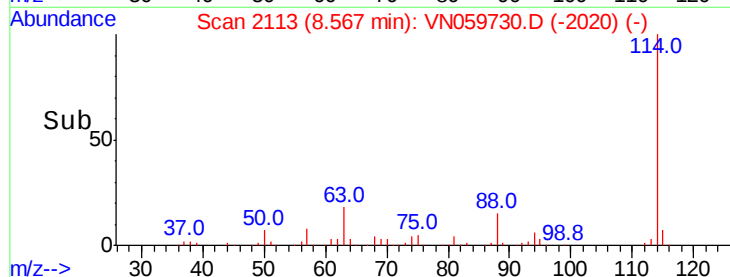
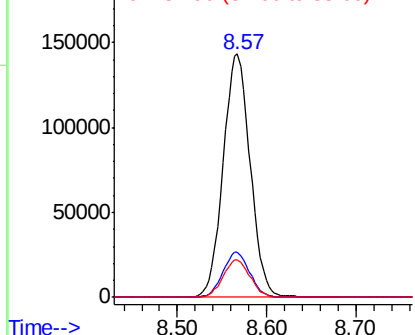
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25MEDL

Tgt Ion:114 Resp: 300803
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.6
88 15.2 0.0 31.4

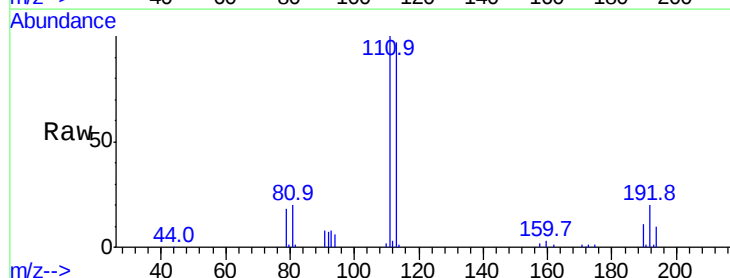


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

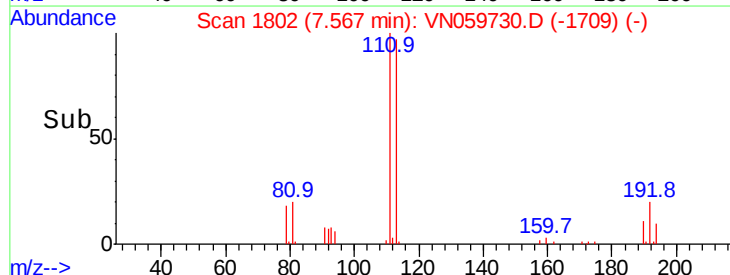
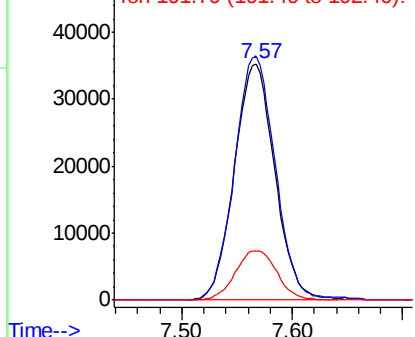


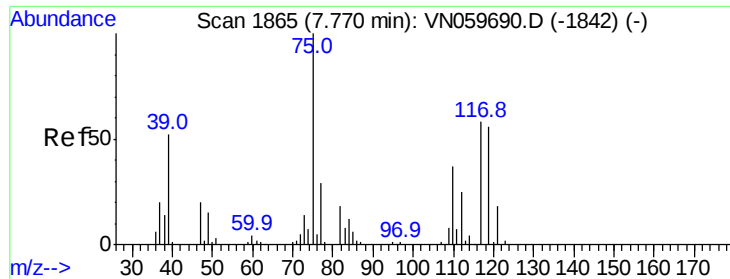
#35
Dibromofluoromethane
Concen: 50.025 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Tgt Ion:113 Resp: 89736
Ion Ratio Lower Upper
113 100
111 103.5 83.5 125.3
192 21.4 15.4 23.2



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

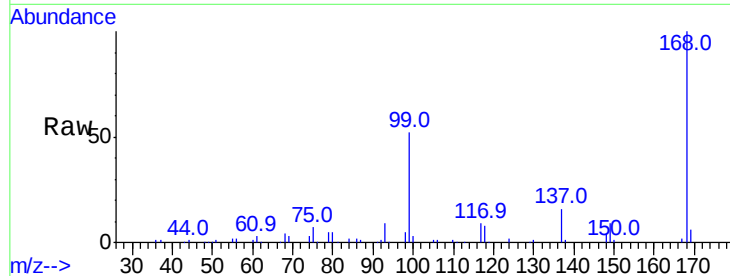




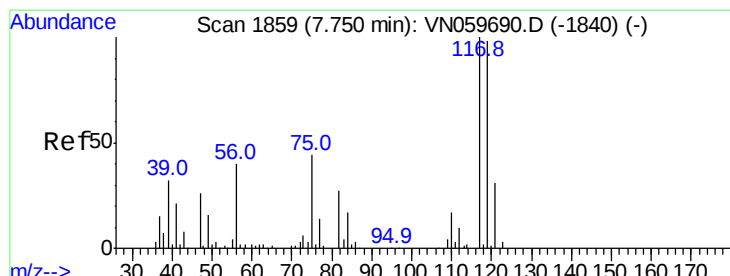
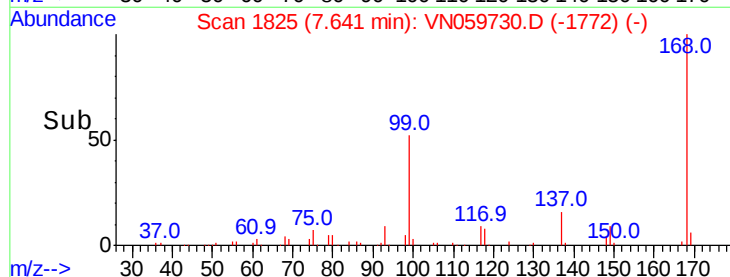
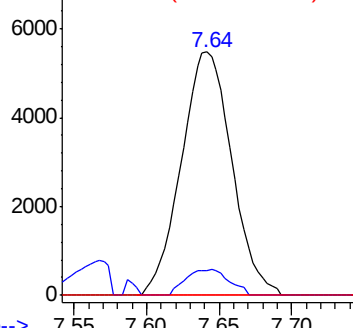
#36
 1,1-Dichloropropene
 Concen: 5.064 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059730.D
 Acq: 16 Jan 2020 14:31

Instrument :
 MSVOA_N
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 WP022SB457_200113_23-25MEDL

Tgt Ion: 75 Resp: 13264
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.6 49.7#
 77 0.0 25.1 37.7#

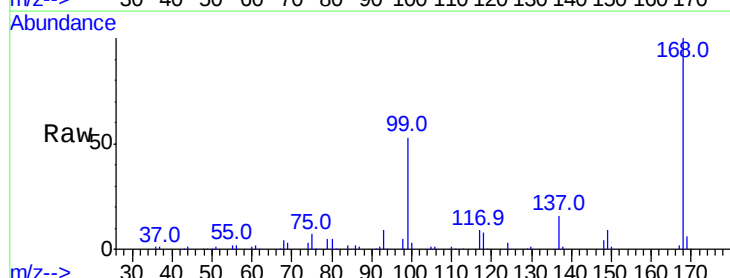


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

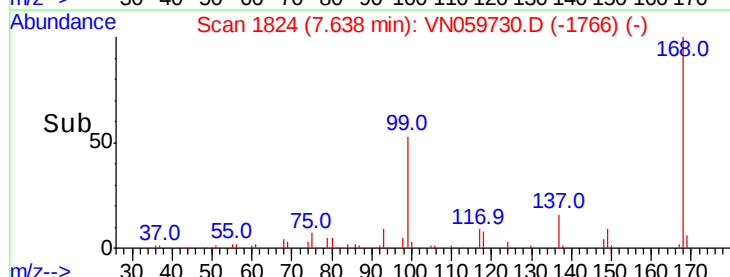
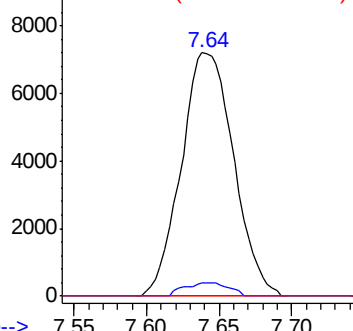


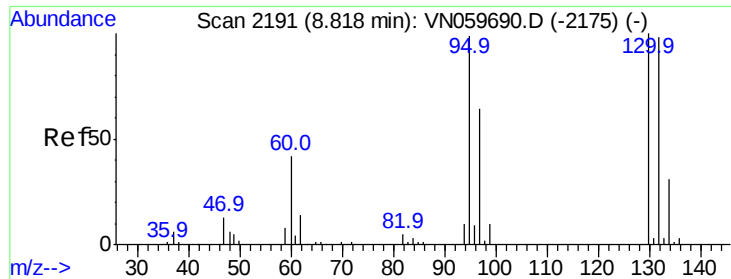
#38
 Carbon Tetrachloride
 Concen: 6.338 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.11 min
 Lab File: VN059730.D
 Acq: 16 Jan 2020 14:31

Tgt Ion: 117 Resp: 18061
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.5 114.7#
 121 0.0 25.1 37.7#



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

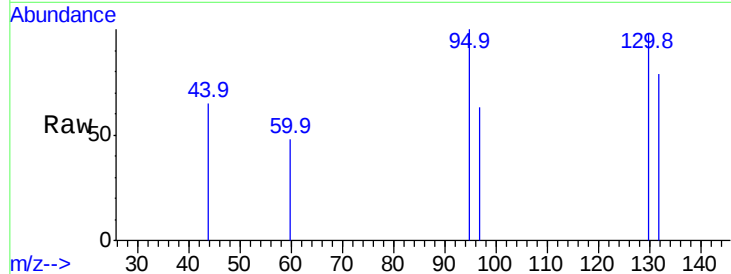




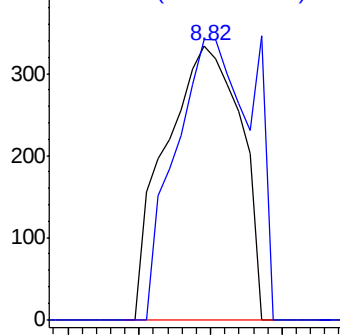
#44
 Trichloroethene
 Concen: 0.229 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: VN059730.D
 Acq: 16 Jan 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB457_200113_23-25MEDL

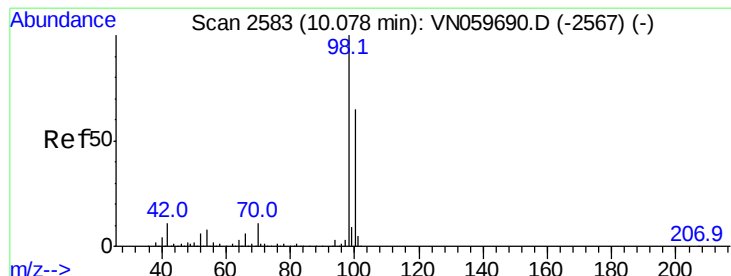
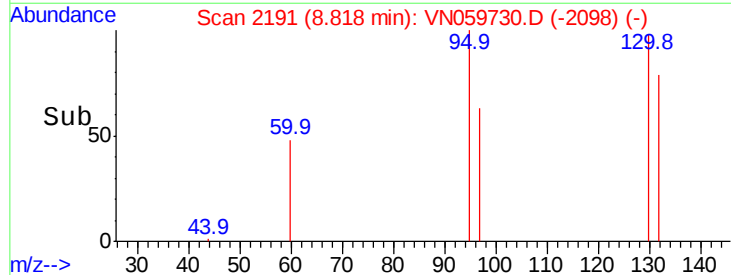
Tgt Ion:130 Resp: 488
 Ion Ratio Lower Upper
 130 100
 95 102.4 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059690.D (-2175) (-)
 Ion 94.90 (94.60 to 95.60): VN059690.D (-2175) (-)

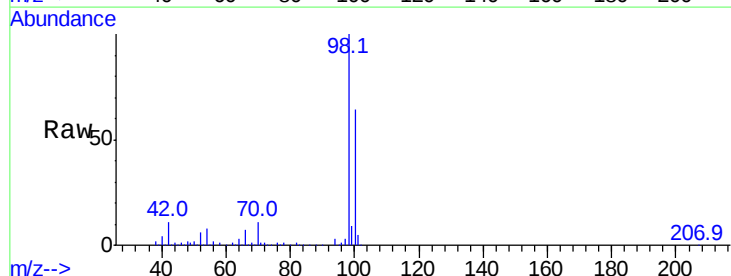


Time--> 8.78 8.80 8.82 8.84

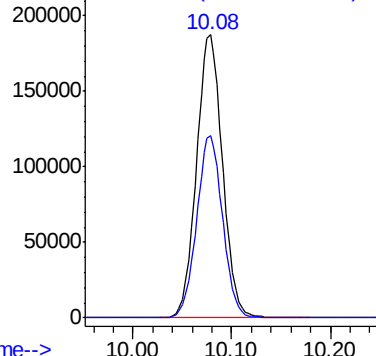


#50
 Toluene-d8
 Concen: 49.766 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN059730.D
 Acq: 16 Jan 2020 14:31

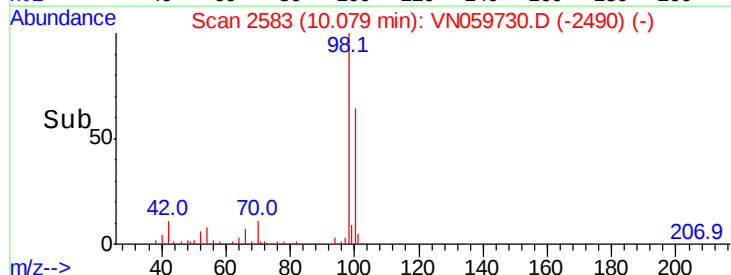
Tgt Ion: 98 Resp: 345881
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.2 76.8

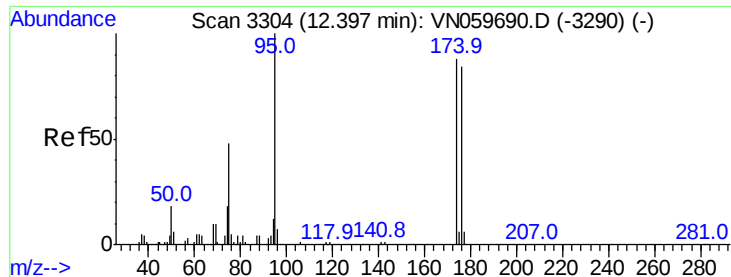


Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)
 Ion 100.00 (99.70 to 100.70): VN059690.D (-2567) (-)



Time--> 10.00 10.10 10.20

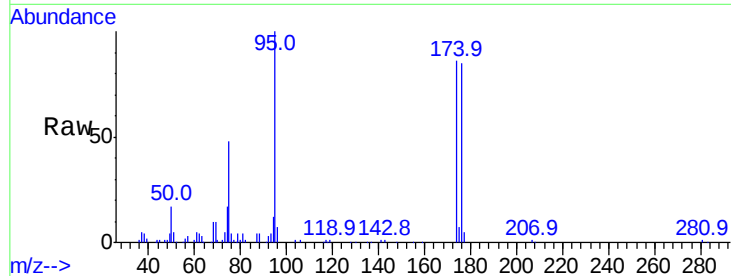




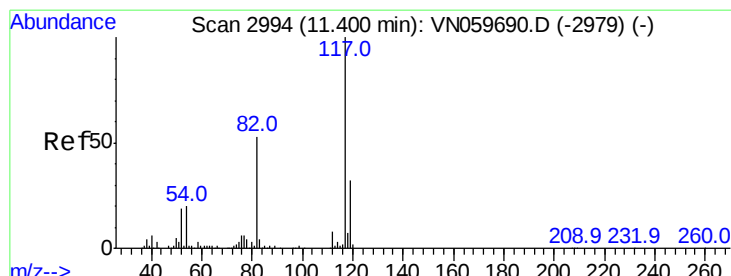
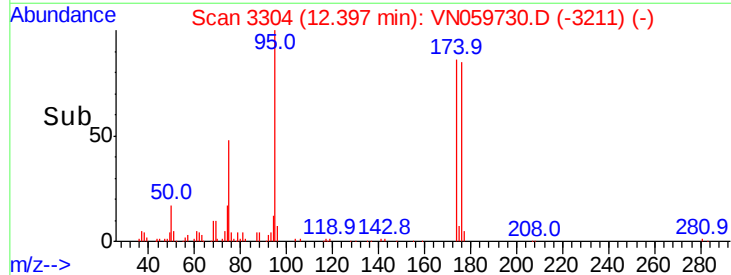
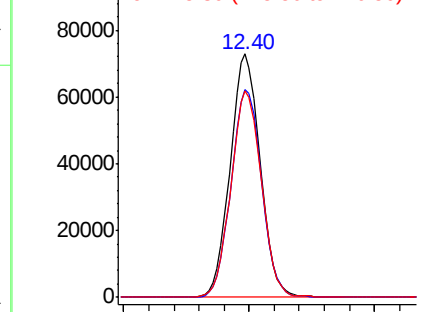
#62
4-Bromofluorobenzene
Concen: 48.313 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25MEDL

Tgt Ion: 95 Resp: 121049
Ion Ratio Lower Upper
95 100
174 86.9 0.0 151.4
176 86.2 0.0 146.0

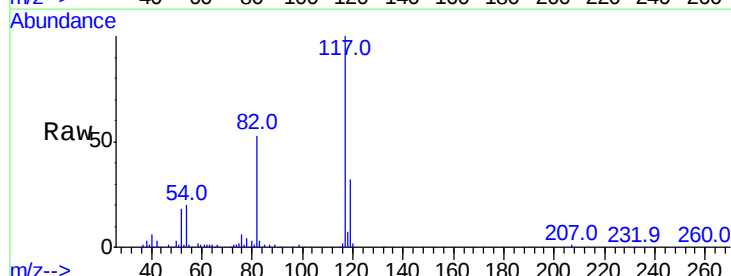


Abundance Ion 94.90 (94.60 to 95.60): VN059690.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN059690.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN059690.D (-3290) (-)

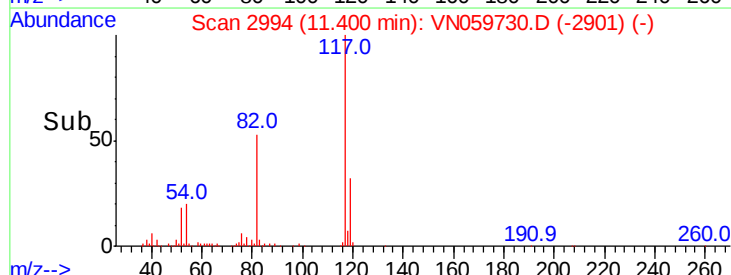
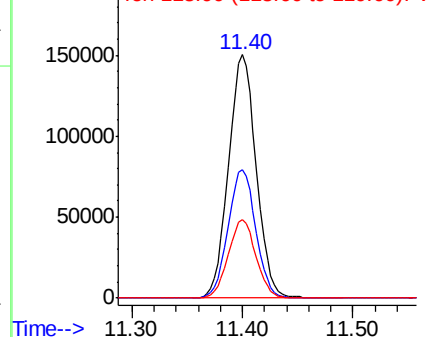


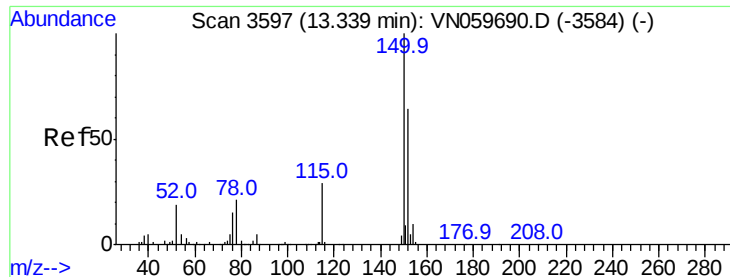
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Tgt Ion: 117 Resp: 261198
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN059690.D (-2979) (-)
Ion 82.00 (81.70 to 82.70): VN059690.D (-2979) (-)
Ion 118.90 (118.60 to 119.60): VN059690.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059730.D

Acq: 16 Jan 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_23-25MEDL

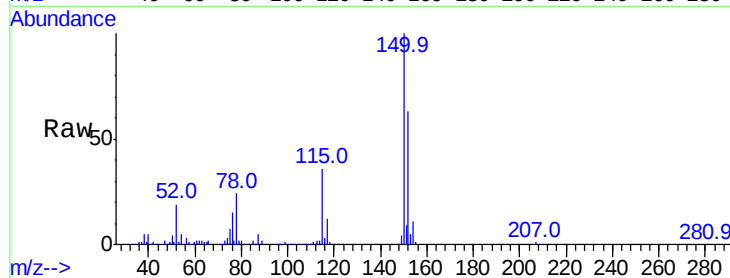
Tgt Ion:152 Resp: 113241

Ion Ratio Lower Upper

152 100

115 57.6 30.3 90.9

150 157.9 0.0 345.2

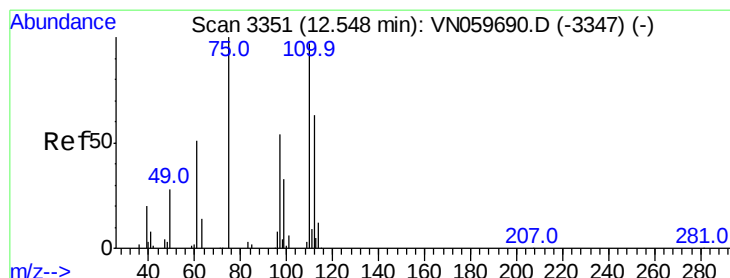
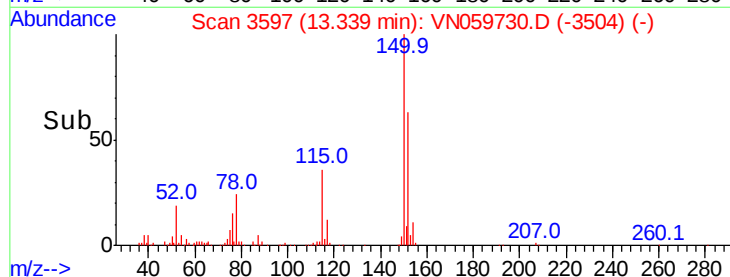
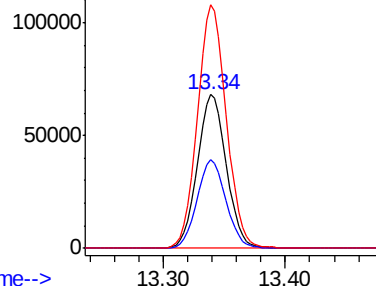


Abundance

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: 30.989 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059730.D

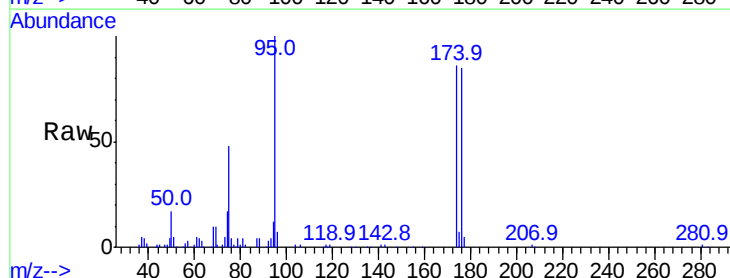
Acq: 16 Jan 2020 14:31

Tgt Ion: 75 Resp: 59057

Ion Ratio Lower Upper

75 100

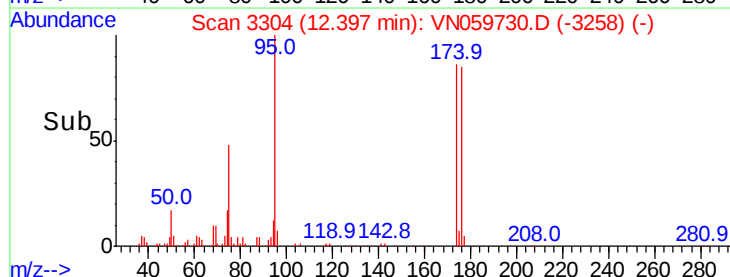
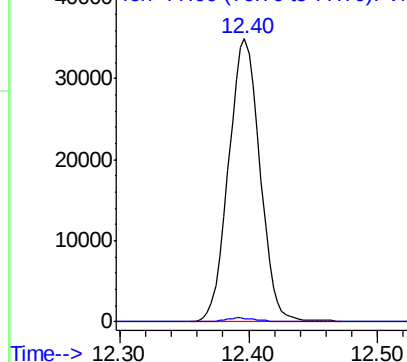
77 1.2 0.0 0.0#

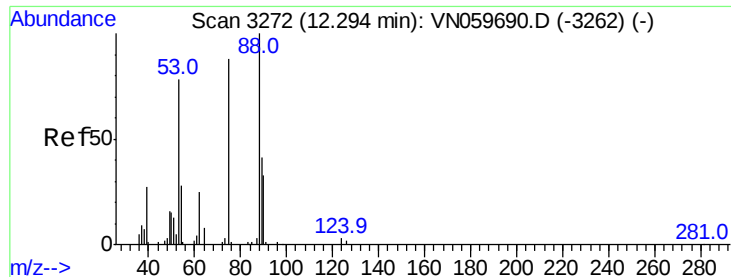


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

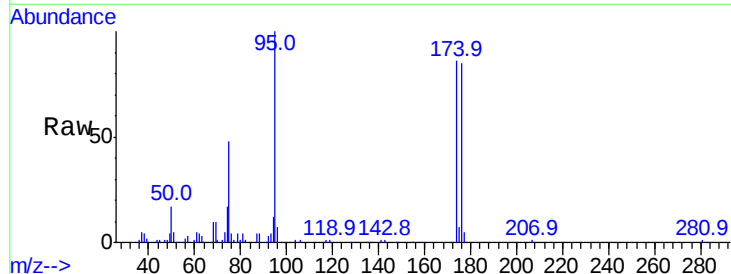




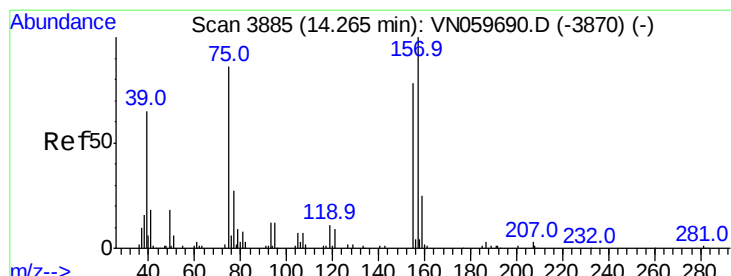
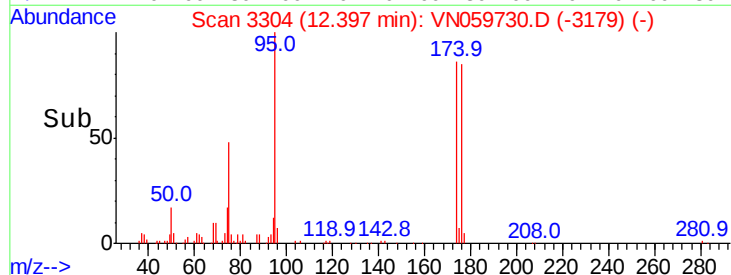
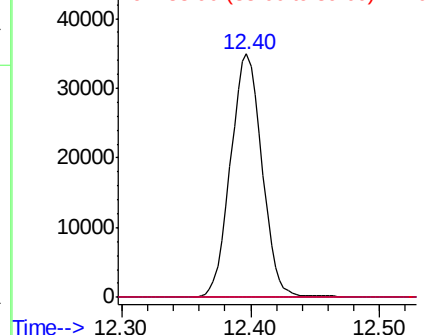
#81
trans-1,4-Dichloro-2-butene
Concen: 66.549 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
WP022SB457_200113_23-25MEDL

Tgt Ion: 75 Resp: 59057
Ion Ratio Lower Upper
75 100
53 0.0 78.1 117.1#
89 0.0 35.4 53.2#

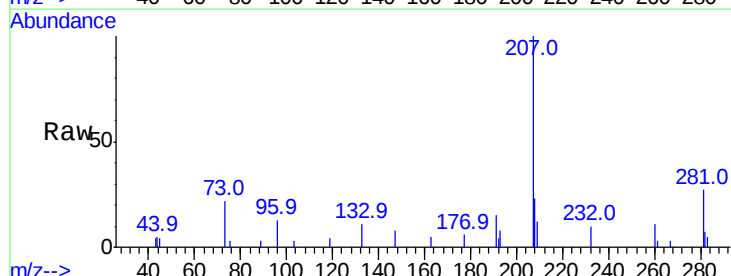


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.26 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VN059730.D
Acq: 16 Jan 2020 14:31

Tgt Ion: 75 Resp: 228
Ion Ratio Lower Upper
75 100
155 0.0 37.0 110.9#
157 0.0 48.4 145.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

