

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061905.D
 Acq On : 18 Jun 2020 17:15
 Operator : JC/MD
 Sample : L3026-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0574

Quant Time: Jun 19 05:27:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	132854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	238673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	91828	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	89744	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
35) Dibromofluoromethane	7.55	113	81028	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
50) Toluene-d8	10.06	98	305330	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.38	95	98574	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	

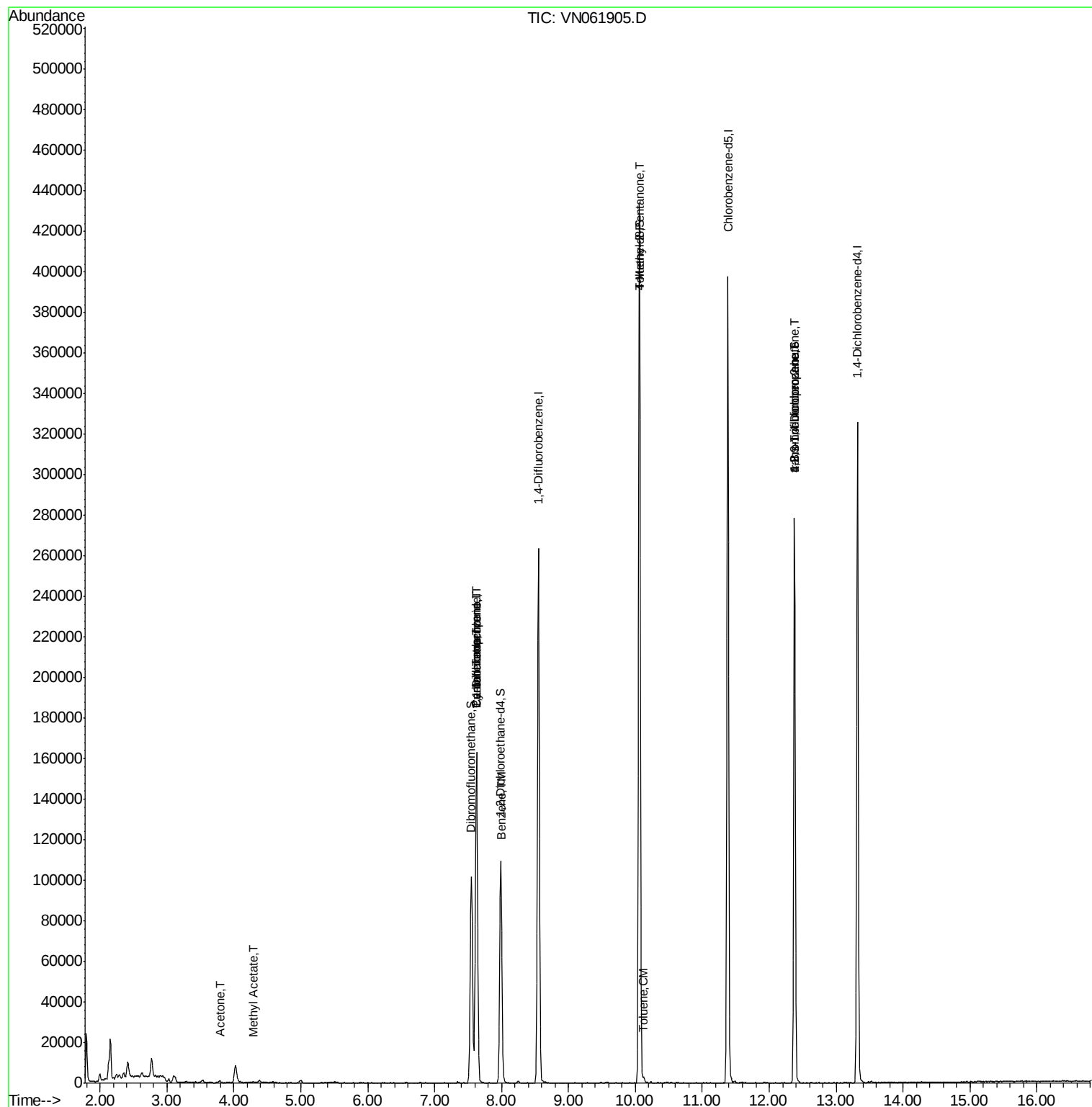
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	1612	3.063	ug/l #	83
18) Methyl Acetate	4.29	43	516	0.341	ug/l #	46
31) Cyclohexane	7.63	56	2780	1.184	ug/l #	35
36) 1,1-Dichloropropene	7.63	75	10637	4.773	ug/l #	45
38) Carbon Tetrachloride	7.63	117	13606	6.166	ug/l #	17
40) Benzene	8.00	78	4550	0.674	ug/l	95
51) 4-Methyl-2-Pentanone	10.06	43	1128	0.651	ug/l #	1
52) Toluene	10.12	92	1128	0.266	ug/l	86
76) 1,2,3-Trichloropropane	12.38	75	49409	27.407	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	49409	74.749	ug/l #	14

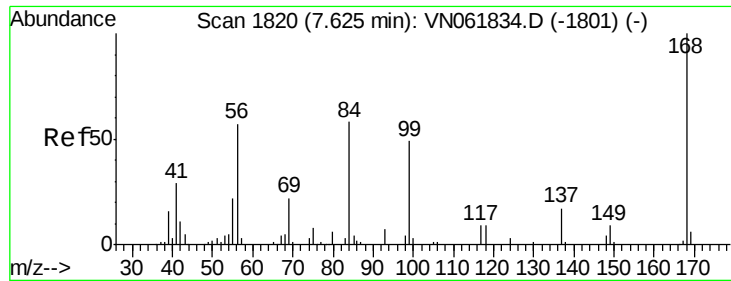
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061820\
Data File : VN061905.D
Acq On : 18 Jun 2020 17:15
Operator : JC/MD
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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S49-0574

Quant Time: Jun 19 05:27:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061905.D

Acq: 18 Jun 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

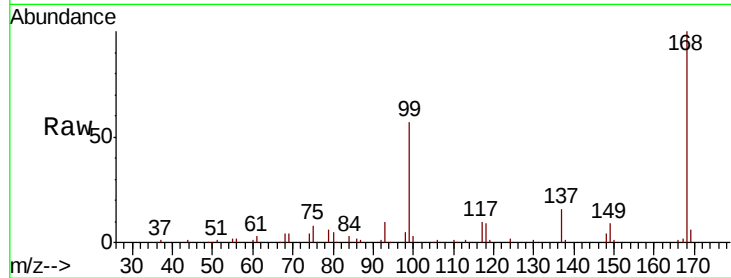
S49-0574

Tot Ion:168 Resp: 132854

Ion Ratio Lower Upper

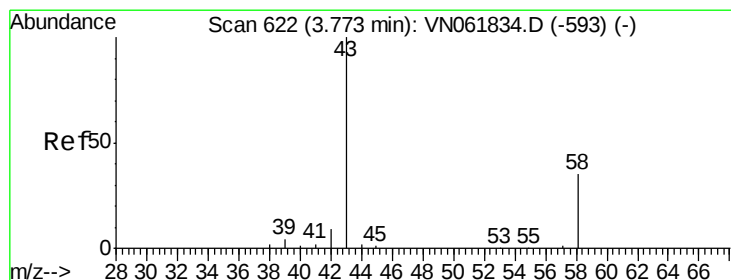
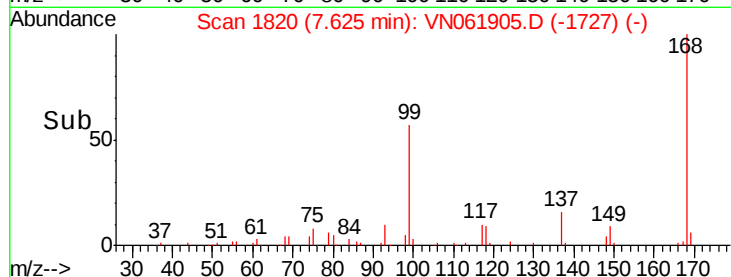
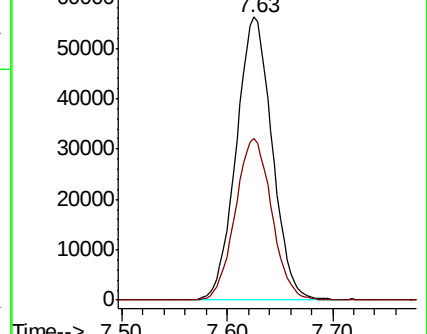
168 100

99 57.0 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 3.063 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.02 min

Lab File: VN061905.D

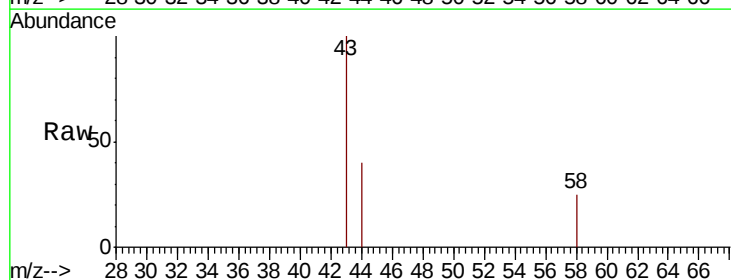
Acq: 18 Jun 2020 17:15

Tgt Ion: 43 Resp: 1612

Ion Ratio Lower Upper

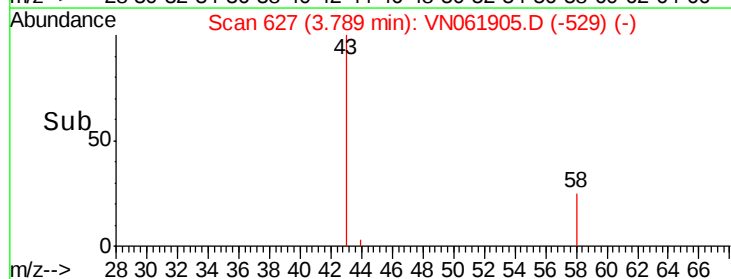
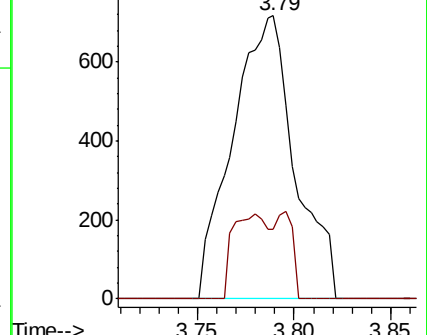
43 100

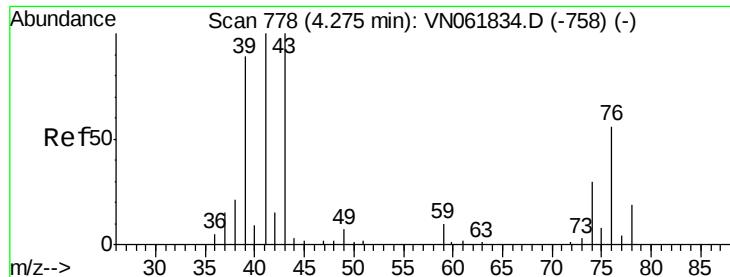
58 24.7 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

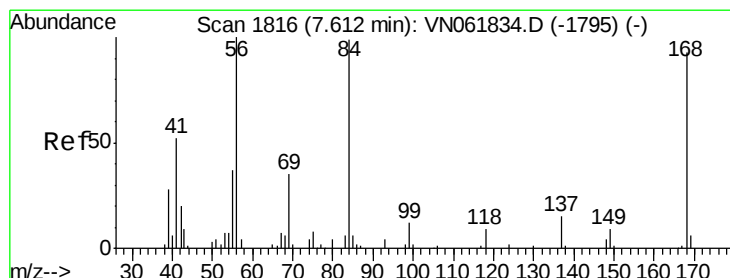
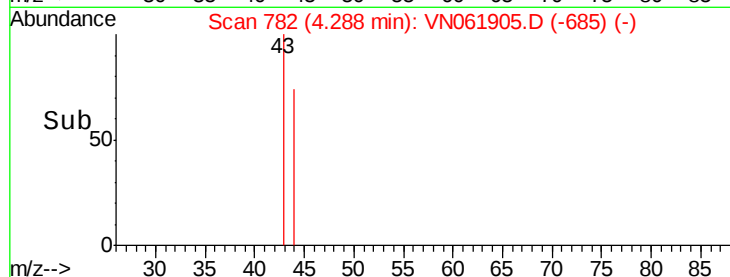
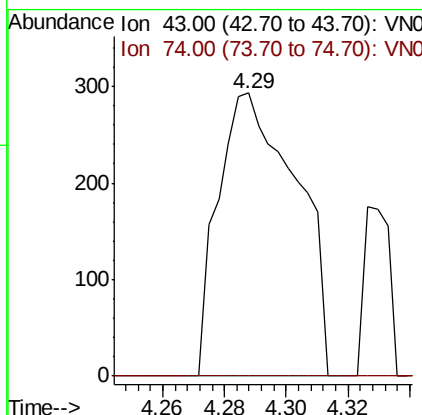
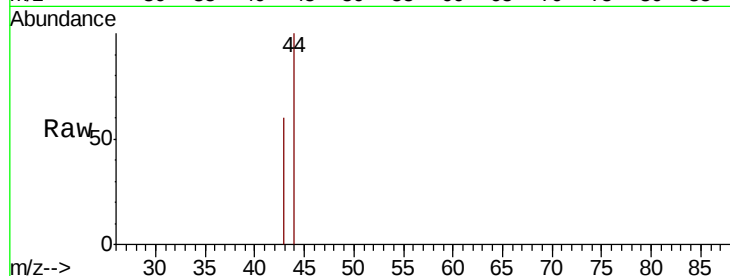




#18
Methvl Acetate
Concen: 0.341 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN061905.D
Acq: 18 Jun 2020 17:15

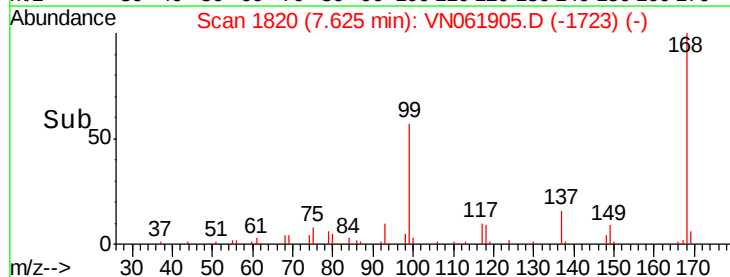
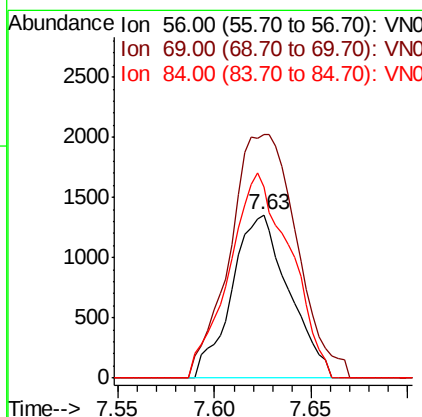
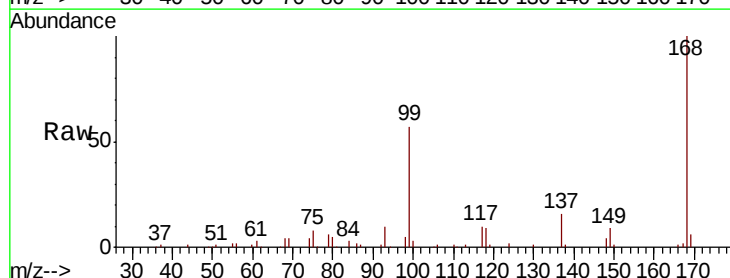
Instrument :
MSVOA_N
ClientSampleId :
S49-0574

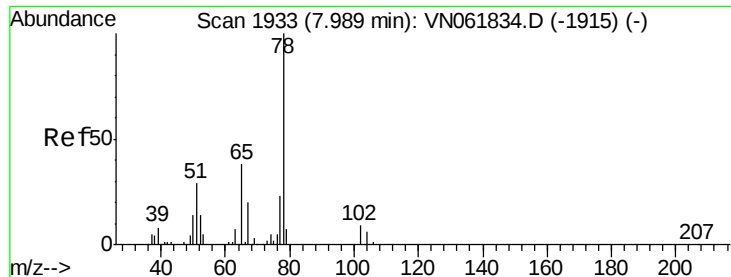
Tot Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.4#



#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061905.D
Acq: 18 Jun 2020 17:15

Tgt Ion: 56 Resp: 2780
Ion Ratio Lower Upper
56 100
69 148.7 27.7 41.5#
84 117.0 79.1 118.7

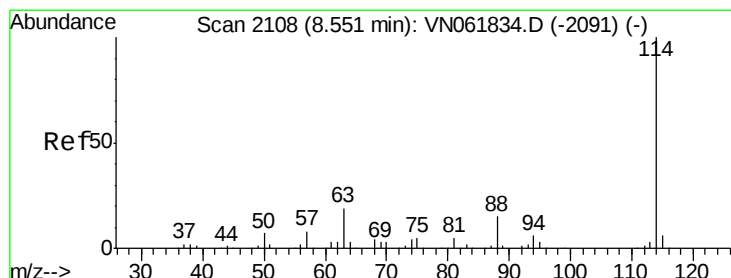
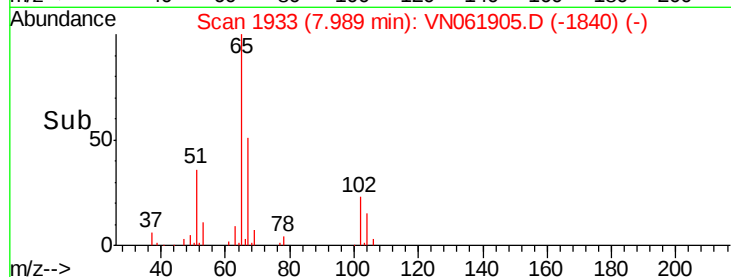
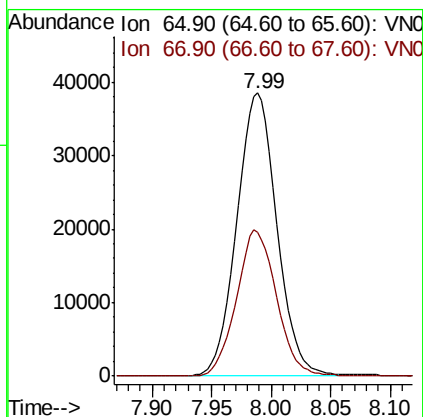
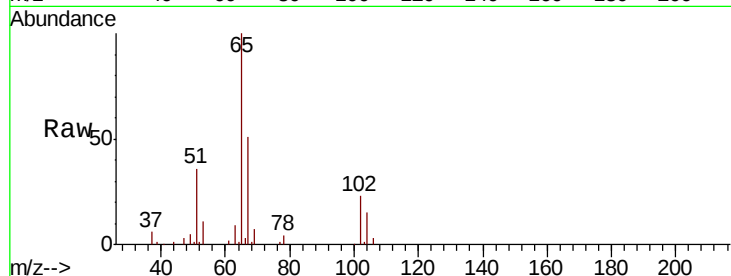




#33
 1,2-Dichloroethane-d4
 Concen: 50.368 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061905.D
 Acq: 18 Jun 2020 17:15

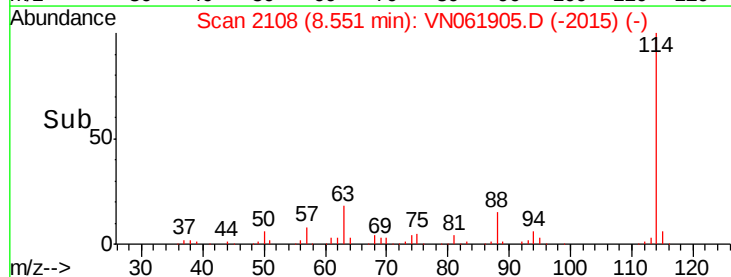
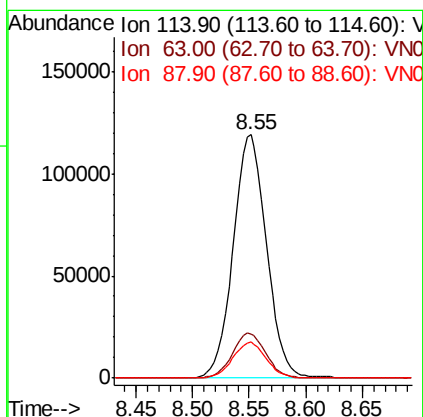
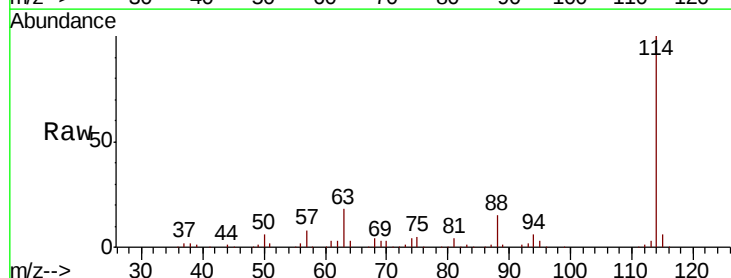
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0574

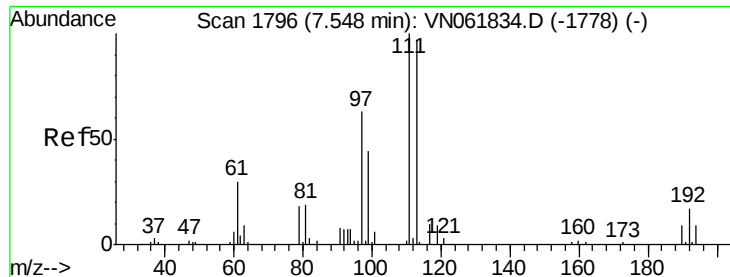
Tot Ion: 65 Resp: 89744
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061905.D
 Acq: 18 Jun 2020 17:15

Tgt Ion: 114 Resp: 244311
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.6
 88 14.8 0.0 31.0

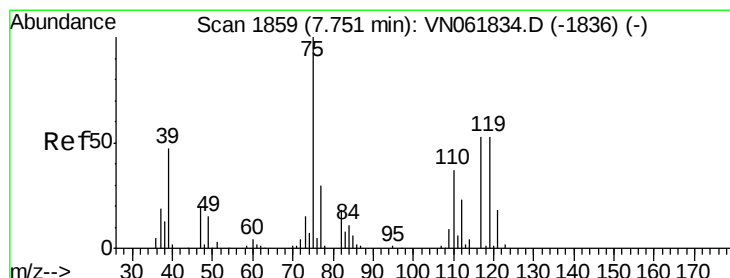
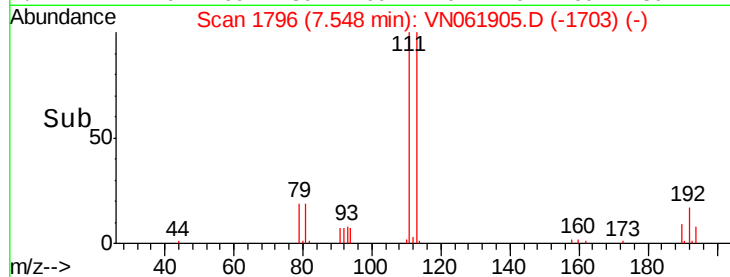
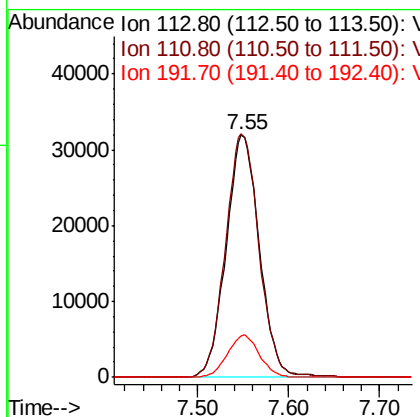
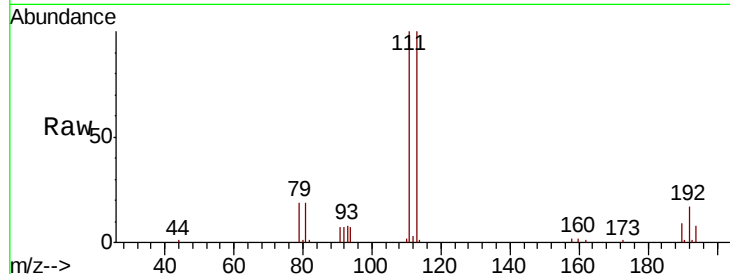




#35
Dibromofluoromethane
Concen: 51.842 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061905.D
Acq: 18 Jun 2020 17:15

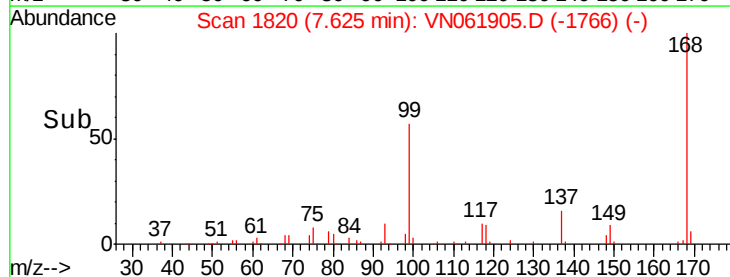
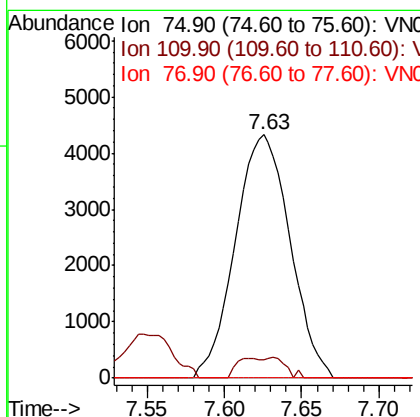
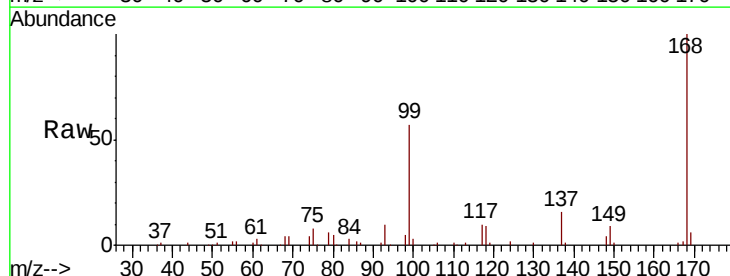
Instrument :
MSVOA_N
ClientSampleId :
S49-0574

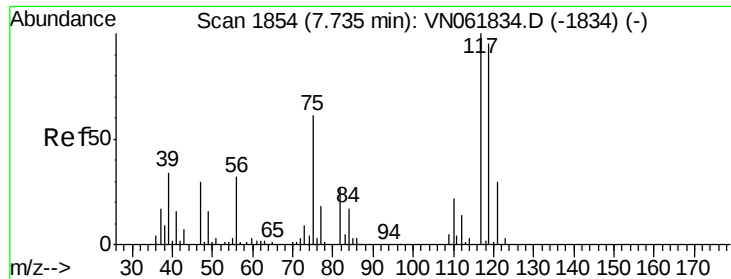
Tot Ion:113 Resp: 81028
Ion Ratio Lower Upper
113 100
111 101.3 83.7 125.5
192 16.8 13.9 20.9



#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN061905.D
Acq: 18 Jun 2020 17:15

Tgt Ion: 75 Resp: 10637
Ion Ratio Lower Upper
75 100
110 4.0 18.2 54.6#
77 0.0 24.2 36.4#

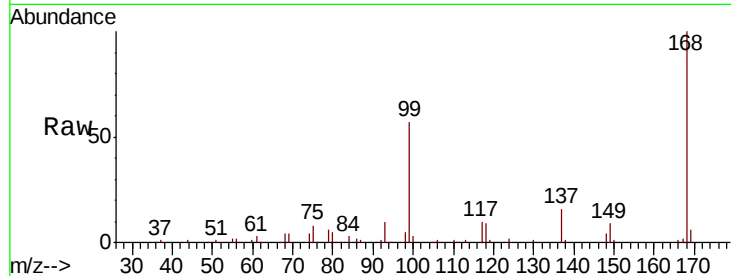




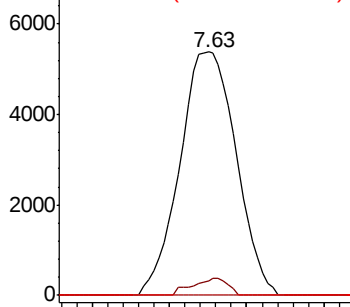
#38
Carbon Tetrachloride
Concen: 6.166 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061905.D
Acq: 18 Jun 2020 17:15

Instrument :
MSVOA_N
ClientSampled :
S49-0574

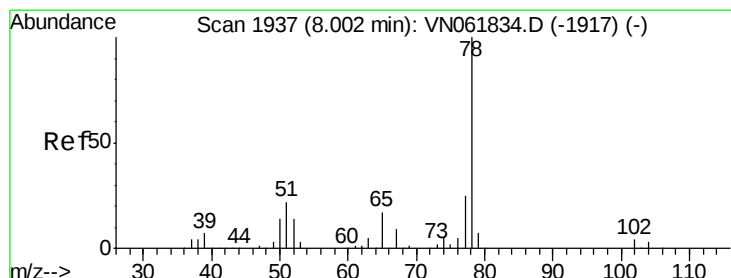
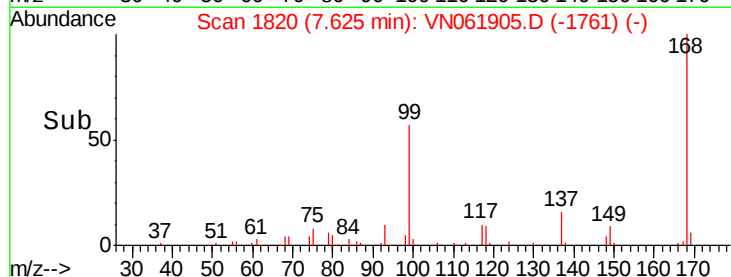
Tot Ion:117 Resp: 13606
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 23.8 35.6#



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

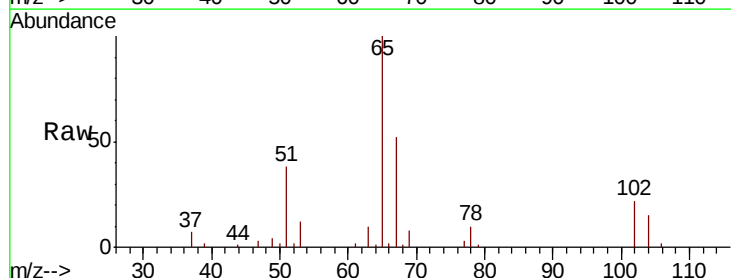


Time-->

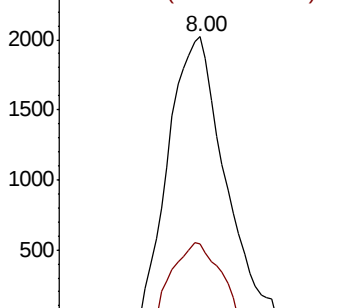


#40
Benzene
Concen: 0.674 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061905.D
Acq: 18 Jun 2020 17:15

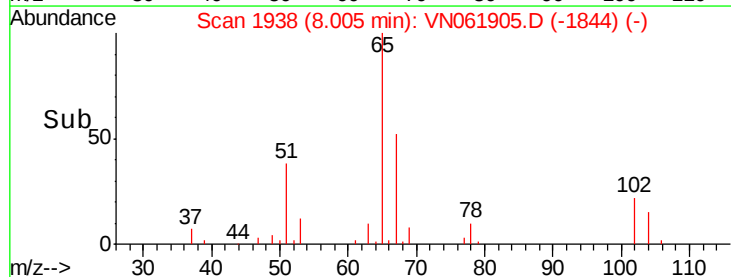
Tgt Ion: 78 Resp: 4550
Ion Ratio Lower Upper
78 100
77 26.9 19.7 29.5

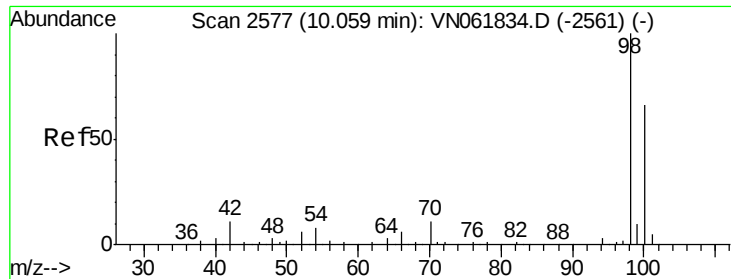


Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V



Time-->





#50

Toluene-d8

Concen: 49.690 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061905.D

Acq: 18 Jun 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

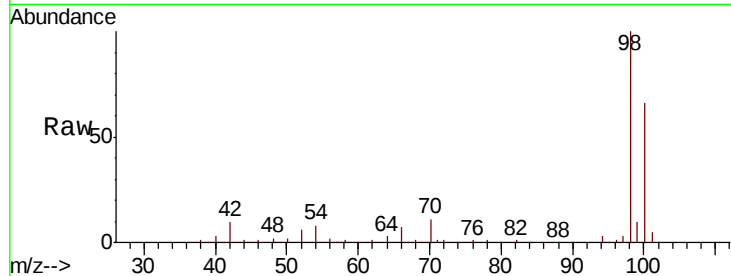
S49-0574

Tot Ion: 98 Resp: 305330

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

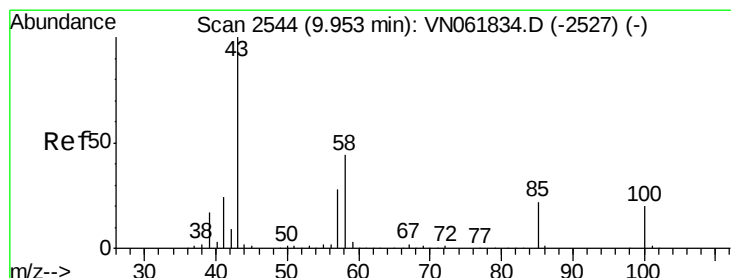
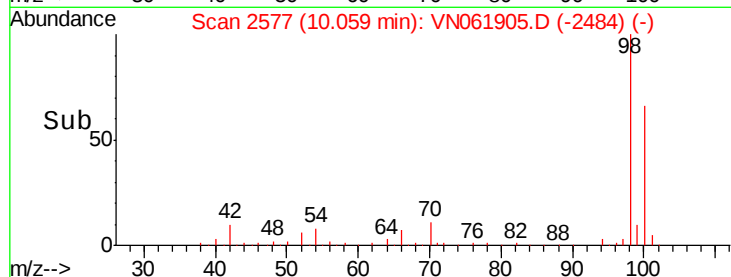
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.651 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061905.D

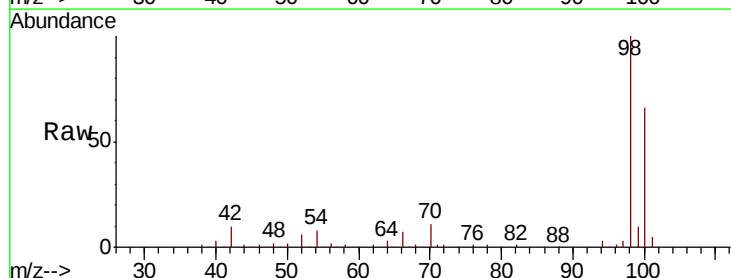
Acq: 18 Jun 2020 17:15

Tgt Ion: 43 Resp: 1128

Ion Ratio Lower Upper

43 100

58 201.3 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

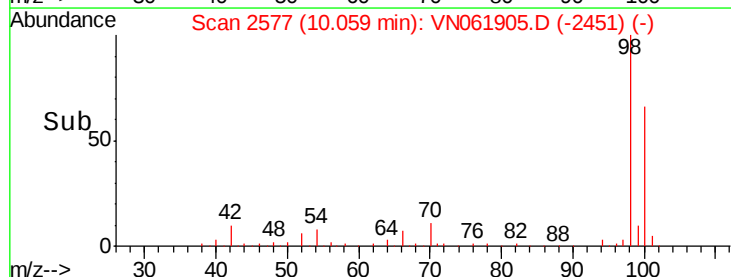
1500

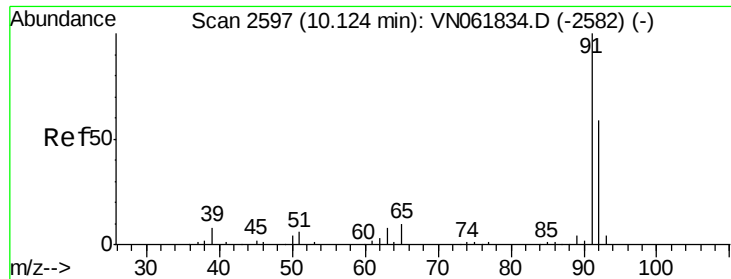
1000

500

0

Time-->





#52

Toluene

Concen: 0.266 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061905.D

Acq: 18 Jun 2020 17:15

Instrument :

MSVOA_N

ClientSampled :

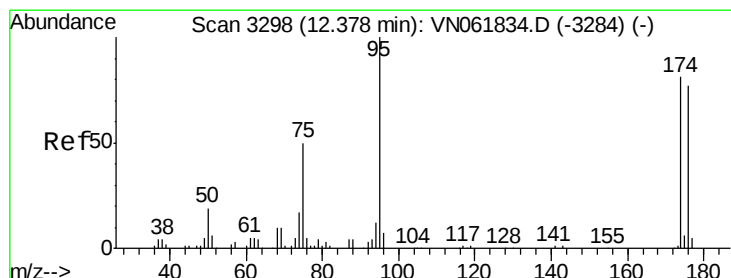
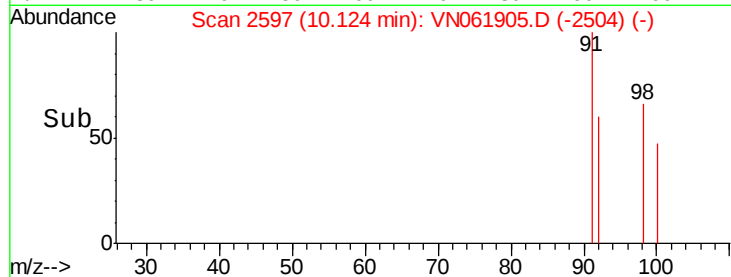
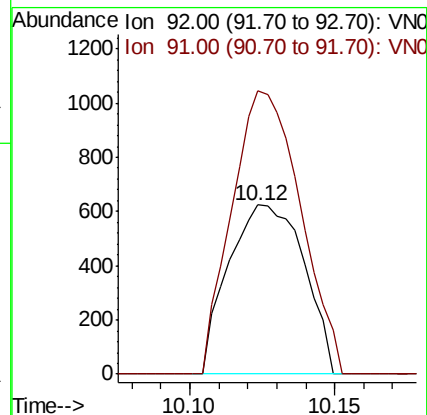
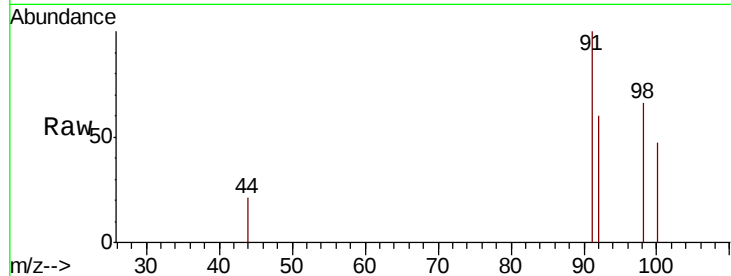
S49-0574

Tot Ion: 92 Resp: 1128

Ion Ratio Lower Upper

92 100

91 152.3 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 46.768 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061905.D

Acq: 18 Jun 2020 17:15

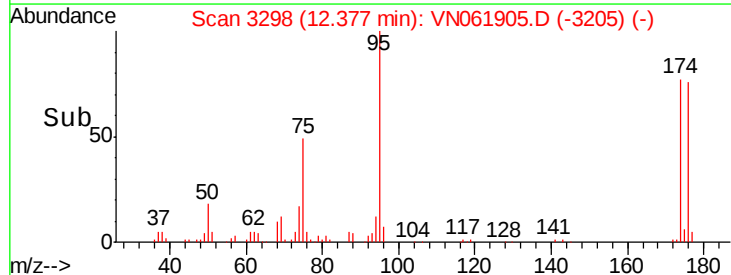
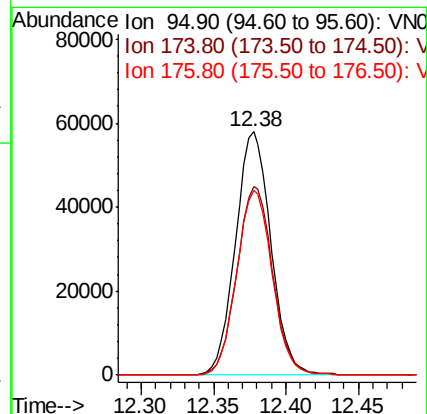
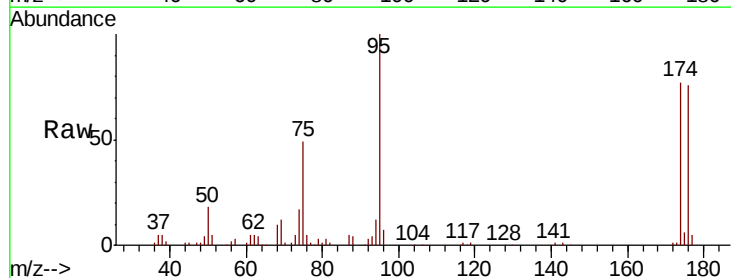
Tgt Ion: 95 Resp: 98574

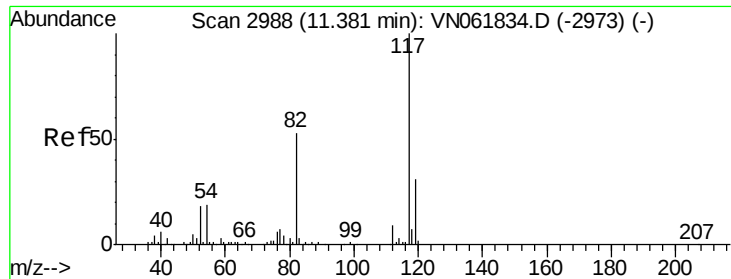
Ion Ratio Lower Upper

95 100

174 78.2 0.0 158.6

176 76.3 0.0 152.0

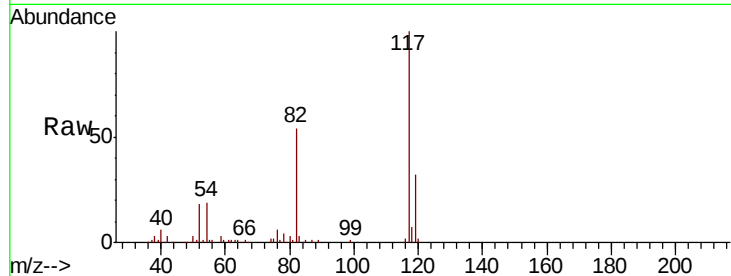




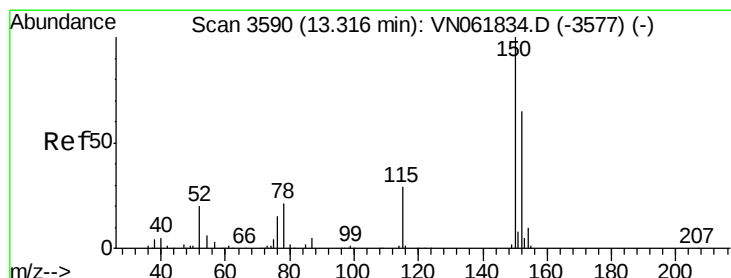
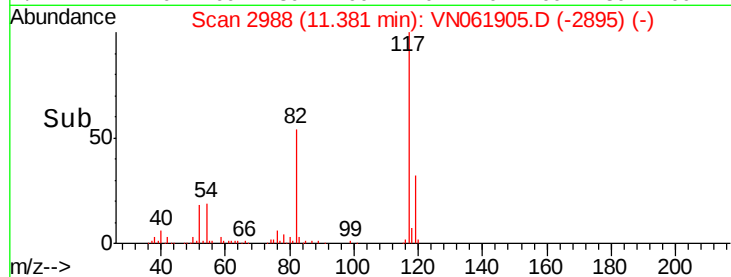
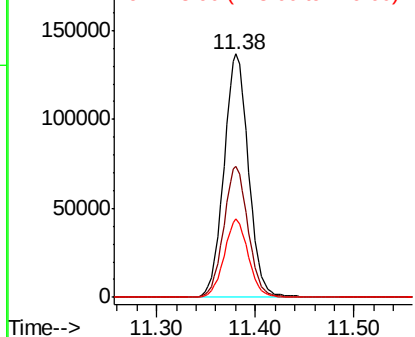
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061905.D
Acq: 18 Jun 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
S49-0574

Tot Ion:117 Resp: 238673
Ion Ratio Lower Upper
117 100
82 53.7 42.6 64.0
119 32.0 24.7 37.1

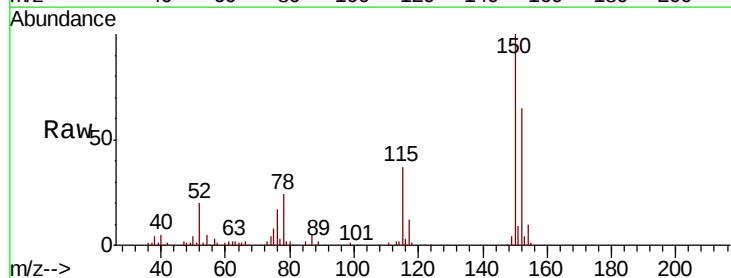


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

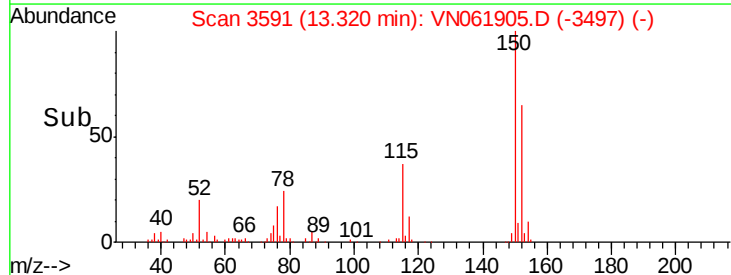
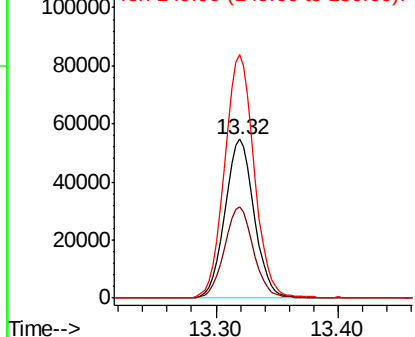


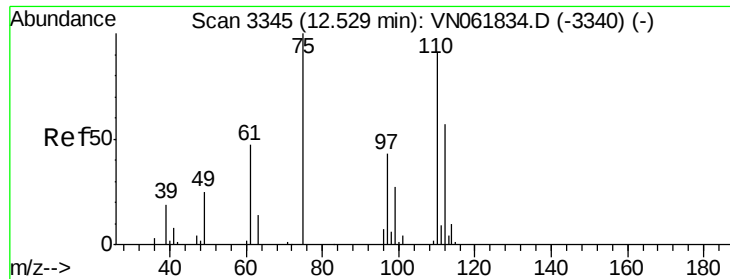
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061905.D
Acq: 18 Jun 2020 17:15

Tgt Ion:152 Resp: 91828
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 155.1 0.0 347.6



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

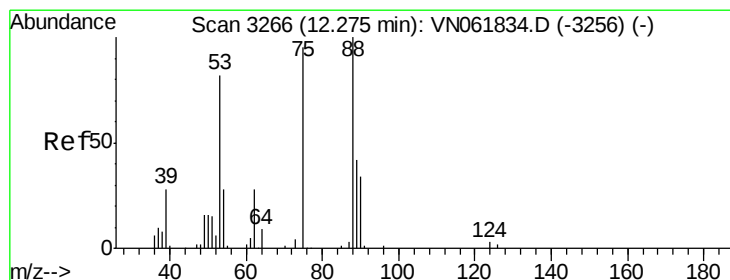
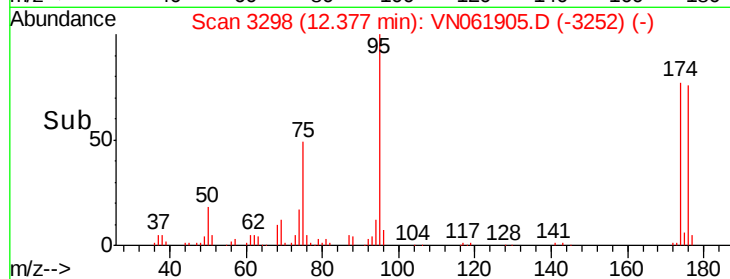
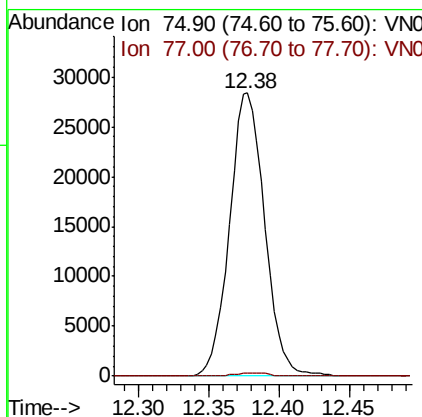
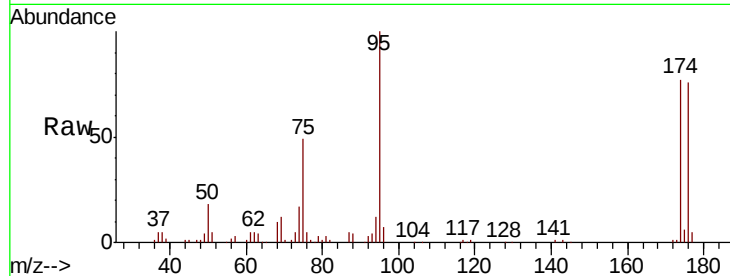




#76
 1,2,3-Trichloropropane
 Concen: 27.407 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN061905.D
 Acq: 18 Jun 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0574

Tot Ion: 75 Resp: 49409
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.749 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN061905.D
 Acq: 18 Jun 2020 17:15

Tgt Ion: 75 Resp: 49409
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.4 105.6#
 89 0.0 36.0 54.0#

