

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017619.D
 Acq On : 08 Mar 2024 12:34
 Operator : SY/MD
 Sample : P1710-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-030724

Quant Time: Mar 08 22:23:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	7644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2820	38.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.860%
35) Dibromofluoromethane	7.716	113	2807	41.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.340%
50) Toluene-d8	10.179	98	9715	41.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.500%
62) 4-Bromofluorobenzene	12.483	95	1691	22.845	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.700%

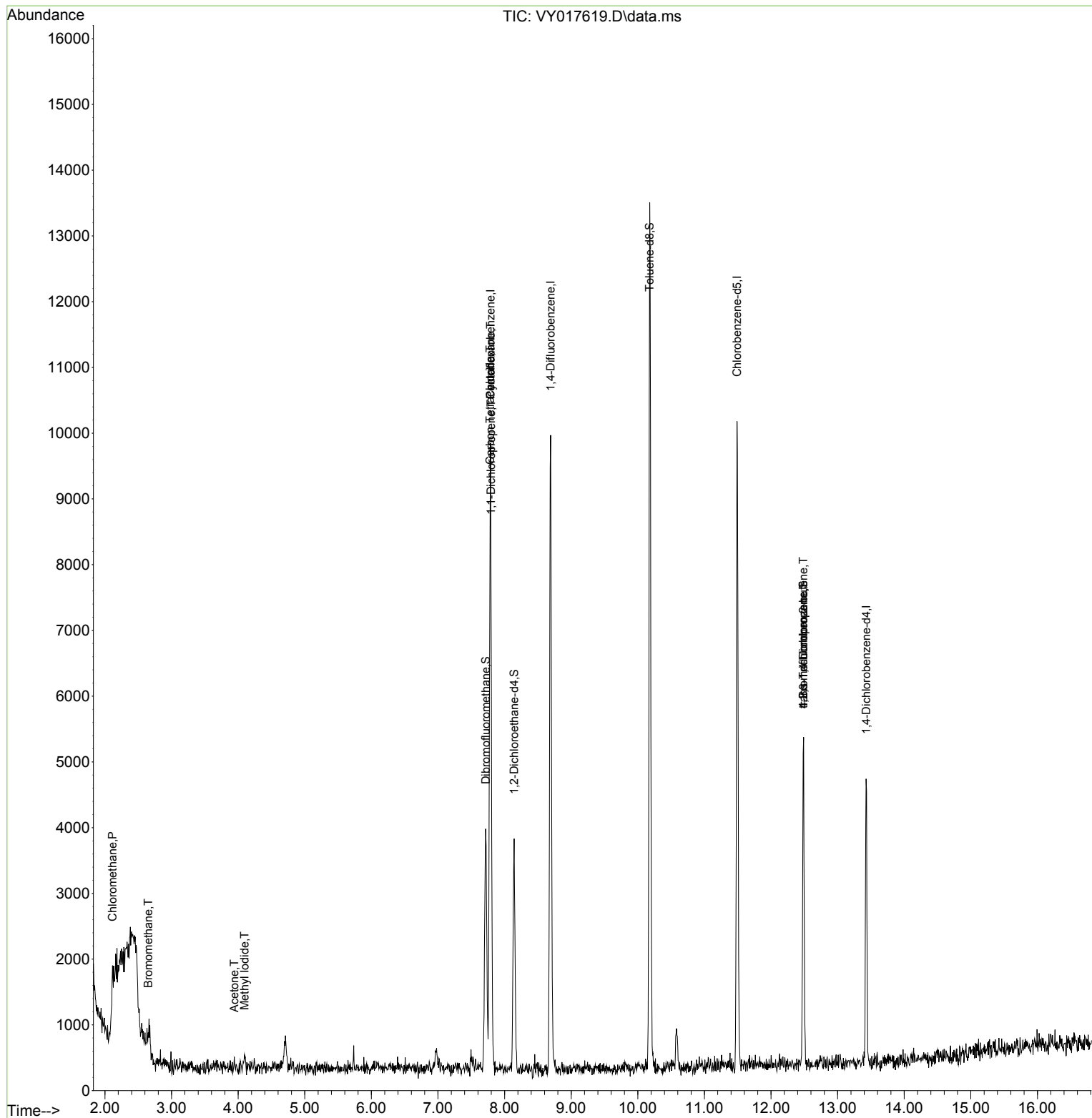
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	163	1.582	ug/l #	74
5) Bromomethane	2.650	94	161	1.495	ug/l #	3
10) Methyl Iodide	4.094	142	376	4.324	ug/l #	42
16) Acetone	3.942	43	54	3.843	ug/l #	36
20) Methylene Chloride	4.692	84	127	Below Cal	#	82
31) Cyclohexane	7.789	56	121	1.026	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	566	6.228	ug/l #	40
38) Carbon Tetrachloride	7.783	117	736	8.080	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	916	68.861	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	916	158.227	ug/l #	16

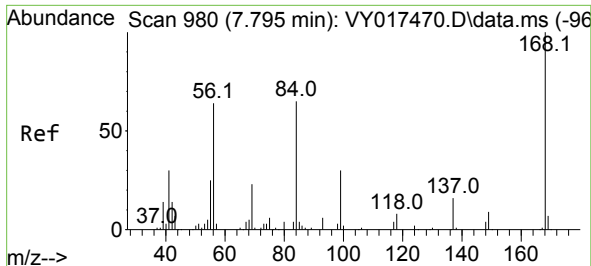
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
Data File : VY017619.D
Acq On : 08 Mar 2024 12:34
Operator : SY/MD
Sample : P1710-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

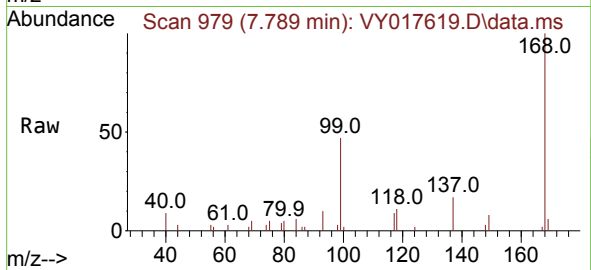
Quant Time: Mar 08 22:23:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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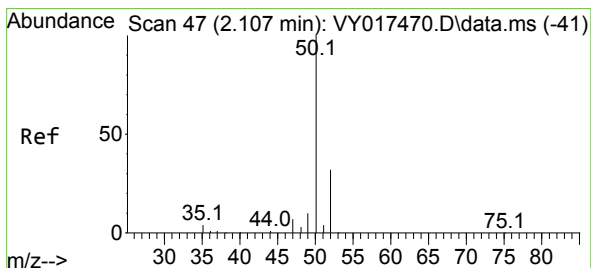
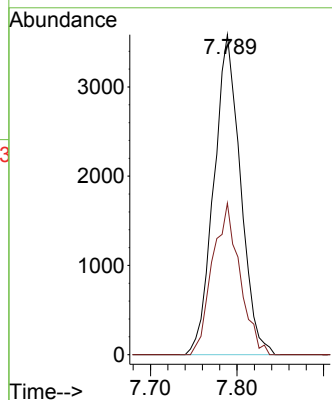
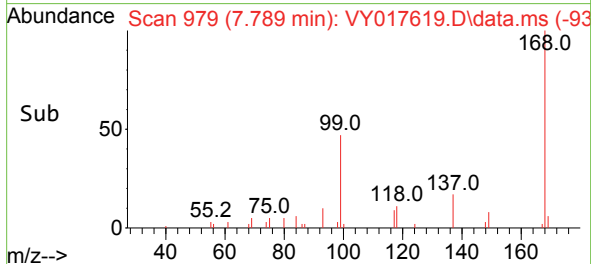


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

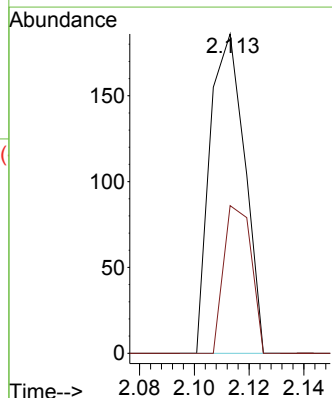
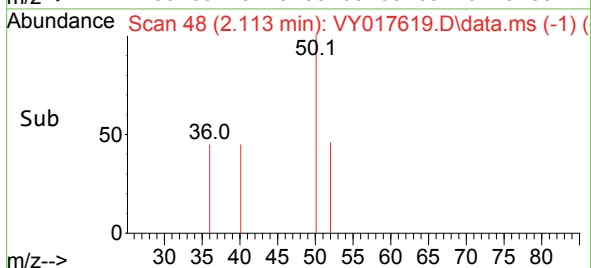
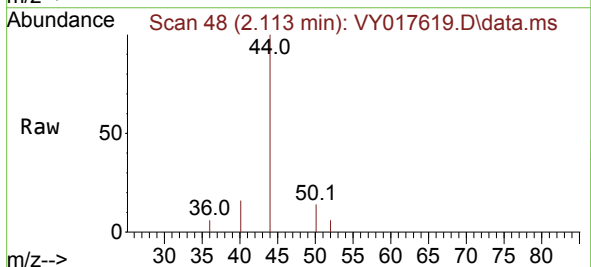


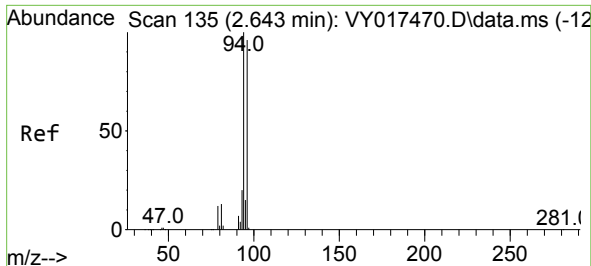
Tgt Ion:168 Resp: 7644
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#3
Chloromethane
Concen: 1.582 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Tgt Ion: 50 Resp: 163
Ion Ratio Lower Upper
50 100
52 46.2 25.6 38.4#





#5

Bromomethane

Concen: 1.495 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017619.D

Acq: 08 Mar 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

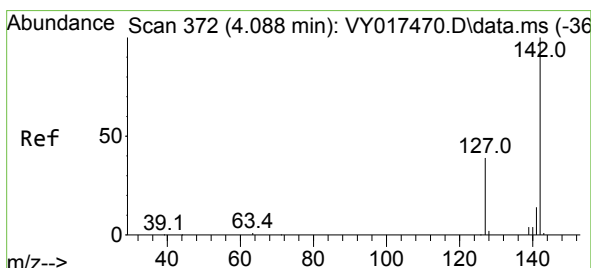
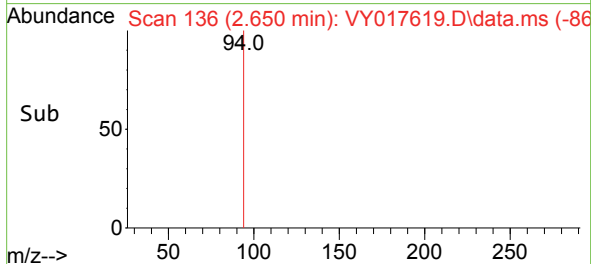
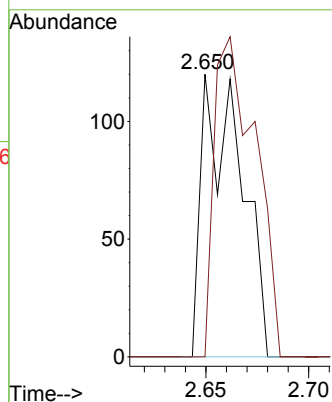
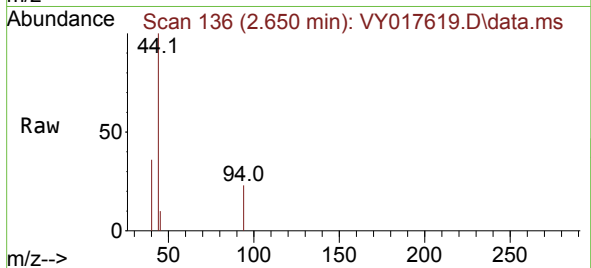
TR-04-030724

Tgt Ion: 94 Resp: 161

Ion Ratio Lower Upper

94 100

96 0.0 74.1 111.1#



#10

Methyl Iodide

Concen: 4.324 ug/l

RT: 4.094 min Scan# 373

Delta R.T. 0.006 min

Lab File: VY017619.D

Acq: 08 Mar 2024 12:34

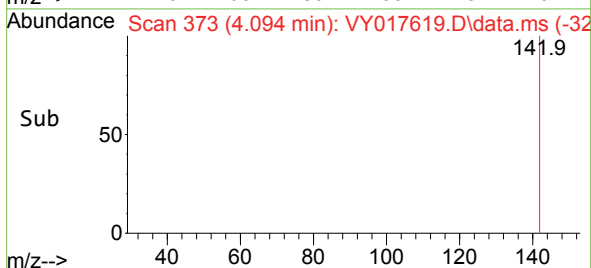
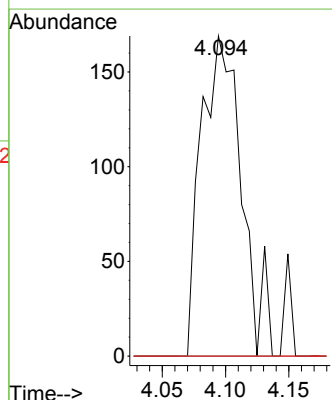
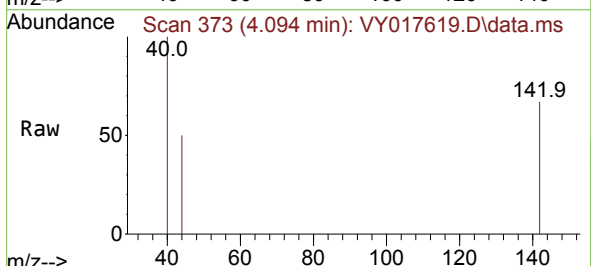
Tgt Ion:142 Resp: 376

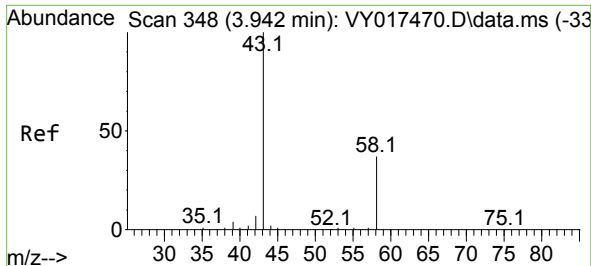
Ion Ratio Lower Upper

142 100

127 0.0 32.8 49.2#

141 0.0 11.4 17.2#





#16

Acetone

Concen: 3.843 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY017619.D

Acq: 08 Mar 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

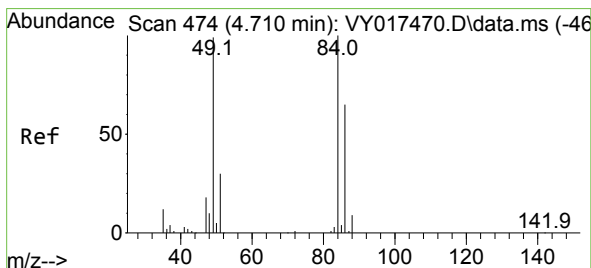
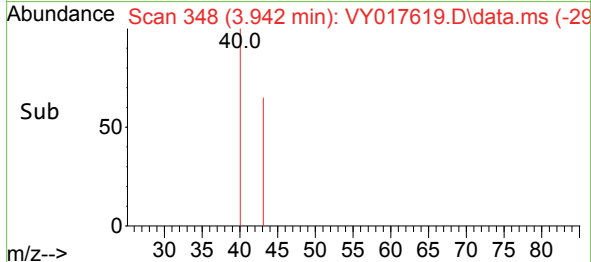
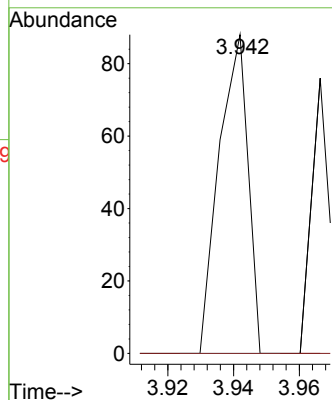
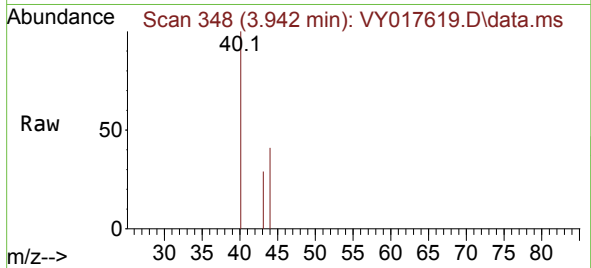
TR-04-030724

Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.692 min Scan# 471

Delta R.T. -0.018 min

Lab File: VY017619.D

Acq: 08 Mar 2024 12:34

Tgt Ion: 84 Resp: 127

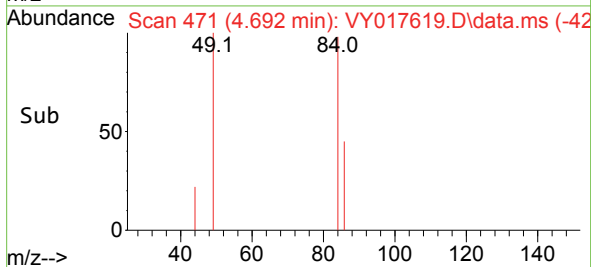
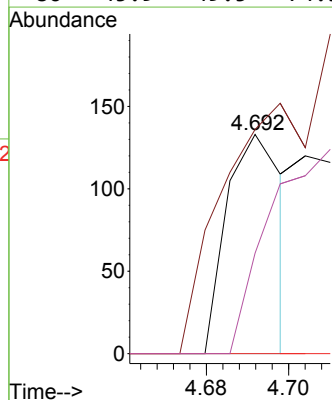
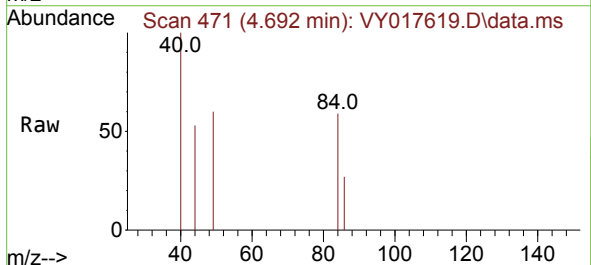
Ion Ratio Lower Upper

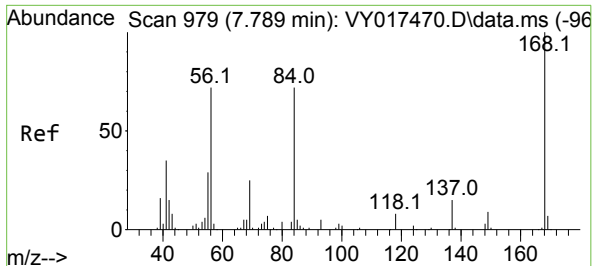
84 100

49 102.3 84.4 126.6

51 0.0 26.0 39.0#

86 45.9 49.5 74.3#

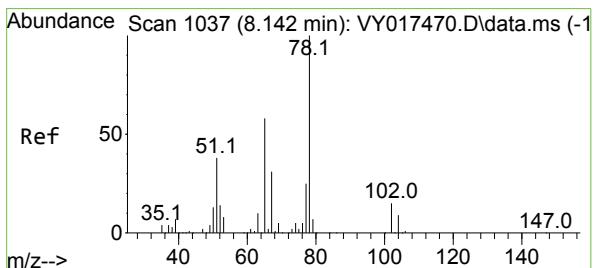
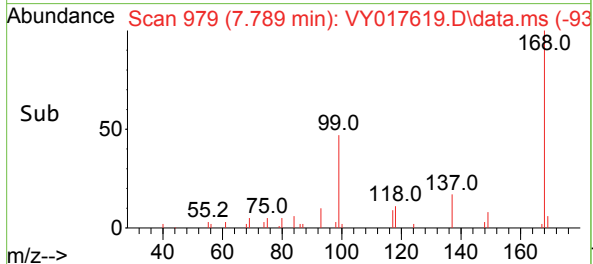
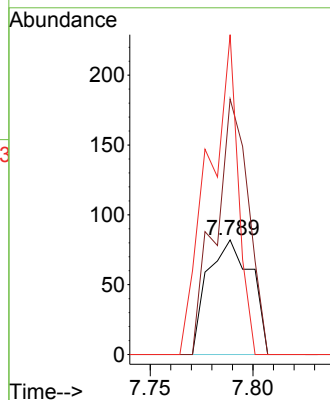
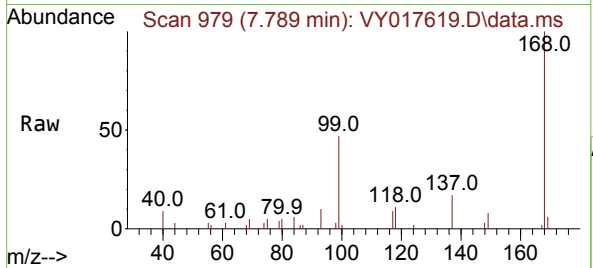




#31
Cyclohexane
Concen: 1.026 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

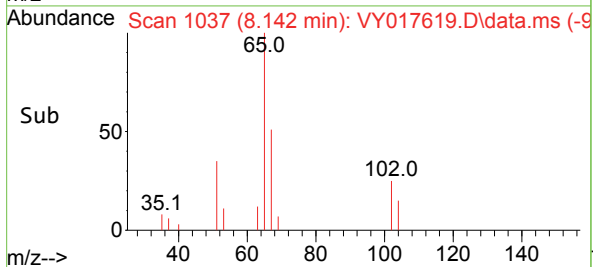
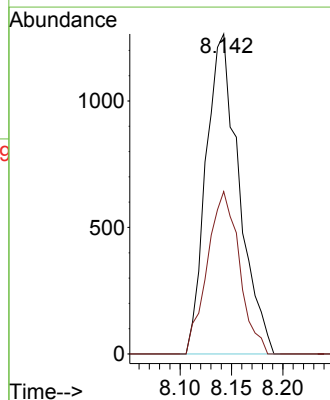
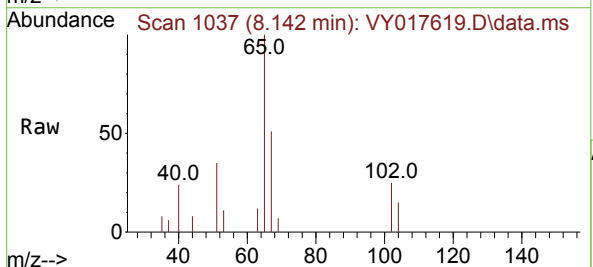
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

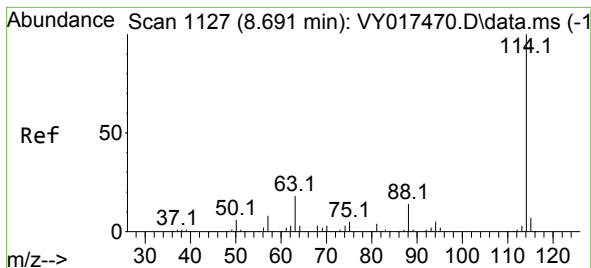
Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
69 223.2 28.7 43.1#
84 279.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 38.926 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Tgt Ion: 65 Resp: 2820
Ion Ratio Lower Upper
65 100
67 49.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017619.D

Acq: 08 Mar 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-030724

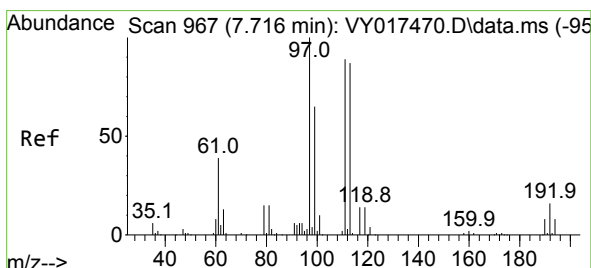
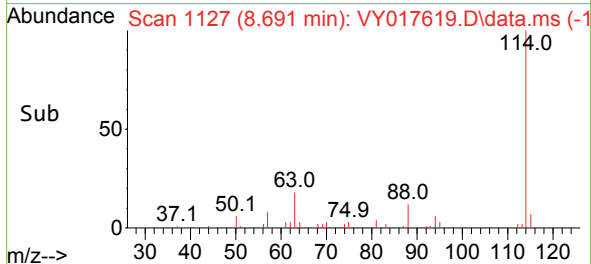
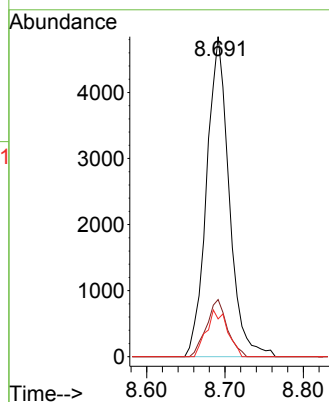
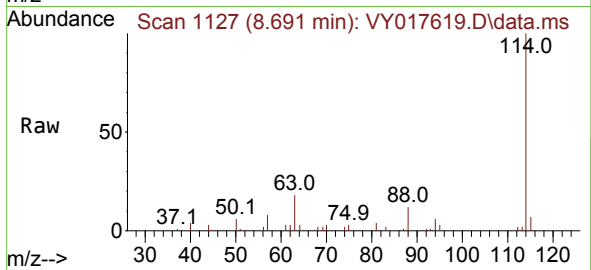
Tgt Ion:114 Resp: 9667

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 11.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.670 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017619.D

Acq: 08 Mar 2024 12:34

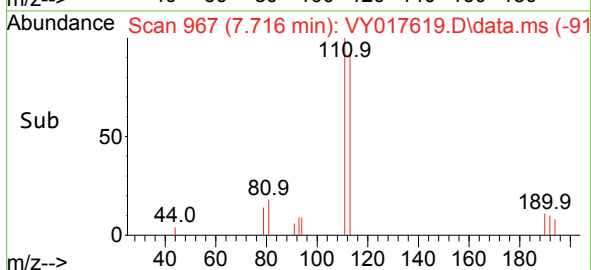
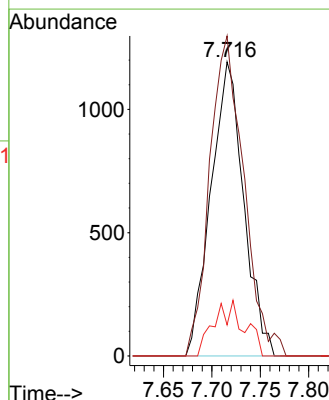
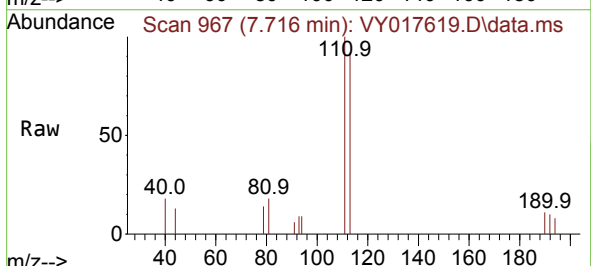
Tgt Ion:113 Resp: 2807

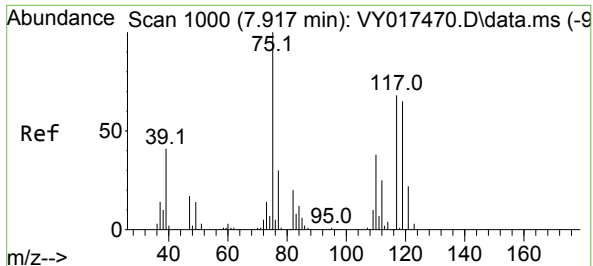
Ion Ratio Lower Upper

113 100

111 113.3 82.2 123.4

192 17.4 15.9 23.9

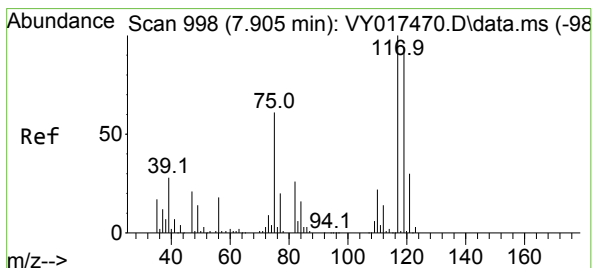
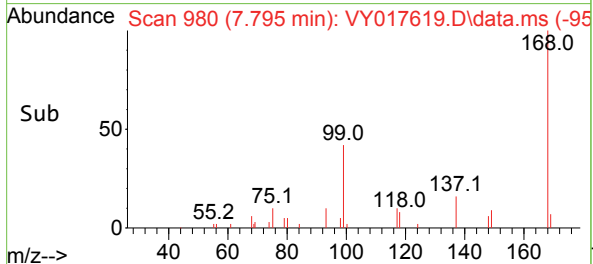
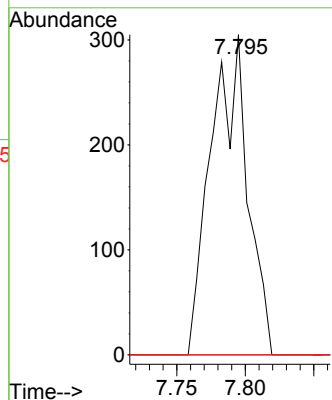
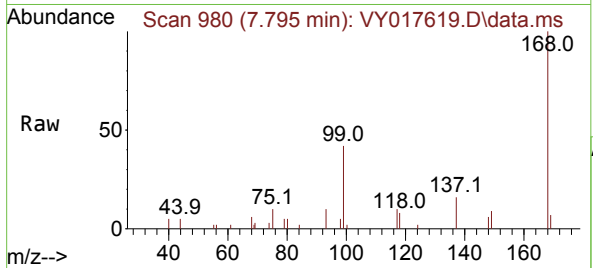




#36
1,1-Dichloropropene
Concen: 6.228 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

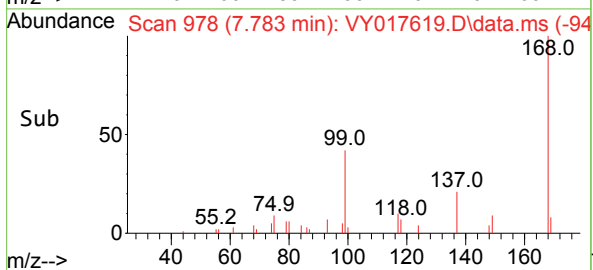
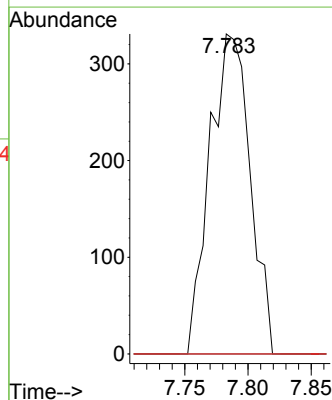
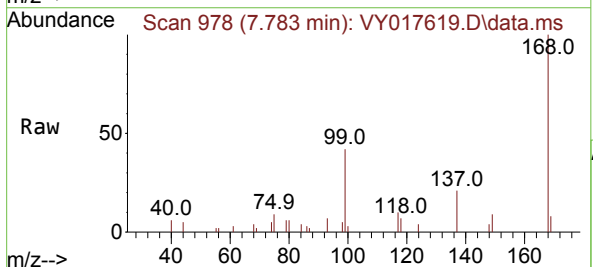
Instrument :
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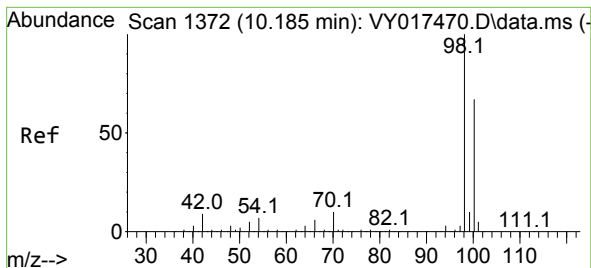
Tgt Ion: 75 Resp: 566
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 8.080 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Tgt Ion: 117 Resp: 736
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 41.248 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017619.D

Acq: 08 Mar 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

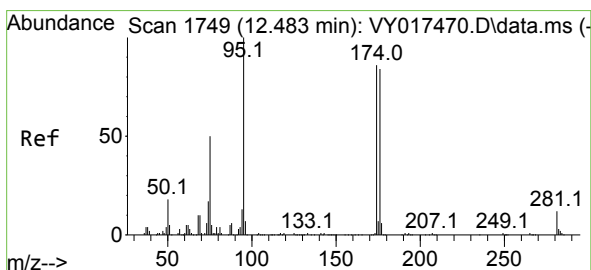
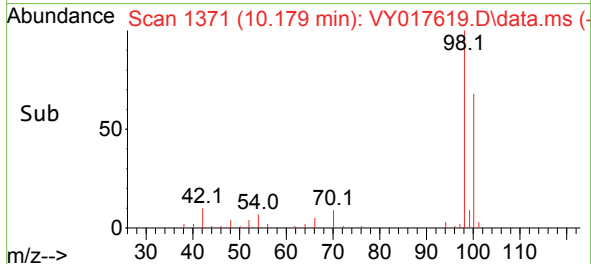
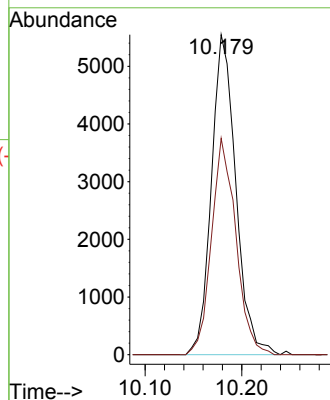
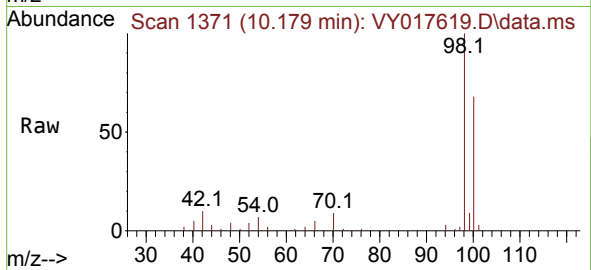
TR-04-030724

Tgt Ion: 98 Resp: 9715

Ion Ratio Lower Upper

98 100

100 67.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 22.845 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017619.D

Acq: 08 Mar 2024 12:34

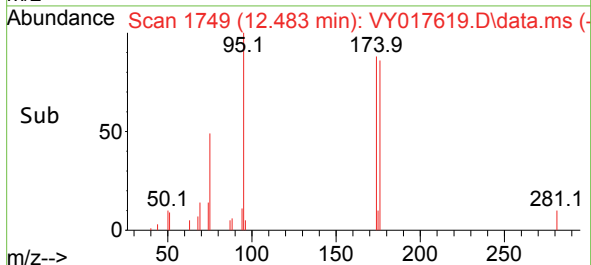
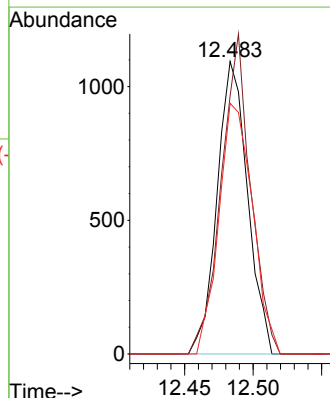
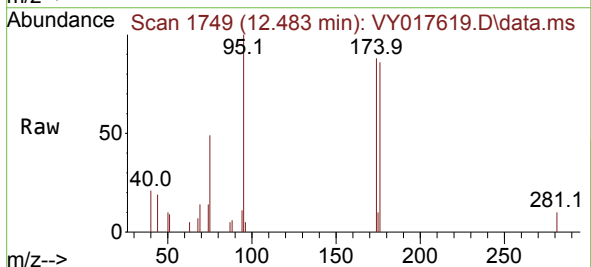
Tgt Ion: 95 Resp: 1691

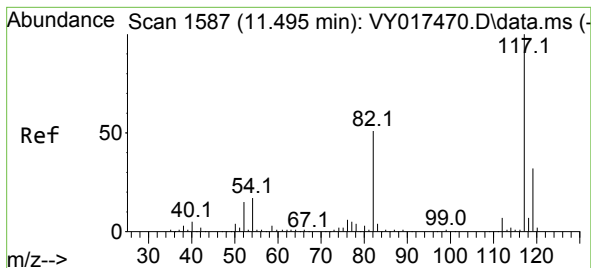
Ion Ratio Lower Upper

95 100

174 105.7 0.0 175.6

176 94.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017619.D

Acq: 08 Mar 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-030724

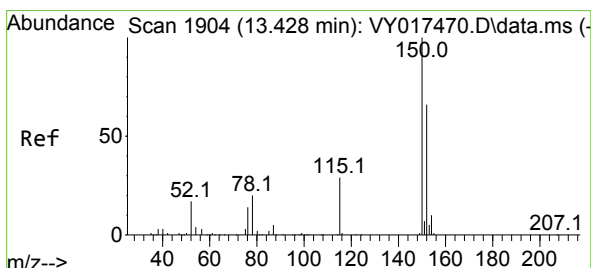
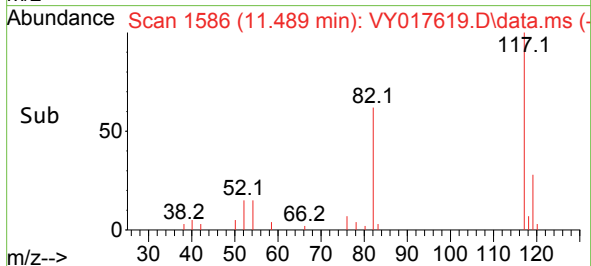
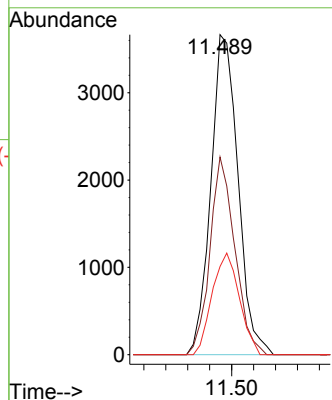
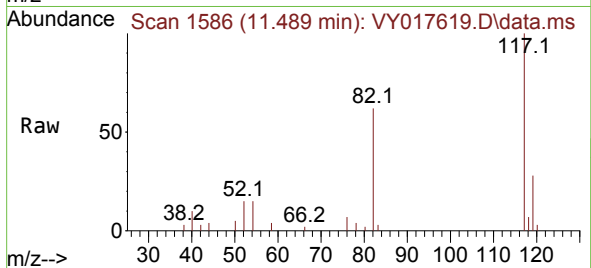
Tgt Ion:117 Resp: 6312

Ion Ratio Lower Upper

117 100

82 61.7 42.4 63.6

119 27.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017619.D

Acq: 08 Mar 2024 12:34

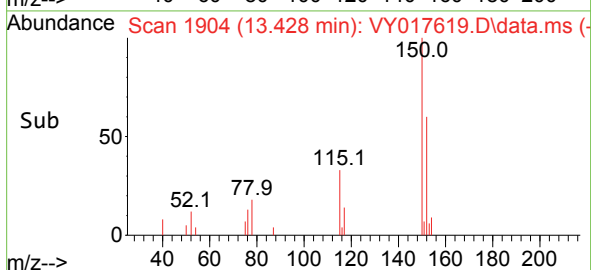
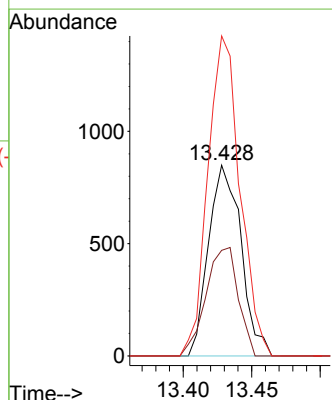
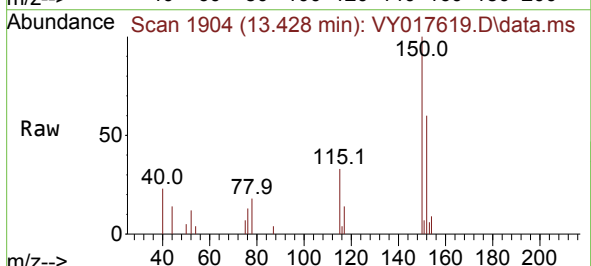
Tgt Ion:152 Resp: 1400

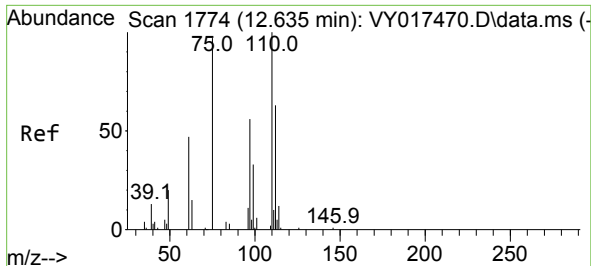
Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 166.1 0.0 345.6

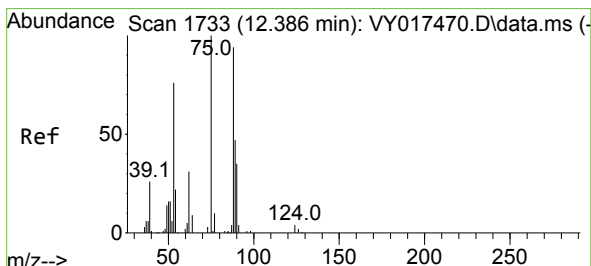
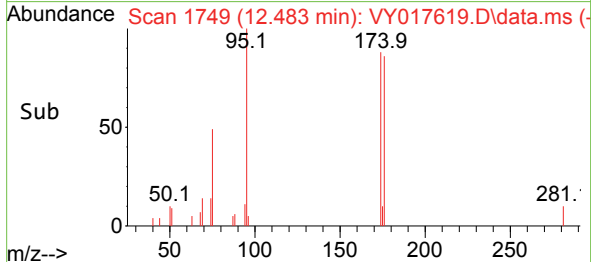
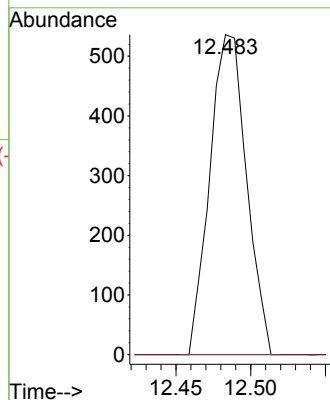
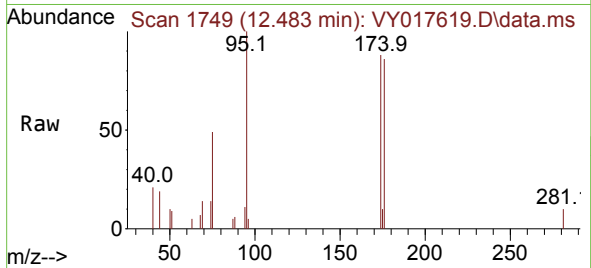




#76
1,2,3-Trichloropropane
Concen: 68.861 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

Tgt Ion: 75 Resp: 916
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 158.227 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Tgt Ion: 75 Resp: 916
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

