

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017782.D
 Acq On : 27 Mar 2024 15:35
 Operator : SY/MD
 Sample : P1876-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-032624

Quant Time: Mar 28 02:17:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2644	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	3789	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	2897	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1532	66.510	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.020%	
35) Dibromofluoromethane	7.722	113	781	34.483	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 68.960%	
50) Toluene-d8	10.185	98	4183	48.256	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.520%	
62) 4-Bromofluorobenzene	12.483	95	611	23.474	ug/l	-0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 46.940%	

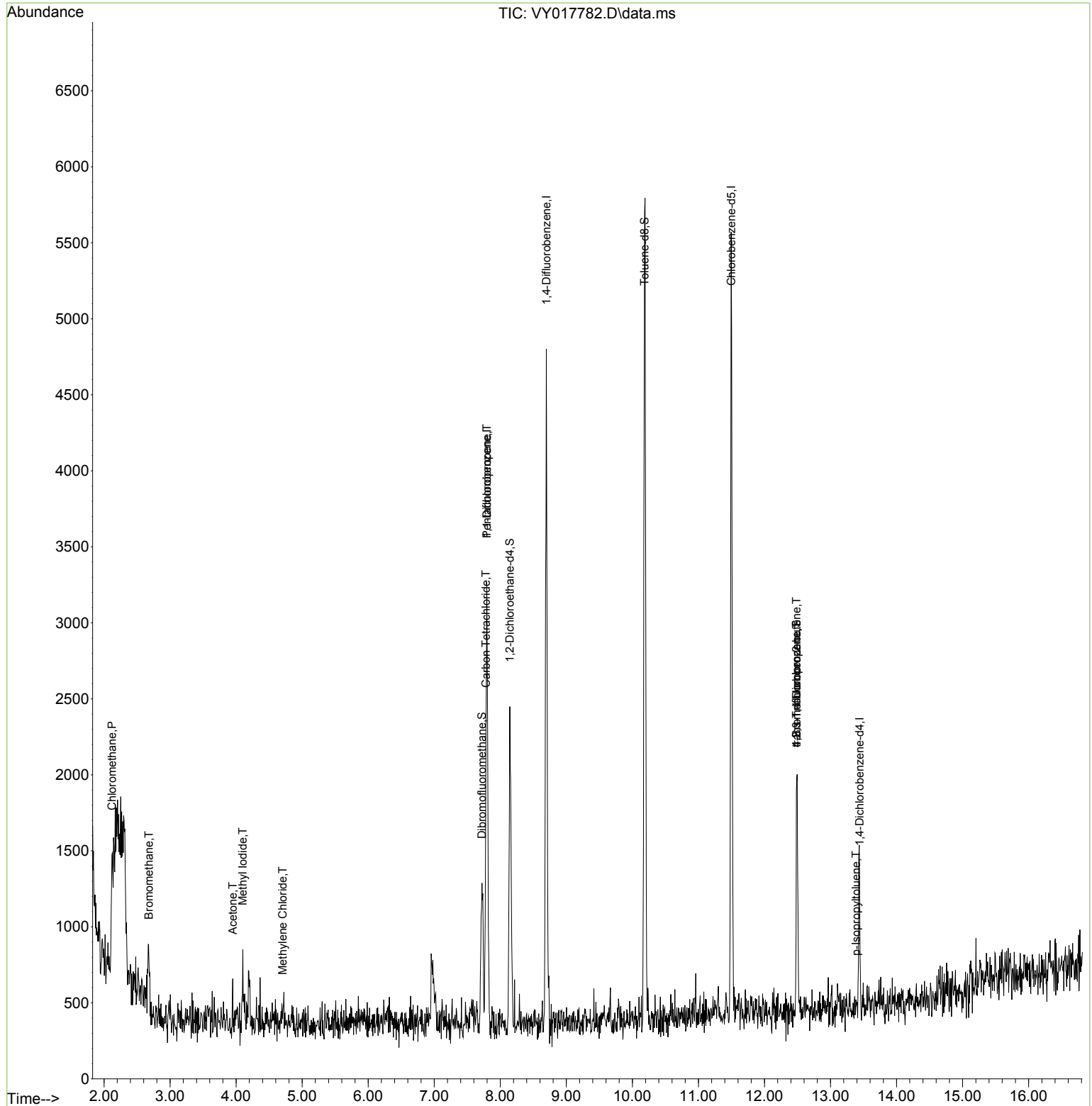
Target Compounds			Qvalue			
3) Chloromethane	2.119	50	181	6.121	ug/l #	43
5) Bromomethane	2.680	94	215	7.702	ug/l	86
10) Methyl Iodide	4.101	142	480	14.637	ug/l #	69
16) Acetone	3.948	43	99	24.573	ug/l #	36
20) Methylene Chloride	4.704	84	42	1.433	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	129	3.687	ug/l #	40
38) Carbon Tetrachloride	7.783	117	149	4.067	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	365	134.901	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	365	311.717	ug/l #	16
86) p-Isopropyltoluene	13.386	119	25	1.282	ug/l #	51

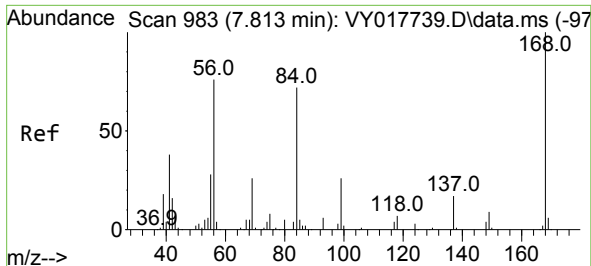
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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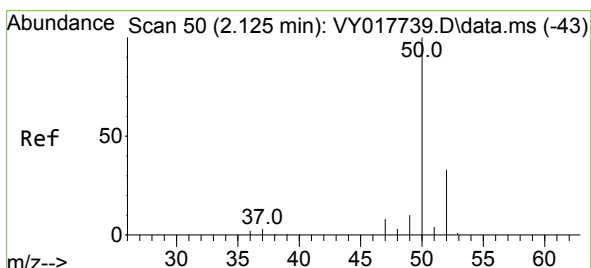
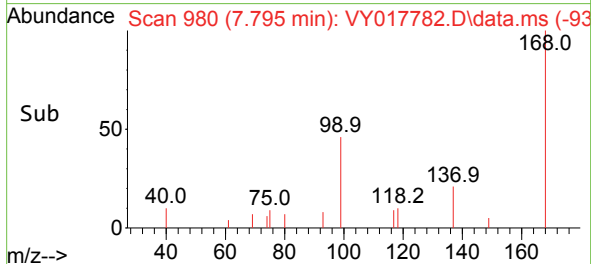
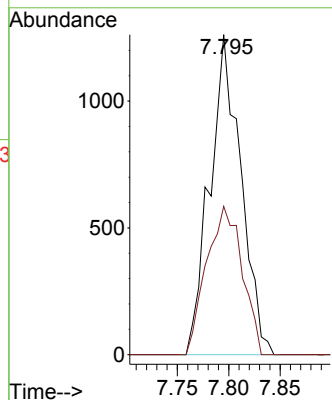
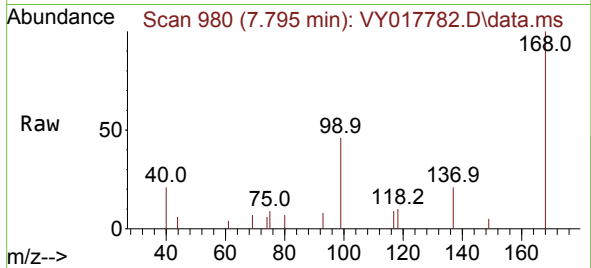




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

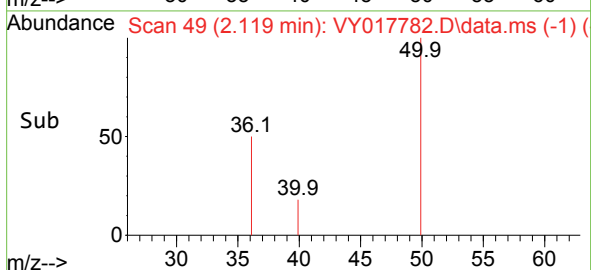
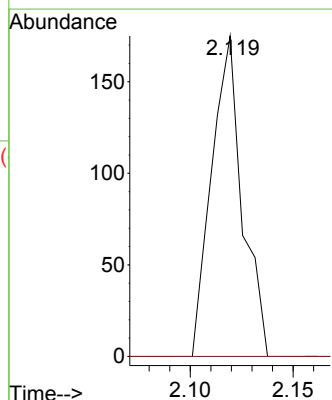
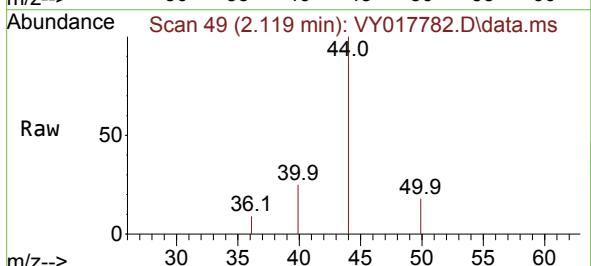
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-032624

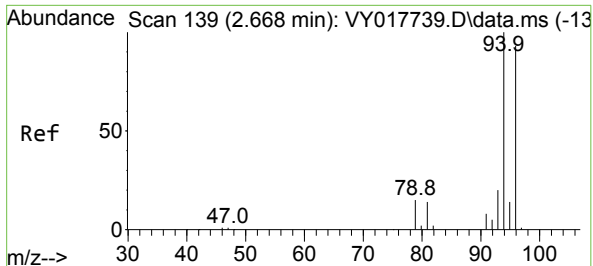
Tgt Ion:168 Resp: 2644
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#3
Chloromethane
Concen: 6.121 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

Tgt Ion: 50 Resp: 181
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#





#5

Bromomethane

Concen: 7.702 ug/l

RT: 2.680 min Scan# 141

Delta R.T. 0.012 min

Lab File: VY017782.D

Acq: 27 Mar 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

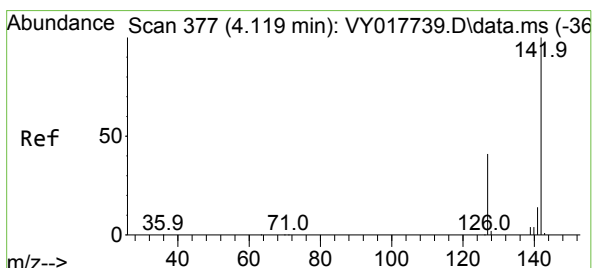
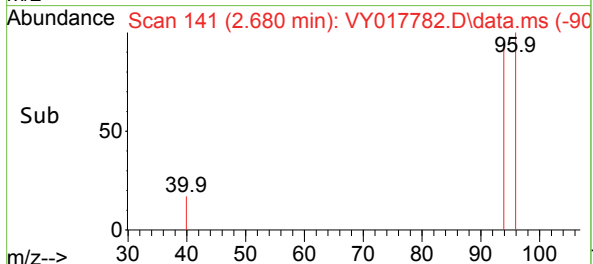
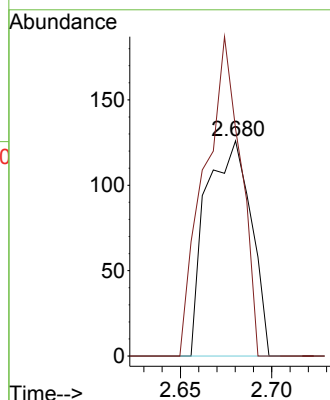
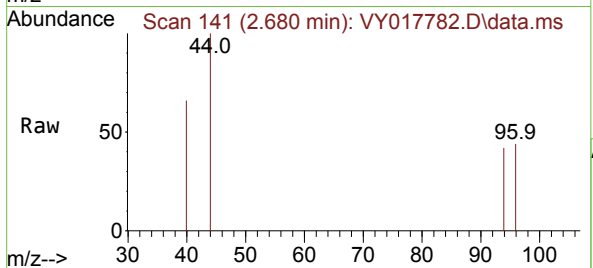
TR-06-032624

Tgt Ion: 94 Resp: 215

Ion Ratio Lower Upper

94 100

96 105.6 74.1 111.1



#10

Methyl Iodide

Concen: 14.637 ug/l

RT: 4.101 min Scan# 374

Delta R.T. -0.018 min

Lab File: VY017782.D

Acq: 27 Mar 2024 15:35

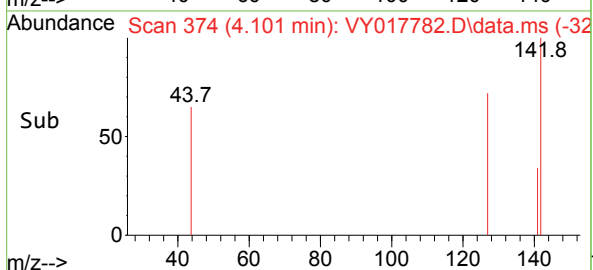
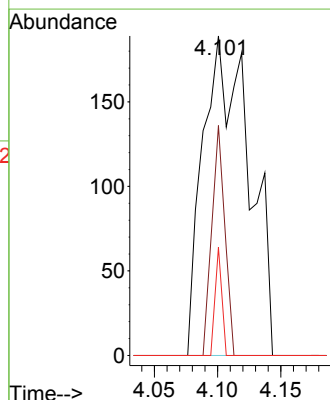
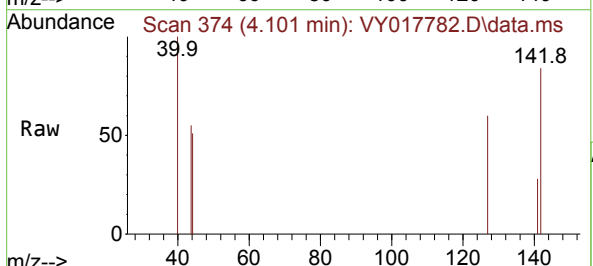
Tgt Ion:142 Resp: 480

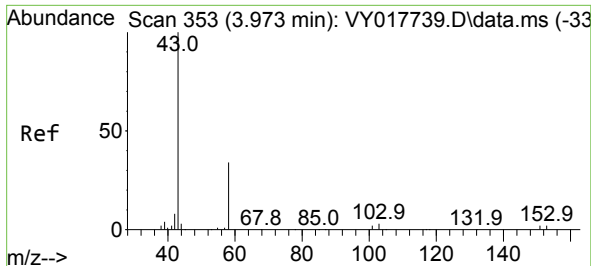
Ion Ratio Lower Upper

142 100

127 20.2 32.8 49.2#

141 4.8 11.4 17.2#

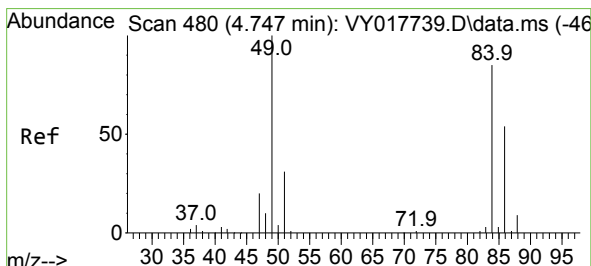
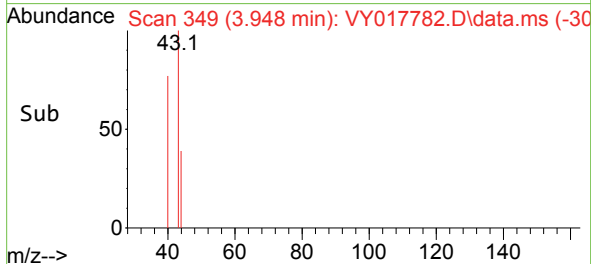
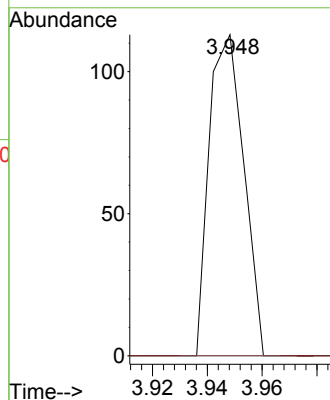
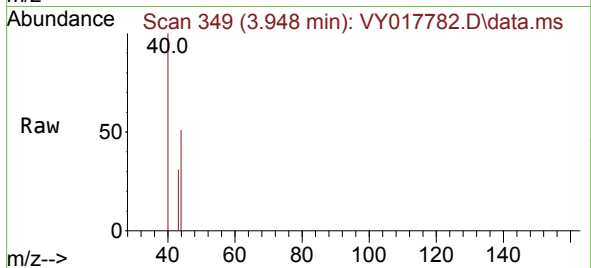




#16
Acetone
Concen: 24.573 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

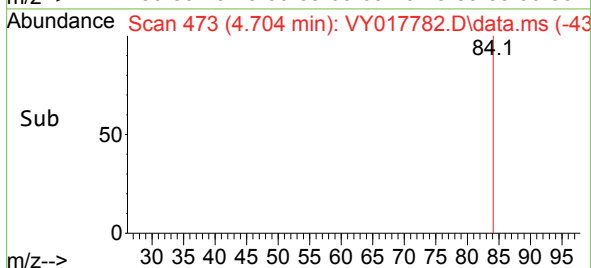
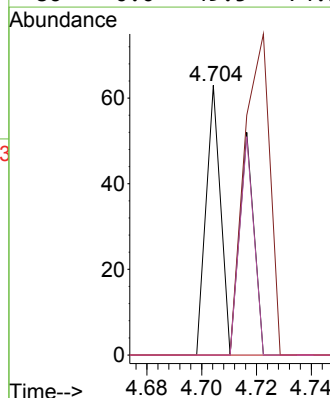
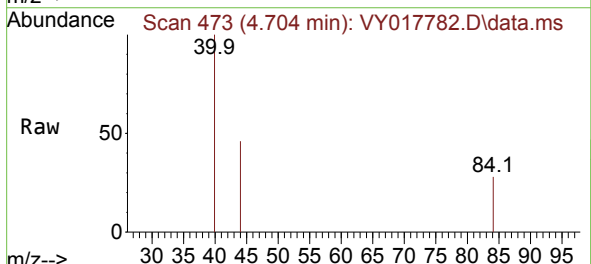
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-032624

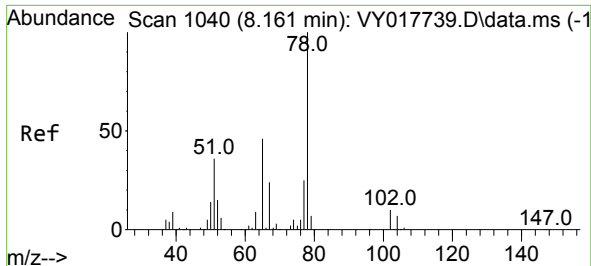
Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 1.433 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.043 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

Tgt Ion: 84 Resp: 42
Ion Ratio Lower Upper
84 100
49 0.0 84.4 126.6#
51 0.0 26.0 39.0#
86 0.0 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 66.510 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.018 min

Lab File: VY017782.D

Acq: 27 Mar 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

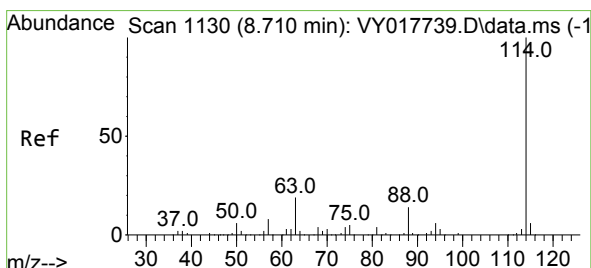
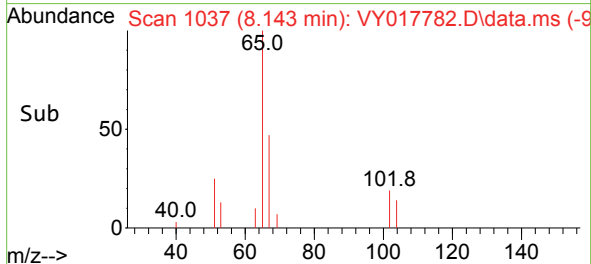
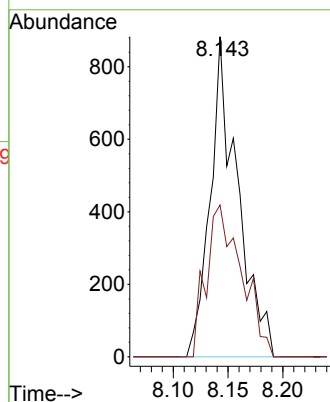
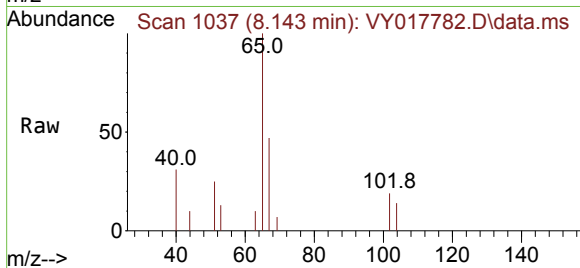
TR-06-032624

Tgt Ion: 65 Resp: 1532

Ion Ratio Lower Upper

65 100

67 61.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017782.D

Acq: 27 Mar 2024 15:35

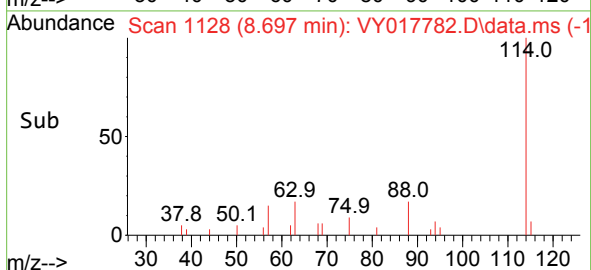
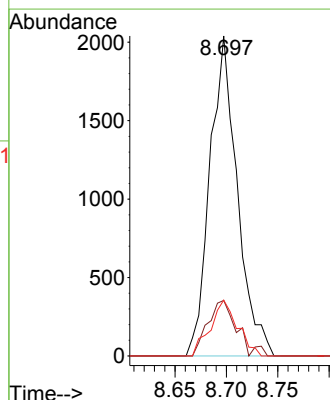
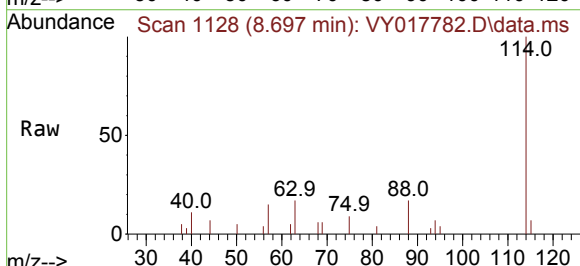
Tgt Ion: 114 Resp: 3789

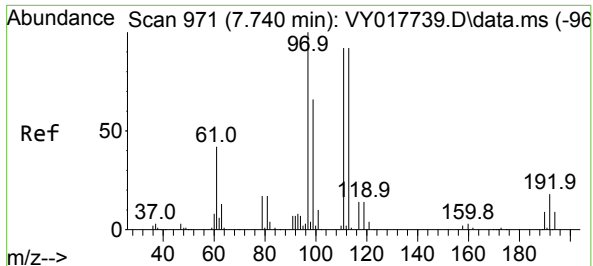
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 17.5 0.0 27.2

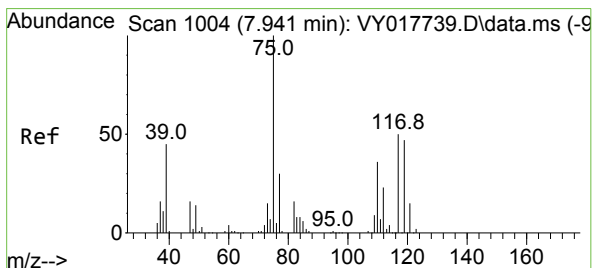
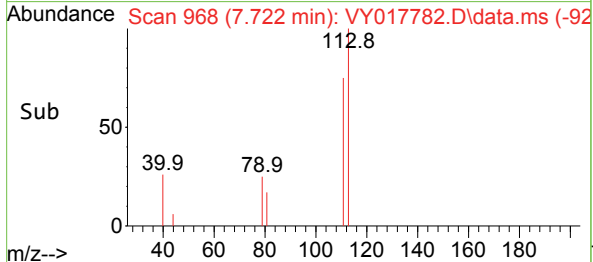
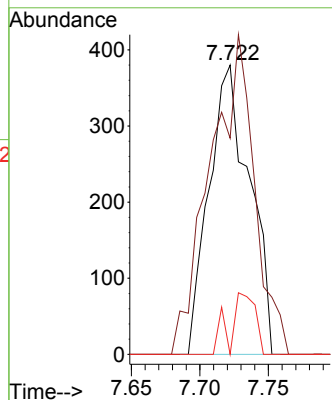
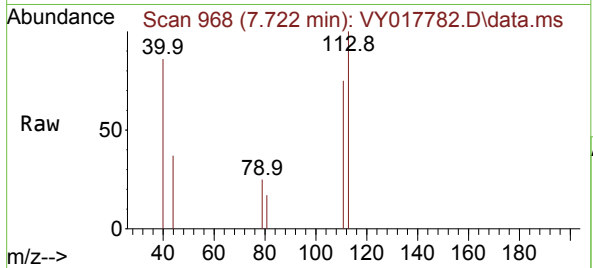




#35
 Dibromofluoromethane
 Concen: 34.483 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: VY017782.D
 Acq: 27 Mar 2024 15:35

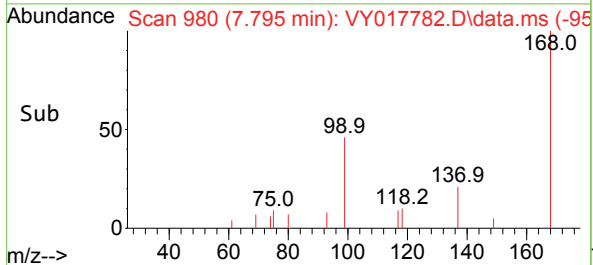
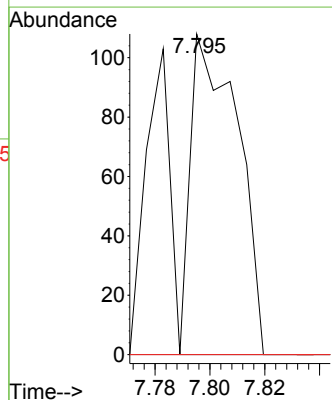
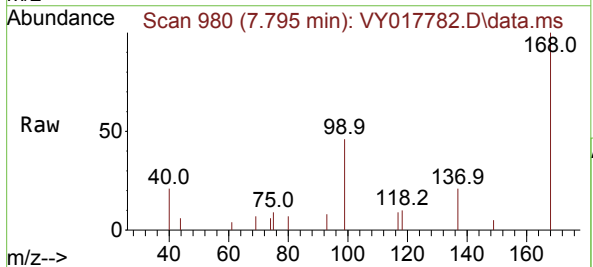
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-032624

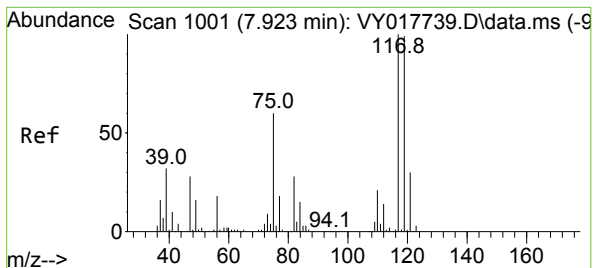
Tgt Ion:113 Resp: 781
 Ion Ratio Lower Upper
 113 100
 111 120.7 82.2 123.4
 192 13.3 15.9 23.9#



#36
 1,1-Dichloropropene
 Concen: 3.687 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.146 min
 Lab File: VY017782.D
 Acq: 27 Mar 2024 15:35

Tgt Ion: 75 Resp: 129
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.067 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY017782.D

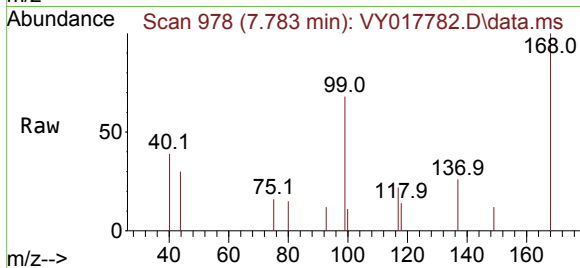
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Instrument :

MSVOA_Y

ClientSampleId :

TR-06-032624



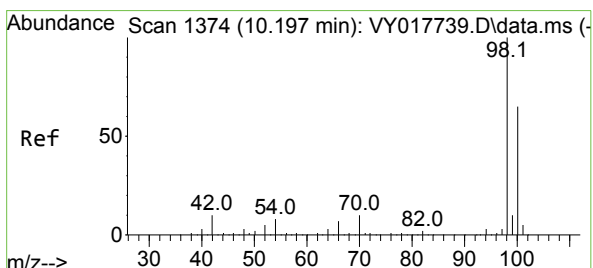
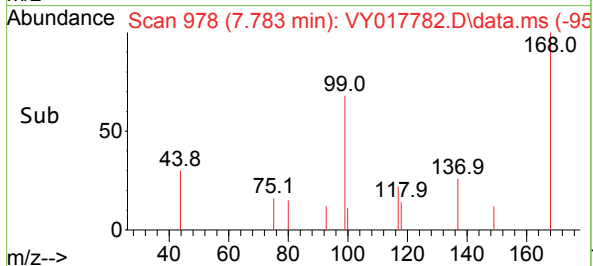
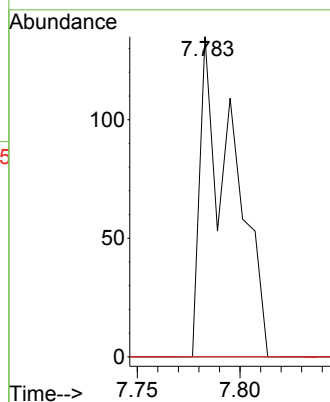
Tgt Ion:117 Resp: 149

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 48.256 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.012 min

Lab File: VY017782.D

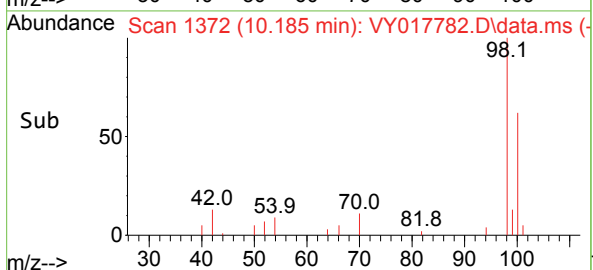
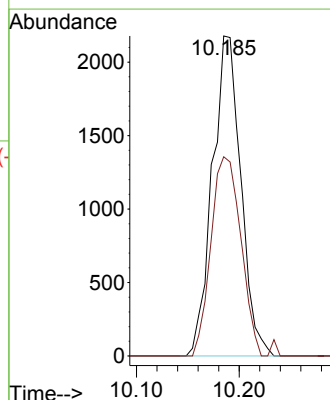
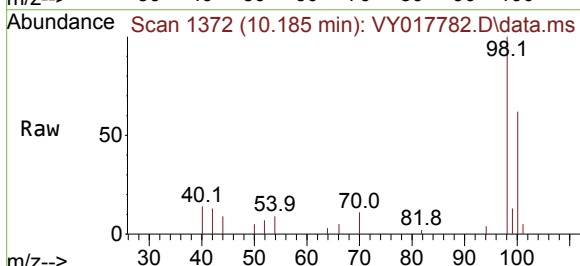
Acq: 27 Mar 2024 15:35

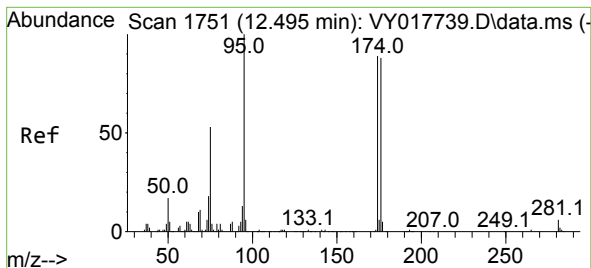
Tgt Ion: 98 Resp: 4183

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

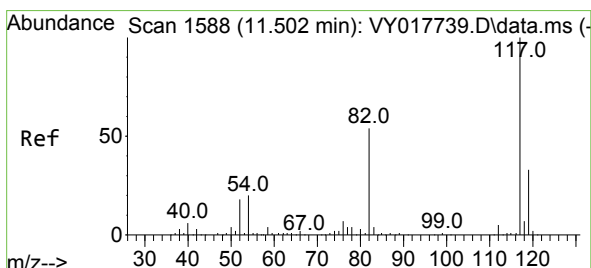
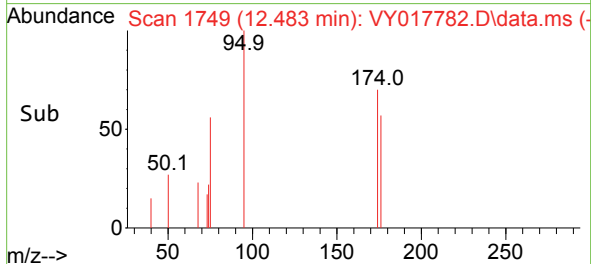
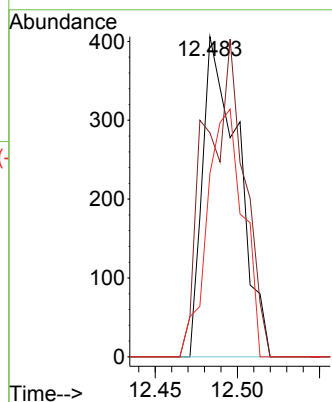
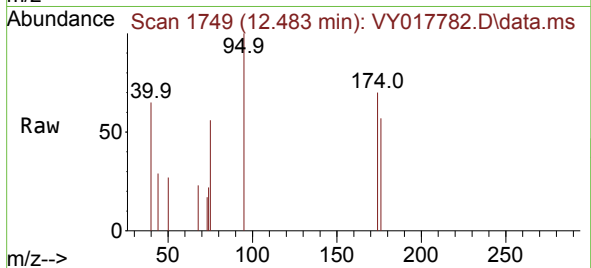




#62
4-Bromofluorobenzene
Concen: 23.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

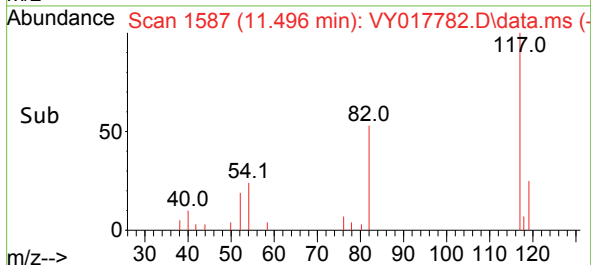
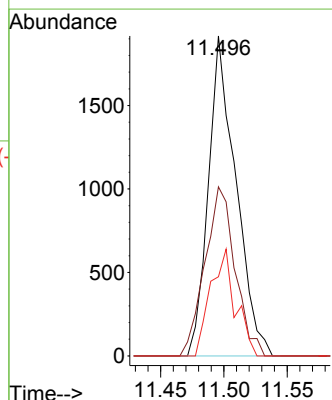
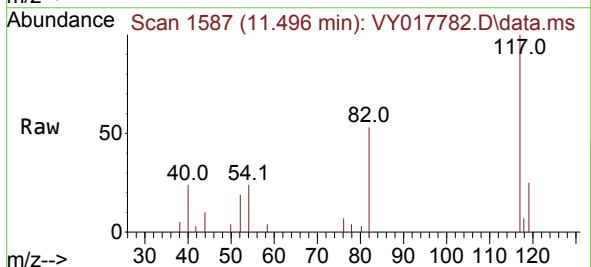
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-032624

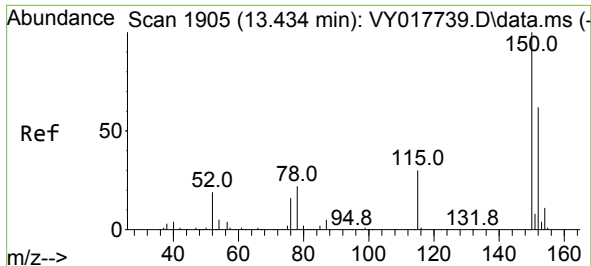
Tgt Ion: 95 Resp: 611
Ion Ratio Lower Upper
95 100
174 107.9 0.0 175.6
176 78.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

Tgt Ion: 117 Resp: 2897
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 24.7 25.9 38.9#

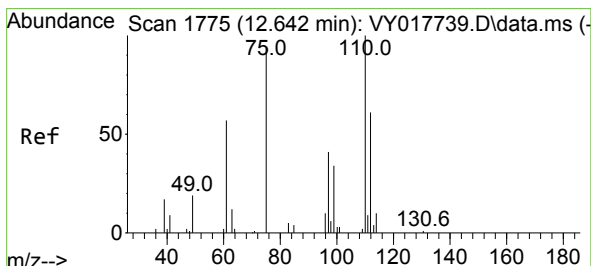
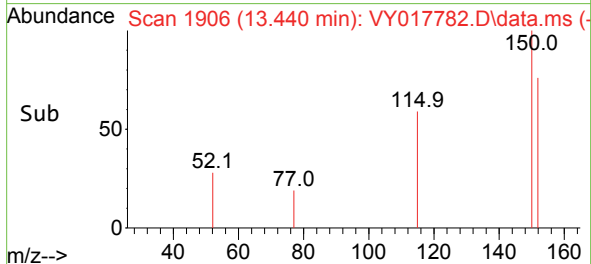
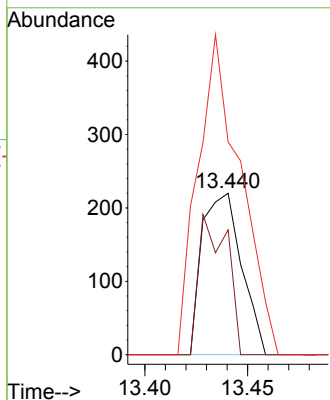
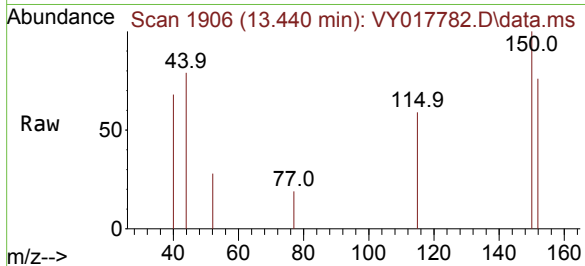




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY017782.D
 Acq: 27 Mar 2024 15:35

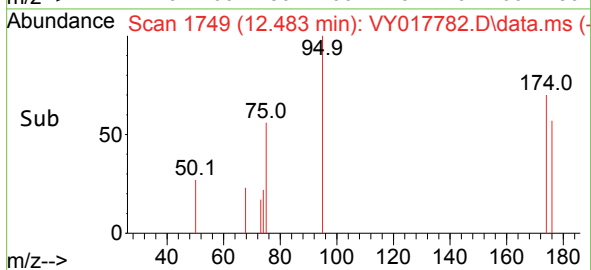
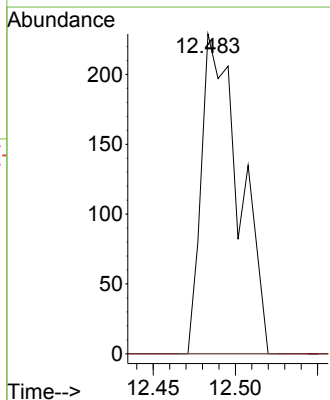
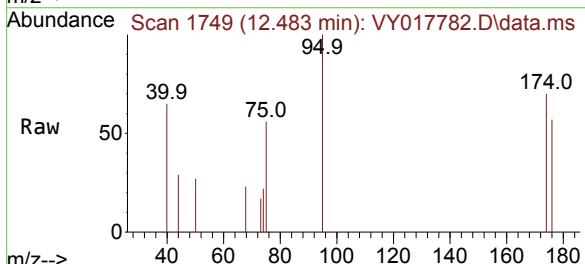
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-032624

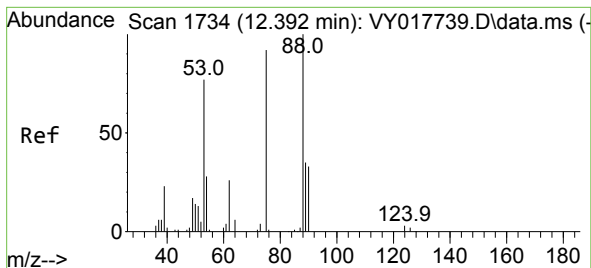
Tgt Ion:152 Resp: 293
 Ion Ratio Lower Upper
 152 100
 115 62.5 28.2 84.7
 150 214.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 134.901 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.158 min
 Lab File: VY017782.D
 Acq: 27 Mar 2024 15:35

Tgt Ion: 75 Resp: 365
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

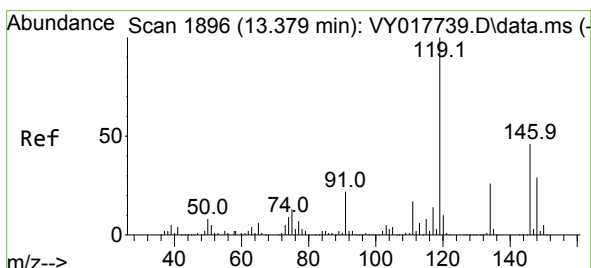
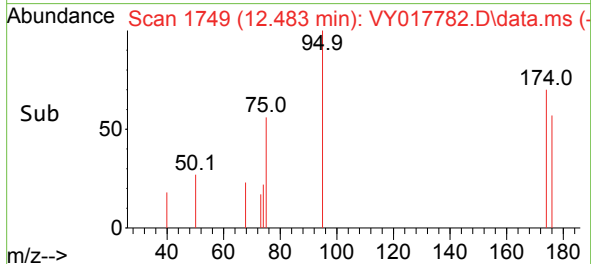
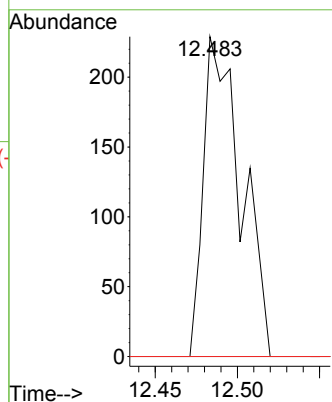
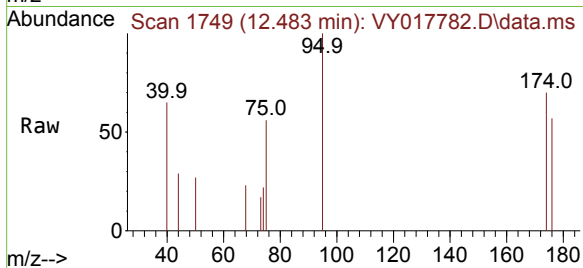




#81
trans-1,4-Dichloro-2-butene
Concen: 311.717 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-032624

Tgt Ion: 75 Resp: 365
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#86
p-Isopropyltoluene
Concen: 1.282 ug/l
RT: 13.386 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

Tgt Ion: 119 Resp: 25
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.3#
91 0.0 10.7 32.1#

