

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015624.D
 Acq On : 18 Sep 2023 18:57
 Operator : SY/MD
 Sample : 04432-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 02:06:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

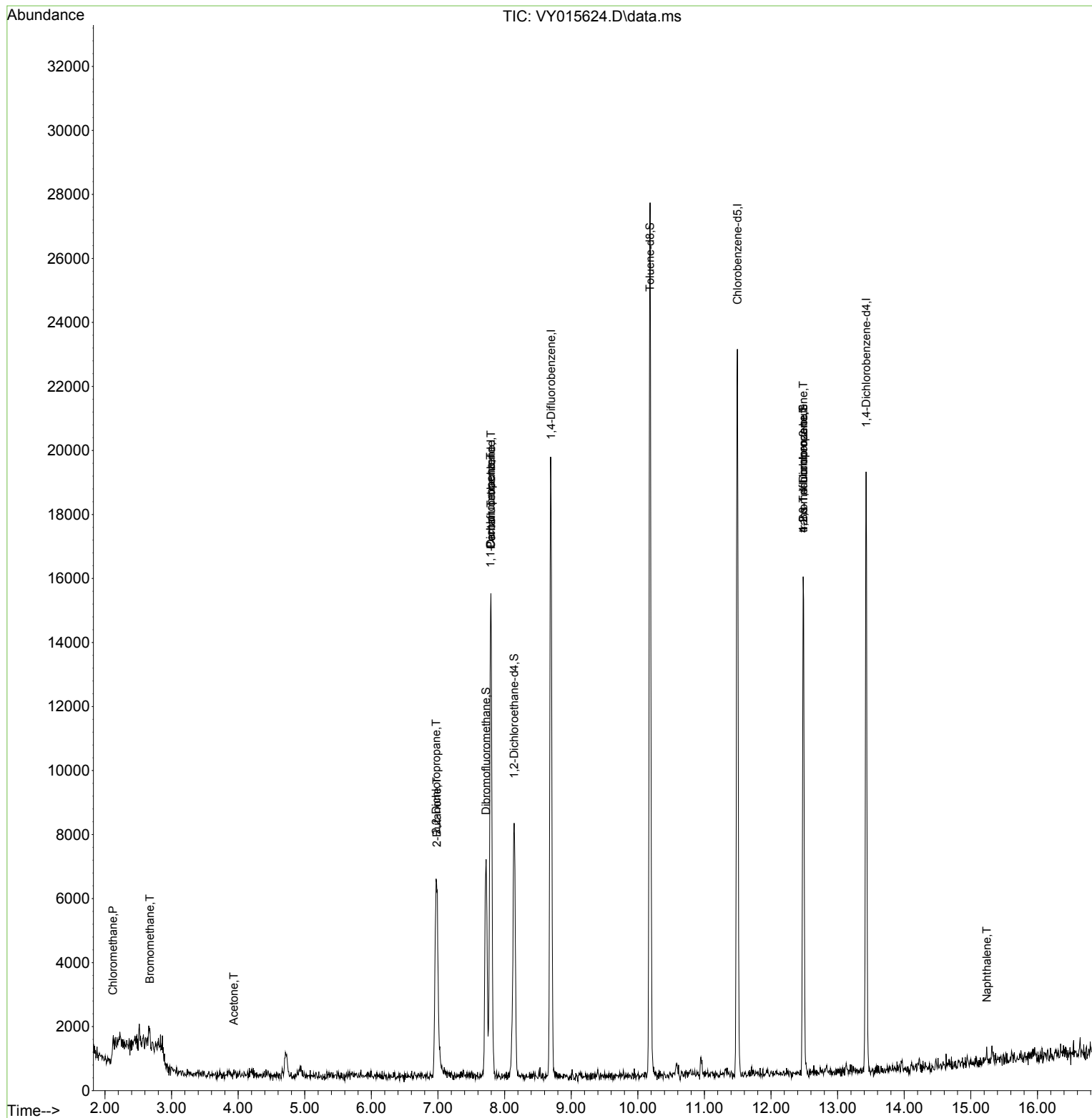
Internal Standards						
1) Pentafluorobenzene	7.795	168	12405	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	17442	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	13617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6211	46.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.420%
35) Dibromofluoromethane	7.722	113	5239	52.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.300%
50) Toluene-d8	10.185	98	19133	52.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.483	95	5065	37.502	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	146	1.019	ug/l #	43
5) Bromomethane	2.674	94	281	2.369	ug/l #	60
11) Tert butyl alcohol	4.966	59	43	Below Cal	#	89
16) Acetone	3.936	43	58	1.045	ug/l #	46
20) Methylene Chloride	4.716	84	624	Below Cal	#	54
25) 2-Butanone	6.984	43	179	2.274	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	444	2.106	ug/l #	54
36) 1,1-Dichloropropene	7.789	75	1146	6.497	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1329	7.295	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2600	39.785	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2600	87.763	ug/l #	10
95) Naphthalene	15.239	128	272	1.107	ug/l #	69

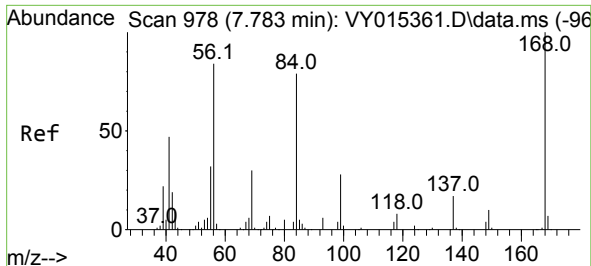
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
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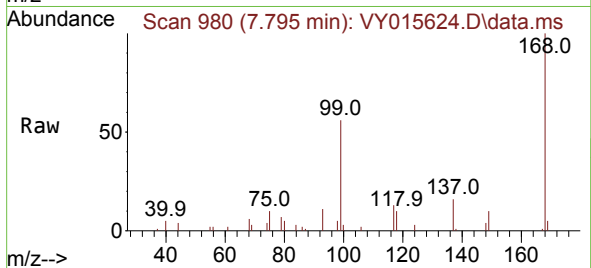
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



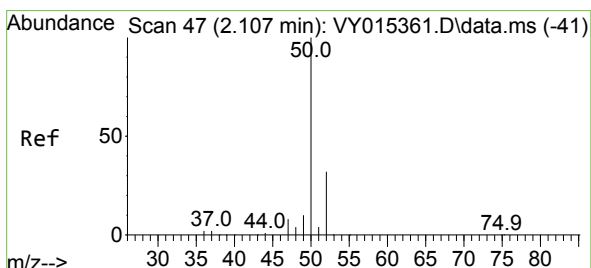
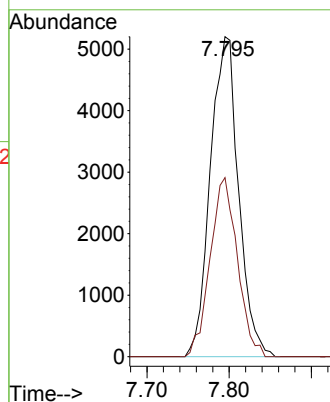
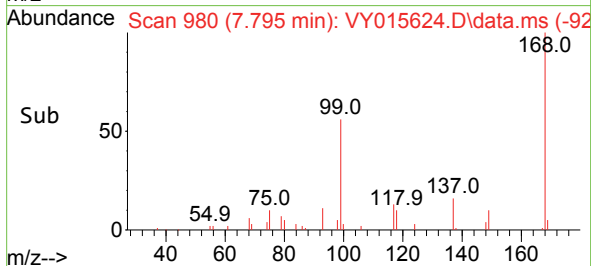


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

Instrument :
MSVOA_Y
ClientSampleId :

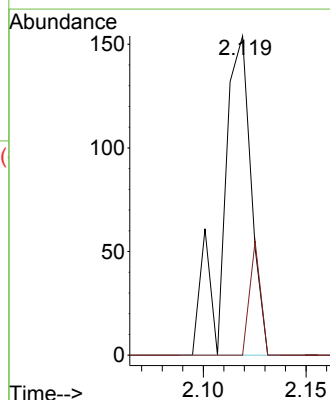
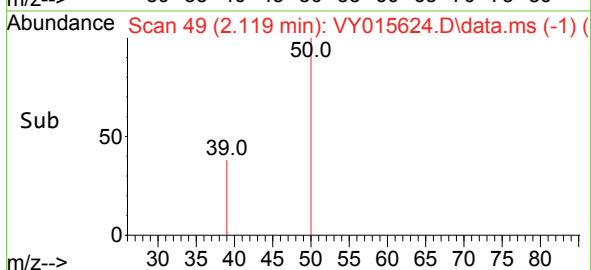
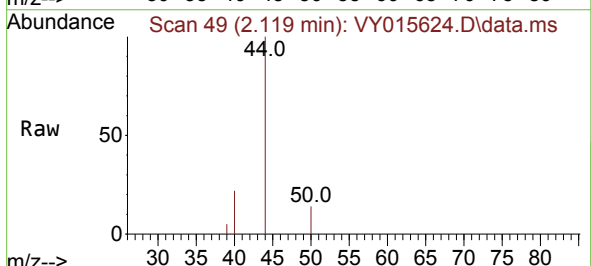


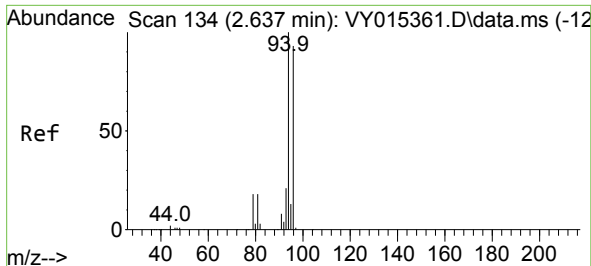
Tgt Ion:168 Resp: 12405
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#3
Chloromethane
Concen: 1.019 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

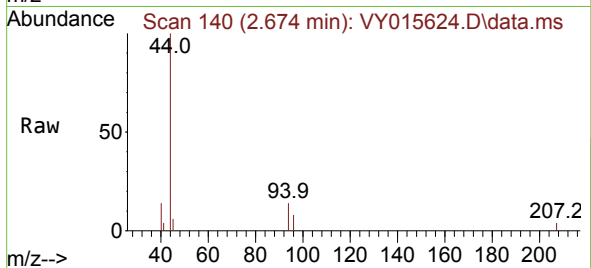
Tgt Ion: 50 Resp: 146
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



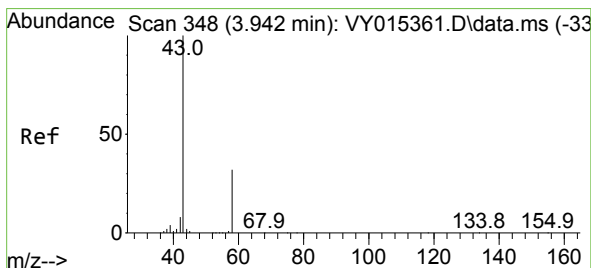
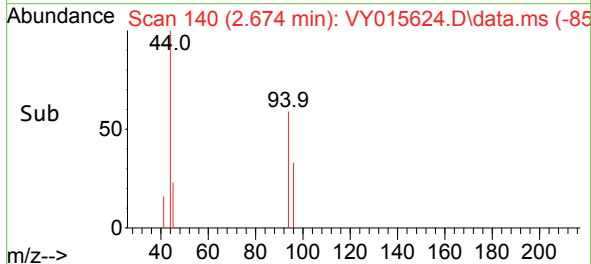
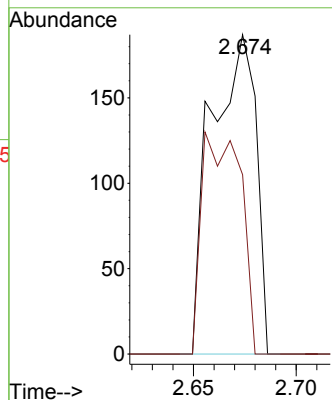


#5
Bromomethane
Concen: 2.369 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.037 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

Instrument :
MSVOA_Y
ClientSampleId :

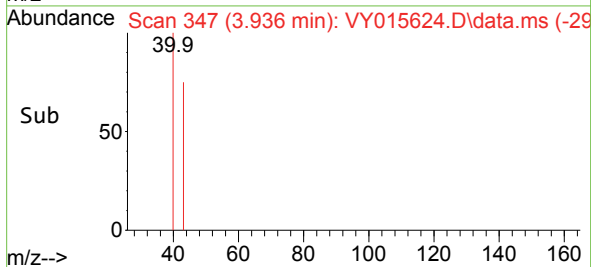
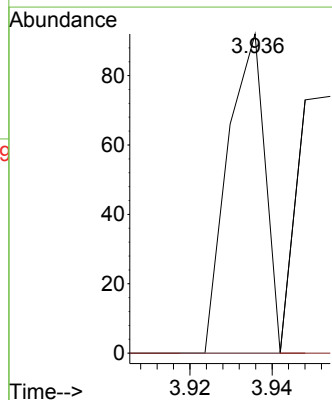
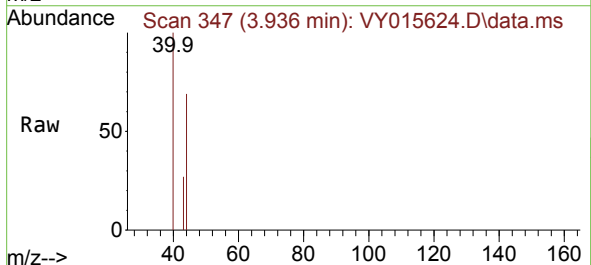


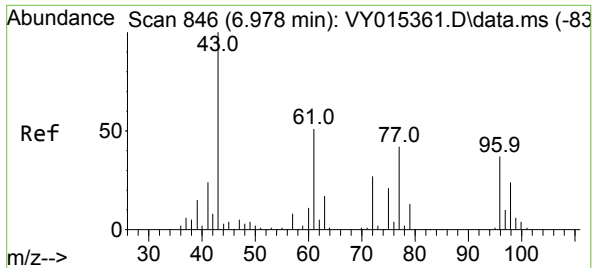
Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 56.1 75.8 113.6#



#16
Acetone
Concen: 1.045 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#

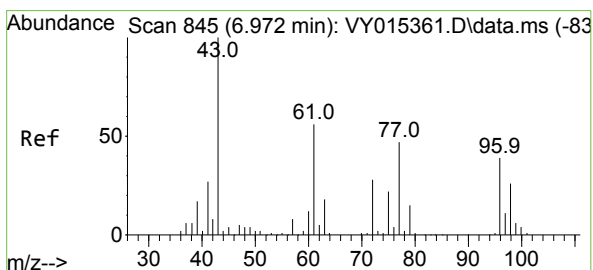
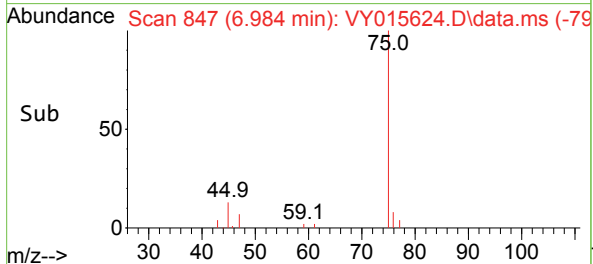
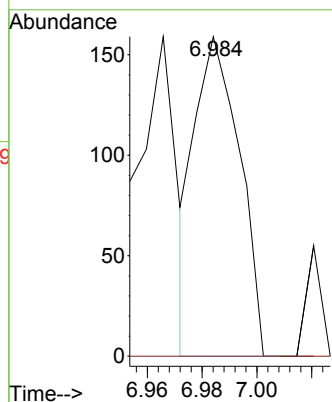
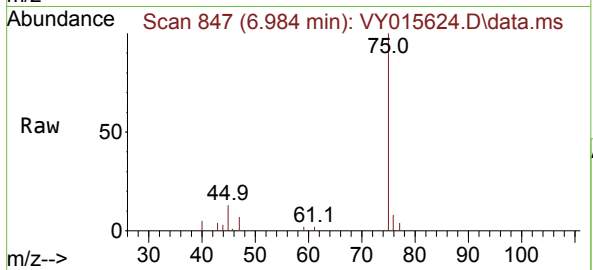




#25
2-Butanone
Concen: 2.274 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

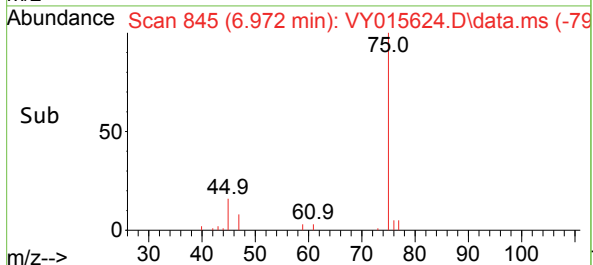
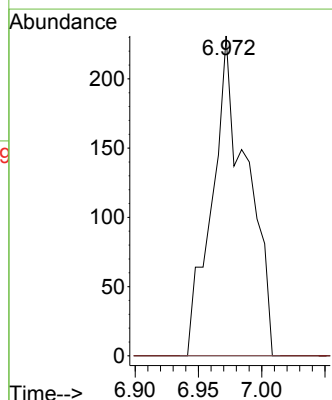
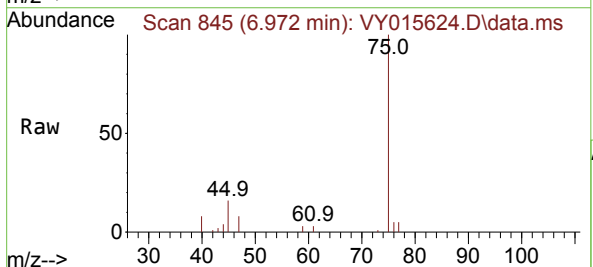
Instrument :
MSVOA_Y
ClientSampleId :

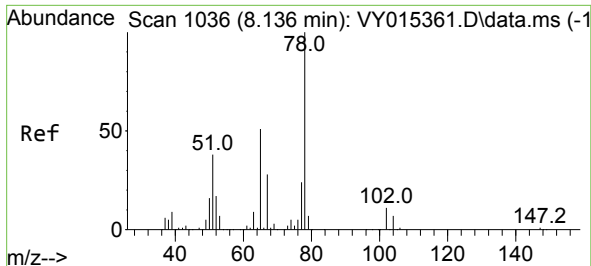
Tgt Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.106 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

Tgt Ion: 77 Resp: 444
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

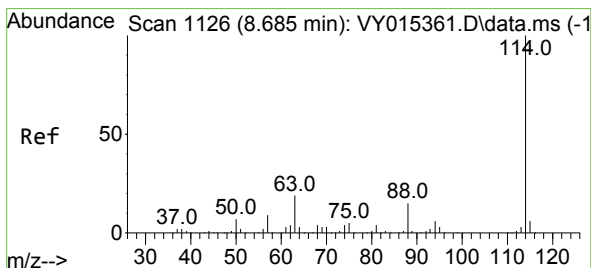
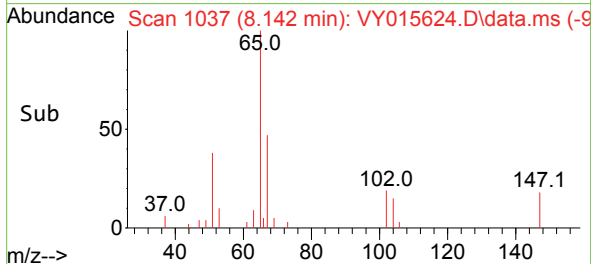
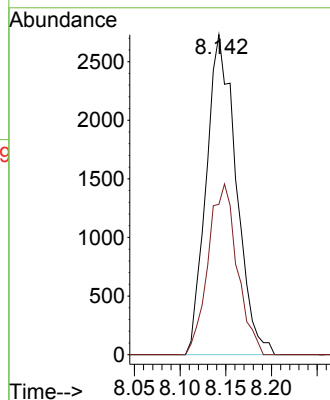
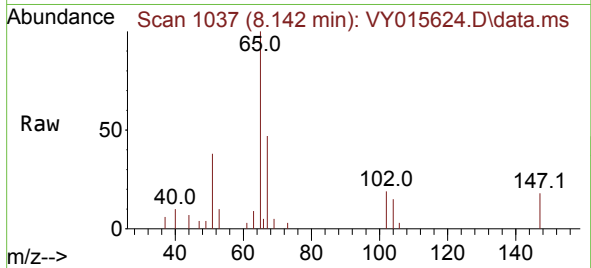




#33
1,2-Dichloroethane-d4
Concen: 46.706 ug/l
RT: 8.142 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

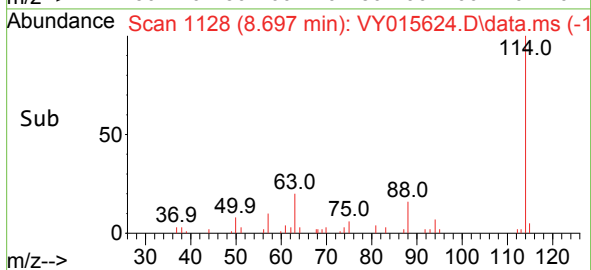
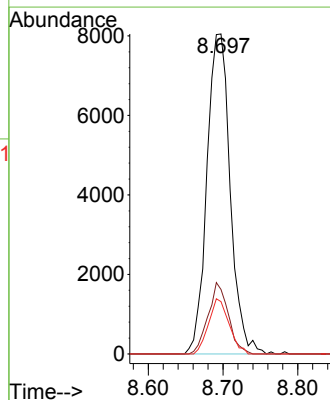
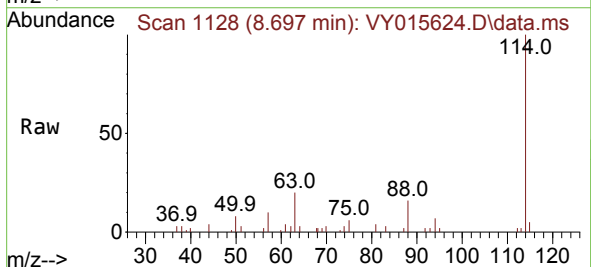
Instrument :
MSVOA_Y
ClientSampleId :

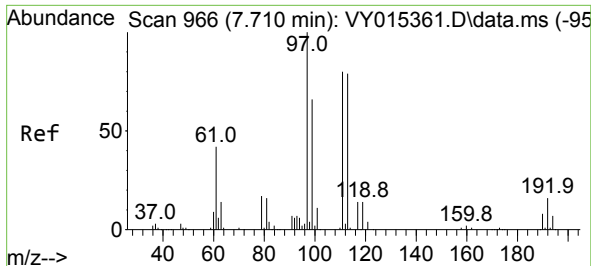
Tgt Ion: 65 Resp: 6211
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

Tgt Ion: 114 Resp: 17442
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.4
88 16.3 0.0 30.6

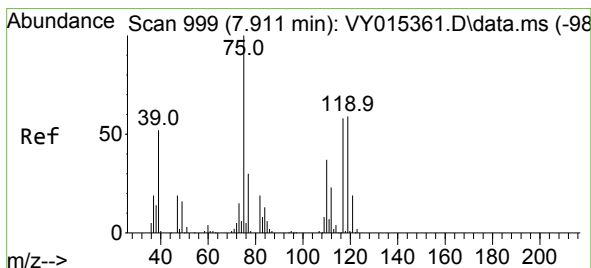
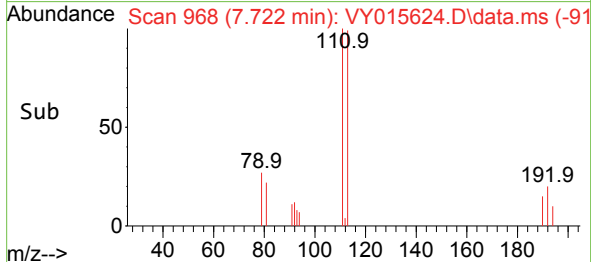
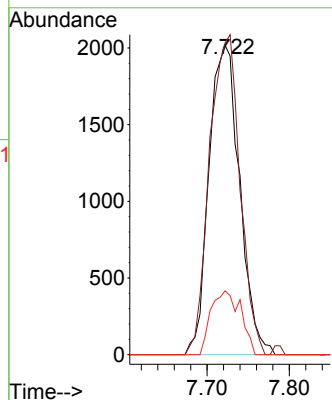
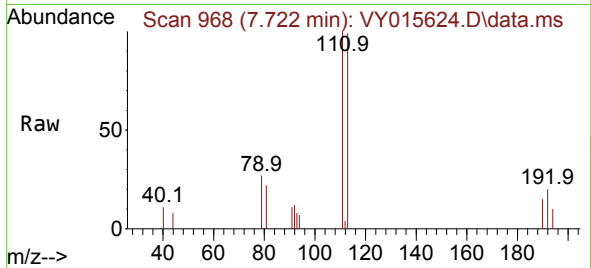




#35
Dibromofluoromethane
Concen: 52.149 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

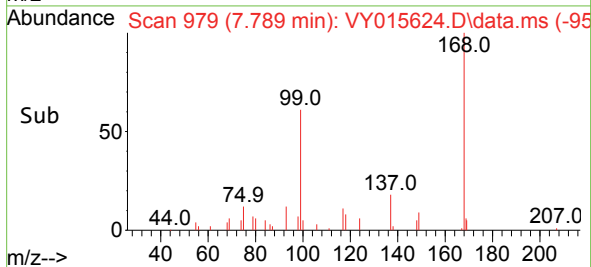
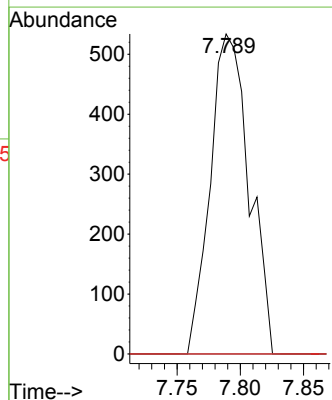
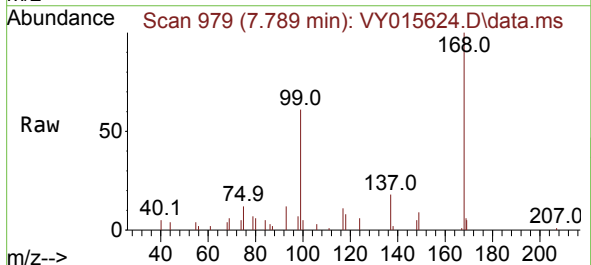
Instrument :
MSVOA_Y
ClientSampleId :

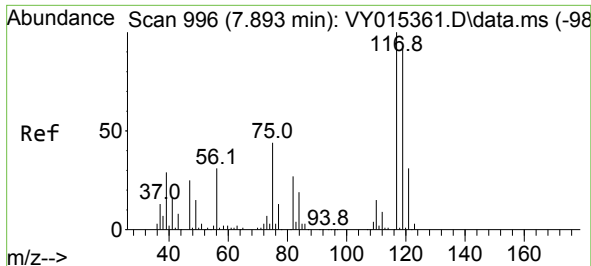
Tgt Ion:113 Resp: 5239
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.497 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

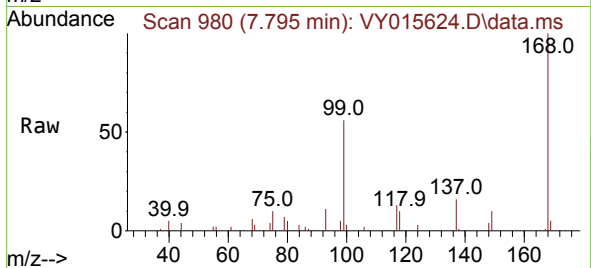
Tgt Ion: 75 Resp: 1146
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



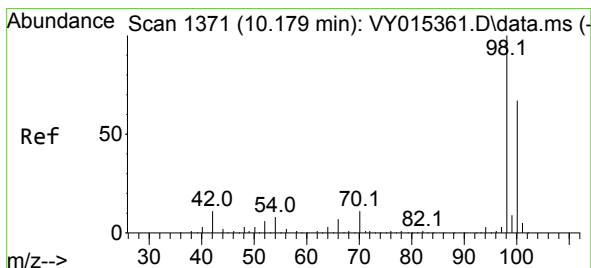
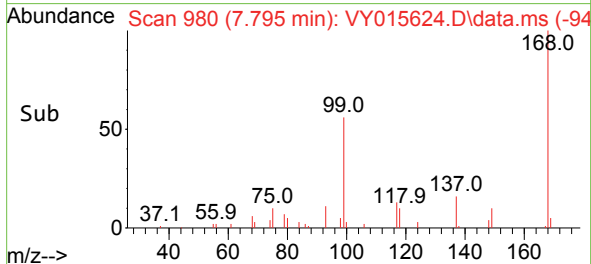
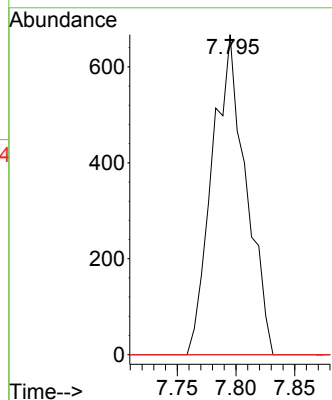


#38
Carbon Tetrachloride
Concen: 7.295 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

Instrument :
MSVOA_Y
ClientSampleId :

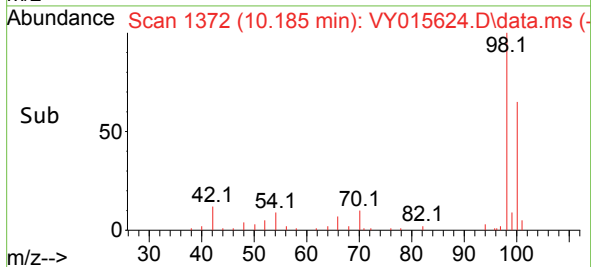
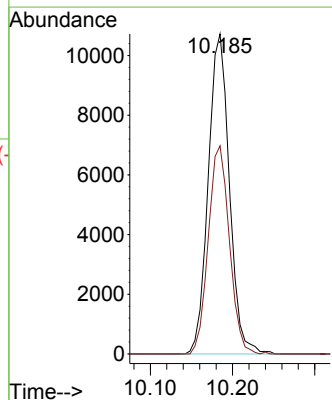
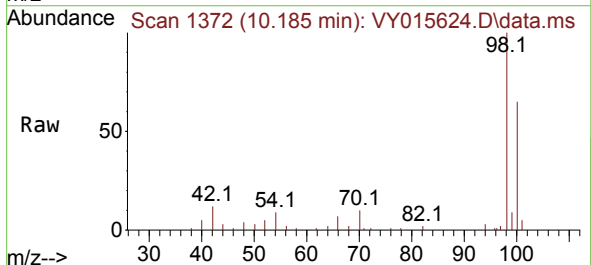


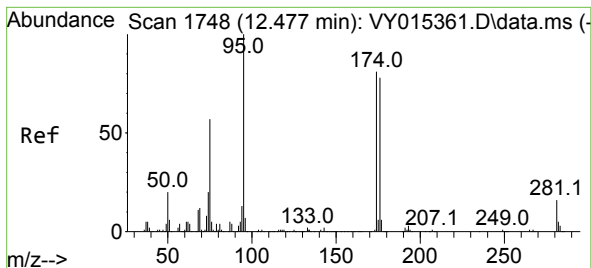
Tgt Ion:117 Resp: 1329
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.590 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

Tgt Ion: 98 Resp: 19133
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

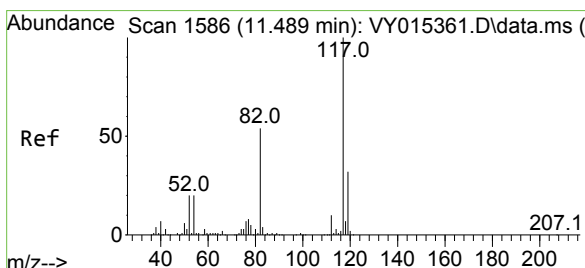
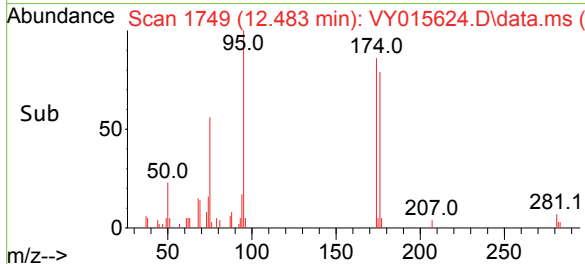
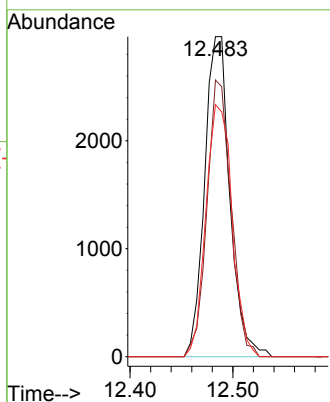
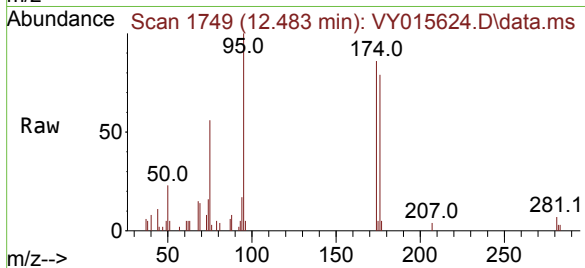




#62
4-Bromofluorobenzene
Concen: 37.502 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

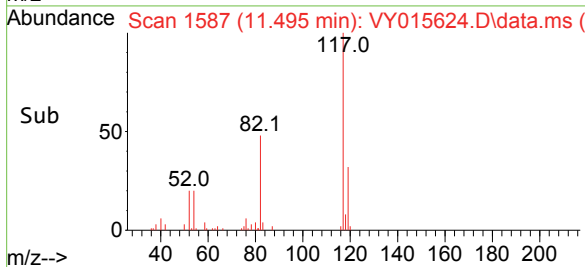
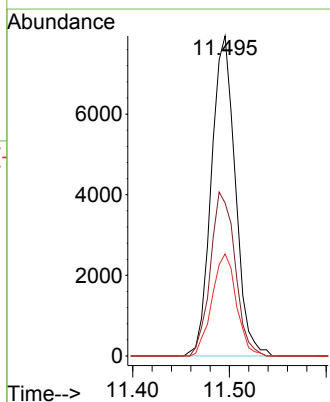
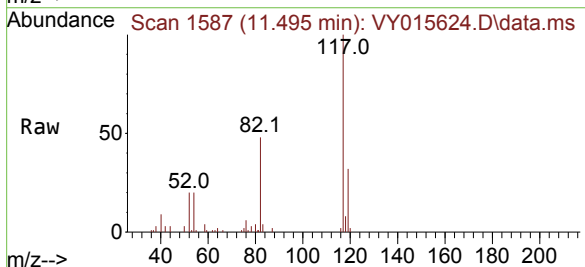
Instrument :
MSVOA_Y
ClientSampleId :

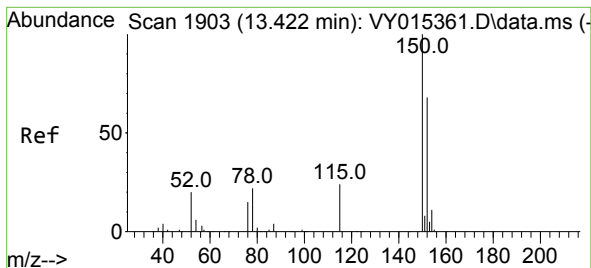
Tgt Ion: 95	Resp: 5065
Ion Ratio	Lower Upper
95 100	
174 82.4	0.0 178.2
176 81.6	0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

Tgt Ion: 117	Resp: 13617
Ion Ratio	Lower Upper
117 100	
82 47.8	43.4 65.0
119 31.9	26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015624.D

Acq: 18 Sep 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

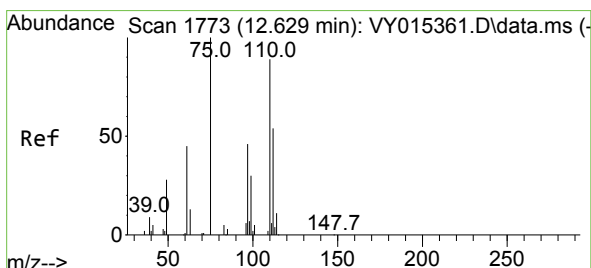
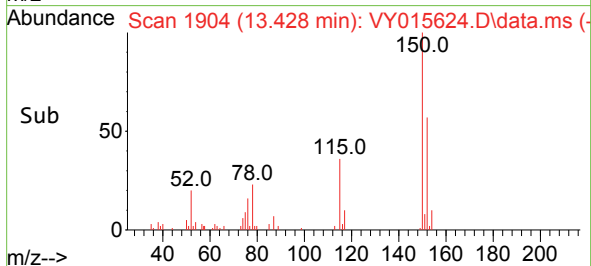
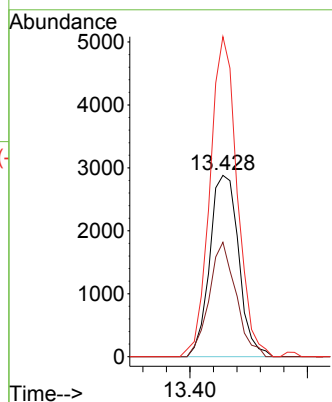
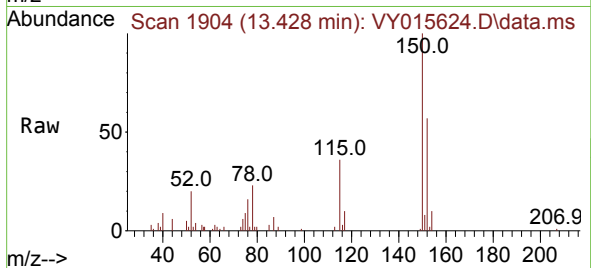
Tgt Ion:152 Resp: 4928

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 166.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 39.785 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015624.D

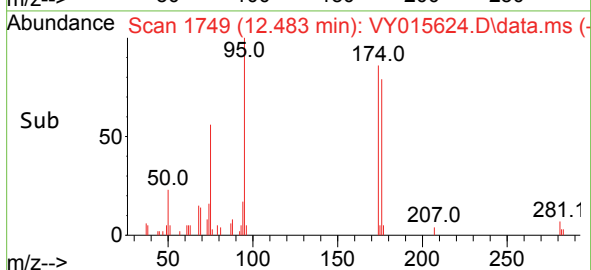
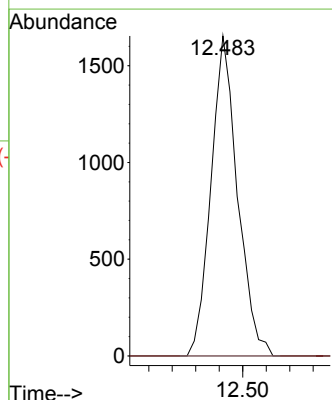
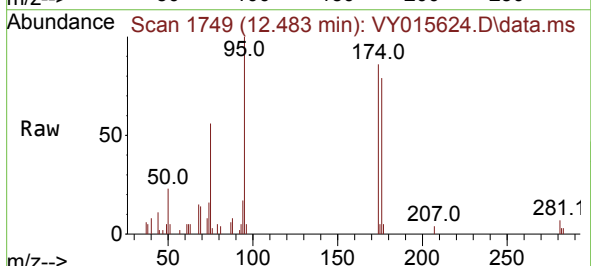
Acq: 18 Sep 2023 18:57

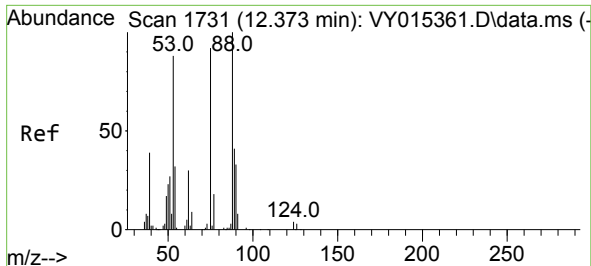
Tgt Ion: 75 Resp: 2600

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

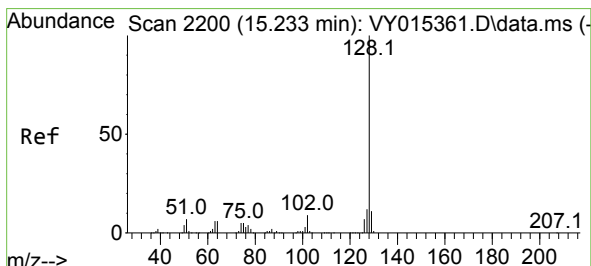
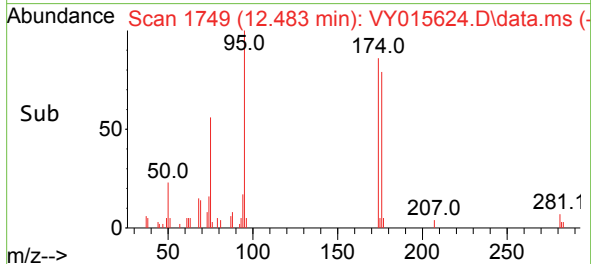
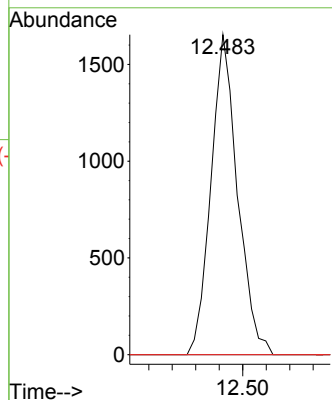
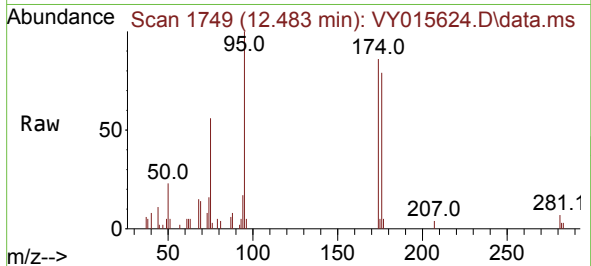




#81
trans-1,4-Dichloro-2-butene
Concen: 87.763 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2600
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.107 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015624.D
Acq: 18 Sep 2023 18:57

Tgt Ion:128 Resp: 272
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

