

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017155.D
 Acq On : 31 Jan 2024 13:14
 Operator : SY/MD
 Sample : P1296-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-013024

Quant Time: Jan 31 22:58:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

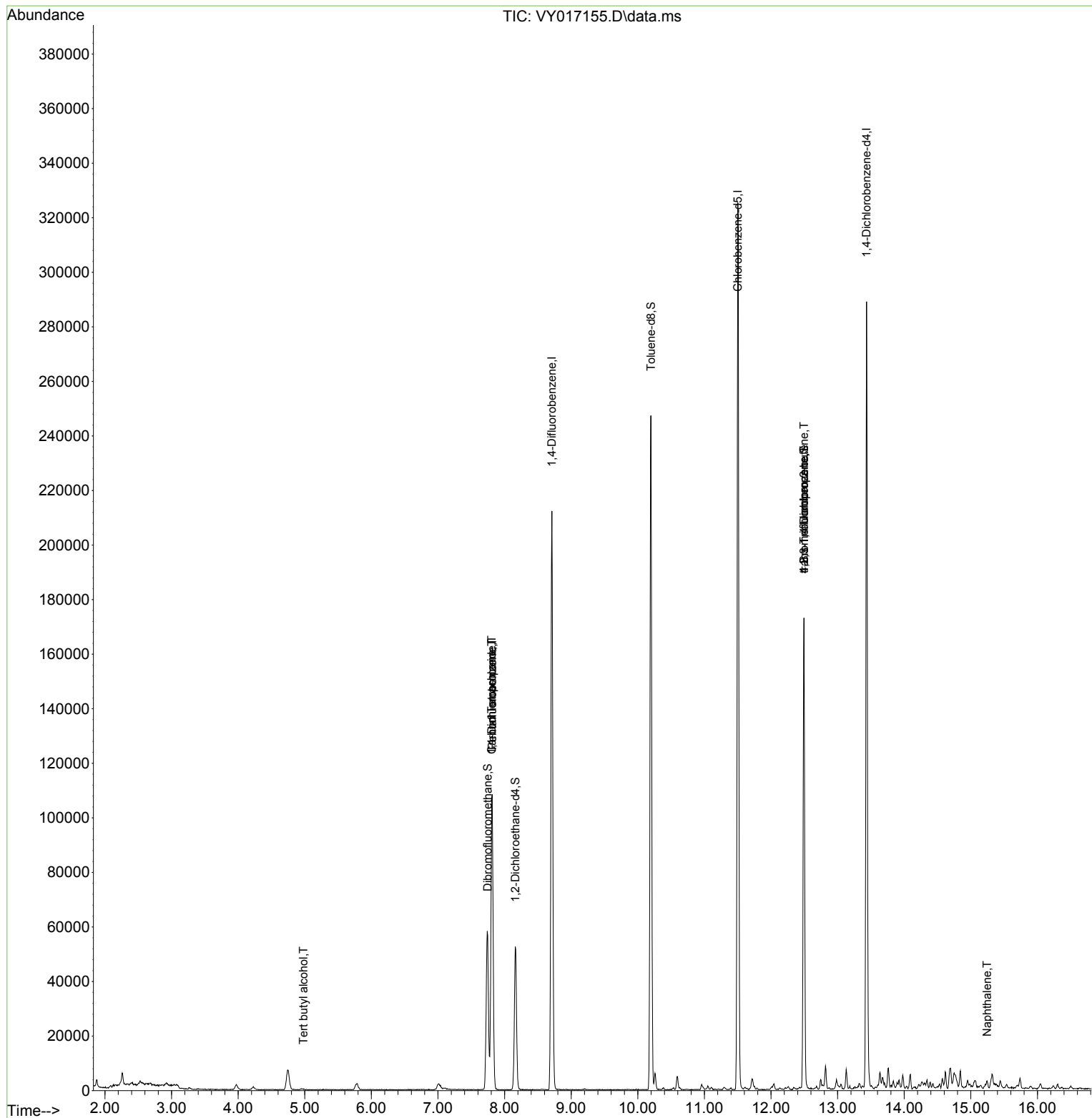
Internal Standards						
1) Pentafluorobenzene	7.813	168	81932	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	177798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	175668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	39970	50.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.140%	
35) Dibromofluoromethane	7.746	113	42067	39.202	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.400%	
50) Toluene-d8	10.197	98	158345	39.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.140%	
62) 4-Bromofluorobenzene	12.495	95	53681	42.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.980%	
Target Compounds						Qvalue
3) Chloromethane	2.125	50	140	Below Cal	#	41
4) Vinyl Chloride	2.308	62	42	Below Cal	#	43
5) Bromomethane	2.686	94	176	Below Cal		85
6) Chloroethane	3.070	64	19	Below Cal	#	43
11) Tert butyl alcohol	4.978	59	272	4.383	ug/l #	75
16) Acetone	3.972	43	3240	Below Cal		91
25) 2-Butanone	7.015	43	733	Below Cal	#	48
31) Cyclohexane	7.801	56	2148	Below Cal	#	59
36) 1,1-Dichloropropene	7.807	75	6983	3.955	ug/l #	49
38) Carbon Tetrachloride	7.807	117	8557	4.946	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	28664	34.407	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	28664	89.076	ug/l #	12
95) Naphthalene	15.245	128	1922	1.012	ug/l	95

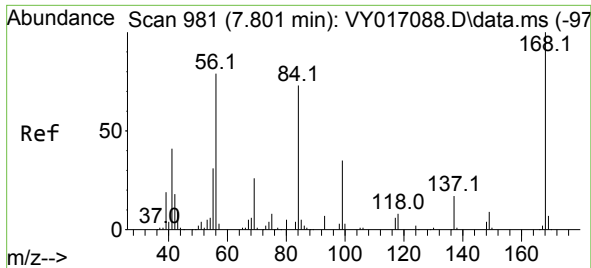
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
Data File : VY017155.D
Acq On : 31 Jan 2024 13:14
Operator : SY/MD
Sample : P1296-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

Quant Time: Jan 31 22:58:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

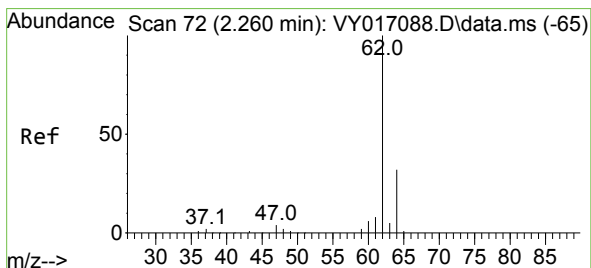
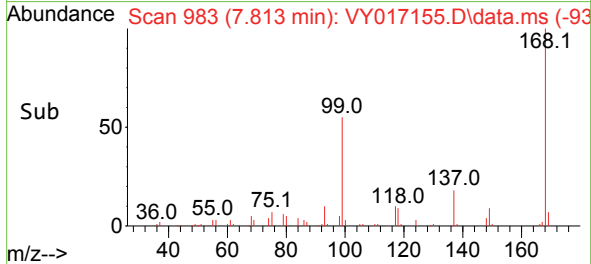
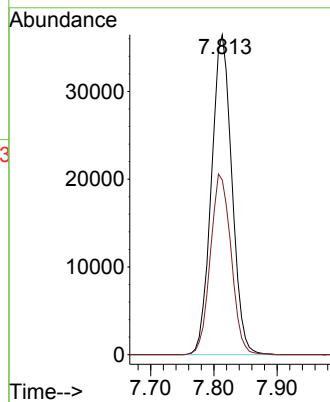
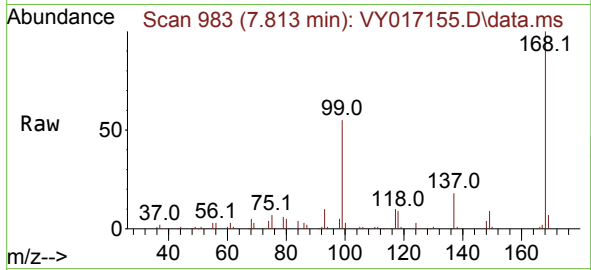




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

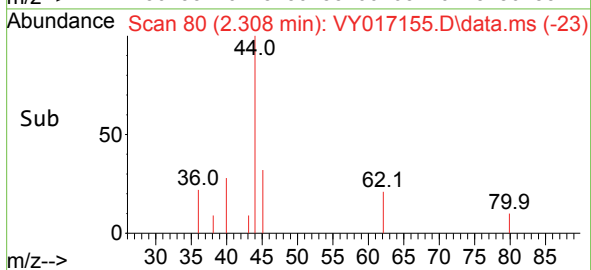
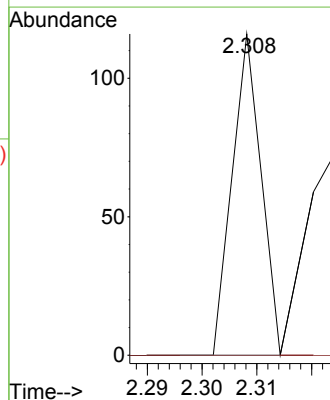
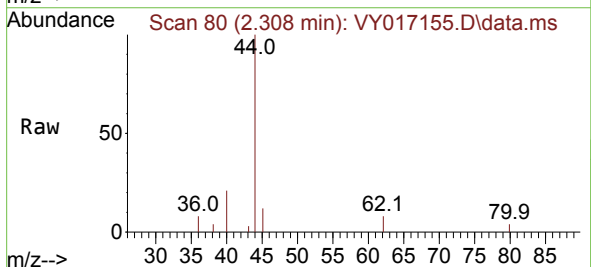
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

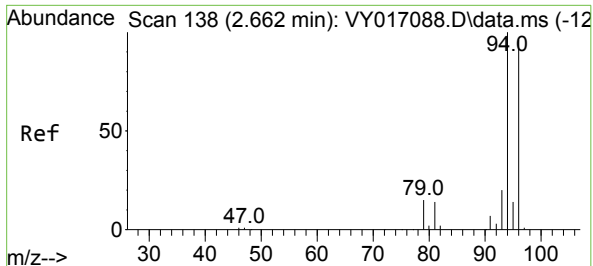
Tgt Ion:168 Resp: 81932
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.308 min Scan# 80
Delta R.T. 0.049 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Tgt Ion: 62 Resp: 42
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

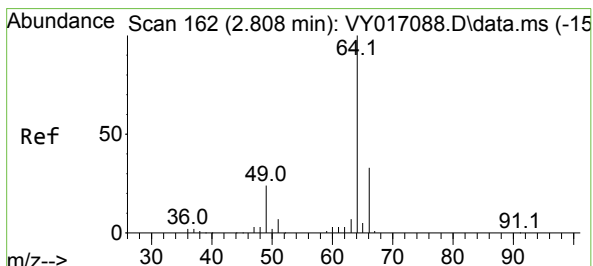
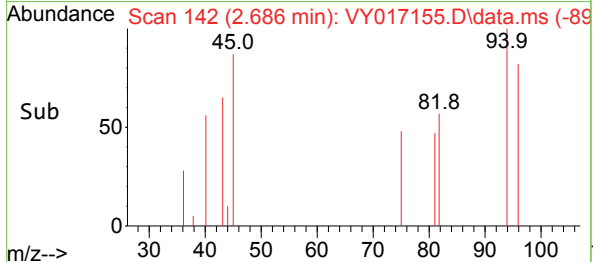
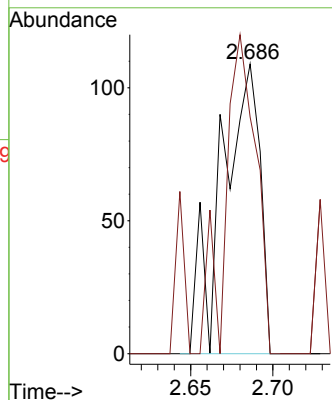
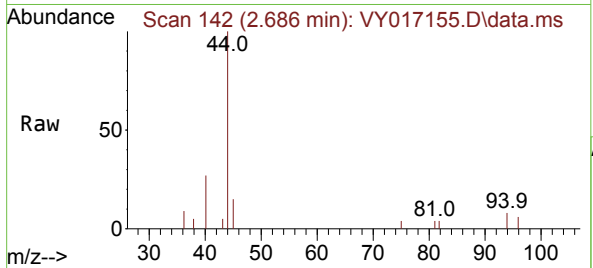




#5
Bromomethane
Concen: Below Cal
RT: 2.686 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

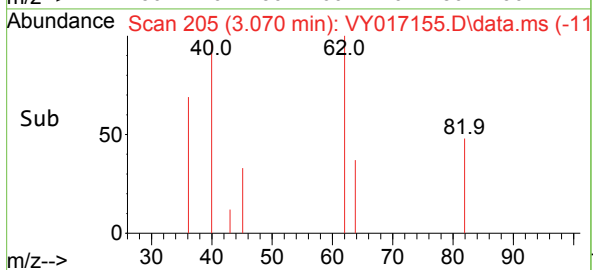
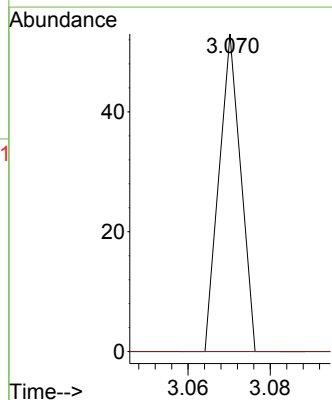
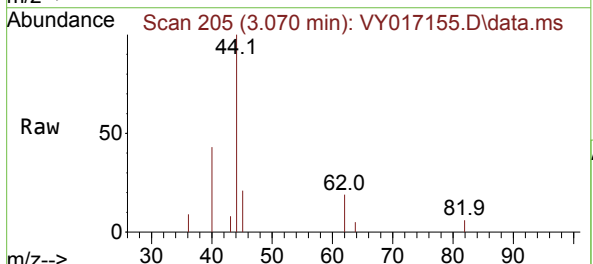
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

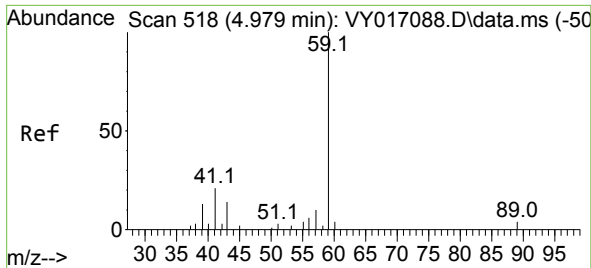
Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 81.7 77.3 115.9



#6
Chloroethane
Concen: Below Cal
RT: 3.070 min Scan# 205
Delta R.T. 0.262 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 4.383 ug/l

RT: 4.978 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY017155.D

Acq: 31 Jan 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :

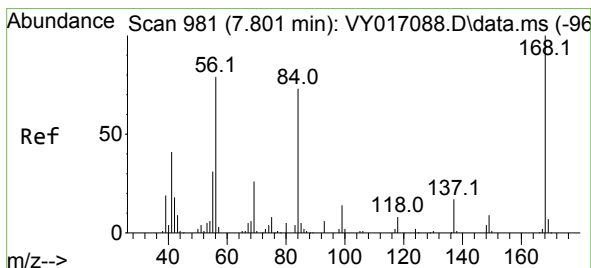
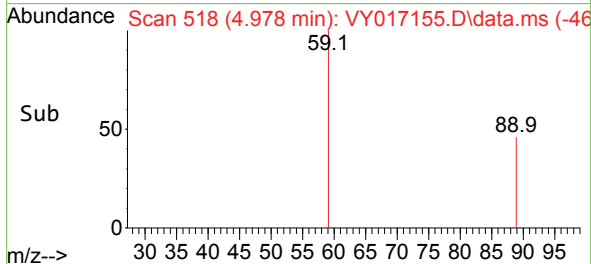
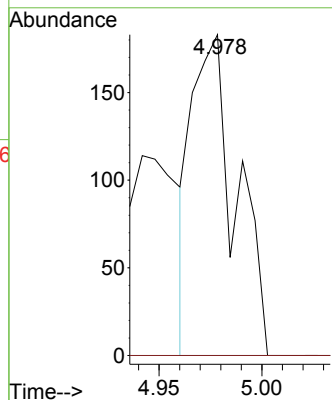
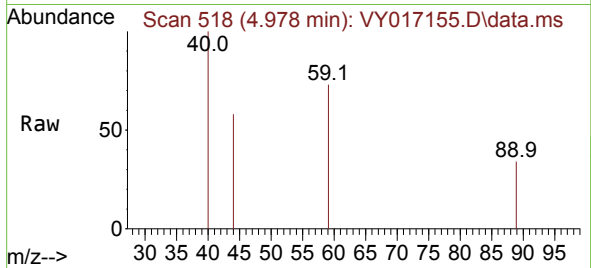
EO-01-013024

Tgt Ion: 59 Resp: 272

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



#31

Cyclohexane

Concen: Below Cal

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY017155.D

Acq: 31 Jan 2024 13:14

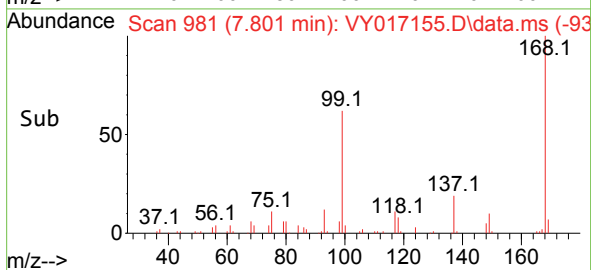
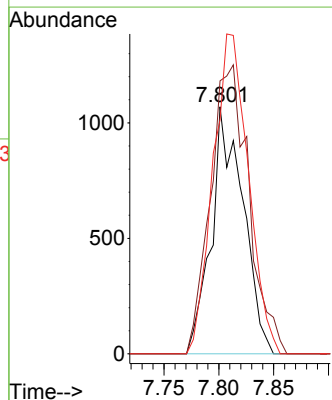
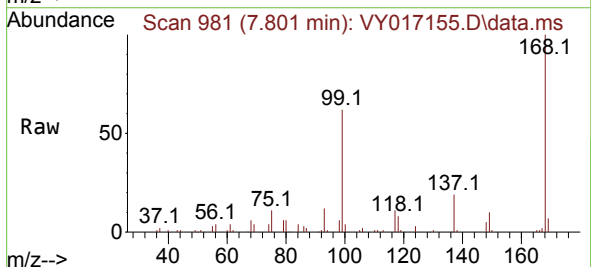
Tgt Ion: 56 Resp: 2148

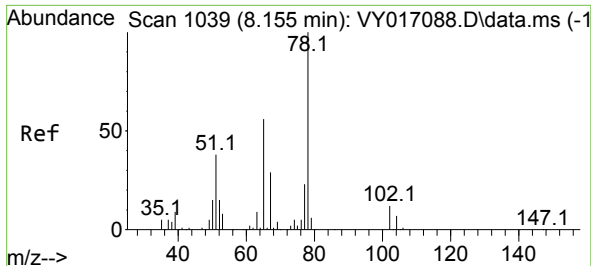
Ion Ratio Lower Upper

56 100

69 110.5 27.0 40.6#

84 94.7 71.8 107.6

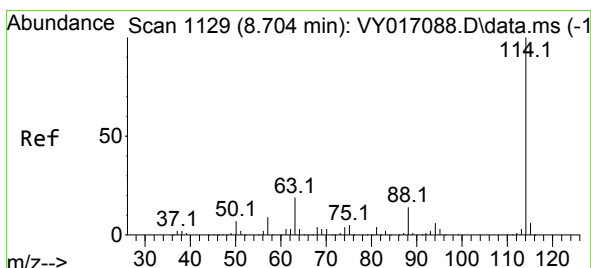
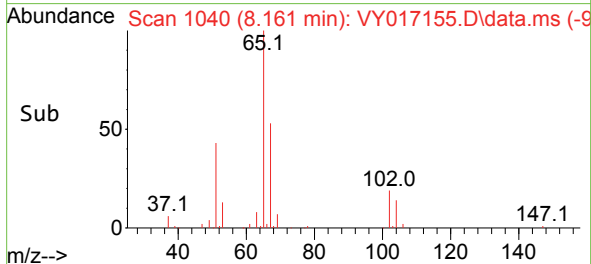
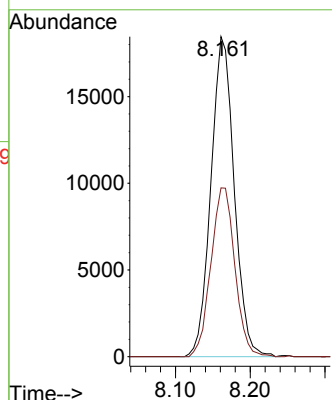
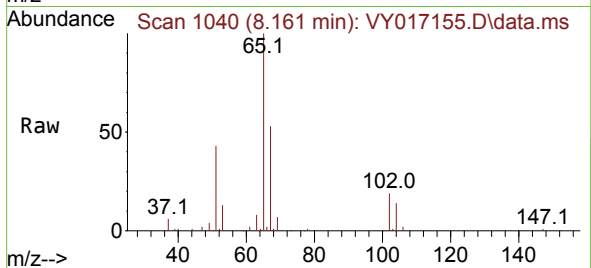




#33
1,2-Dichloroethane-d4
Concen: 50.071 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

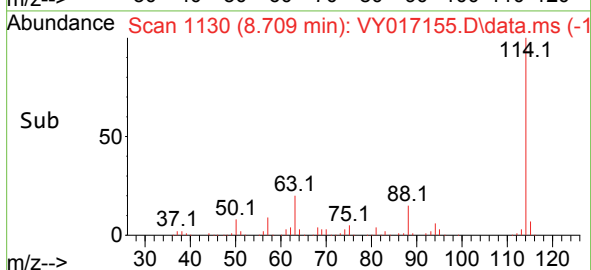
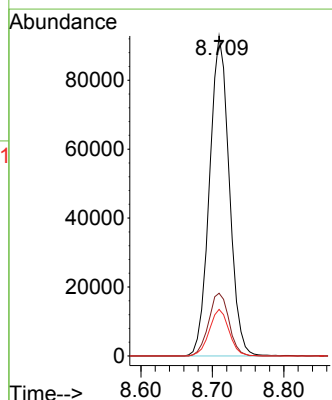
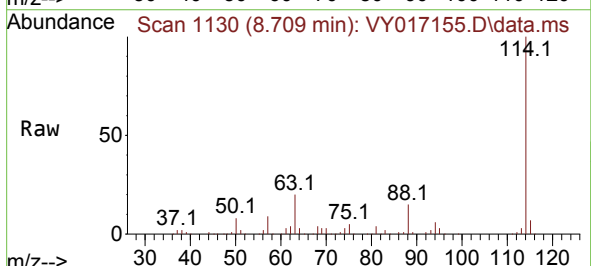
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

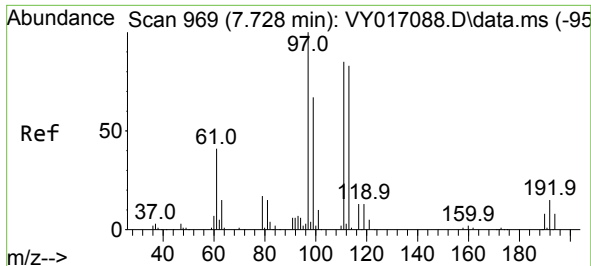
Tgt Ion: 65 Resp: 39970
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Tgt Ion:114 Resp: 177798
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.4
88 14.6 0.0 29.0

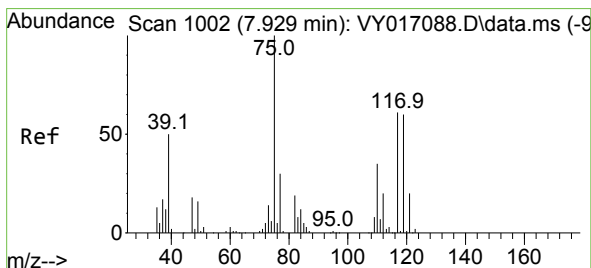
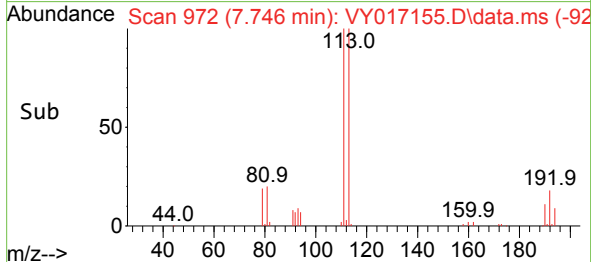
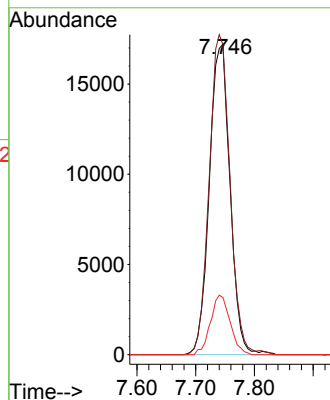
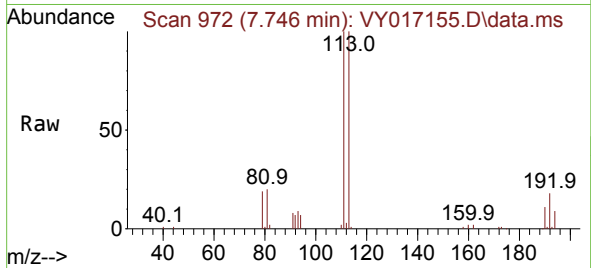




#35
Dibromofluoromethane
Concen: 39.202 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

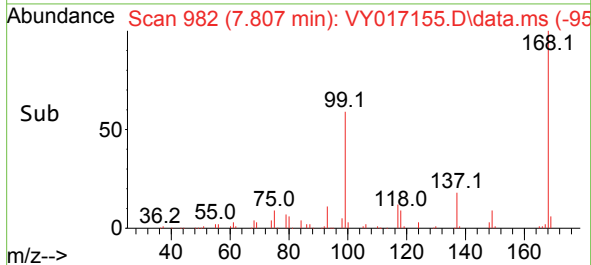
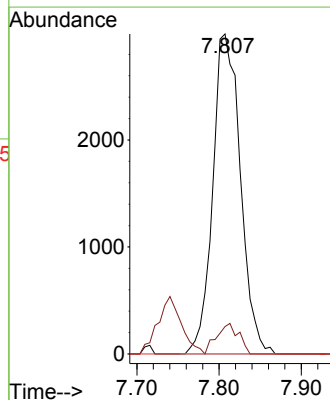
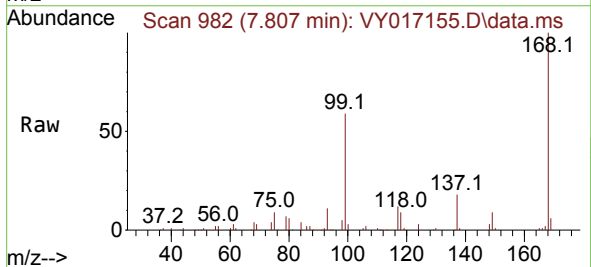
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

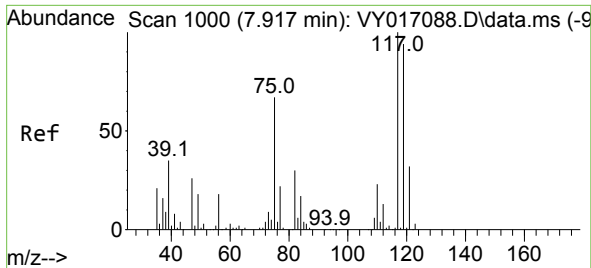
Tgt Ion:113 Resp: 42067
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 3.955 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Tgt Ion: 75 Resp: 6983
Ion Ratio Lower Upper
75 100
110 7.6 17.4 52.3#
77 0.0 24.7 37.1#

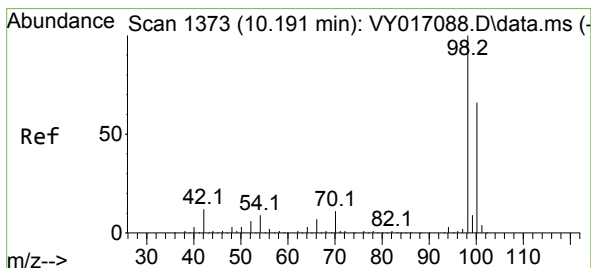
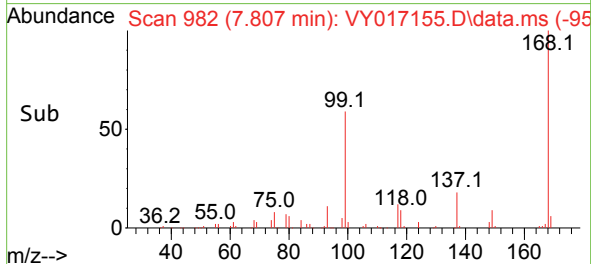
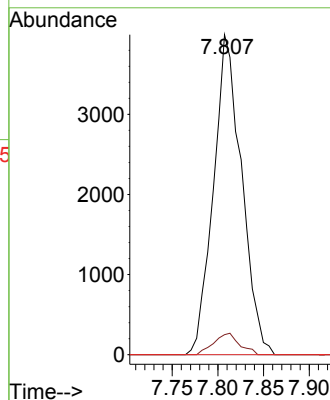
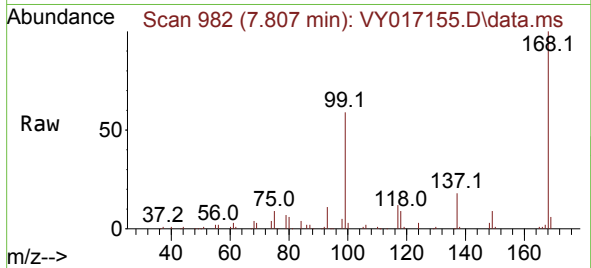




#38
Carbon Tetrachloride
Concen: 4.946 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

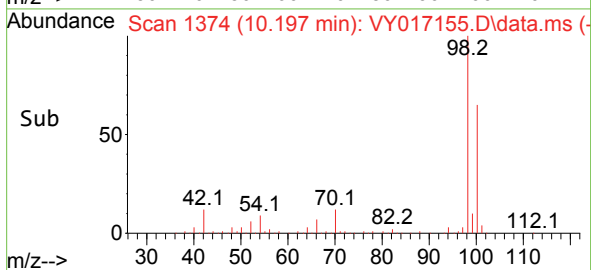
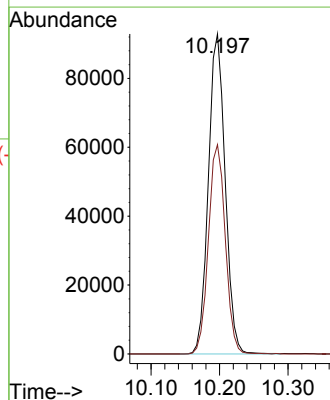
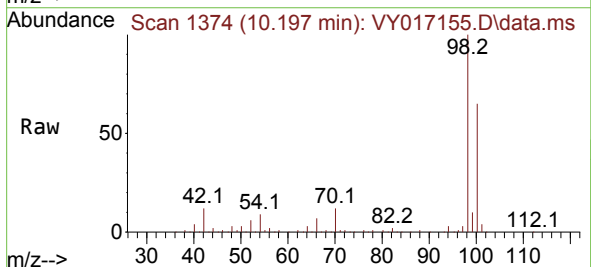
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

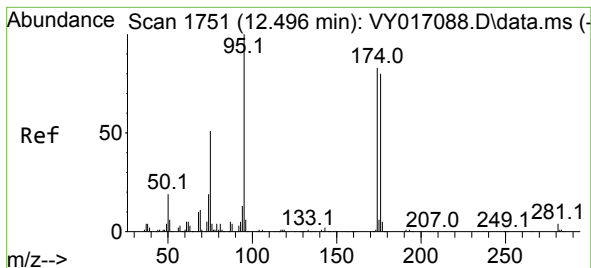
Tgt Ion:117 Resp: 8557
Ion Ratio Lower Upper
117 100
119 6.2 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.068 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Tgt Ion: 98 Resp: 158345
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 42.994 ug/l

RT: 12.495 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017155.D

Acq: 31 Jan 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-013024

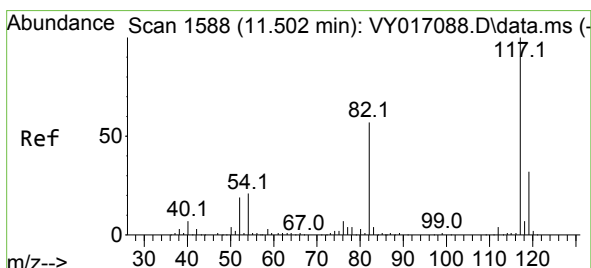
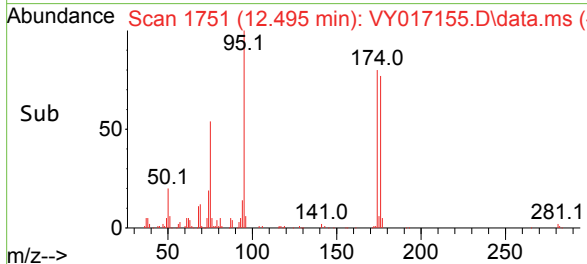
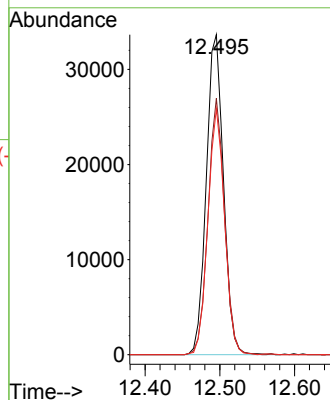
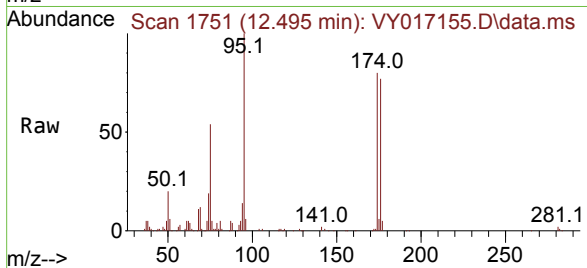
Tgt Ion: 95 Resp: 53681

Ion Ratio Lower Upper

95 100

174 77.2 0.0 160.0

176 74.6 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. -0.000 min

Lab File: VY017155.D

Acq: 31 Jan 2024 13:14

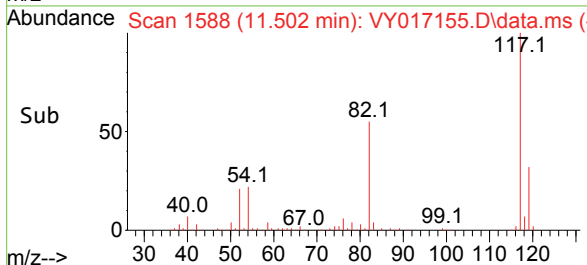
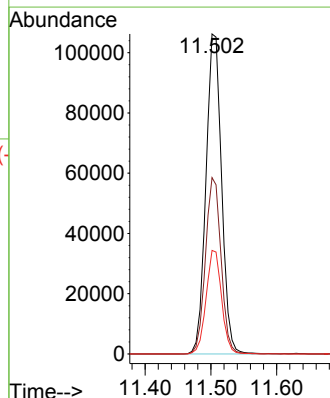
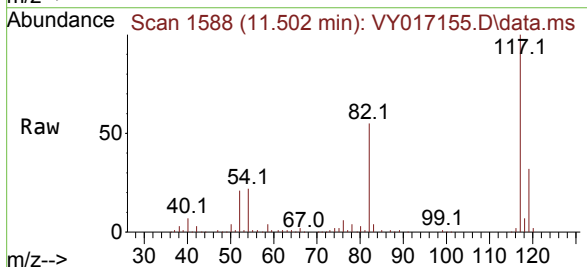
Tgt Ion: 117 Resp: 175668

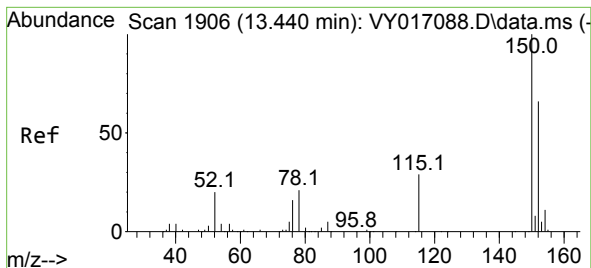
Ion Ratio Lower Upper

117 100

82 55.1 43.8 65.8

119 32.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY017155.D

Acq: 31 Jan 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-013024

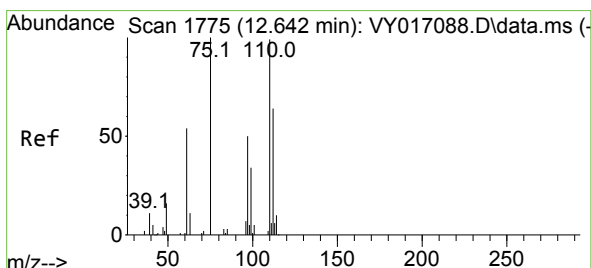
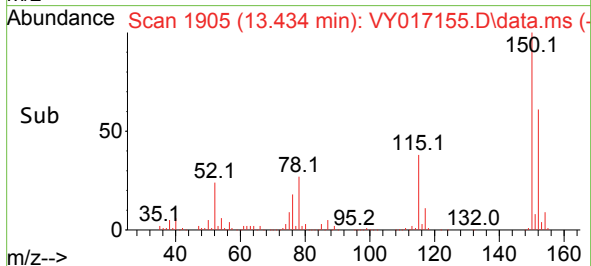
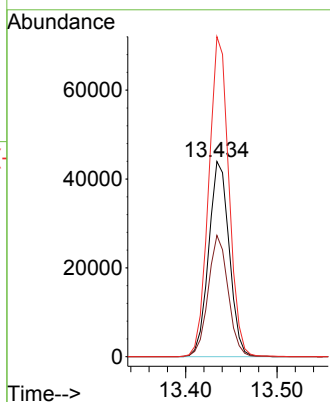
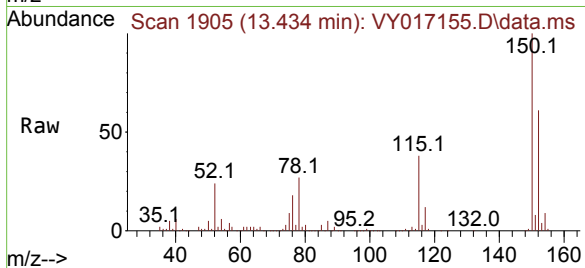
Tgt Ion:152 Resp: 68634

Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 160.9 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 34.407 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY017155.D

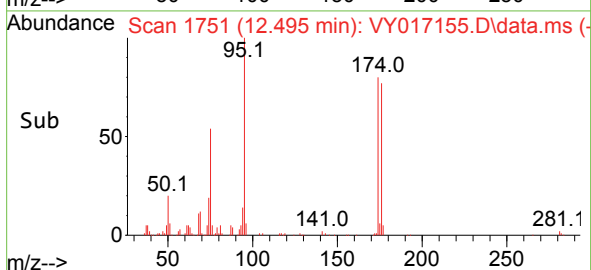
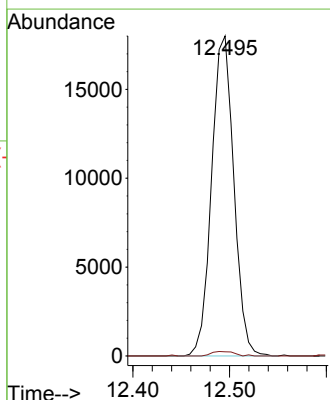
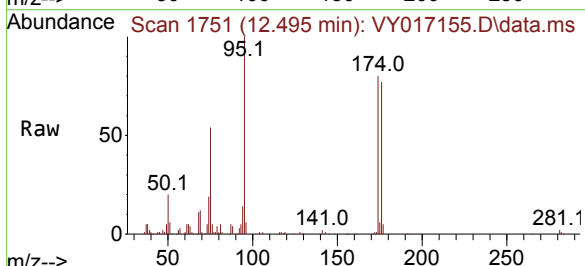
Acq: 31 Jan 2024 13:14

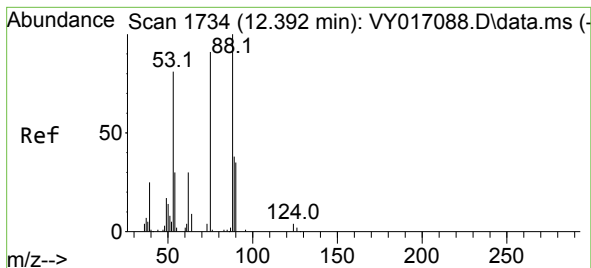
Tgt Ion: 75 Resp: 28664

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

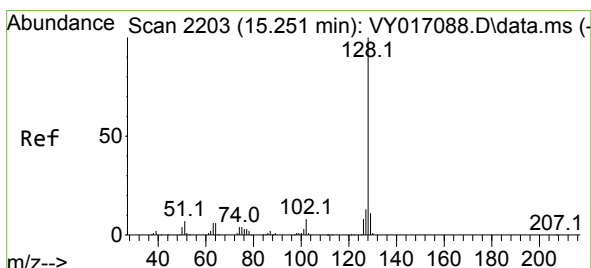
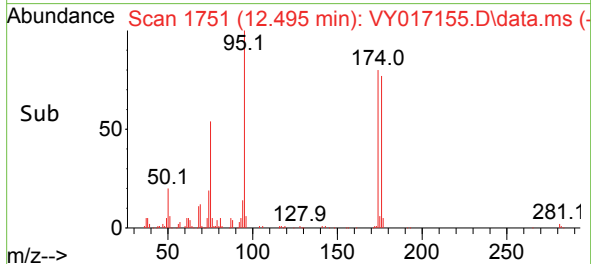
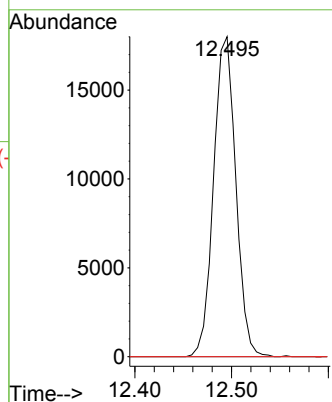
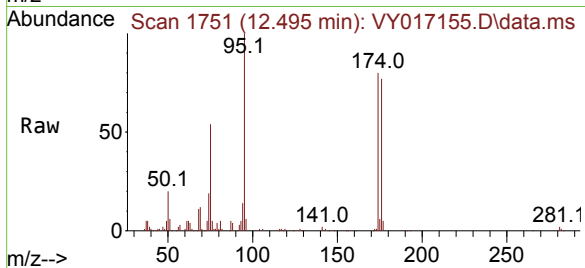




#81
trans-1,4-Dichloro-2-butene
Concen: 89.076 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

Tgt Ion: 75 Resp: 28664
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 1.012 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Tgt Ion: 128 Resp: 1922
Ion Ratio Lower Upper
128 100
127 10.6 10.2 15.4
129 9.4 8.6 12.8

