

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017340.D
 Acq On : 09 Feb 2024 15:32
 Operator : SY/MD
 Sample : P1428-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-020824

Quant Time: Feb 09 22:04:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

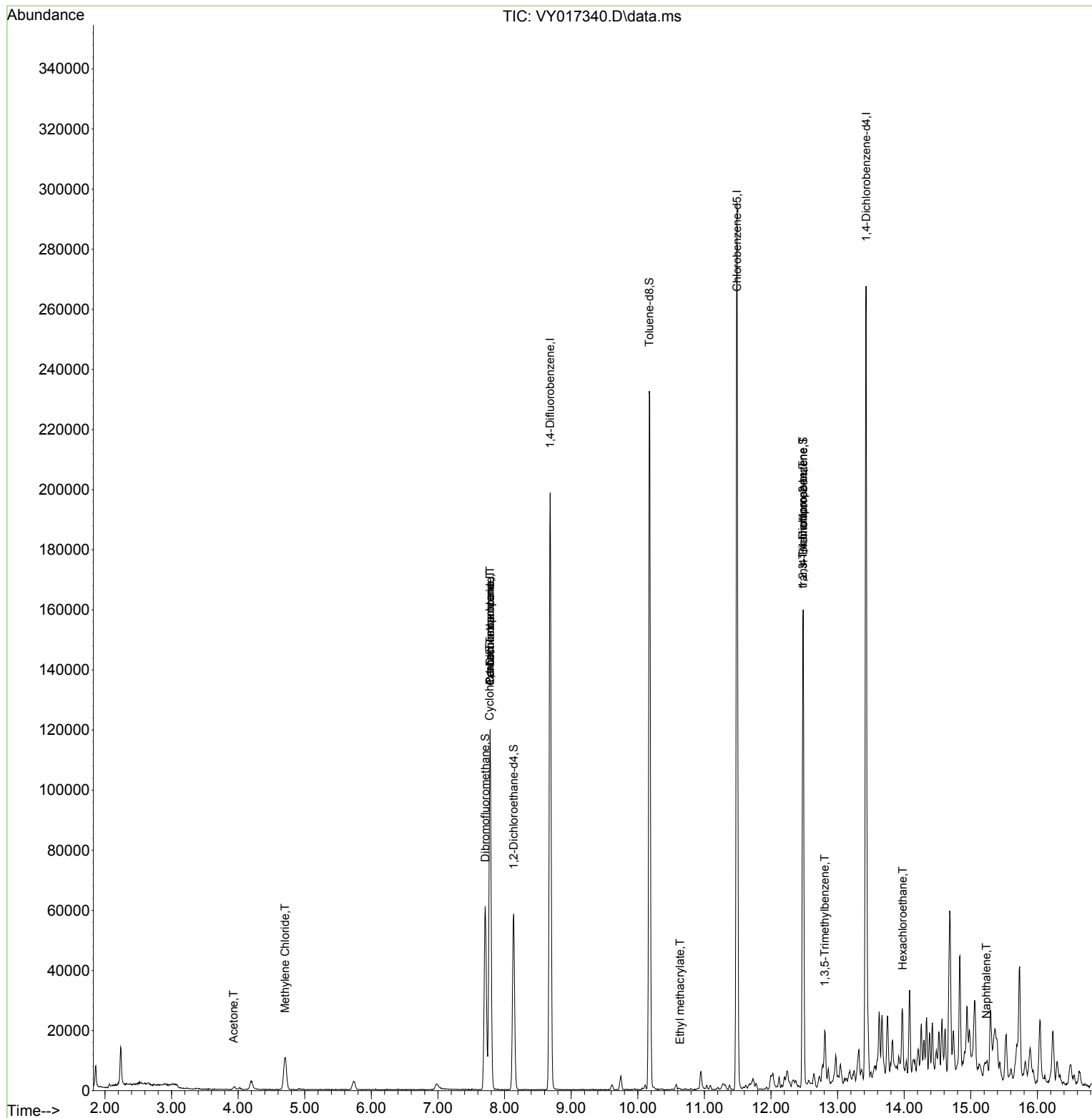
Internal Standards						
1) Pentafluorobenzene	7.783	168	88786	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	172846	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	157531	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	66500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	43583	54.949	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.900%			
35) Dibromofluoromethane	7.710	113	44213	47.375	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.740%			
50) Toluene-d8	10.173	98	157097	46.233	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.460%			
62) 4-Bromofluorobenzene	12.483	95	48184	43.288	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.580%			
Target Compounds						
11) Tert butyl alcohol	4.966	59	122	Below Cal	#	75
16) Acetone	3.930	43	1627	6.979	ug/l	88
20) Methylene Chloride	4.704	84	8218	5.488	ug/l #	95
31) Cyclohexane	7.777	56	1968	1.231	ug/l #	16
36) 1,1-Dichloropropene	7.783	75	7368	4.577	ug/l #	48
38) Carbon Tetrachloride	7.783	117	8988	5.831	ug/l #	16
56) Ethyl methacrylate	10.636	69	38	3.036	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	25287	41.198	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.806	105	4050	1.042	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.477	75	25287	85.605	ug/l #	13
90) Hexachloroethane	13.977	117	1046	1.225	ug/l #	17
95) Naphthalene	15.233	128	1499	4.219	ug/l #	94

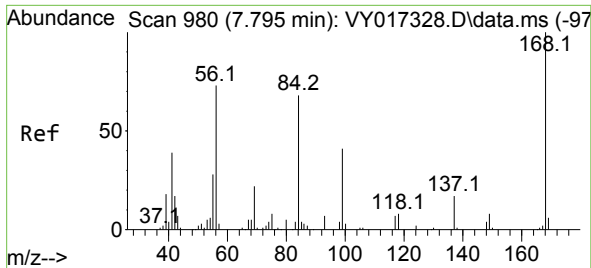
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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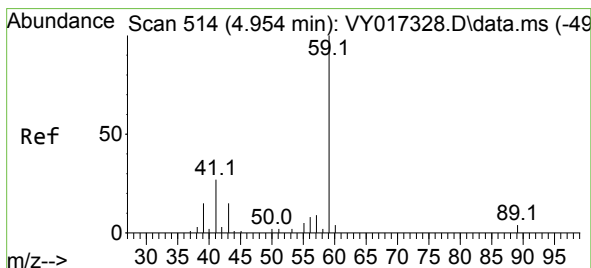
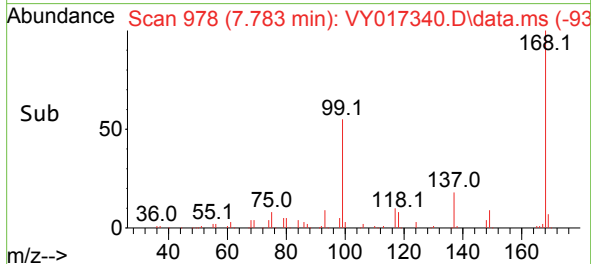
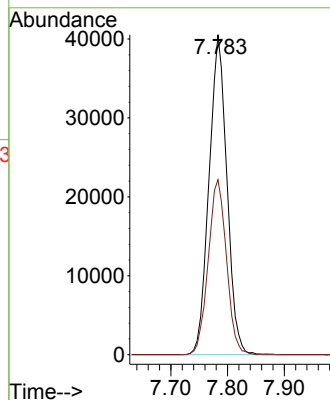
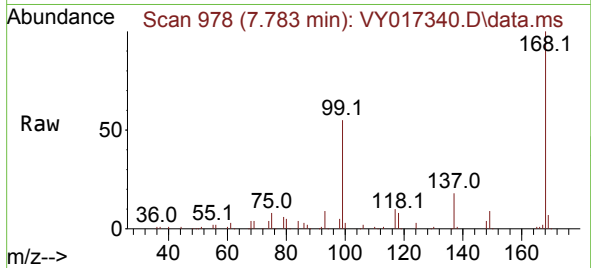




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

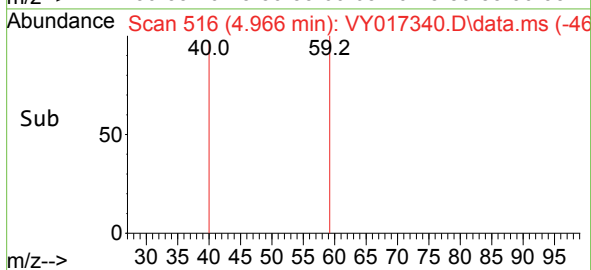
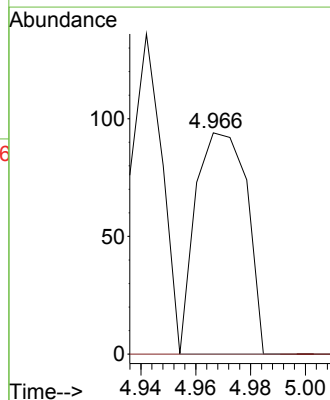
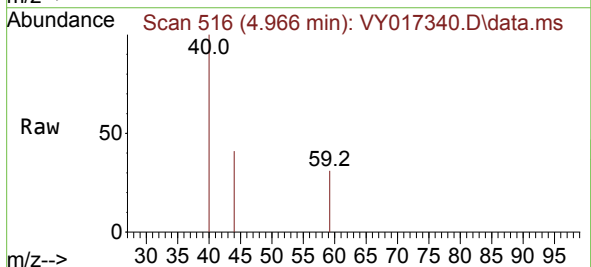
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020824

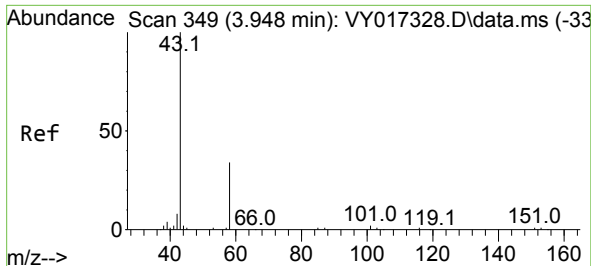
Tgt Ion:168 Resp: 88786
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 6.979 ug/l

RT: 3.930 min Scan# 34

Delta R.T. -0.018 min

Lab File: VY017340.D

Acq: 09 Feb 2024 15:32

Instrument :

MSVOA_Y

ClientSampleId :

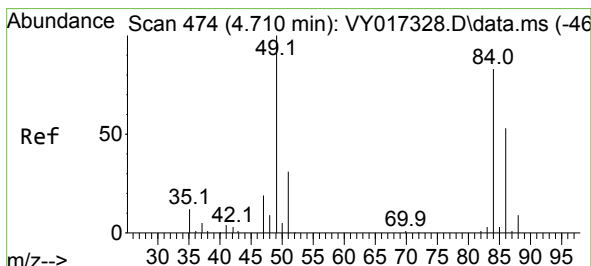
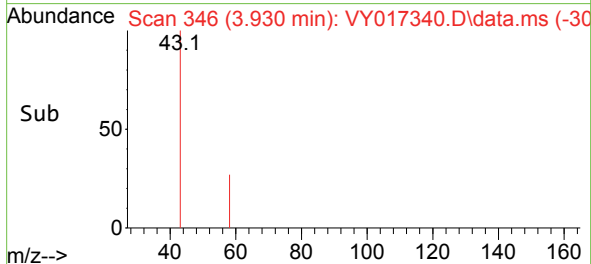
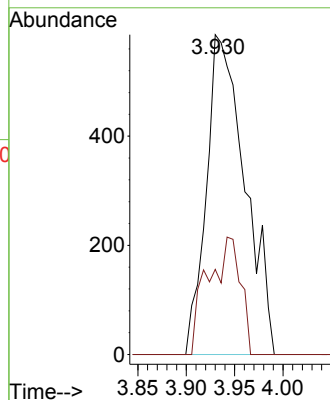
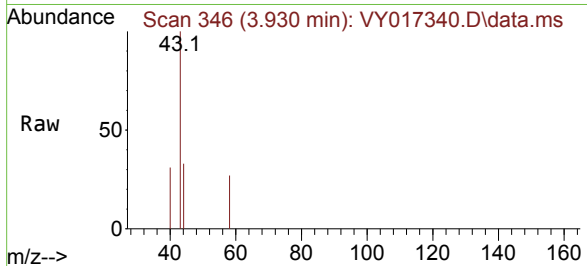
EO-01-020824

Tgt Ion: 43 Resp: 1627

Ion Ratio Lower Upper

43 100

58 26.6 26.6 39.8



#20

Methylene Chloride

Concen: 5.488 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.024 min

Lab File: VY017340.D

Acq: 09 Feb 2024 15:32

Tgt Ion: 84 Resp: 8218

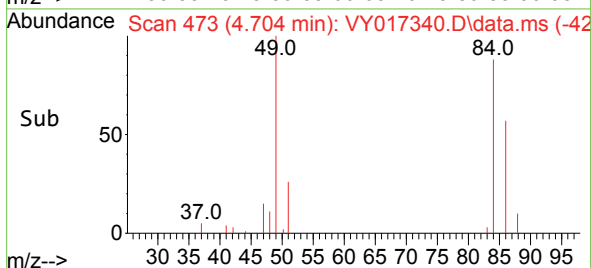
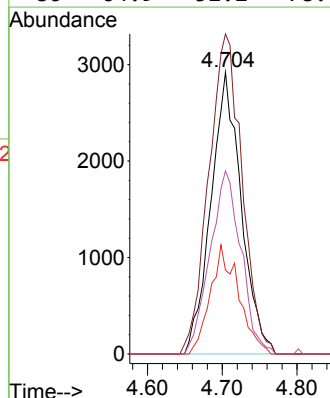
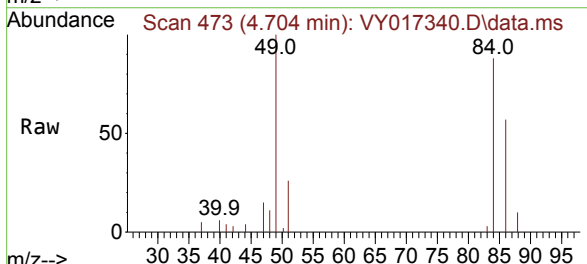
Ion Ratio Lower Upper

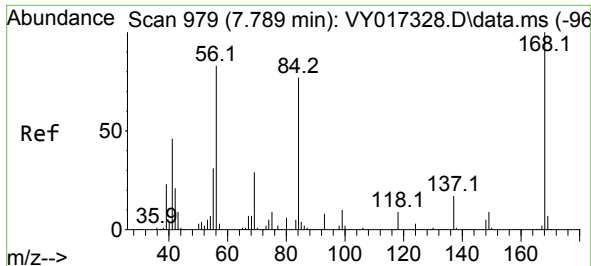
84 100

49 113.6 95.2 142.8

51 29.7 29.9 44.9#

86 64.9 52.2 78.4

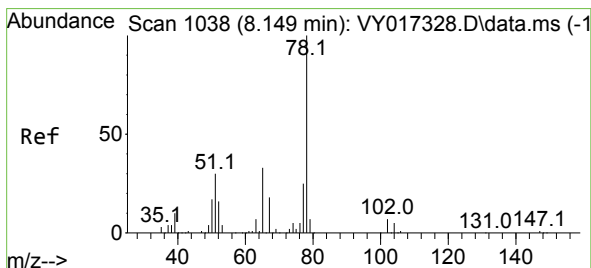
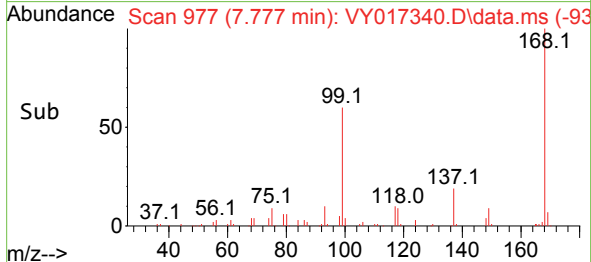
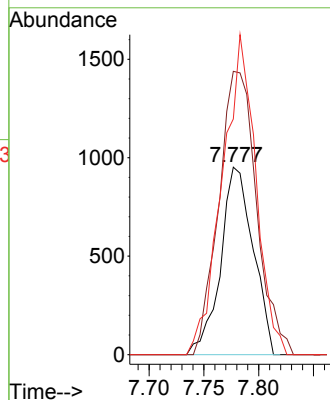
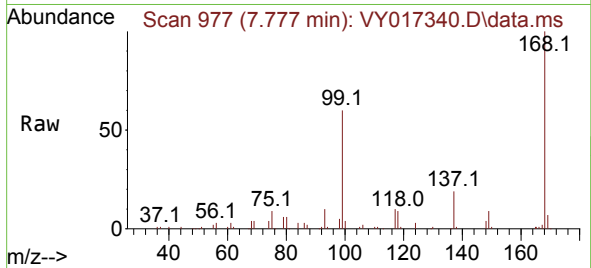




#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

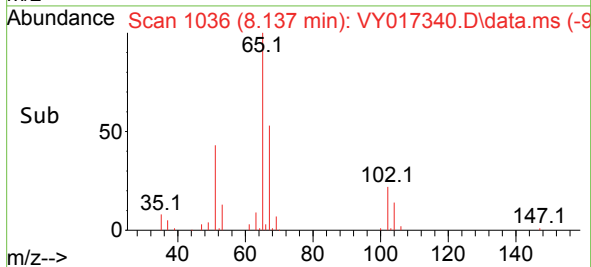
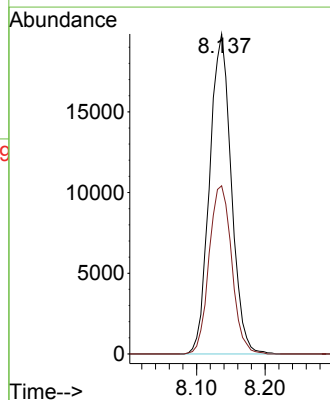
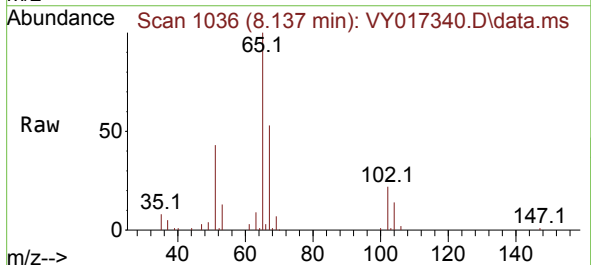
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020824

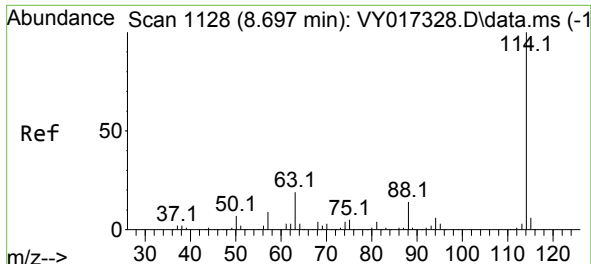
Tgt Ion: 56 Resp: 1968
Ion Ratio Lower Upper
56 100
69 151.2 27.0 40.6#
84 125.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.949 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Tgt Ion: 65 Resp: 43583
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0

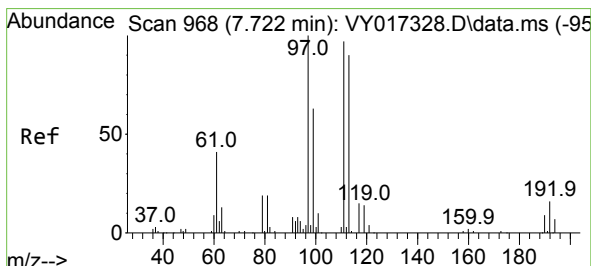
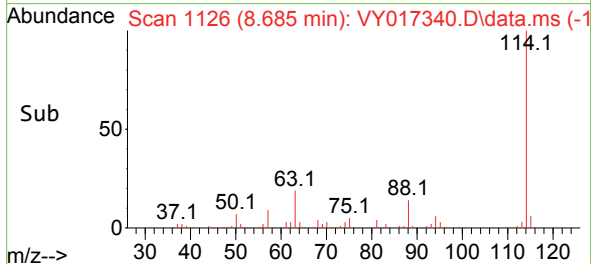
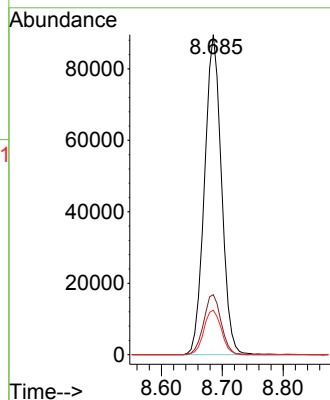
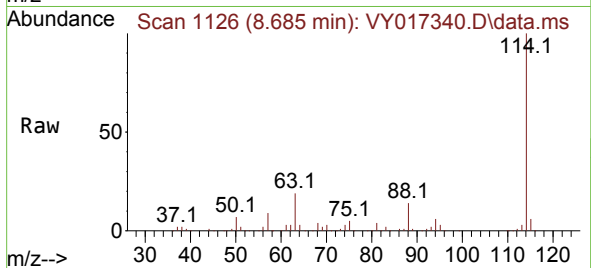




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

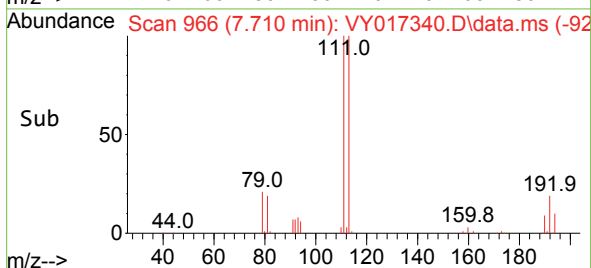
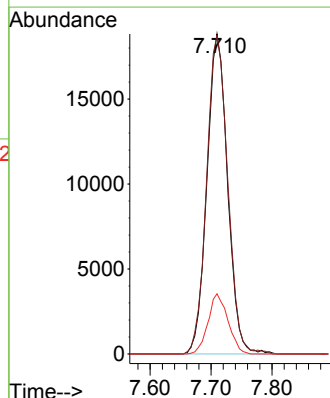
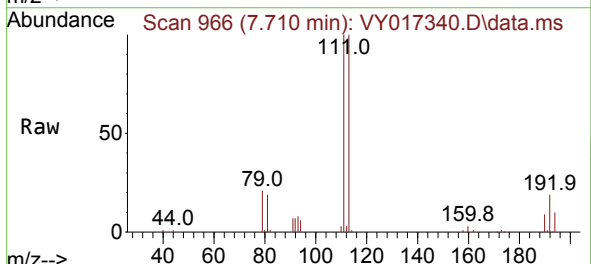
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020824

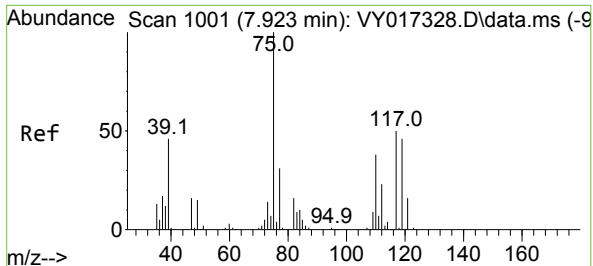
Tgt Ion:114 Resp: 172846
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 13.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 47.375 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.018 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Tgt Ion:113 Resp: 44213
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 18.2 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.577 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY017340.D

Acq: 09 Feb 2024 15:32

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-020824

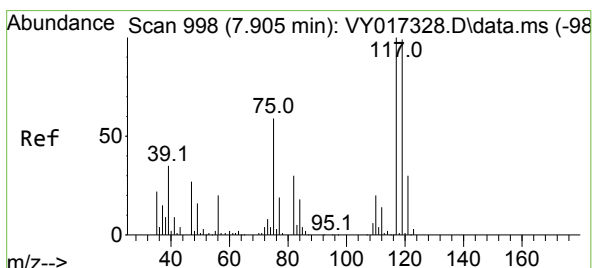
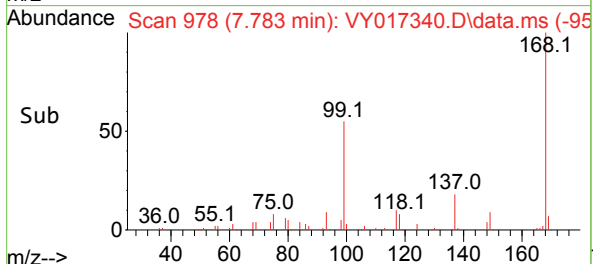
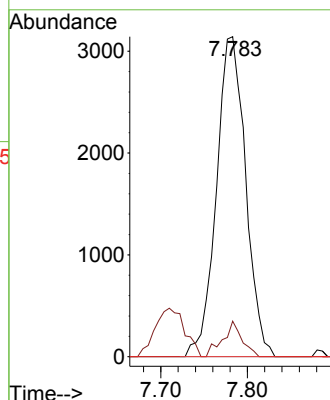
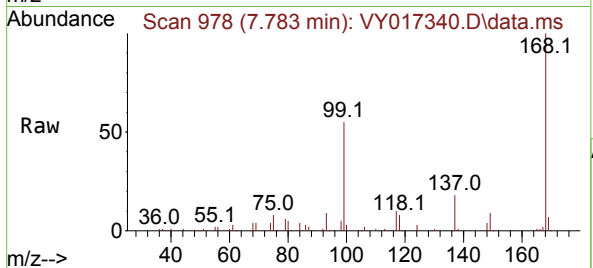
Tgt Ion: 75 Resp: 7368

Ion Ratio Lower Upper

75 100

110 7.3 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.831 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY017340.D

Acq: 09 Feb 2024 15:32

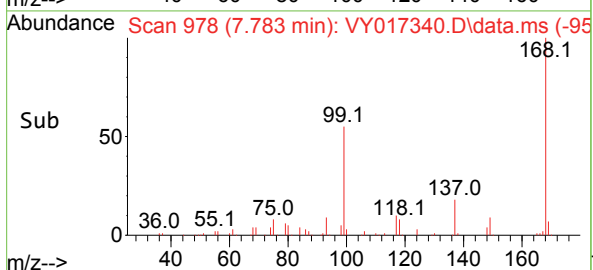
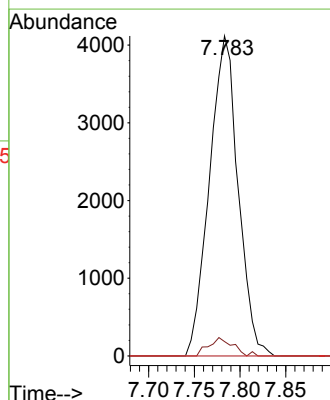
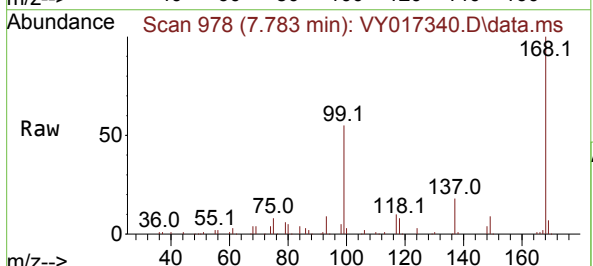
Tgt Ion: 117 Resp: 8988

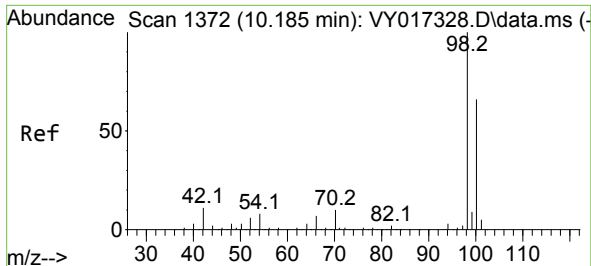
Ion Ratio Lower Upper

117 100

119 4.5 76.0 114.0#

121 0.0 24.2 36.2#

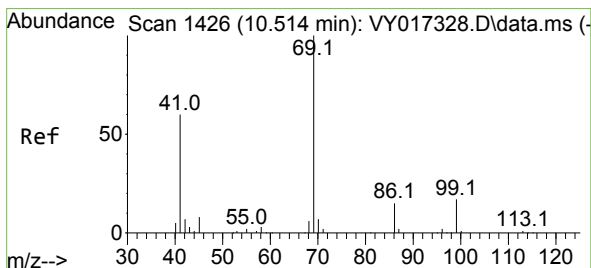
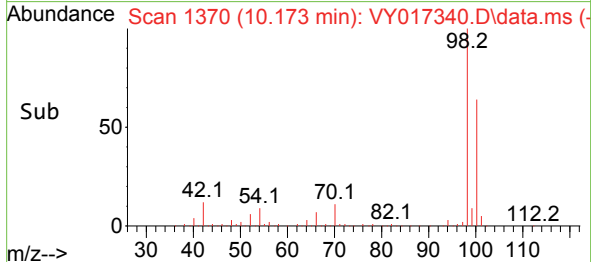
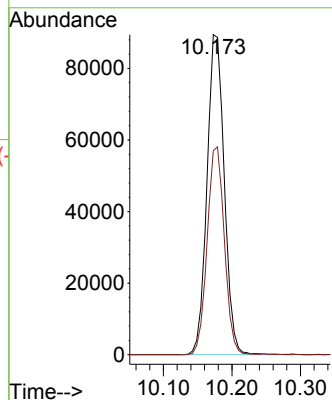
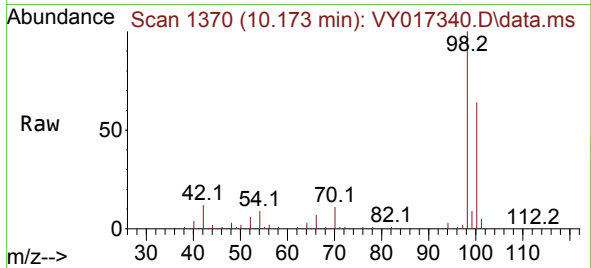




#50
Toluene-d8
Concen: 46.233 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

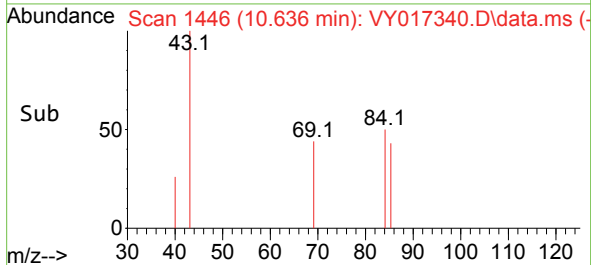
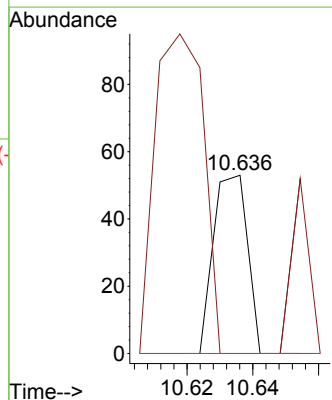
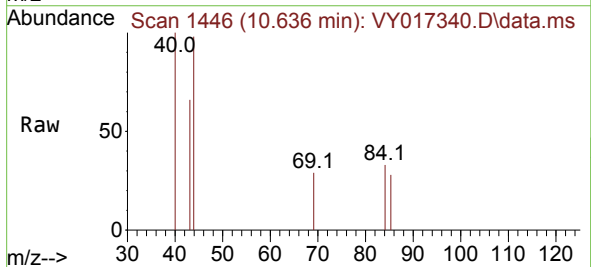
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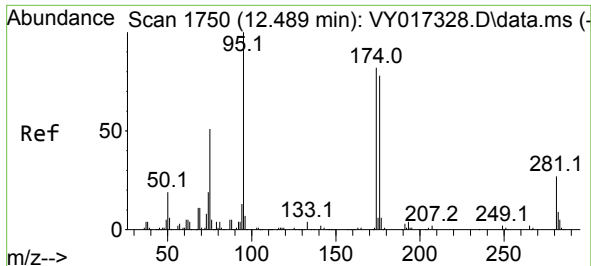
Tgt Ion: 98 Resp: 157097
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#56
Ethyl methacrylate
Concen: 3.036 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. 0.116 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Tgt Ion: 69 Resp: 38
Ion Ratio Lower Upper
69 100
41 257.9 49.2 73.8#
39 0.0 26.8 40.2#

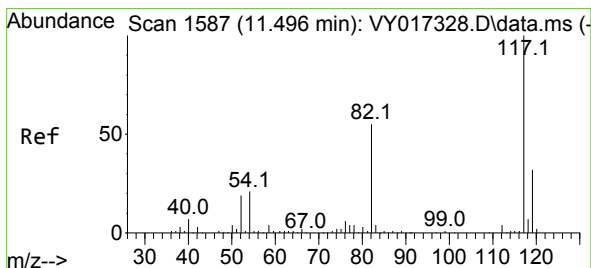
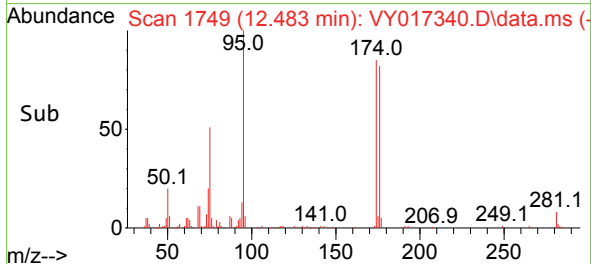
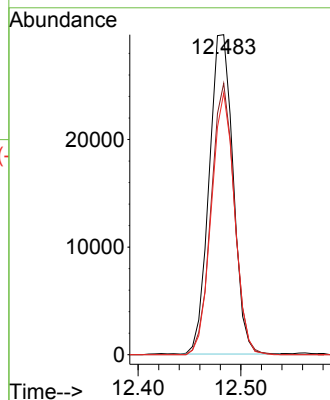
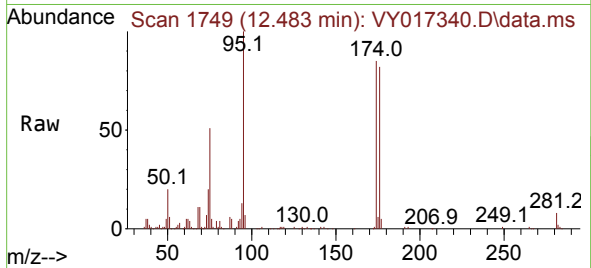




#62
4-Bromofluorobenzene
Concen: 43.288 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

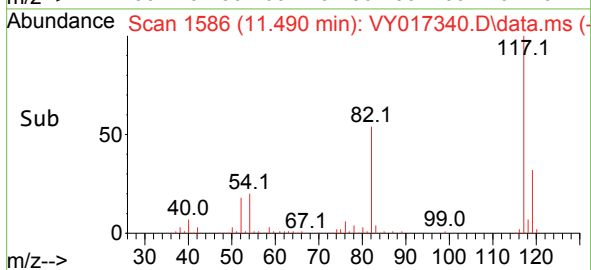
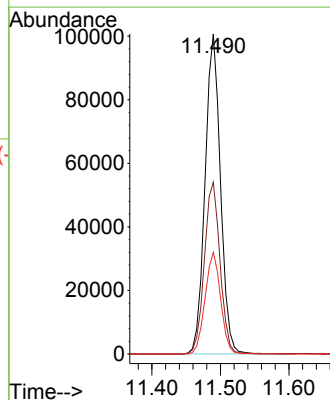
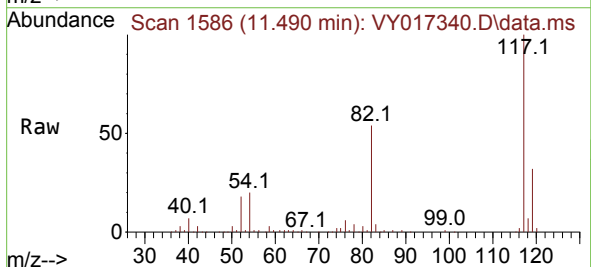
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020824

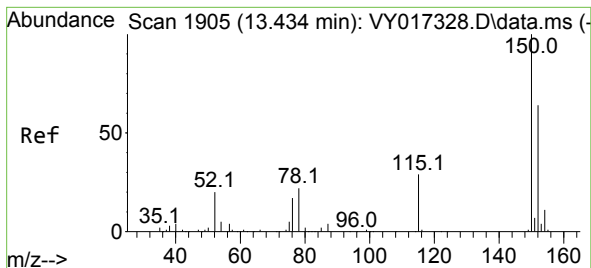
Tgt Ion:	95	Resp:	48184
Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	160.0
176	79.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Tgt Ion:	117	Resp:	157531
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.8	65.8
119	31.8	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY017340.D

Acq: 09 Feb 2024 15:32

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-020824

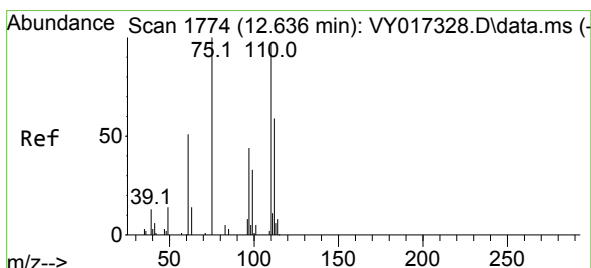
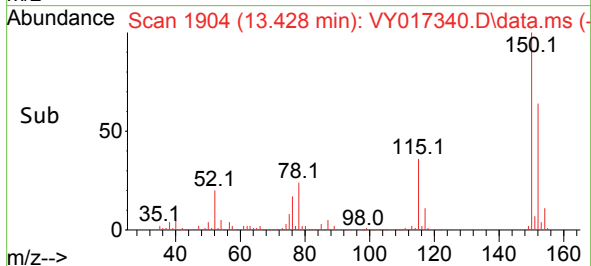
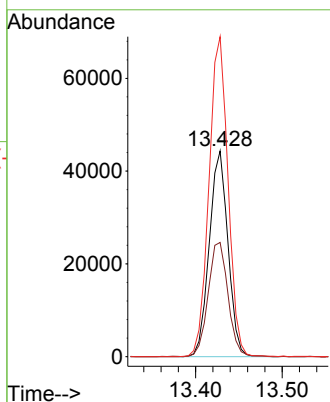
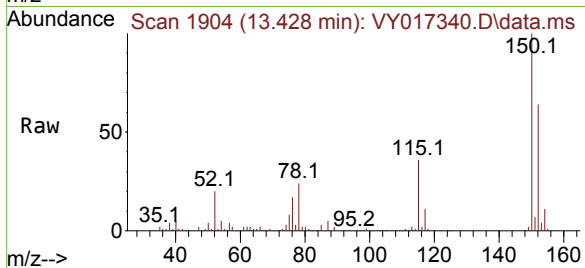
Tgt Ion:152 Resp: 66500

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 158.3 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 41.198 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.164 min

Lab File: VY017340.D

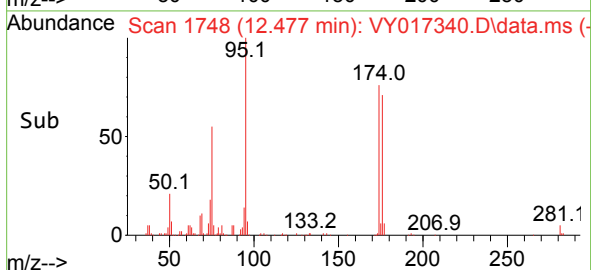
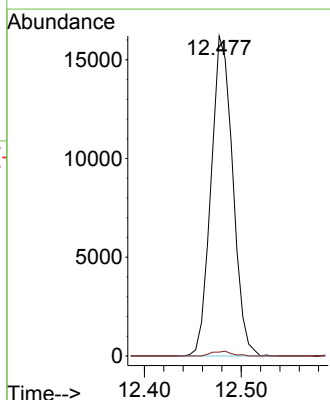
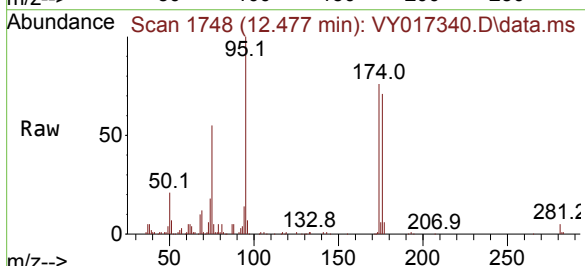
Acq: 09 Feb 2024 15:32

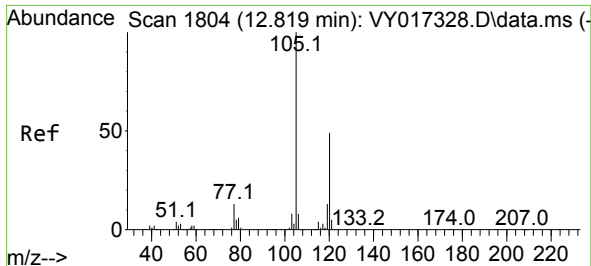
Tgt Ion: 75 Resp: 25287

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

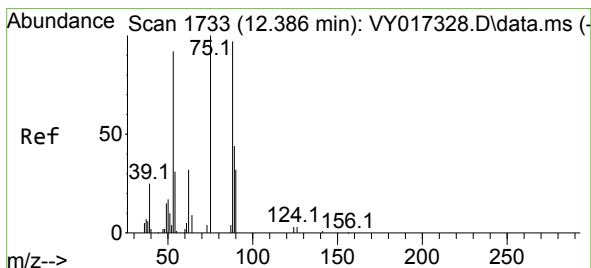
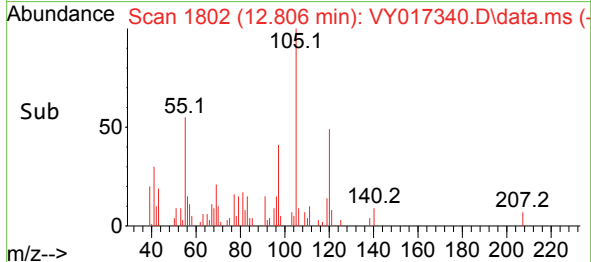
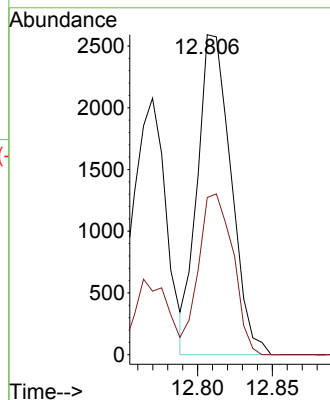
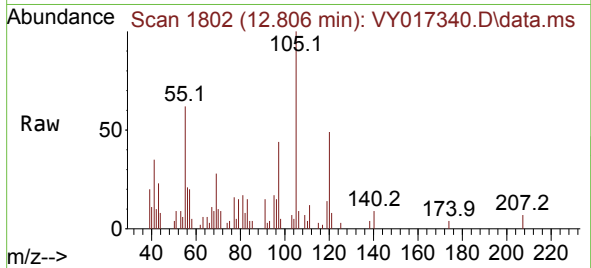




#80
 1,3,5-Trimethylbenzene
 Concen: 1.042 ug/l
 RT: 12.806 min Scan# 1748
 Delta R.T. -0.012 min
 Lab File: VY017340.D
 Acq: 09 Feb 2024 15:32

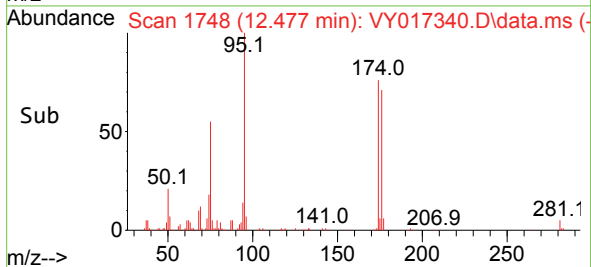
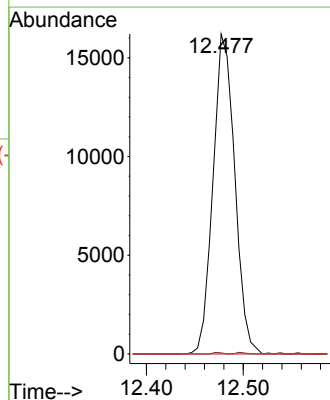
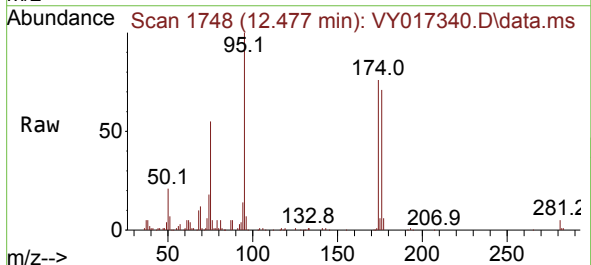
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-020824

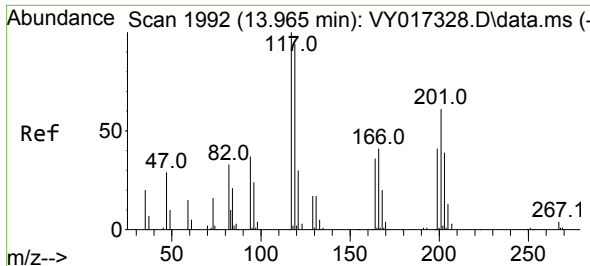
Tgt Ion:105 Resp: 4050
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.605 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.092 min
 Lab File: VY017340.D
 Acq: 09 Feb 2024 15:32

Tgt Ion: 75 Resp: 25287
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.0 111.0#
 89 0.0 36.5 54.7#

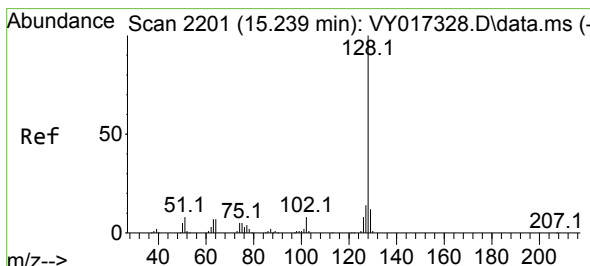
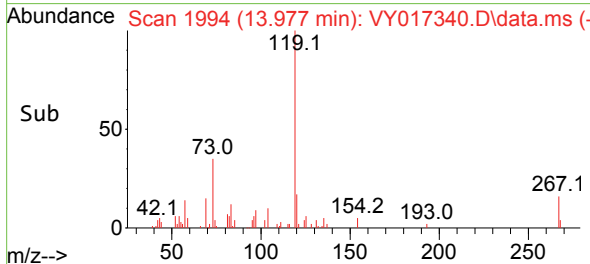
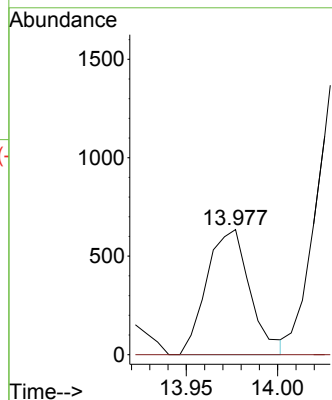
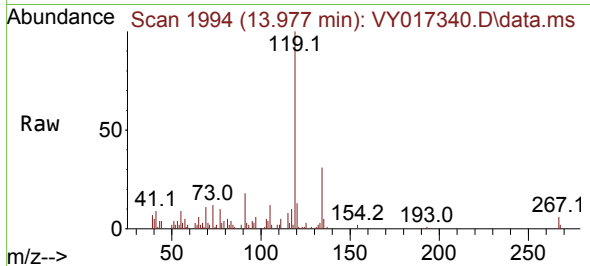




#90
Hexachloroethane
Concen: 1.225 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.007 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020824

Tgt Ion:117 Resp: 1046
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.1#



#95
Naphthalene
Concen: 4.219 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Tgt Ion:128 Resp: 1499
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 15.7 8.6 12.8#

