

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013162.D
 Acq On : 31 Mar 2023 16:06
 Operator : KP/MD
 Sample : 02154-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-SECTION-CURB

Quant Time: Apr 01 00:08:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

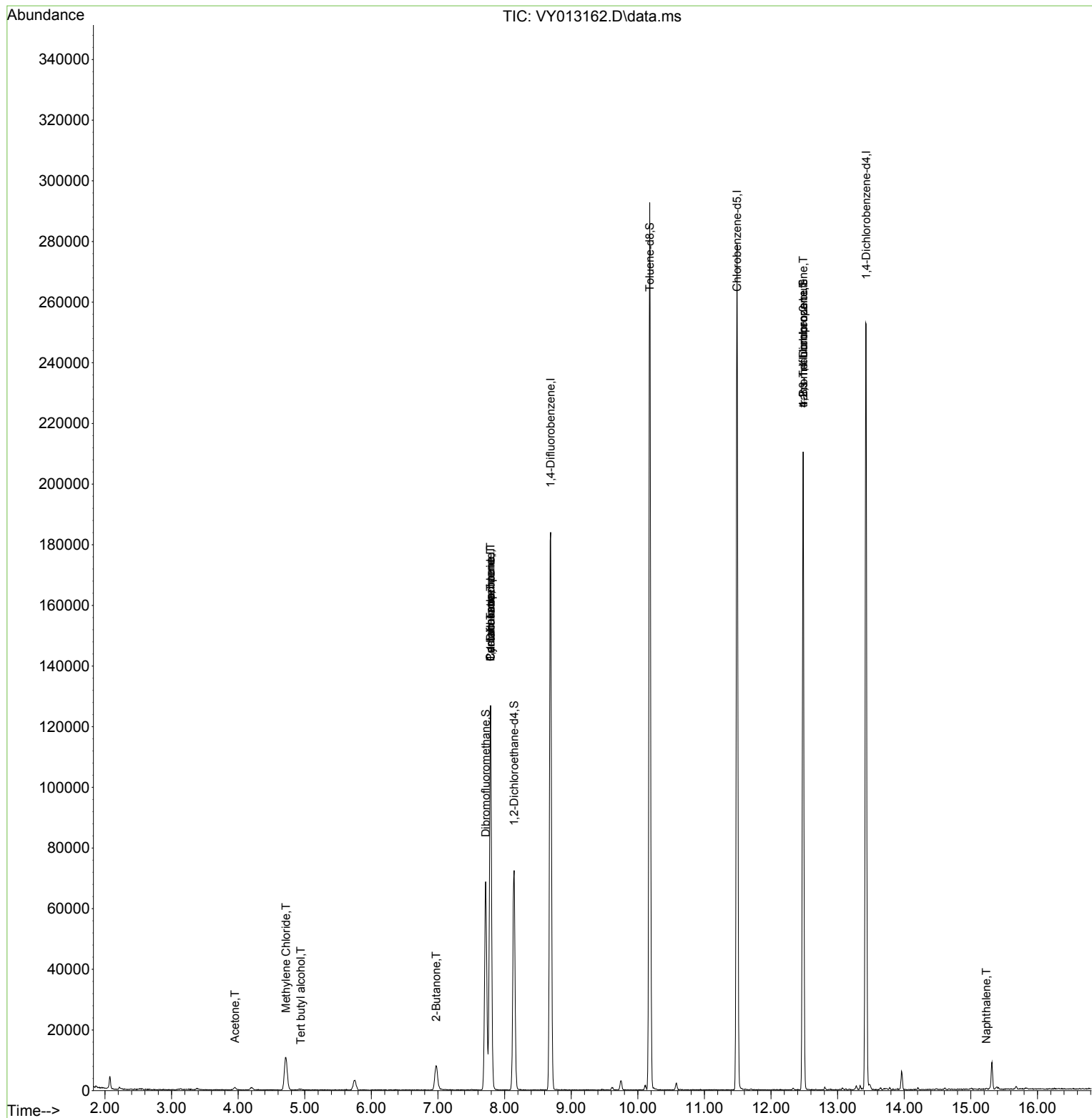
Internal Standards						
1) Pentafluorobenzene	7.789	168	97135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	159109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58786	56.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.620%
35) Dibromofluoromethane	7.716	113	46902	45.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.240%
50) Toluene-d8	10.179	98	190268	48.489	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.483	95	59579	46.647	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	272	2.891	ug/l #	74
16) Acetone	3.954	43	1489	4.665	ug/l #	83
20) Methylene Chloride	4.716	84	8291	2.413	ug/l	97
25) 2-Butanone	6.972	43	511	1.280	ug/l #	49
31) Cyclohexane	7.789	56	1915	1.124	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7235	4.624	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9254	5.360	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	31301	40.536	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31301	90.400	ug/l #	13
95) Naphthalene	15.233	128	294	3.340	ug/l #	69

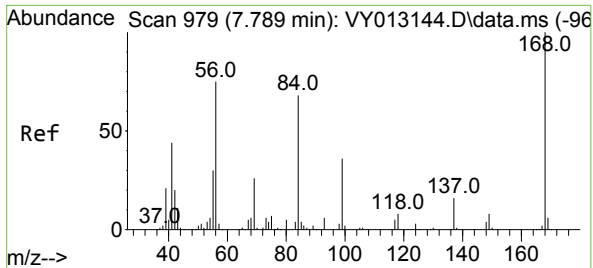
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 01 00:08:25 2023
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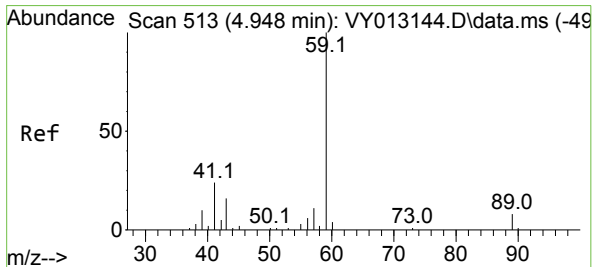
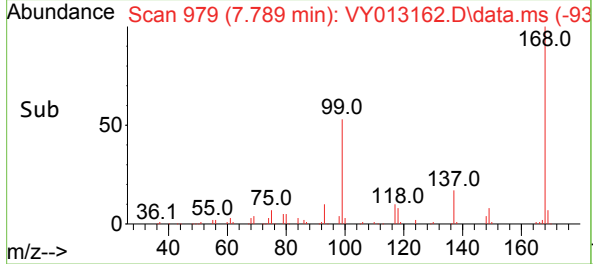
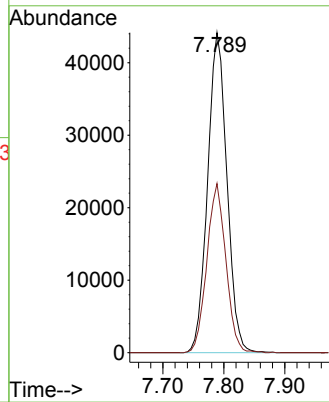
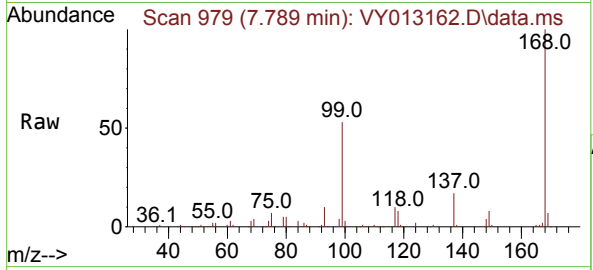




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

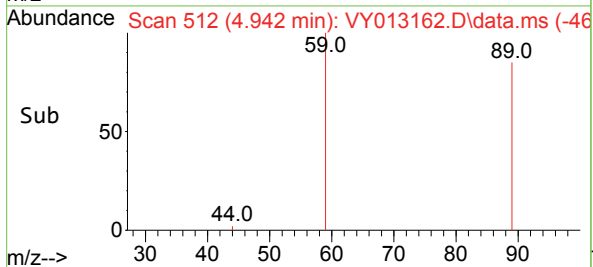
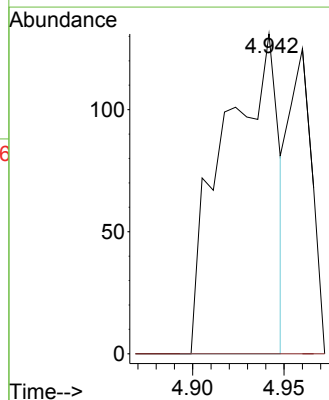
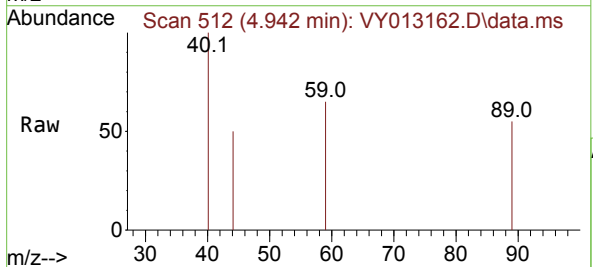
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SECTION-CURB

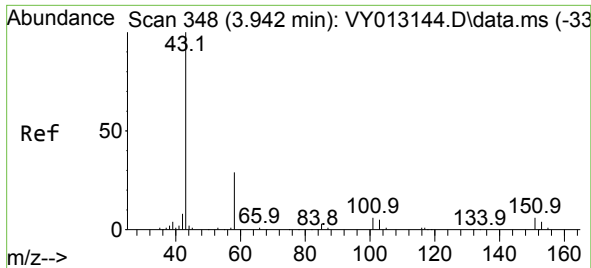
Tgt Ion:168 Resp: 97135
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#11
Tert butyl alcohol
Concen: 2.891 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Tgt Ion: 59 Resp: 272
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

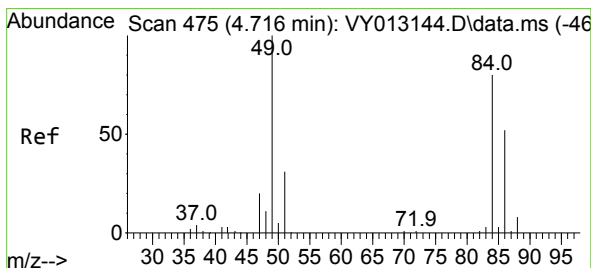
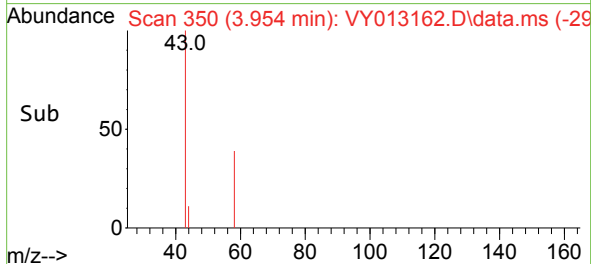
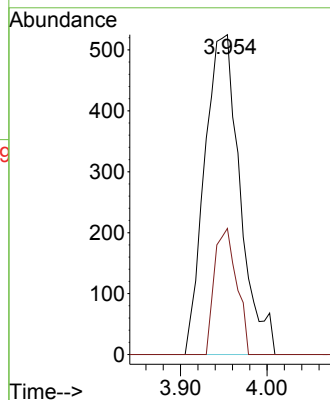
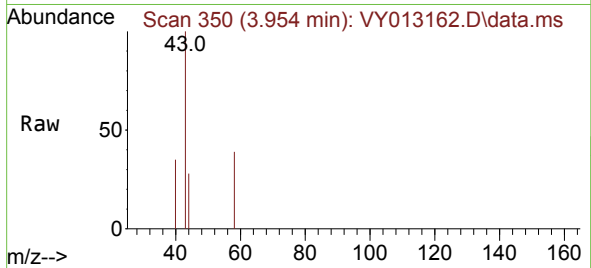




#16
Acetone
Concen: 4.665 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

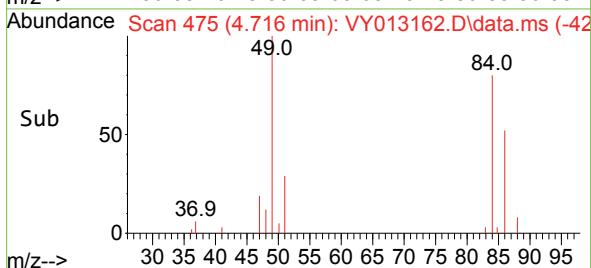
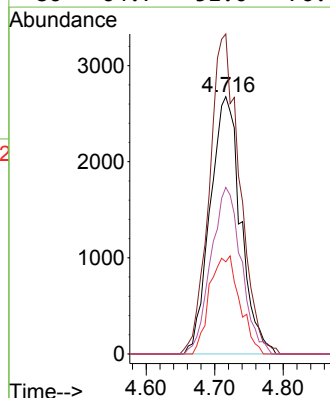
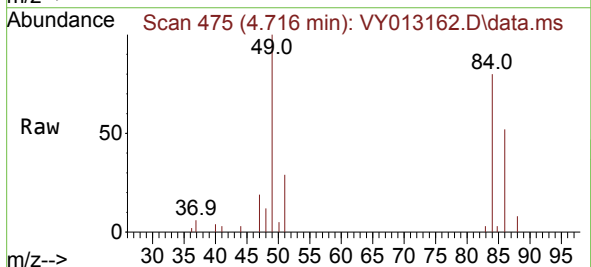
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SECTION-CURB

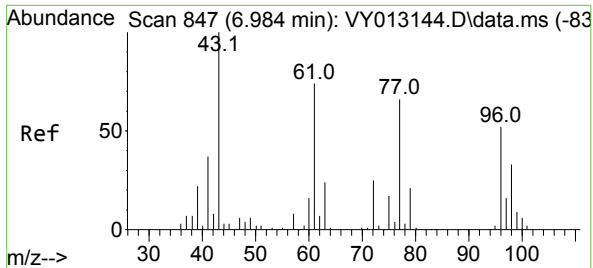
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 39.4 24.2 36.2#



#20
Methylene Chloride
Concen: 2.413 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Tgt Ion: 84 Resp: 8291
Ion Ratio Lower Upper
84 100
49 124.4 102.6 154.0
51 35.8 31.9 47.9
86 64.7 51.0 76.6

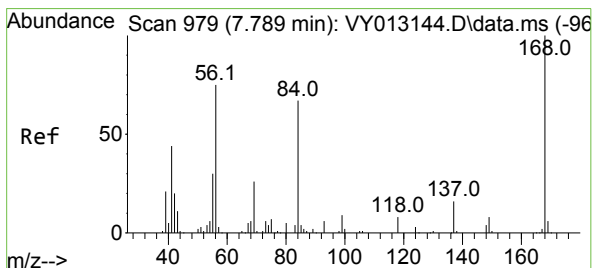
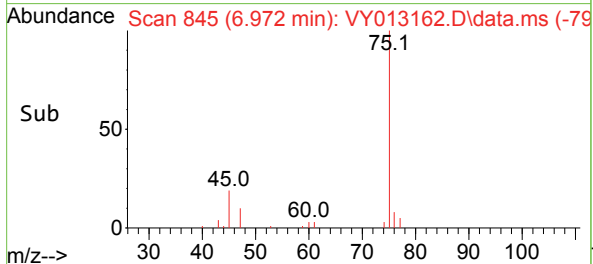
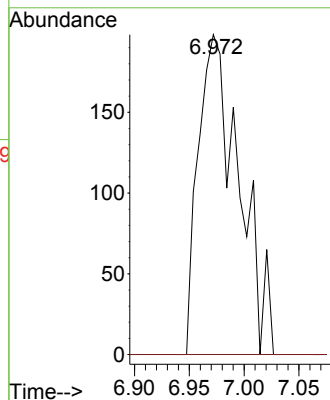
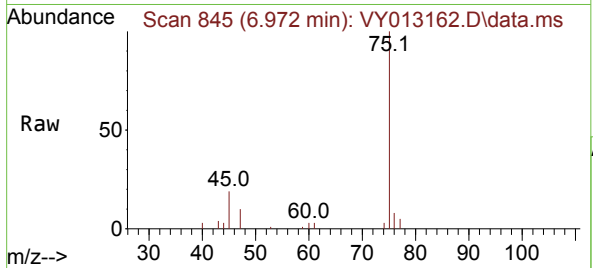




#25
2-Butanone
Concen: 1.280 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

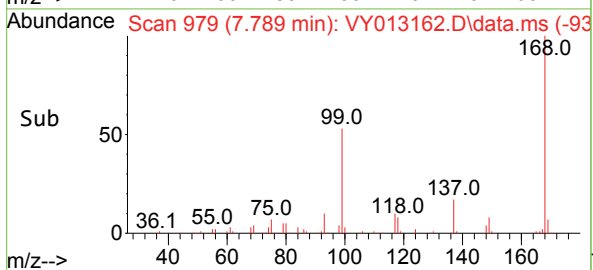
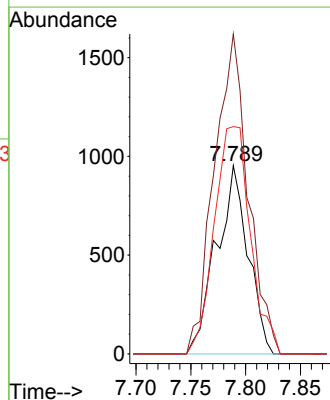
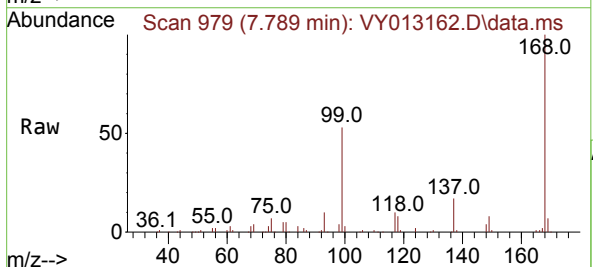
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SECTION-CURB

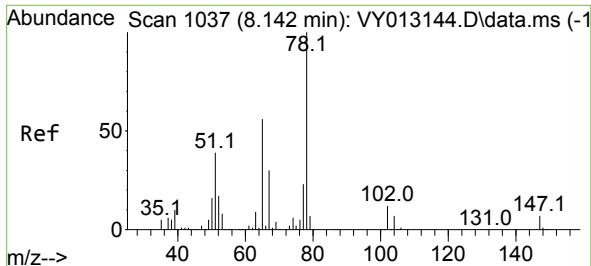
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Tgt Ion: 56 Resp: 1915
Ion Ratio Lower Upper
56 100
69 170.0 25.7 38.5#
84 120.8 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 56.314 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY013162.D

Acq: 31 Mar 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

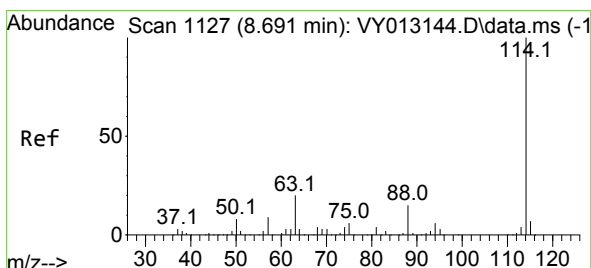
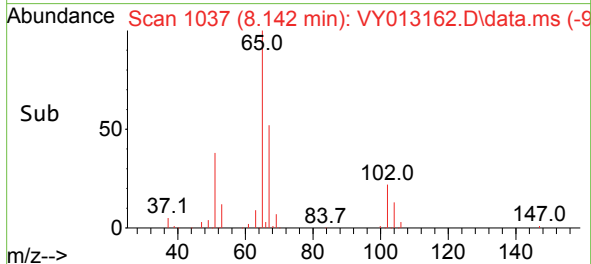
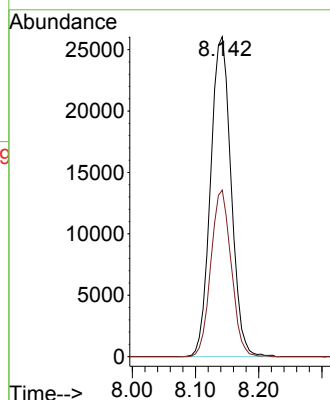
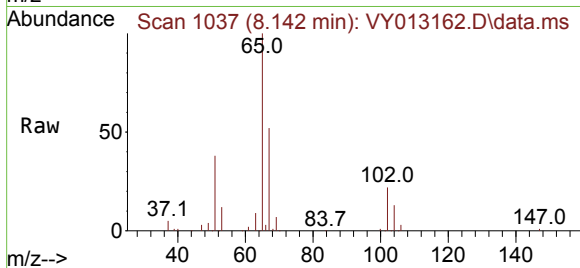
CONCRETE-SECTION-CURB

Tgt Ion: 65 Resp: 58786

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013162.D

Acq: 31 Mar 2023 16:06

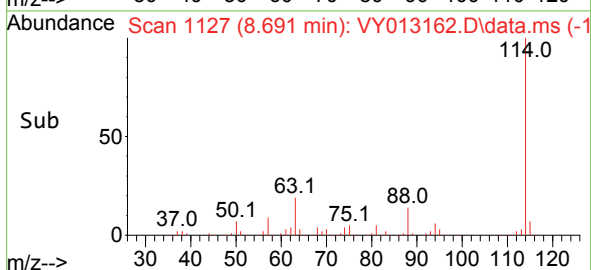
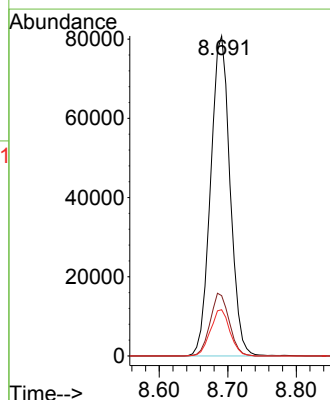
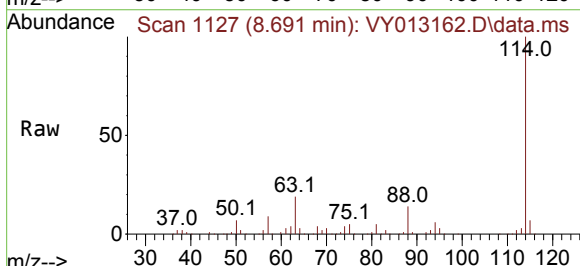
Tgt Ion: 114 Resp: 159109

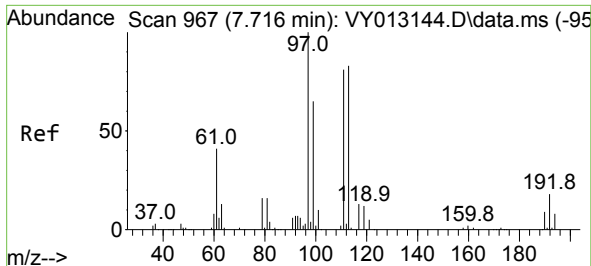
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.5 0.0 28.6

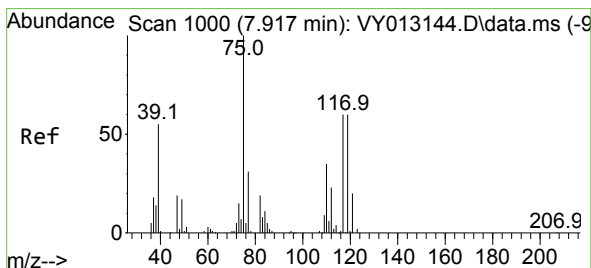
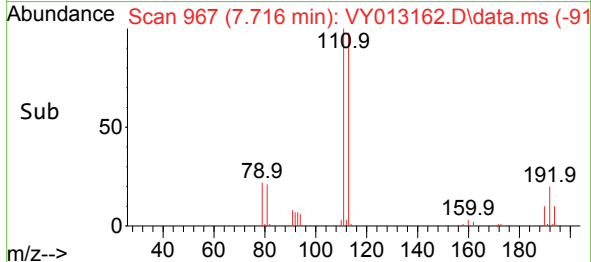
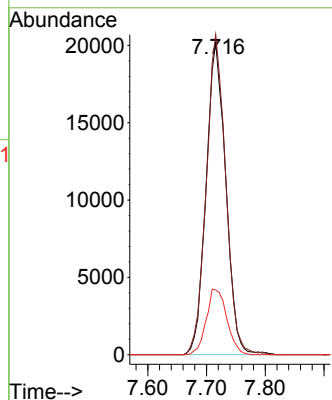
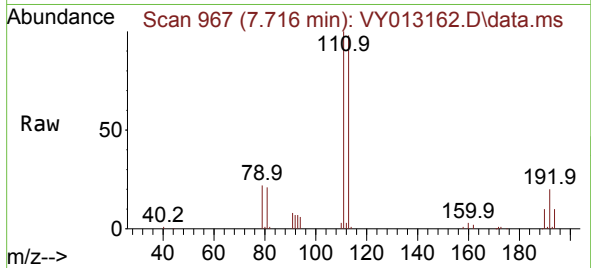




#35
Dibromofluoromethane
Concen: 45.124 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

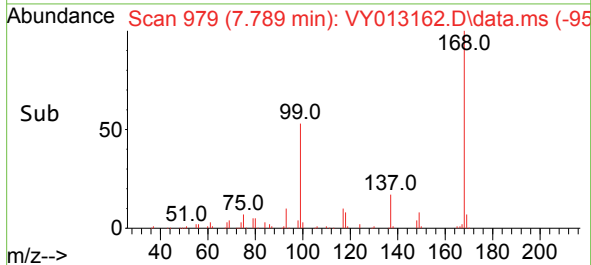
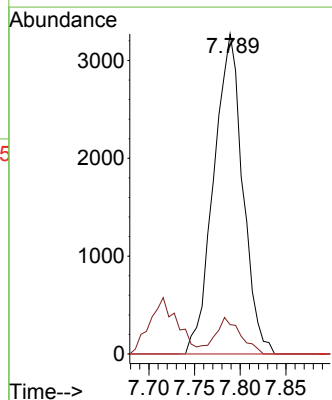
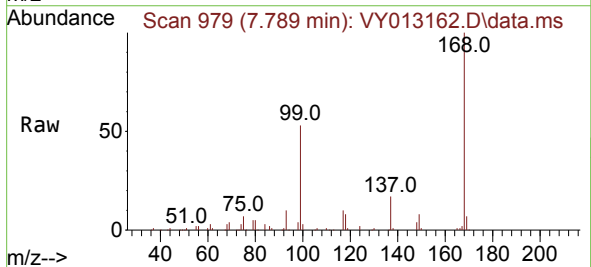
Instrument :
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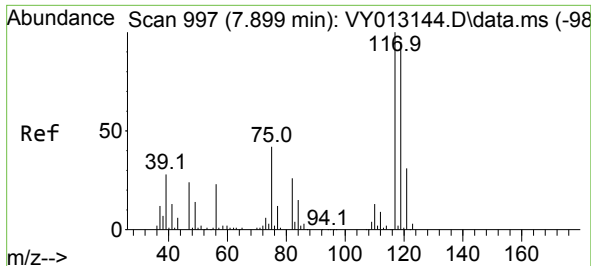
Tgt Ion:113 Resp: 46902
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 22.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

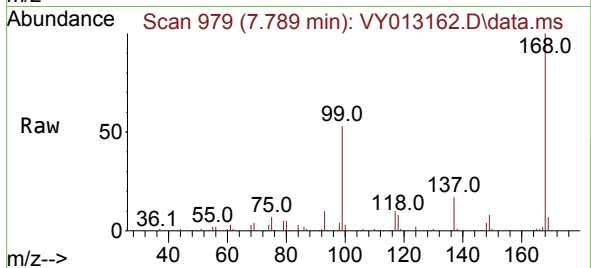
Tgt Ion: 75 Resp: 7235
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.3#
77 0.0 25.0 37.4#



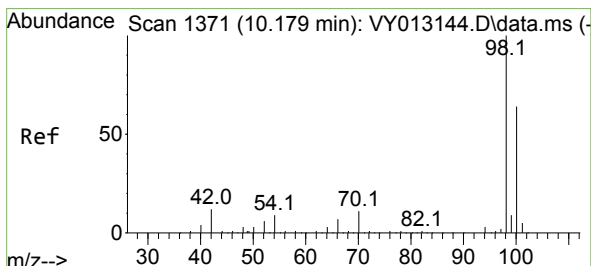
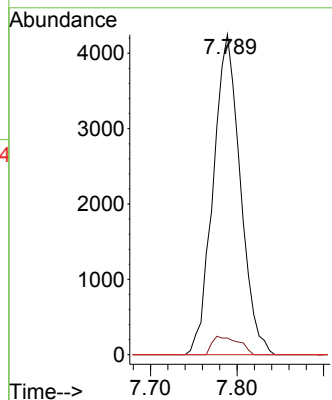
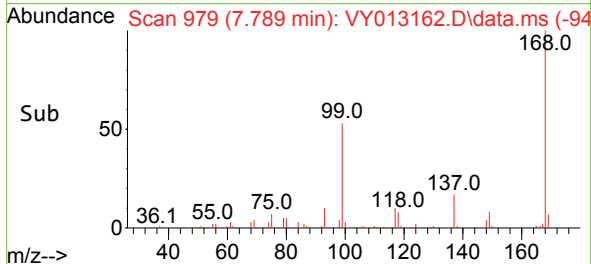


#38
Carbon Tetrachloride
Concen: 5.360 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Instrument :
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ClientSampleId :
CONCRETE-SECTION-CURB

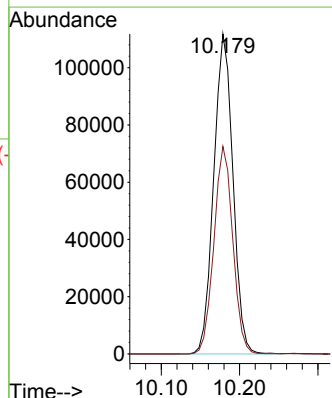
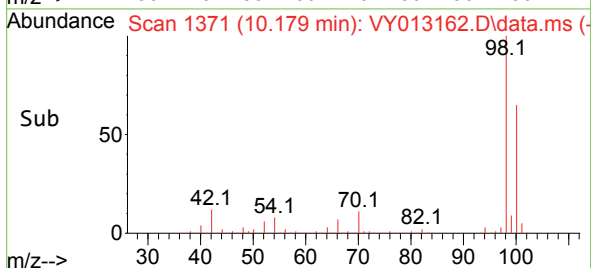
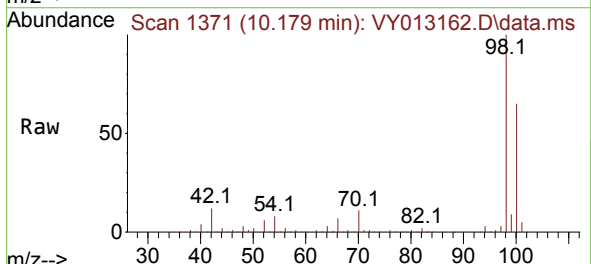


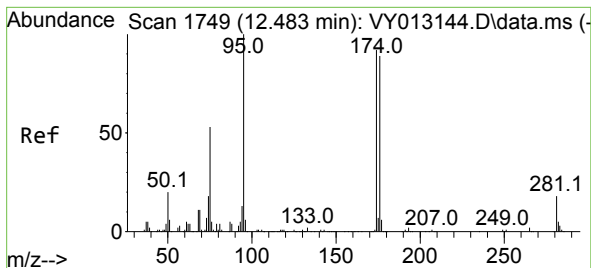
Tgt Ion:117 Resp: 9254
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.489 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Tgt Ion: 98 Resp: 190268
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

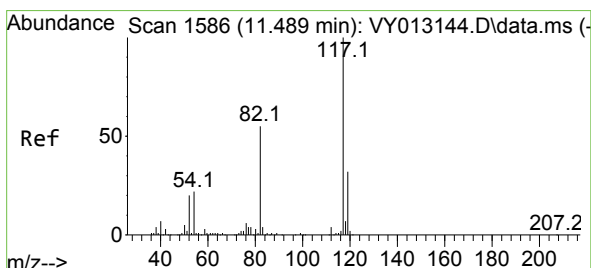
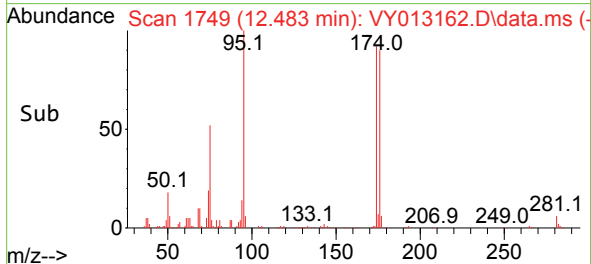
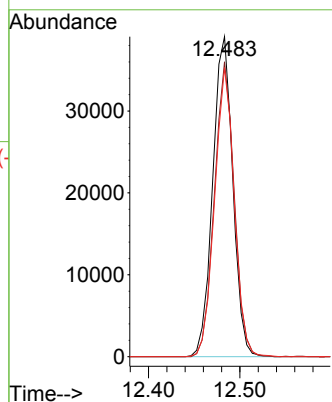
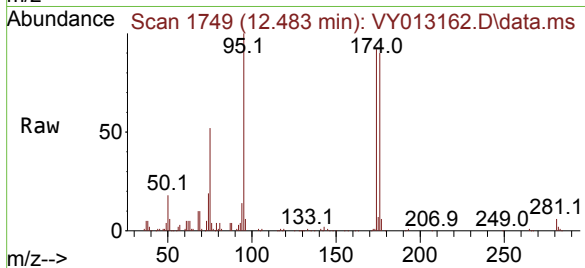




#62
4-Bromofluorobenzene
Concen: 46.647 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

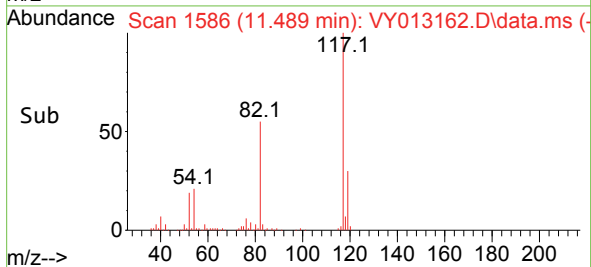
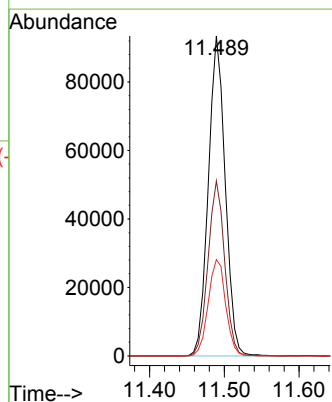
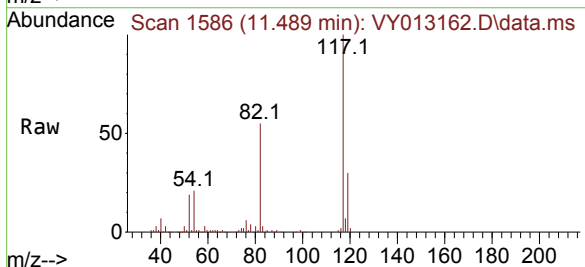
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SECTION-CURB

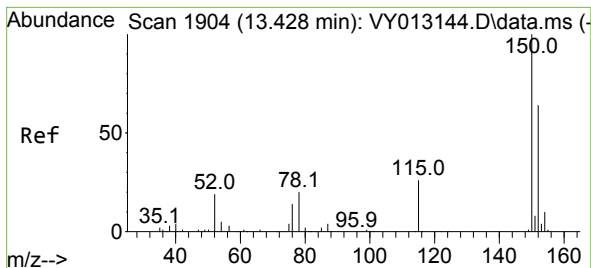
Tgt Ion: 95 Resp: 59579
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 88.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Tgt Ion: 117 Resp: 146530
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 30.1 25.6 38.4

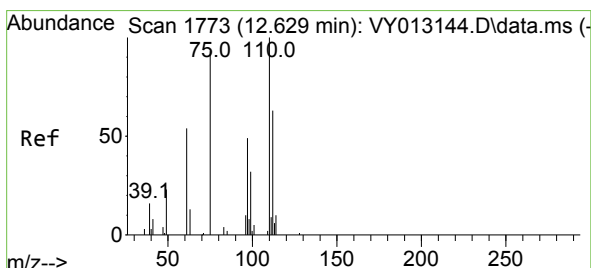
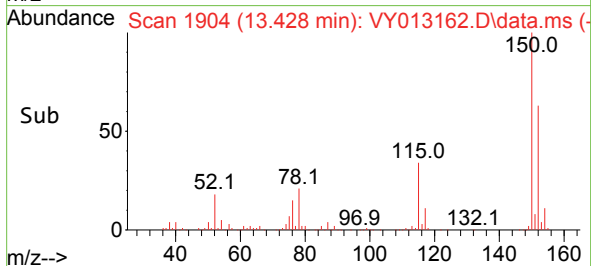
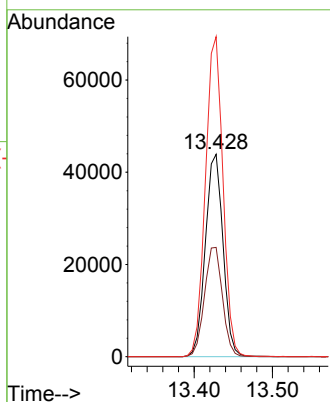
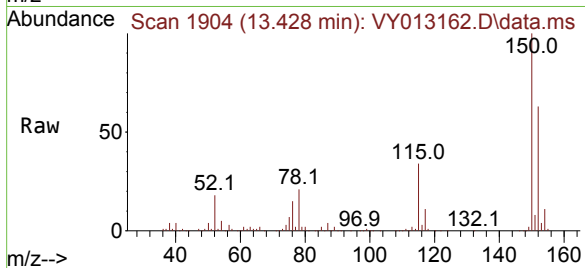




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013162.D
 Acq: 31 Mar 2023 16:06

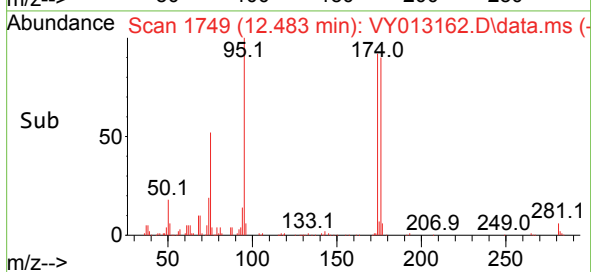
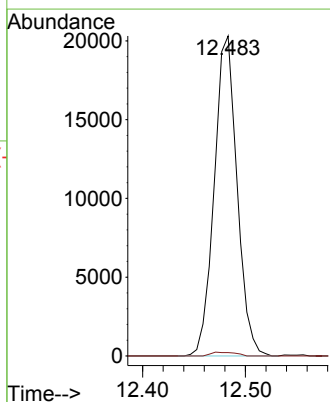
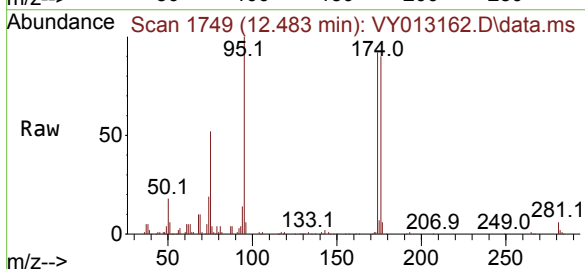
Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-SECTION-CURB

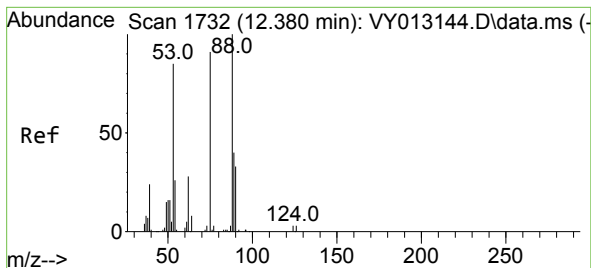
Tgt Ion:152 Resp: 68737
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.1 81.3
 150 156.6 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 40.536 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013162.D
 Acq: 31 Mar 2023 16:06

Tgt Ion: 75 Resp: 31301
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

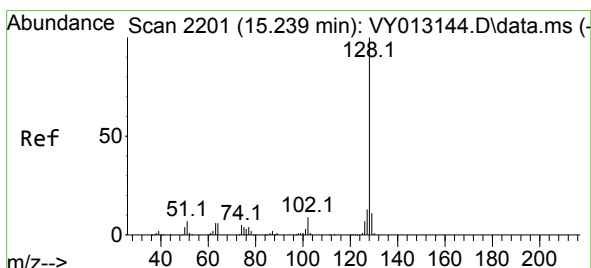
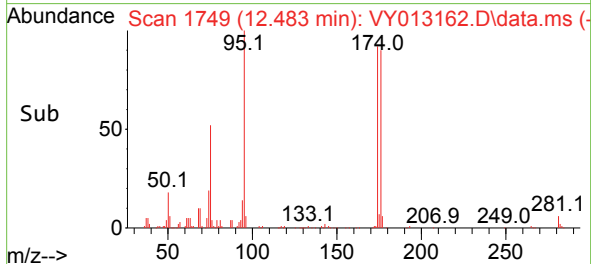
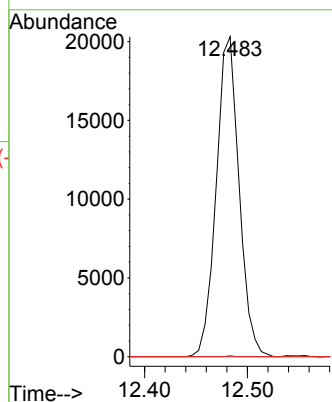
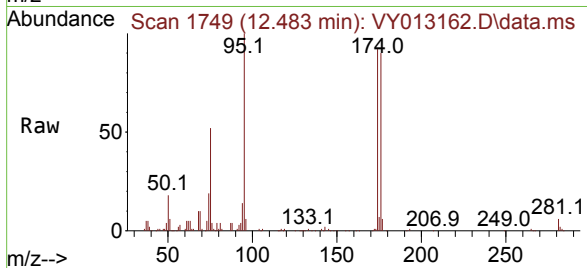




#81
trans-1,4-Dichloro-2-butene
Concen: 90.400 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SECTION-CURB

Tgt Ion: 75 Resp: 31301
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 3.340 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Tgt Ion:128 Resp: 294
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

