

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015897.D
 Acq On : 10 Oct 2023 15:17
 Operator : SY/MD
 Sample : 04753-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:20:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

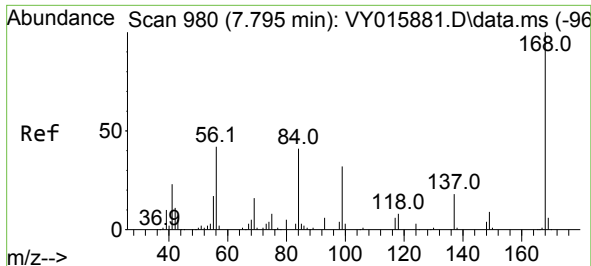
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	86575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	123383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43538	55.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.780%	
35) Dibromofluoromethane	7.722	113	44947	56.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.700%	
50) Toluene-d8	10.185	98	163942	62.361	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 124.720%	
62) 4-Bromofluorobenzene	12.483	95	48923	45.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.640%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	43	2.336	ug/l #	88
11) Tert butyl alcohol	4.948	59	22	10.939	ug/l #	89
13) Acrolein	3.723	56	60	1.260	ug/l #	52
16) Acetone	3.954	43	3339	14.544	ug/l	95
17) Carbon Disulfide	4.198	76	177	2.951	ug/l #	76
20) Methylene Chloride	4.716	84	9300	2.514	ug/l #	88
31) Cyclohexane	7.795	56	1725	2.068	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6477	7.332	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8511	8.022	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	25500	41.740	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25500	92.559	ug/l #	11

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

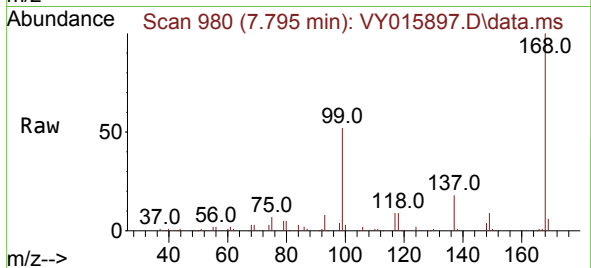
Quant Time: Oct 11 01:20:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
Response via : Initial Calibration



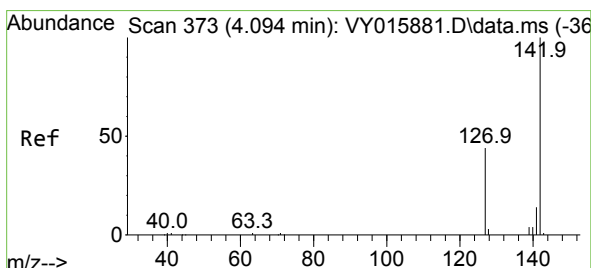
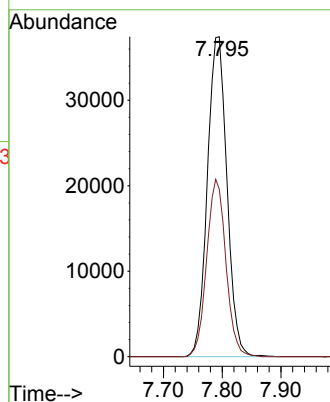
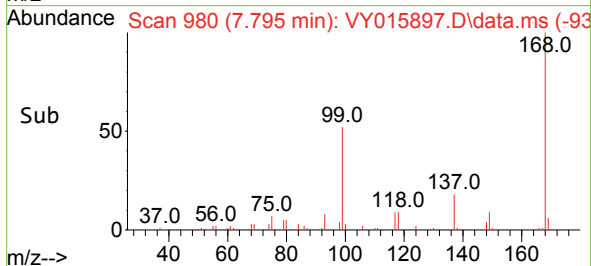


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

Instrument :
MSVOA_Y
ClientSampleId :

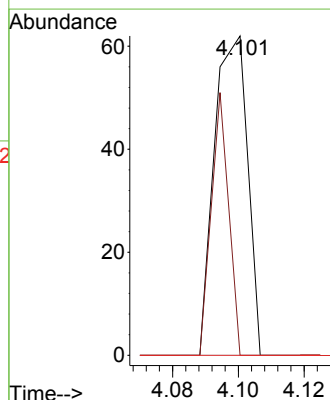
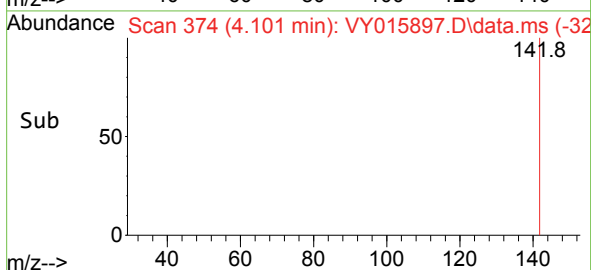
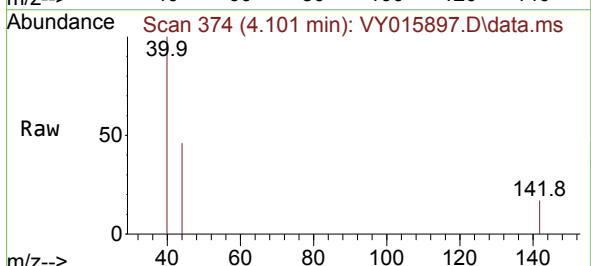


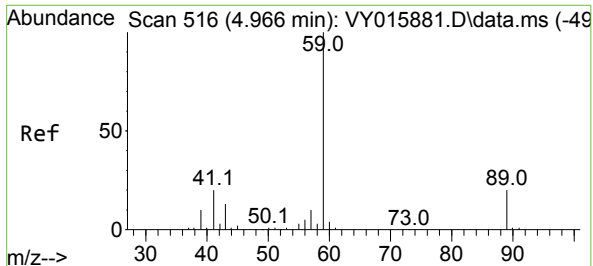
Tgt Ion:168 Resp: 86575
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#10
Methyl Iodide
Concen: 2.336 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

Tgt Ion:142 Resp: 43
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 0.0 11.8 17.8#





#11

Tert butyl alcohol

Concen: 10.939 ug/l

RT: 4.948 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY015897.D

Acq: 10 Oct 2023 15:17

Instrument :

MSVOA_Y

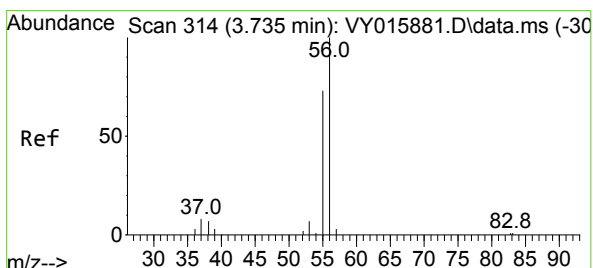
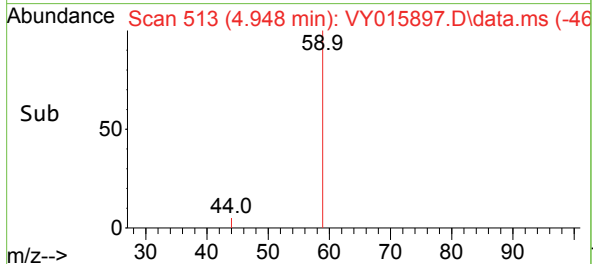
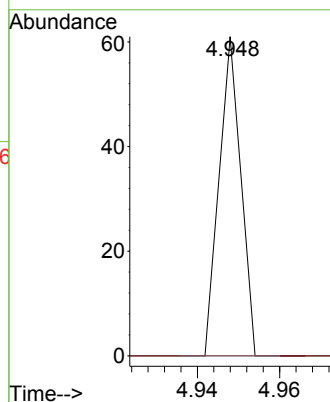
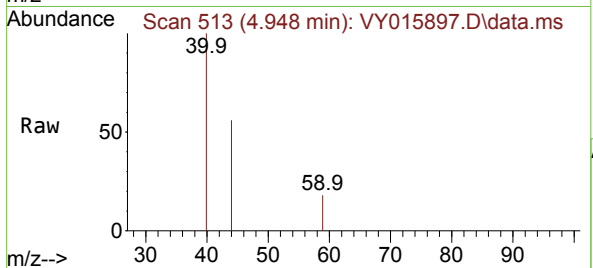
ClientSampleId :

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#13

Acrolein

Concen: 1.260 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.012 min

Lab File: VY015897.D

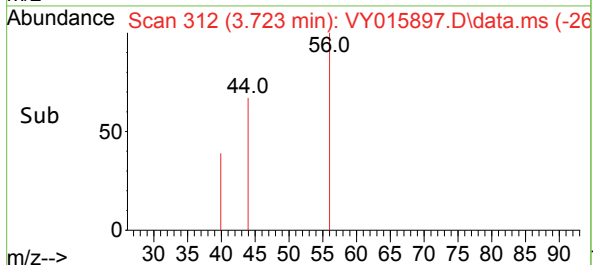
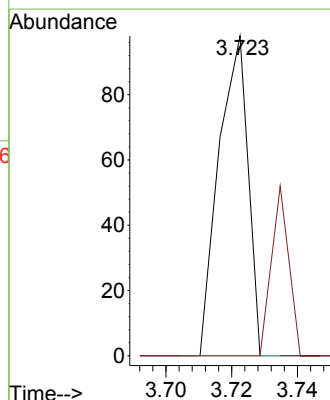
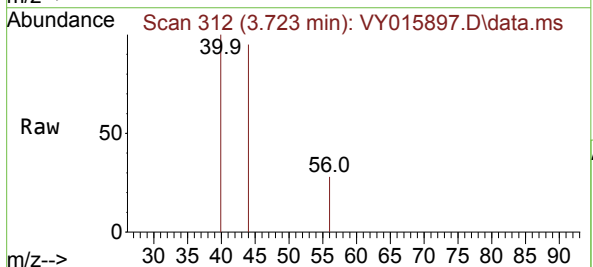
Acq: 10 Oct 2023 15:17

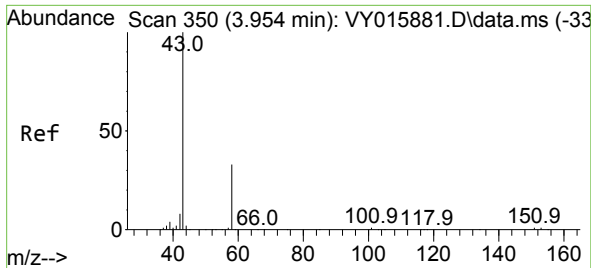
Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 31.7 57.0 85.4#





#16

Acetone

Concen: 14.544 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY015897.D

Acq: 10 Oct 2023 15:17

Instrument :

MSVOA_Y

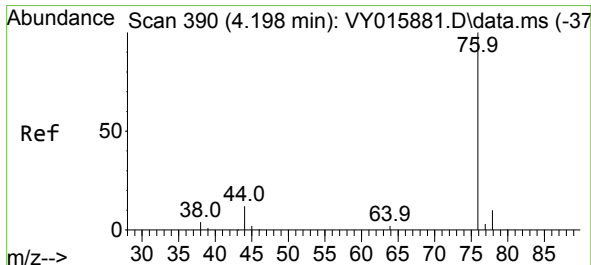
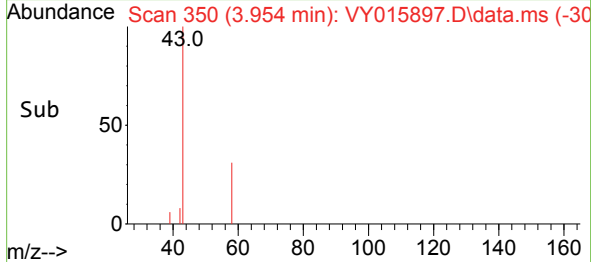
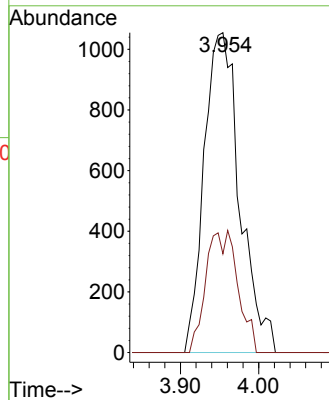
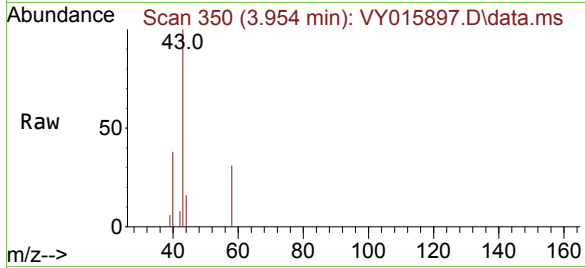
ClientSampleId :

Tgt Ion: 43 Resp: 3339

Ion Ratio Lower Upper

43 100

58 30.9 22.7 34.1



#17

Carbon Disulfide

Concen: 2.951 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.000 min

Lab File: VY015897.D

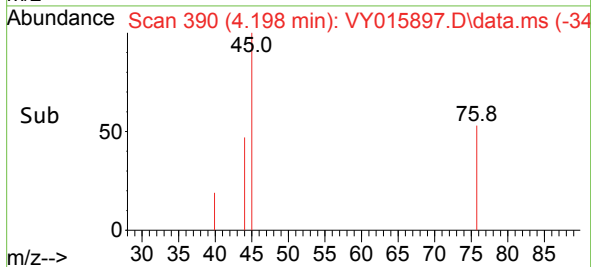
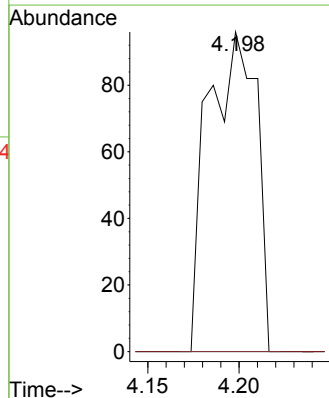
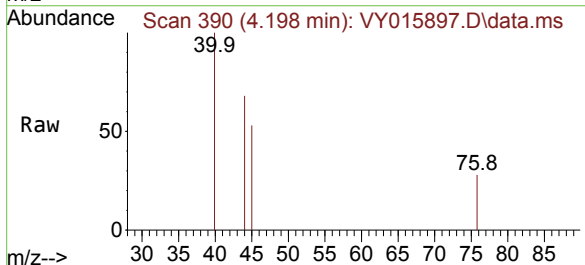
Acq: 10 Oct 2023 15:17

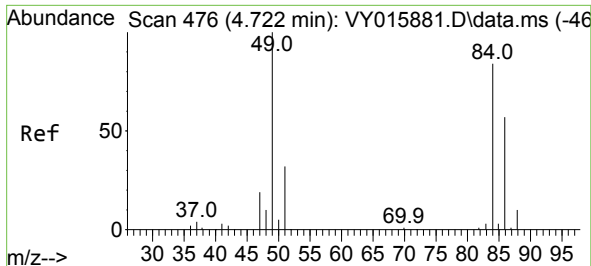
Tgt Ion: 76 Resp: 177

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#





#20

Methylene Chloride

Concen: 2.514 ug/l

RT: 4.716 min Scan# 41

Delta R.T. -0.006 min

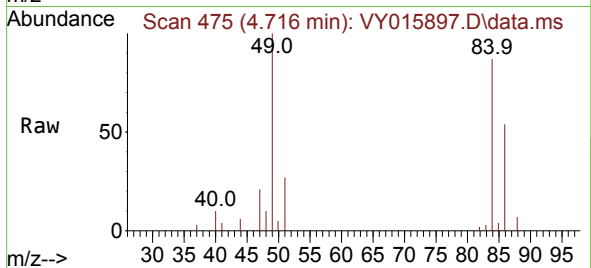
Lab File: VY015897.D

Acq: 10 Oct 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 9300

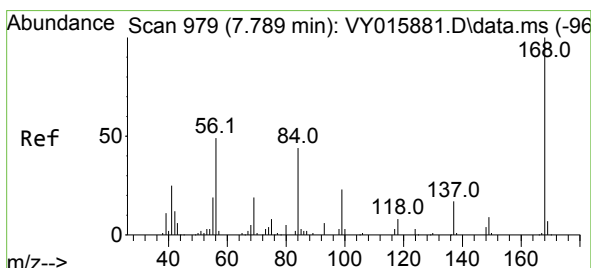
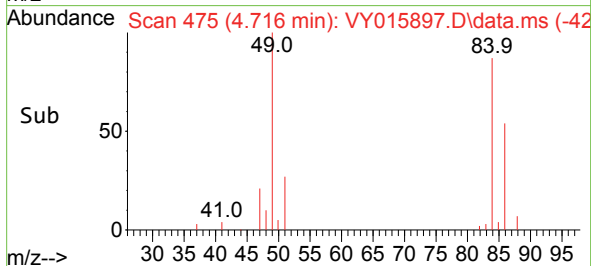
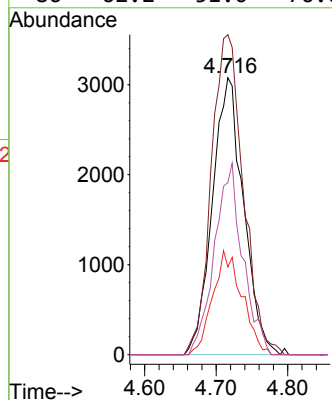
Ion Ratio Lower Upper

84 100

49 115.6 106.9 160.3

51 31.7 33.2 49.8#

86 62.2 51.0 76.6



#31

Cyclohexane

Concen: 2.068 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY015897.D

Acq: 10 Oct 2023 15:17

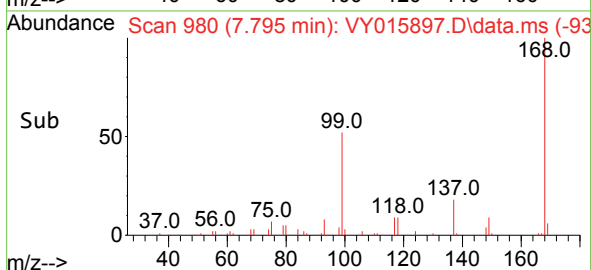
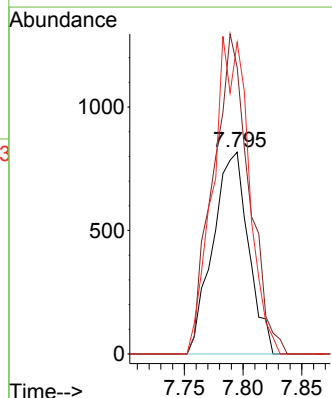
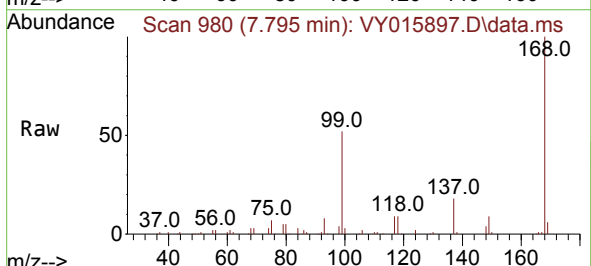
Tgt Ion: 56 Resp: 1725

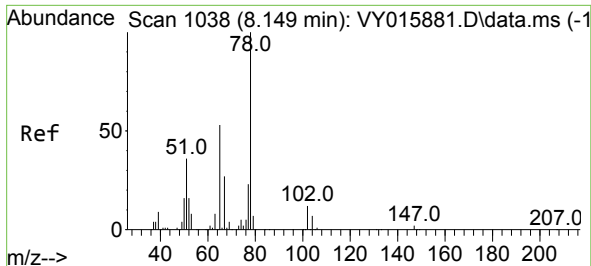
Ion Ratio Lower Upper

56 100

69 142.1 27.8 41.6#

84 154.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.890 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015897.D

Acq: 10 Oct 2023 15:17

Instrument :

MSVOA_Y

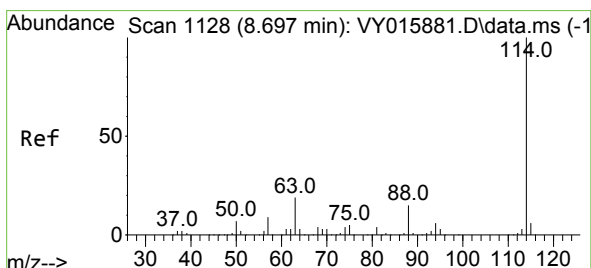
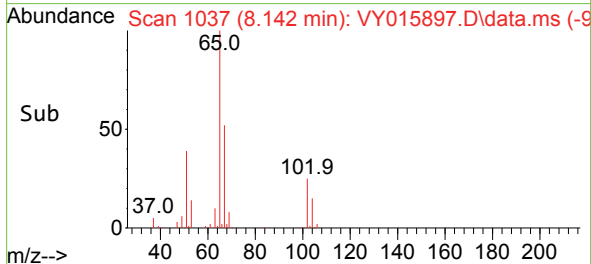
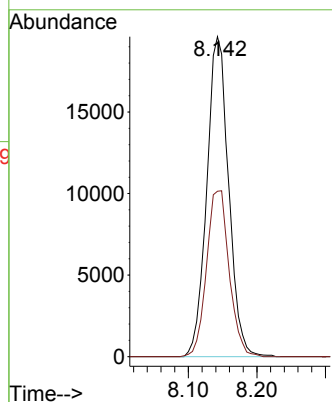
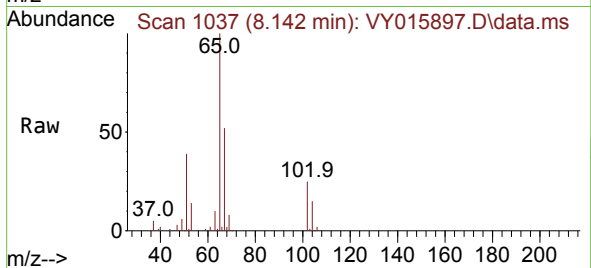
ClientSampleId :

Tgt Ion: 65 Resp: 43538

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015897.D

Acq: 10 Oct 2023 15:17

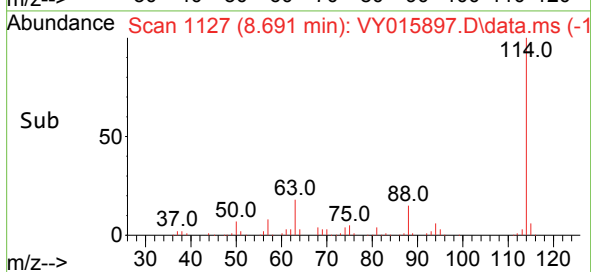
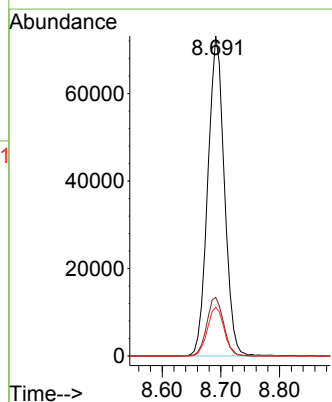
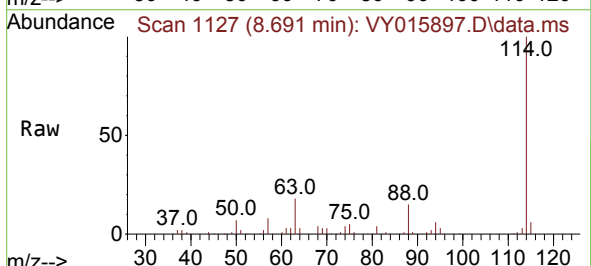
Tgt Ion: 114 Resp: 143010

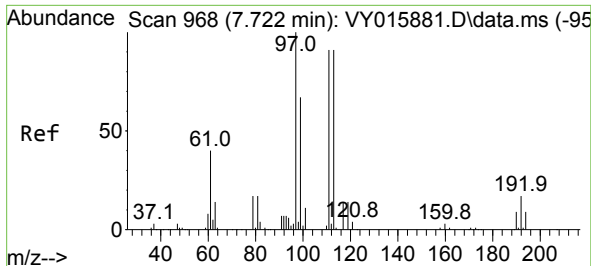
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

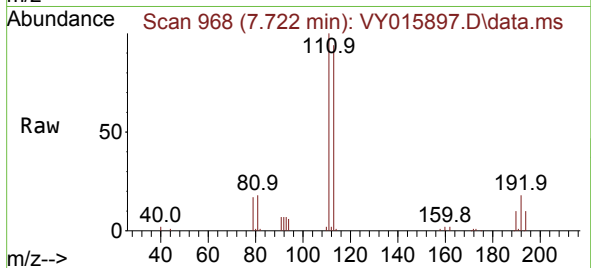
88 15.2 0.0 30.6



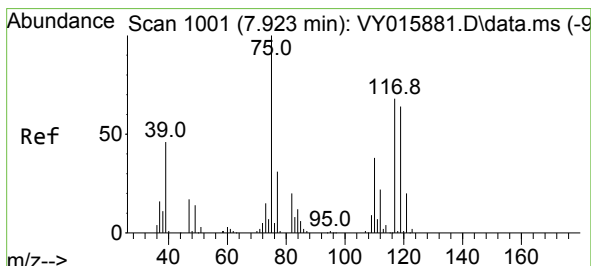
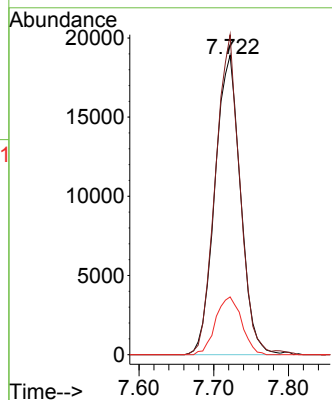
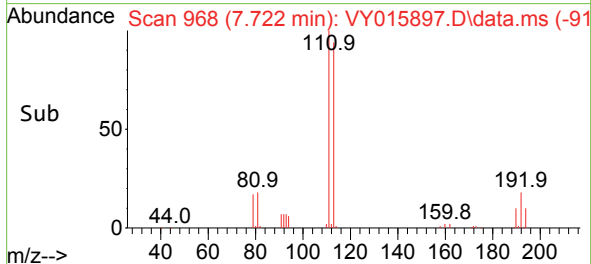


#35
Dibromofluoromethane
Concen: 56.347 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

Instrument :
MSVOA_Y
ClientSampleId :

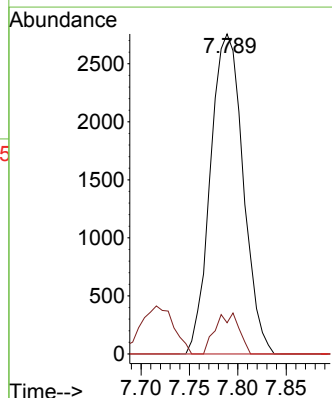
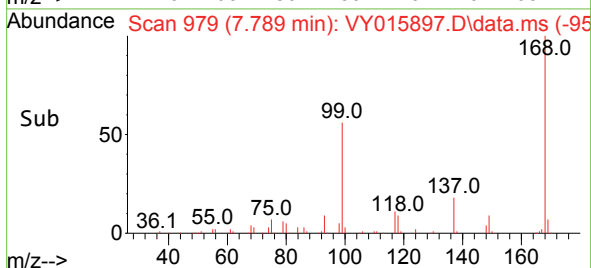
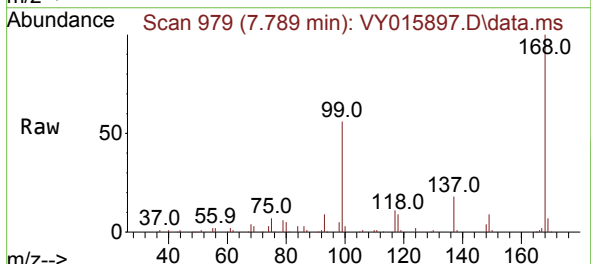


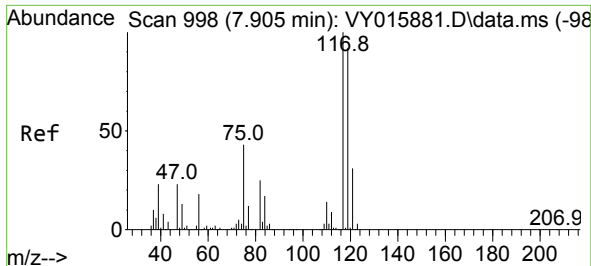
Tgt Ion:113 Resp: 44947
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.332 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

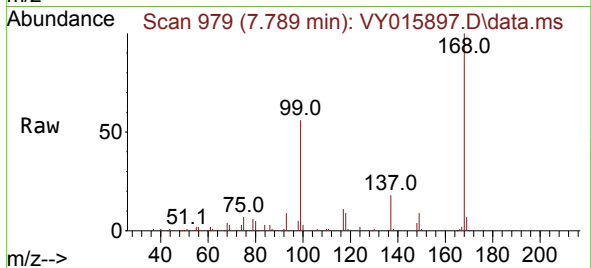
Tgt Ion: 75 Resp: 6477
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#



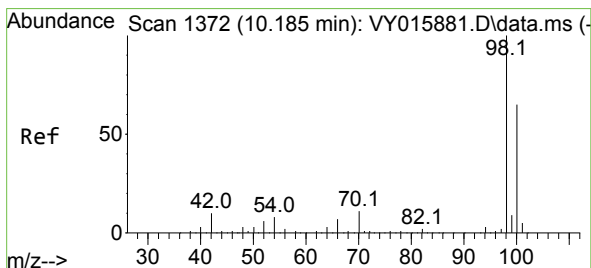
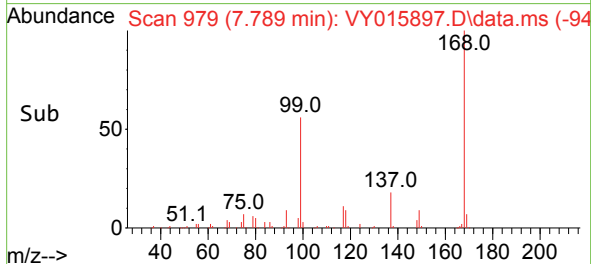
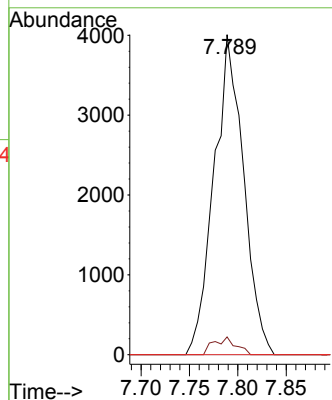


#38
Carbon Tetrachloride
Concen: 8.022 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

Instrument :
MSVOA_Y
ClientSampleId :

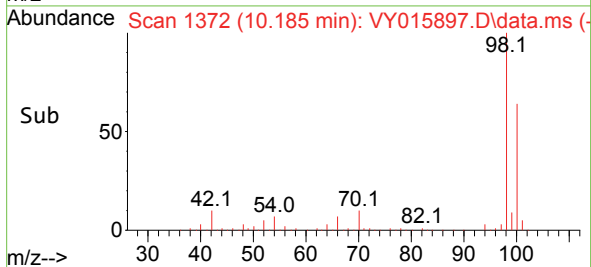
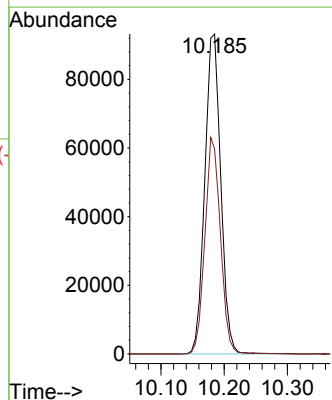
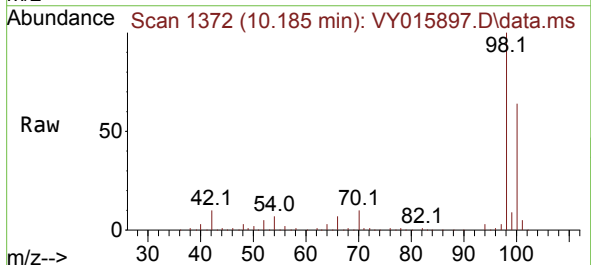


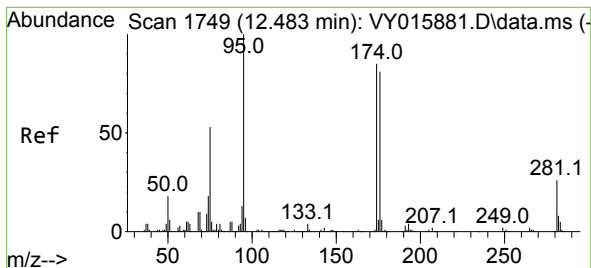
Tgt Ion:117 Resp: 8511
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 62.361 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

Tgt Ion: 98 Resp: 163942
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

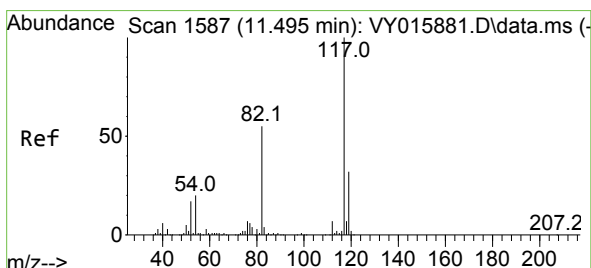
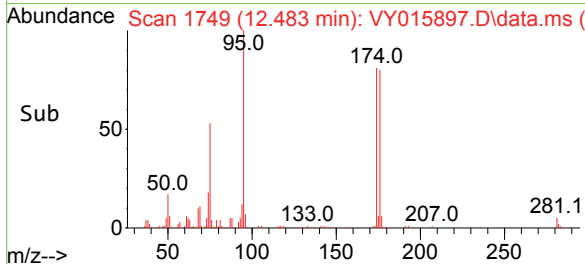
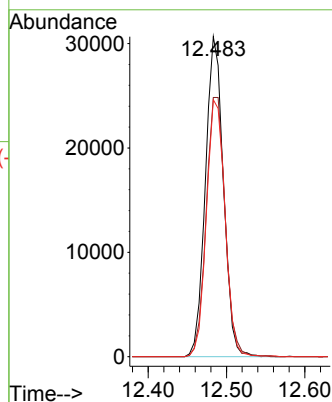
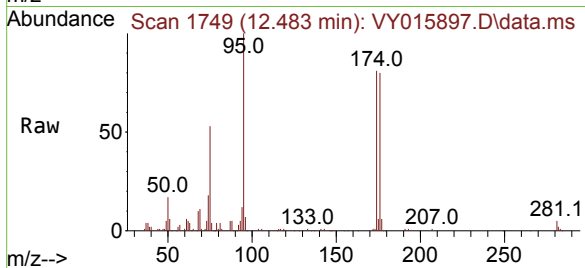




#62
4-Bromofluorobenzene
Concen: 45.817 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

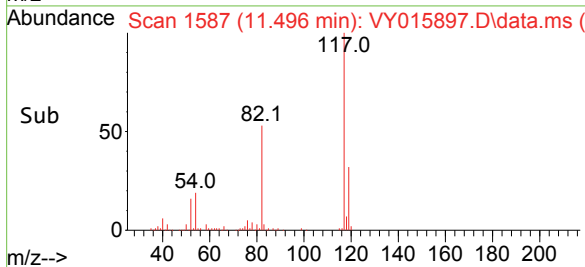
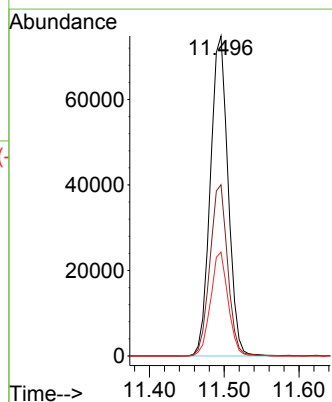
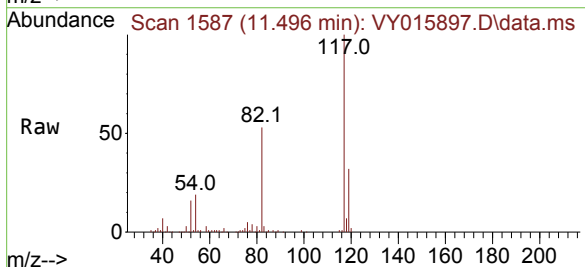
Instrument :
MSVOA_Y
ClientSampleId :

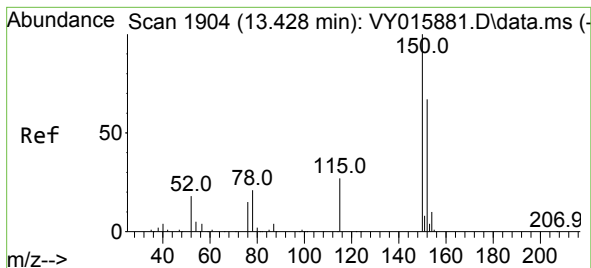
Tgt Ion: 95 Resp: 48923
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

Tgt Ion: 117 Resp: 123383
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

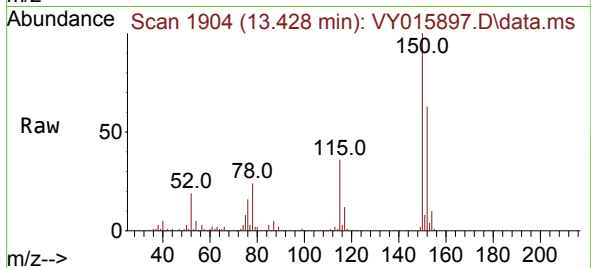
Lab File: VY015897.D

Acq: 10 Oct 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :



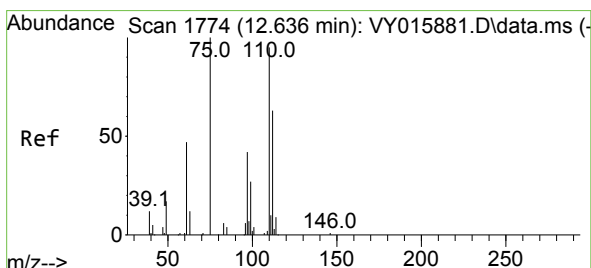
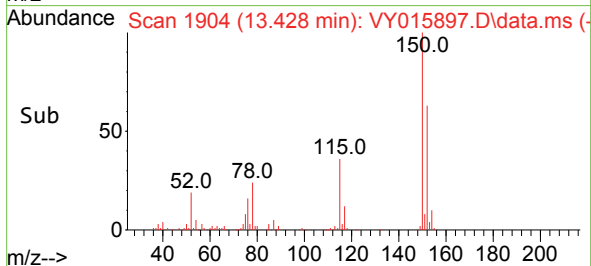
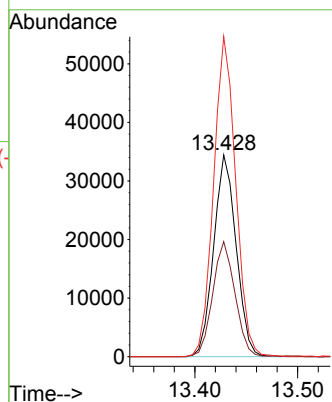
Tgt Ion:152 Resp: 52333

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 156.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.740 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY015897.D

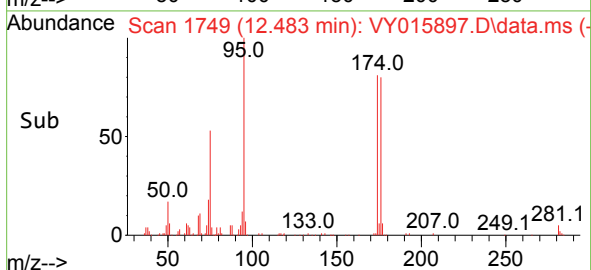
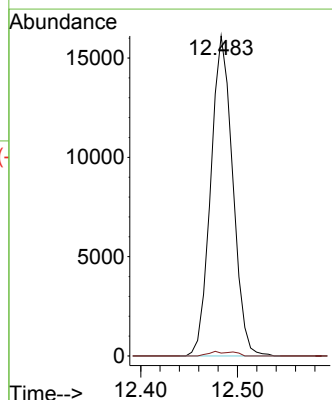
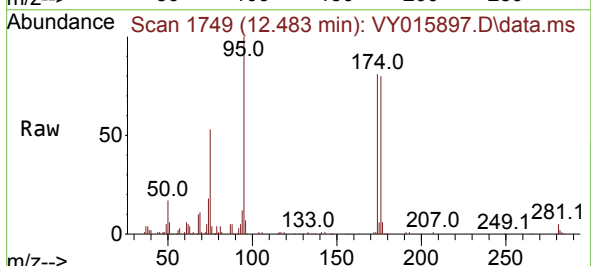
Acq: 10 Oct 2023 15:17

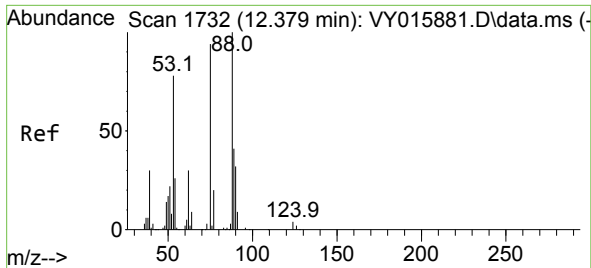
Tgt Ion: 75 Resp: 25500

Ion Ratio Lower Upper

75 100

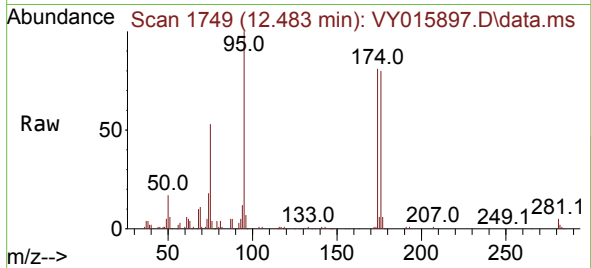
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.559 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015897.D
 Acq: 10 Oct 2023 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.3	37.4	56.0#

