

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014539.D
 Acq On : 03 Jul 2023 16:44
 Operator : KP/MD
 Sample : 03393-02
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SF-9

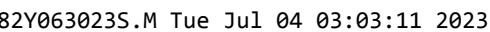
Quant Time: Jul 04 03:02:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

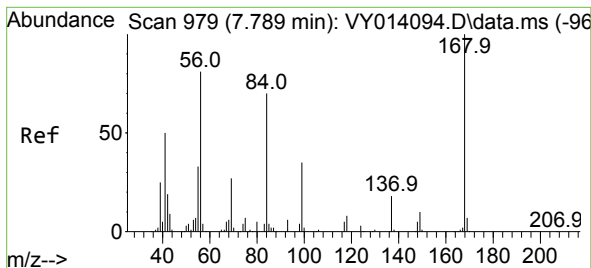
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.782	168	291473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	458346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	433059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	152469	52.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.160%
35) Dibromofluoromethane	7.709	113	144129	51.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.120%
50) Toluene-d8	10.172	98	540790	48.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.477	95	176471	45.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	75	Below Cal	#	43
11) Tert butyl alcohol	4.972	59	217	Below Cal	#	89
13) Acrolein	3.734	56	21	Below Cal	#	14
16) Acetone	3.942	43	1451	1.602	ug/l #	67
20) Methylene Chloride	4.704	84	27225	3.513	ug/l	85
36) 1,1-Dichloropropene	7.782	75	18675	4.321	ug/l #	48
38) Carbon Tetrachloride	7.782	117	24827	5.502	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	80959	34.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80959	66.588	ug/l #	11

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

Quant Time: Jul 04 03:02:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY014539.D

Acq: 03 Jul 2023 16:44

Instrument :

MSVOA_Y

ClientSampleId :

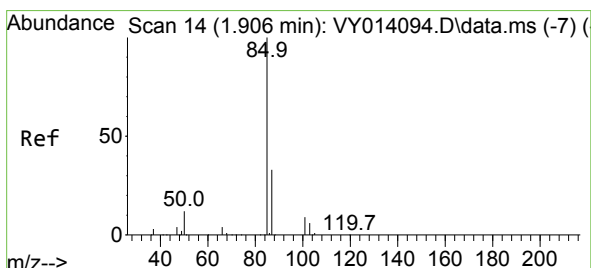
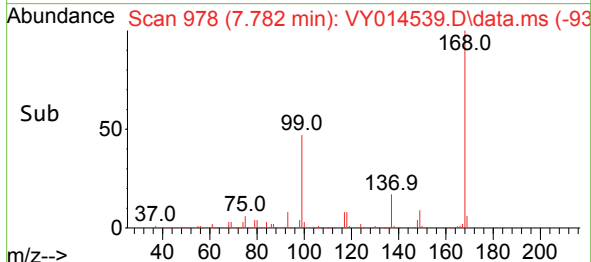
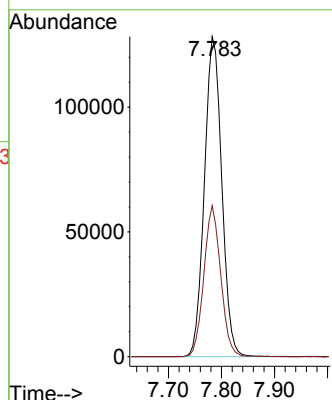
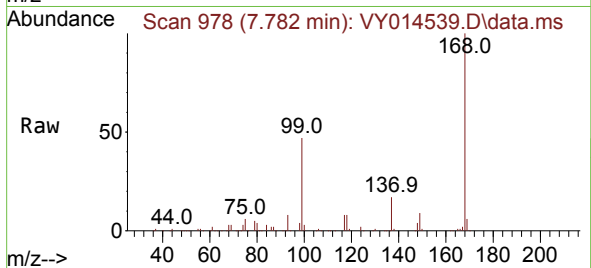
SF-9

Tgt Ion:168 Resp: 291473

Ion Ratio Lower Upper

168 100

99 47.2 43.4 65.0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.899 min Scan# 13

Delta R.T. -0.007 min

Lab File: VY014539.D

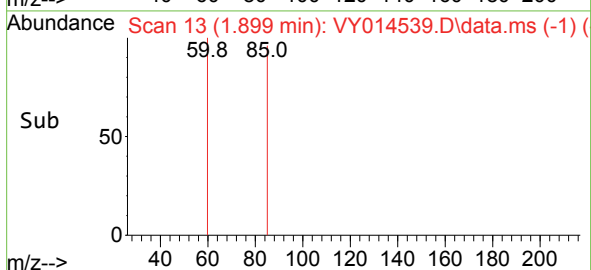
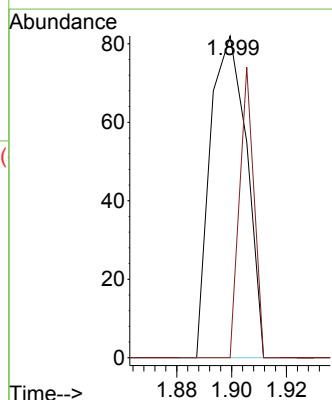
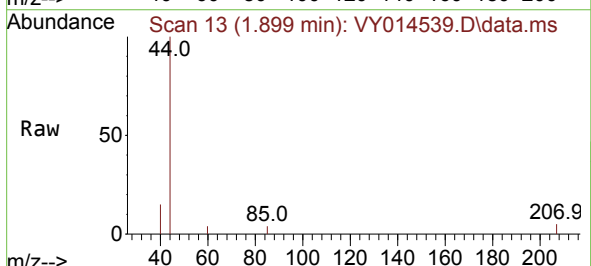
Acq: 03 Jul 2023 16:44

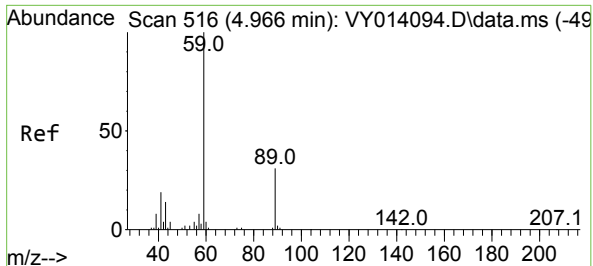
Tgt Ion: 85 Resp: 75

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#

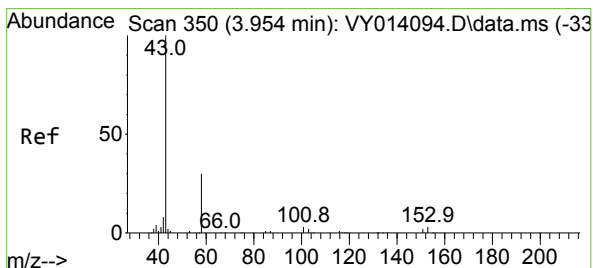
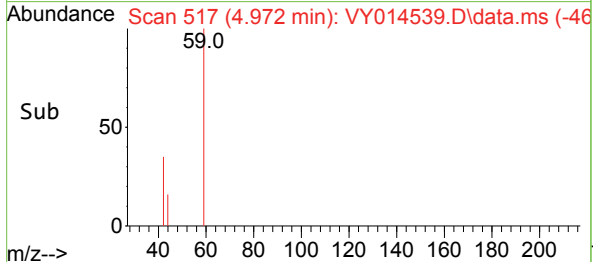
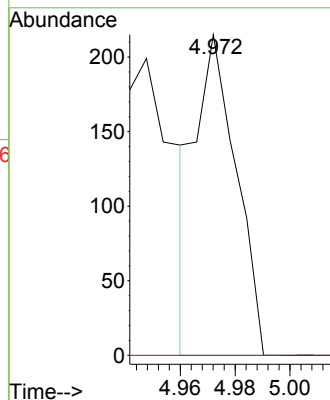
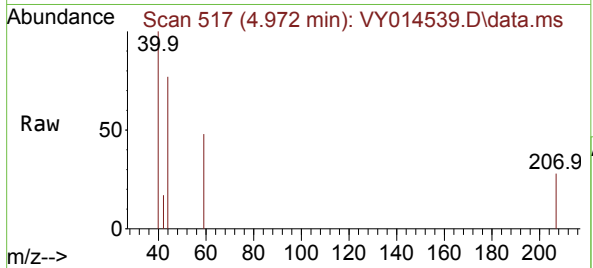




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

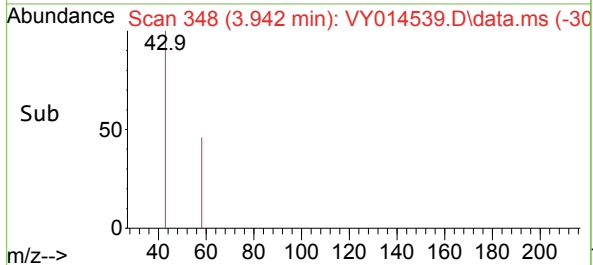
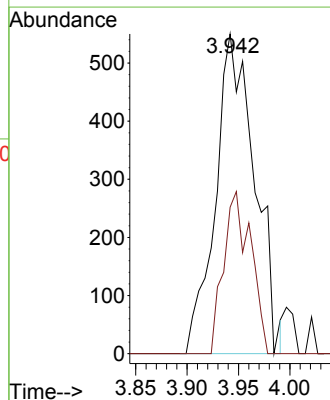
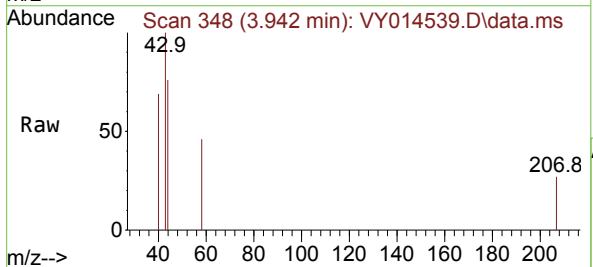
Instrument :
MSVOA_Y
ClientSampleId :
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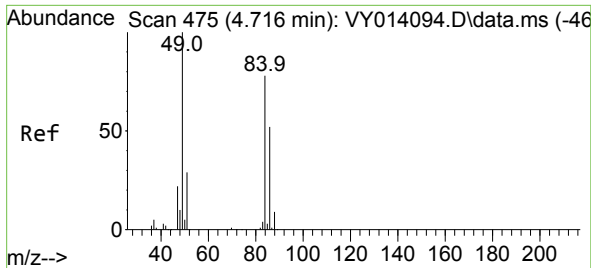
Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 1.602 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

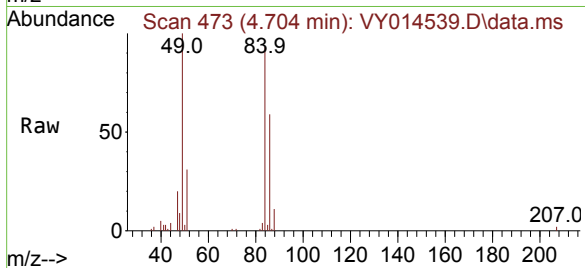
Tgt Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
58 45.8 22.7 34.1#





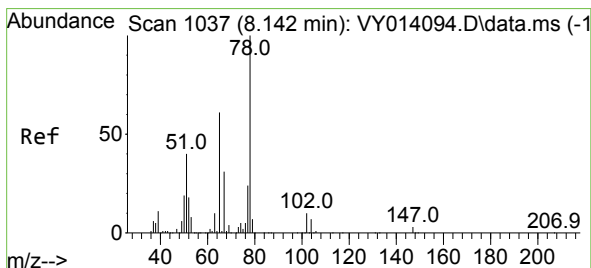
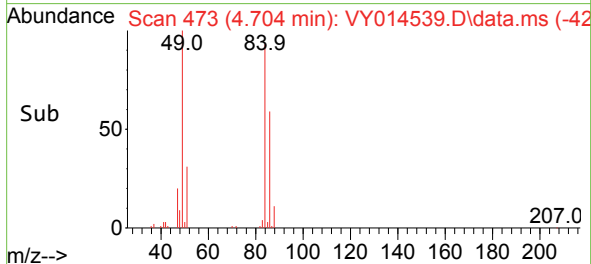
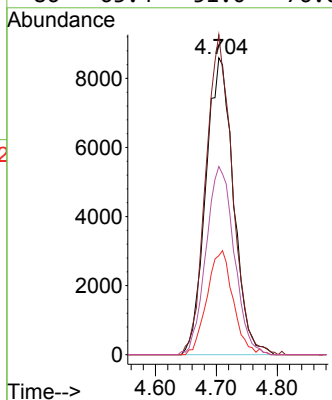
#20
Methylene Chloride
Concen: 3.513 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

Instrument :
MSVOA_Y
ClientSampleId :
SF-9



Tgt Ion: 84 Resp: 27225

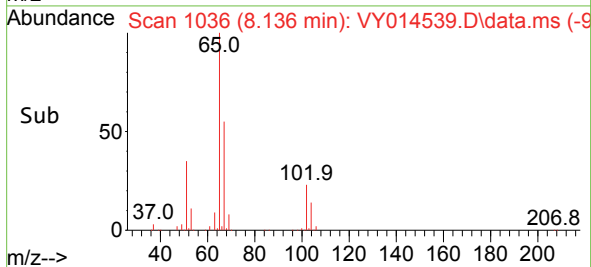
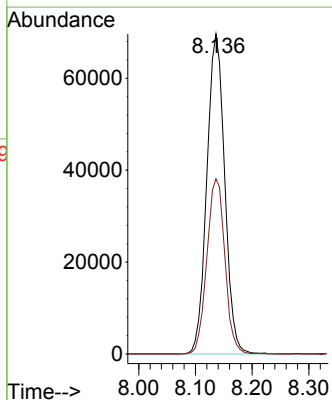
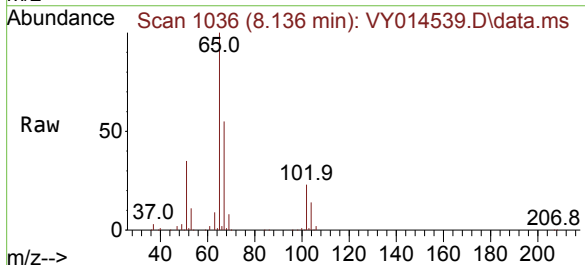
Ion	Ratio	Lower	Upper
84	100		
49	107.8	106.9	160.3
51	33.4	33.2	49.8
86	63.4	51.0	76.6

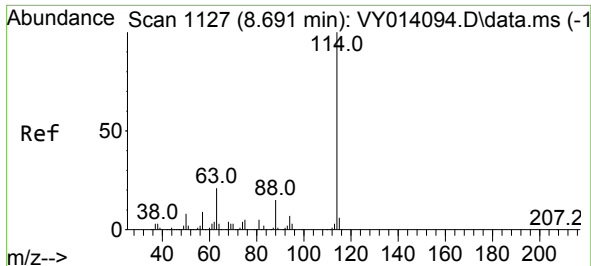


#33
1,2-Dichloroethane-d4
Concen: 52.584 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

Tgt Ion: 65 Resp: 152469

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	101.8

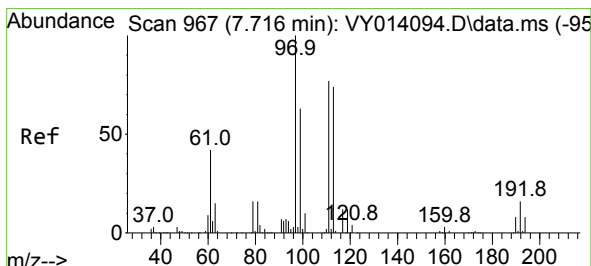
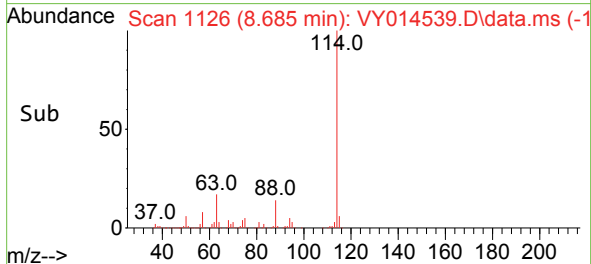
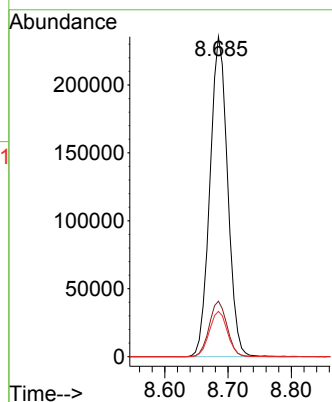
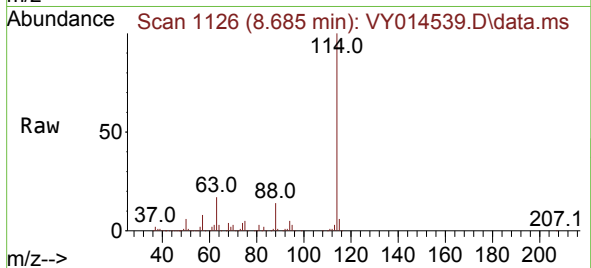




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

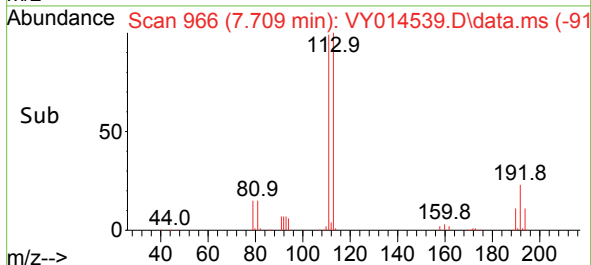
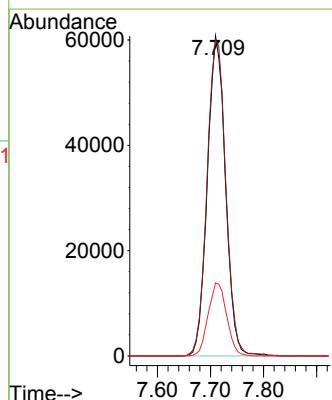
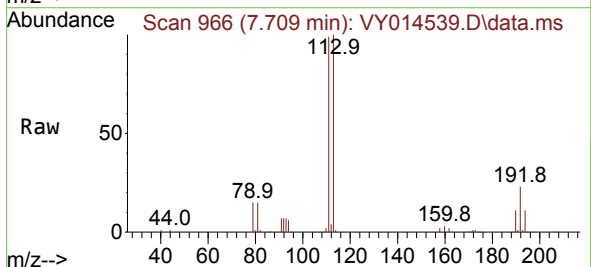
Instrument :
MSVOA_Y
ClientSampleId :
SF-9

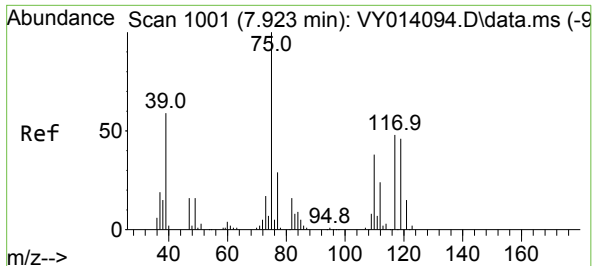
Tgt Ion:114 Resp: 458346
Ion Ratio Lower Upper
114 100
63 17.4 0.0 42.4
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.064 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

Tgt Ion:113 Resp: 144129
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 23.3 16.9 25.3

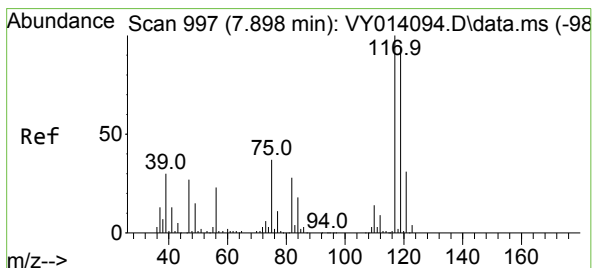
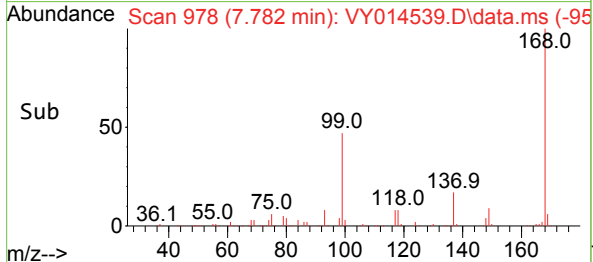
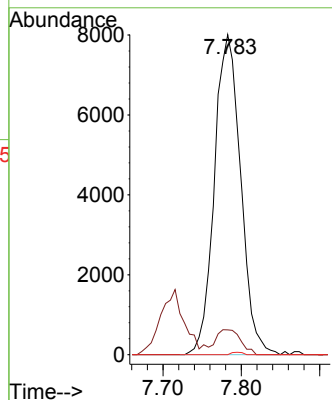
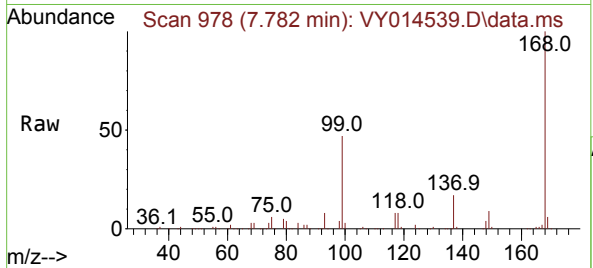




#36
 1,1-Dichloropropene
 Concen: 4.321 ug/l
 RT: 7.782 min Scan# 91
 Delta R.T. -0.141 min
 Lab File: VY014539.D
 Acq: 03 Jul 2023 16:44

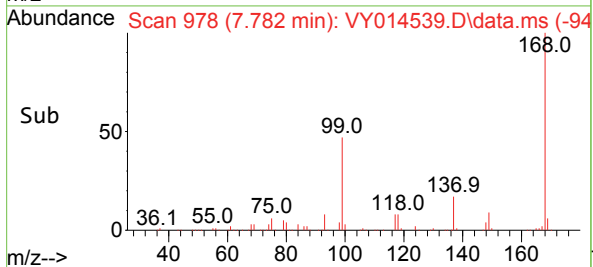
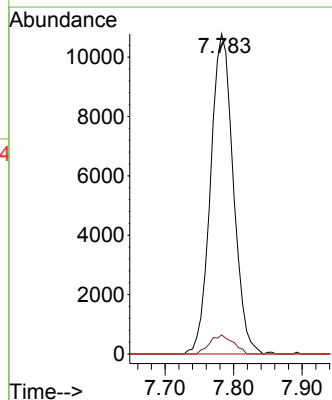
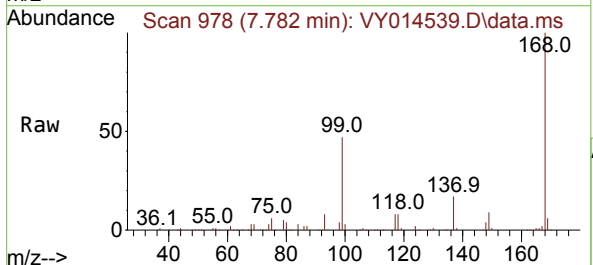
Instrument :
 MSVOA_Y
 ClientSampleId :
 SF-9

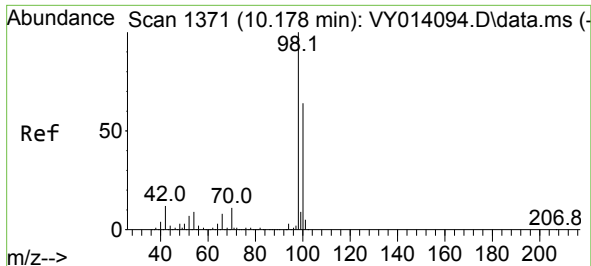
Tgt Ion: 75 Resp: 18675
 Ion Ratio Lower Upper
 75 100
 110 7.3 17.8 53.5#
 77 0.3 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.502 ug/l
 RT: 7.782 min Scan# 978
 Delta R.T. -0.115 min
 Lab File: VY014539.D
 Acq: 03 Jul 2023 16:44

Tgt Ion: 117 Resp: 24827
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.4 114.6#
 121 0.0 25.8 38.6#

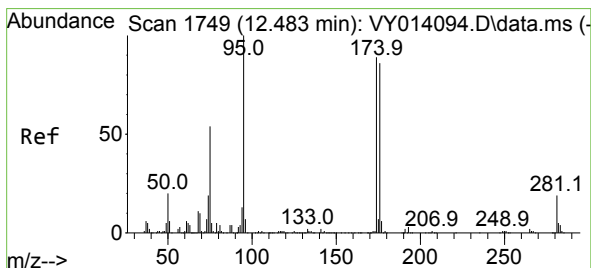
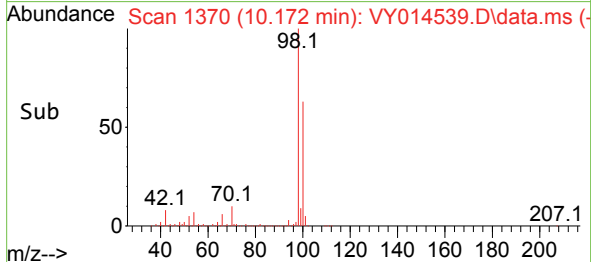
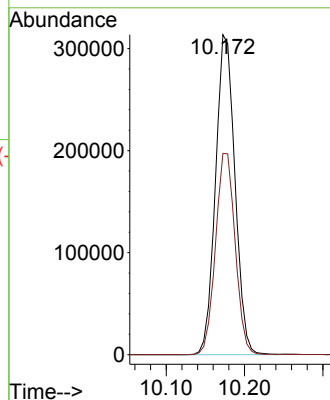
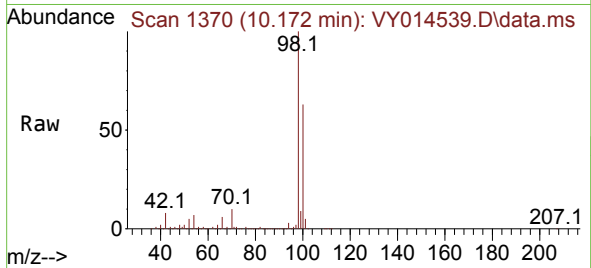




#50
Toluene-d8
Concen: 48.468 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

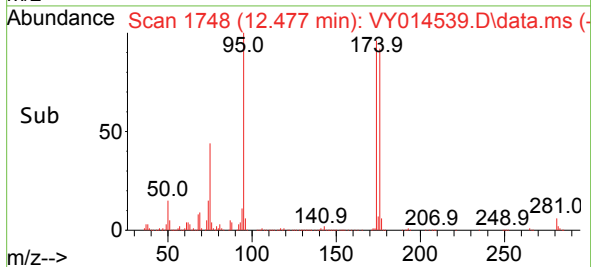
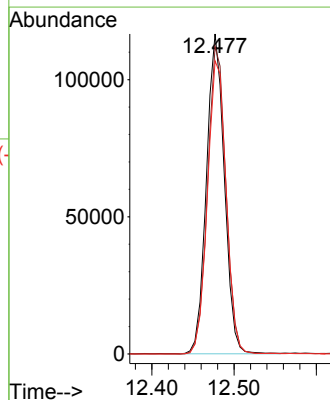
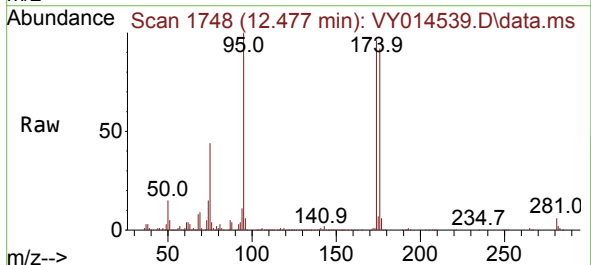
Instrument :
MSVOA_Y
ClientSampleId :
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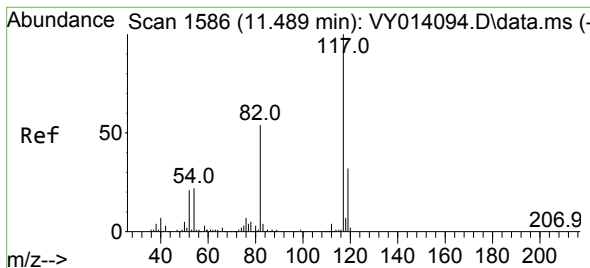
Tgt Ion: 98 Resp: 540790
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.547 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

Tgt Ion: 95 Resp: 176471
Ion Ratio Lower Upper
95 100
174 98.5 0.0 178.2
176 95.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014539.D

Acq: 03 Jul 2023 16:44

Instrument :

MSVOA_Y

ClientSampleId :

SF-9

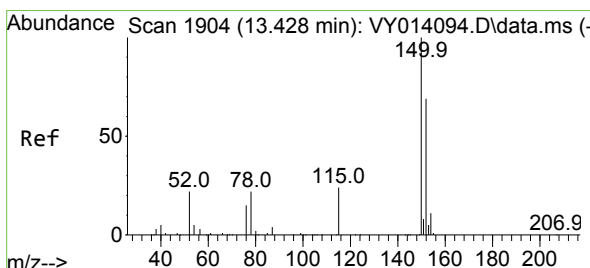
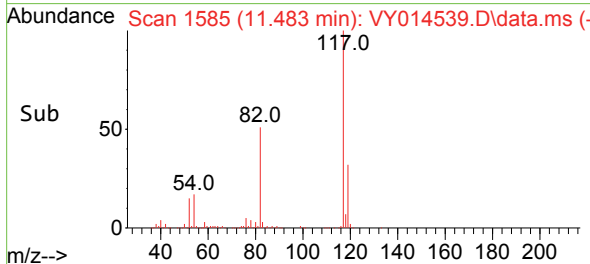
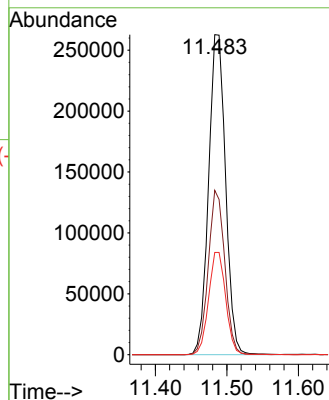
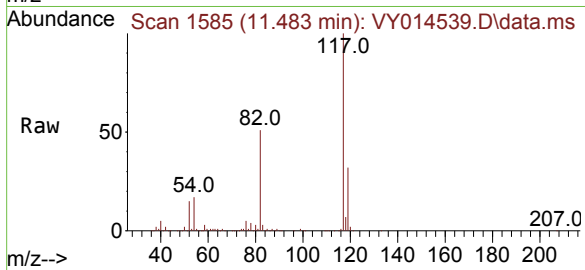
Tgt Ion:117 Resp: 433059

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014539.D

Acq: 03 Jul 2023 16:44

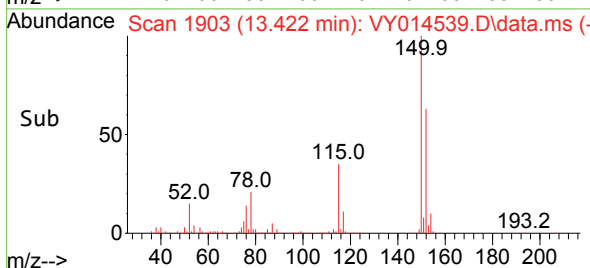
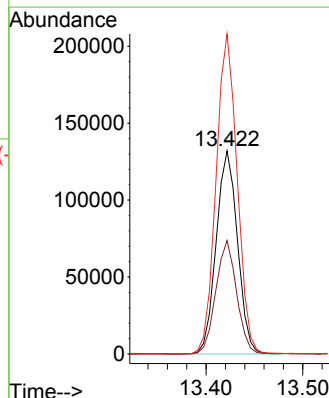
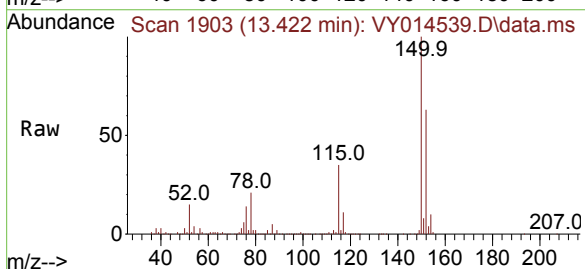
Tgt Ion:152 Resp: 201668

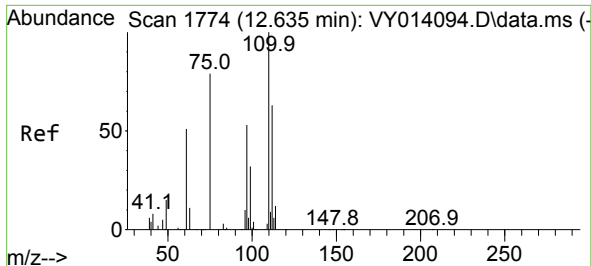
Ion Ratio Lower Upper

152 100

115 54.6 28.8 86.5

150 156.3 0.0 348.8

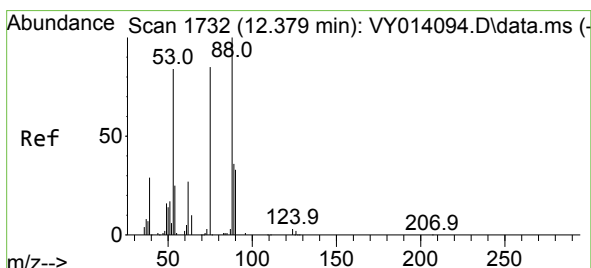
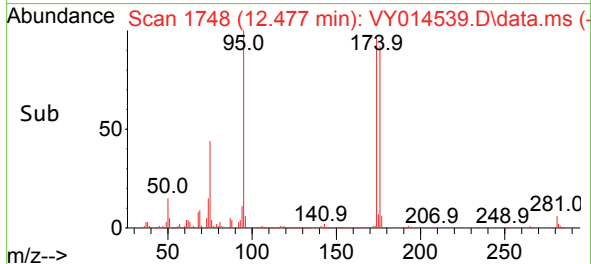
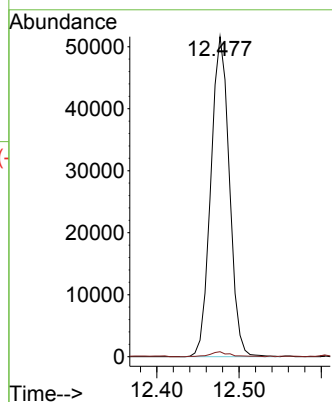
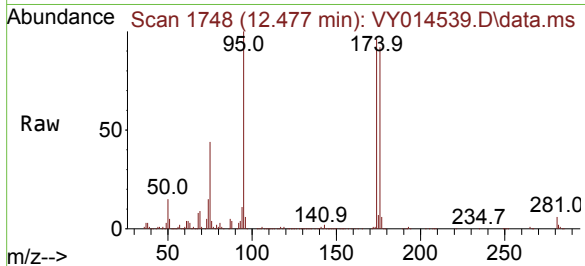




#76
1,2,3-Trichloropropane
Concen: 34.210 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

Instrument :
MSVOA_Y
ClientSampleId :
SF-9

Tgt Ion: 75 Resp: 80959
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.588 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

Tgt Ion: 75 Resp: 80959
Ion Ratio Lower Upper
75 100
53 0.4 77.8 116.8#
89 0.0 37.4 56.0#

