

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013646.D
 Acq On : 08 May 2023 14:02
 Operator : KP/MD
 Sample : 02522-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2264

Quant Time: May 09 04:56:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

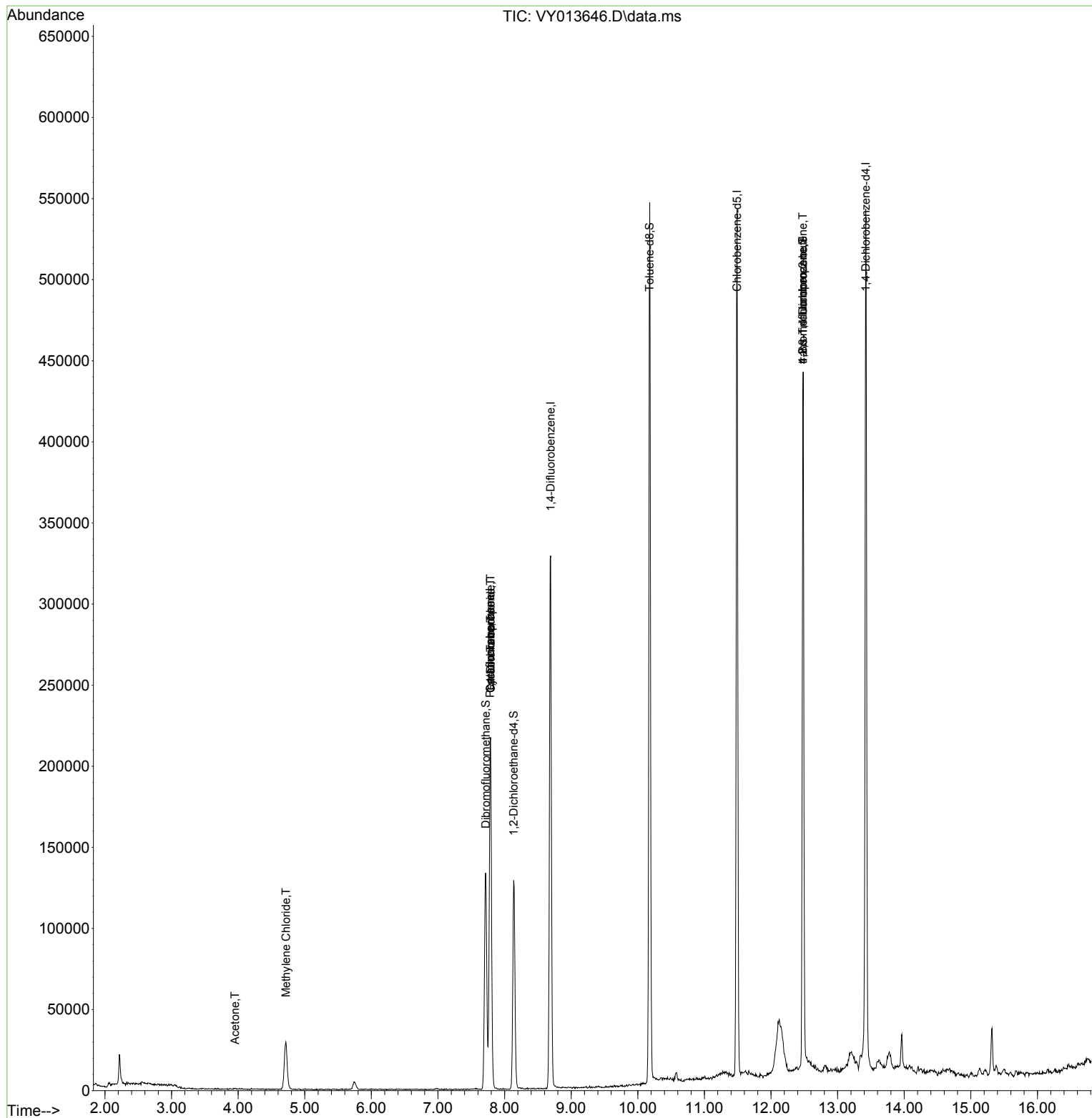
Internal Standards						
1) Pentafluorobenzene	7.783	168	173084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	280907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105530	55.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.240%
35) Dibromofluoromethane	7.716	113	93403	53.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.020%
50) Toluene-d8	10.179	98	352490	56.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.480%
62) 4-Bromofluorobenzene	12.477	95	123943	58.656	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	117.320%
Target Compounds						
					Qvalue	
13) Acrolein	3.735	56	26	Below Cal	#	16
16) Acetone	3.954	43	845	1.131	ug/l	94
20) Methylene Chloride	4.716	84	21561	1.338	ug/l	88
31) Cyclohexane	7.789	56	3776	1.112	ug/l #	40
36) 1,1-Dichloropropene	7.789	75	12790	4.374	ug/l #	48
38) Carbon Tetrachloride	7.789	117	17040	5.560	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	66980	37.295	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66980	76.290	ug/l #	13

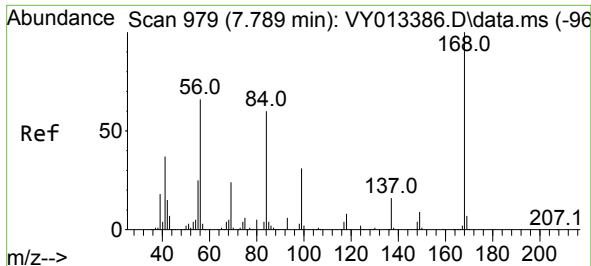
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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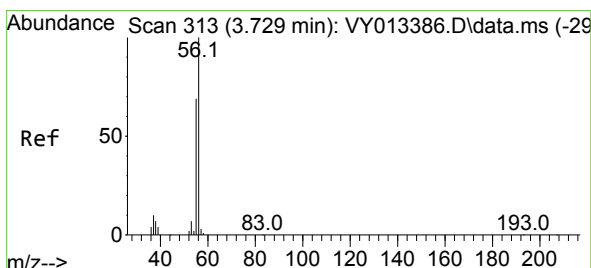
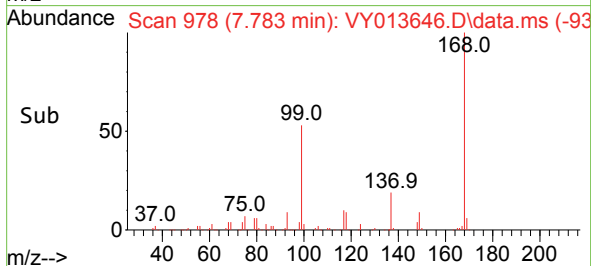
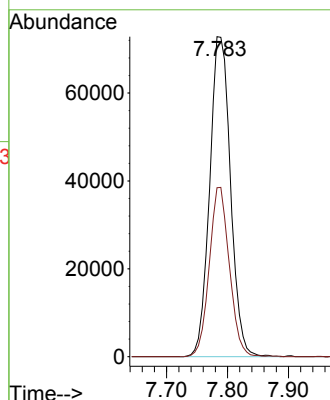
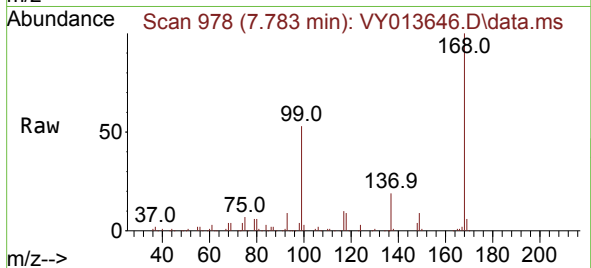




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

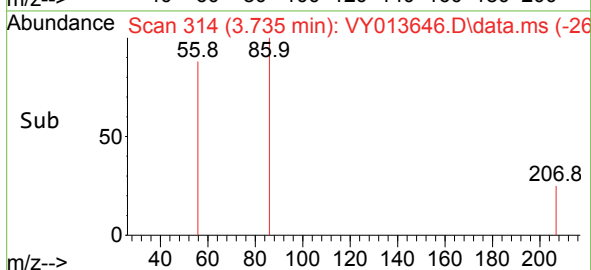
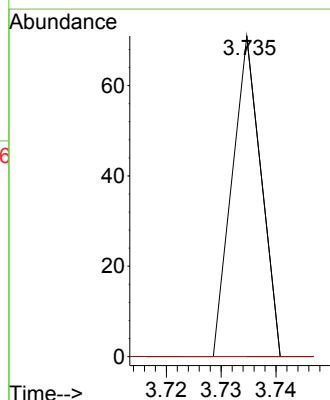
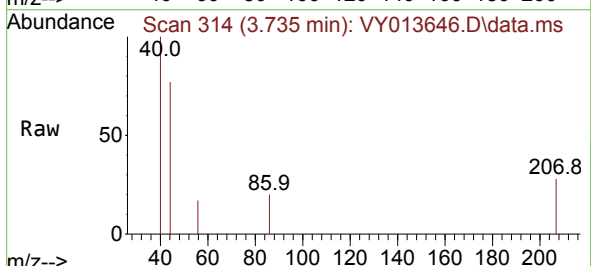
Instrument :
MSVOA_Y
ClientSampleId :
2264

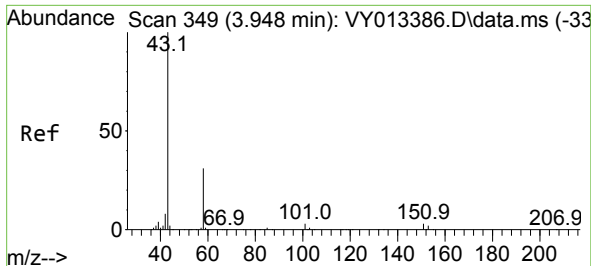
Tgt Ion:168 Resp: 173084
Ion Ratio Lower Upper
168 100
99 52.8 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#





#16

Acetone

Concen: 1.131 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY013646.D

Acq: 08 May 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

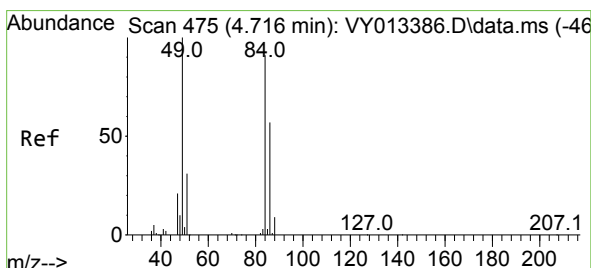
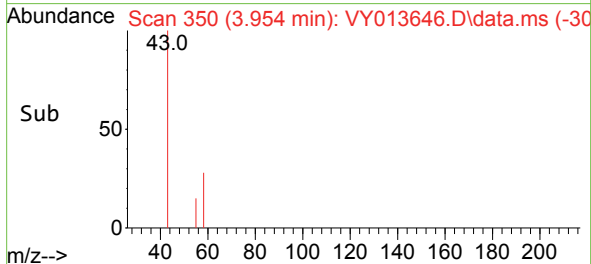
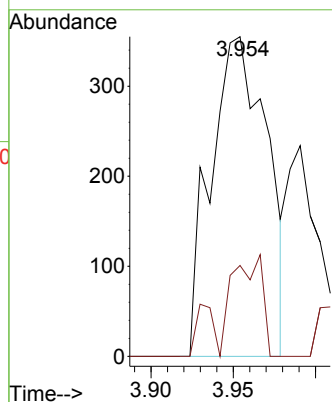
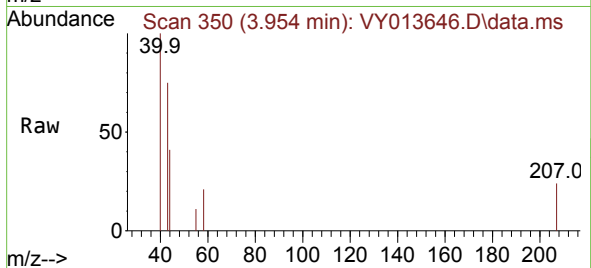
2264

Tgt Ion: 43 Resp: 845

Ion Ratio Lower Upper

43 100

58 28.5 25.4 38.0



#20

Methylene Chloride

Concen: 1.338 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013646.D

Acq: 08 May 2023 14:02

Tgt Ion: 84 Resp: 21561

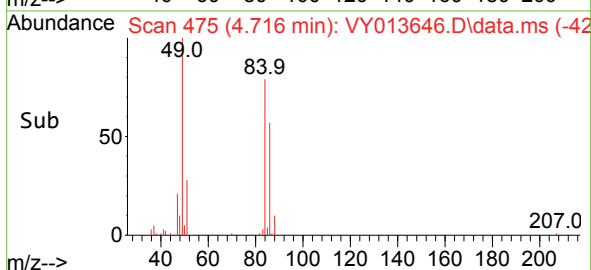
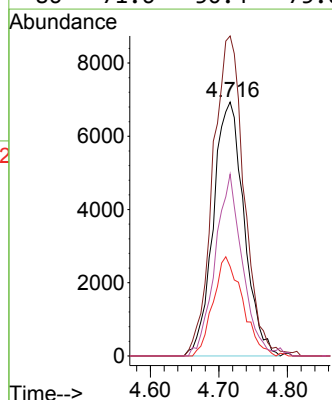
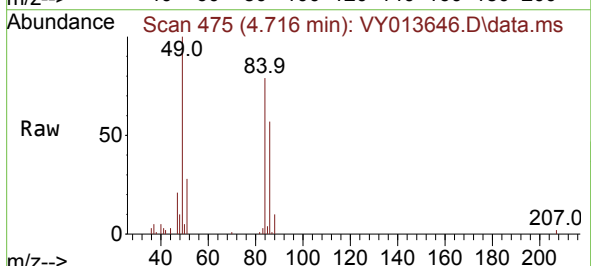
Ion Ratio Lower Upper

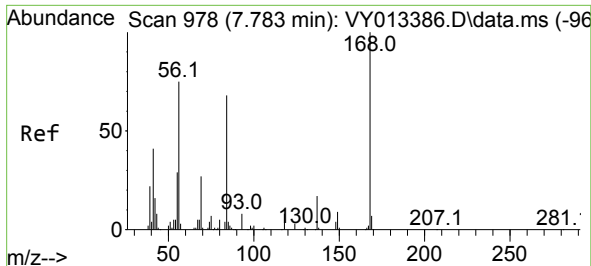
84 100

49 126.0 88.0 132.0

51 35.3 27.4 41.0

86 71.6 50.4 75.6

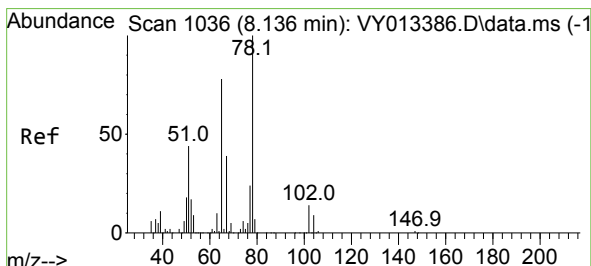
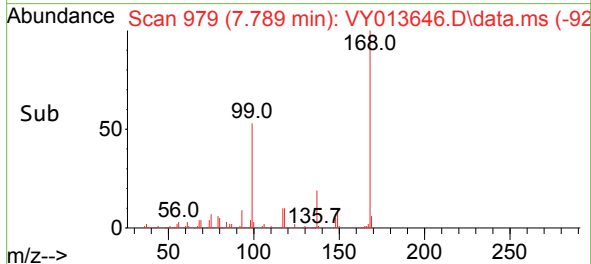
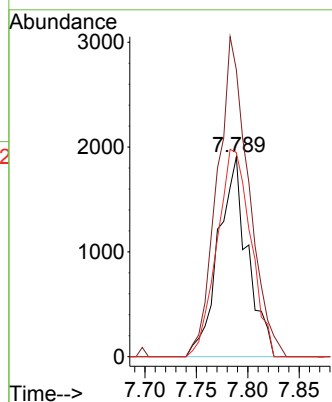
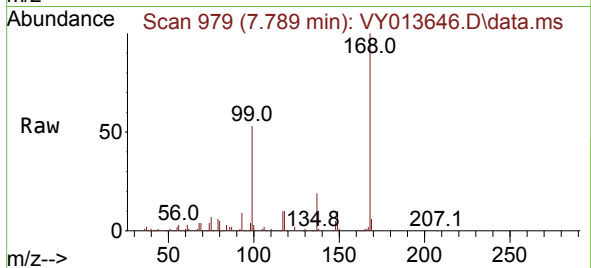




#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

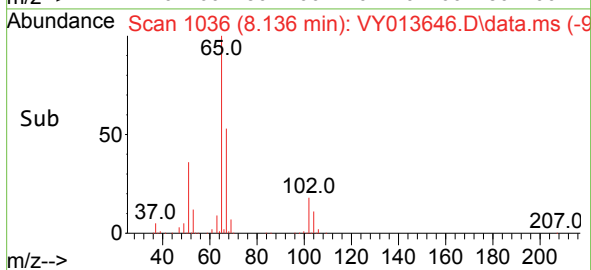
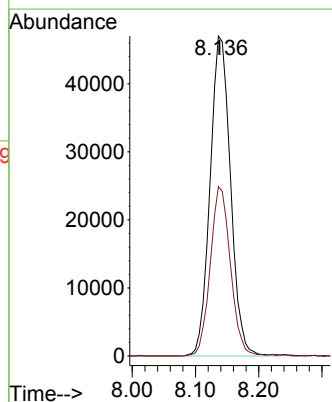
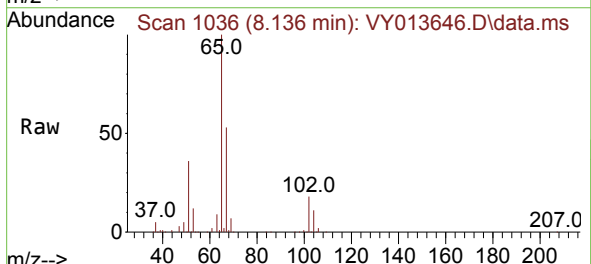
Instrument :
MSVOA_Y
ClientSampleId :
2264

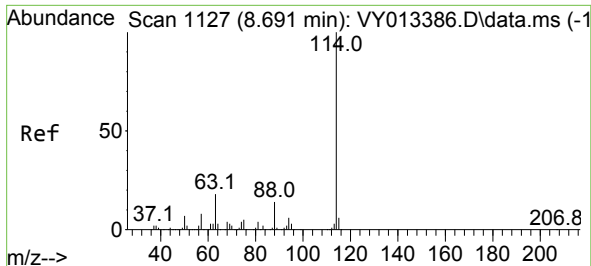
Tgt Ion: 56 Resp: 3776
Ion Ratio Lower Upper
56 100
69 143.5 29.2 43.8#
84 102.1 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 55.619 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

Tgt Ion: 65 Resp: 105530
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

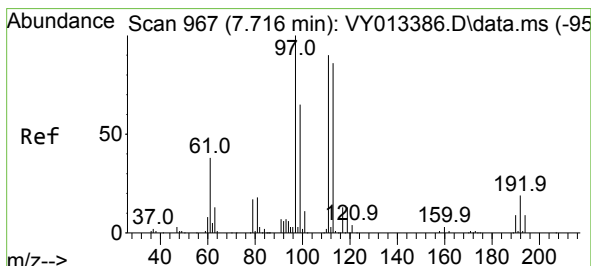
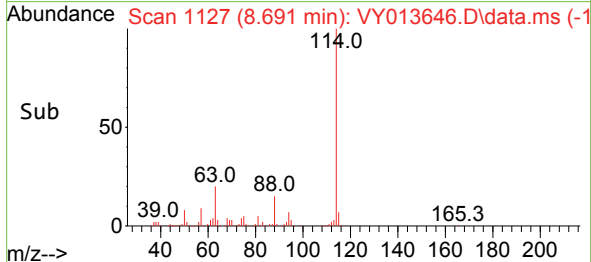
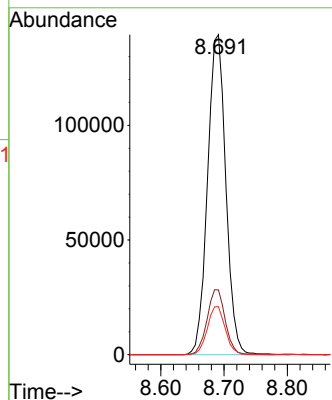
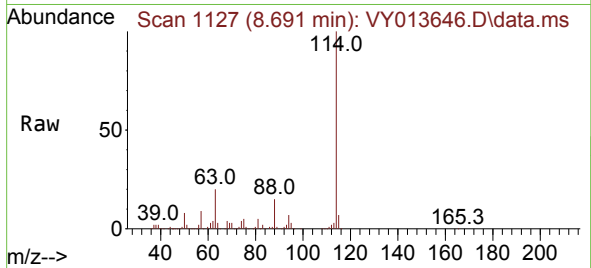




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

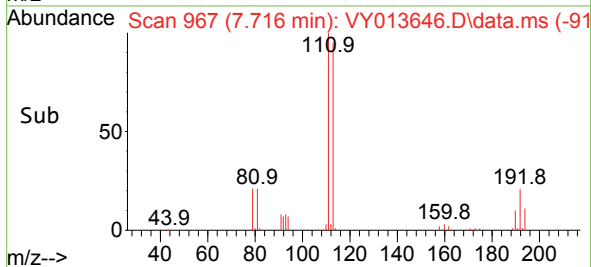
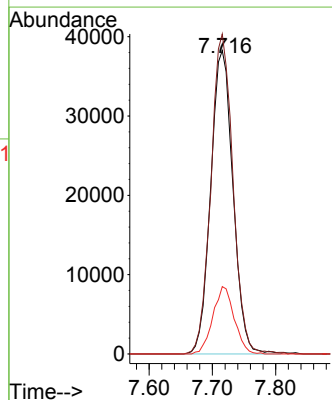
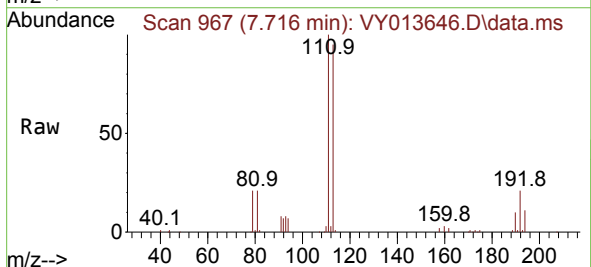
Instrument :
MSVOA_Y
ClientSampleId :
2264

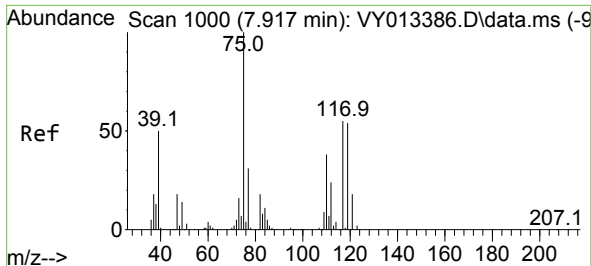
Tgt Ion:114 Resp: 280134
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.6
88 15.0 0.0 28.8



#35
Dibromofluoromethane
Concen: 53.012 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

Tgt Ion:113 Resp: 93403
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 21.3 16.7 25.1

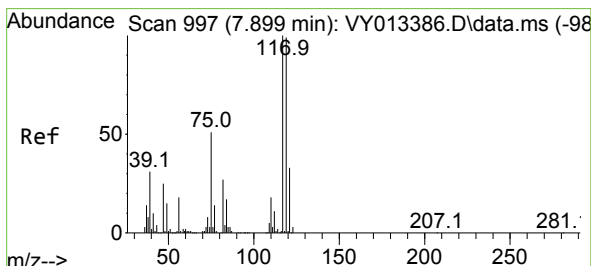
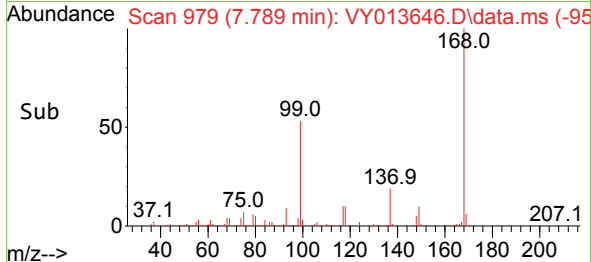
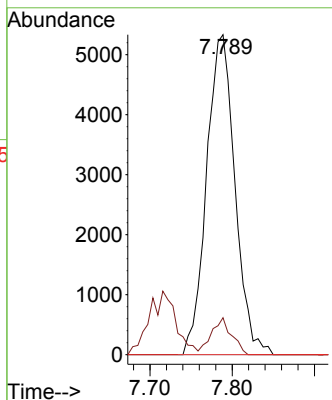
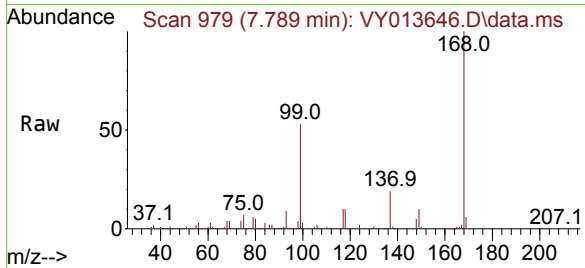




#36
 1,1-Dichloropropene
 Concen: 4.374 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY013646.D
 Acq: 08 May 2023 14:02

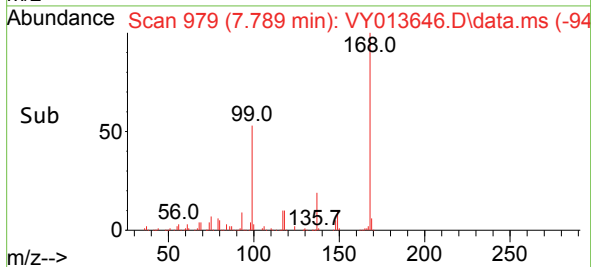
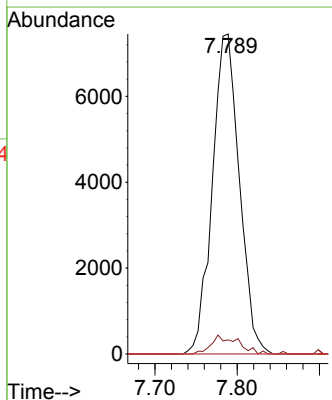
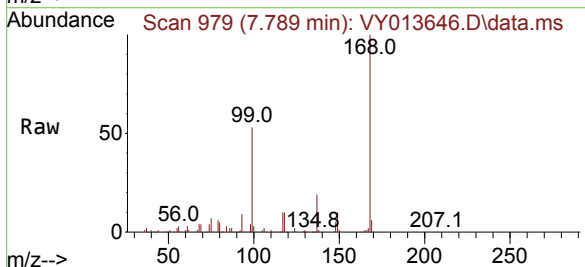
Instrument :
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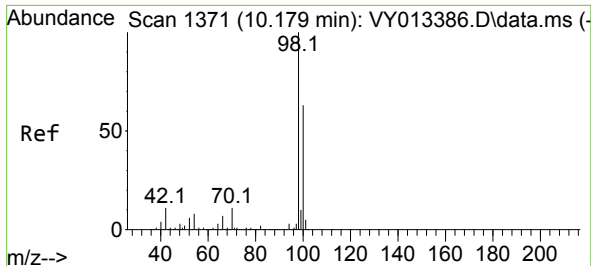
Tgt Ion: 75 Resp: 12790
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.7 56.1#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.560 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY013646.D
 Acq: 08 May 2023 14:02

Tgt Ion: 117 Resp: 17040
 Ion Ratio Lower Upper
 117 100
 119 4.4 79.0 118.6#
 121 0.0 26.6 40.0#

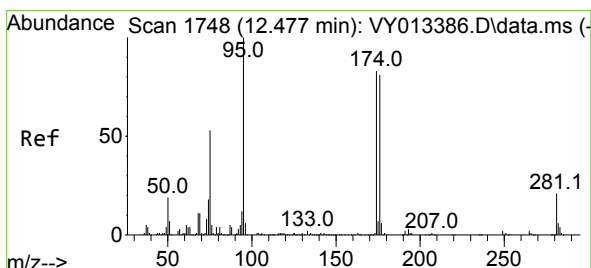
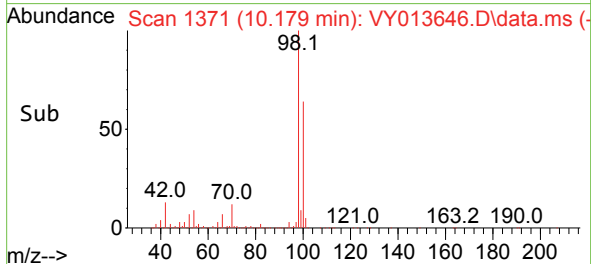
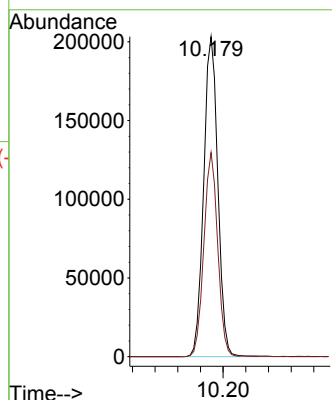
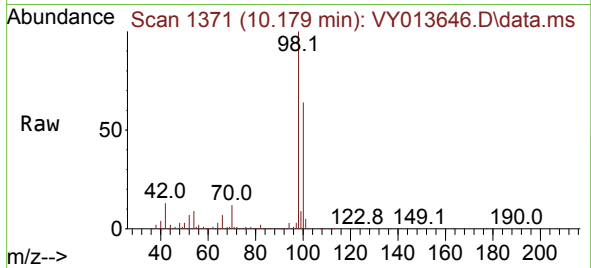




#50
Toluene-d8
Concen: 56.238 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

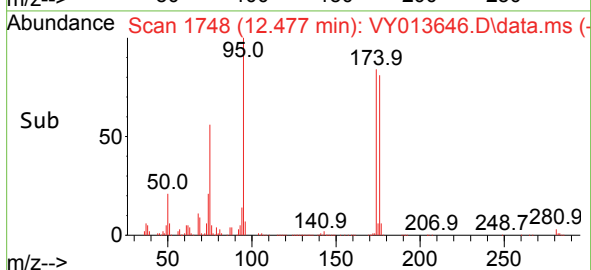
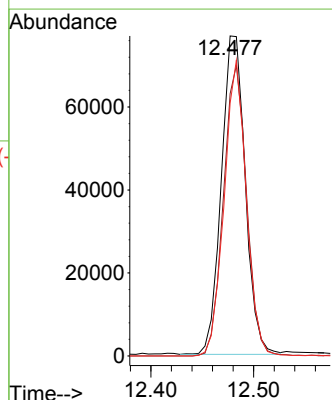
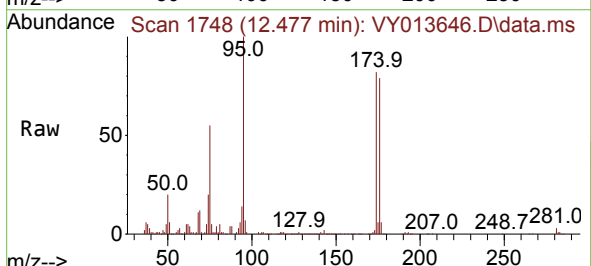
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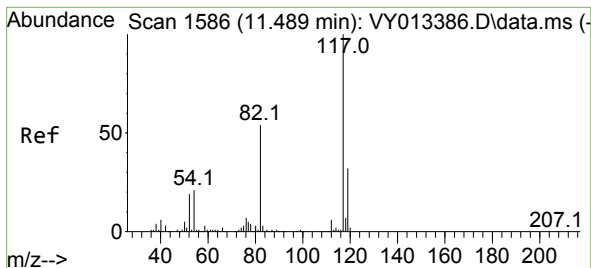
Tgt Ion: 98 Resp: 352490
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 58.656 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

Tgt Ion: 95 Resp: 123943
Ion Ratio Lower Upper
95 100
174 88.6 0.0 182.0
176 86.1 0.0 175.4

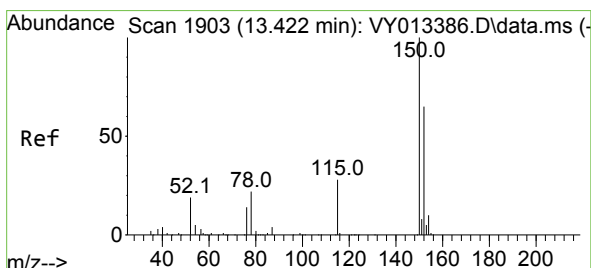
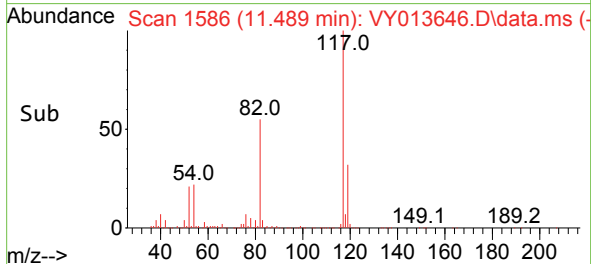
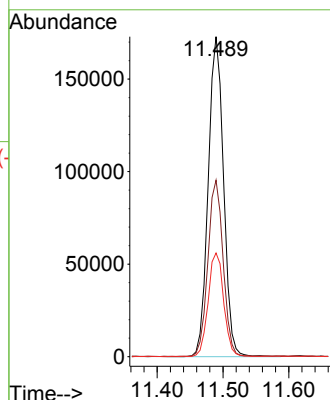
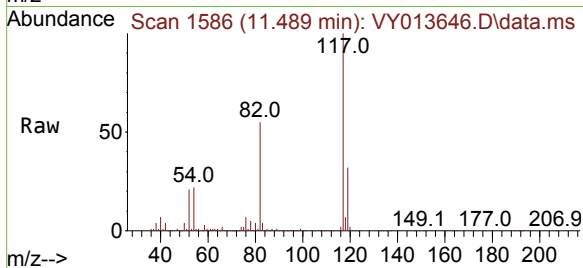




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

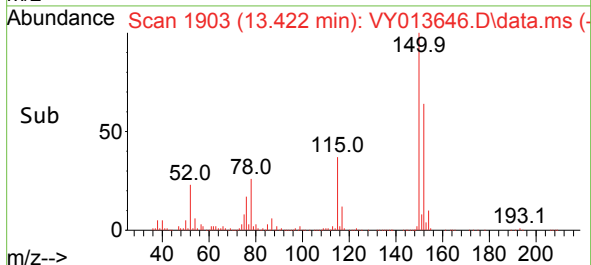
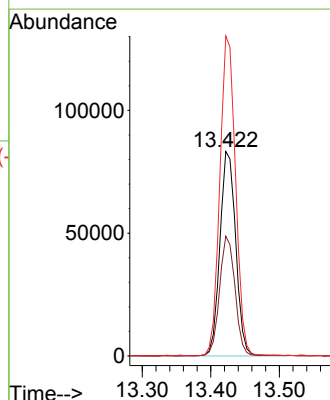
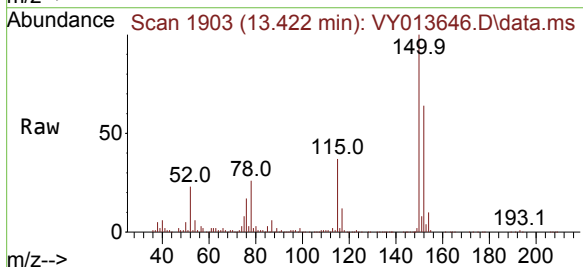
Instrument :
MSVOA_Y
ClientSampleId :
2264

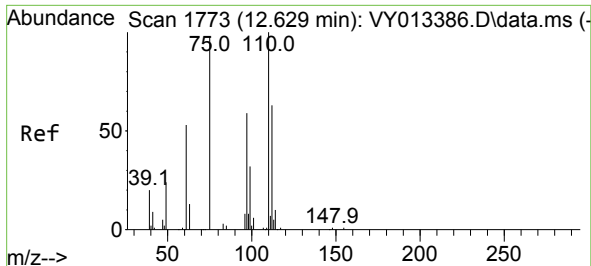
Tgt Ion:117 Resp: 280907
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.6
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

Tgt Ion:152 Resp: 133168
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 155.6 0.0 352.0

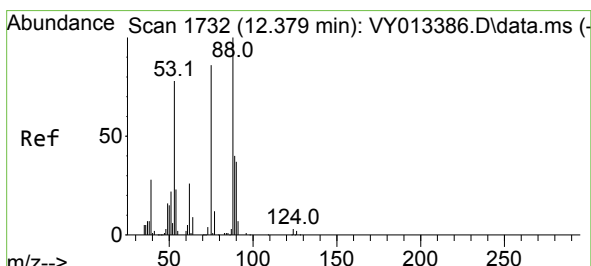
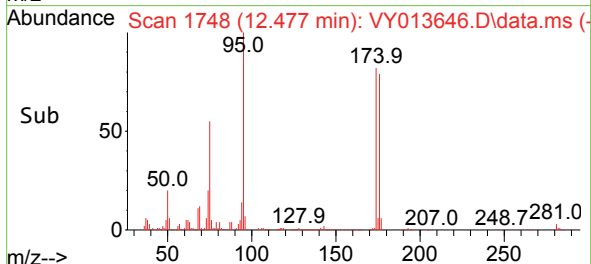
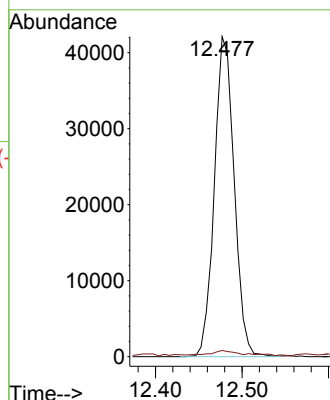
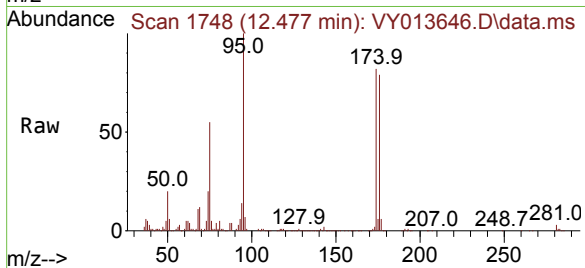




#76
1,2,3-Trichloropropane
Concen: 37.295 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

Instrument :
MSVOA_Y
ClientSampleId :
2264

Tgt Ion: 75 Resp: 66980
Ion Ratio Lower Upper
75 100
77 3.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.290 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

Tgt Ion: 75 Resp: 66980
Ion Ratio Lower Upper
75 100
53 0.2 73.2 109.8#
89 0.0 38.0 57.0#

