

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015564.D
 Acq On : 15 Sep 2023 13:07
 Operator : SY/MD
 Sample : 04409-09
 Misc : 11.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 15:36:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

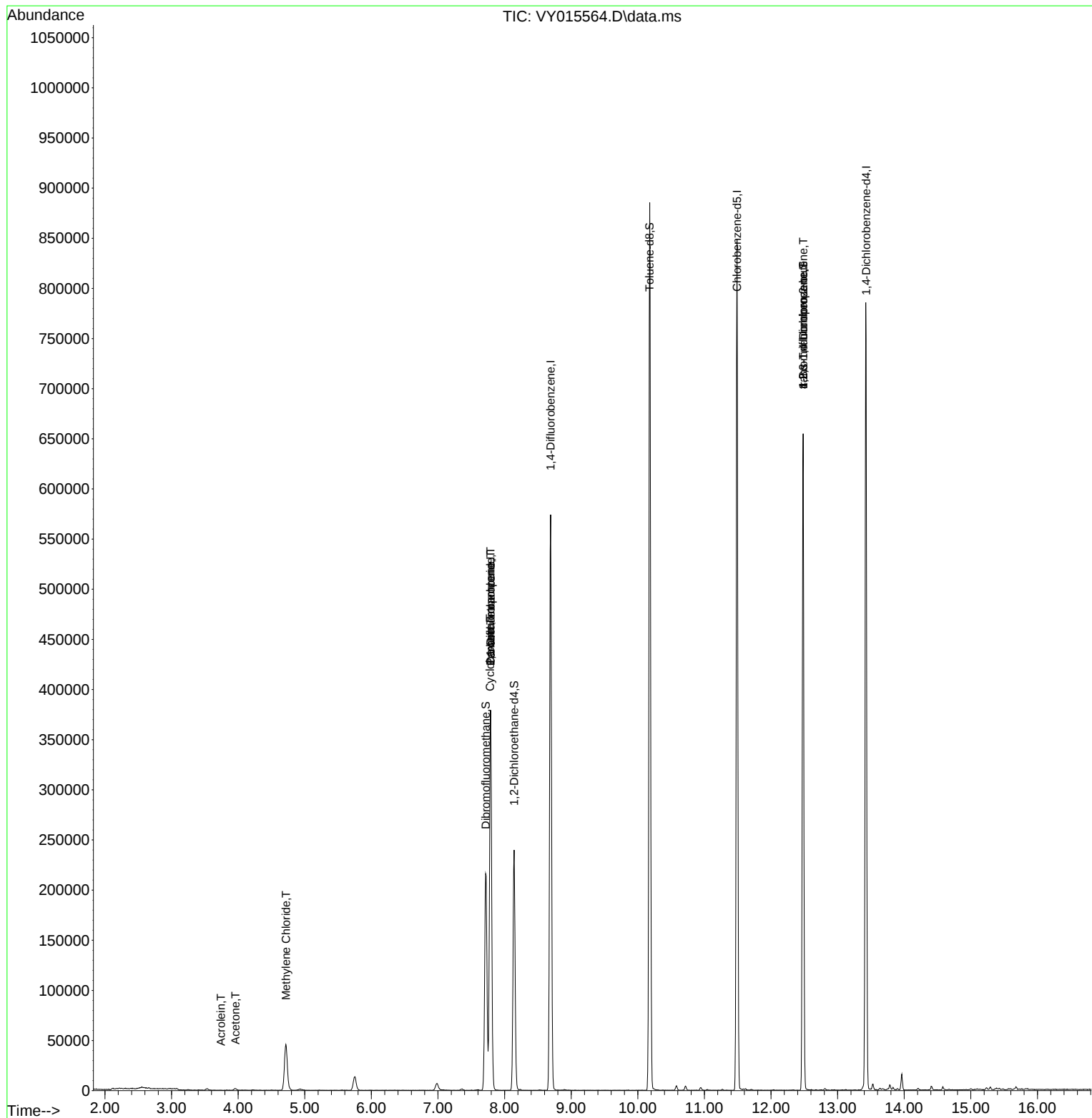
Internal Standards						
1) Pentafluorobenzene	7.789	168	297748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	499502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	444648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	183563	57.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.020%
35) Dibromofluoromethane	7.716	113	155172	53.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.860%
50) Toluene-d8	10.179	98	579367	55.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.220%
62) 4-Bromofluorobenzene	12.483	95	193932	50.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.280%
Target Compounds						
11) Tert butyl alcohol	4.954	59	1711	Below Cal	#	94
13) Acrolein	3.741	56	24	11.672	ug/l #	14
16) Acetone	3.960	43	2906	2.181	ug/l	94
20) Methylene Chloride	4.716	84	35047	2.374	ug/l	87
31) Cyclohexane	7.783	56	6119	1.079	ug/l #	5
36) 1,1-Dichloropropene	7.789	75	22341	4.422	ug/l #	51
38) Carbon Tetrachloride	7.789	117	29399	5.635	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	105479	38.958	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	105479	85.937	ug/l #	10

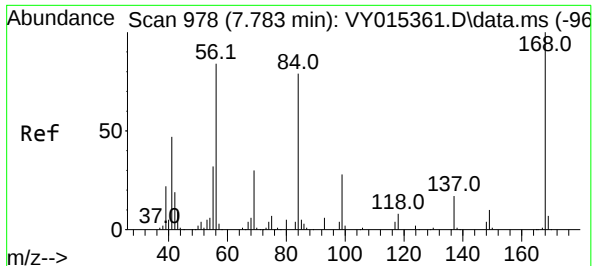
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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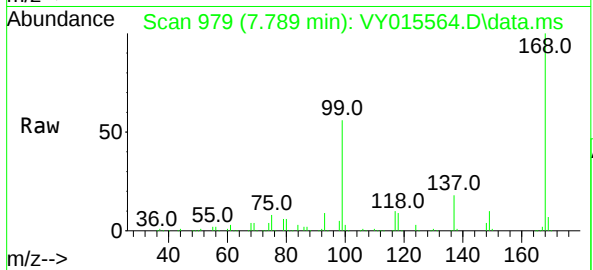
Quant Time: Sep 15 15:36:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



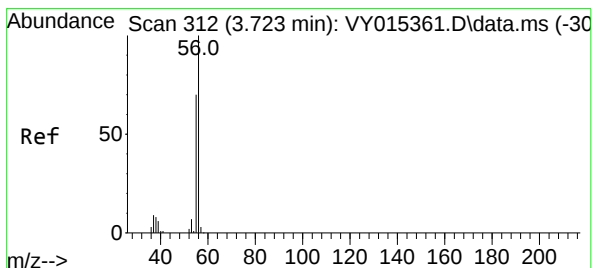
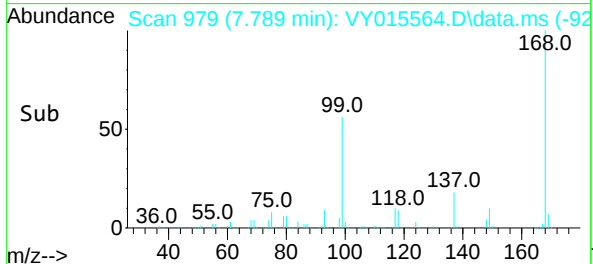
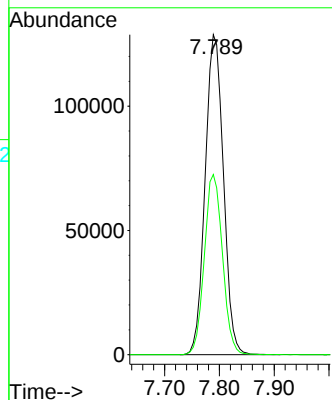


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

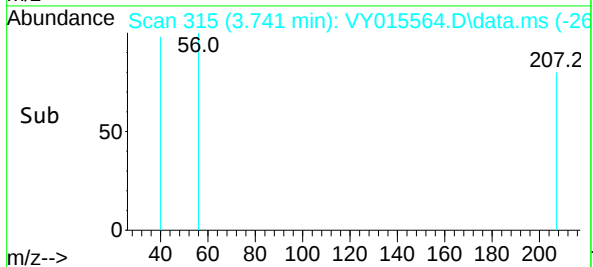
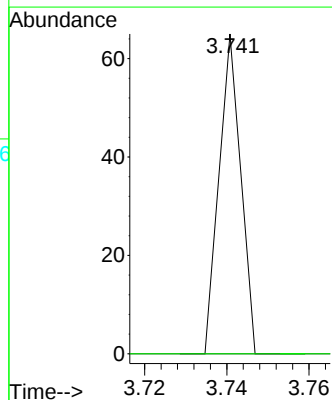
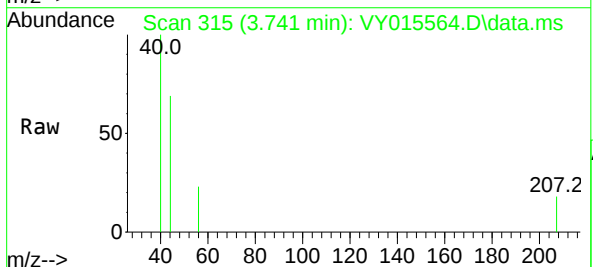


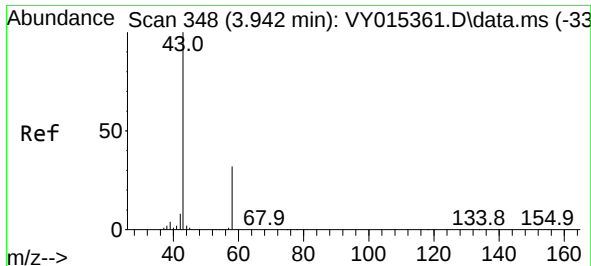
Tgt Ion:168 Resp: 297748
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#13
Acrolein
Concen: 11.672 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

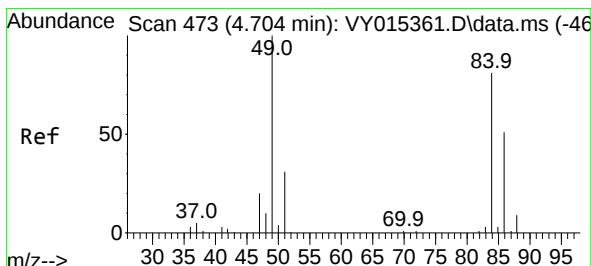
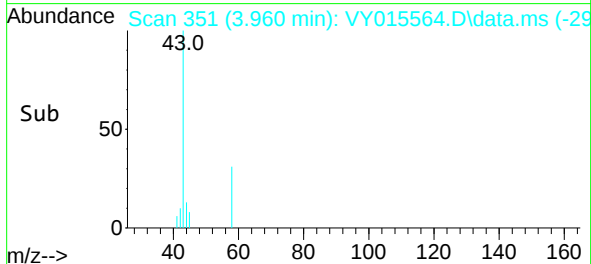
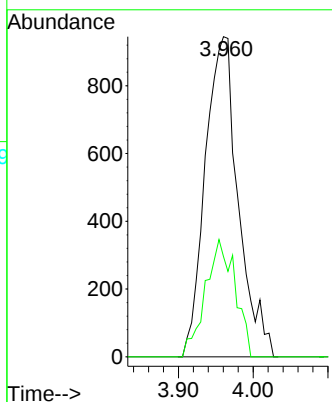
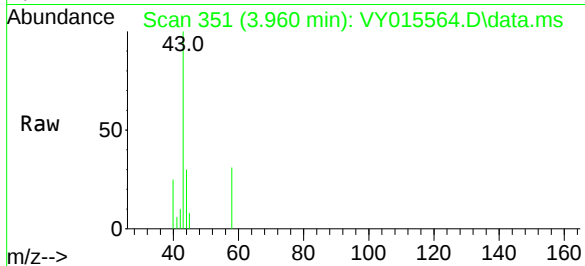




#16
Acetone
Concen: 2.181 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

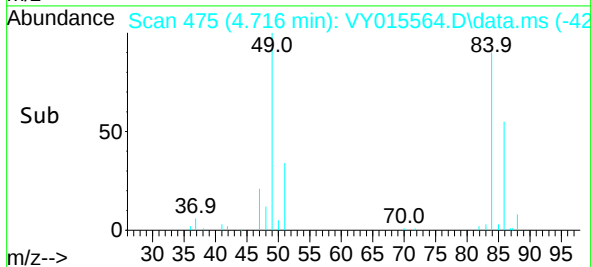
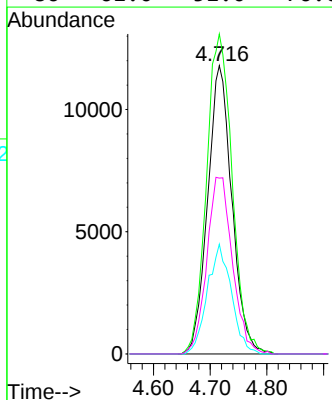
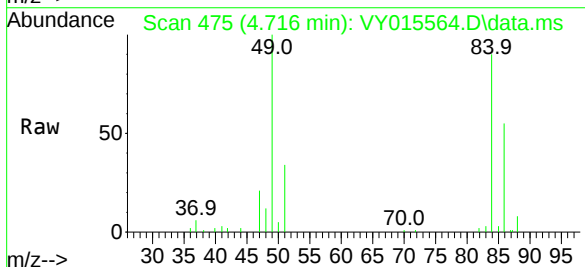
Instrument :
MSVOA_Y
ClientSampleId :

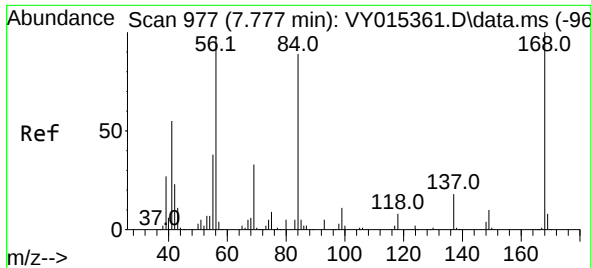
Tgt Ion: 43 Resp: 2906
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1



#20
Methylene Chloride
Concen: 2.374 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

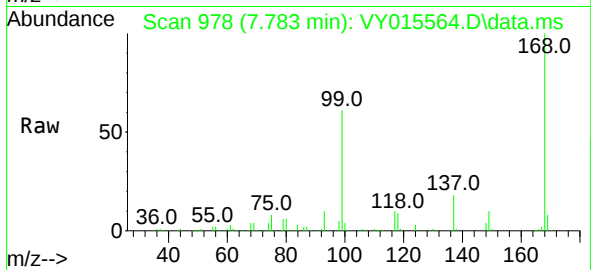
Tgt Ion: 84 Resp: 35047
Ion Ratio Lower Upper
84 100
49 111.0 106.9 160.3
51 38.1 33.2 49.8
86 61.0 51.0 76.6



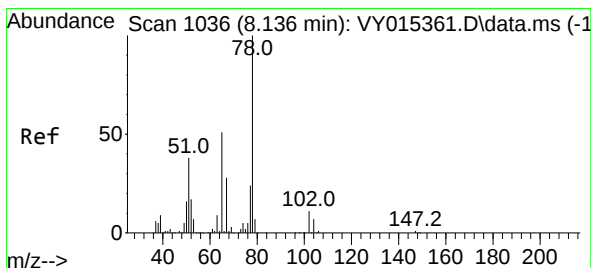
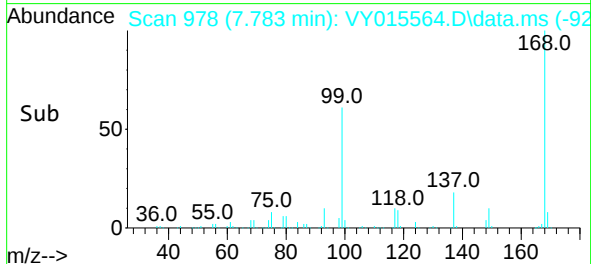
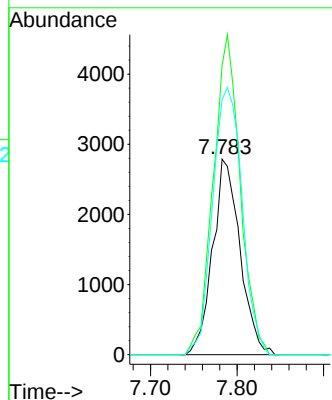


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

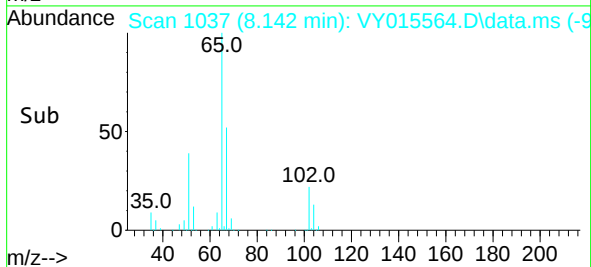
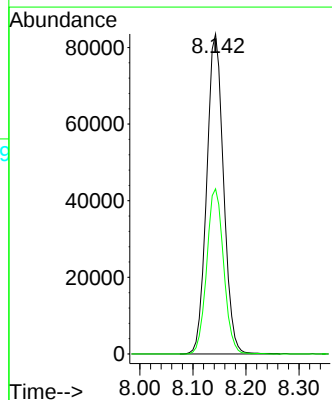
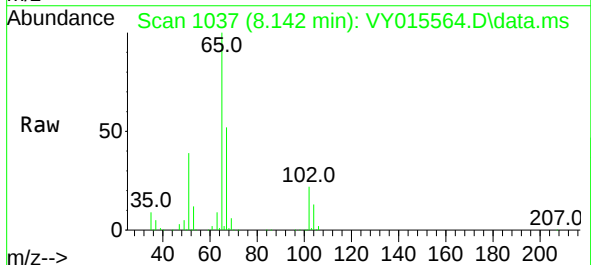


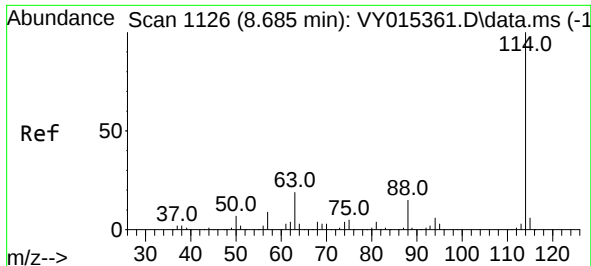
Tgt Ion: 56 Resp: 6119
Ion Ratio Lower Upper
56 100
69 148.0 27.8 41.6#
84 130.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.511 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Tgt Ion: 65 Resp: 183563
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015564.D

Acq: 15 Sep 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

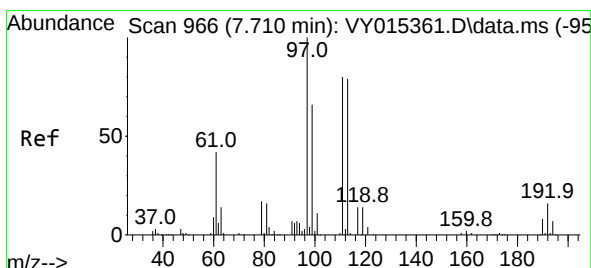
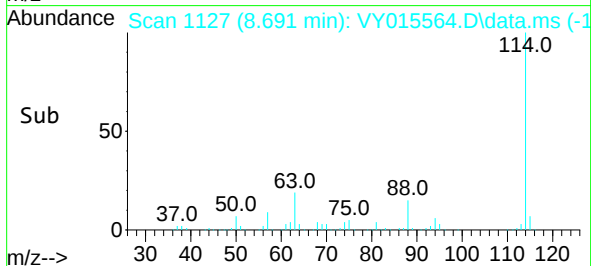
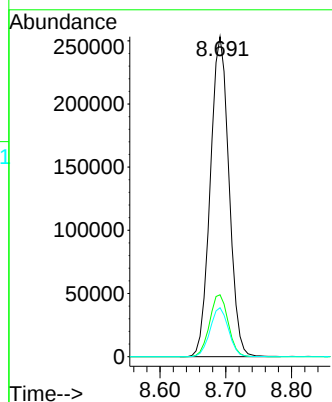
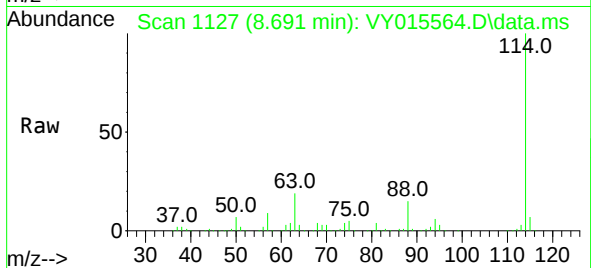
Tgt Ion:114 Resp: 499502

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.935 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015564.D

Acq: 15 Sep 2023 13:07

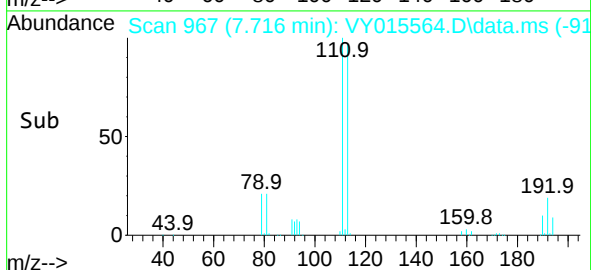
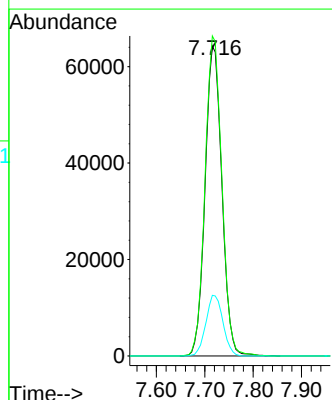
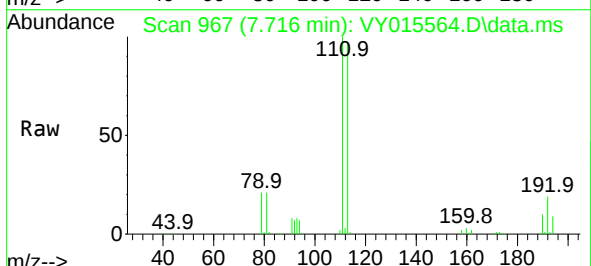
Tgt Ion:113 Resp: 155172

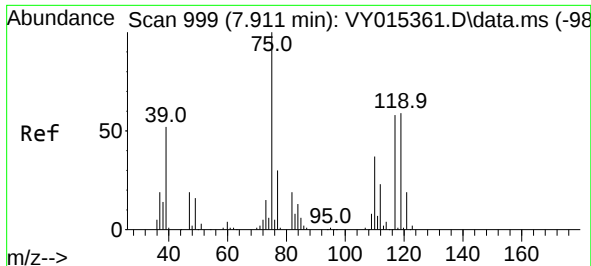
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 19.9 16.9 25.3

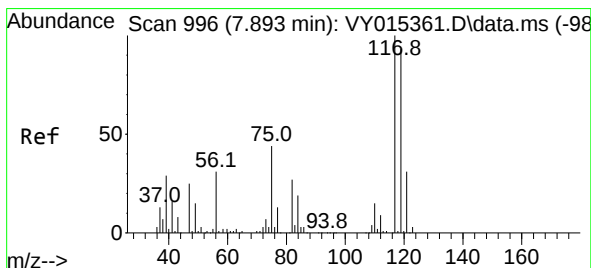
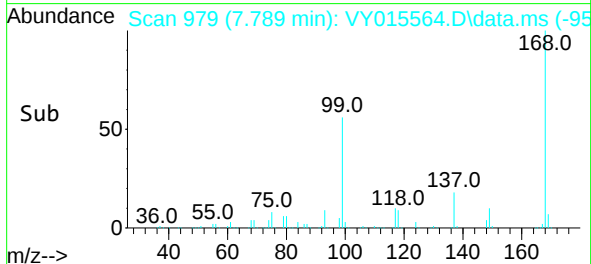
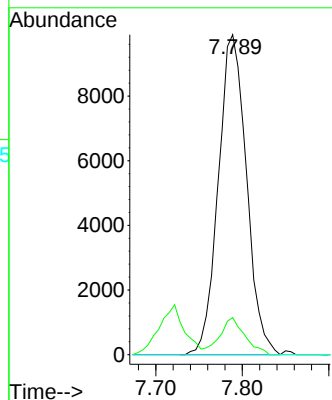
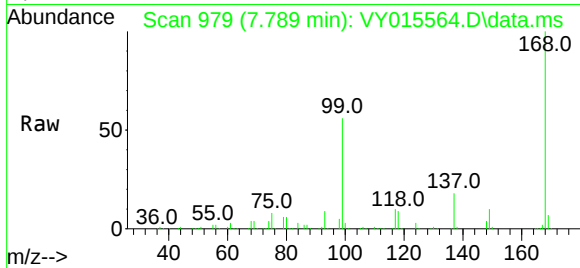




#36
1,1-Dichloropropene
Concen: 4.422 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

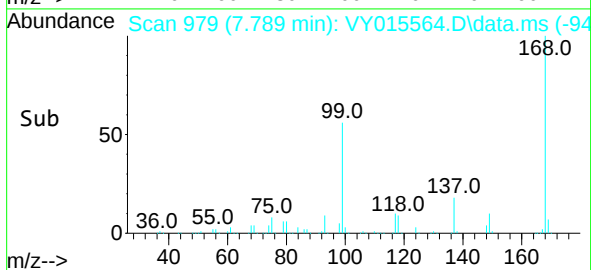
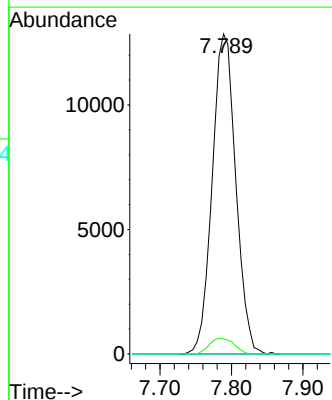
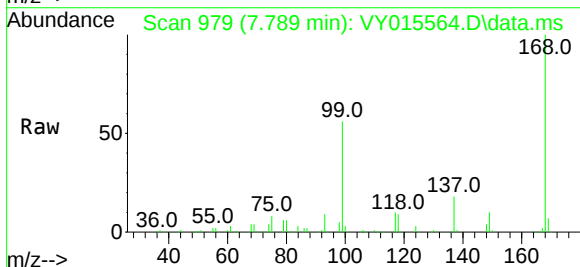
Instrument :
MSVOA_Y
ClientSampleId :

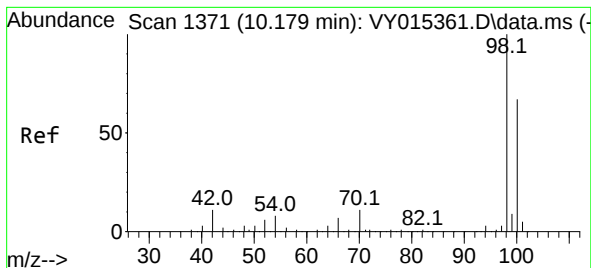
Tgt Ion: 75 Resp: 22341
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.635 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Tgt Ion: 117 Resp: 29399
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#

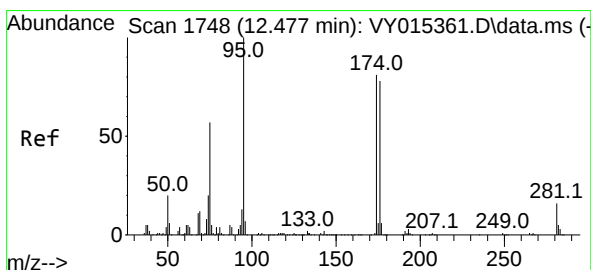
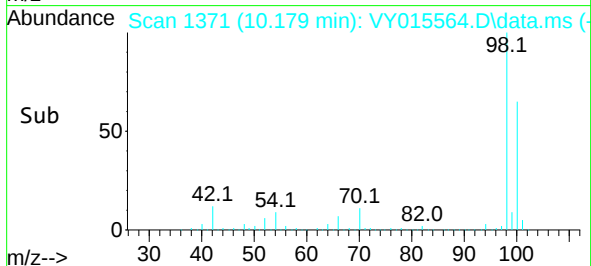
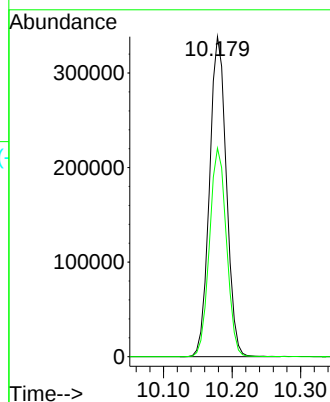
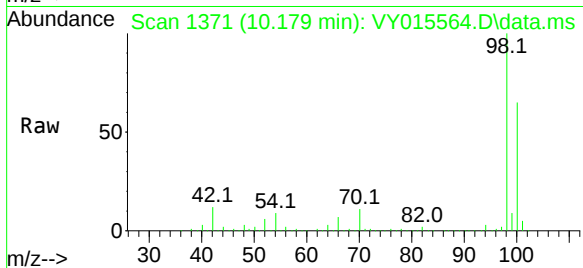




#50
Toluene-d8
Concen: 55.608 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

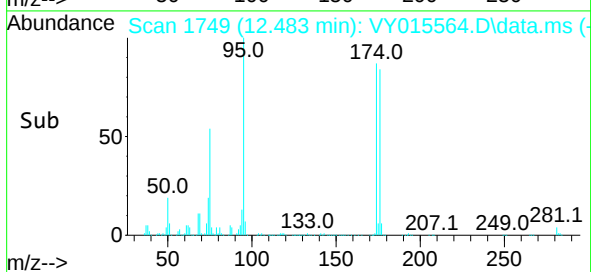
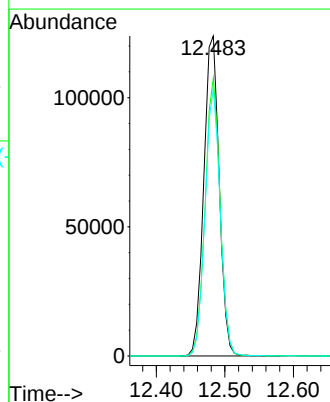
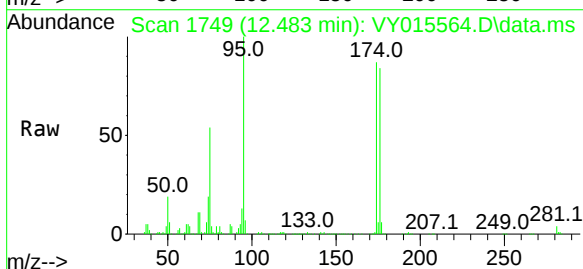
Instrument :
MSVOA_Y
ClientSampleId :

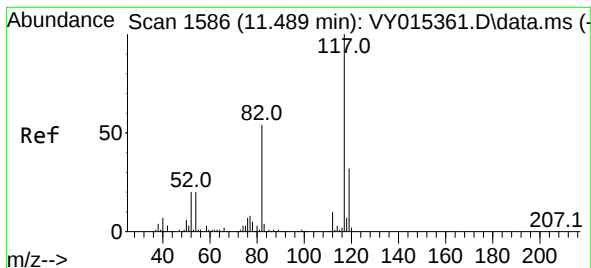
Tgt Ion: 98 Resp: 579367
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.140 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Tgt Ion: 95 Resp: 193932
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 82.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

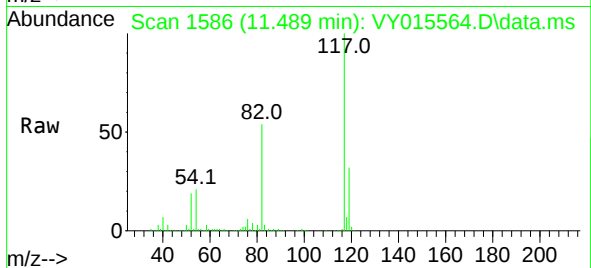
Lab File: VY015564.D

Acq: 15 Sep 2023 13:07

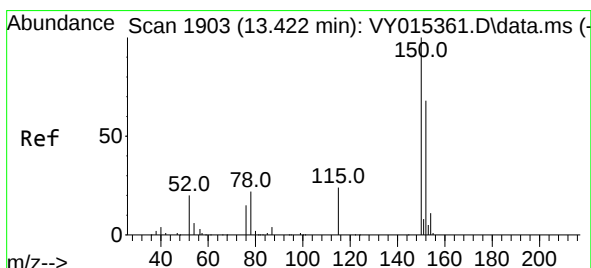
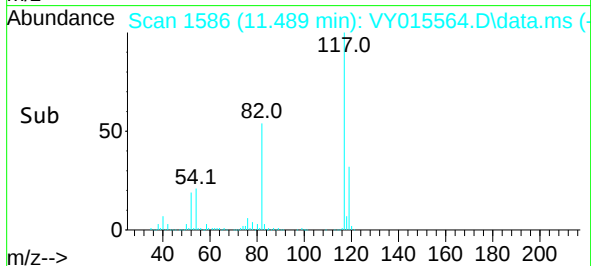
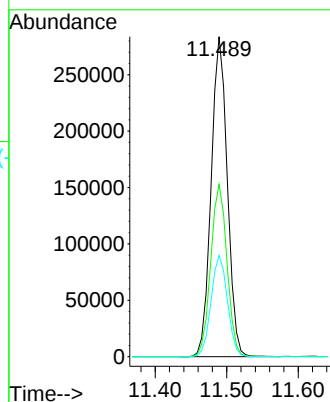
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	444648
Ion Ratio	Lower	Upper	
117	100		
82	53.8	43.4	65.0
119	31.6	26.3	39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

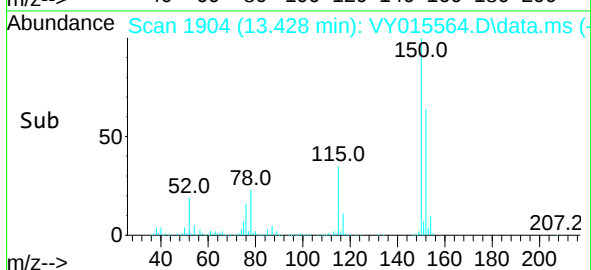
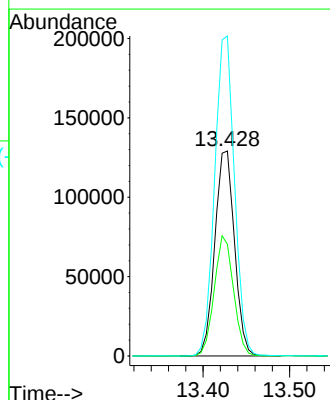
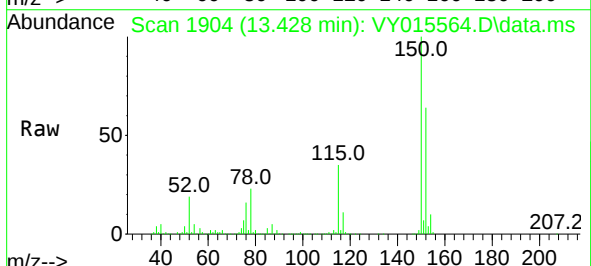
RT: 13.428 min Scan# 1904

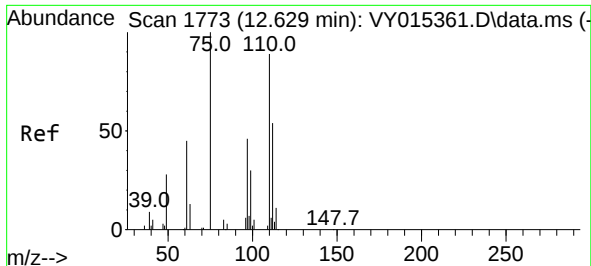
Delta R.T. 0.006 min

Lab File: VY015564.D

Acq: 15 Sep 2023 13:07

Tgt Ion:	152	Resp:	204171
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.8	86.5
150	157.2	0.0	348.8

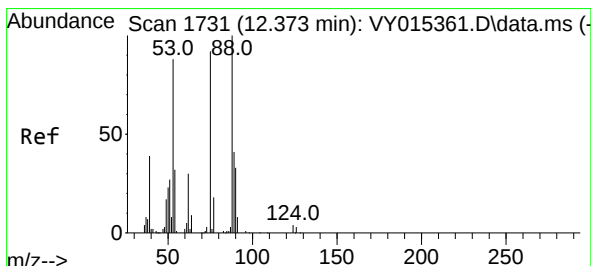
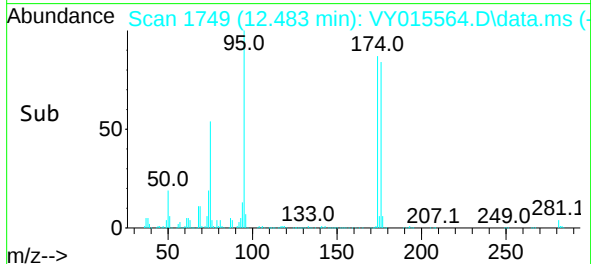
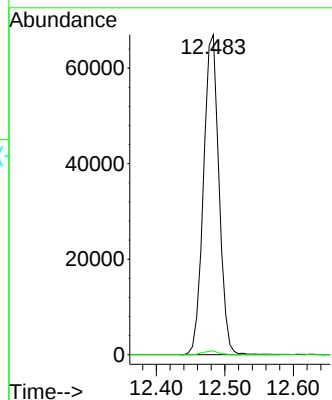
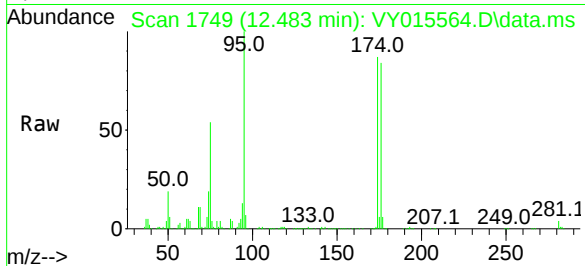




#76
1,2,3-Trichloropropane
Concen: 38.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 105479
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.937 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Tgt Ion: 75 Resp: 105479
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

