

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015568.D
 Acq On : 15 Sep 2023 14:41
 Operator : SY/MD
 Sample : 04409-18
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 15:38:22 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)

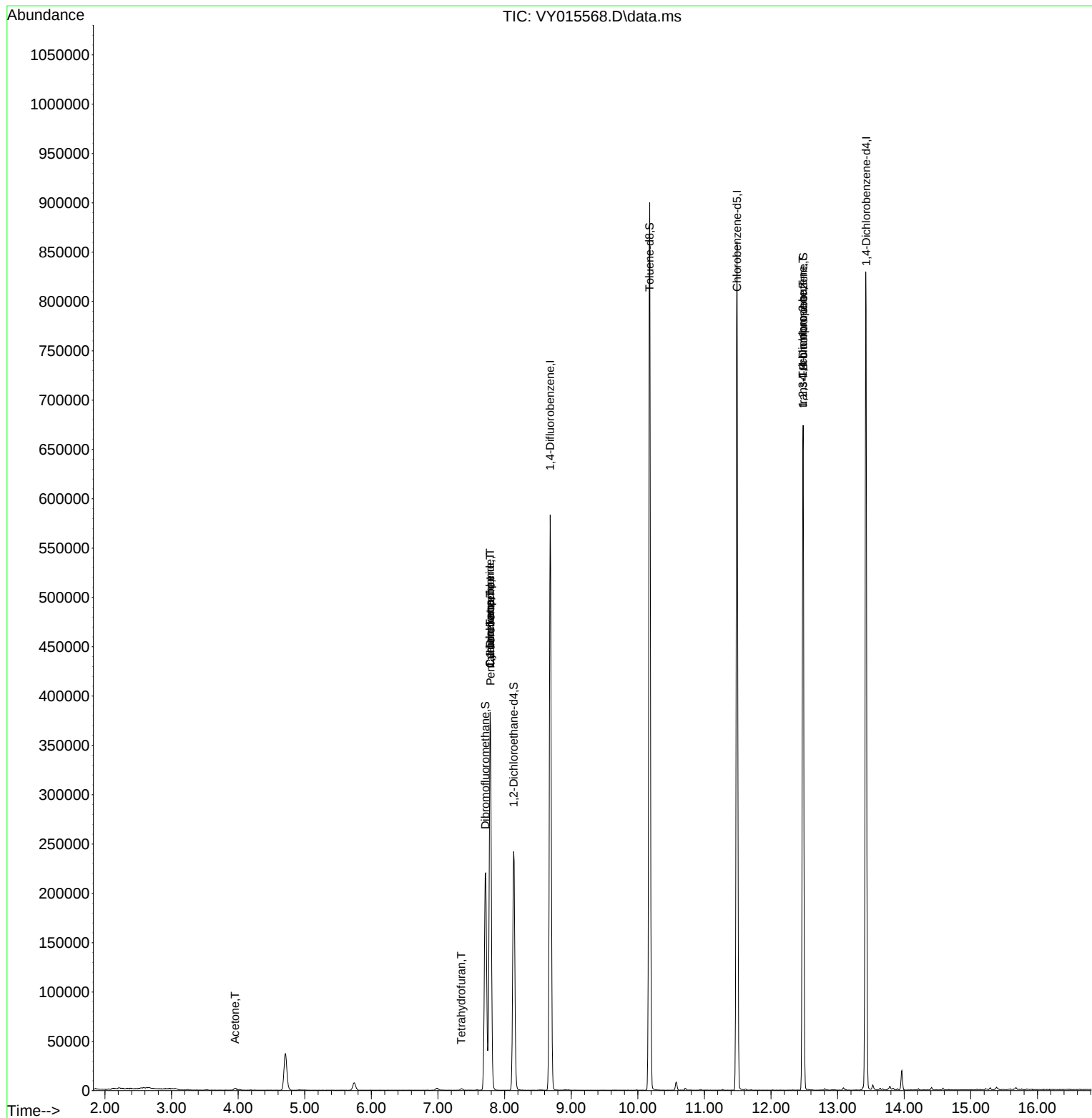
Internal Standards						
1) Pentafluorobenzene	7.789	168	297620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	498242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	454418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	211315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	189691	59.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.920%	
35) Dibromofluoromethane	7.710	113	157977	55.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.100%	
50) Toluene-d8	10.179	98	585547	56.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.680%	
62) 4-Bromofluorobenzene	12.483	95	201007	52.100	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	341	Below Cal	#	89
16) Acetone	3.954	43	3825	2.872	ug/l	92
29) Tetrahydrofuran	7.350	42	1243	1.048	ug/l	99
31) Cyclohexane	7.783	56	6316	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22318	4.429	ug/l #	50
38) Carbon Tetrachloride	7.783	117	28907	5.554	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	107146	38.236	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	107146	84.344	ug/l #	11

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

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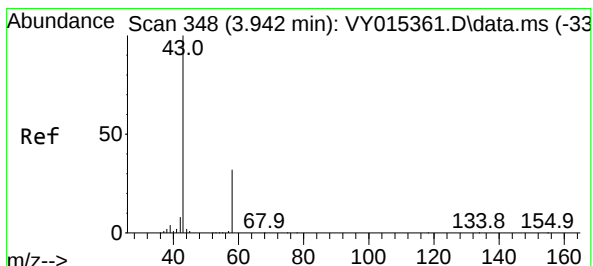
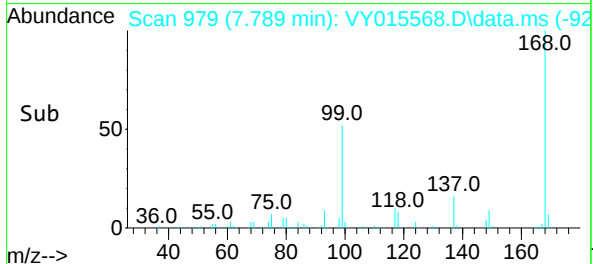
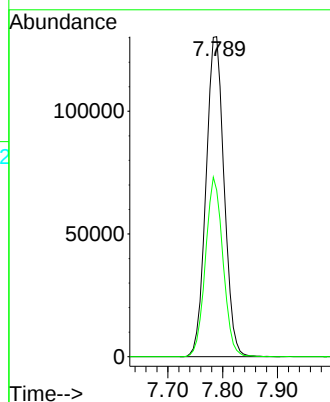
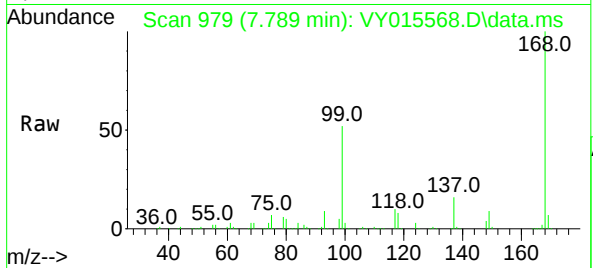




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015568.D
Acq: 15 Sep 2023 14:41

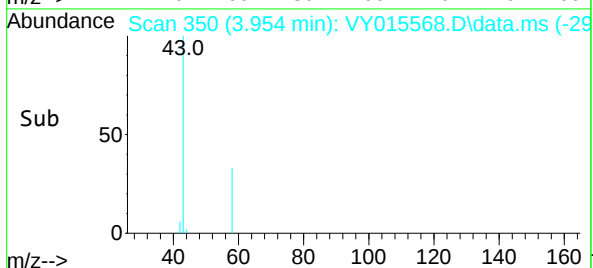
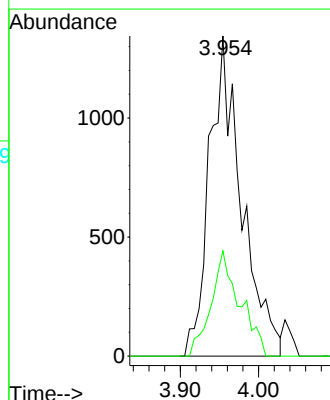
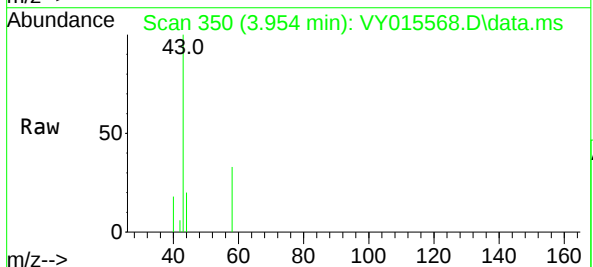
Instrument :
MSVOA_Y
ClientSampleId :

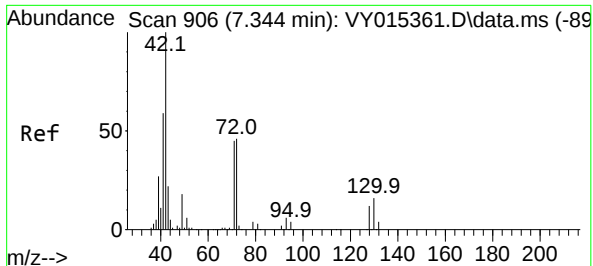
Tgt Ion:168 Resp: 297620
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#16
Acetone
Concen: 2.872 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015568.D
Acq: 15 Sep 2023 14:41

Tgt Ion: 43 Resp: 3825
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1





#29

Tetrahydrofuran

Concen: 1.048 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015568.D

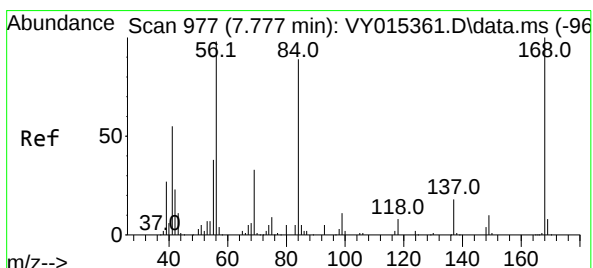
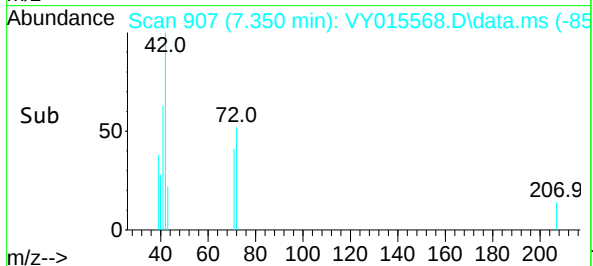
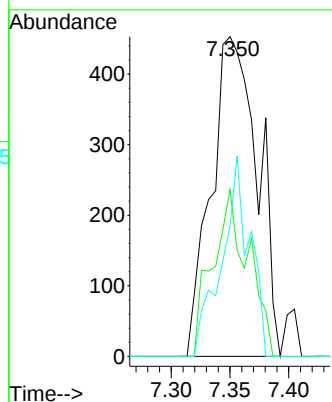
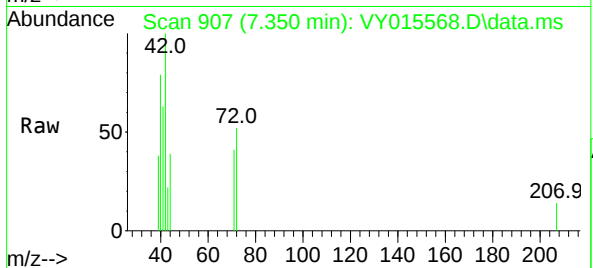
Acq: 15 Sep 2023 14:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	1243
Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.8	49.2
71	38.0	31.0	46.4



#31

Cyclohexane

Concen: 1.114 ug/l

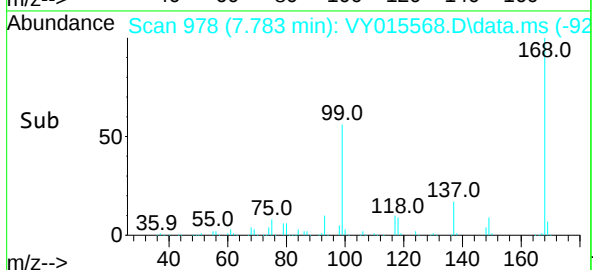
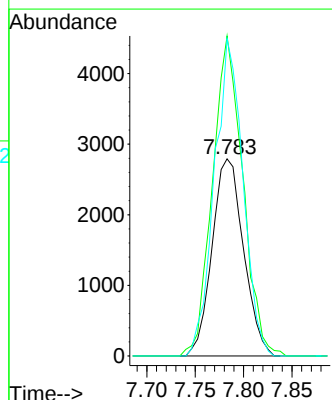
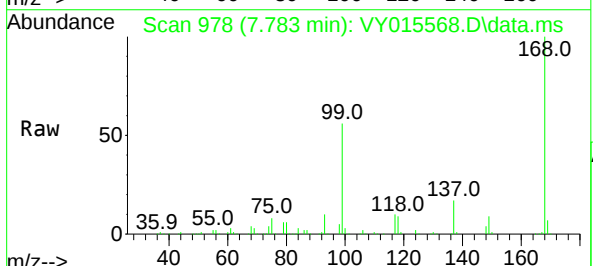
RT: 7.783 min Scan# 978

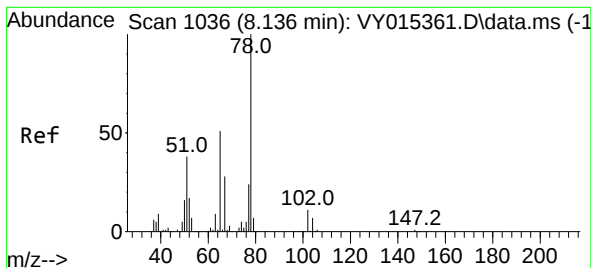
Delta R.T. 0.000 min

Lab File: VY015568.D

Acq: 15 Sep 2023 14:41

Tgt Ion:	56	Resp:	6316
Ion	Ratio	Lower	Upper
56	100		
69	162.3	27.8	41.6#
84	160.9	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.456 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY015568.D

Acq: 15 Sep 2023 14:41

Instrument :

MSVOA_Y

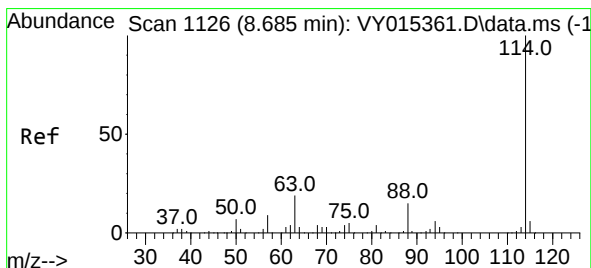
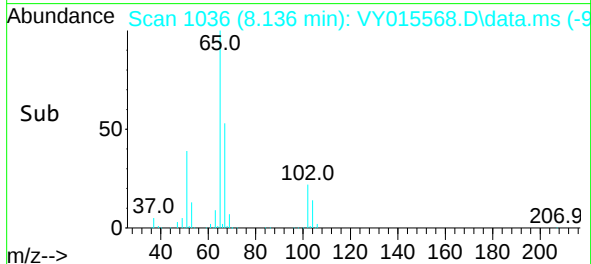
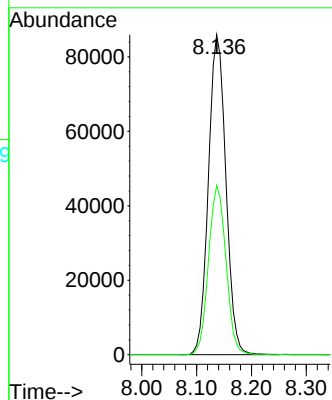
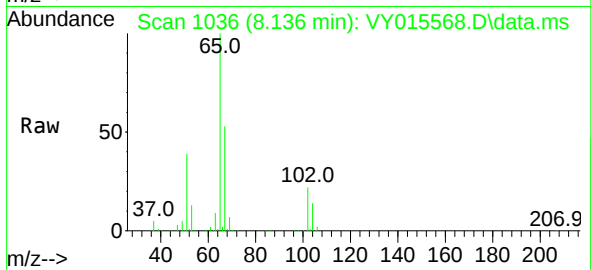
ClientSampleId :

Tgt Ion: 65 Resp: 189691

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015568.D

Acq: 15 Sep 2023 14:41

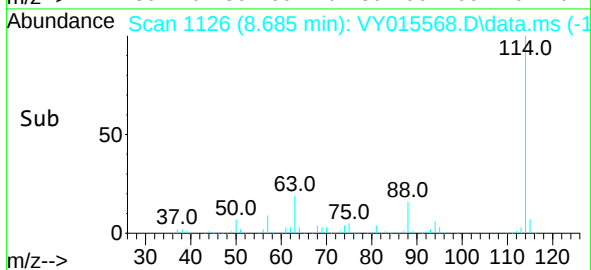
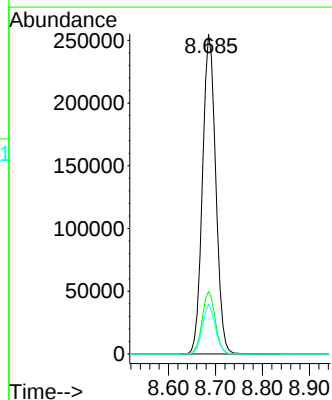
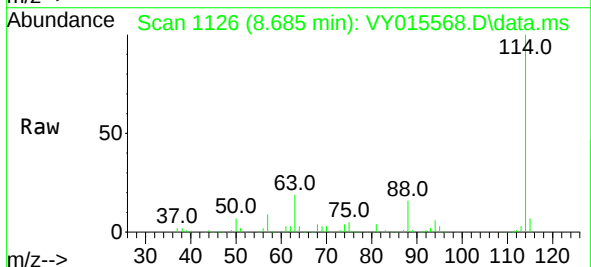
Tgt Ion: 114 Resp: 498242

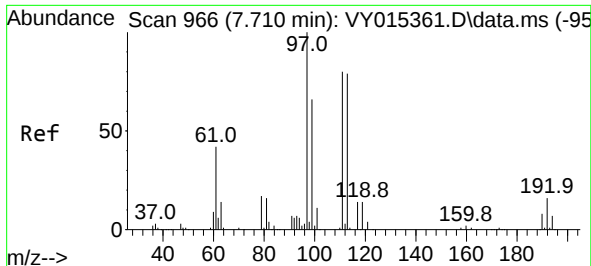
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

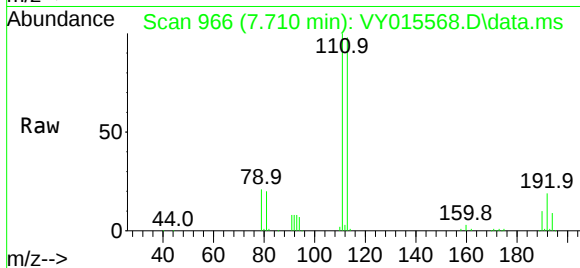
88 15.6 0.0 30.6



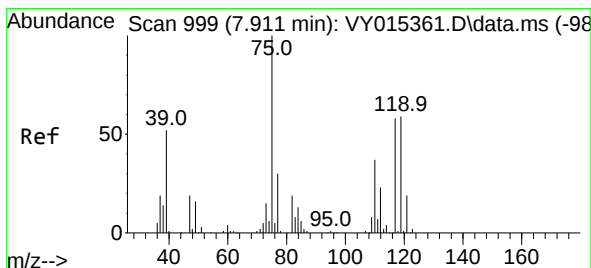
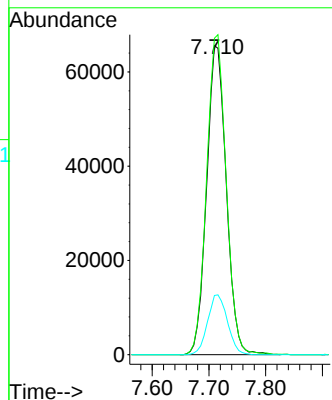
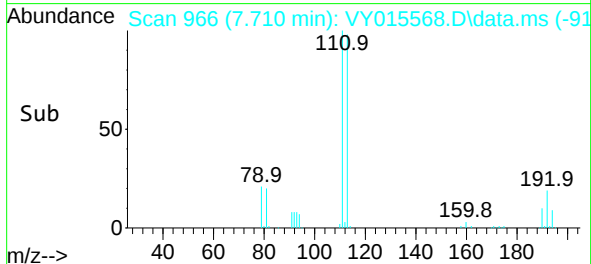


#35
Dibromofluoromethane
Concen: 55.049 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015568.D
Acq: 15 Sep 2023 14:41

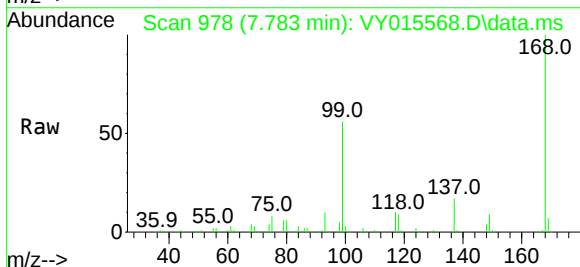
Instrument :
MSVOA_Y
ClientSampleId :



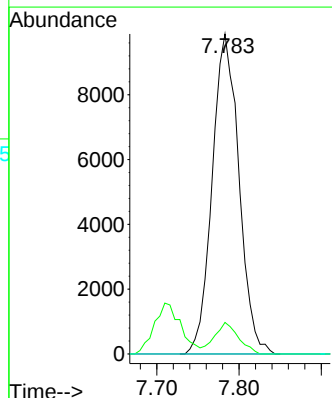
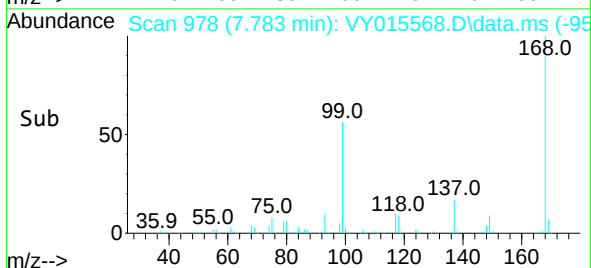
Tgt Ion:113 Resp: 157977
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.5 16.9 25.3

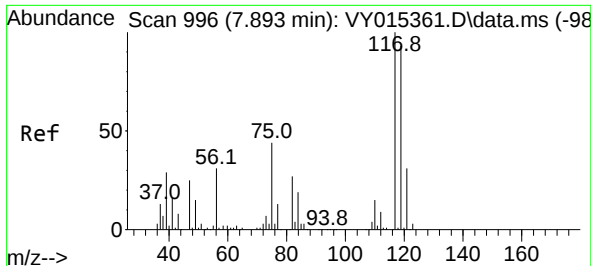


#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015568.D
Acq: 15 Sep 2023 14:41



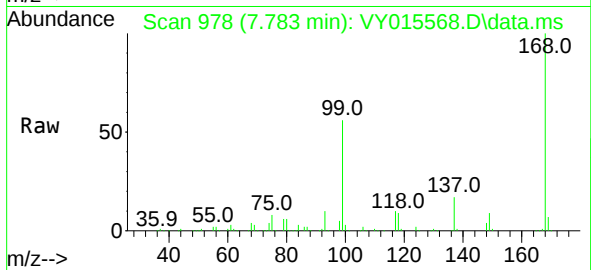
Tgt Ion: 75 Resp: 22318
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



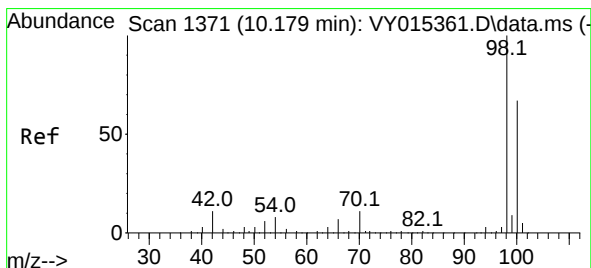
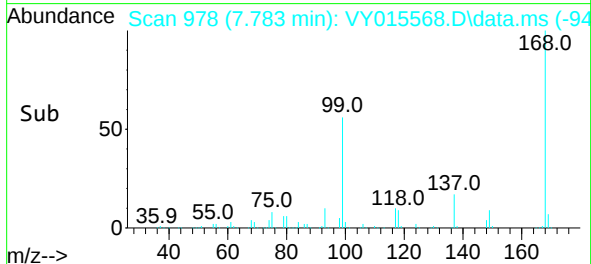
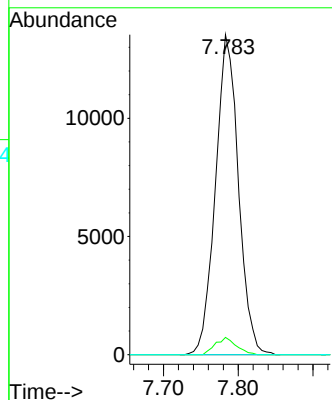


#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015568.D
Acq: 15 Sep 2023 14:41

Instrument :
MSVOA_Y
ClientSampleId :

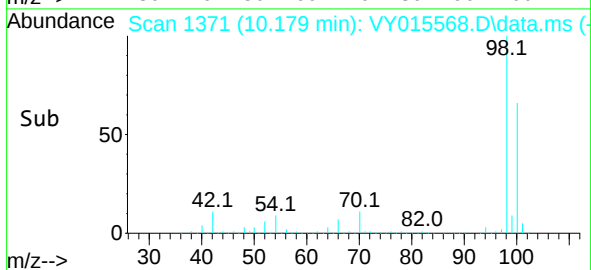
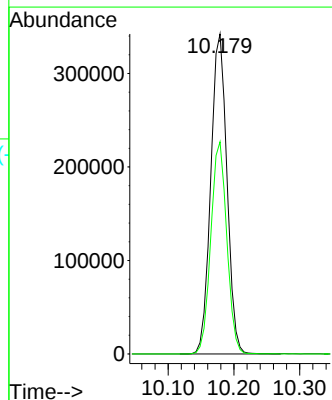
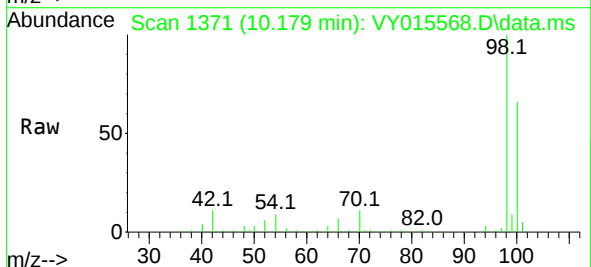


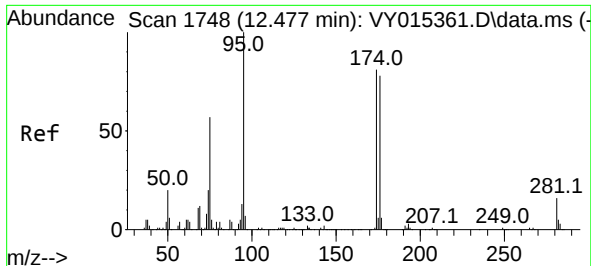
Tgt Ion:117 Resp: 28907
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.343 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015568.D
Acq: 15 Sep 2023 14:41

Tgt Ion: 98 Resp: 585547
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

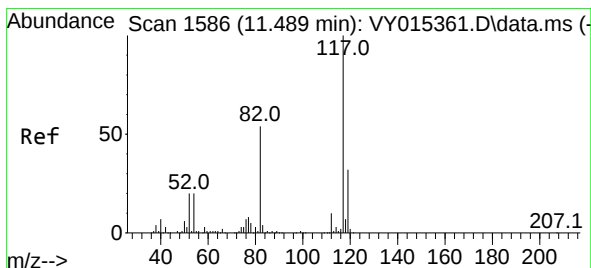
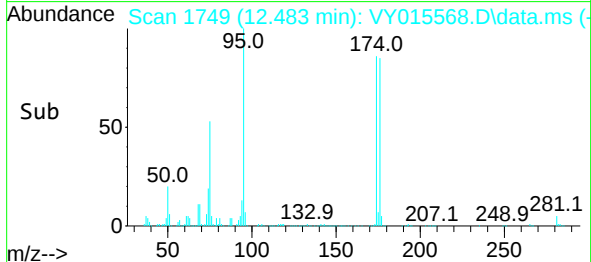
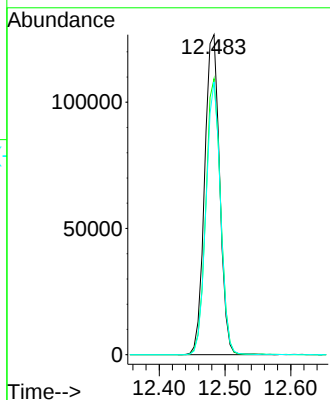
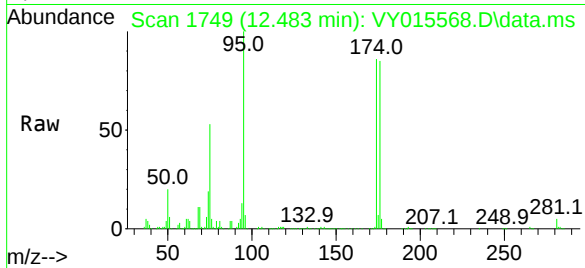




#62
4-Bromofluorobenzene
Concen: 52.100 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015568.D
Acq: 15 Sep 2023 14:41

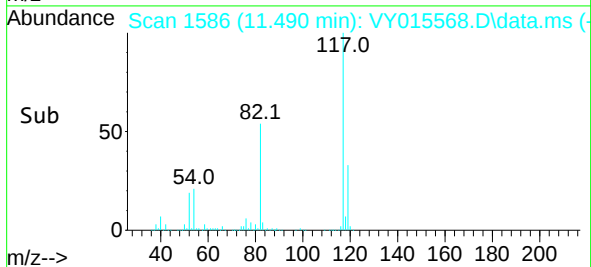
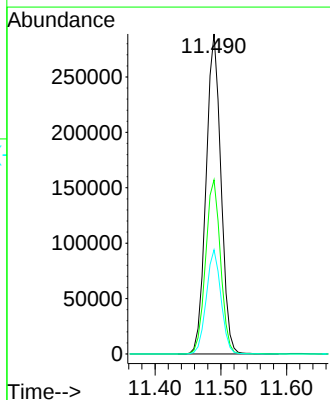
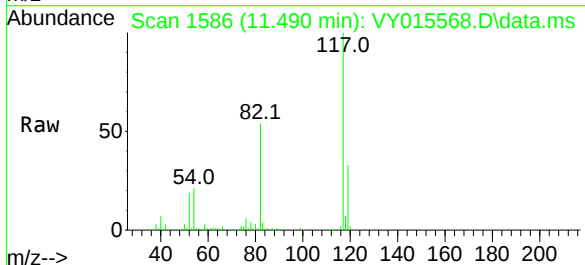
Instrument :
MSVOA_Y
ClientSampleId :

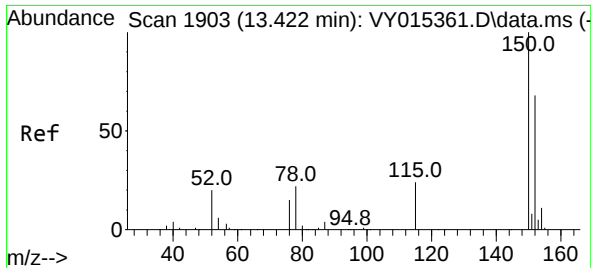
Tgt Ion: 95 Resp: 201007
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015568.D
Acq: 15 Sep 2023 14:41

Tgt Ion: 117 Resp: 454418
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.6 26.3 39.5

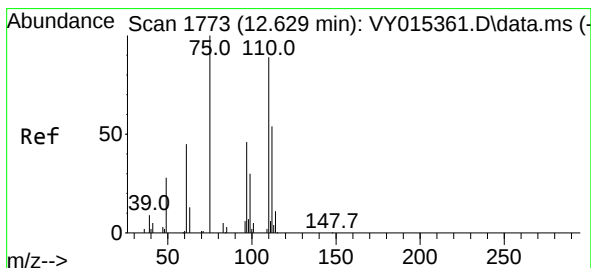
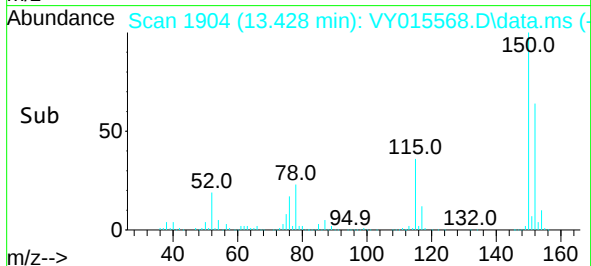
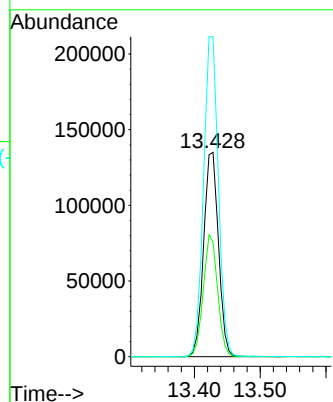
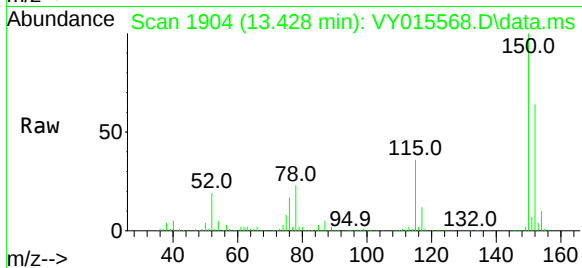




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY015568.D
Acq: 15 Sep 2023 14:41

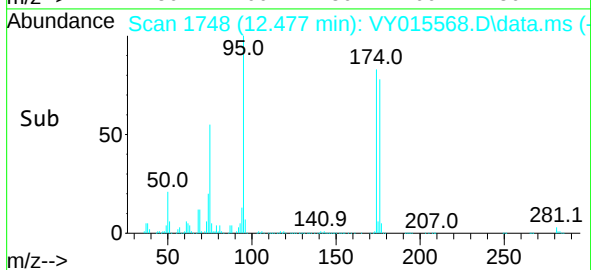
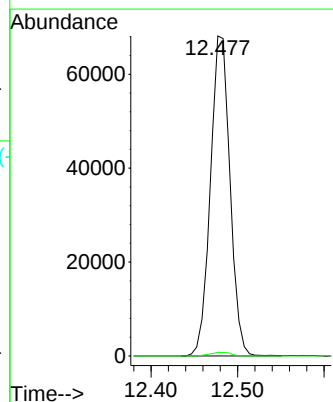
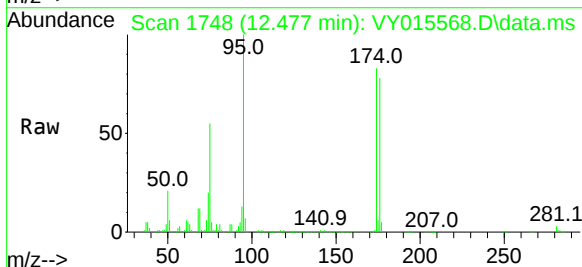
Instrument :
MSVOA_Y
ClientSampleId :

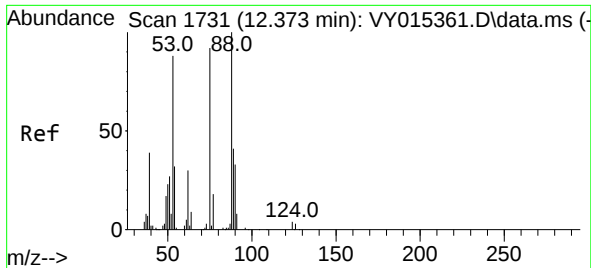
Tgt Ion:152 Resp: 211315
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 156.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 38.236 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015568.D
Acq: 15 Sep 2023 14:41

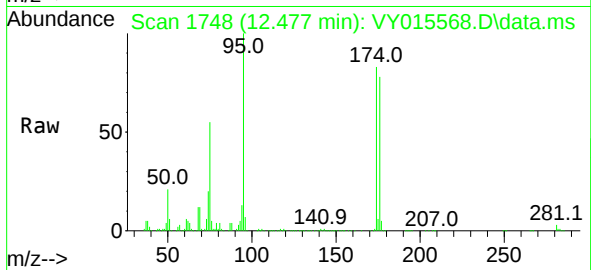
Tgt Ion: 75 Resp: 107146
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.344 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015568.D
 Acq: 15 Sep 2023 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 107146
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

