

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015467.D
 Acq On : 07 Sep 2023 15:03
 Operator : SY/MD
 Sample : 04310-01
 Misc : 7.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:09:23 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

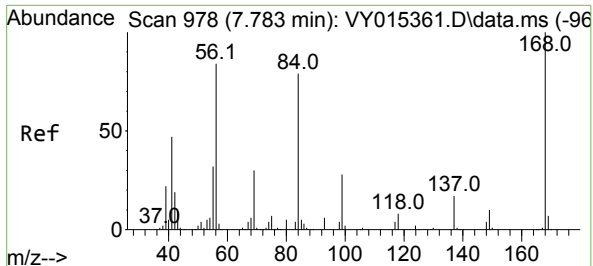
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	289608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	483067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	439897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	204062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	184347	59.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.760%	
35) Dibromofluoromethane	7.703	113	153436	55.146	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.300%	
50) Toluene-d8	10.173	98	562402	55.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.640%	
62) 4-Bromofluorobenzene	12.477	95	195940	52.382	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	245	Below Cal	#	89
20) Methylene Chloride	4.698	84	15801	Below Cal		91
31) Cyclohexane	7.771	56	6178	1.120	ug/l #	16
36) 1,1-Dichloropropene	7.777	75	21473	4.395	ug/l #	50
38) Carbon Tetrachloride	7.777	117	27791	5.508	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	105049	38.820	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	105049	85.632	ug/l #	11

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

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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

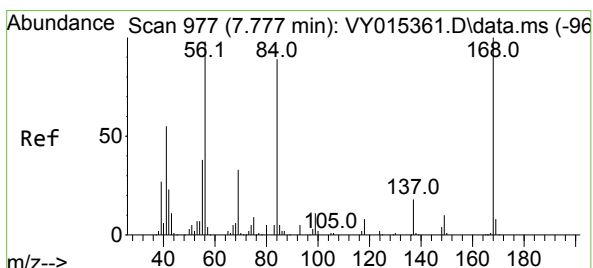
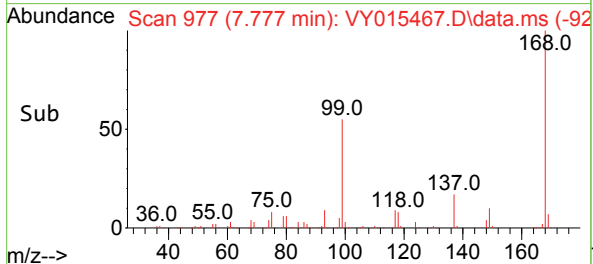
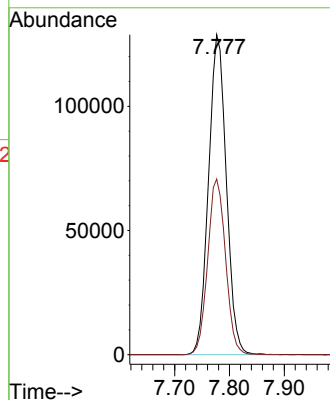
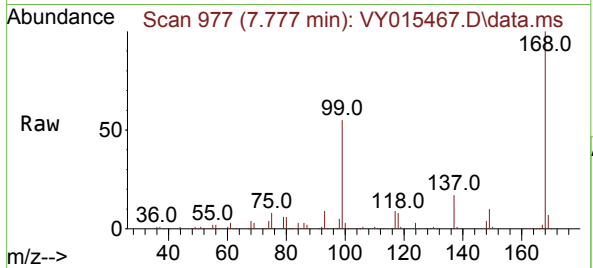




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

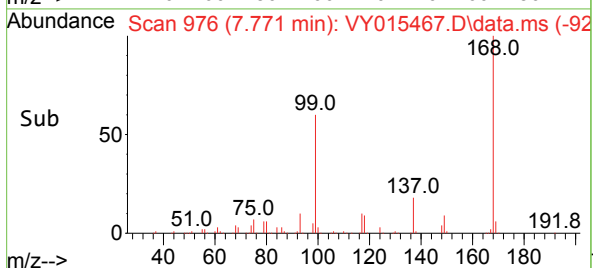
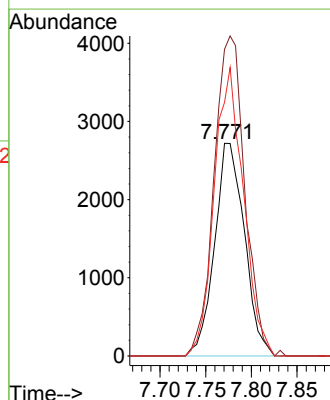
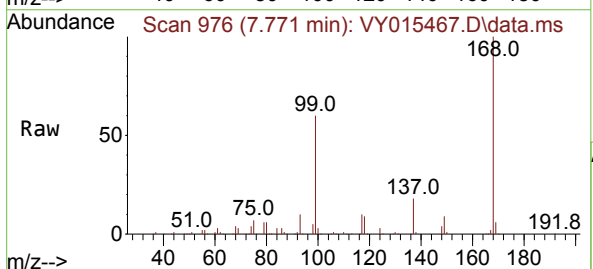
Instrument :
MSVOA_Y
ClientSampleId :

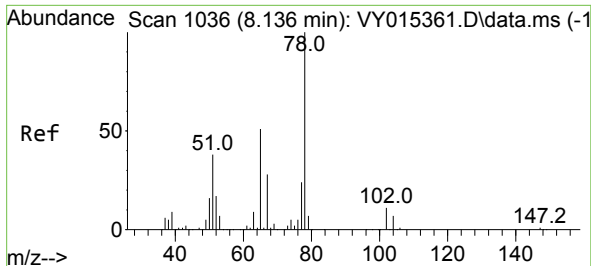
Tgt Ion:168 Resp: 289608
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.012 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

Tgt Ion: 56 Resp: 6178
Ion Ratio Lower Upper
56 100
69 144.3 27.8 41.6#
84 119.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.379 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015467.D

Acq: 07 Sep 2023 15:03

Instrument :

MSVOA_Y

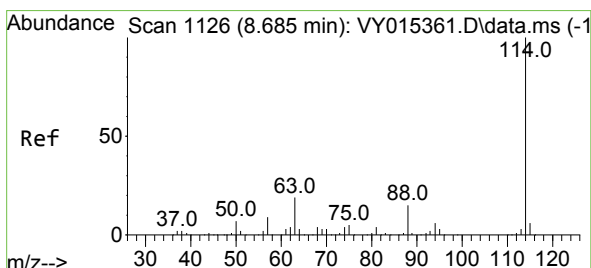
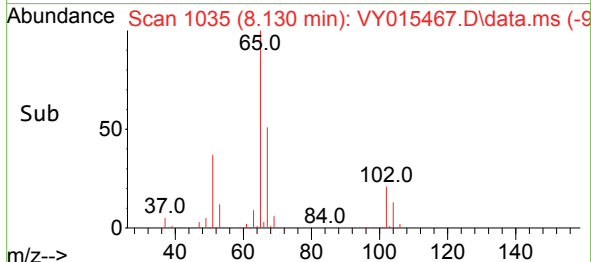
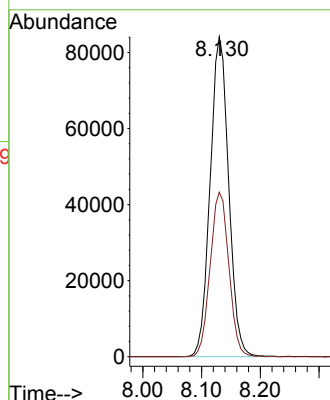
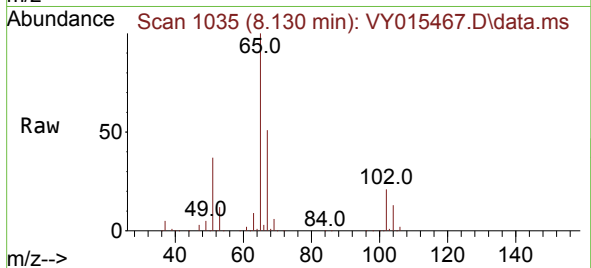
ClientSampleId :

Tgt Ion: 65 Resp: 184347

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY015467.D

Acq: 07 Sep 2023 15:03

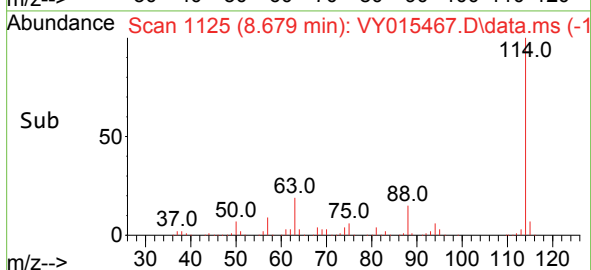
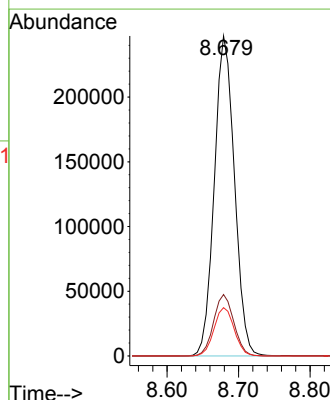
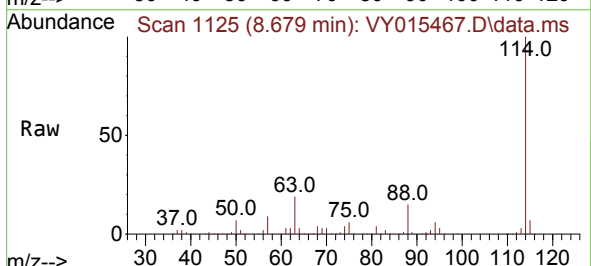
Tgt Ion: 114 Resp: 483067

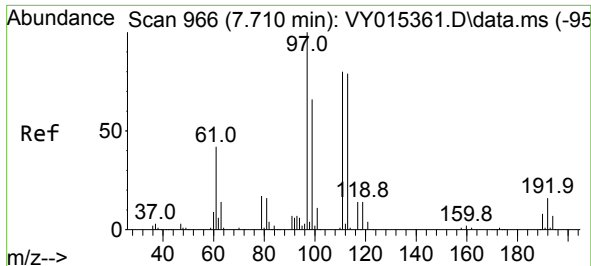
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

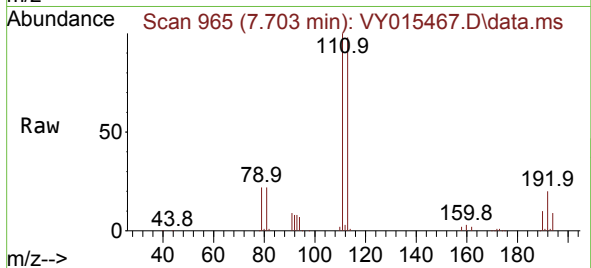
88 15.1 0.0 30.6



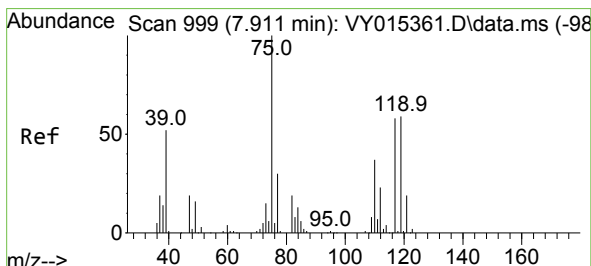
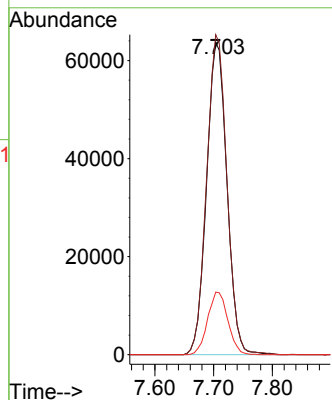
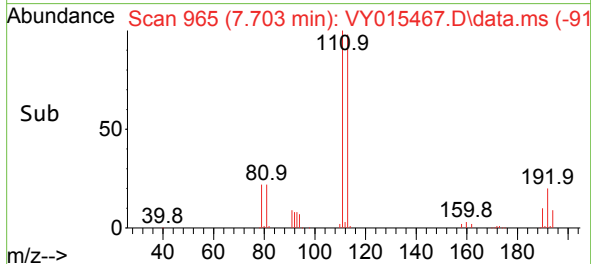


#35
Dibromofluoromethane
Concen: 55.146 ug/l
RT: 7.703 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

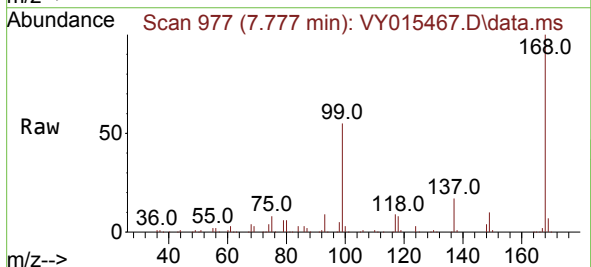
Instrument :
MSVOA_Y
ClientSampleId :



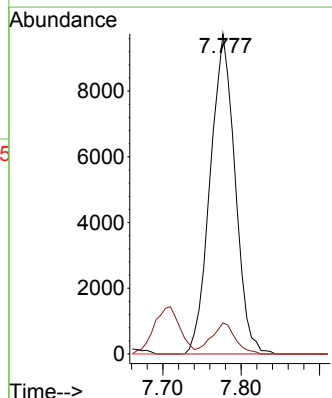
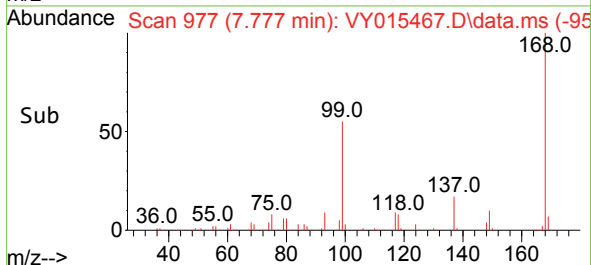
Tgt Ion:113 Resp: 153436
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.0 16.9 25.3

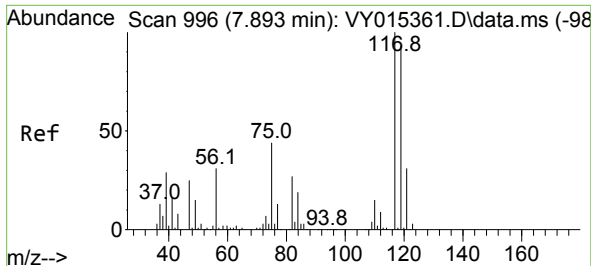


#36
1,1-Dichloropropene
Concen: 4.395 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03



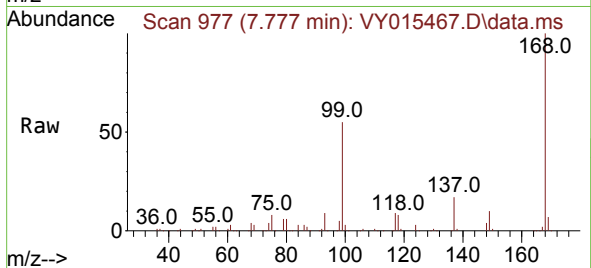
Tgt Ion: 75 Resp: 21473
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



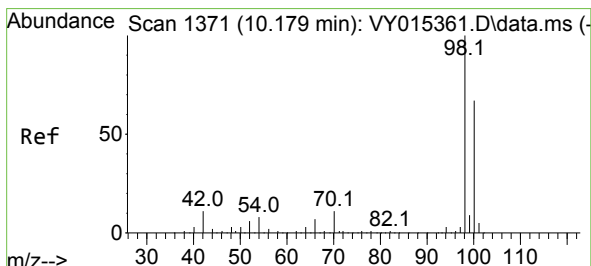
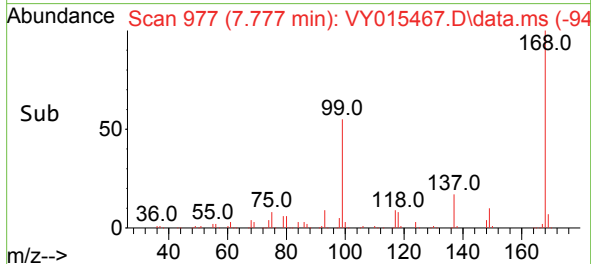
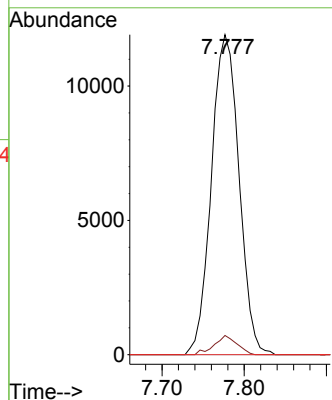


#38
Carbon Tetrachloride
Concen: 5.508 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :

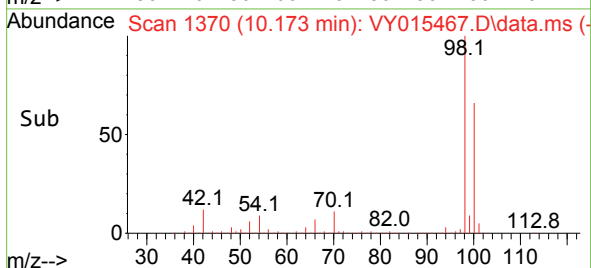
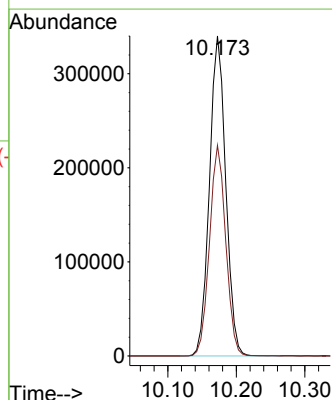
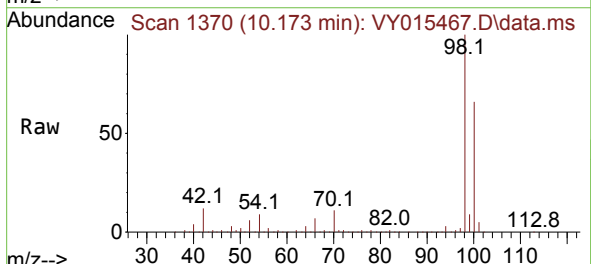


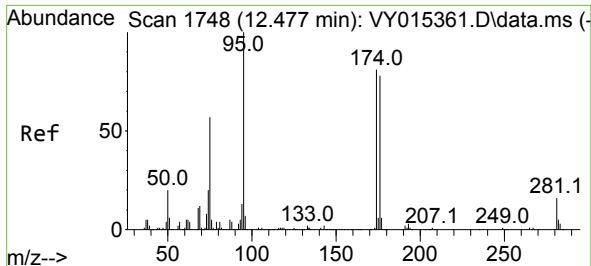
Tgt Ion:117 Resp: 27791
Ion Ratio Lower Upper
117 100
119 6.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.816 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

Tgt Ion: 98 Resp: 562402
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

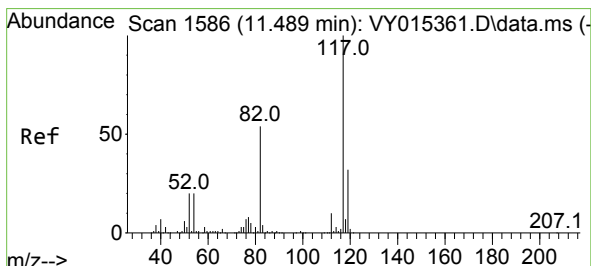
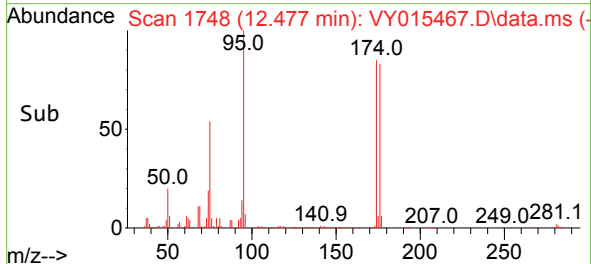
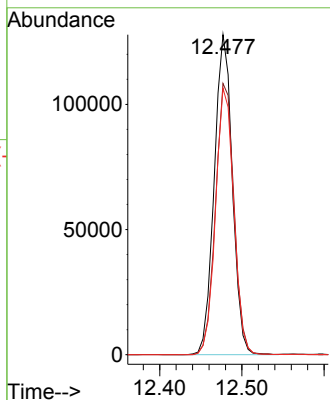
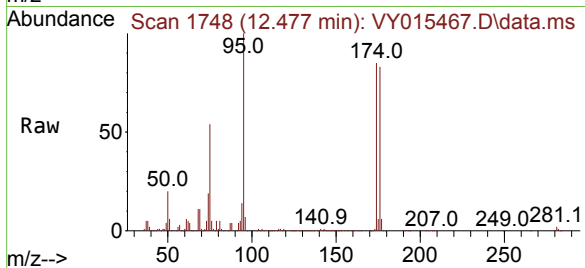




#62
4-Bromofluorobenzene
Concen: 52.382 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

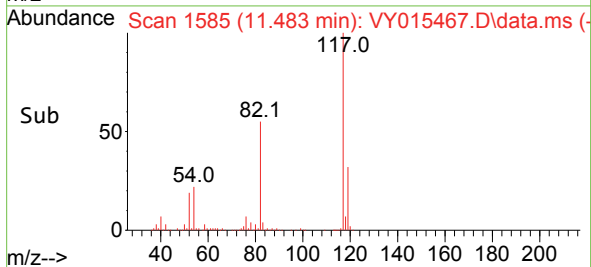
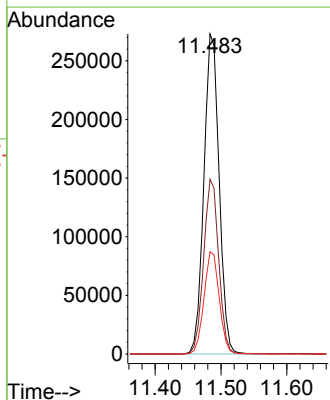
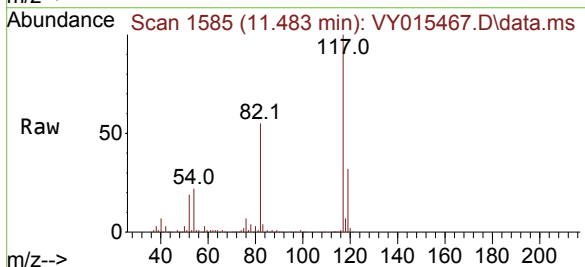
Instrument :
MSVOA_Y
ClientSampleId :

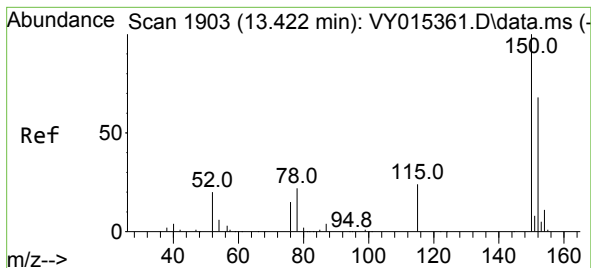
Tgt Ion: 95 Resp: 195940
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

Tgt Ion: 117 Resp: 439897
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.0 26.3 39.5

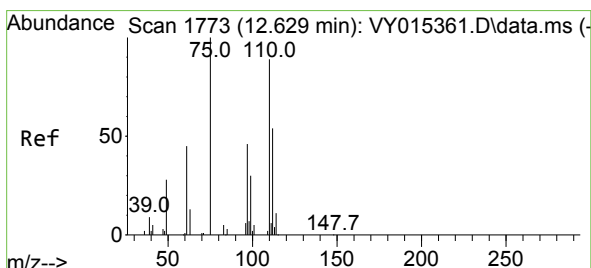
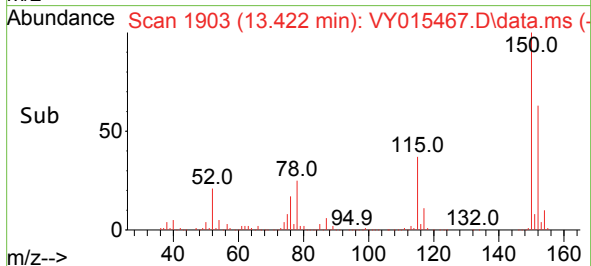
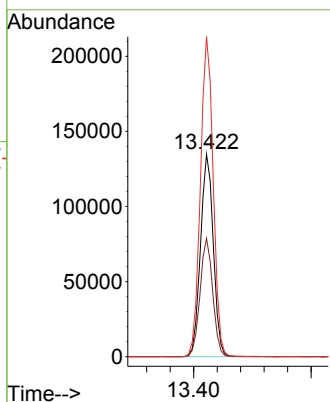
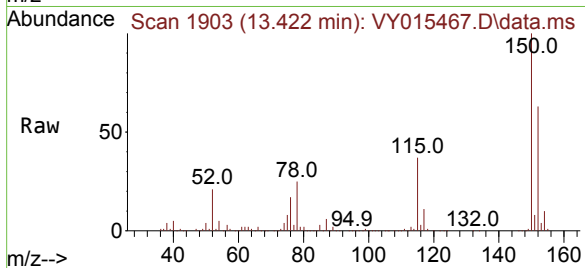




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015467.D
 Acq: 07 Sep 2023 15:03

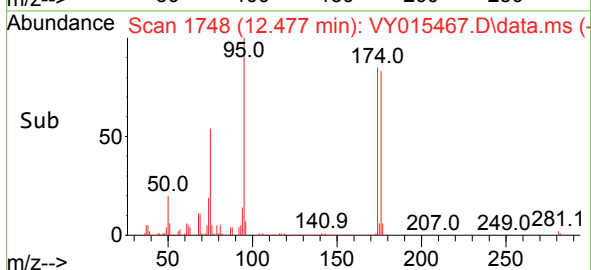
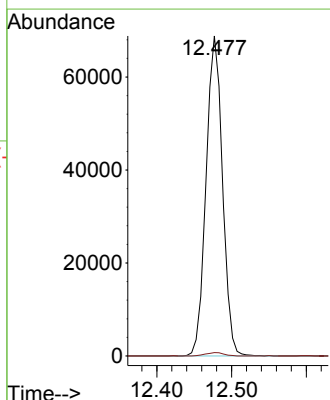
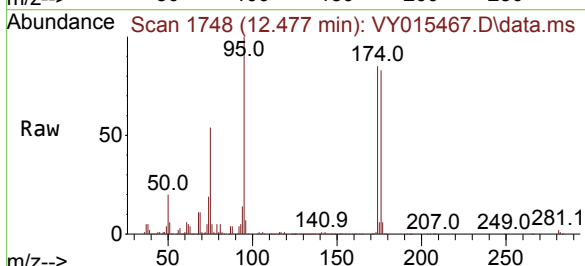
Instrument :
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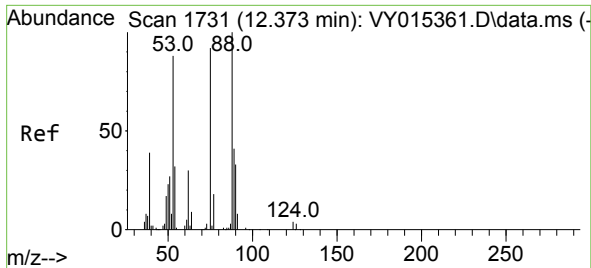
Tgt Ion:152 Resp: 204062
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 157.7 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 38.820 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015467.D
 Acq: 07 Sep 2023 15:03

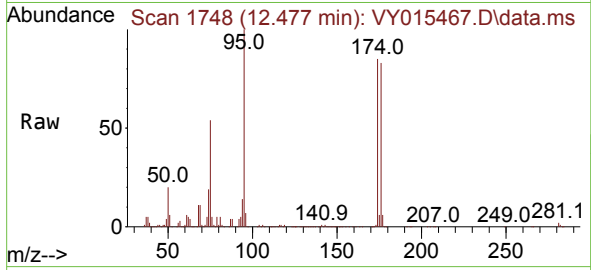
Tgt Ion: 75 Resp: 105049
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.632 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015467.D
 Acq: 07 Sep 2023 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 105049
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

