

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013100.D
 Acq On : 27 Mar 2023 18:28
 Operator : KP/MD
 Sample : 02111-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-NORTH

Quant Time: Mar 28 01:47:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

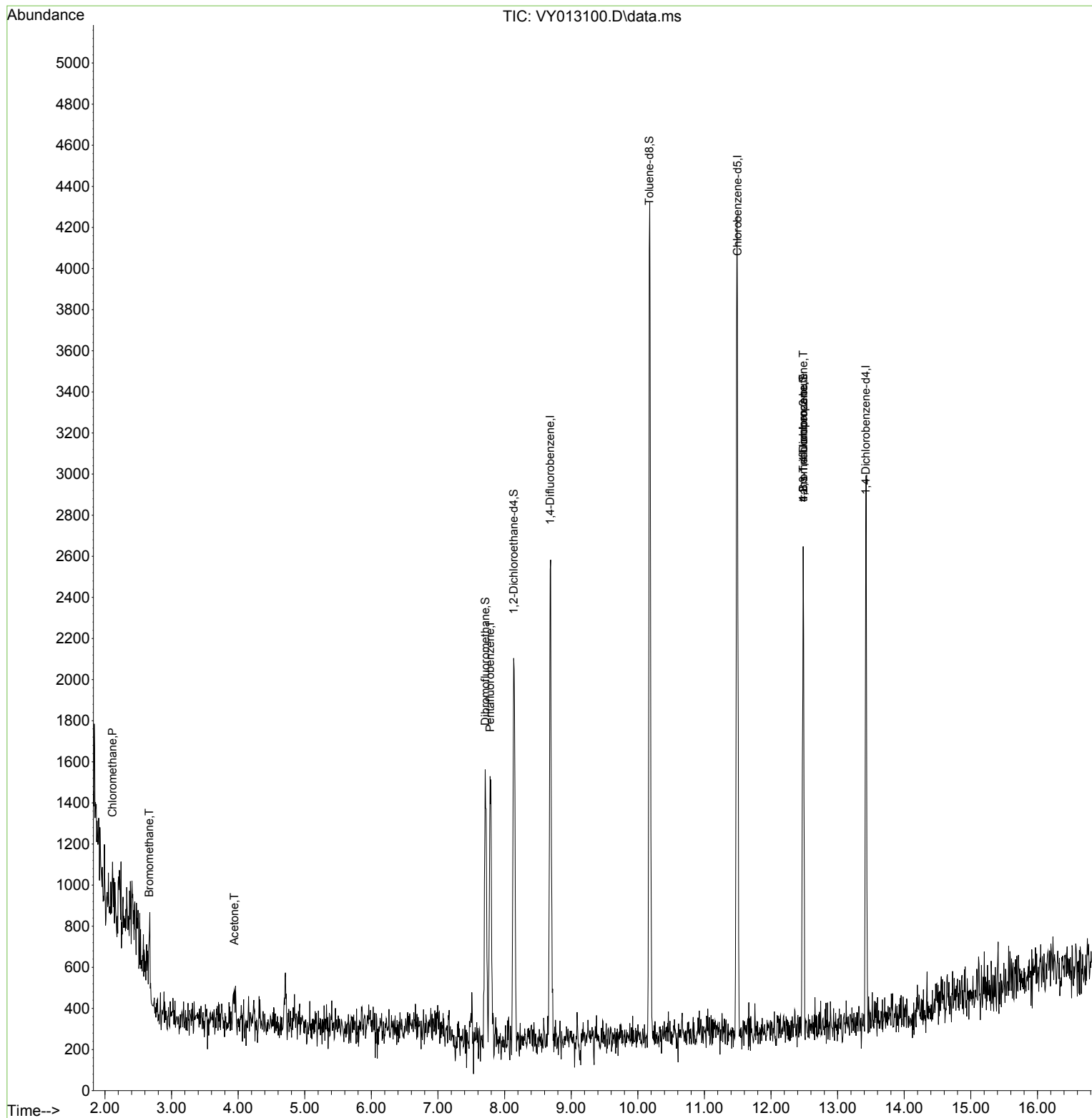
Internal Standards						
1) Pentafluorobenzene	7.782	168	1543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1654	107.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	215.920%#
35) Dibromofluoromethane	7.709	113	1135	73.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	146.520%
50) Toluene-d8	10.172	98	3120	55.090	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.180%
62) 4-Bromofluorobenzene	12.483	95	925	48.390	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	164	9.020	ug/l #	42
5) Bromomethane	2.661	94	42	4.146	ug/l	96
16) Acetone	3.942	43	436	72.507	ug/l #	44
76) 1,2,3-Trichloropropane	12.483	75	423	47.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	423	98.651	ug/l #	13

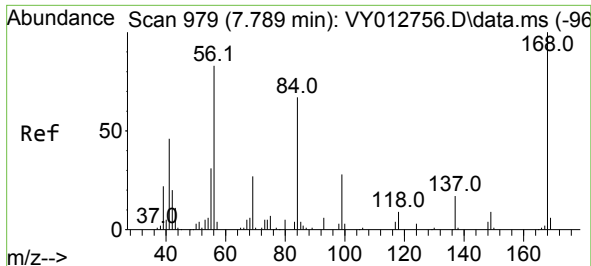
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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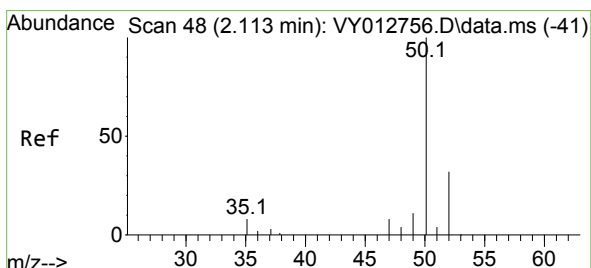
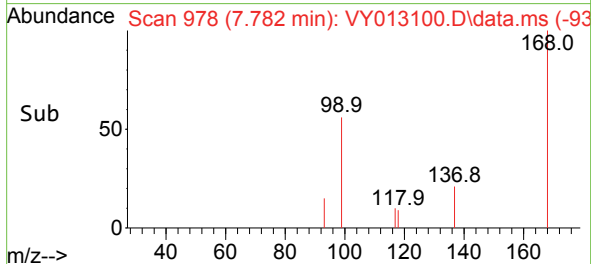
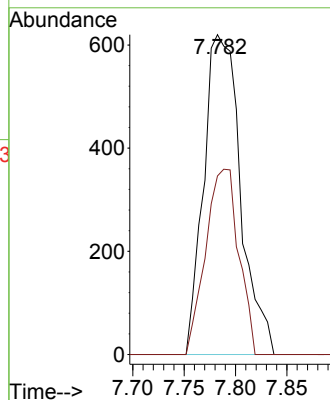
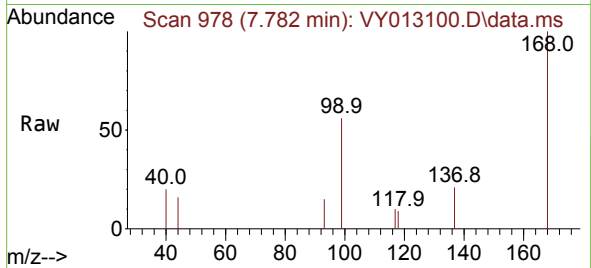




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY013100.D
Acq: 27 Mar 2023 18:28

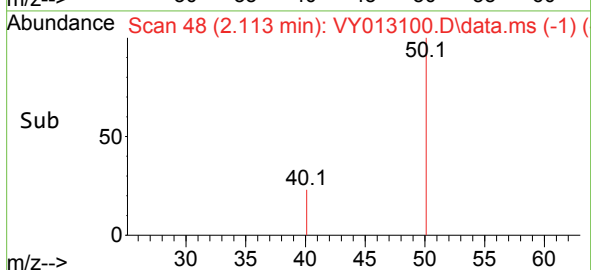
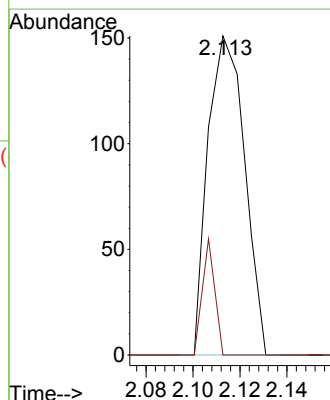
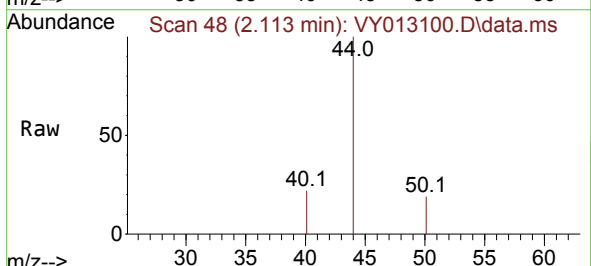
Instrument :
MSVOA_Y
ClientSampleId :
APCS-NORTH

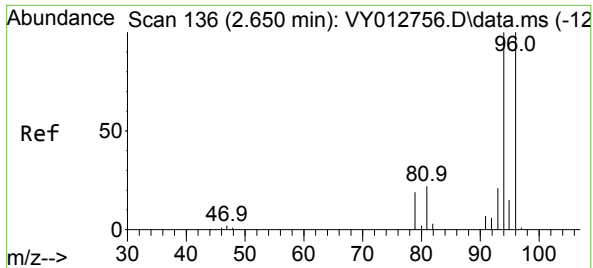
Tgt Ion:168 Resp: 1543
Ion Ratio Lower Upper
168 100
99 55.8 41.7 62.5



#3
Chloromethane
Concen: 9.020 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY013100.D
Acq: 27 Mar 2023 18:28

Tgt Ion: 50 Resp: 164
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

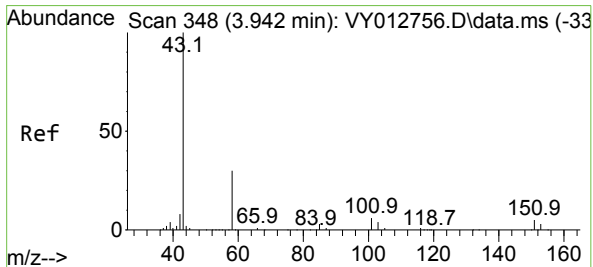
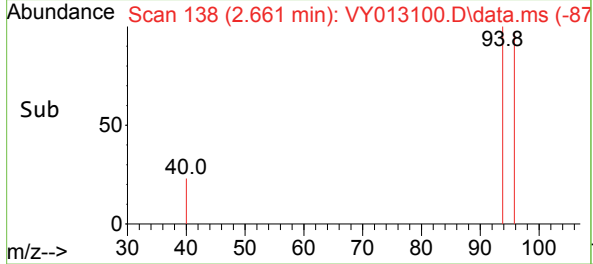
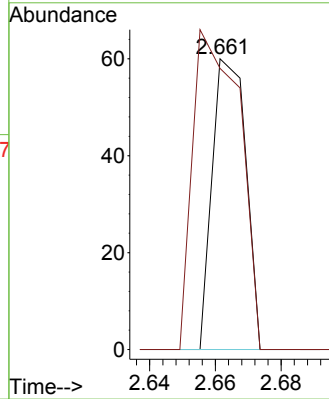
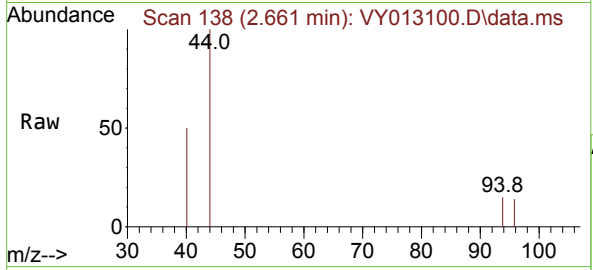




#5
Bromomethane
Concen: 4.146 ug/l
RT: 2.661 min Scan# 11
Delta R.T. 0.011 min
Lab File: VY013100.D
Acq: 27 Mar 2023 18:28

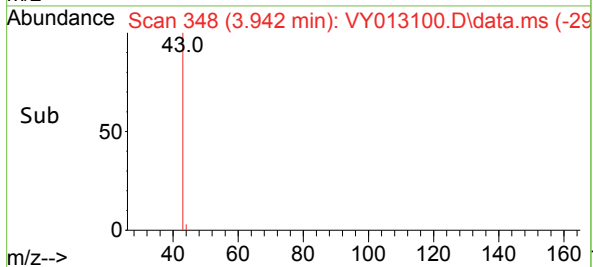
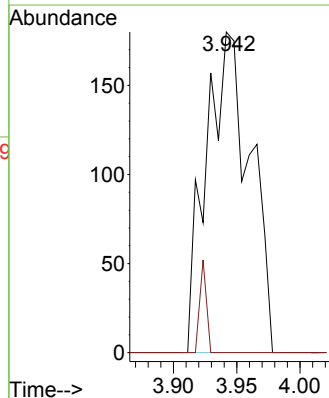
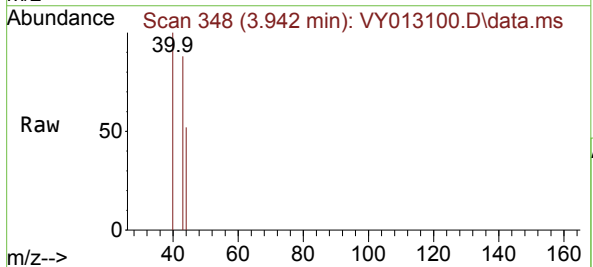
Instrument :
MSVOA_Y
ClientSampleId :
APCS-NORTH

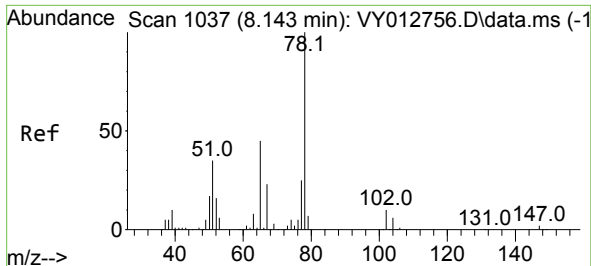
Tgt Ion: 94 Resp: 42
Ion Ratio Lower Upper
94 100
96 96.7 80.3 120.5



#16
Acetone
Concen: 72.507 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013100.D
Acq: 27 Mar 2023 18:28

Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#

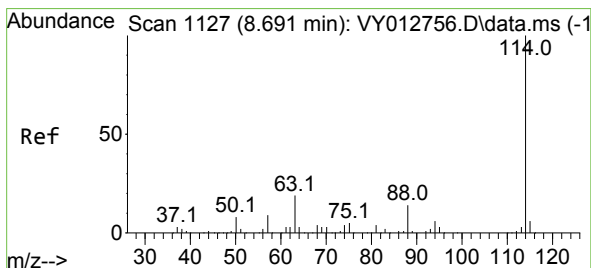
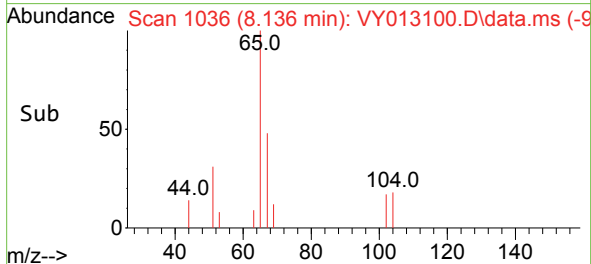
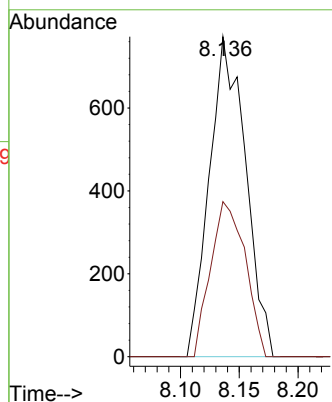
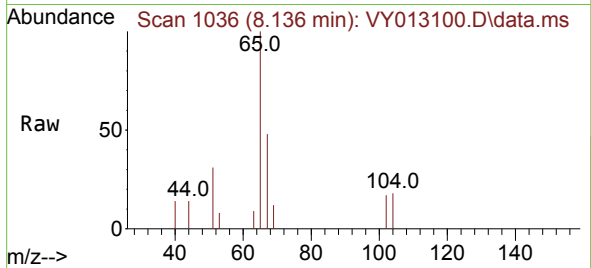




#33
 1,2-Dichloroethane-d4
 Concen: 107.964 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY013100.D
 Acq: 27 Mar 2023 18:28

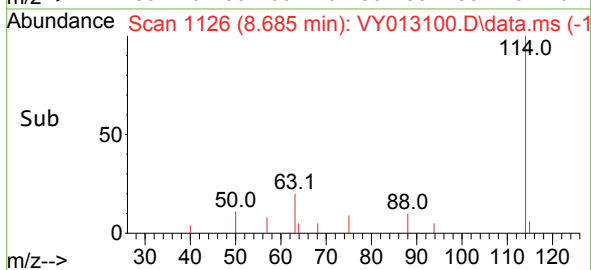
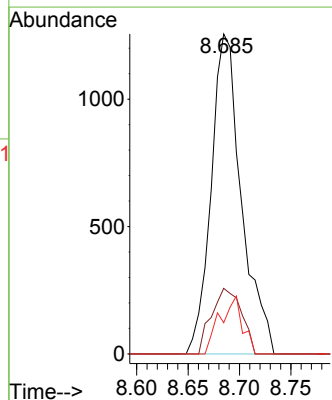
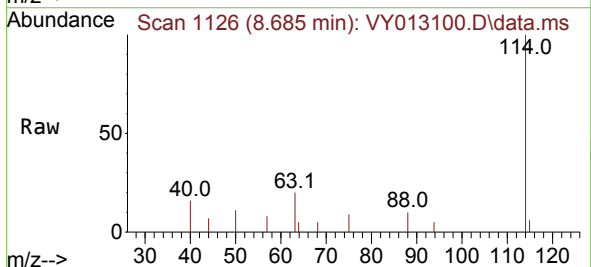
Instrument :
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 ClientSampleId :
 APCS-NORTH

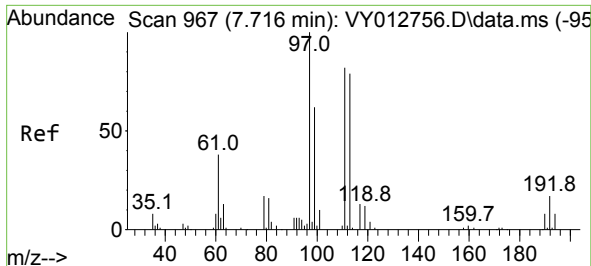
Tgt Ion: 65 Resp: 1654
 Ion Ratio Lower Upper
 65 100
 67 46.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.007 min
 Lab File: VY013100.D
 Acq: 27 Mar 2023 18:28

Tgt Ion: 114 Resp: 2567
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.4
 88 9.7 0.0 28.6

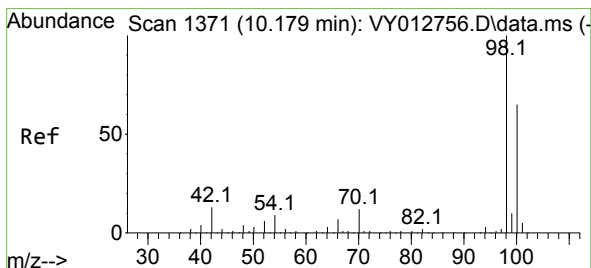
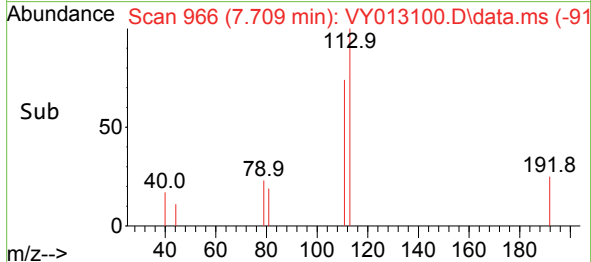
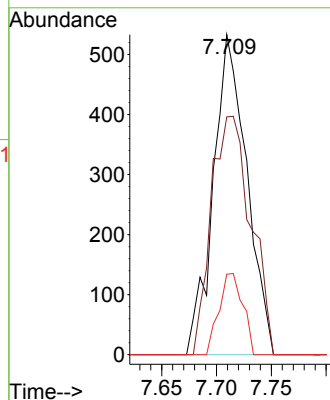
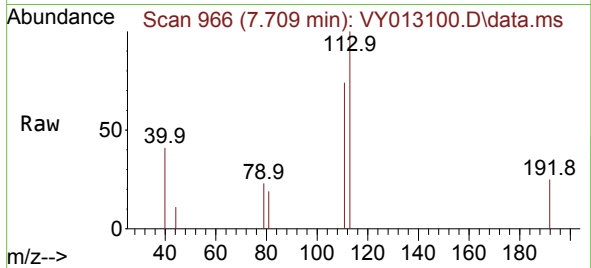




#35
Dibromofluoromethane
Concen: 73.265 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY013100.D
Acq: 27 Mar 2023 18:28

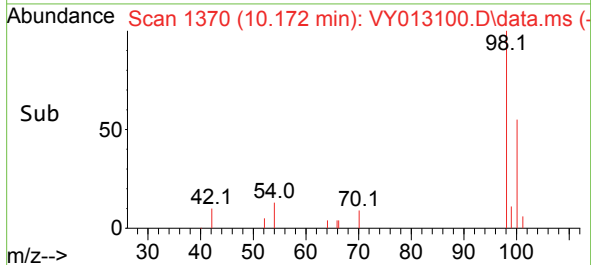
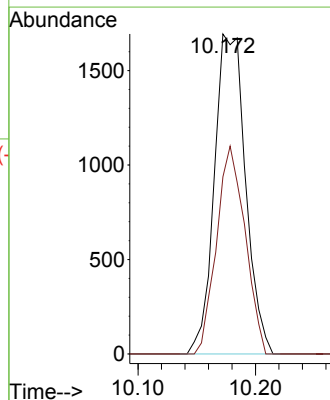
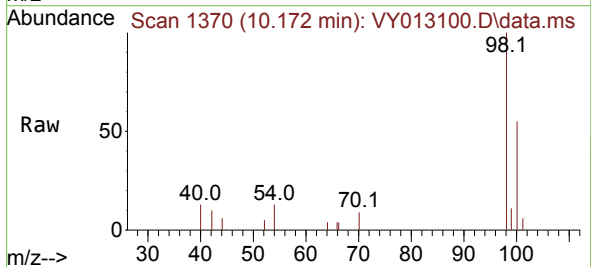
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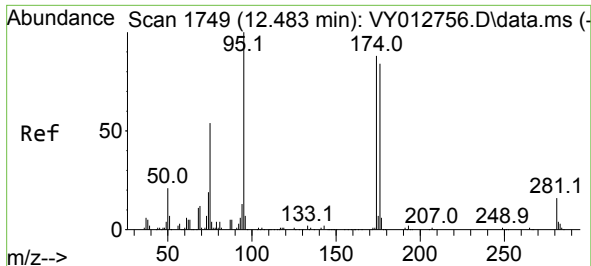
Tgt Ion:113 Resp: 1135
Ion Ratio Lower Upper
113 100
111 88.0 82.2 123.2
192 18.0 16.8 25.2



#50
Toluene-d8
Concen: 55.090 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY013100.D
Acq: 27 Mar 2023 18:28

Tgt Ion: 98 Resp: 3120
Ion Ratio Lower Upper
98 100
100 59.4 50.9 76.3

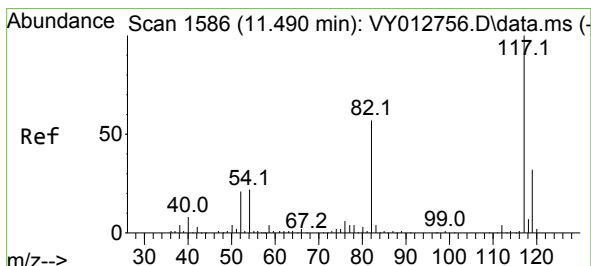
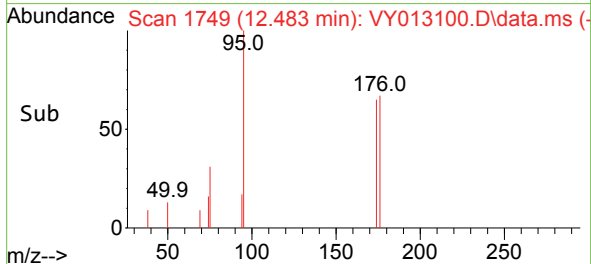
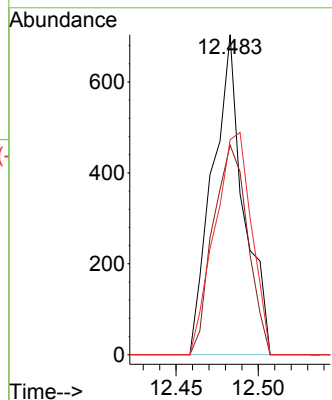
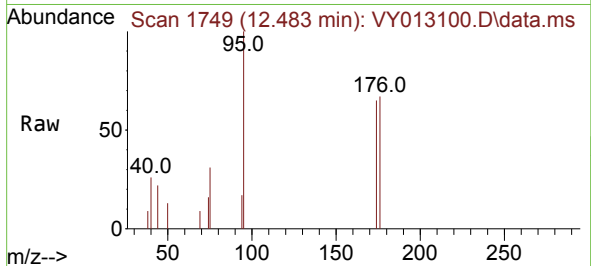




#62
4-Bromofluorobenzene
Concen: 48.390 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013100.D
Acq: 27 Mar 2023 18:28

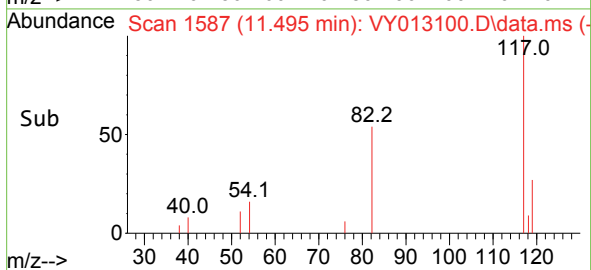
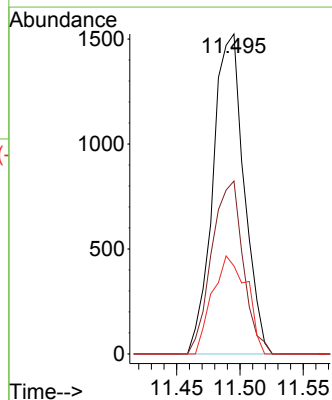
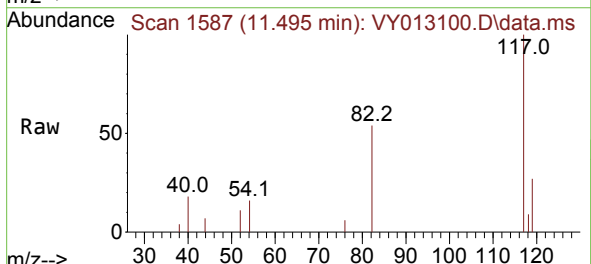
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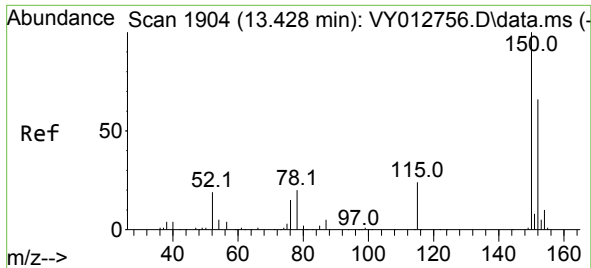
Tgt Ion:	95	Resp:	925
Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	176.6
176	82.1	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013100.D
Acq: 27 Mar 2023 18:28

Tgt Ion:	117	Resp:	2609
Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.4	68.0
119	27.5	25.6	38.4

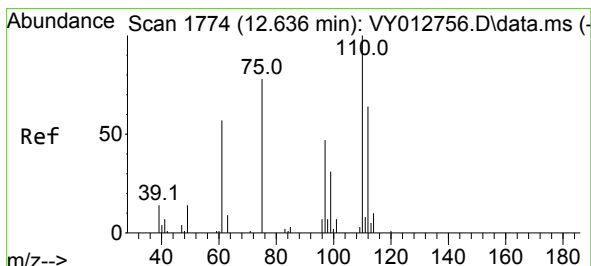
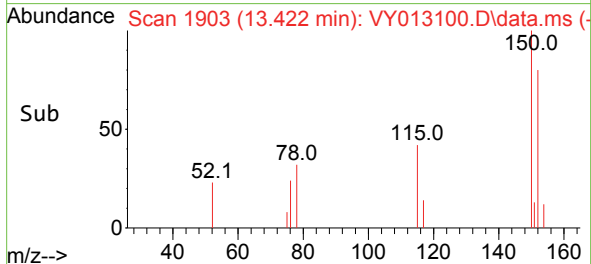
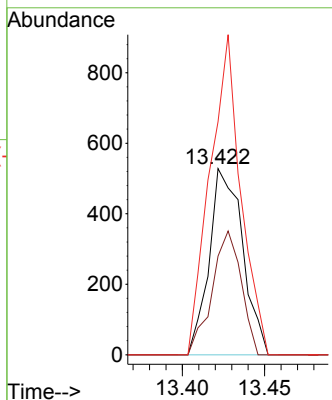
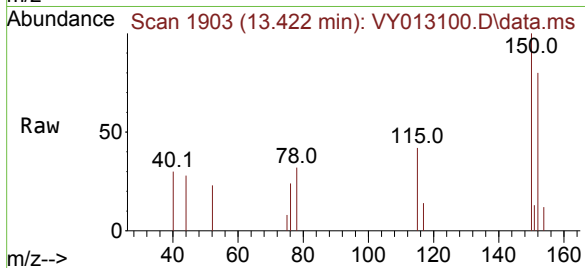




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.007 min
 Lab File: VY013100.D
 Acq: 27 Mar 2023 18:28

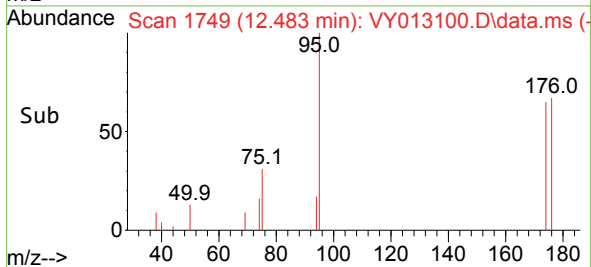
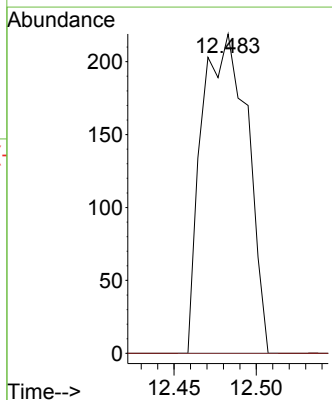
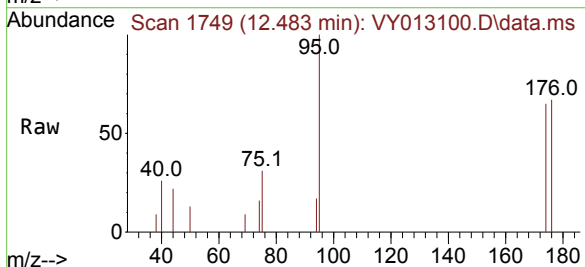
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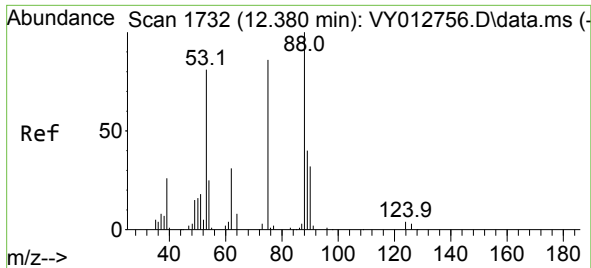
Tgt Ion:152 Resp: 744
 Ion Ratio Lower Upper
 152 100
 115 58.1 27.1 81.3
 150 159.4 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 47.611 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY013100.D
 Acq: 27 Mar 2023 18:28

Tgt Ion: 75 Resp: 423
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.651 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY013100.D
 Acq: 27 Mar 2023 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-NORTH

Tgt Ion: 75 Resp: 423
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

