

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014917.D
 Acq On : 28 Jul 2023 18:33
 Operator : SY/MD
 Sample : 03834-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P2A

Quant Time: Jul 29 03:10:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

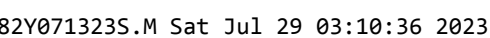
Internal Standards						
1) Pentafluorobenzene	7.783	168	126501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	212076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97741	50.000	ug/l	0.00

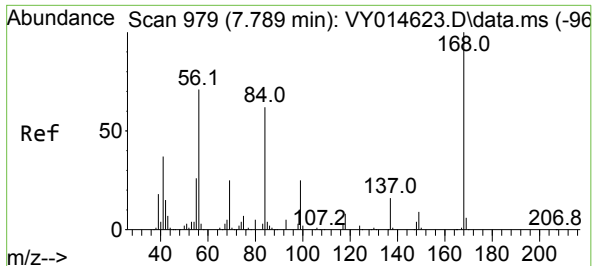
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78463	54.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.860%
35) Dibromofluoromethane	7.709	113	69802	49.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.172	98	259609	49.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.477	95	94644	47.385	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.780%

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.911	59	2190	Below Cal	#	89
16) Acetone	3.942	43	2640	5.779	ug/l #	71
20) Methylene Chloride	4.704	84	9738	2.555	ug/l	89
25) 2-Butanone	6.972	43	3687	5.517	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	4880	1.990	ug/l #	54
31) Cyclohexane	7.783	56	2812	1.175	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	9905	4.688	ug/l #	52
38) Carbon Tetrachloride	7.776	117	12749	5.708	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	51136	41.424	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51136	80.205	ug/l #	11

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

Quant Time: Jul 29 03:10:24 2023
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Response via : Initial Calibration

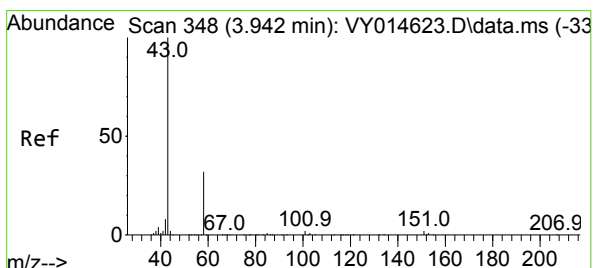
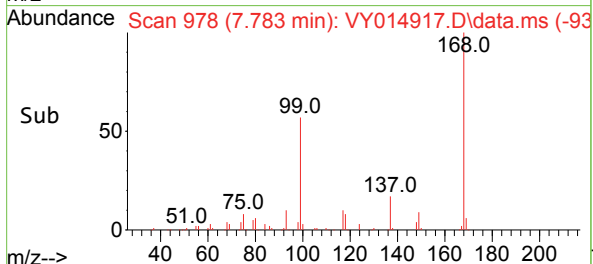
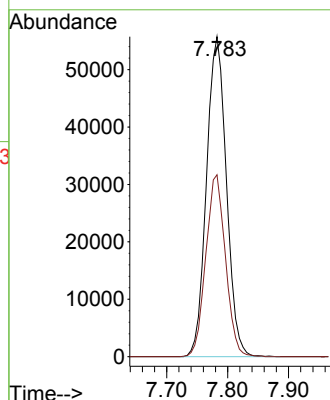
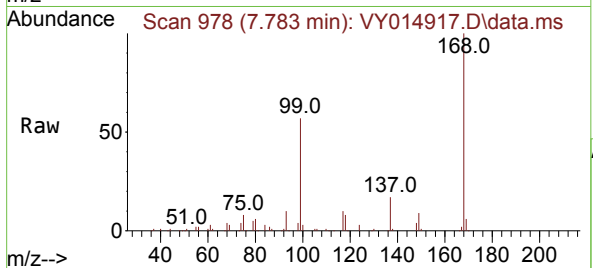




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

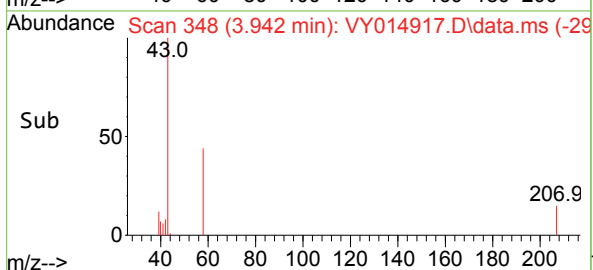
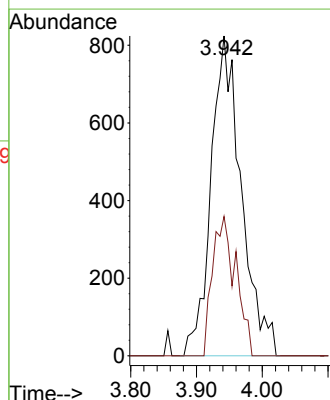
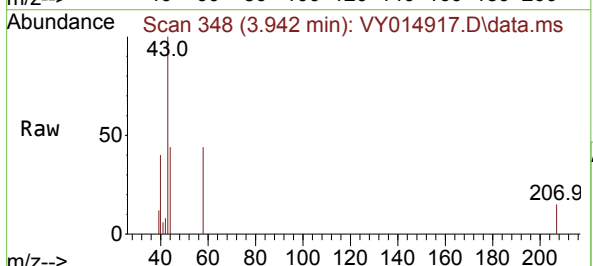
Instrument :
MSVOA_Y
ClientSampleId :
B-P2A

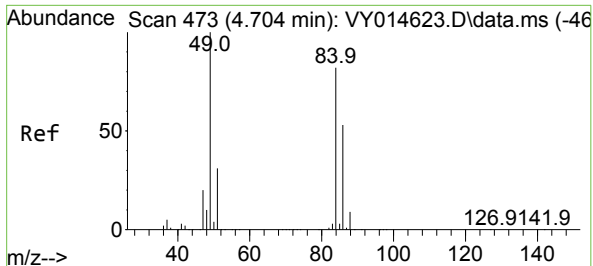
Tgt Ion:168 Resp: 126501
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#16
Acetone
Concen: 5.779 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

Tgt Ion: 43 Resp: 2640
Ion Ratio Lower Upper
43 100
58 43.6 22.7 34.1#

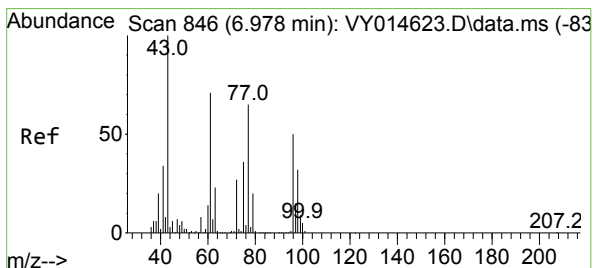
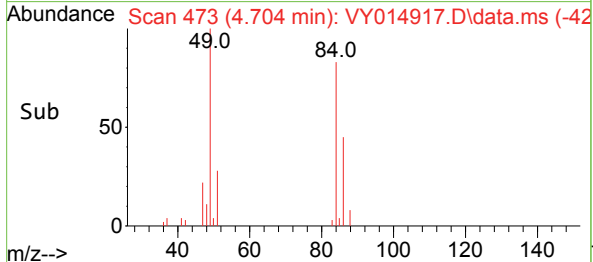
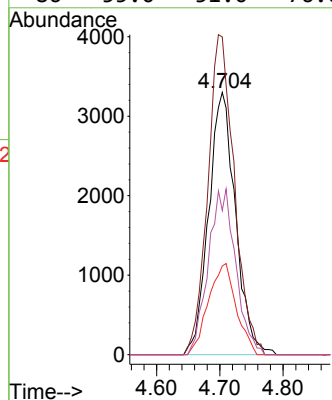
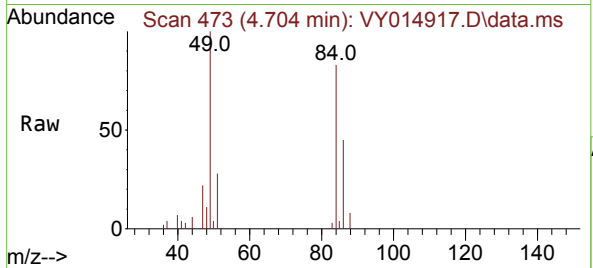




#20
Methylene Chloride
Concen: 2.555 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

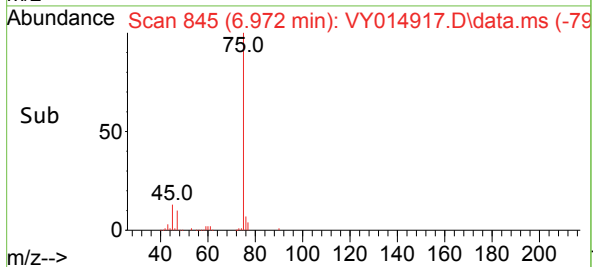
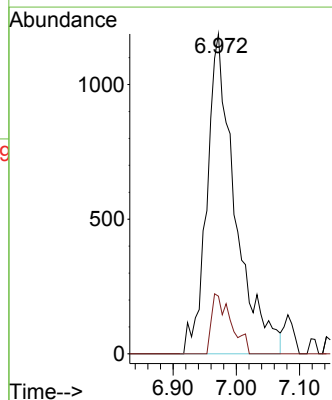
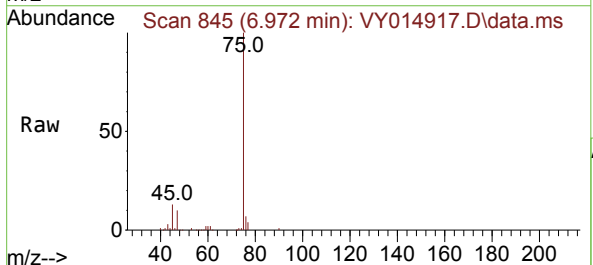
Instrument :
MSVOA_Y
ClientSampleId :
B-P2A

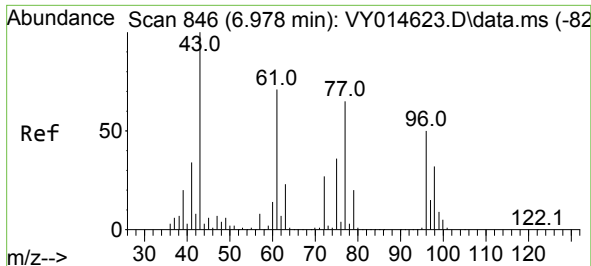
Tgt Ion:	84	Resp:	9738
Ion	Ratio	Lower	Upper
84	100		
49	121.2	106.9	160.3
51	33.8	33.2	49.8
86	55.0	51.0	76.6



#25
2-Butanone
Concen: 5.517 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

Tgt Ion:	43	Resp:	3687
Ion	Ratio	Lower	Upper
43	100		
72	18.0	20.5	30.7#

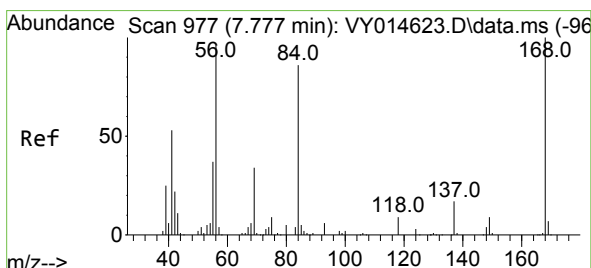
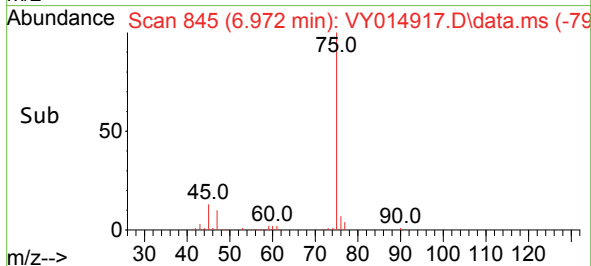
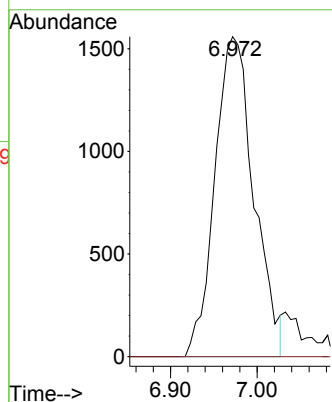
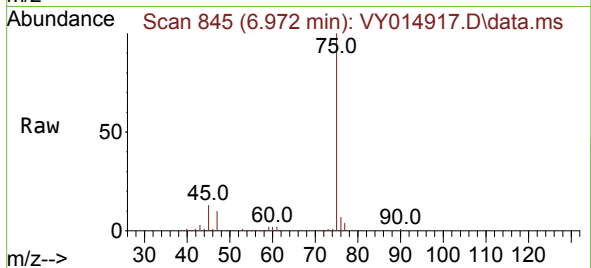




#26
2,2-Dichloropropane
Concen: 1.990 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

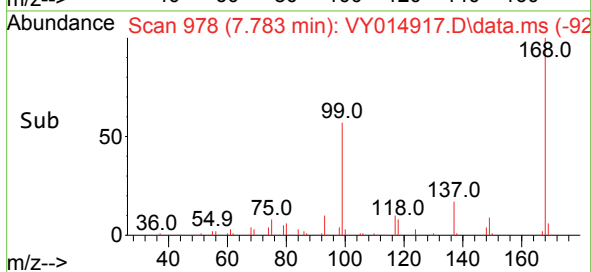
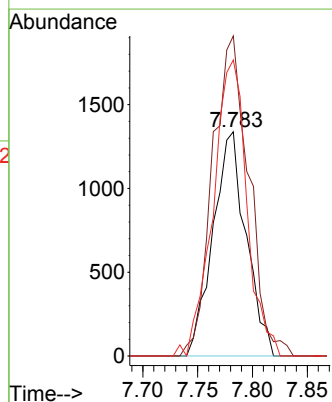
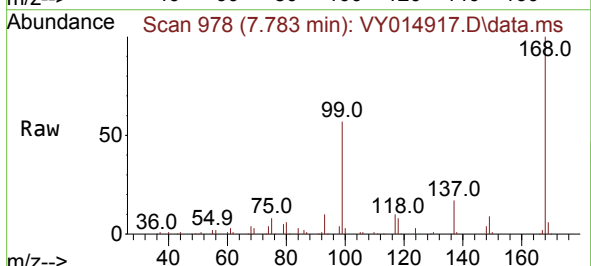
Instrument :
MSVOA_Y
ClientSampleId :
B-P2A

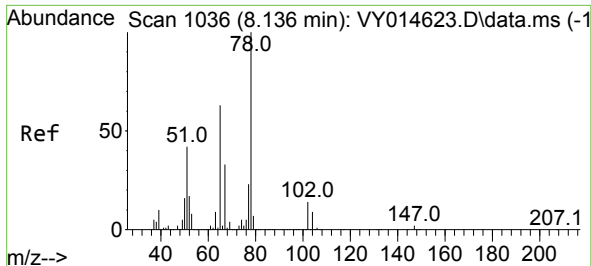
Tgt Ion: 77 Resp: 4880
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

Tgt Ion: 56 Resp: 2812
Ion Ratio Lower Upper
56 100
69 142.8 27.8 41.6#
84 132.1 66.4 99.6#

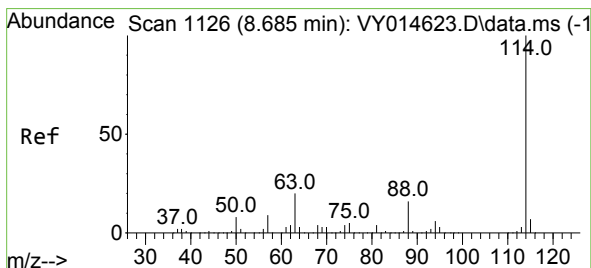
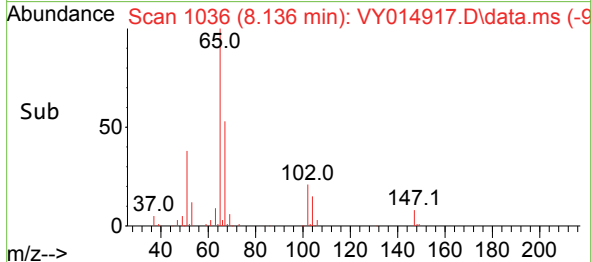
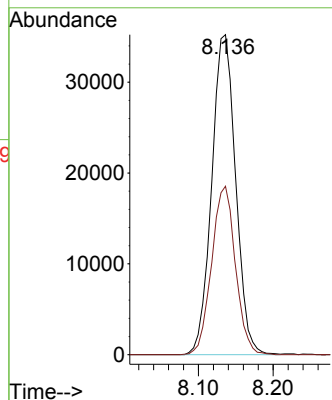
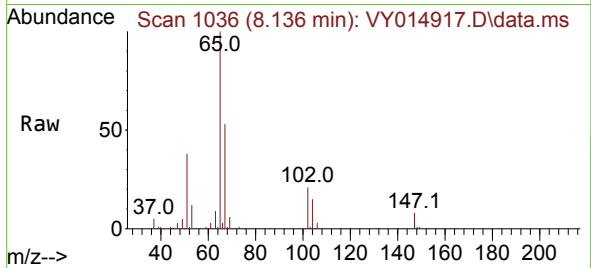




#33
 1,2-Dichloroethane-d4
 Concen: 54.430 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014917.D
 Acq: 28 Jul 2023 18:33

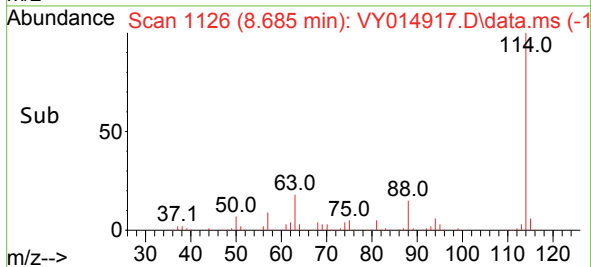
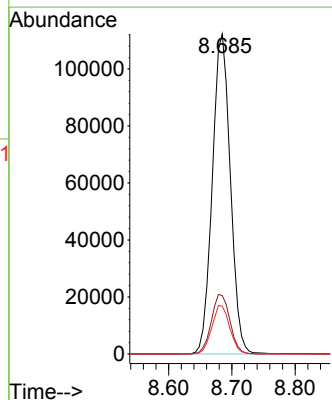
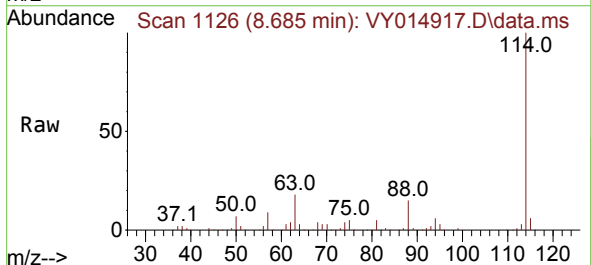
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P2A

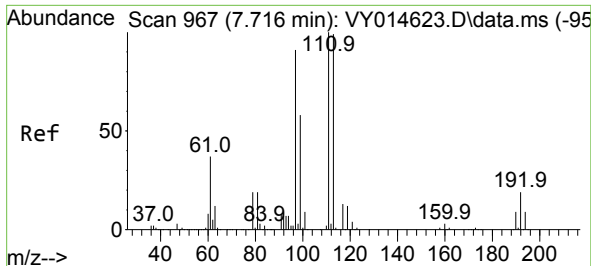
Tgt Ion: 65 Resp: 78463
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY014917.D
 Acq: 28 Jul 2023 18:33

Tgt Ion: 114 Resp: 221950
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 42.4
 88 14.9 0.0 30.6

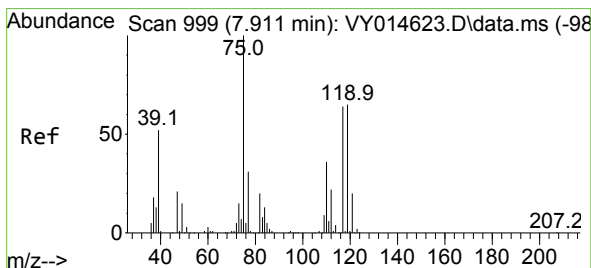
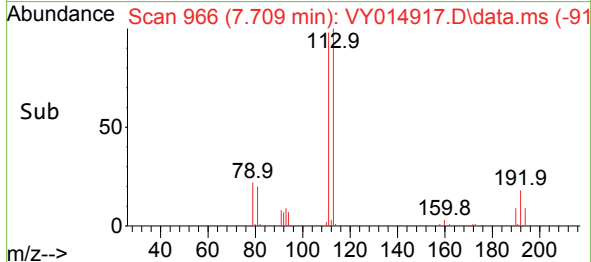
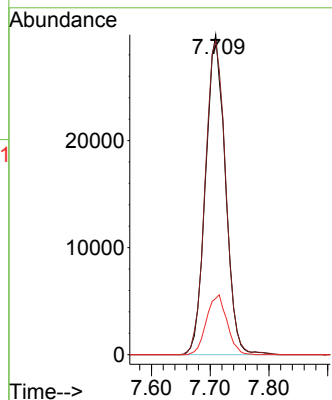
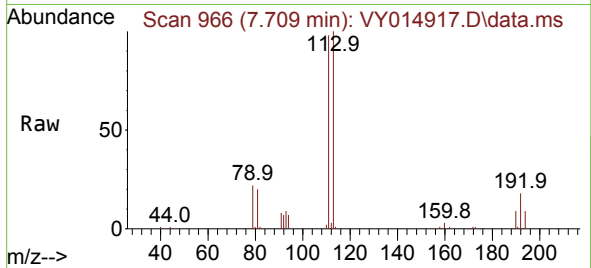




#35
Dibromofluoromethane
Concen: 49.404 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

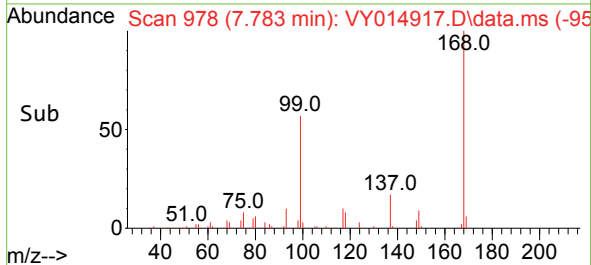
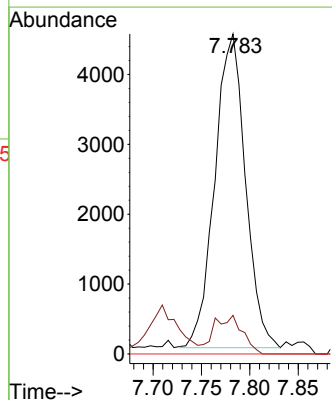
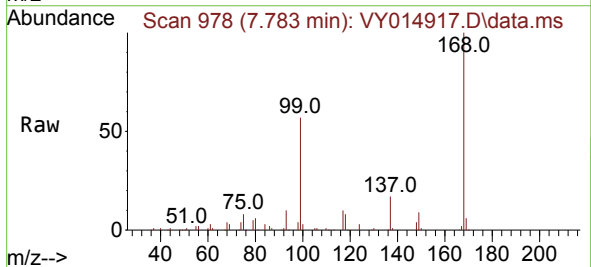
Instrument :
MSVOA_Y
ClientSampleId :
B-P2A

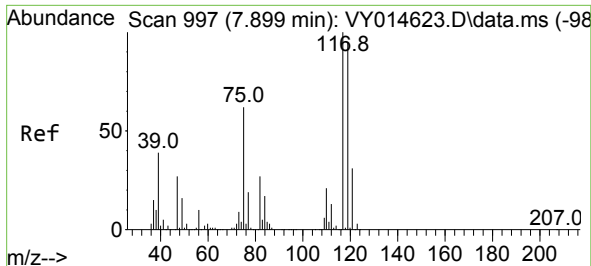
Tgt Ion:113 Resp: 69802
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

Tgt Ion: 75 Resp: 9905
Ion Ratio Lower Upper
75 100
110 11.5 17.8 53.5#
77 0.0 24.4 36.6#

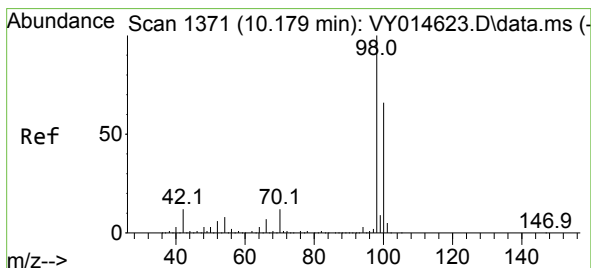
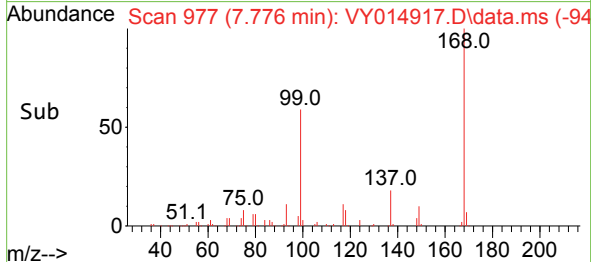
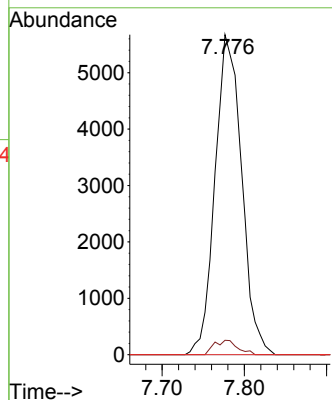
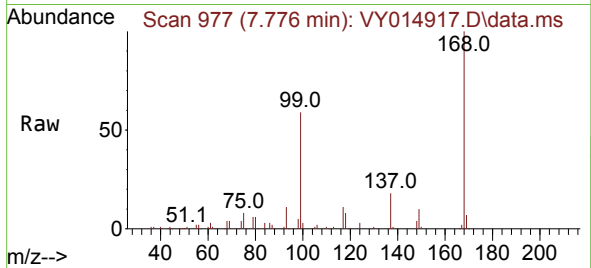




#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.123 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

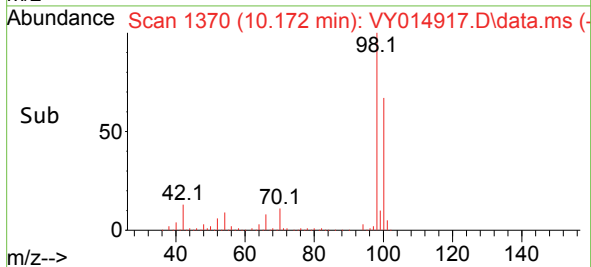
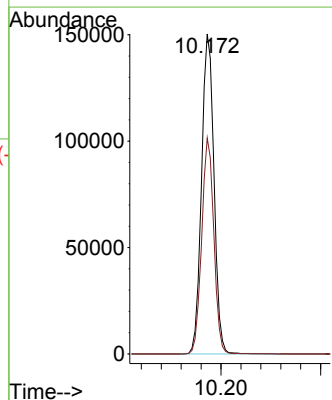
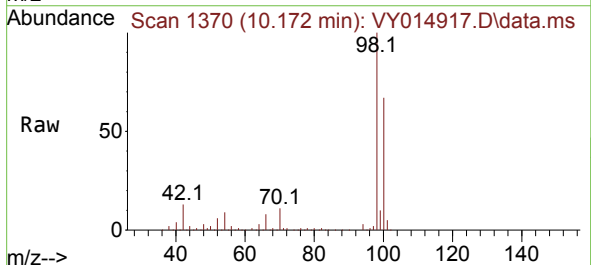
Instrument :
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B-P2A

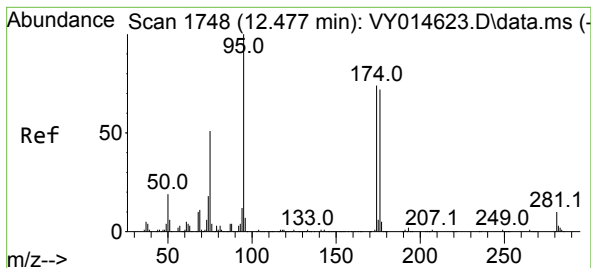
Tgt Ion:117 Resp: 12749
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.839 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

Tgt Ion: 98 Resp: 259609
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

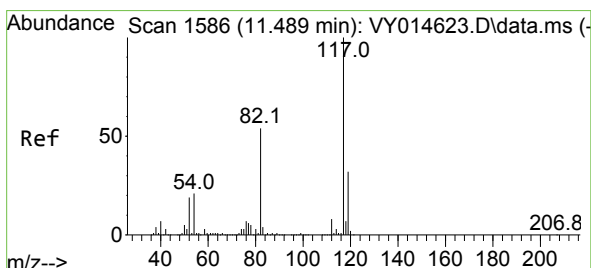
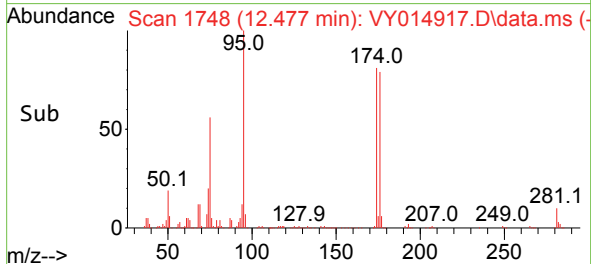
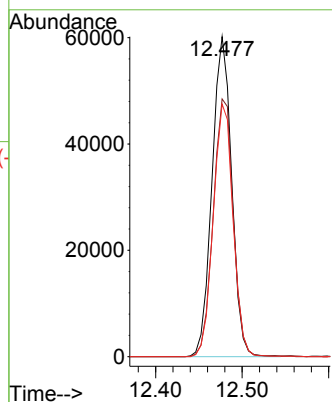
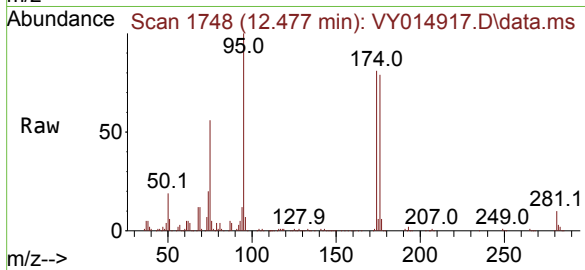




#62
4-Bromofluorobenzene
Concen: 47.385 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

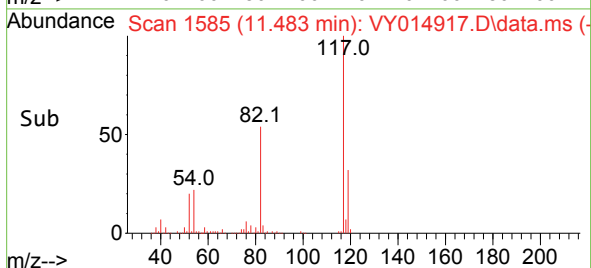
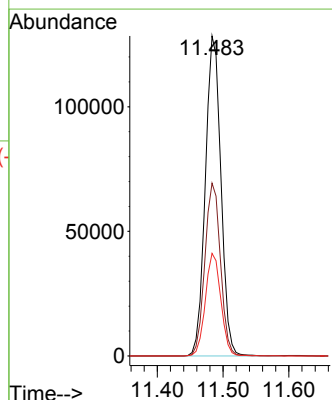
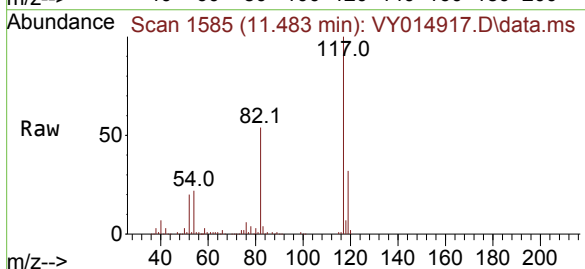
Instrument :
MSVOA_Y
ClientSampleId :
B-P2A

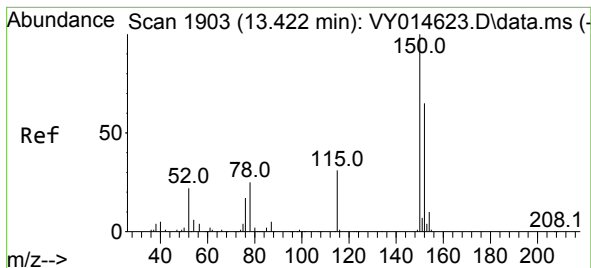
Tgt Ion:	95	Resp:	94644
Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	178.2
176	79.6	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

Tgt Ion:	117	Resp:	212076
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.0	26.3	39.5

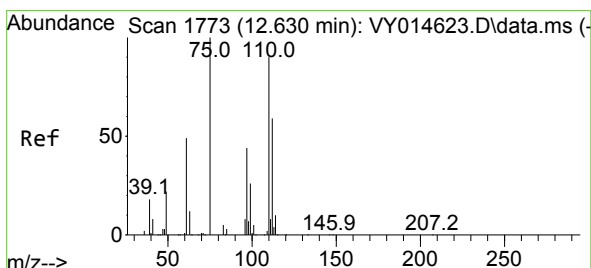
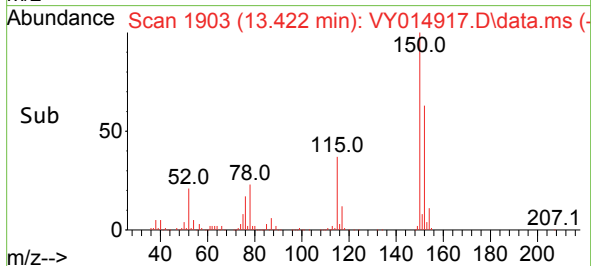
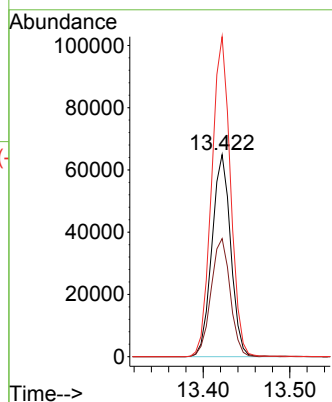
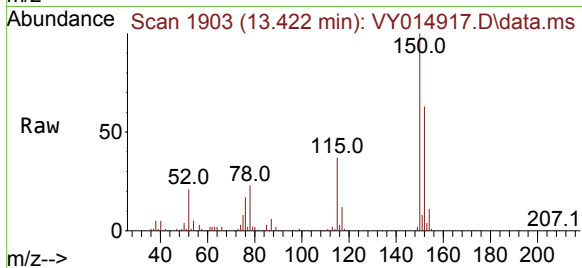




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY014917.D
 Acq: 28 Jul 2023 18:33

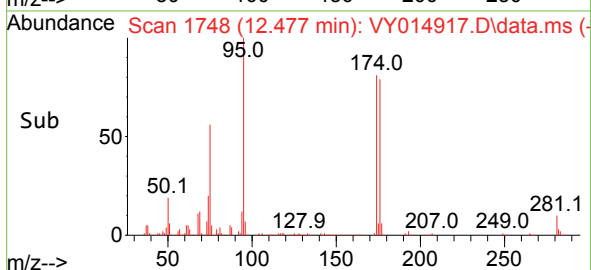
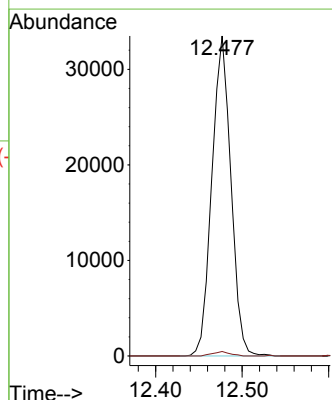
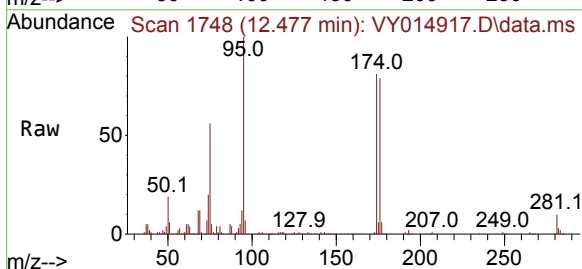
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P2A

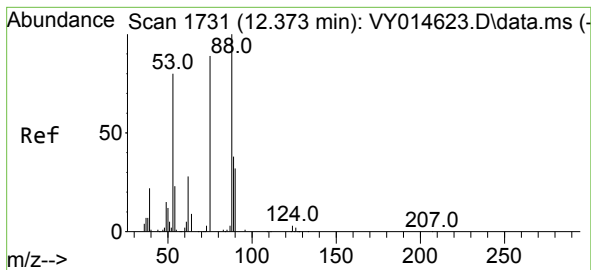
Tgt Ion:152 Resp: 97741
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.8 86.5
 150 158.5 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 41.424 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014917.D
 Acq: 28 Jul 2023 18:33

Tgt Ion: 75 Resp: 51136
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.205 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014917.D
 Acq: 28 Jul 2023 18:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P2A

Tgt Ion: 75 Resp: 51136
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

