

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012424.D
 Acq On : 31 Jan 2023 16:45
 Operator : KP/MD
 Sample : 01371-01
 Misc : 7.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-BERKSHIRE-NW

Quant Time: Feb 01 01:25:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

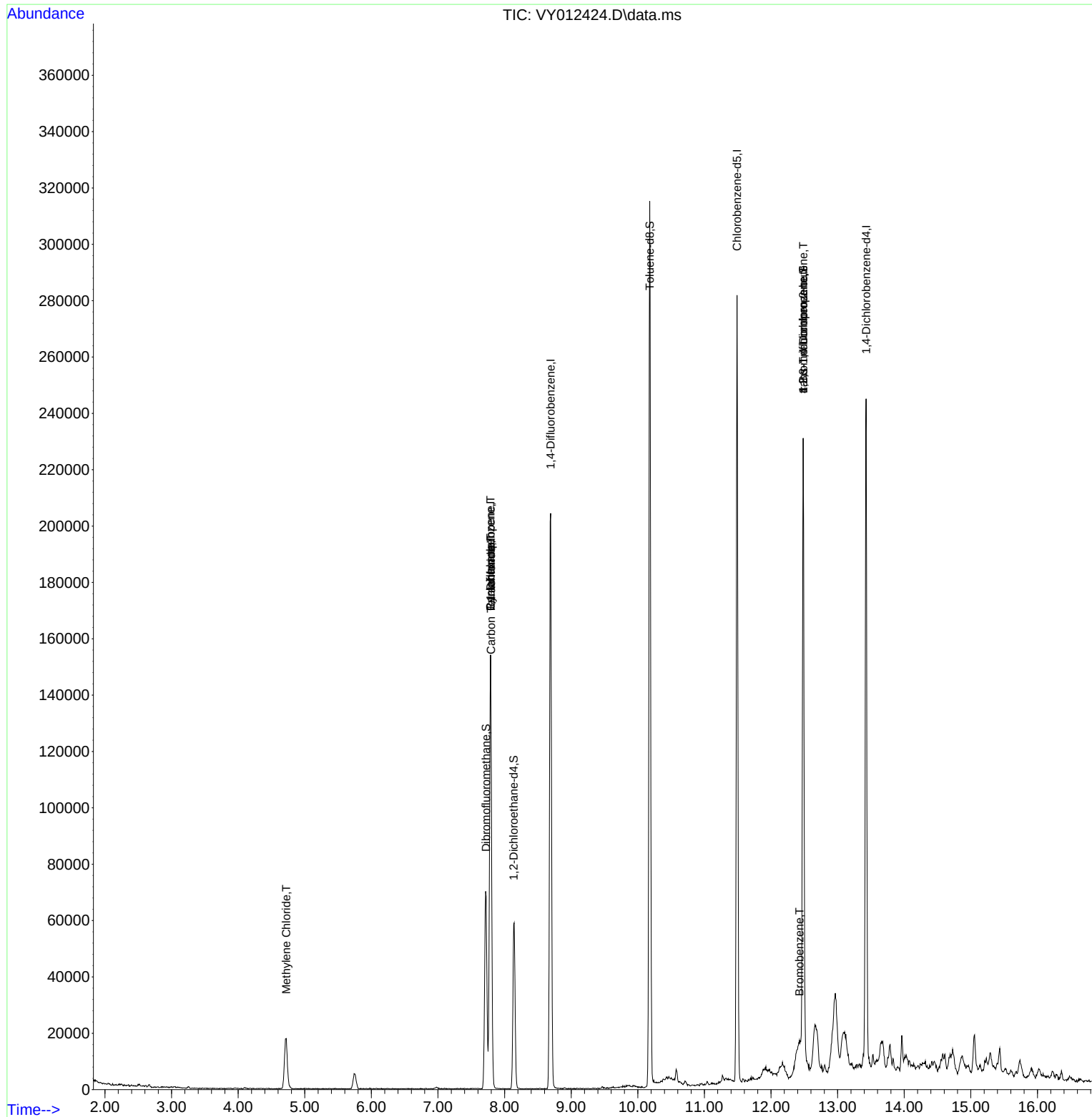
Internal Standards						
1) Pentafluorobenzene	7.789	168	123061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	155192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48553	47.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.780%
35) Dibromofluoromethane	7.722	113	50114	51.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.580%
50) Toluene-d8	10.179	98	215739	65.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.060%
62) 4-Bromofluorobenzene	12.483	95	62835	45.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	49	Below Cal	#	74
20) Methylene Chloride	4.722	84	14885	2.892	ug/l #	90
31) Cyclohexane	7.789	56	2104	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8058	4.853	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11458	5.343	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	31559	53.076	ug/l #	100
77) Bromobenzene	12.428	156	25732	22.934	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	31559	109.360	ug/l #	14

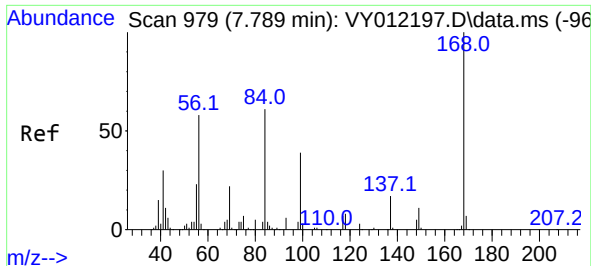
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
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Misc : 7.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-BERKSHIRE-NW

Quant Time: Feb 01 01:25:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

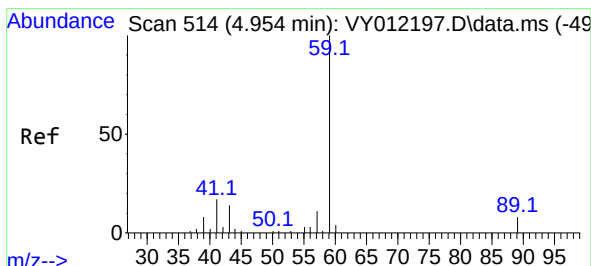
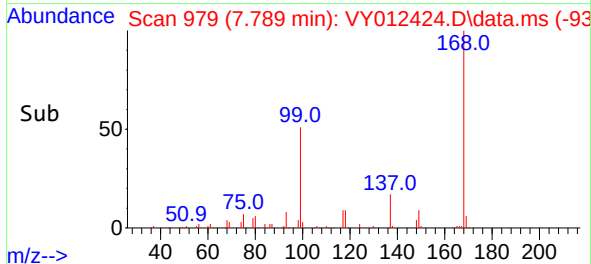
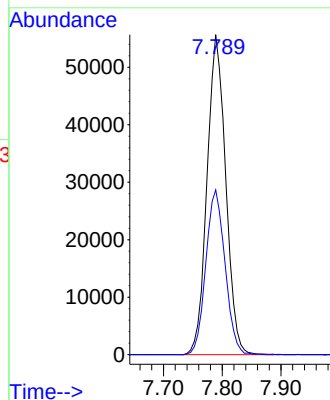
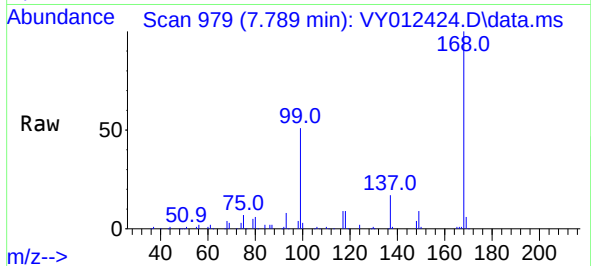




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012424.D
Acq: 31 Jan 2023 16:45

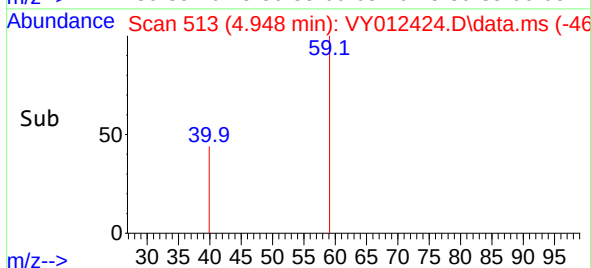
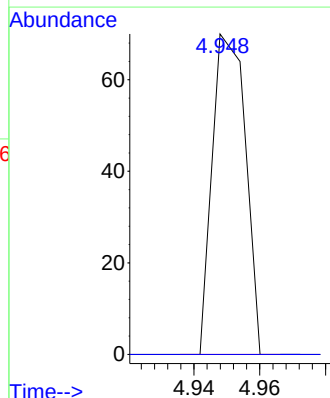
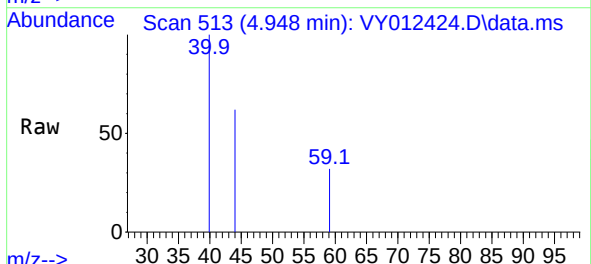
Instrument :
MSVOA_Y
ClientSampleId :
1-BERKSHIRE-NW

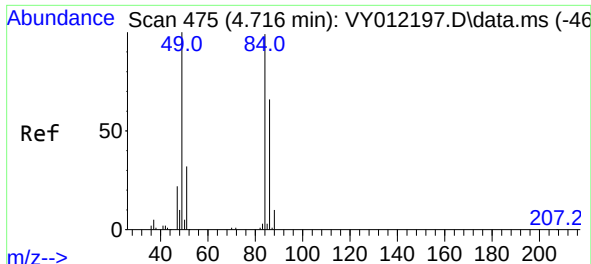
Tgt Ion:168 Resp: 123061
Ion Ratio Lower Upper
168 100
99 51.5 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012424.D
Acq: 31 Jan 2023 16:45

Tgt Ion: 59 Resp: 49
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



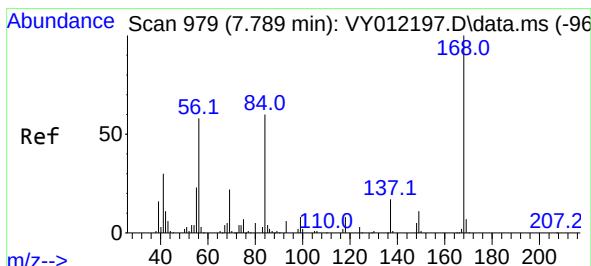
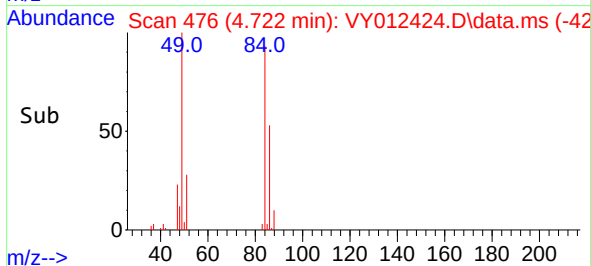
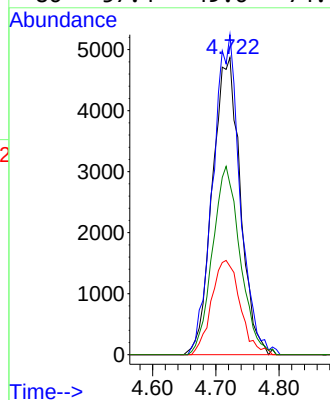
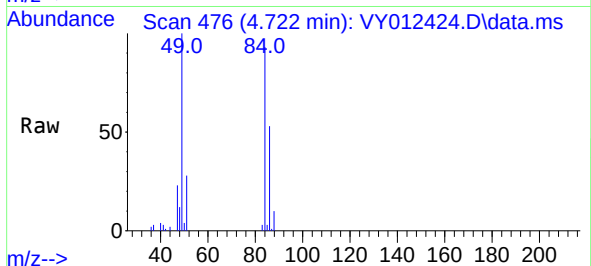


#20
Methylene Chloride
Concen: 2.892 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY012424.D
Acq: 31 Jan 2023 16:45

Instrument :
MSVOA_Y
ClientSampleId :
1-BERKSHIRE-NW

Tgt Ion: 84 Resp: 14885

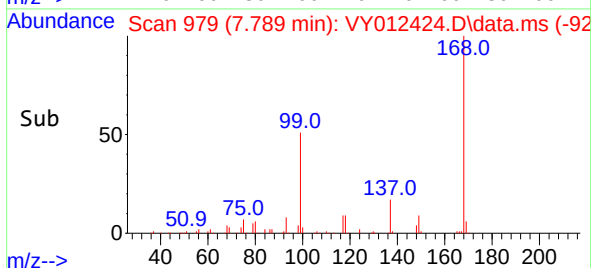
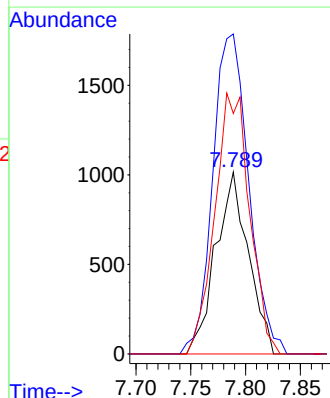
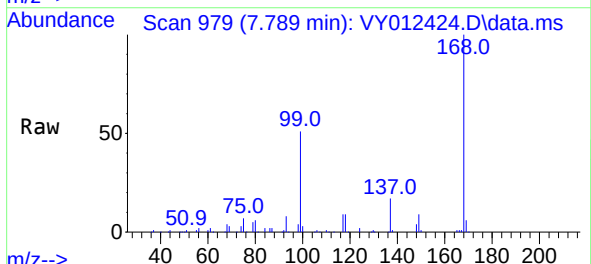
Ion	Ratio	Lower	Upper
84	100		
49	107.7	95.4	143.2
51	29.7	29.9	44.9#
86	57.4	49.6	74.4

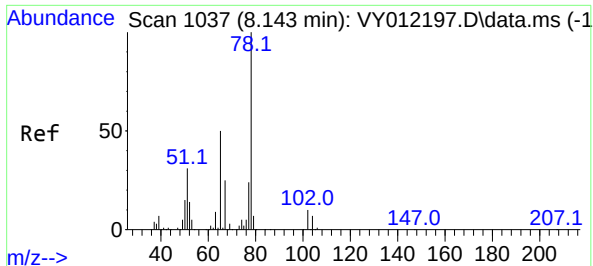


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012424.D
Acq: 31 Jan 2023 16:45

Tgt Ion: 56 Resp: 2104

Ion	Ratio	Lower	Upper
56	100		
69	175.9	29.2	43.8#
84	132.2	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 47.394 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012424.D

Acq: 31 Jan 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

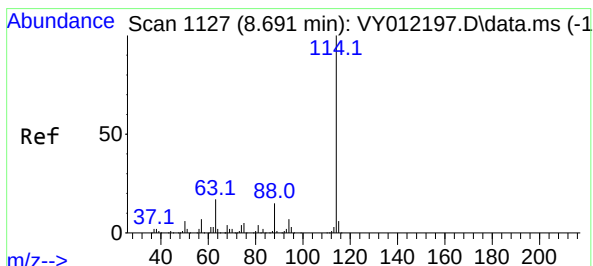
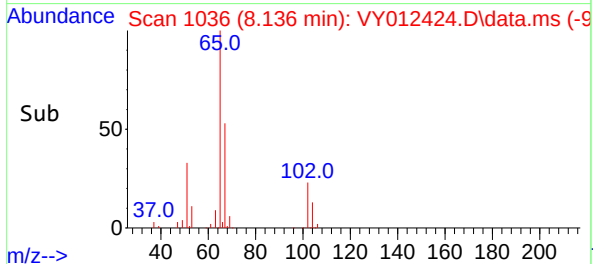
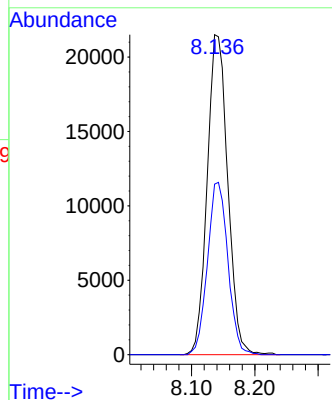
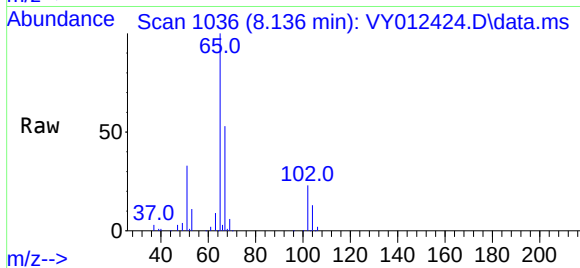
1-BERKSHIRE-NW

Tgt Ion: 65 Resp: 48553

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012424.D

Acq: 31 Jan 2023 16:45

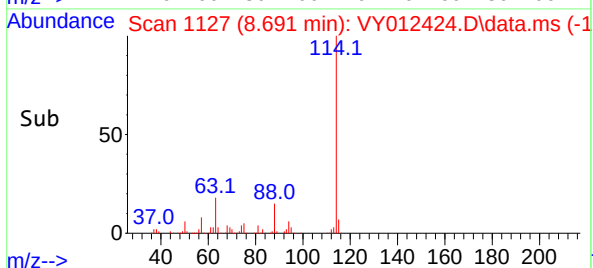
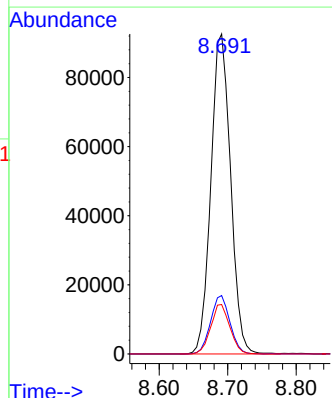
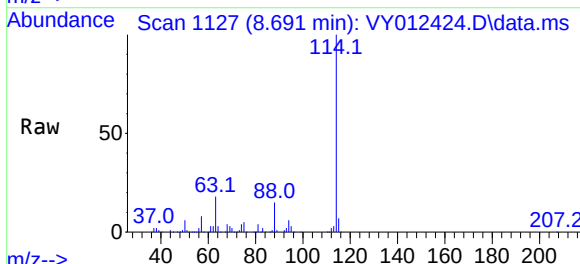
Tgt Ion: 114 Resp: 184521

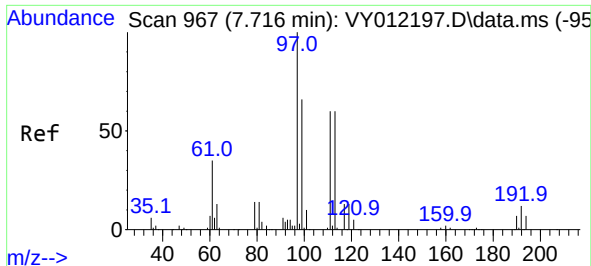
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.5 0.0 32.2

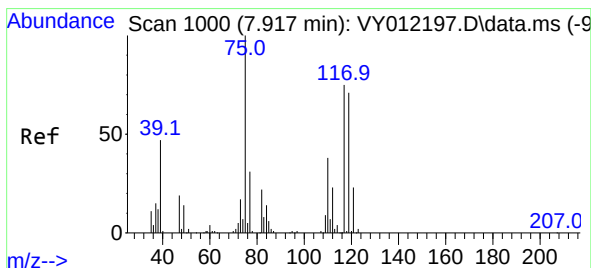
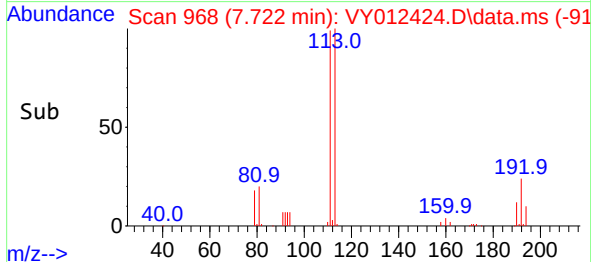
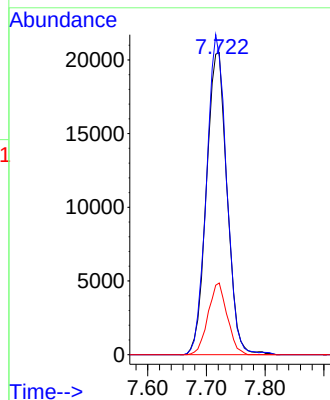
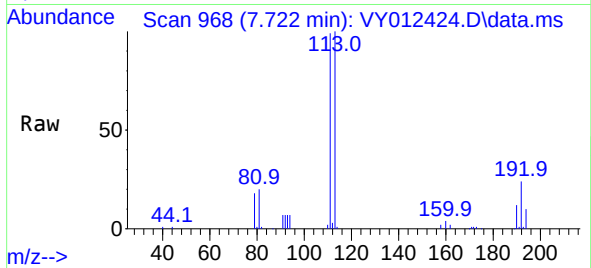




#35
 Dibromofluoromethane
 Concen: 51.292 ug/l
 RT: 7.722 min Scan# 901
 Delta R.T. 0.006 min
 Lab File: VY012424.D
 Acq: 31 Jan 2023 16:45

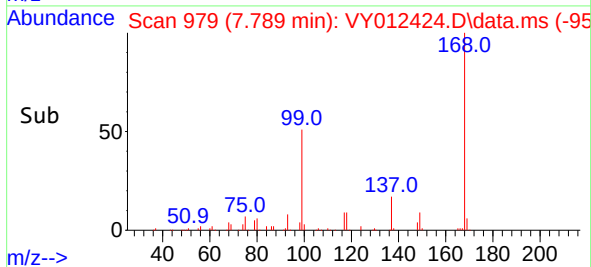
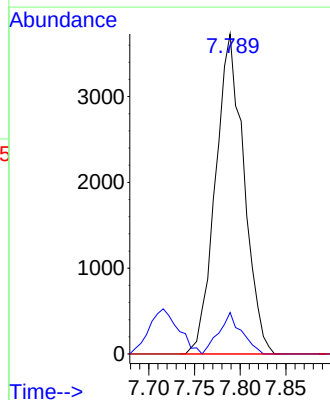
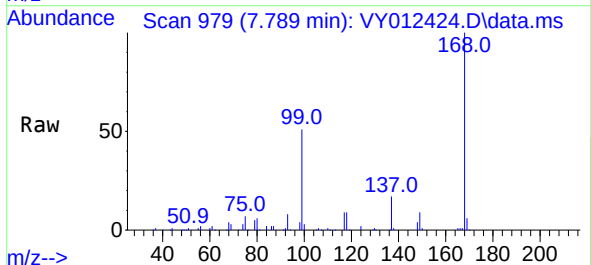
Instrument :
 MSVOA_Y
 ClientSampleId :
 1-BERKSHIRE-NW

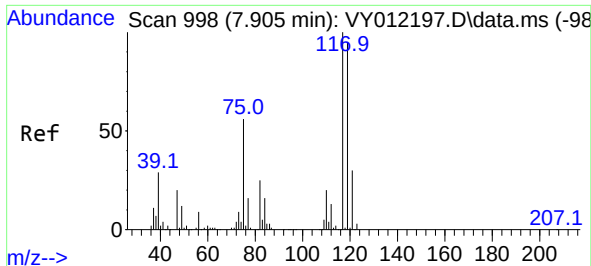
Tgt Ion:113 Resp: 50114
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.4
 192 22.0 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 4.853 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY012424.D
 Acq: 31 Jan 2023 16:45

Tgt Ion: 75 Resp: 8058
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.1 54.1#
 77 0.0 25.1 37.7#

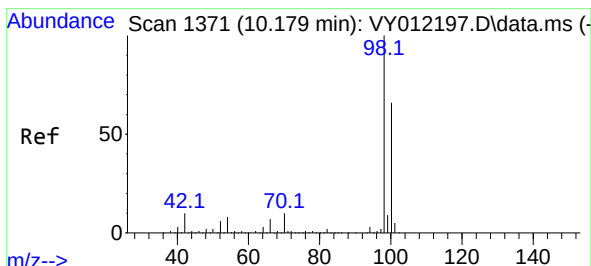
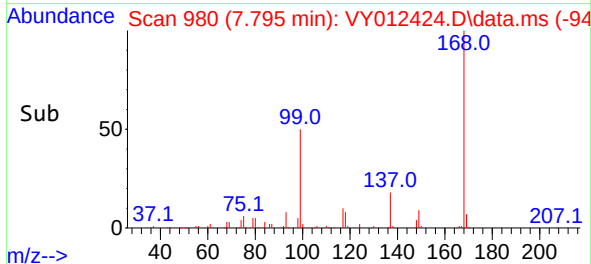
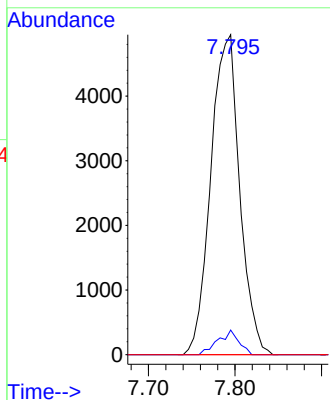
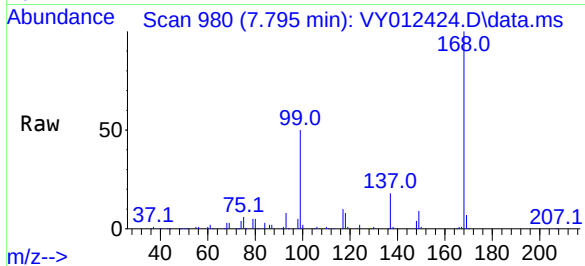




#38
Carbon Tetrachloride
Concen: 5.343 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012424.D
Acq: 31 Jan 2023 16:45

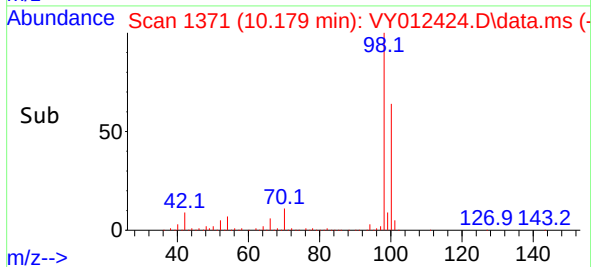
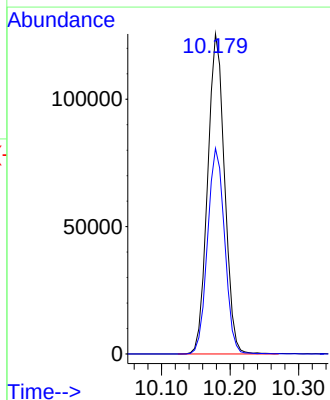
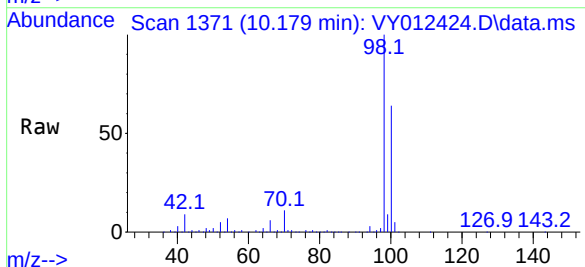
Instrument :
MSVOA_Y
ClientSampleId :
1-BERKSHIRE-NW

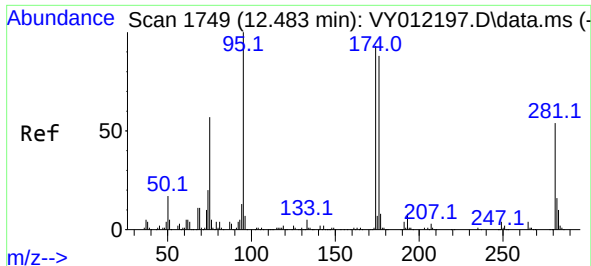
Tgt Ion:117 Resp: 11458
Ion Ratio Lower Upper
117 100
119 7.7 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.031 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012424.D
Acq: 31 Jan 2023 16:45

Tgt Ion: 98 Resp: 215739
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

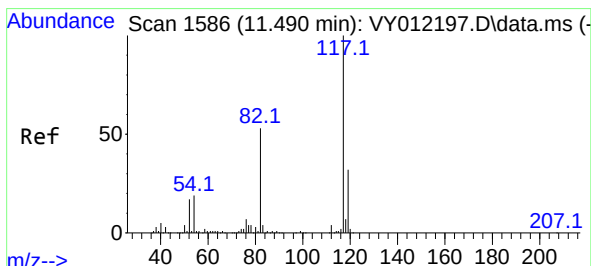
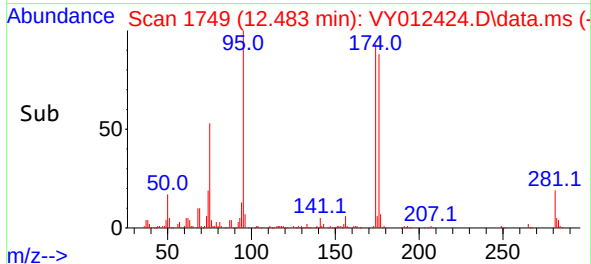
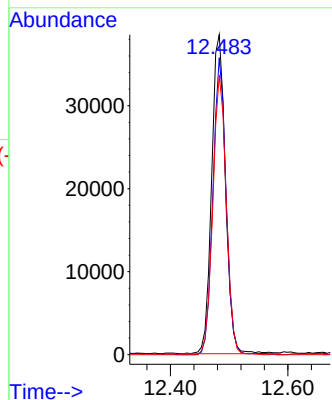
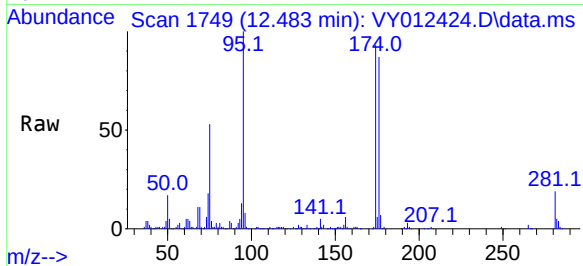




#62
4-Bromofluorobenzene
Concen: 45.621 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012424.D
Acq: 31 Jan 2023 16:45

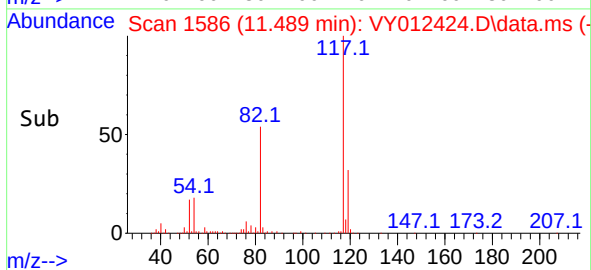
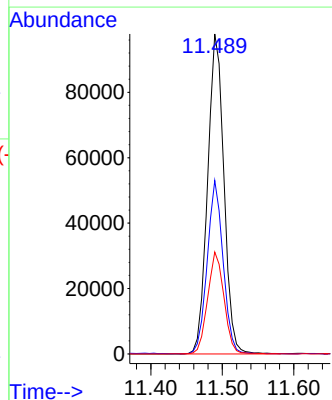
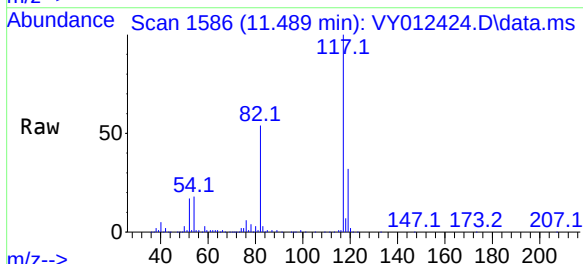
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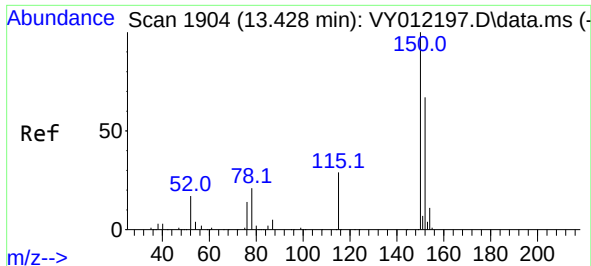
Tgt Ion: 95 Resp: 62835
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.0
176 85.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012424.D
Acq: 31 Jan 2023 16:45

Tgt Ion: 117 Resp: 155192
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 31.8 25.4 38.2

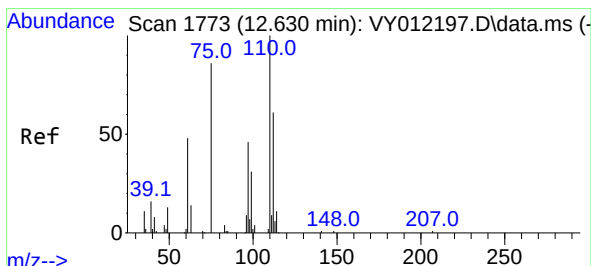
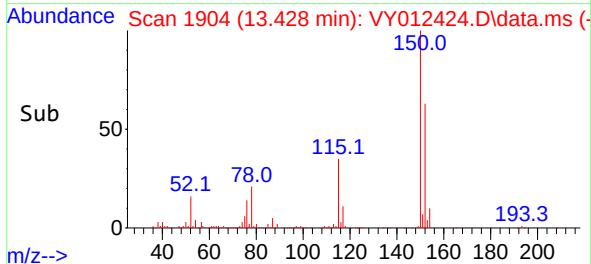
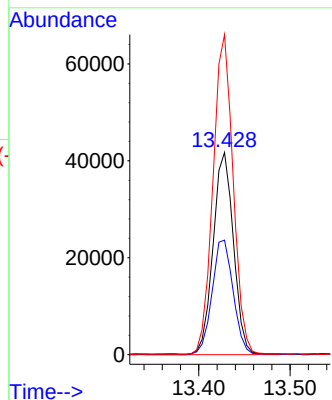
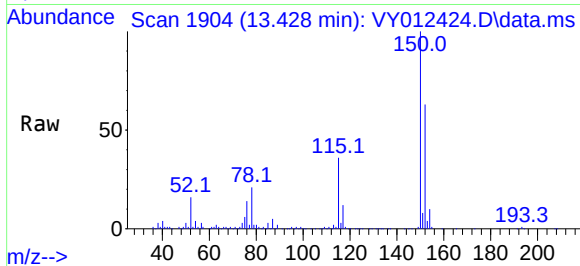




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012424.D
 Acq: 31 Jan 2023 16:45

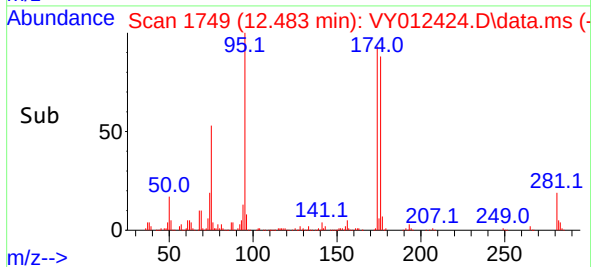
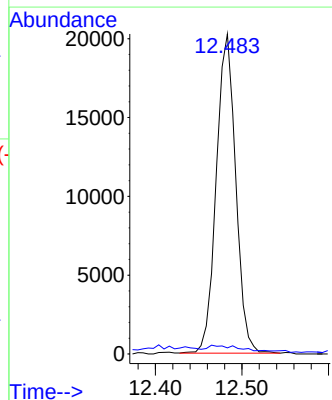
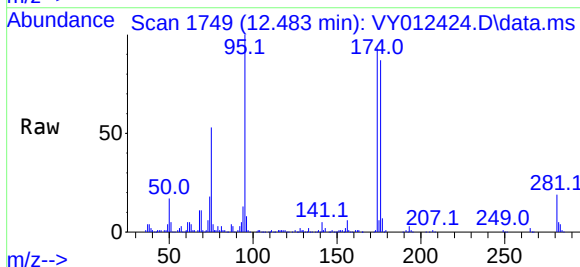
Instrument :
 MSVOA_Y
 ClientSampleId :
 1-BERKSHIRE-NW

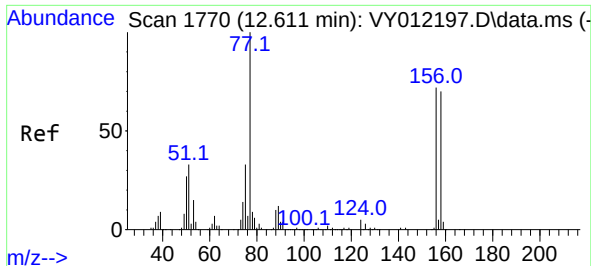
Tgt Ion:152 Resp: 64663
 Ion Ratio Lower Upper
 152 100
 115 58.4 29.1 87.3
 150 156.4 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 53.076 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012424.D
 Acq: 31 Jan 2023 16:45

Tgt Ion: 75 Resp: 31559
 Ion Ratio Lower Upper
 75 100
 77 2.5 0.0 0.0#

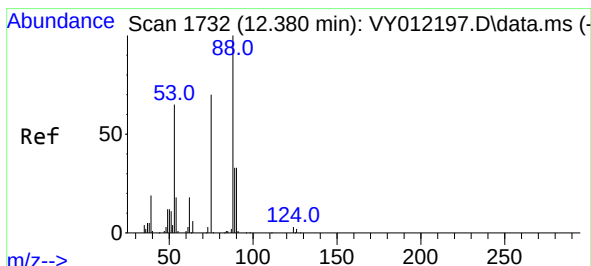
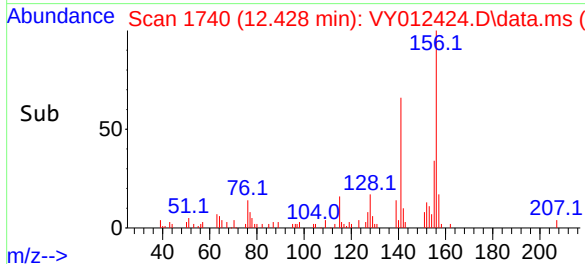
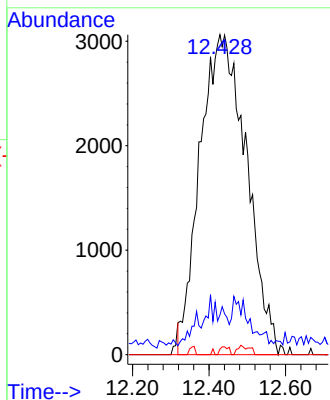
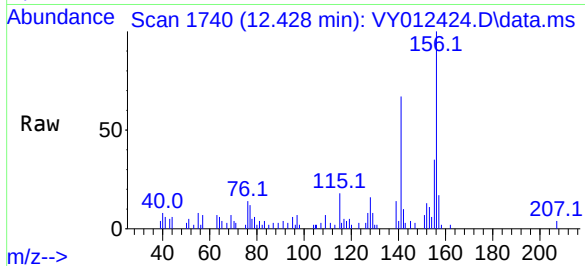




#77
Bromobenzene
Concen: 22.934 ug/l
RT: 12.428 min Scan# 1749
Delta R.T. -0.177 min
Lab File: VY012424.D
Acq: 31 Jan 2023 16:45

Instrument :
MSVOA_Y
ClientSampleId :
1-BERKSHIRE-NW

Tgt Ion:156 Resp: 25732
Ion Ratio Lower Upper
156 100
77 0.0 90.0 270.0#
158 0.5 48.4 145.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.360 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012424.D
Acq: 31 Jan 2023 16:45

Tgt Ion: 75 Resp: 31559
Ion Ratio Lower Upper
75 100
53 0.4 72.5 108.7#
89 1.1 37.0 55.4#

