

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012095.D
 Acq On : 06 Jan 2023 16:38
 Operator : KP/MD
 Sample : 01027-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1-1-4-2023RE

Quant Time: Jan 07 01:49:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

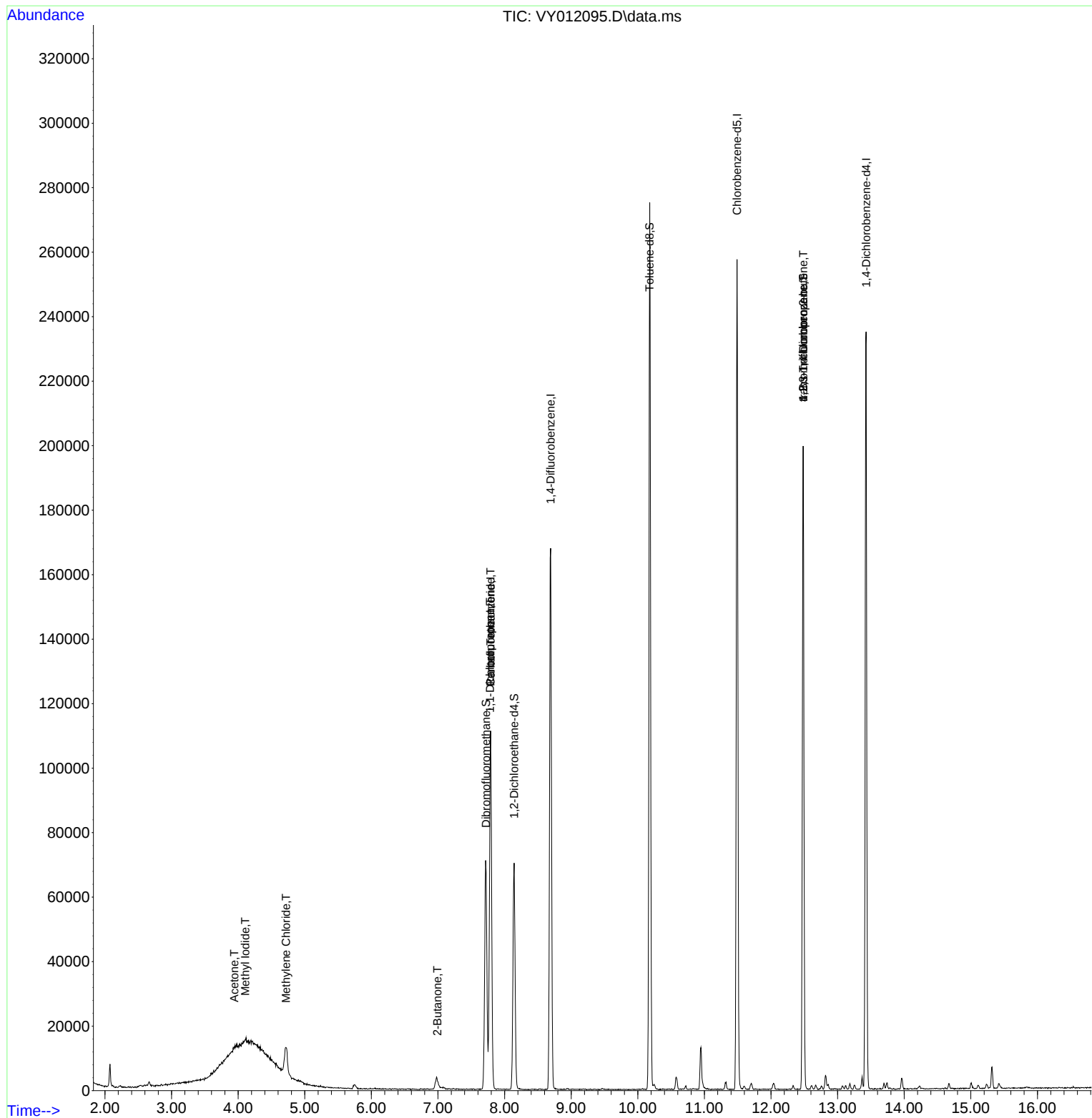
Internal Standards						
1) Pentafluorobenzene	7.789	168	87059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57415	58.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.380%
35) Dibromofluoromethane	7.722	113	48412	48.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.179	98	181356	46.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.483	95	57796	41.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	338	Below Cal	#	41
5) Bromomethane	2.668	94	502	Below Cal	#	78
10) Methyl Iodide	4.107	142	1454	1.236	ug/l	99
11) Tert butyl alcohol	4.936	59	705	Below Cal	#	74
16) Acetone	3.942	43	1352	5.875	ug/l	96
17) Carbon Disulfide	4.198	76	208	Below Cal	#	75
20) Methylene Chloride	4.716	84	7099	1.565	ug/l #	81
25) 2-Butanone	6.990	43	732	2.411	ug/l #	46
31) Cyclohexane	7.777	56	1811	Below Cal	#	19
36) 1,1-Dichloropropene	7.783	75	6098	4.029	ug/l #	52
38) Carbon Tetrachloride	7.789	117	8528	4.440	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	30906	42.135	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30906	93.576	ug/l #	13

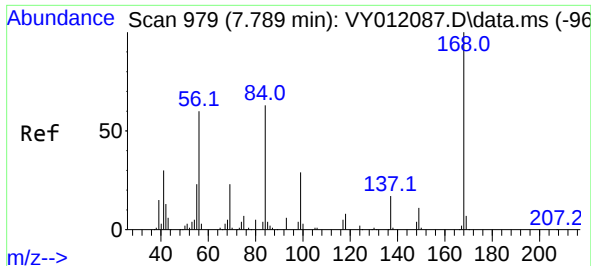
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
Data File : VY012095.D
Acq On : 06 Jan 2023 16:38
Operator : KP/MD
Sample : 01027-01RE
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1-1-4-2023RE

Quant Time: Jan 07 01:49:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration

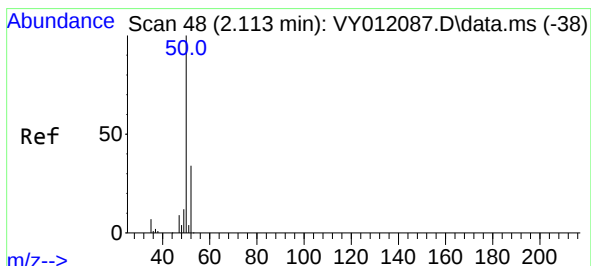
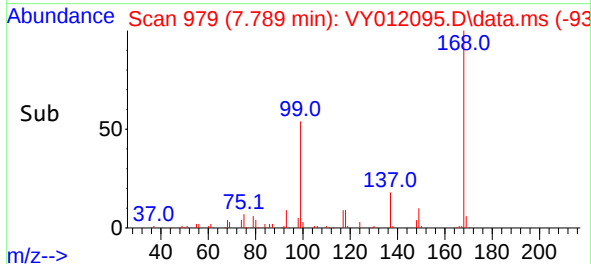
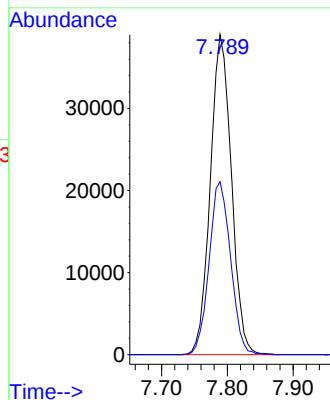
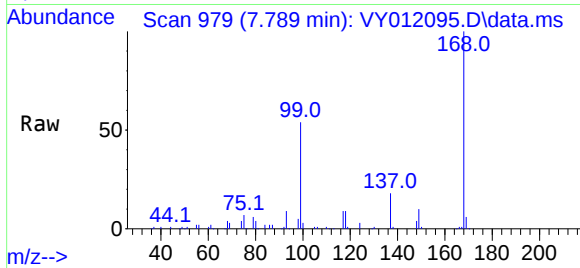




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

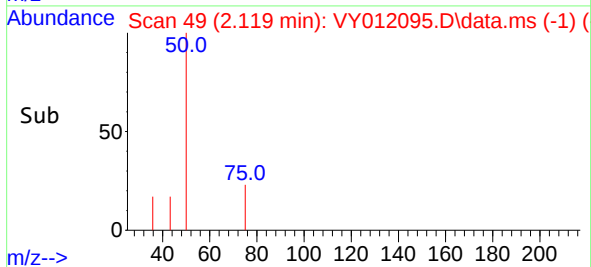
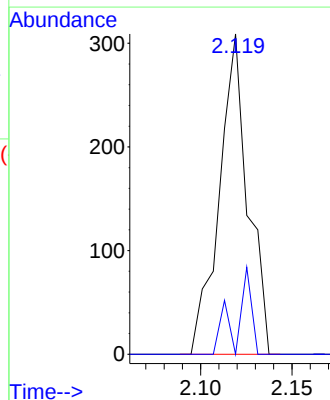
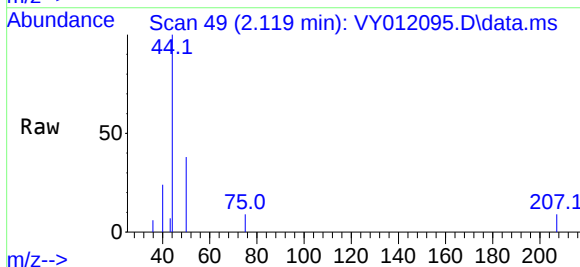
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1-1-4-2023RE

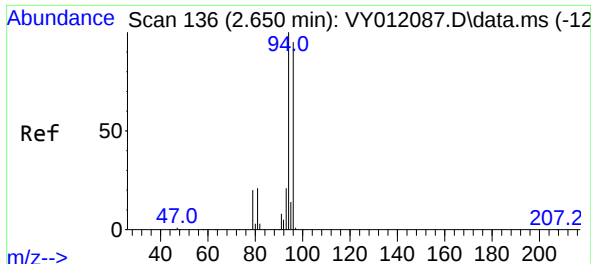
Tgt Ion:168 Resp: 87059
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

Tgt Ion: 50 Resp: 338
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

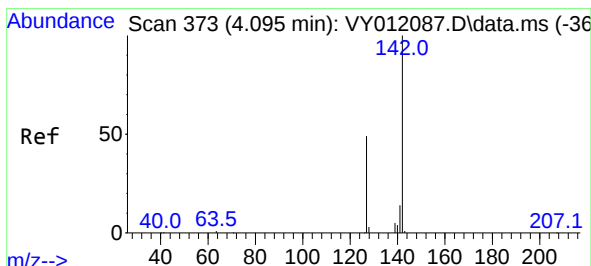
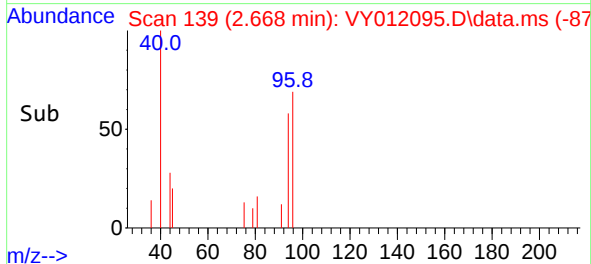
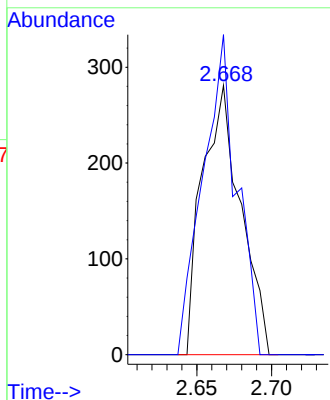
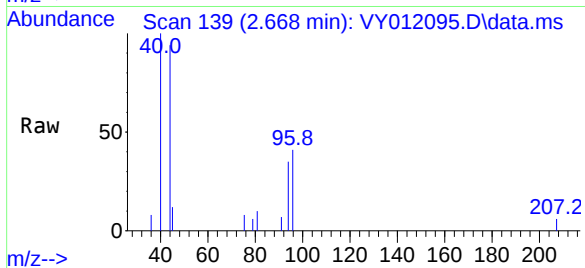




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

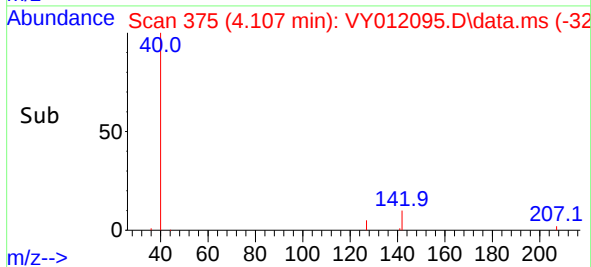
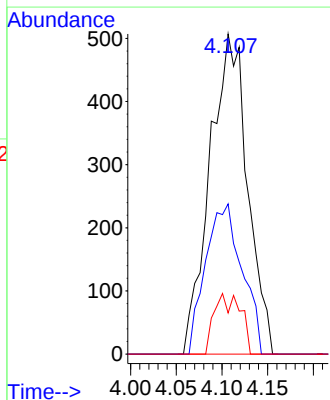
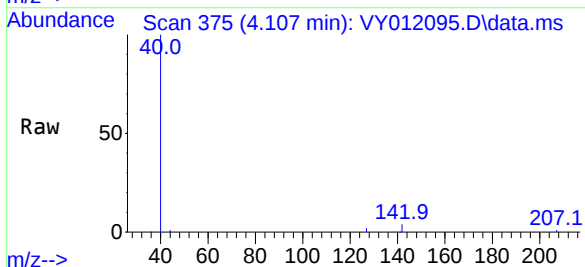
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1-1-4-2023RE

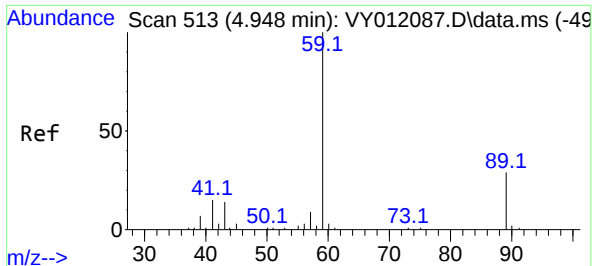
Tgt Ion: 94 Resp: 502
Ion Ratio Lower Upper
94 100
96 118.9 77.4 116.2#



#10
Methyl Iodide
Concen: 1.236 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

Tgt Ion:142 Resp: 1454
Ion Ratio Lower Upper
142 100
127 45.5 37.0 55.4
141 13.2 11.4 17.0

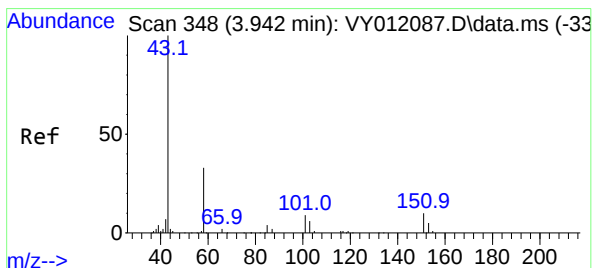
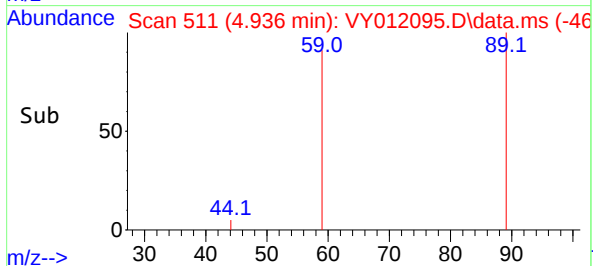
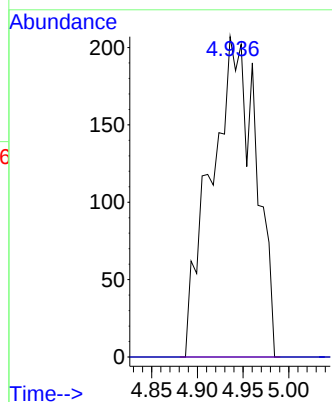
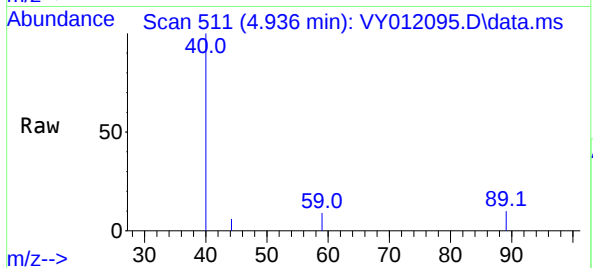




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

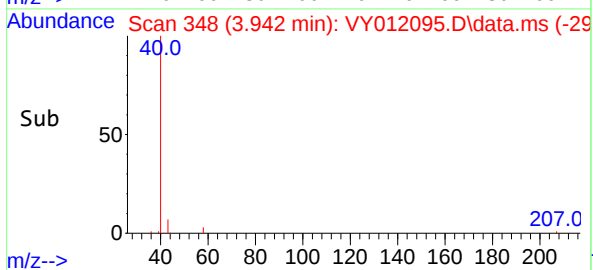
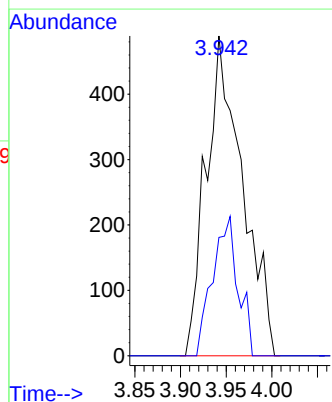
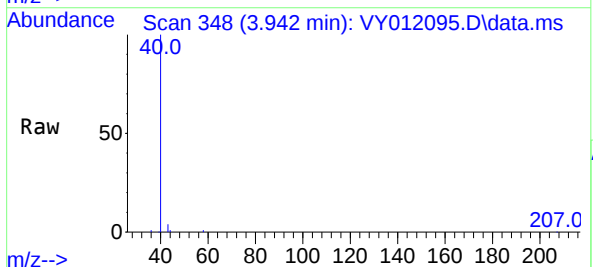
Instrument : MSVOA_Y
ClientSampleId : VY012095.D
COMP-1-1-4-2023RE

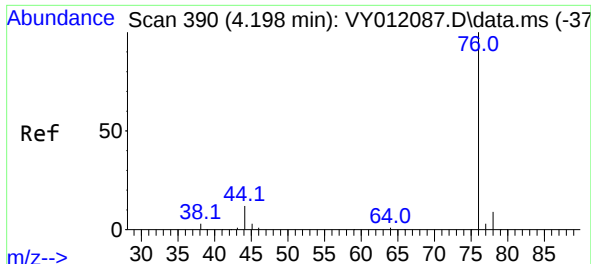
Tgt Ion: 59 Resp: 705
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 5.875 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

Tgt Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
58 37.0 27.9 41.9

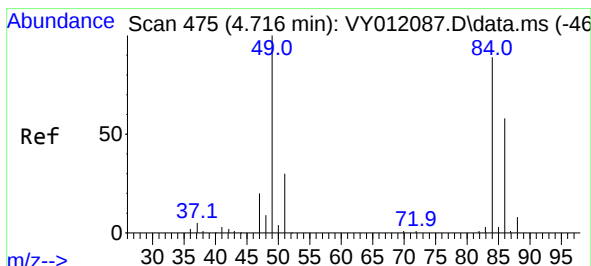
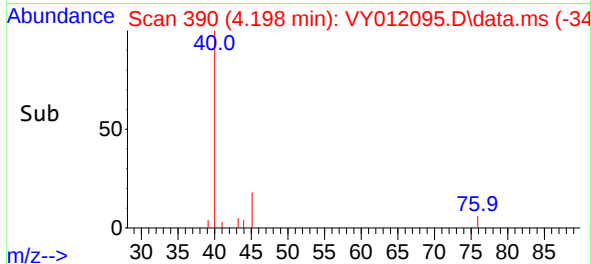
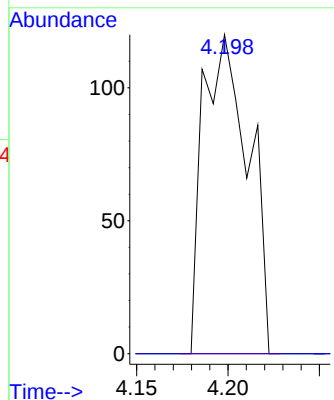
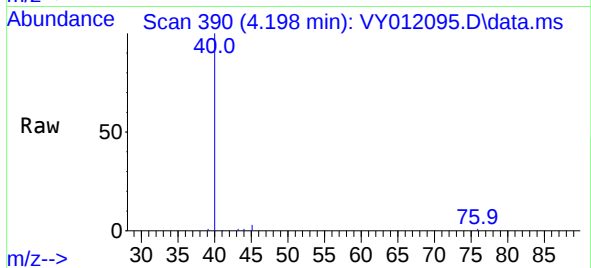




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

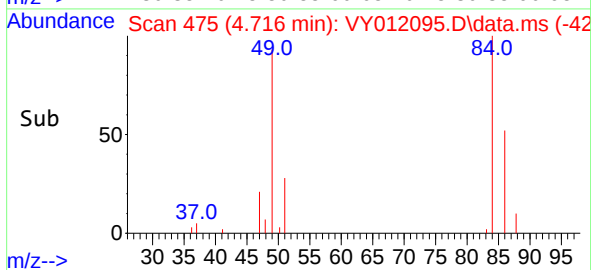
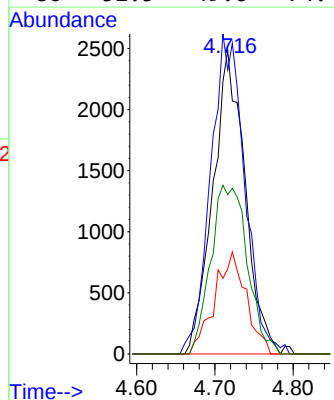
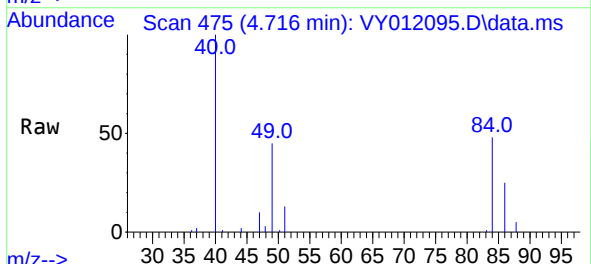
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1-1-4-2023RE

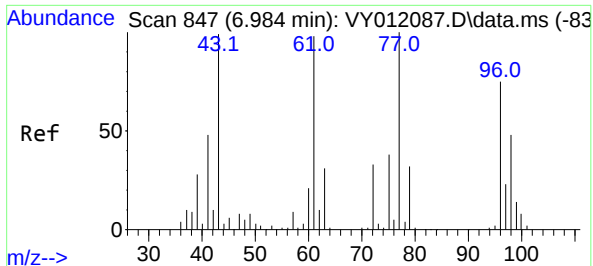
Tgt Ion: 76 Resp: 208
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.565 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

Tgt Ion: 84 Resp: 7099
Ion Ratio Lower Upper
84 100
49 93.5 95.4 143.2#
51 28.0 29.9 44.9#
86 52.5 49.6 74.4





#25

2-Butanone

Concen: 2.411 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY012095.D

Acq: 06 Jan 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

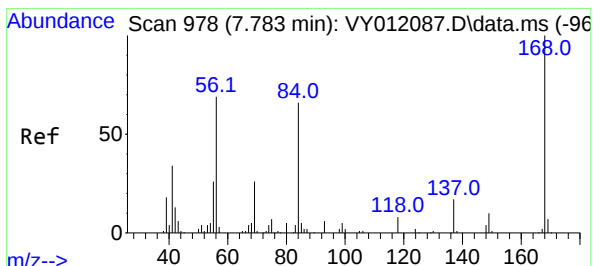
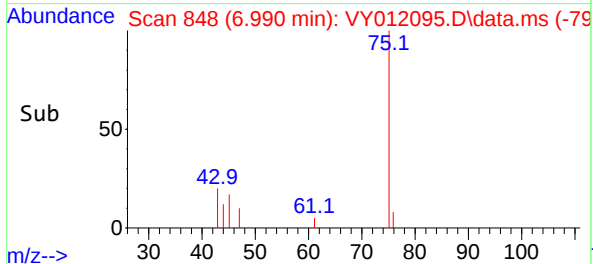
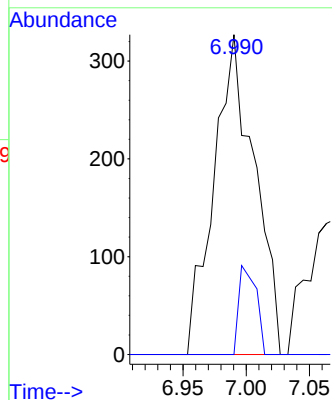
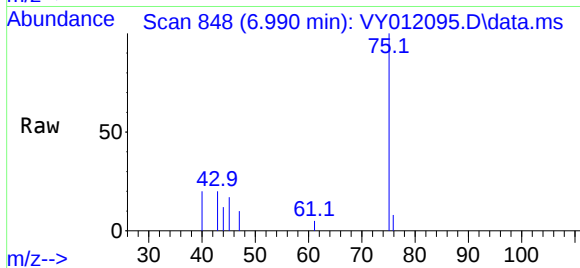
COMP-1-1-4-2023RE

Tgt Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: Below Cal

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY012095.D

Acq: 06 Jan 2023 16:38

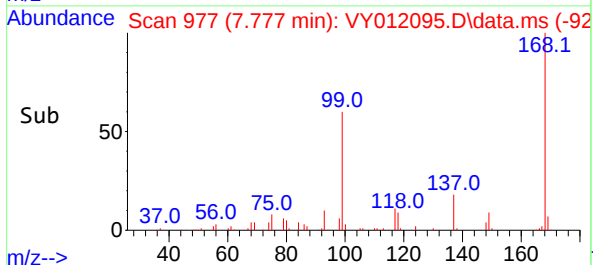
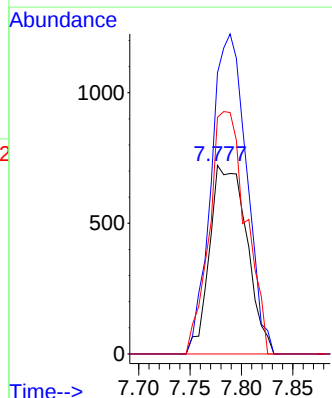
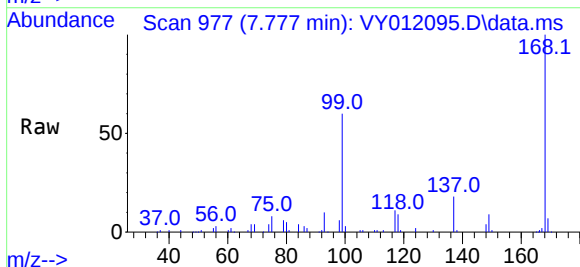
Tgt Ion: 56 Resp: 1811

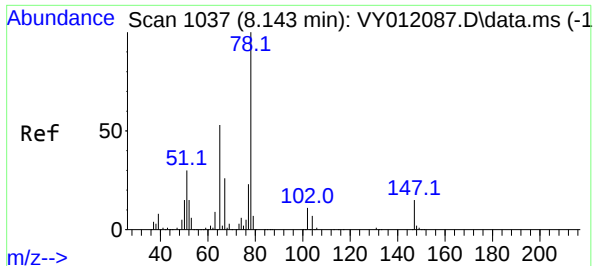
Ion Ratio Lower Upper

56 100

69 149.0 29.2 43.8#

84 125.5 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 58.692 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012095.D

Acq: 06 Jan 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

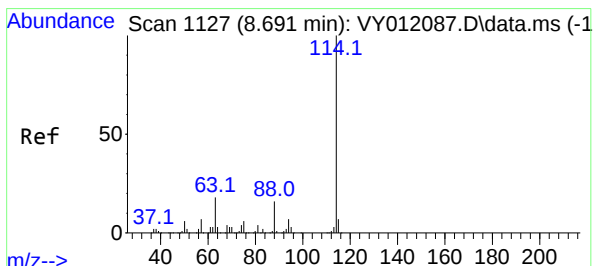
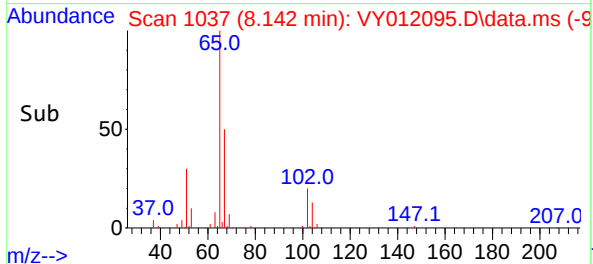
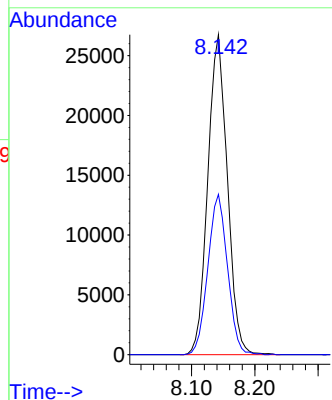
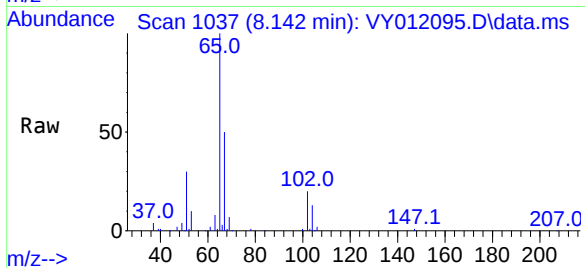
COMP-1-1-4-2023RE

Tgt Ion: 65 Resp: 57415

Ion Ratio Lower Upper

65 100

67 50.3 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: VY012095.D

Acq: 06 Jan 2023 16:38

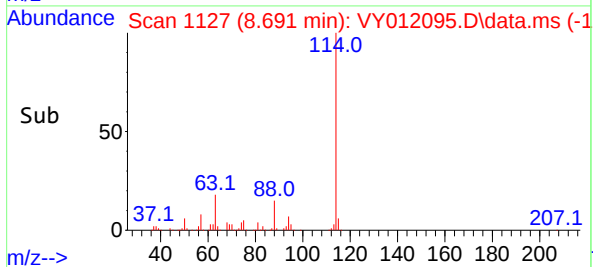
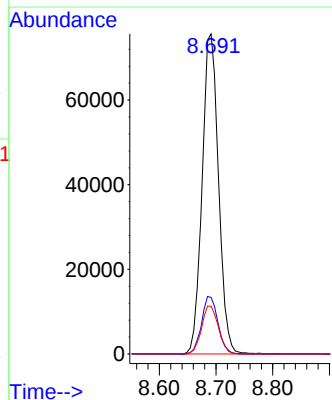
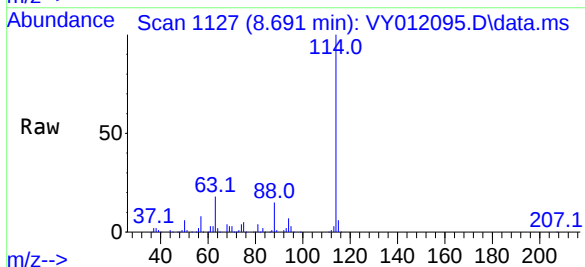
Tgt Ion:114 Resp: 151761

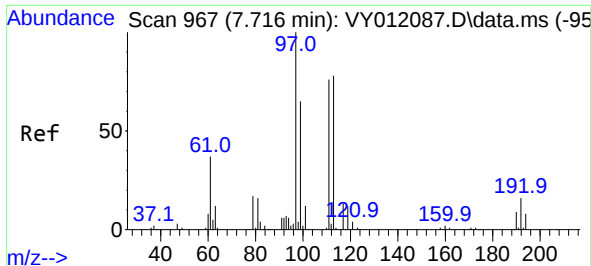
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.9 0.0 32.2



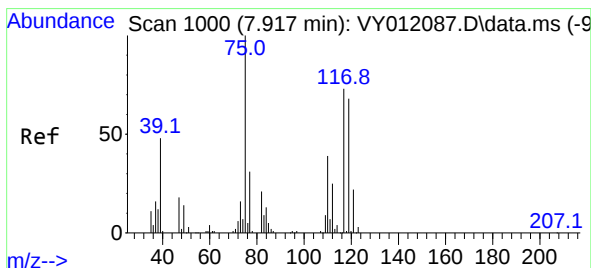
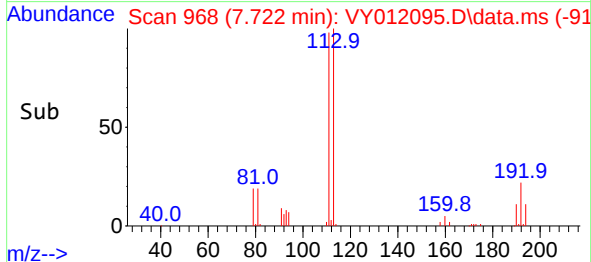
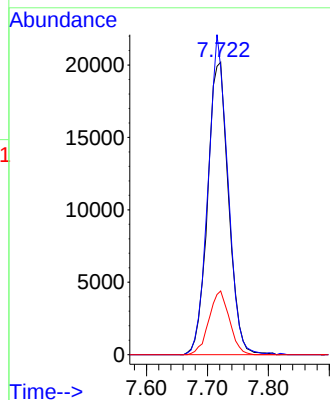
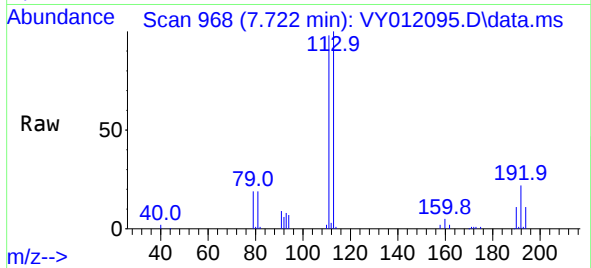


#35
 Dibromofluoromethane
 Concen: 48.533 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY012095.D
 Acq: 06 Jan 2023 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1-1-4-2023RE

Tgt Ion: 113 Resp: 48412

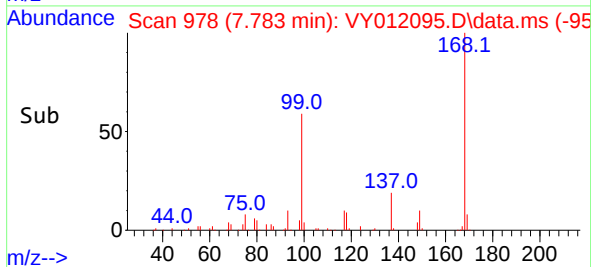
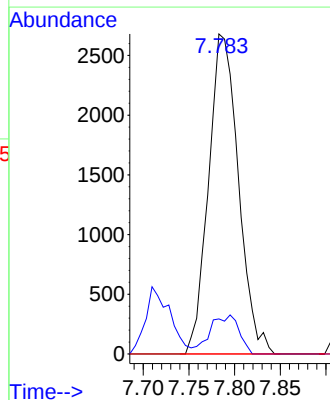
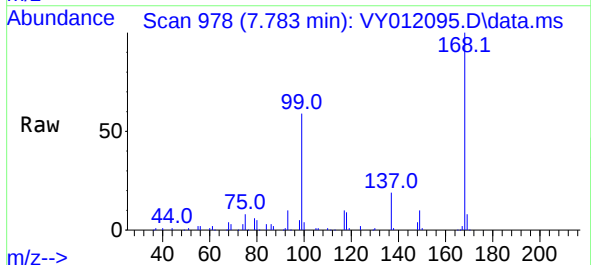
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	21.2	16.0	24.0

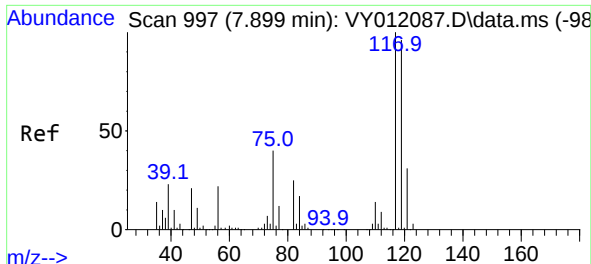


#36
 1,1-Dichloropropene
 Concen: 4.029 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.134 min
 Lab File: VY012095.D
 Acq: 06 Jan 2023 16:38

Tgt Ion: 75 Resp: 6098

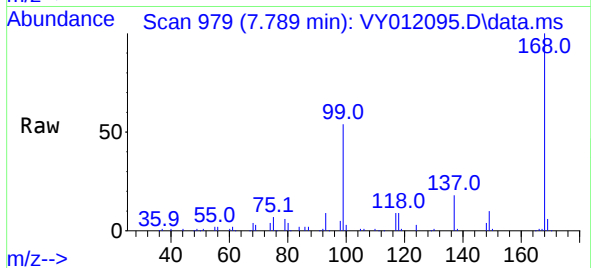
Ion	Ratio	Lower	Upper
75	100		
110	11.8	18.1	54.1#
77	0.0	25.1	37.7#



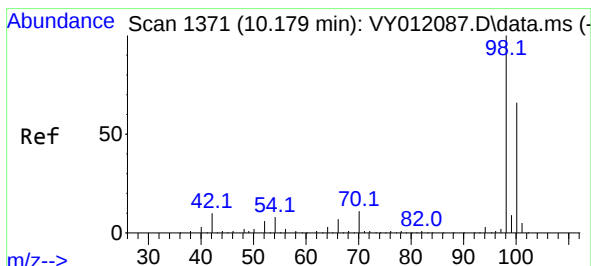
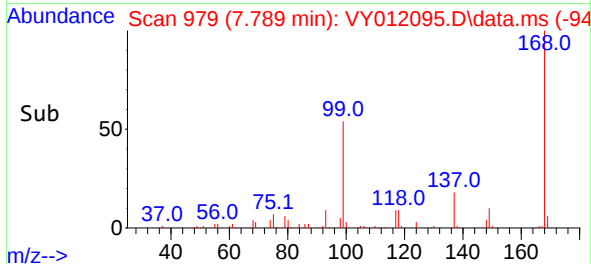
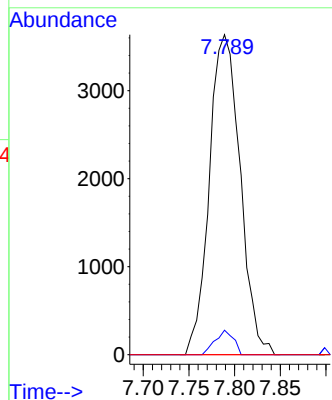


#38
Carbon Tetrachloride
Concen: 4.440 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1-1-4-2023RE

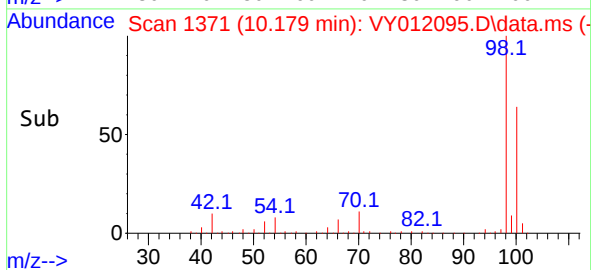
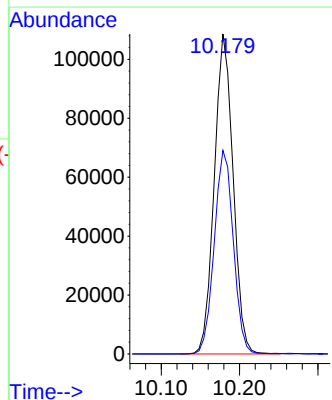
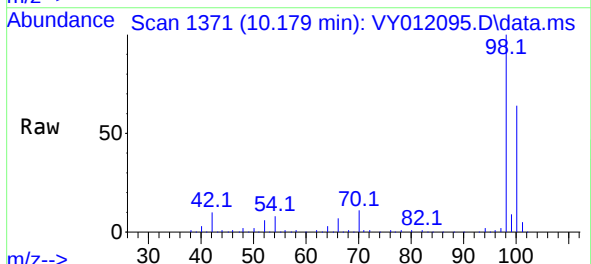


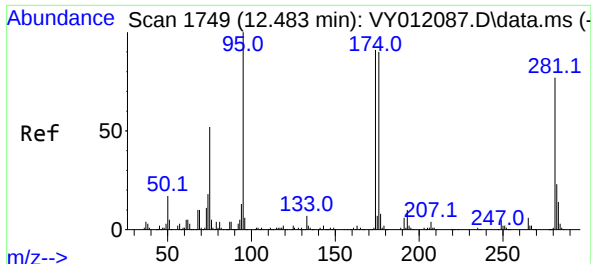
Tgt Ion:117 Resp: 8528
Ion Ratio Lower Upper
117 100
119 7.6 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 46.063 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

Tgt Ion: 98 Resp: 181356
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

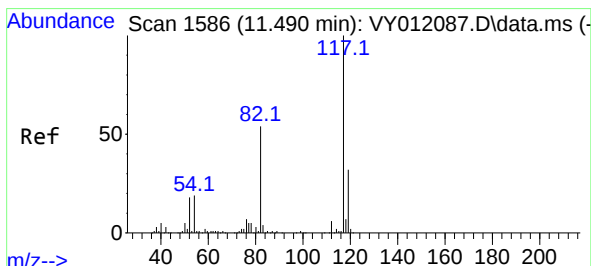
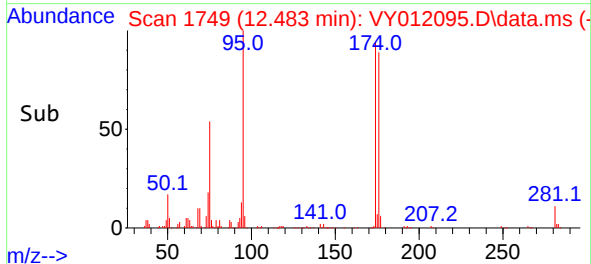
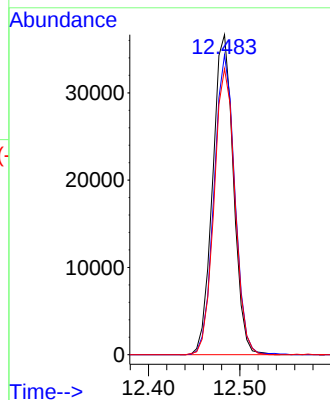
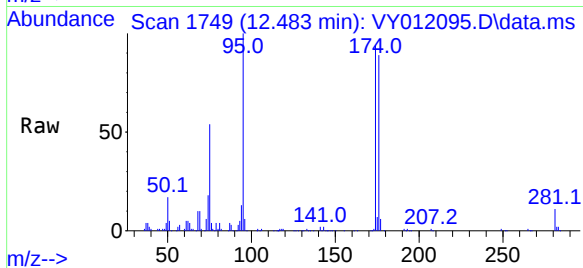




#62
4-Bromofluorobenzene
Concen: 41.997 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

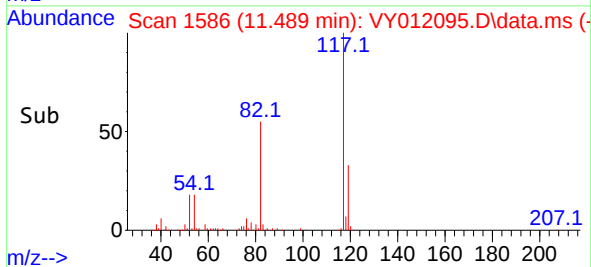
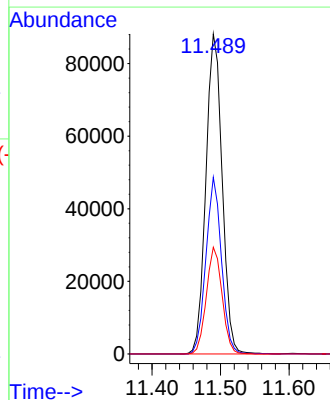
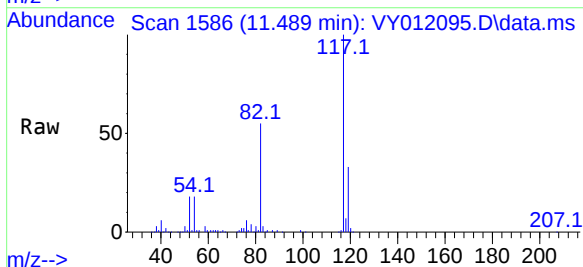
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1-1-4-2023RE

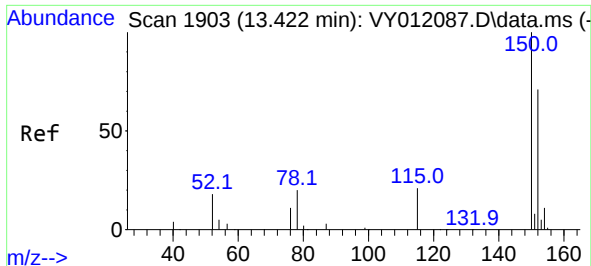
Tgt Ion:	95	Resp:	57796
Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	172.0
176	89.6	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

Tgt Ion:	117	Resp:	145760
Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.8	67.2
119	33.3	25.4	38.2

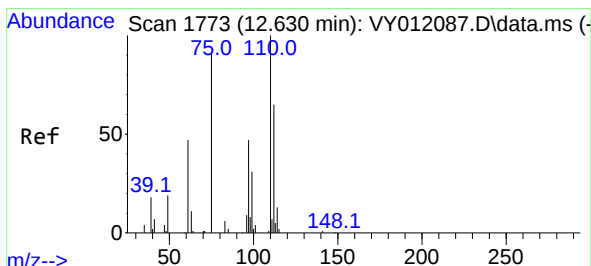
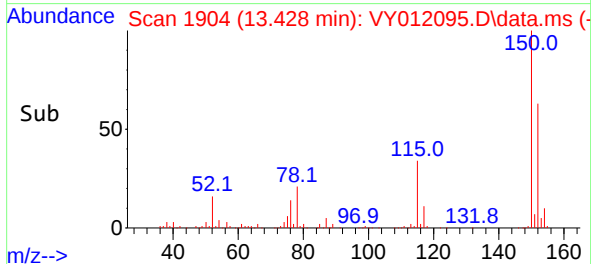
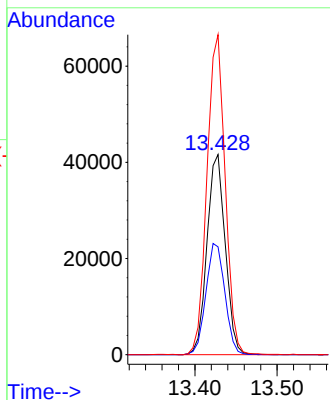
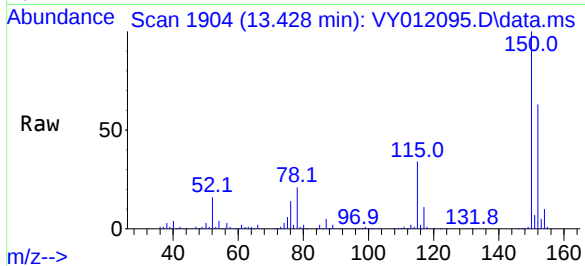




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

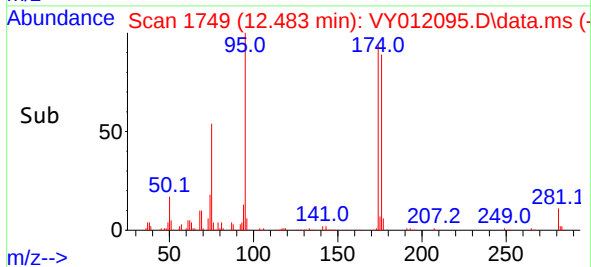
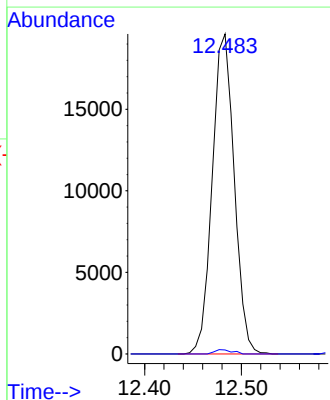
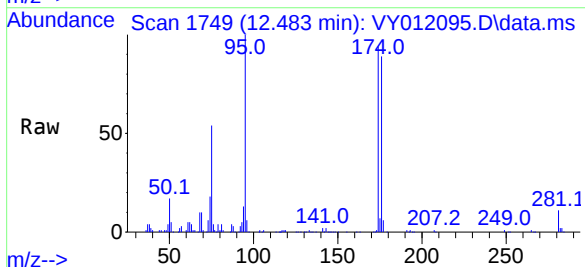
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1-1-4-2023RE

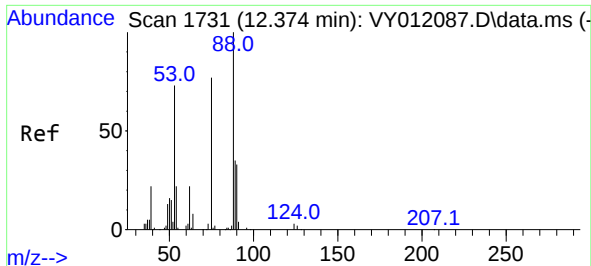
Tgt Ion:152 Resp: 64240
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 159.3 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 42.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

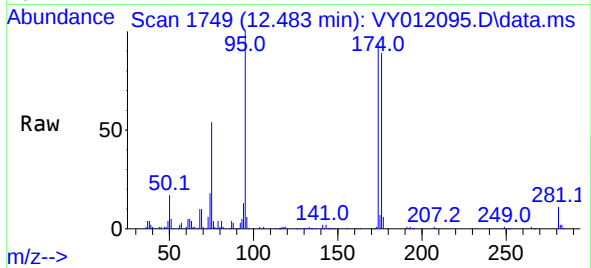
Tgt Ion: 75 Resp: 30906
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.576 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012095.D
 Acq: 06 Jan 2023 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1-1-4-2023RE



Tgt Ion: 75 Resp: 30906
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.2 37.0 55.4#

