

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012345.D
 Acq On : 24 Jan 2023 16:25
 Operator : KP/MD
 Sample : 01260-19
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:32:35 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	160642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	263768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123738	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97282	75.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.060%
35) Dibromofluoromethane	7.716	113	79084	54.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.540%
50) Toluene-d8	10.179	98	329672	67.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	134.800%
62) 4-Bromofluorobenzene	12.483	95	108631	53.367	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.740%

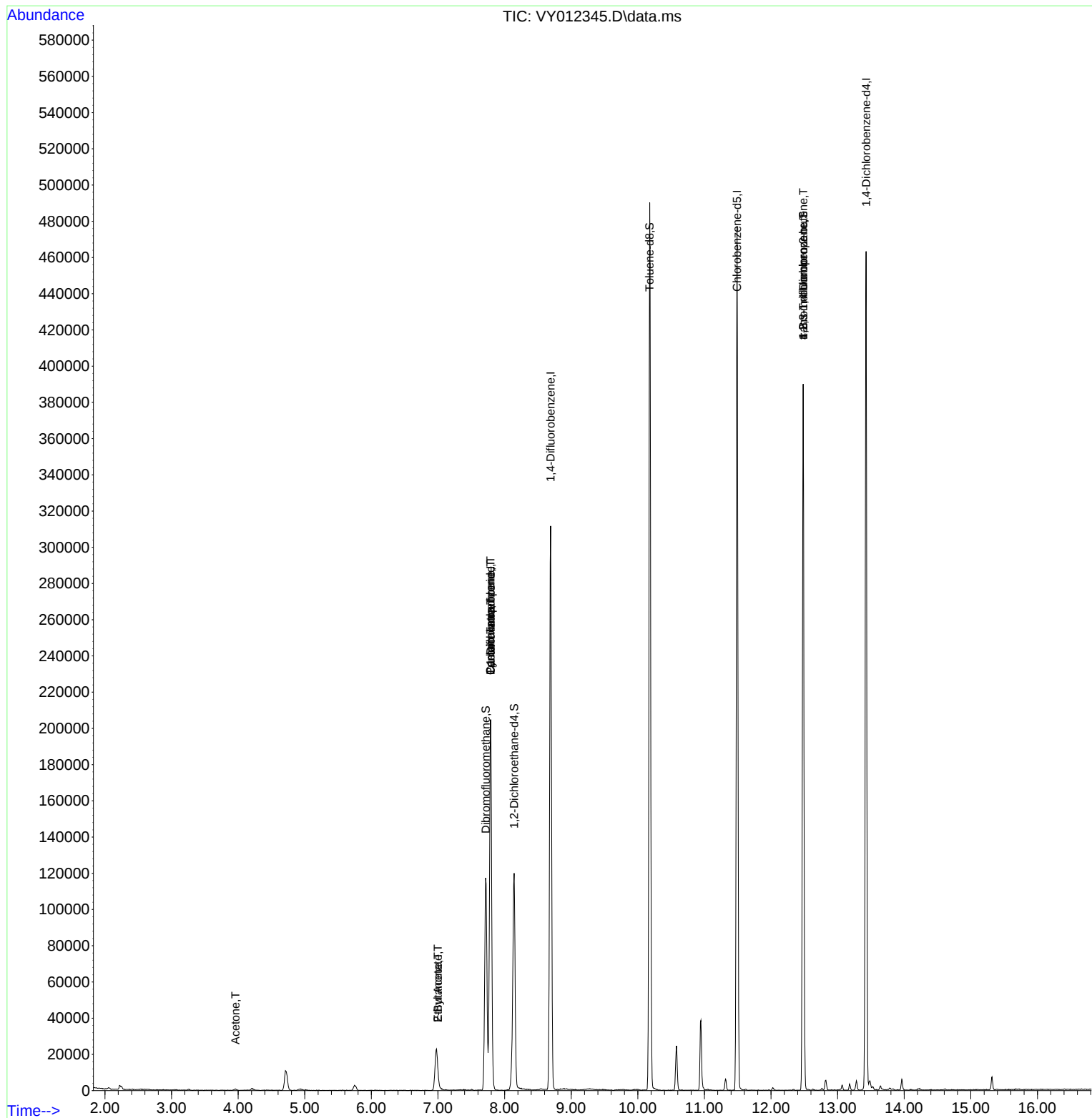
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	1029	Below Cal	#	74
16) Acetone	3.960	43	1458	3.259	ug/l #	77
20) Methylene Chloride	4.710	84	9381	Below Cal	#	82
25) 2-Butanone	6.996	43	4225	8.556	ug/l	93
31) Cyclohexane	7.789	56	2802	1.196	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11048	4.502	ug/l #	49
37) Ethyl Acetate	6.996	43	4225	3.905	ug/l #	72
38) Carbon Tetrachloride	7.789	117	15944	5.031	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	58826	51.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58826	106.526	ug/l #	13

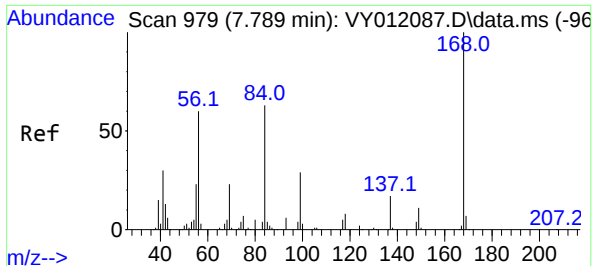
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
Data File : VY012345.D
Acq On : 24 Jan 2023 16:25
Operator : KP/MD
Sample : 01260-19
Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

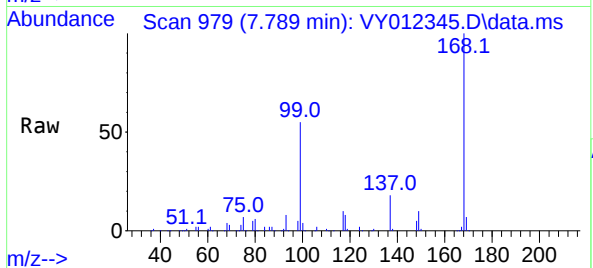
Quant Time: Jan 25 01:32:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration



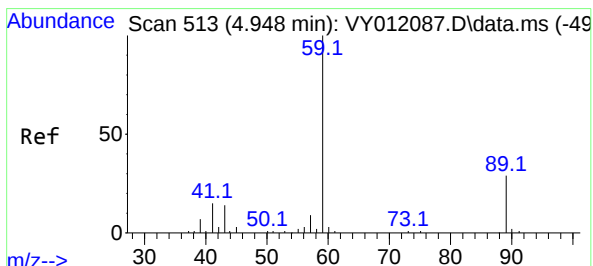
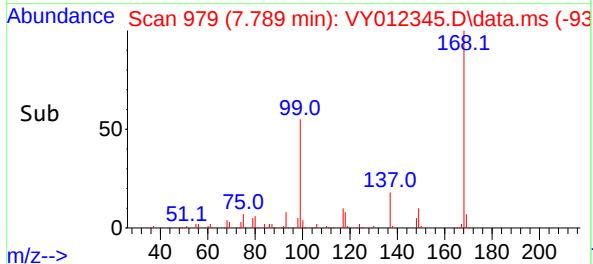
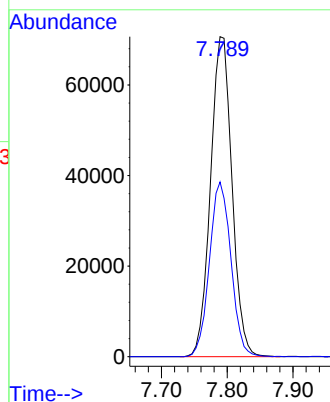


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Instrument :
MSVOA_Y
ClientSampleId :

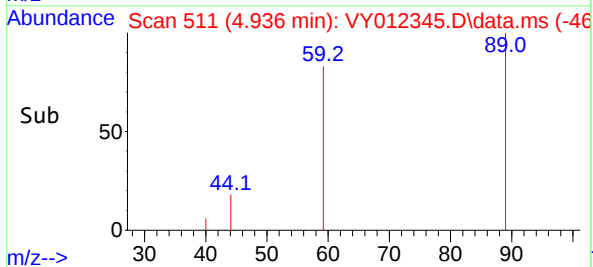
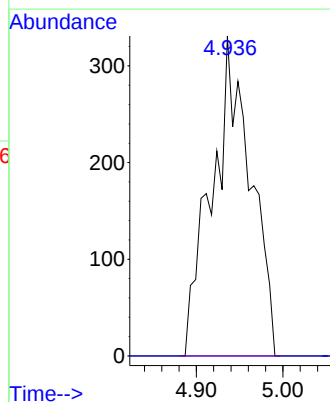
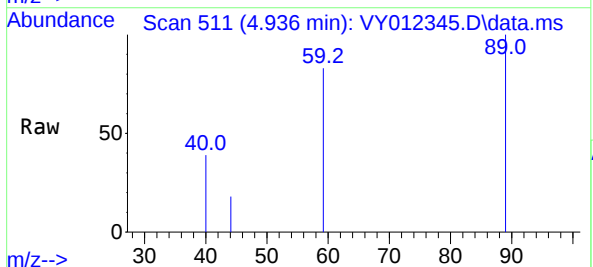


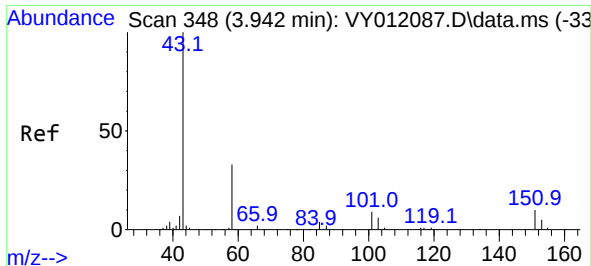
Tgt Ion:168 Resp: 160642
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Tgt Ion: 59 Resp: 1029
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

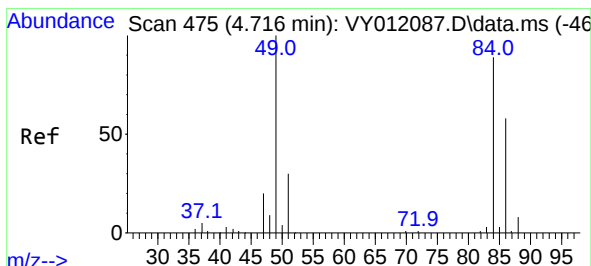
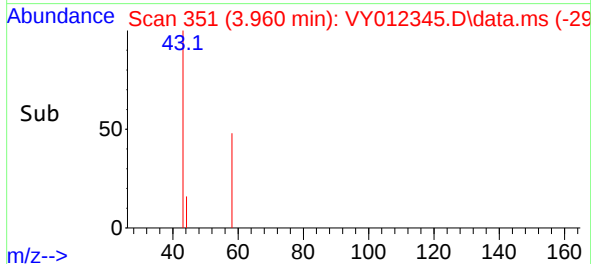
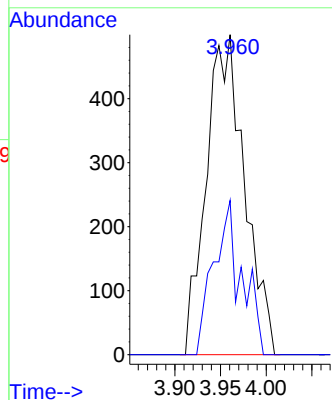
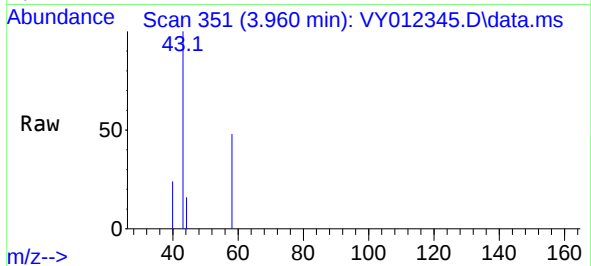




#16
Acetone
Concen: 3.259 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

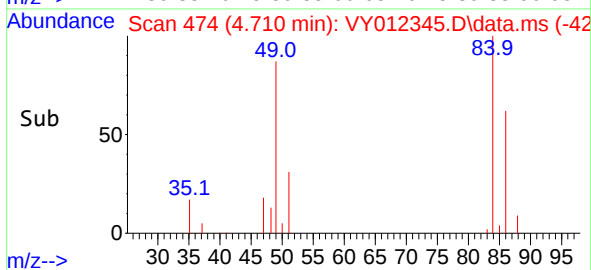
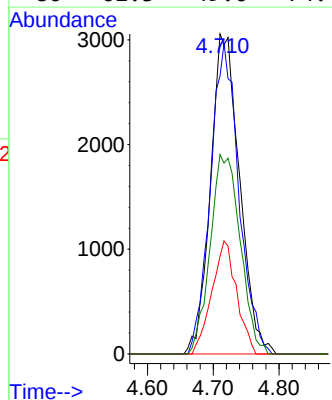
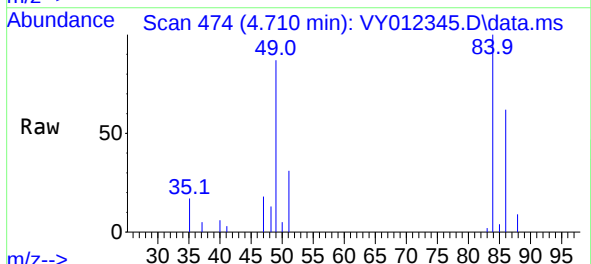
Instrument :
MSVOA_Y
ClientSampleId :

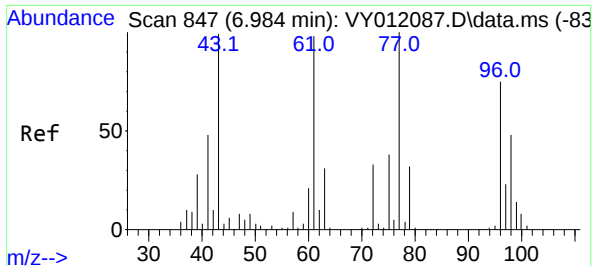
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
58 48.2 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Tgt Ion: 84 Resp: 9381
Ion Ratio Lower Upper
84 100
49 86.9 95.4 143.2#
51 30.6 29.9 44.9
86 62.3 49.6 74.4





#25

2-Butanone

Concen: 8.556 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY012345.D

Acq: 24 Jan 2023 16:25

Instrument :

MSVOA_Y

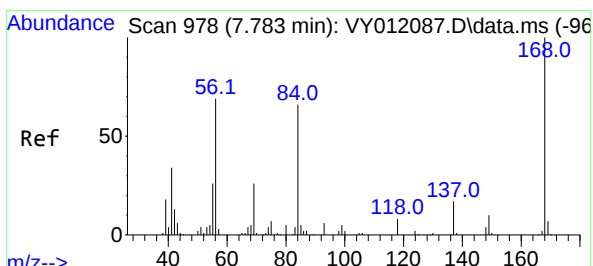
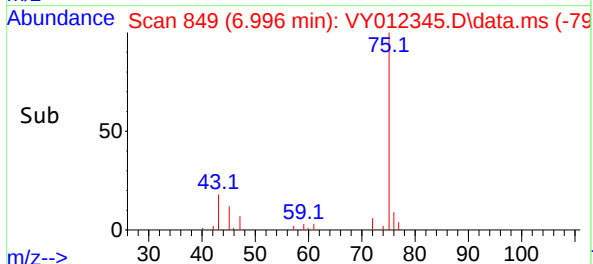
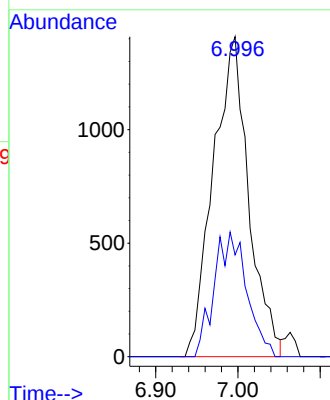
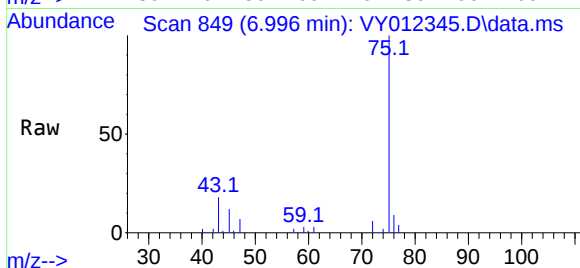
ClientSampleId :

Tgt Ion: 43 Resp: 4225

Ion Ratio Lower Upper

43 100

72 31.8 22.6 34.0



#31

Cyclohexane

Concen: 1.196 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012345.D

Acq: 24 Jan 2023 16:25

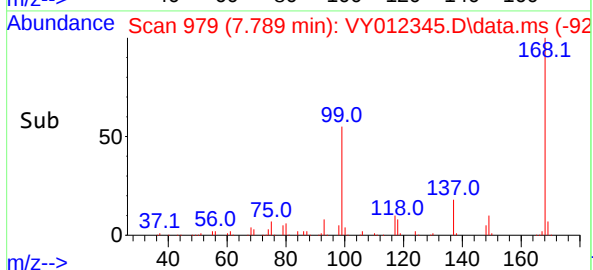
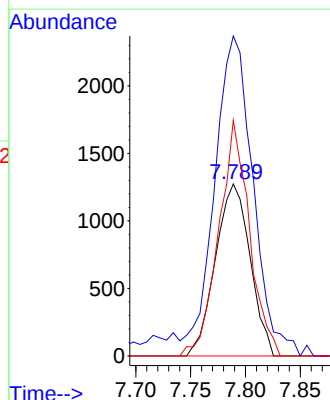
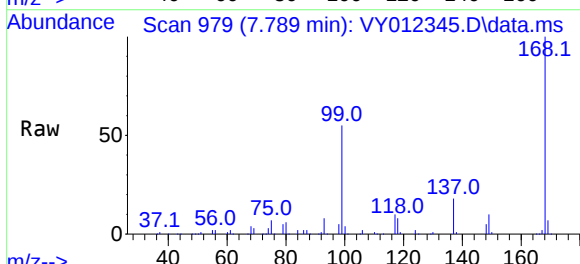
Tgt Ion: 56 Resp: 2802

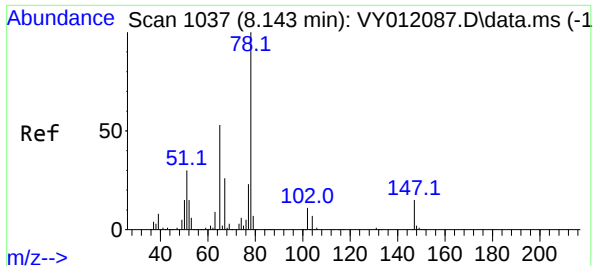
Ion Ratio Lower Upper

56 100

69 177.2 29.2 43.8#

84 137.0 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 75.028 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012345.D

Acq: 24 Jan 2023 16:25

Instrument :

MSVOA_Y

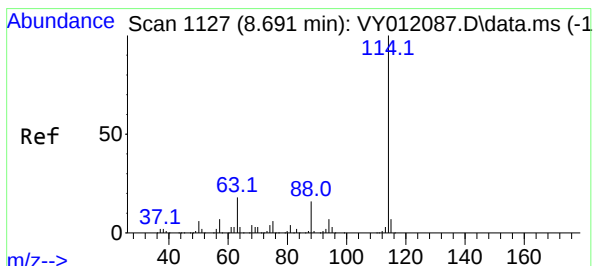
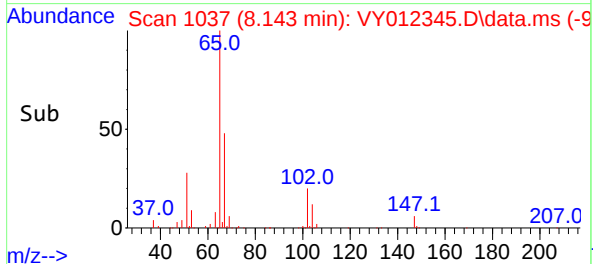
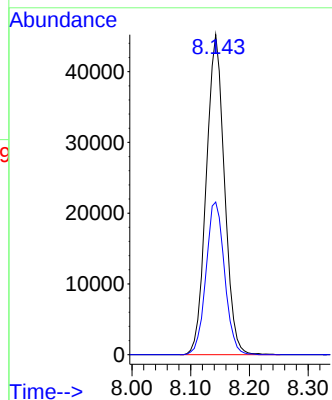
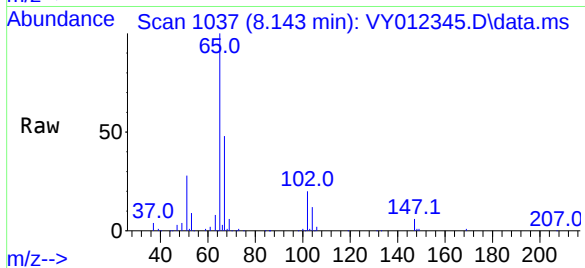
ClientSampleId :

Tgt Ion: 65 Resp: 97282

Ion Ratio Lower Upper

65 100

67 48.6 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: VY012345.D

Acq: 24 Jan 2023 16:25

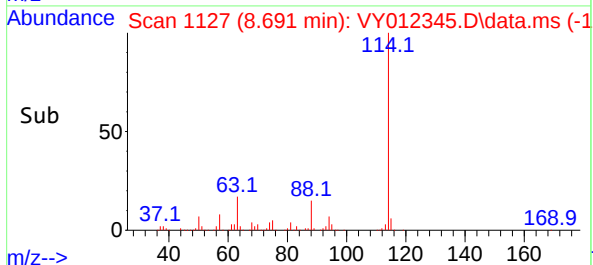
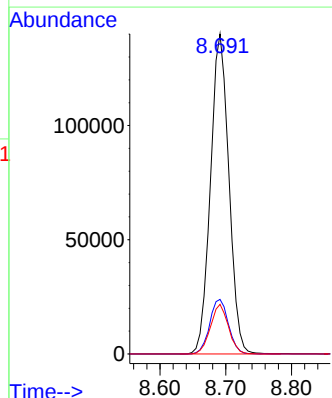
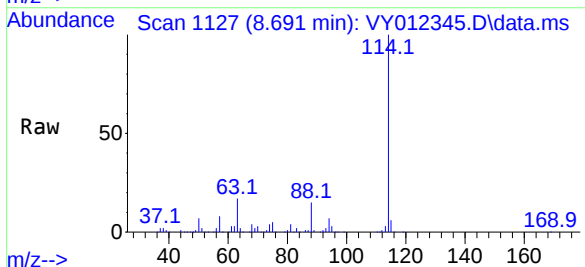
Tgt Ion: 114 Resp: 272702

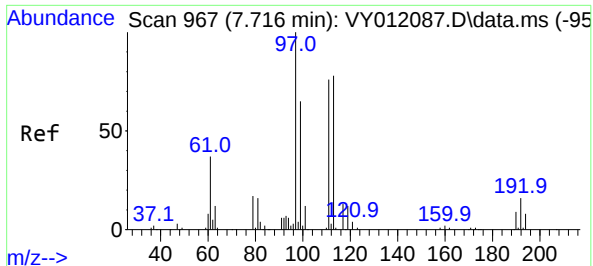
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

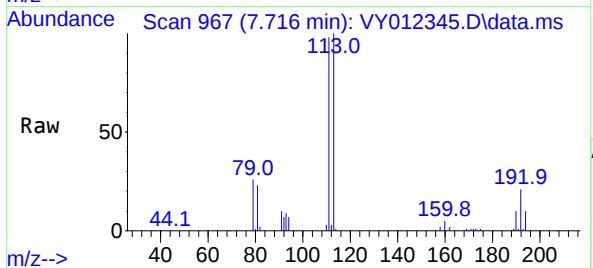
88 15.5 0.0 32.2



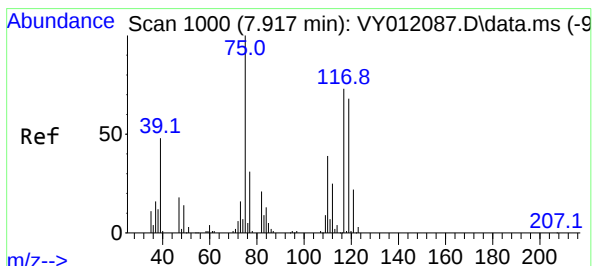
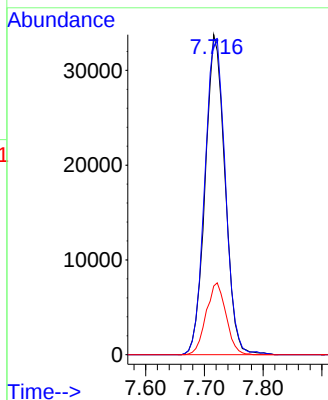
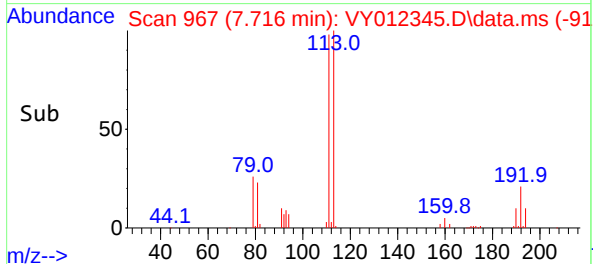


#35
Dibromofluoromethane
Concen: 54.769 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

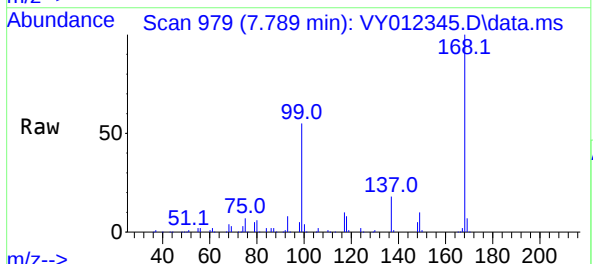
Instrument :
MSVOA_Y
ClientSampleId :



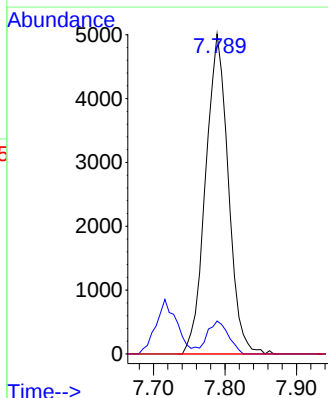
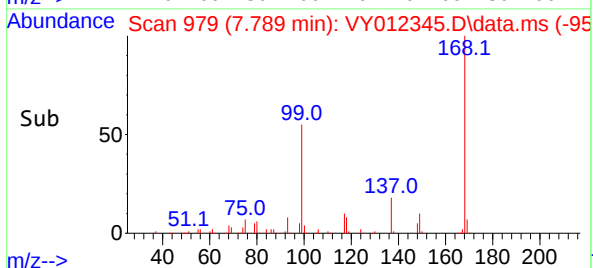
Tgt Ion:113 Resp: 79084
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 22.5 16.0 24.0

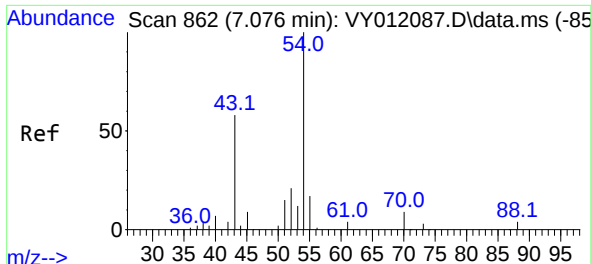


#36
1,1-Dichloropropene
Concen: 4.502 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25



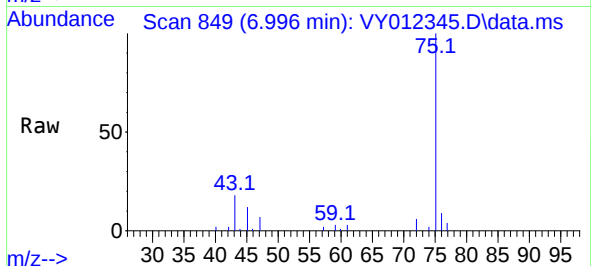
Tgt Ion: 75 Resp: 11048
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.1#
77 0.0 25.1 37.7#



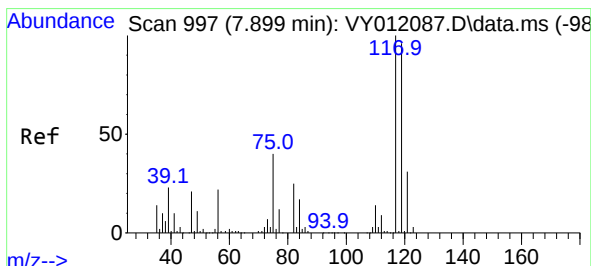
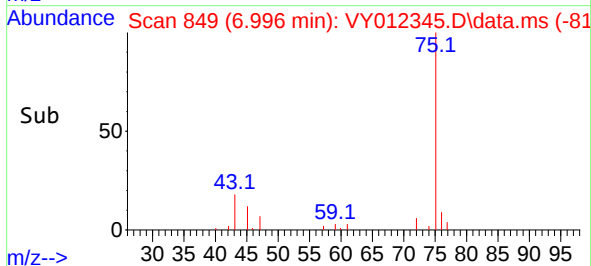
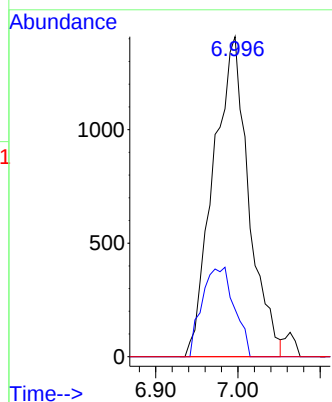


#37
Ethyl Acetate
Concen: 3.905 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.080 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Instrument :
MSVOA_Y
ClientSampleId :

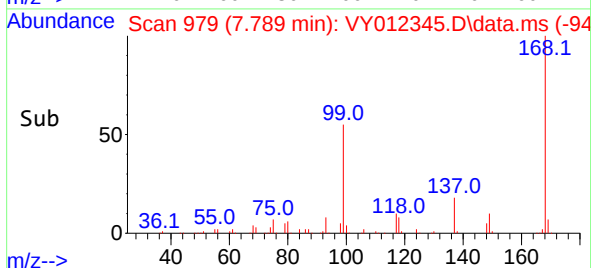
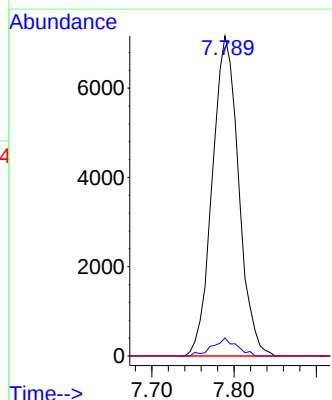
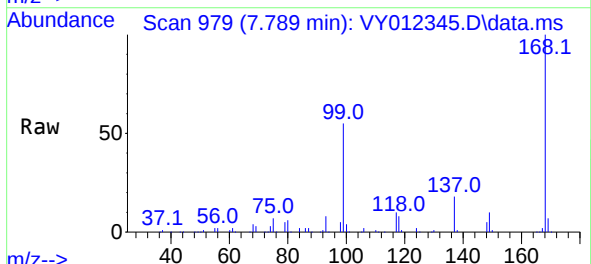


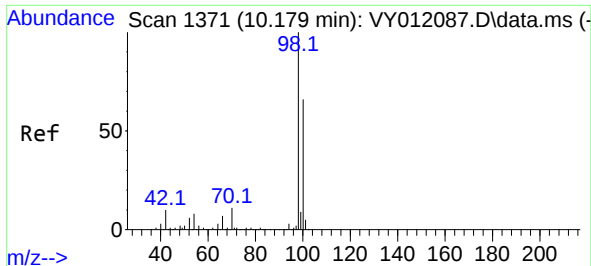
Tgt Ion: 43 Resp: 4225
Ion Ratio Lower Upper
43 100
61 25.3 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 5.031 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Tgt Ion: 117 Resp: 15944
Ion Ratio Lower Upper
117 100
119 5.6 73.8 110.8#
121 0.0 25.2 37.8#

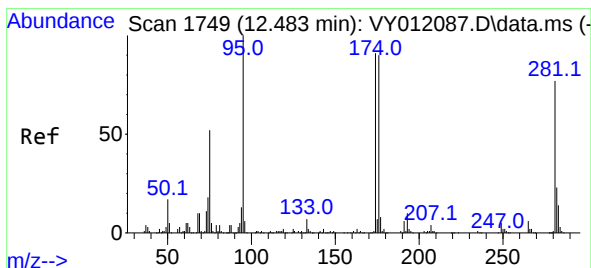
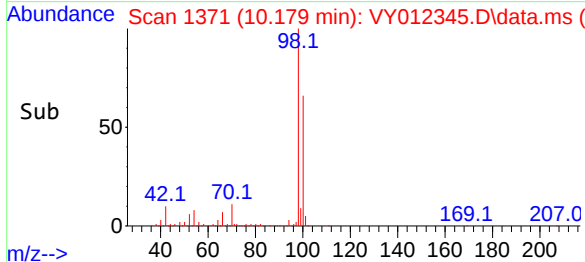
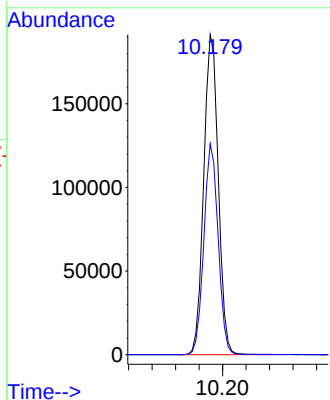
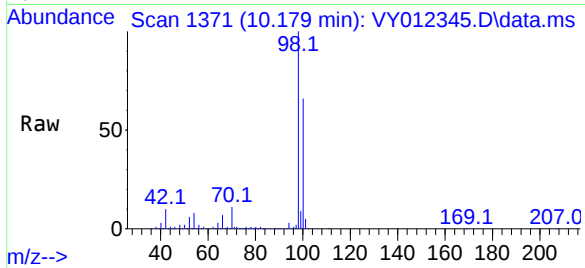




#50
Toluene-d8
Concen: 67.402 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

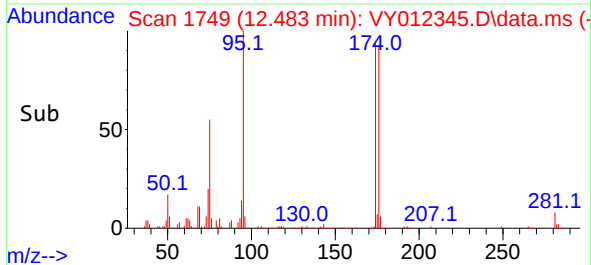
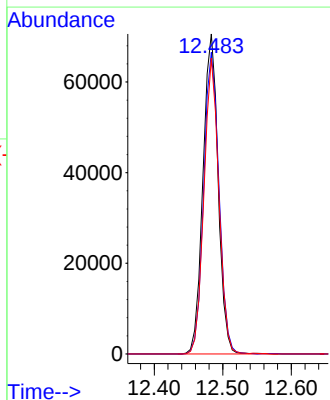
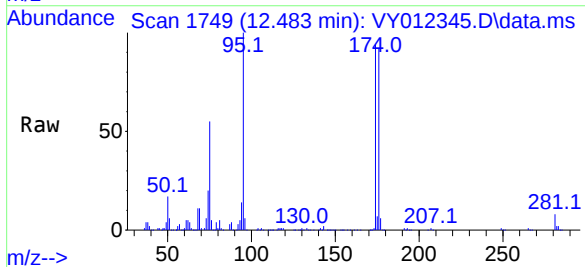
Instrument :
MSVOA_Y
ClientSampleId :

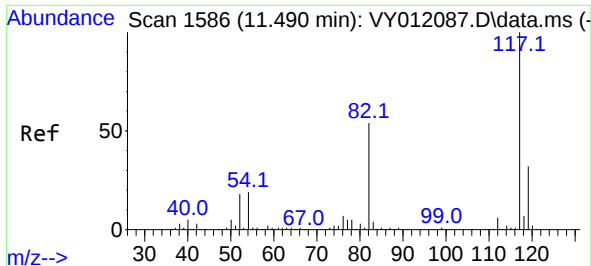
Tgt Ion: 98 Resp: 329672
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.367 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Tgt Ion: 95 Resp: 108631
Ion Ratio Lower Upper
95 100
174 95.0 0.0 172.0
176 90.9 0.0 167.6

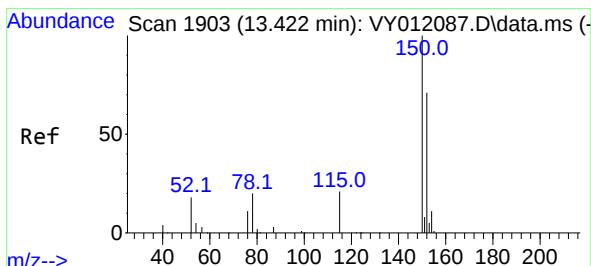
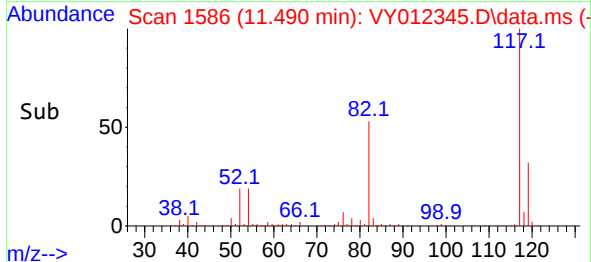
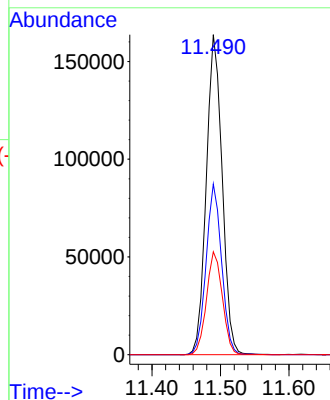
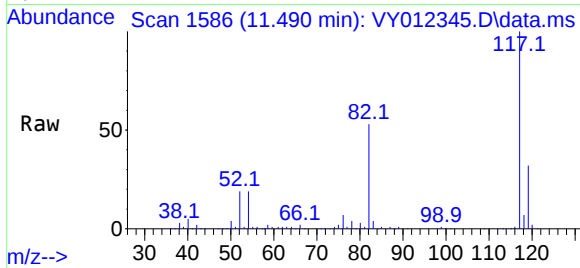




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

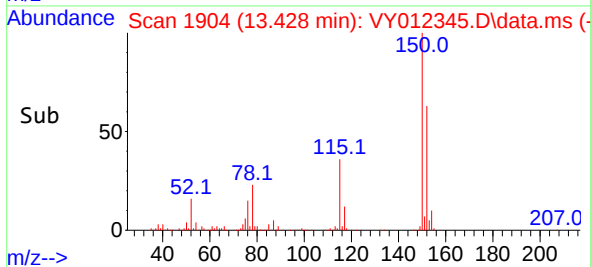
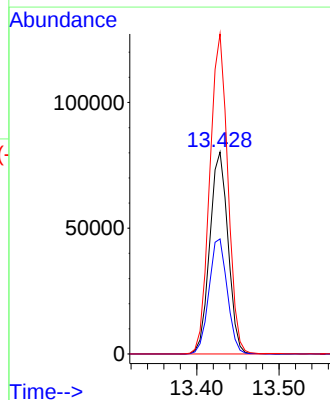
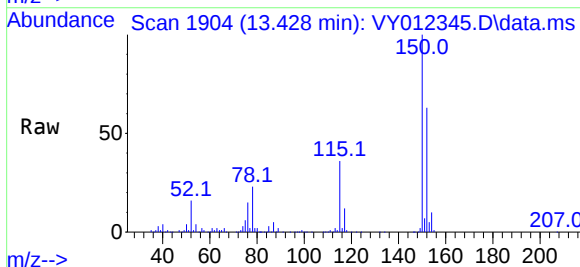
Instrument :
MSVOA_Y
ClientSampleId :

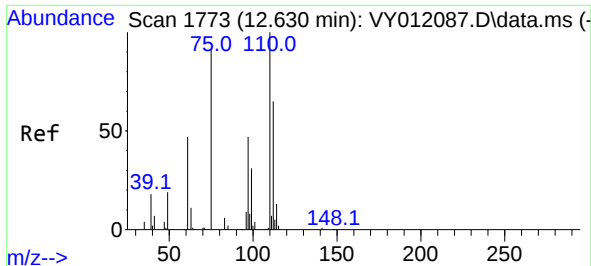
Tgt Ion:117 Resp: 263768
Ion Ratio Lower Upper
117 100
82 53.4 44.8 67.2
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Tgt Ion:152 Resp: 123738
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 156.8 0.0 342.6

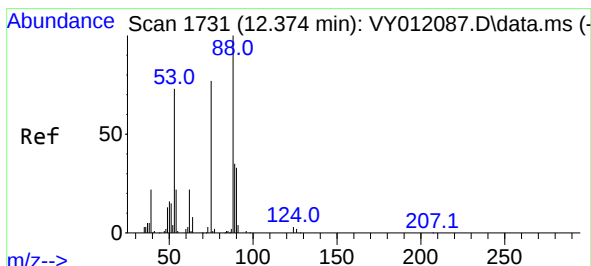
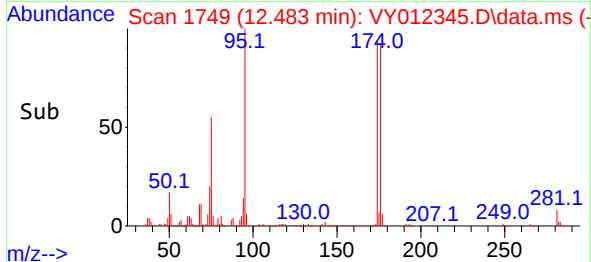
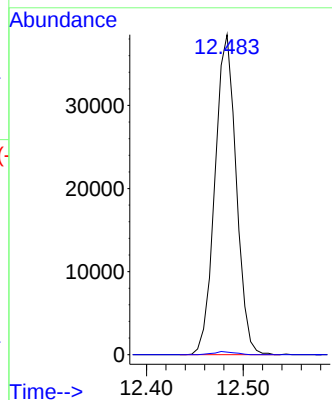
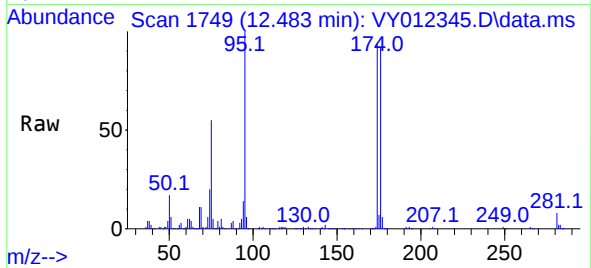




#76
1,2,3-Trichloropropane
Concen: 51.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58826
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.526 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Tgt Ion: 75 Resp: 58826
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.1 37.0 55.4#

