

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
 Data File : VY013814.D
 Acq On : 19 May 2023 12:29
 Operator : KP/MD
 Sample : VY0519SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBL01

Quant Time: May 22 04:09:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

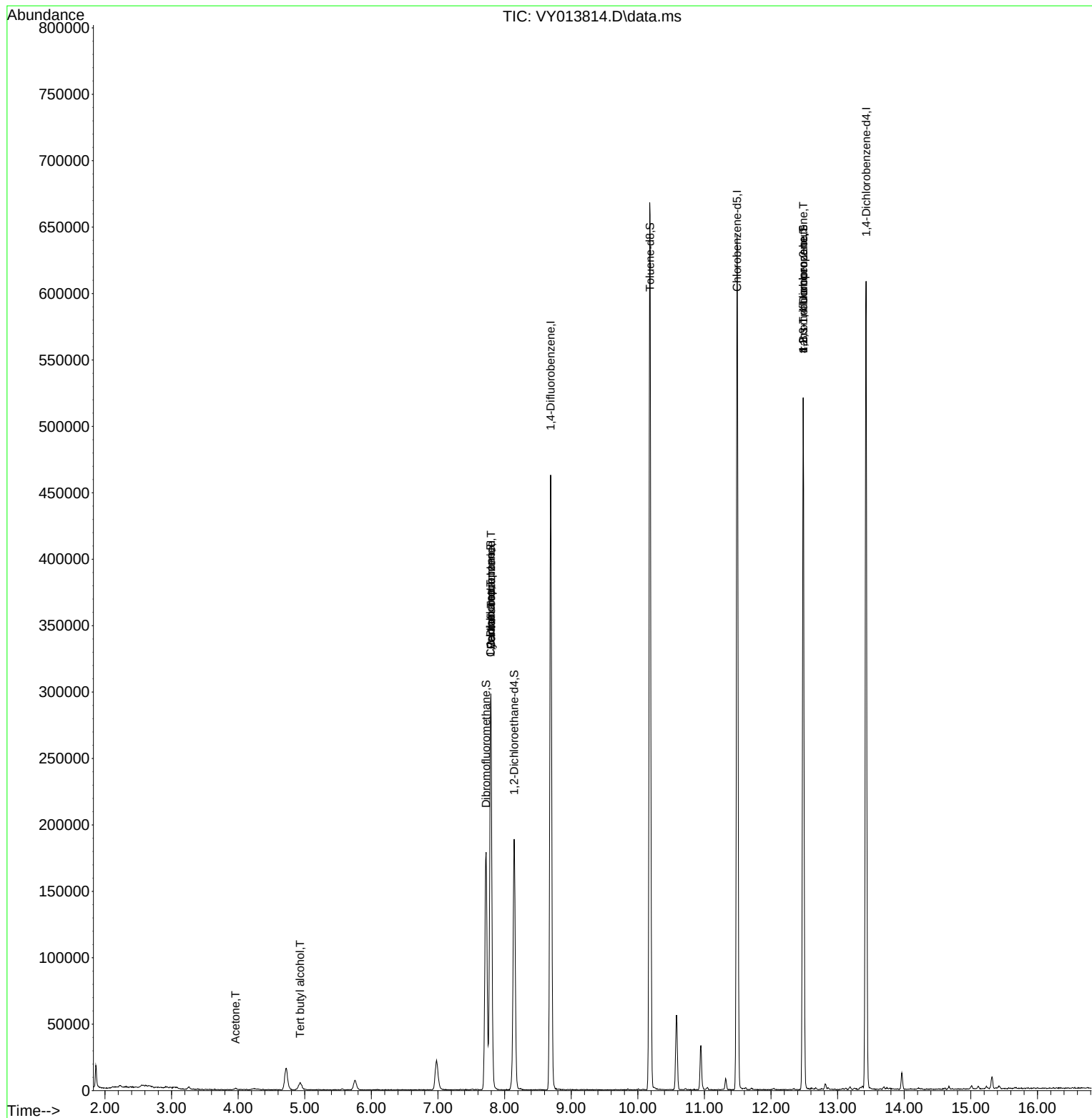
Internal Standards						
1) Pentafluorobenzene	7.795	168	232891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151347	55.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.880%	
35) Dibromofluoromethane	7.722	113	124283	51.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.185	98	434688	47.093	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.180%	
62) 4-Bromofluorobenzene	12.483	95	138462	45.162	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.320%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	5448	24.858	ug/l #	73
16) Acetone	3.960	43	1506	1.845	ug/l #	85
20) Methylene Chloride	4.722	84	11730	Below Cal		95
31) Cyclohexane	7.789	56	5593	1.442	ug/l #	38
36) 1,1-Dichloropropene	7.789	75	16993	5.051	ug/l #	52
38) Carbon Tetrachloride	7.795	117	23390	6.591	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	76206	40.349	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76206	89.832	ug/l #	12

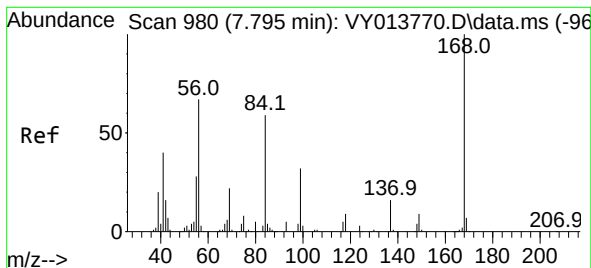
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
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MSVOA_Y
ClientSampleId :
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QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY013814.D

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Instrument :

MSVOA_Y

ClientSampleId :

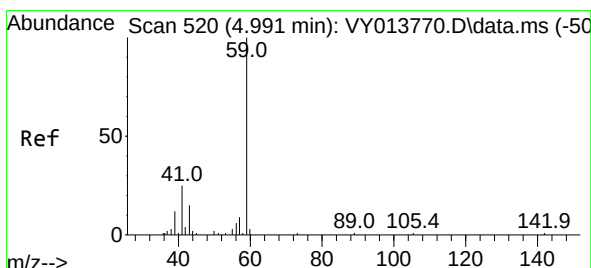
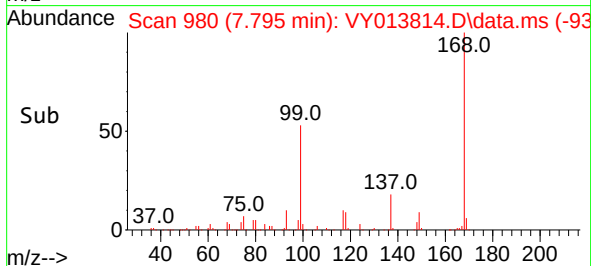
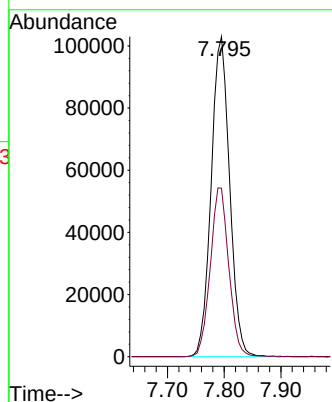
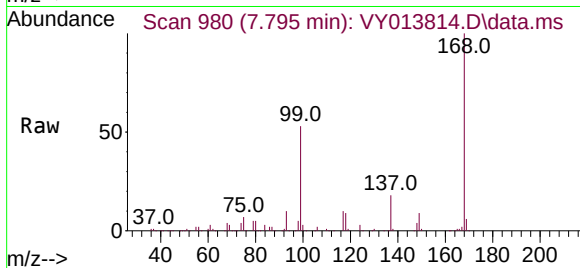
VY0519SBL01

Tgt Ion:168 Resp: 232891

Ion Ratio Lower Upper

168 100

99 52.6 44.0 66.0



#11

Tert butyl alcohol

Concen: 24.858 ug/l

RT: 4.930 min Scan# 510

Delta R.T. -0.061 min

Lab File: VY013814.D

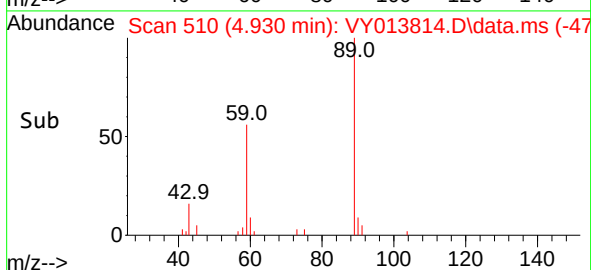
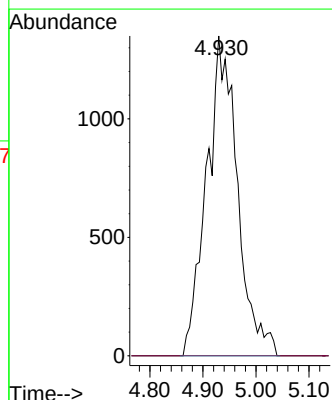
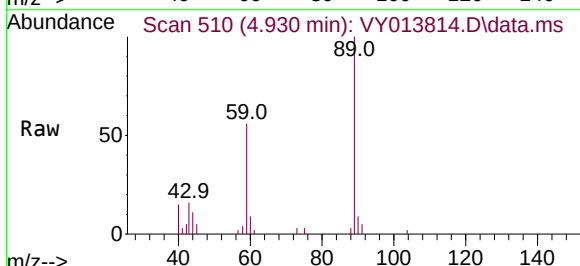
Acq: 19 May 2023 12:29

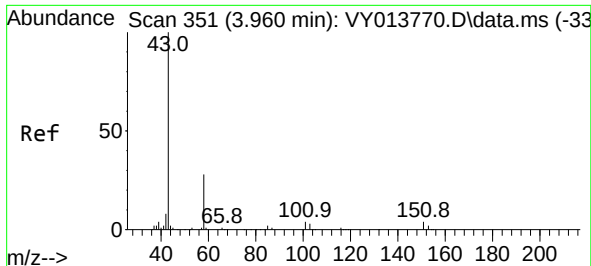
Tgt Ion: 59 Resp: 5448

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#





#16

Acetone

Concen: 1.845 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY013814.D

Acq: 19 May 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

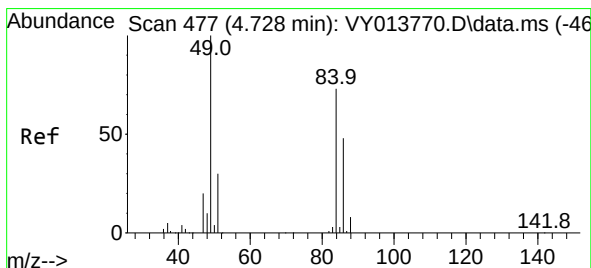
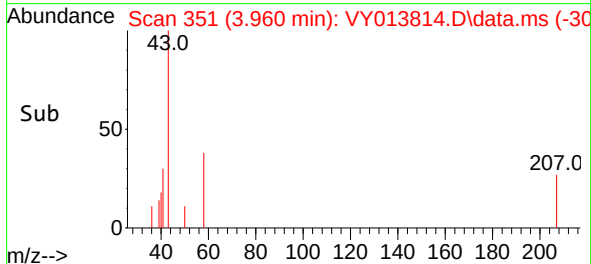
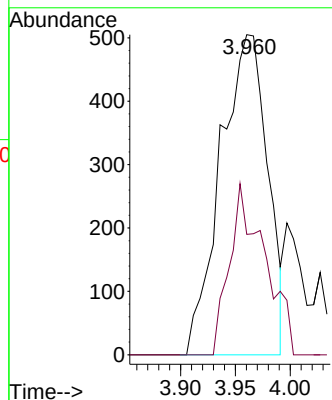
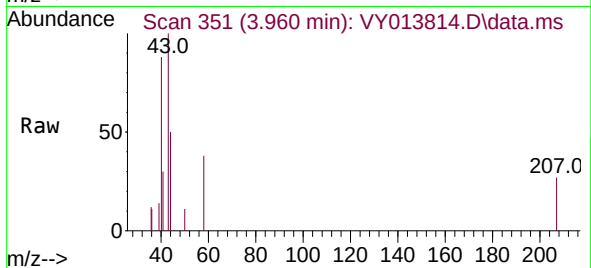
VY0519SBL01

Tgt Ion: 43 Resp: 1506

Ion Ratio Lower Upper

43 100

58 37.6 23.7 35.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY013814.D

Acq: 19 May 2023 12:29

Tgt Ion: 84 Resp: 11730

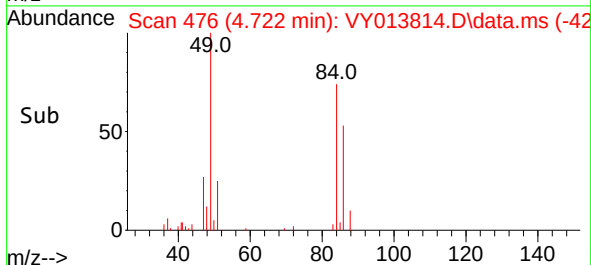
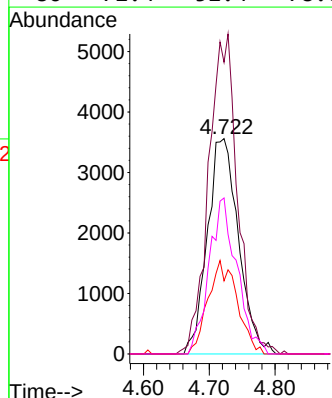
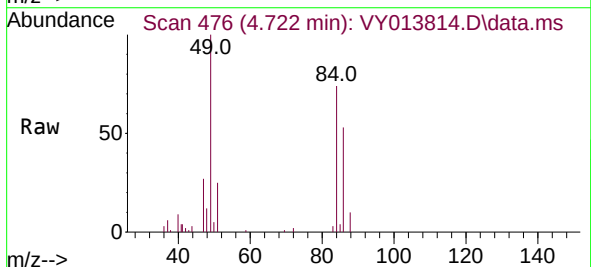
Ion Ratio Lower Upper

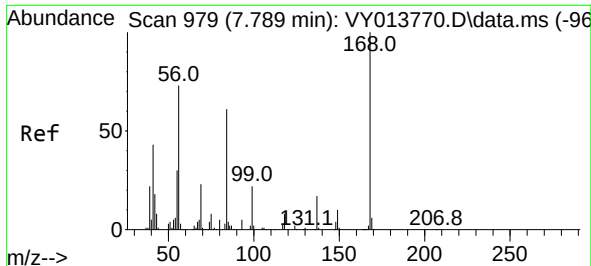
84 100

49 135.5 109.4 164.0

51 33.9 32.8 49.2

86 72.4 52.4 78.6

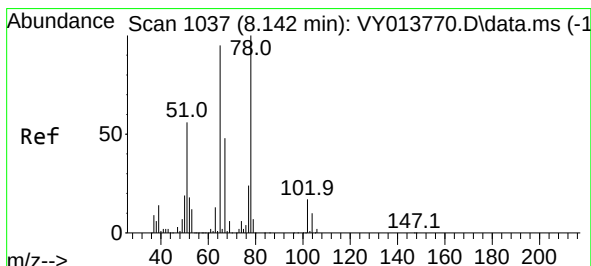
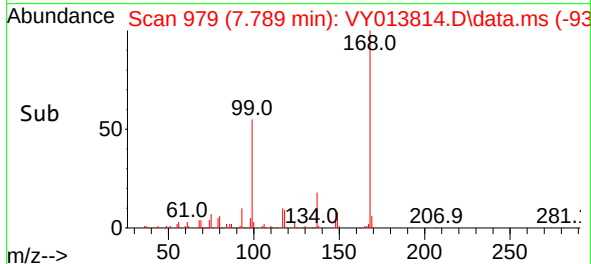
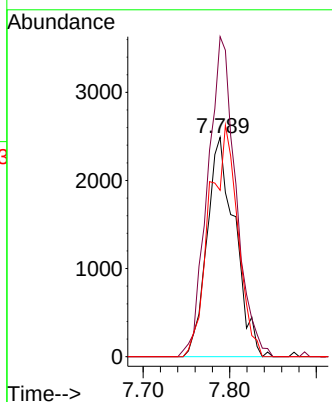
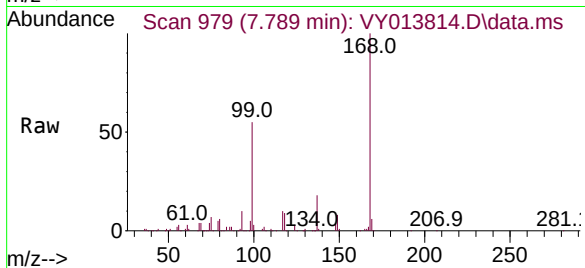




#31
Cyclohexane
Concen: 1.442 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

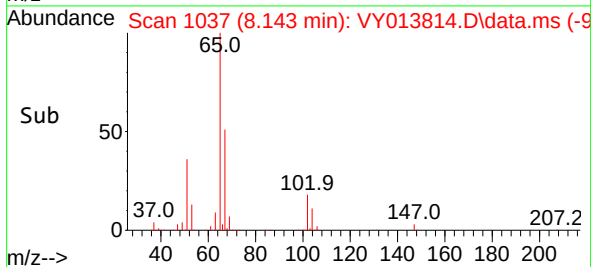
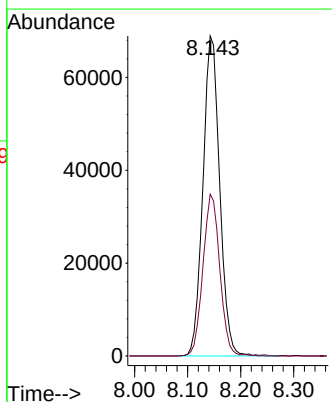
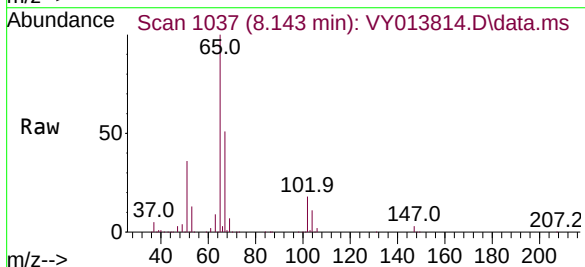
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

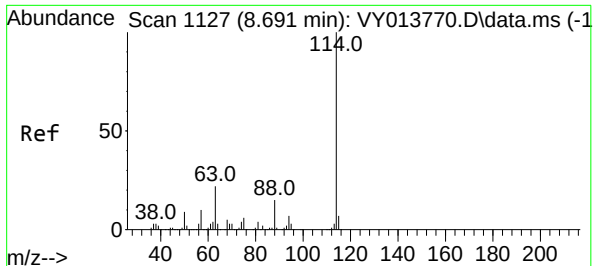
Tgt Ion: 56 Resp: 5593
Ion Ratio Lower Upper
56 100
69 145.9 25.8 38.6#
84 75.9 65.8 98.6



#33
1,2-Dichloroethane-d4
Concen: 55.942 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

Tgt Ion: 65 Resp: 151347
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013814.D

Acq: 19 May 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBL01

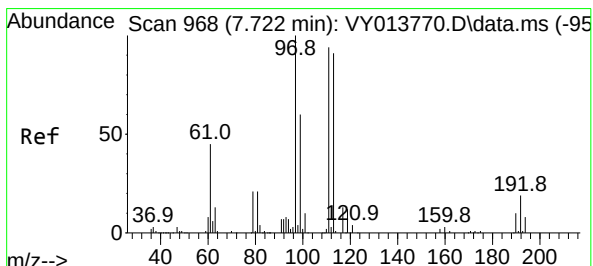
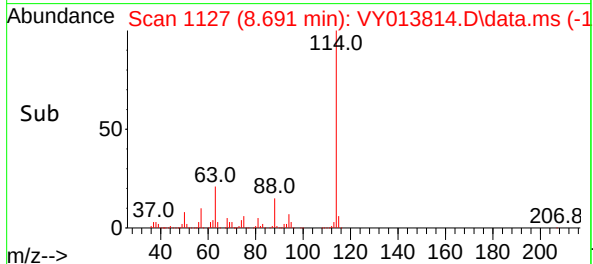
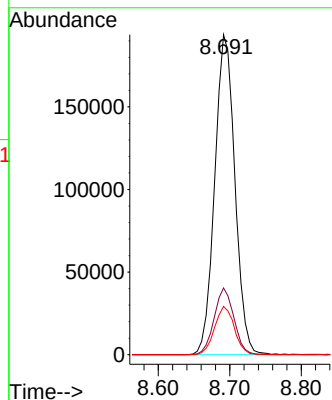
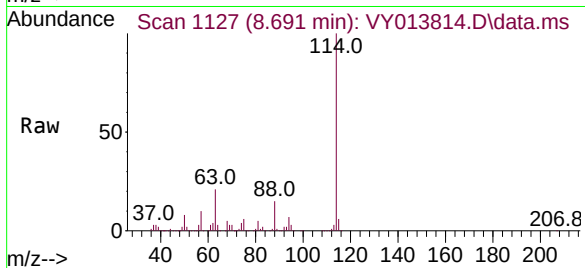
Tgt Ion:114 Resp: 379678

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.046 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013814.D

Acq: 19 May 2023 12:29

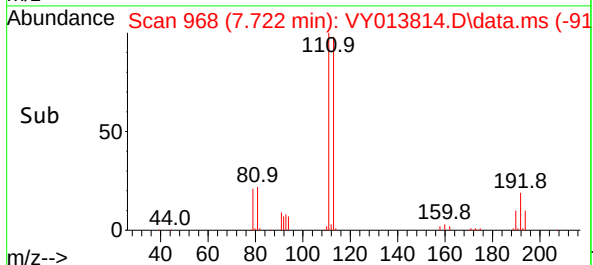
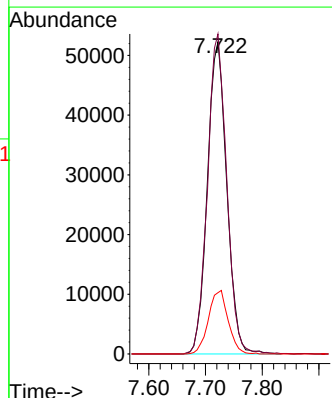
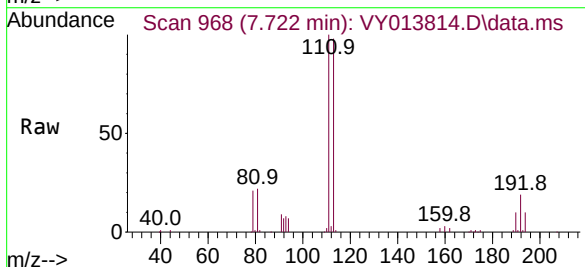
Tgt Ion:113 Resp: 124283

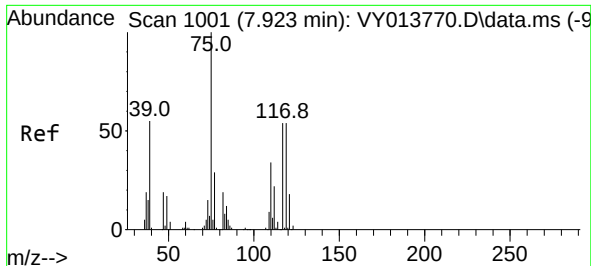
Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 20.7 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.051 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013814.D

Acq: 19 May 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBL01

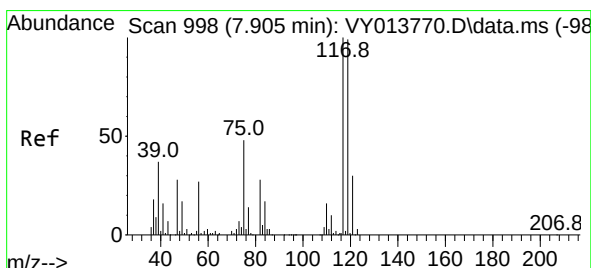
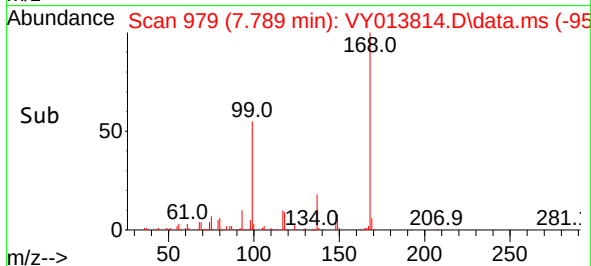
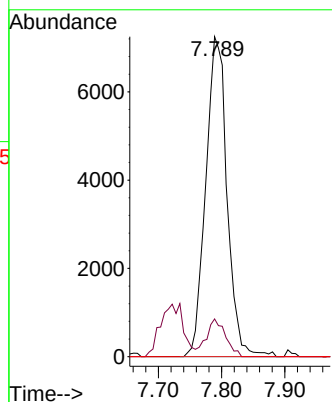
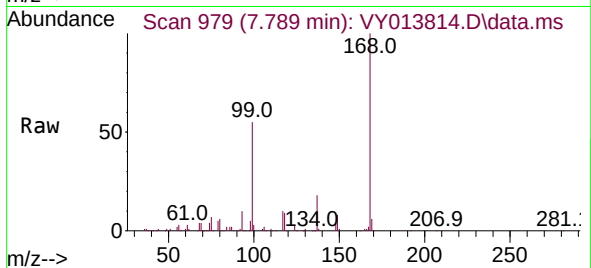
Tgt Ion: 75 Resp: 16993

Ion Ratio Lower Upper

75 100

110 10.6 17.3 51.7#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.591 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY013814.D

Acq: 19 May 2023 12:29

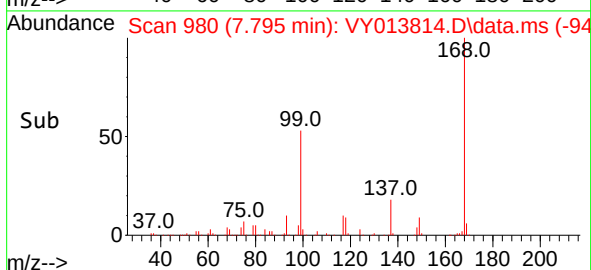
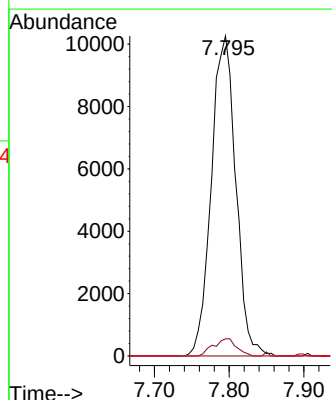
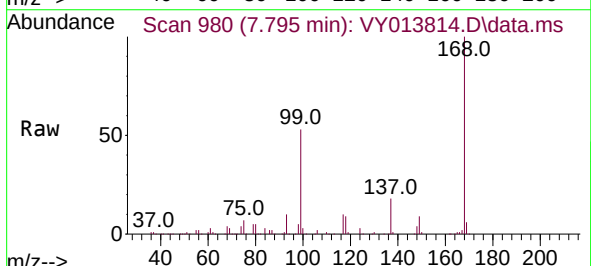
Tgt Ion: 117 Resp: 23390

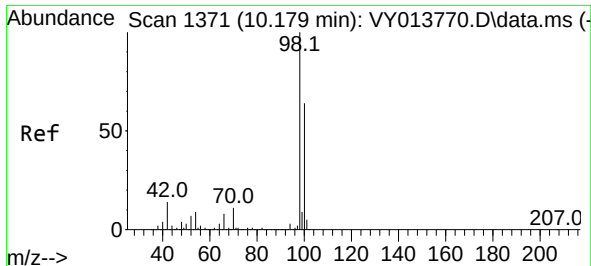
Ion Ratio Lower Upper

117 100

119 5.3 79.0 118.6#

121 0.0 24.1 36.1#

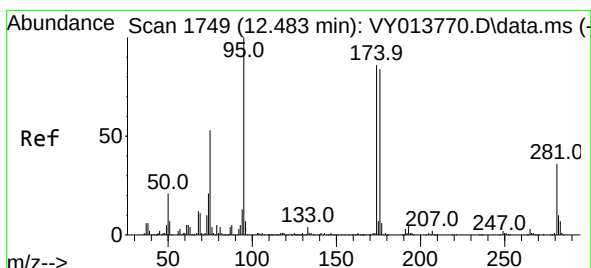
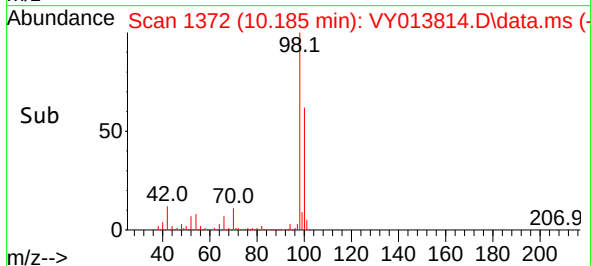
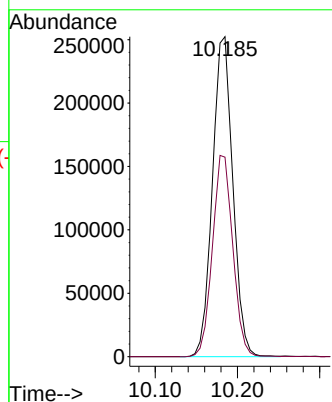
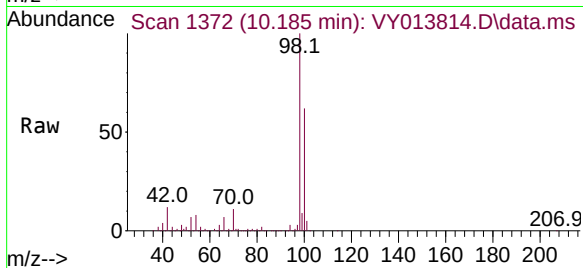




#50
Toluene-d8
Concen: 47.093 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

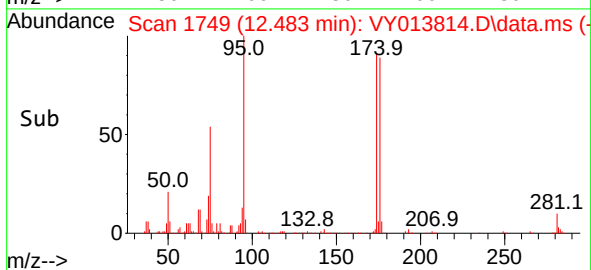
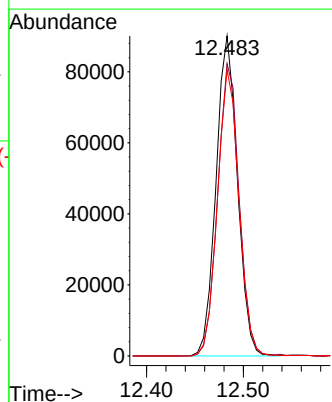
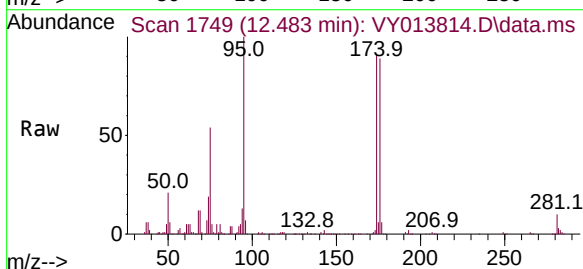
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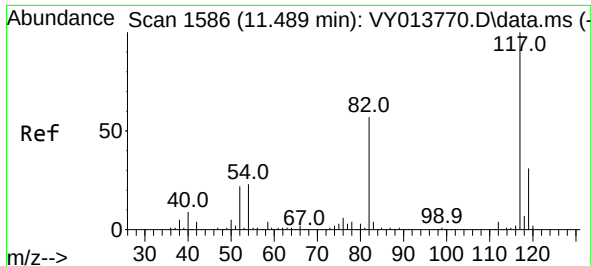
Tgt Ion: 98 Resp: 434688
Ion Ratio Lower Upper
98 100
100 62.9 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.162 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

Tgt Ion: 95 Resp: 138462
Ion Ratio Lower Upper
95 100
174 91.6 0.0 168.8
176 89.6 0.0 165.2

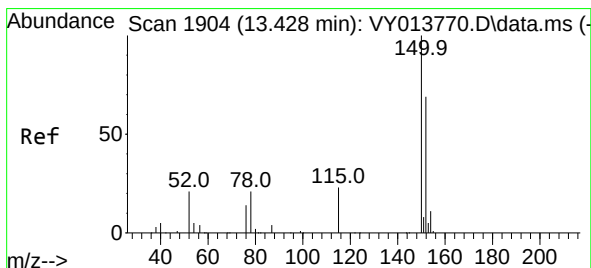
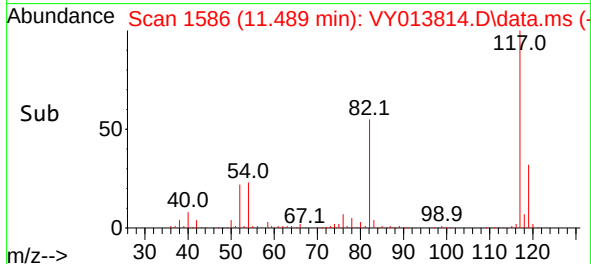
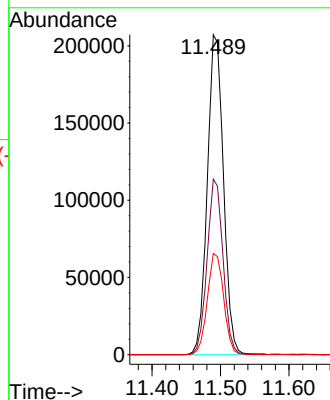
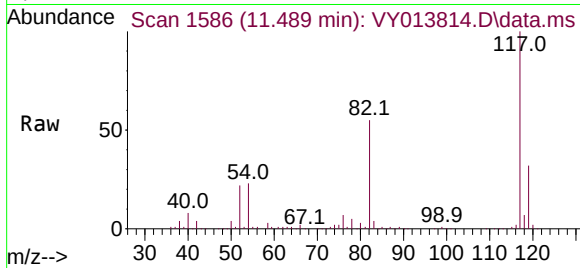




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

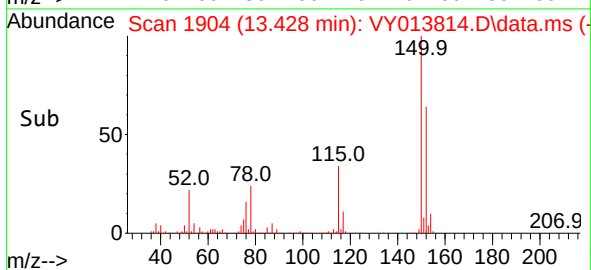
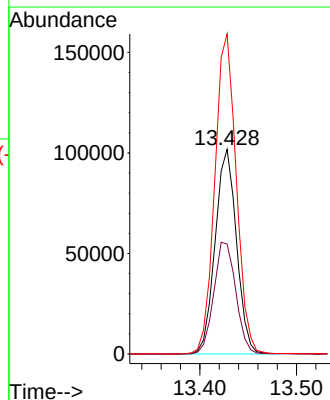
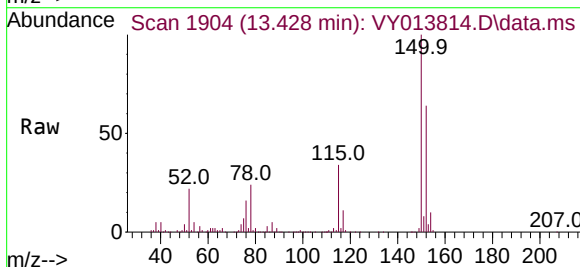
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

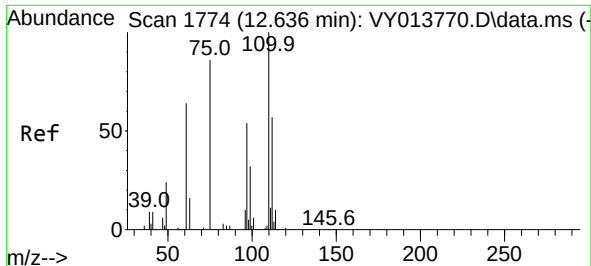
Tgt Ion:117 Resp: 340708
Ion Ratio Lower Upper
117 100
82 54.9 45.5 68.3
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

Tgt Ion:152 Resp: 156054
Ion Ratio Lower Upper
152 100
115 56.4 28.5 85.5
150 157.3 0.0 347.0

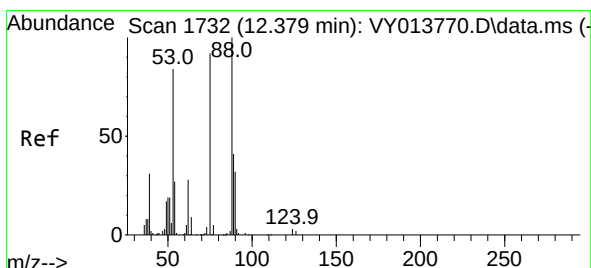
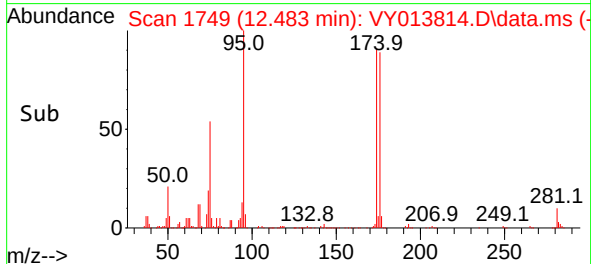
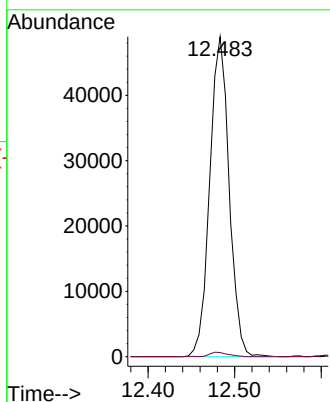
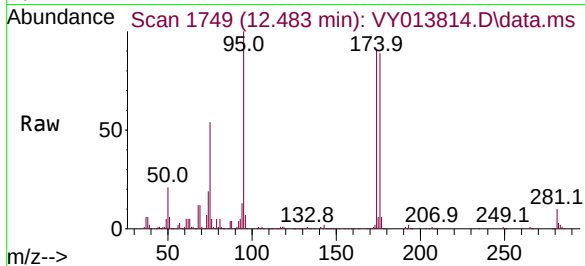




#76
1,2,3-Trichloropropane
Concen: 40.349 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

Tgt Ion: 75 Resp: 76206
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.832 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

Tgt Ion: 75 Resp: 76206
Ion Ratio Lower Upper
75 100
53 0.2 75.3 112.9#
89 0.0 35.4 53.2#

