

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017276.D
 Acq On : 06 Feb 2024 19:46
 Operator : SY/MD
 Sample : P1358-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2302

Quant Time: Feb 07 00:12:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

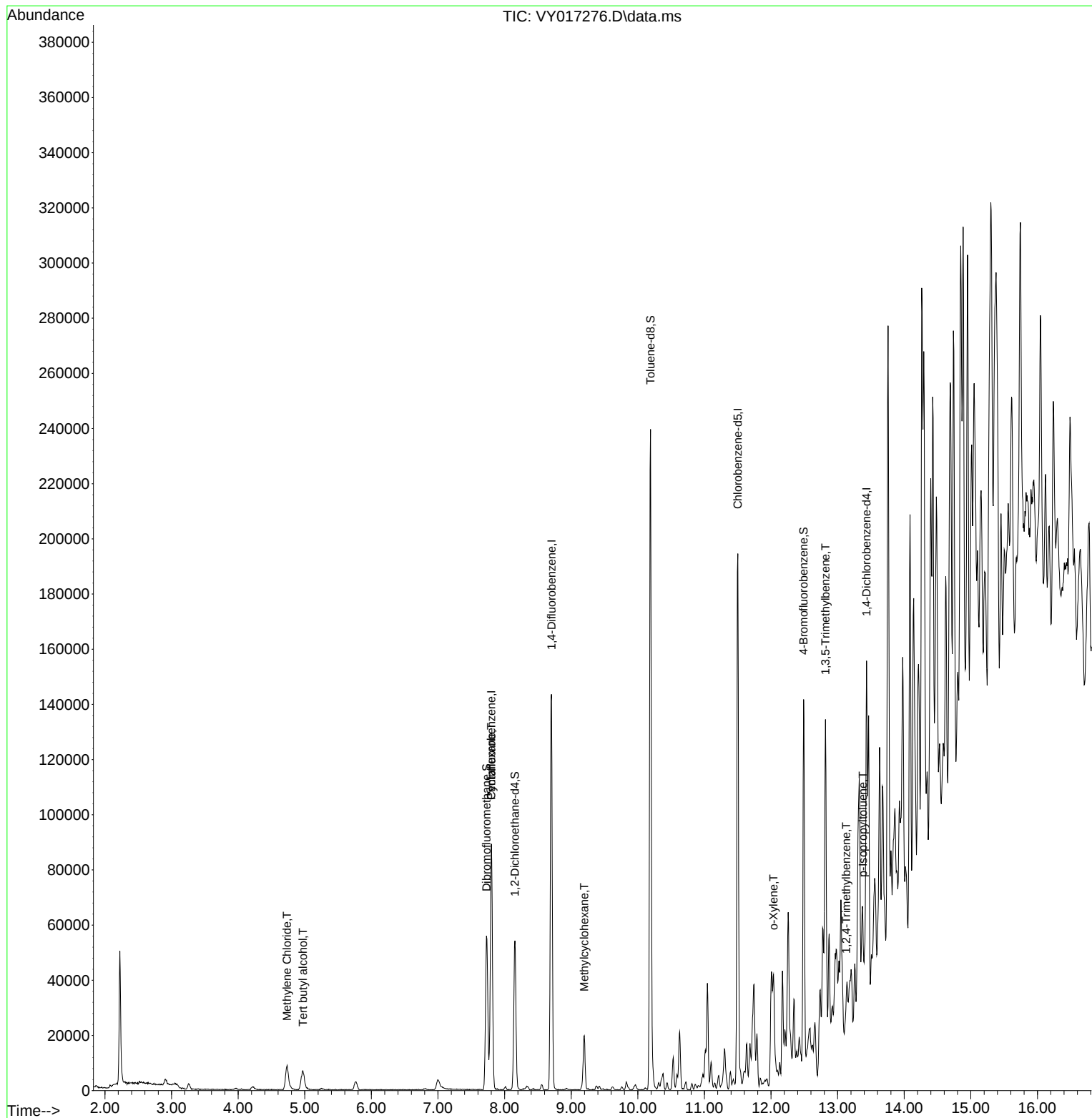
Internal Standards						
1) Pentafluorobenzene	7.801	168	63826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	121830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	103548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	30079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	41670	73.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.160%	
35) Dibromofluoromethane	7.728	113	40472	61.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.060%	
50) Toluene-d8	10.191	98	144043	60.143	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 120.280%	
62) 4-Bromofluorobenzene	12.489	95	38858	49.528	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	12837	268.723	ug/l	99
20) Methylene Chloride	4.734	84	6484	6.391	ug/l	97
31) Cyclohexane	7.801	56	2676	2.328	ug/l #	39
39) Methylcyclohexane	9.197	83	7326	5.527	ug/l	97
69) o-Xylene	12.038	106	5587	4.428	ug/l	88
80) 1,3,5-Trimethylbenzene	12.818	105	17769	10.111	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	3021	1.742	ug/l	92
86) p-Isopropyltoluene	13.379	119	12246	6.509	ug/l	98

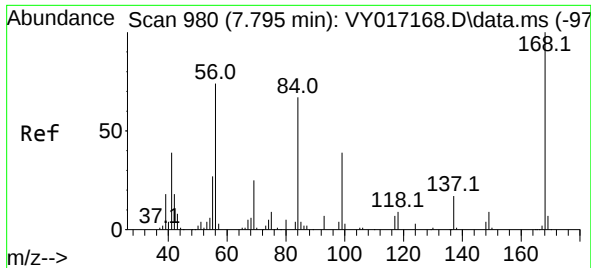
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017276.D
Acq On : 06 Feb 2024 19:46
Operator : SY/MD
Sample : P1358-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT2302

Quant Time: Feb 07 00:12:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

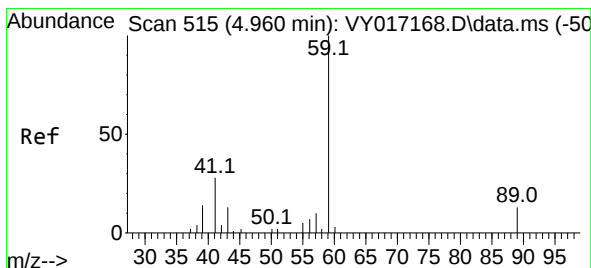
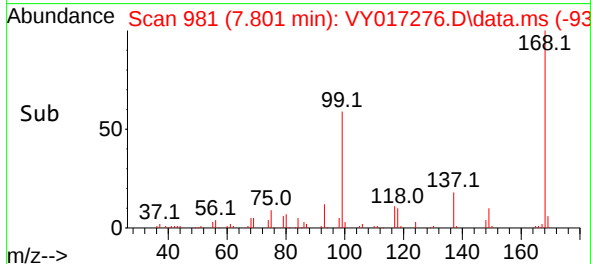
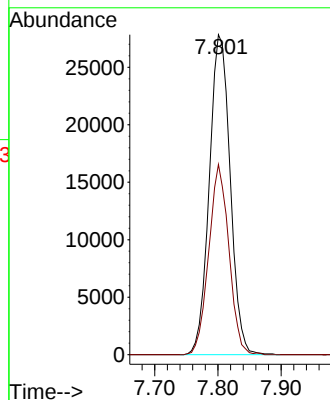
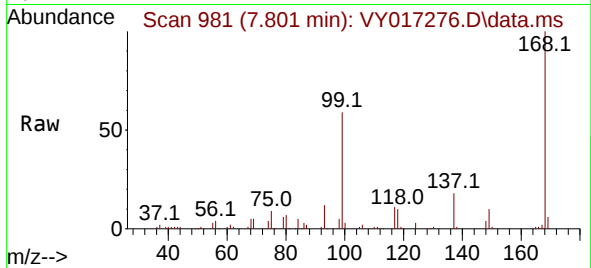




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017276.D
Acq: 06 Feb 2024 19:46

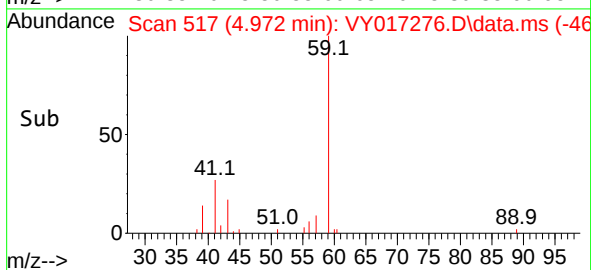
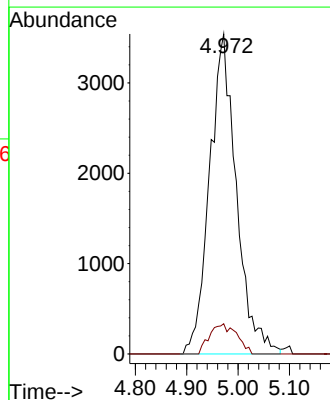
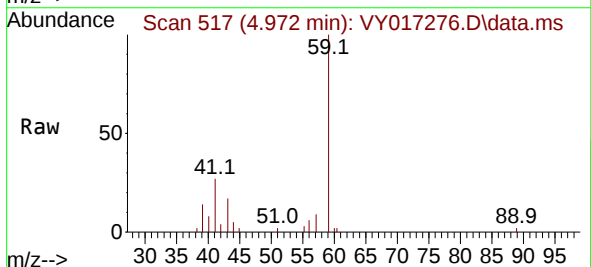
Instrument :
MSVOA_Y
ClientSampleId :
RT2302

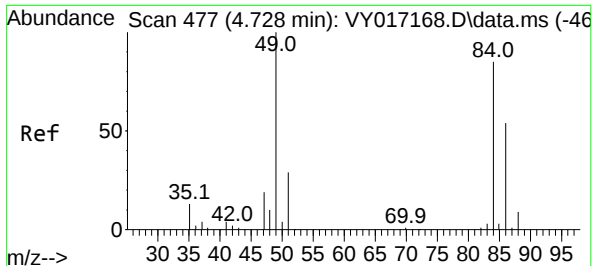
Tgt Ion:168 Resp: 63826
Ion Ratio Lower Upper
168 100
99 59.5 44.2 66.4



#11
Tert butyl alcohol
Concen: 268.723 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY017276.D
Acq: 06 Feb 2024 19:46

Tgt Ion: 59 Resp: 12837
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.0



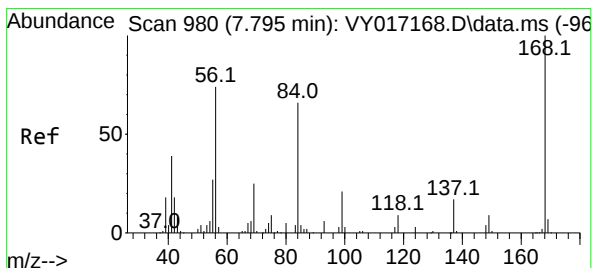
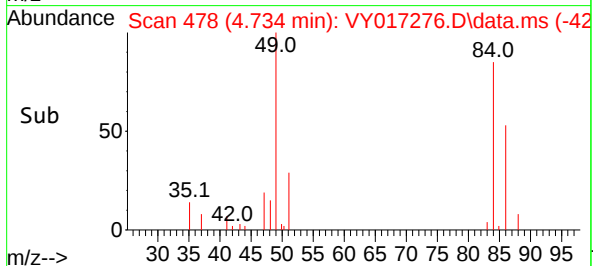
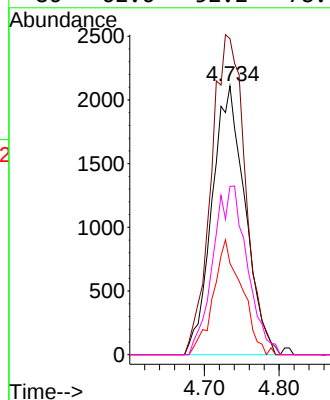
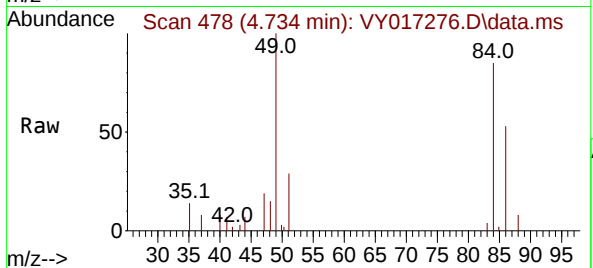


#20
Methylene Chloride
Concen: 6.391 ug/l
RT: 4.734 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017276.D
Acq: 06 Feb 2024 19:46

Instrument :
MSVOA_Y
ClientSampleId :
RT2302

Tgt Ion: 84 Resp: 6484

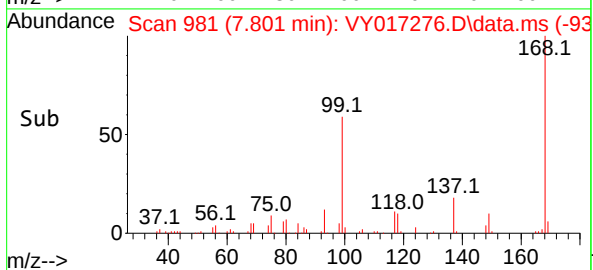
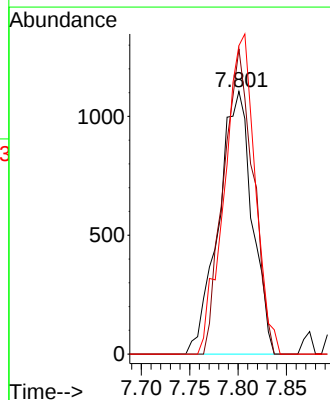
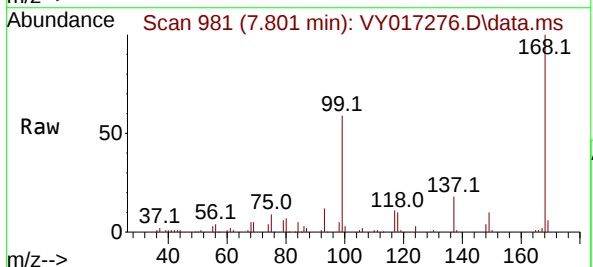
Ion	Ratio	Lower	Upper
84	100		
49	117.6	95.2	142.8
51	34.0	29.9	44.9
86	62.6	52.2	78.4

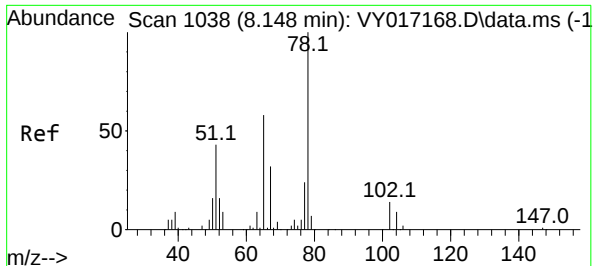


#31
Cyclohexane
Concen: 2.328 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017276.D
Acq: 06 Feb 2024 19:46

Tgt Ion: 56 Resp: 2676

Ion	Ratio	Lower	Upper
56	100		
69	116.2	27.0	40.6#
84	117.5	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 73.082 ug/l

RT: 8.154 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017276.D

Acq: 06 Feb 2024 19:46

Instrument :

MSVOA_Y

ClientSampleId :

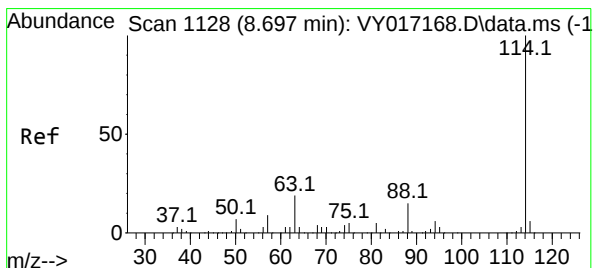
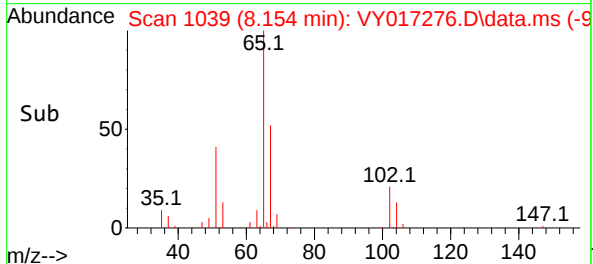
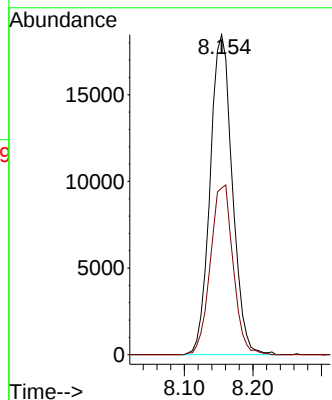
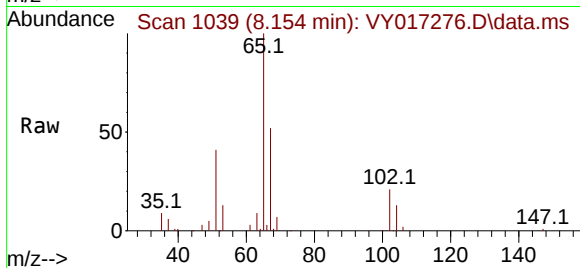
RT2302

Tgt Ion: 65 Resp: 41670

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017276.D

Acq: 06 Feb 2024 19:46

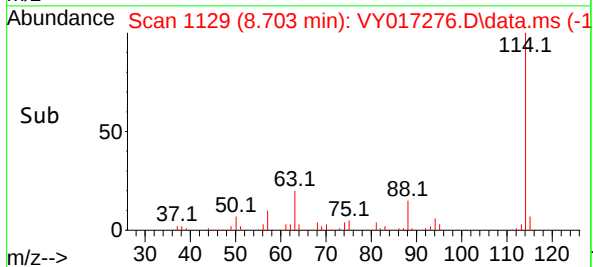
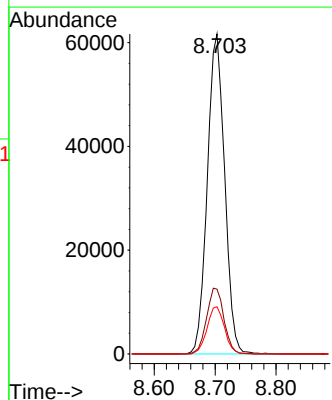
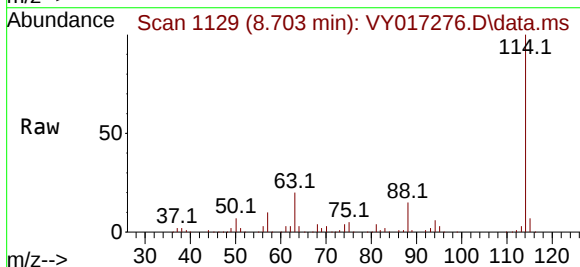
Tgt Ion: 114 Resp: 121830

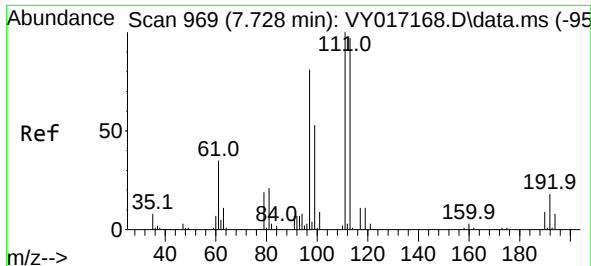
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.7 0.0 29.0

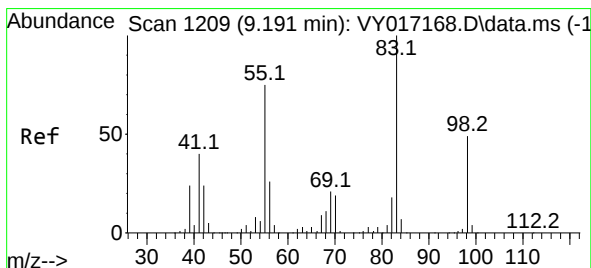
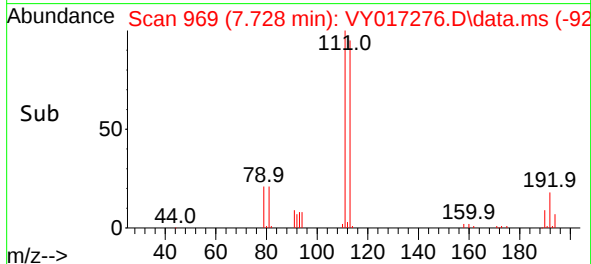
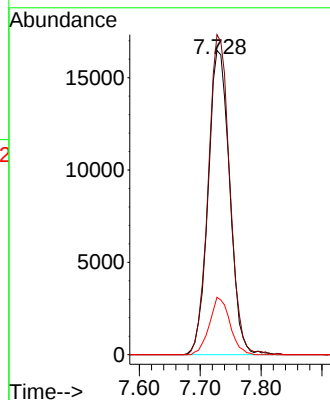
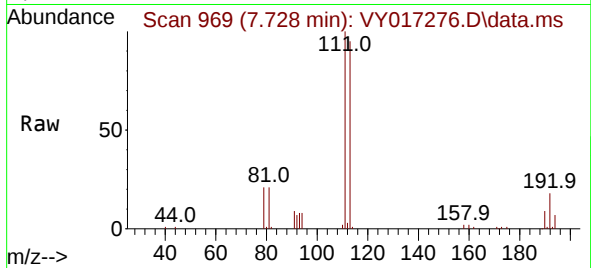




#35
Dibromofluoromethane
Concen: 61.526 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017276.D
Acq: 06 Feb 2024 19:46

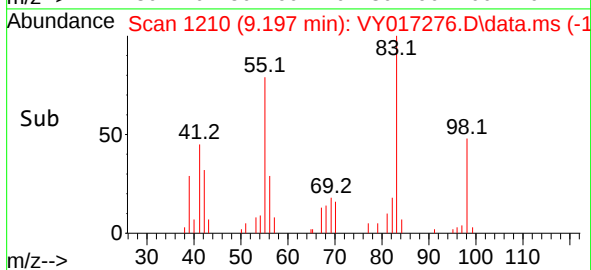
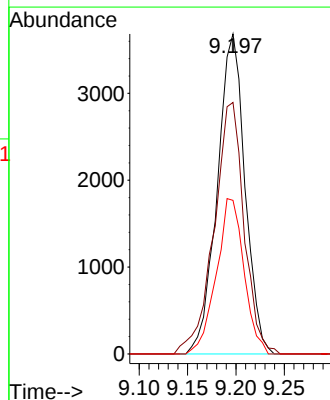
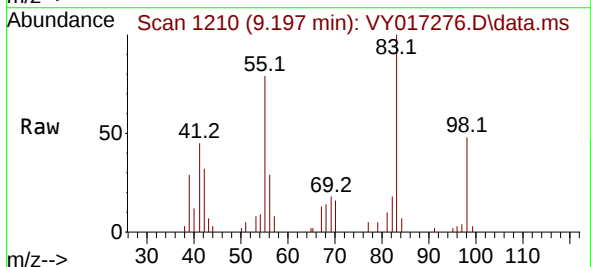
Instrument :
MSVOA_Y
ClientSampleId :
RT2302

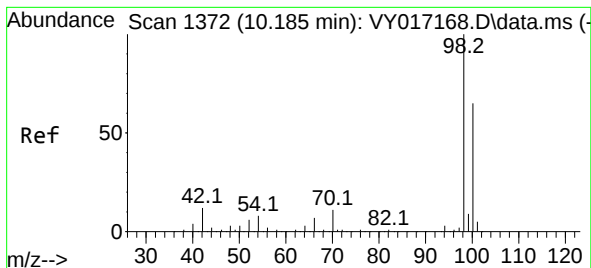
Tgt Ion:113 Resp: 40472
Ion Ratio Lower Upper
113 100
111 104.4 83.8 125.6
192 18.0 14.5 21.7



#39
Methylcyclohexane
Concen: 5.527 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. 0.006 min
Lab File: VY017276.D
Acq: 06 Feb 2024 19:46

Tgt Ion: 83 Resp: 7326
Ion Ratio Lower Upper
83 100
55 78.6 59.7 89.5
98 48.0 38.0 57.0





#50

Toluene-d8

Concen: 60.143 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017276.D

Acq: 06 Feb 2024 19:46

Instrument :

MSVOA_Y

ClientSampleId :

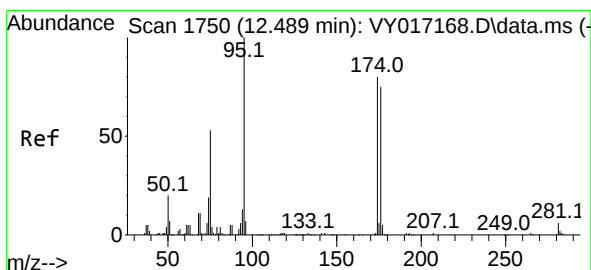
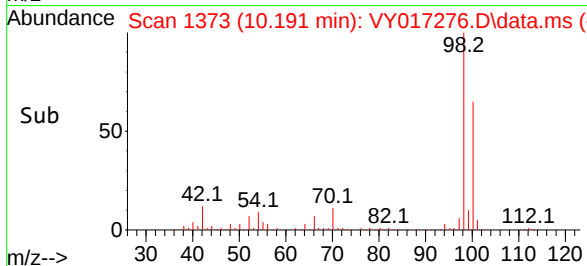
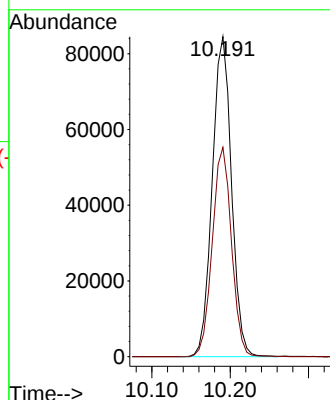
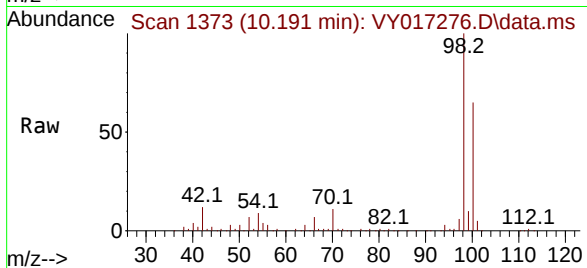
RT2302

Tgt Ion: 98 Resp: 144043

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 49.528 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017276.D

Acq: 06 Feb 2024 19:46

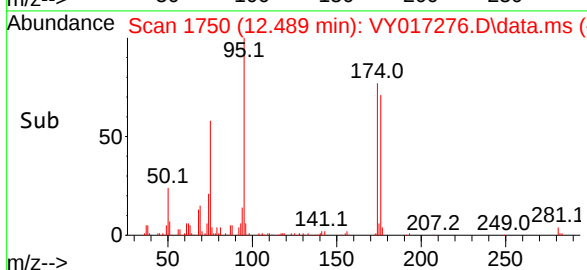
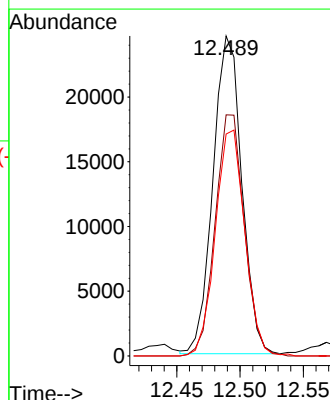
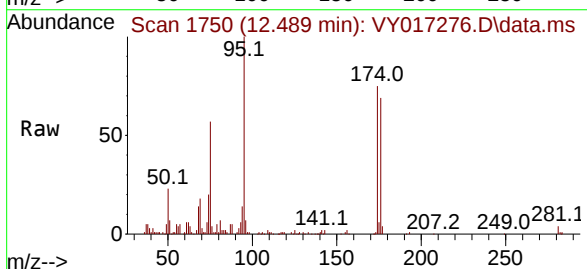
Tgt Ion: 95 Resp: 38858

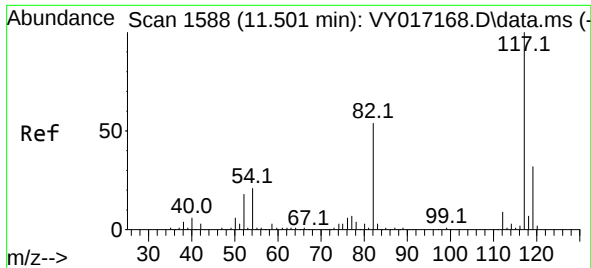
Ion Ratio Lower Upper

95 100

174 76.6 0.0 160.0

176 72.9 0.0 151.8

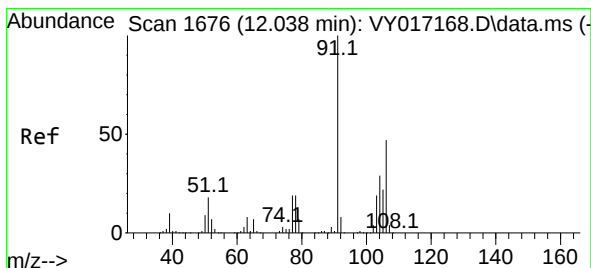
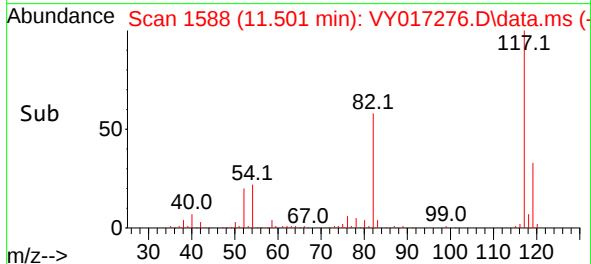
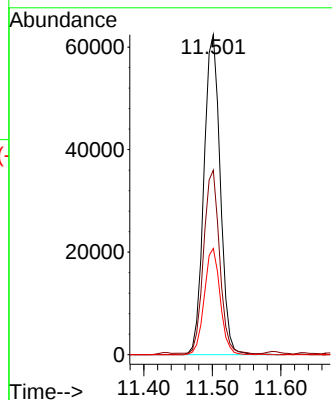
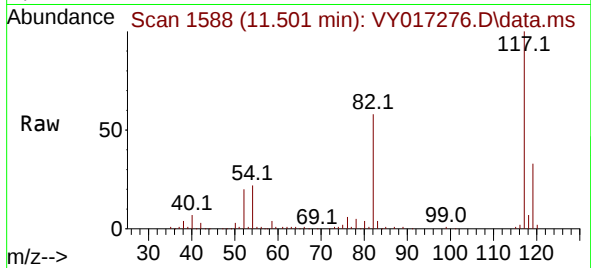




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017276.D
Acq: 06 Feb 2024 19:46

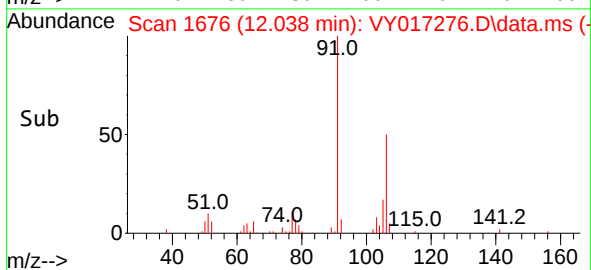
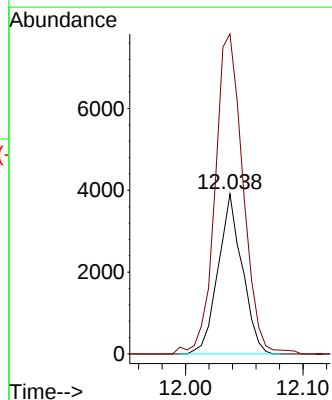
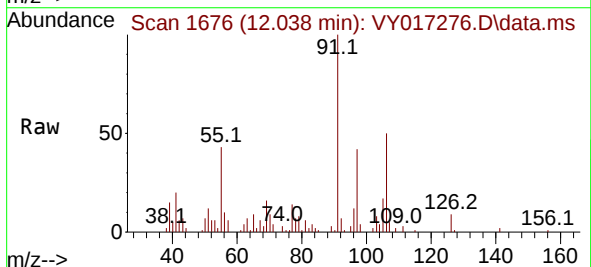
Instrument :
MSVOA_Y
ClientSampleId :
RT2302

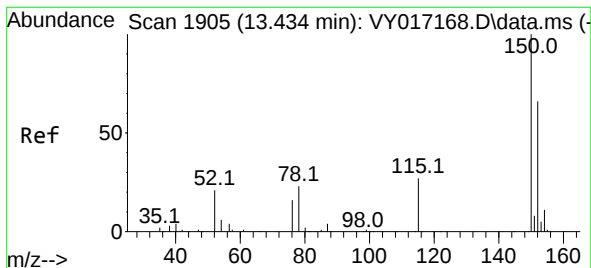
Tgt Ion:117 Resp: 103548
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 33.2 26.5 39.7



#69
o-Xylene
Concen: 4.428 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017276.D
Acq: 06 Feb 2024 19:46

Tgt Ion:106 Resp: 5587
Ion Ratio Lower Upper
106 100
91 231.5 106.5 319.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017276.D

Acq: 06 Feb 2024 19:46

Instrument :

MSVOA_Y

ClientSampleId :

RT2302

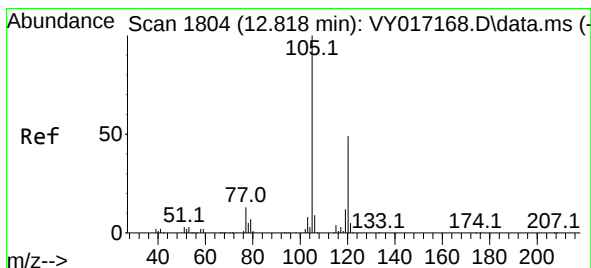
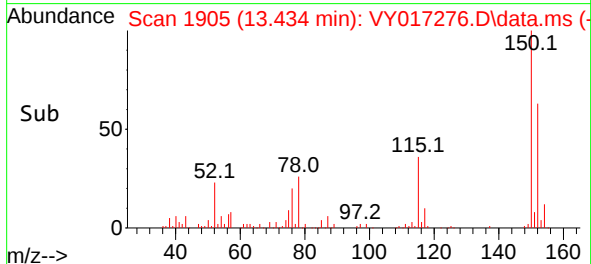
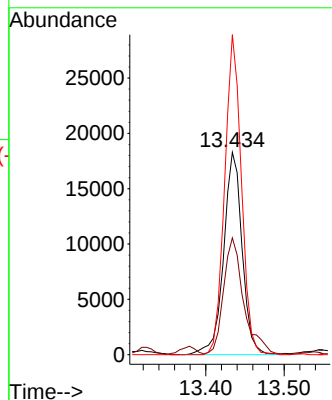
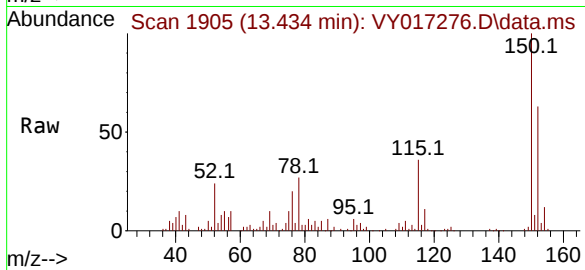
Tgt Ion:152 Resp: 30079

Ion Ratio Lower Upper

152 100

115 63.0 30.0 90.0

150 142.6 0.0 344.6



#80

1,3,5-Trimethylbenzene

Concen: 10.111 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017276.D

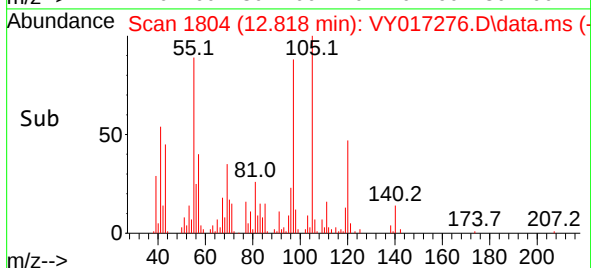
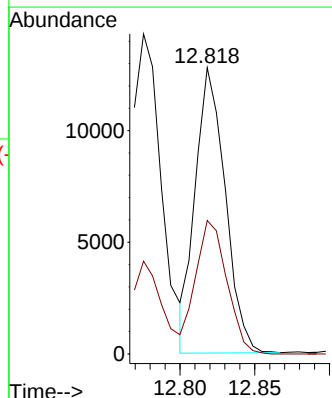
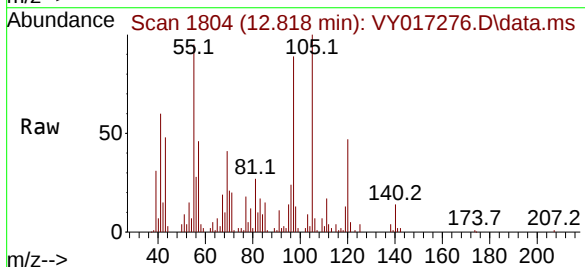
Acq: 06 Feb 2024 19:46

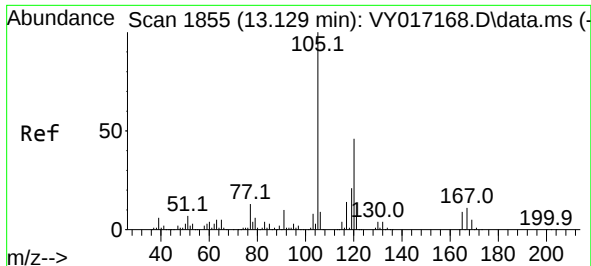
Tgt Ion:105 Resp: 17769

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

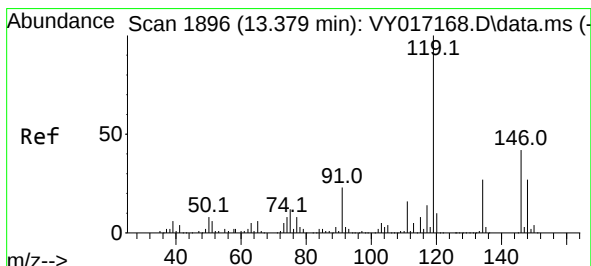
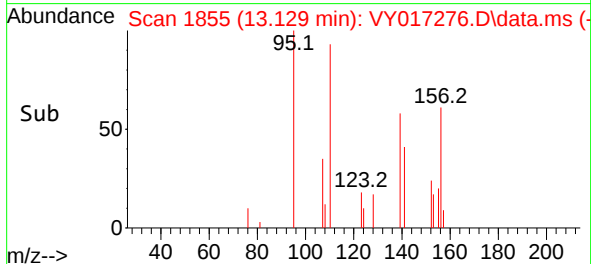
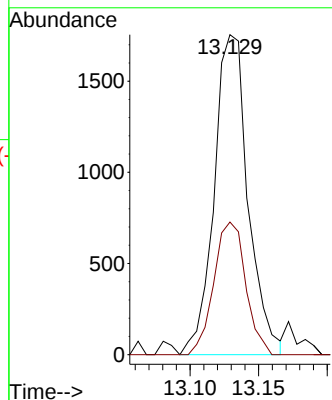
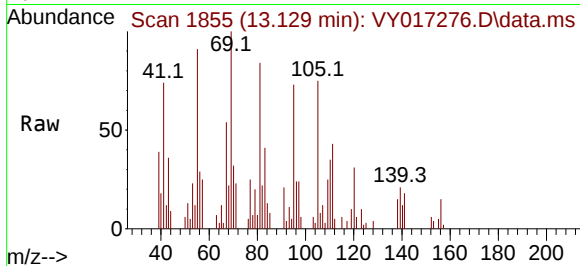




#84
1,2,4-Trimethylbenzene
Concen: 1.742 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017276.D
Acq: 06 Feb 2024 19:46

Instrument :
MSVOA_Y
ClientSampleId :
RT2302

Tgt Ion:105 Resp: 3021
Ion Ratio Lower Upper
105 100
120 38.9 22.1 66.3



#86
p-Isopropyltoluene
Concen: 6.509 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VY017276.D
Acq: 06 Feb 2024 19:46

Tgt Ion:119 Resp: 12246
Ion Ratio Lower Upper
119 100
134 25.4 13.1 39.1
91 24.8 11.7 35.0

