

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019366.D
 Acq On : 29 Aug 2024 08:19
 Operator : SY/MD
 Sample : P3652-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 08:43:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

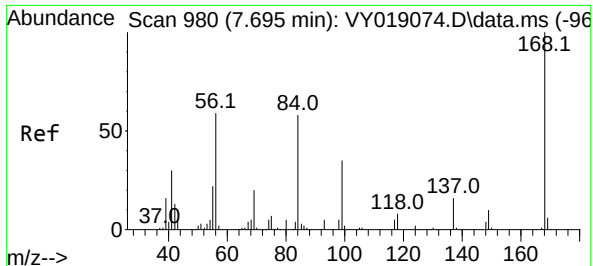
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	156646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	285219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	192104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	72368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	78045	49.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.400%
35) Dibromofluoromethane	7.622	113	86153	46.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.400%
50) Toluene-d8	10.103	98	318882	47.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.408	95	69348	30.311	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	60.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	197	Below Cal	#	80
6) Chloroethane	2.806	64	21	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	23	Below Cal	#	88
20) Methylene Chloride	4.604	84	10576	Below Cal	#	79
31) Cyclohexane	7.701	56	3301	Below Cal	#	46
36) 1,1-Dichloropropene	7.707	75	11518	4.498	ug/l #	49
38) Carbon Tetrachloride	7.695	117	15786	5.319	ug/l #	19
51) 4-Methyl-2-Pentanone	10.109	43	1503	1.234	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	36094	50.574	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	36094	124.902	ug/l #	16

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

Quant Time: Aug 29 08:43:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

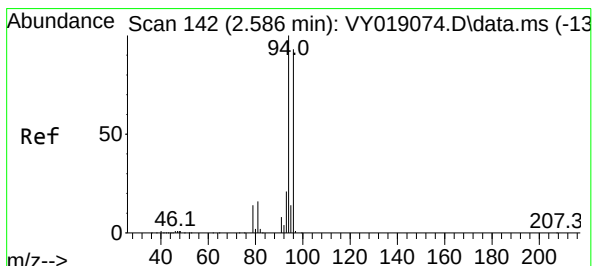
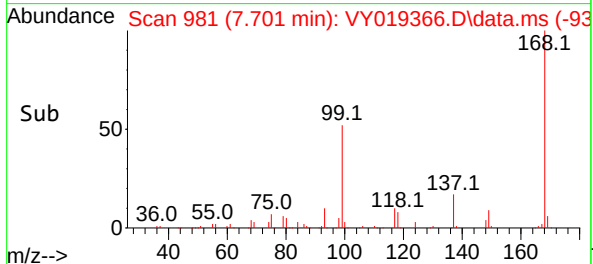
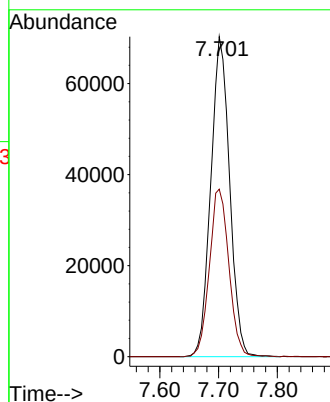
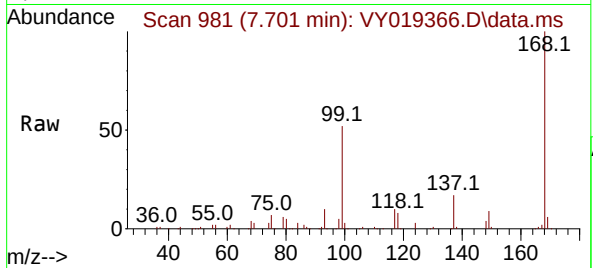




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

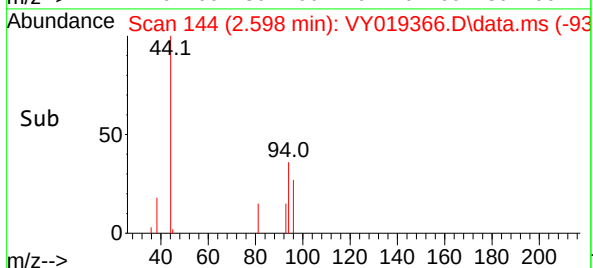
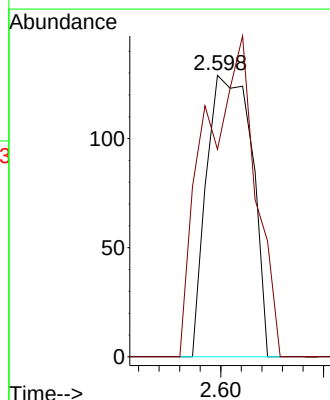
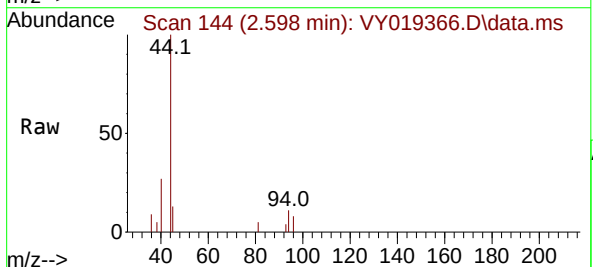
Instrument :
MSVOA_Y
ClientSampleId :

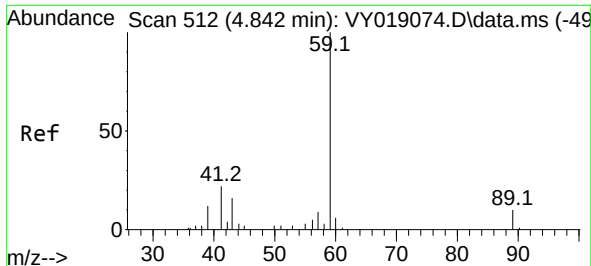
Tgt Ion:168 Resp: 156646
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

Tgt Ion: 94 Resp: 197
Ion Ratio Lower Upper
94 100
96 73.6 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.836 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019366.D

Acq: 29 Aug 2024 08:19

Instrument :

MSVOA_Y

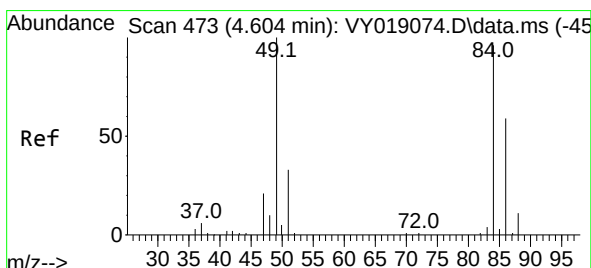
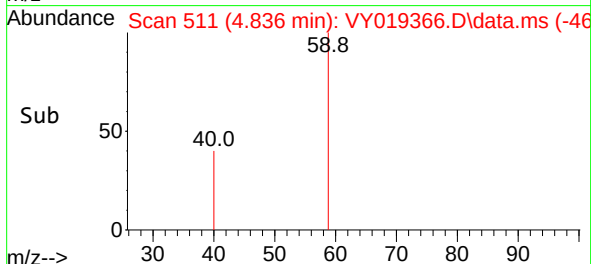
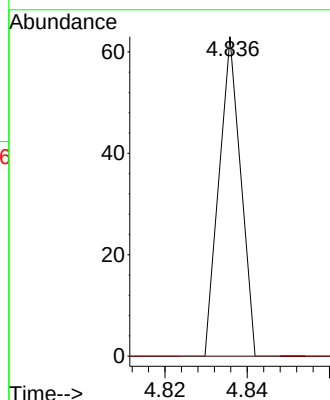
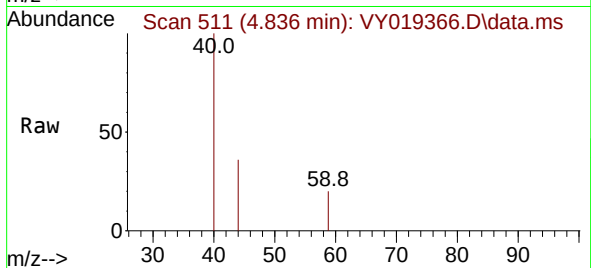
ClientSampleId :

Tgt Ion: 59 Resp: 23

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019366.D

Acq: 29 Aug 2024 08:19

Tgt Ion: 84 Resp: 10576

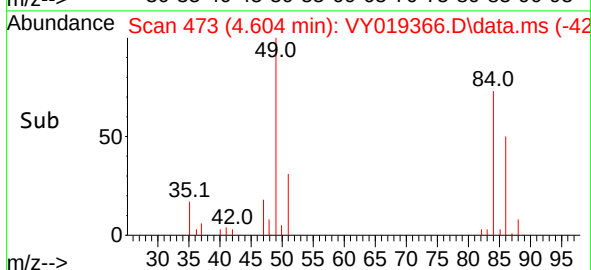
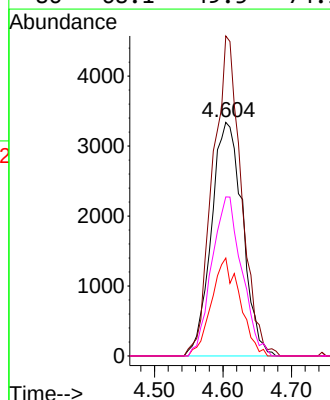
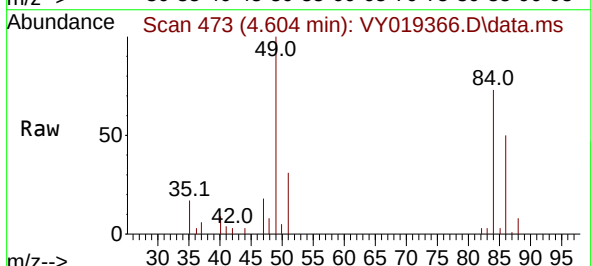
Ion Ratio Lower Upper

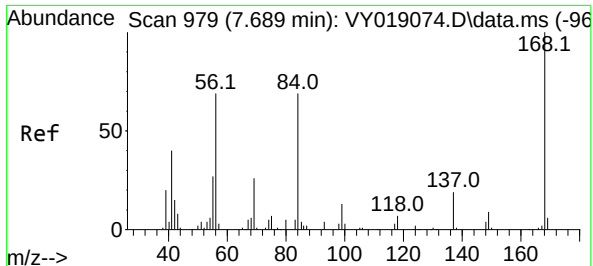
84 100

49 136.9 84.4 126.6#

51 41.9 26.0 39.0#

86 68.1 49.5 74.3

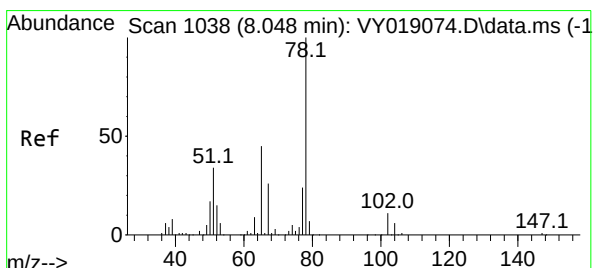
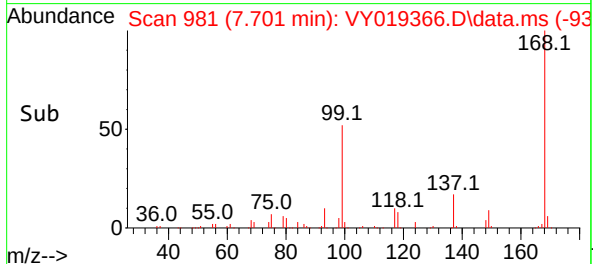
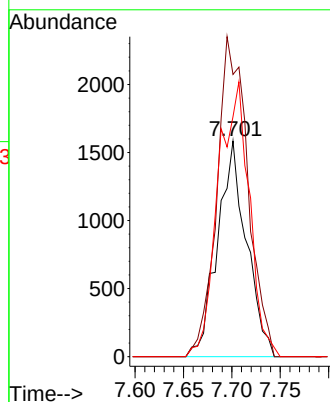
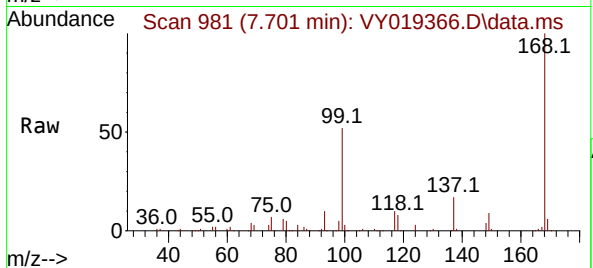




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

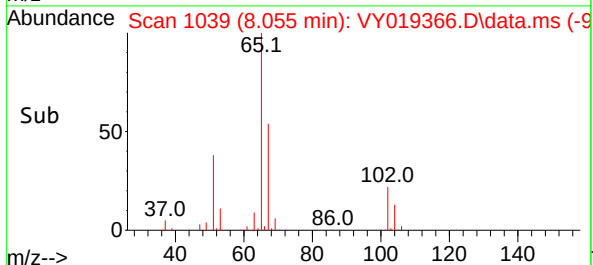
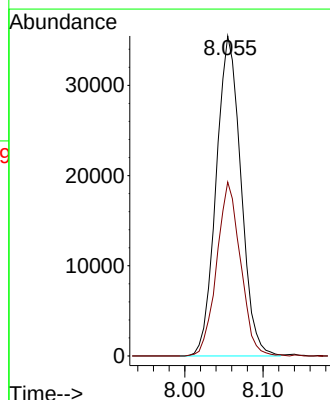
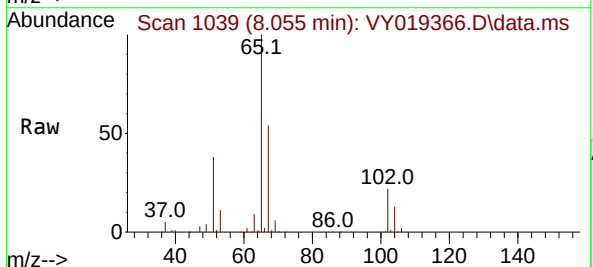
Instrument :
MSVOA_Y
ClientSampleId :

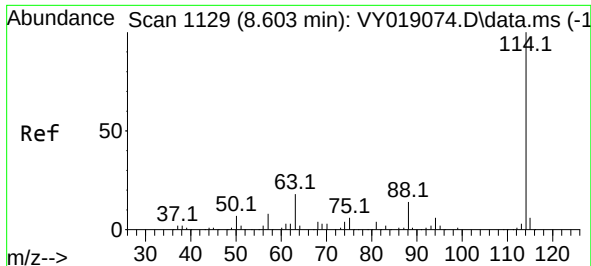
Tgt Ion: 56 Resp: 3301
Ion Ratio Lower Upper
56 100
69 130.9 28.7 43.1#
84 111.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 49.702 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

Tgt Ion: 65 Resp: 78045
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6

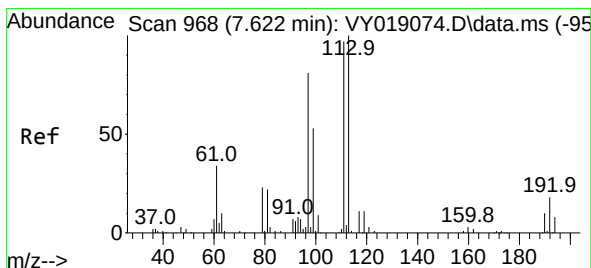
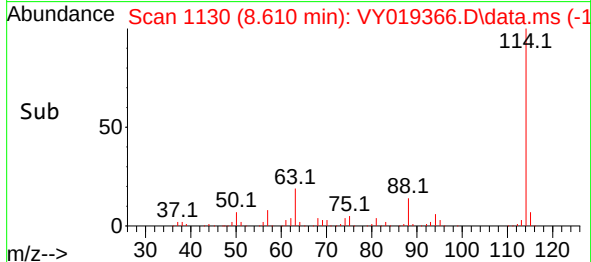
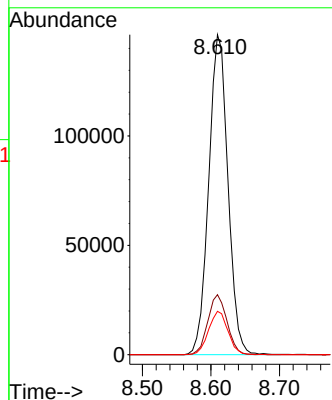
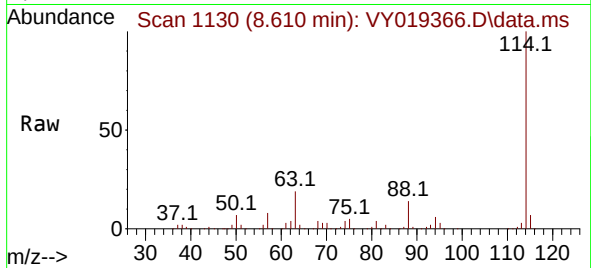




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

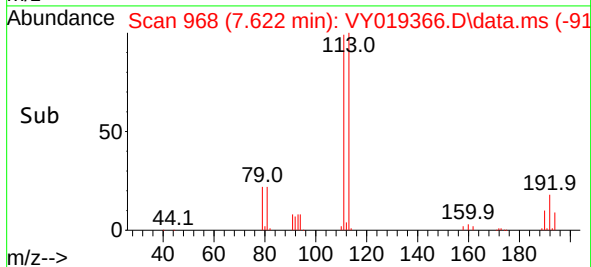
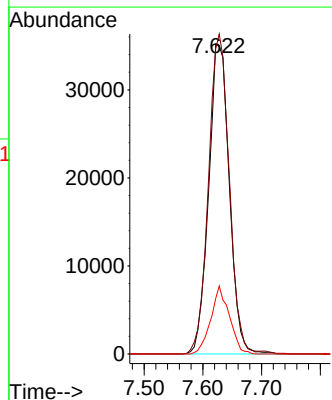
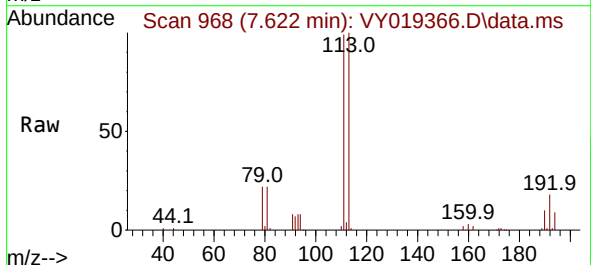
Instrument :
MSVOA_Y
ClientSampleId :

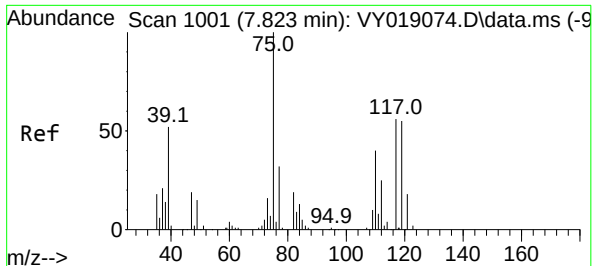
Tgt Ion:114 Resp: 285219
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.196 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

Tgt Ion:113 Resp: 86153
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 19.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.498 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY019366.D

Acq: 29 Aug 2024 08:19

Instrument :

MSVOA_Y

ClientSampleId :

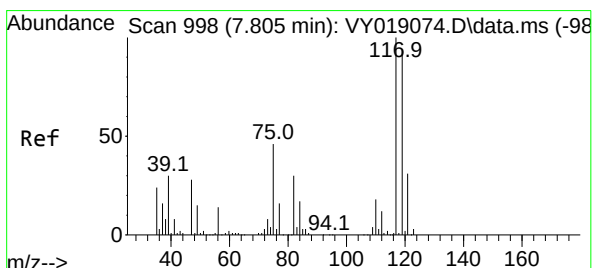
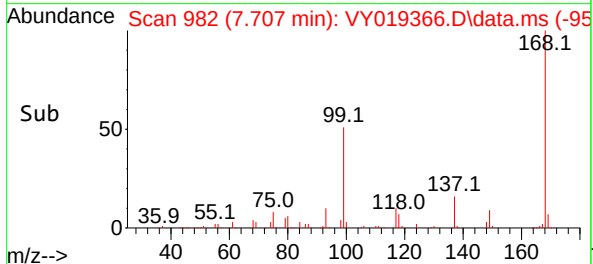
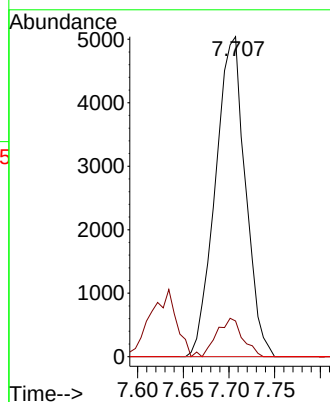
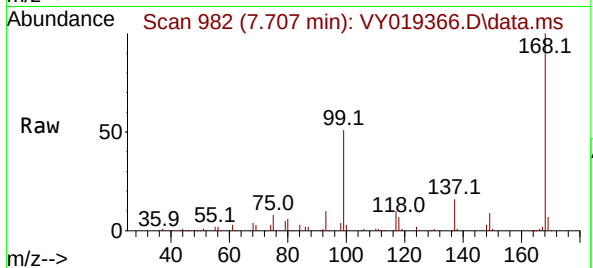
Tgt Ion: 75 Resp: 11518

Ion Ratio Lower Upper

75 100

110 10.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.319 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.109 min

Lab File: VY019366.D

Acq: 29 Aug 2024 08:19

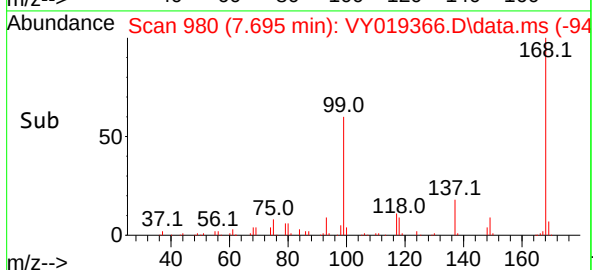
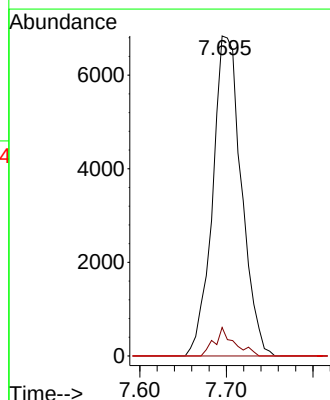
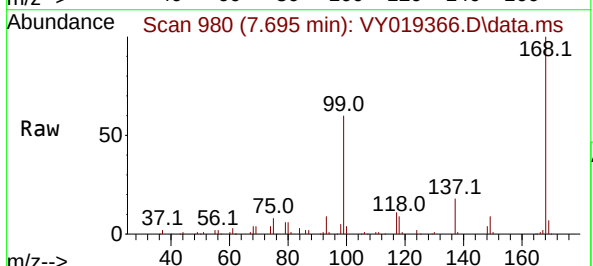
Tgt Ion: 117 Resp: 15786

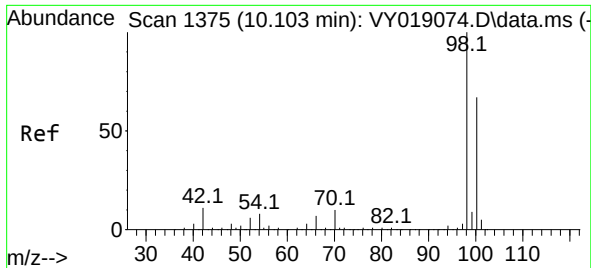
Ion Ratio Lower Upper

117 100

119 8.9 75.8 113.6#

121 0.0 24.0 36.0#

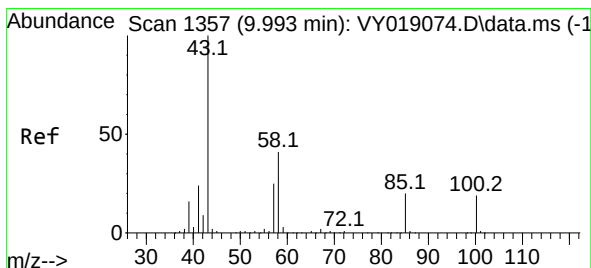
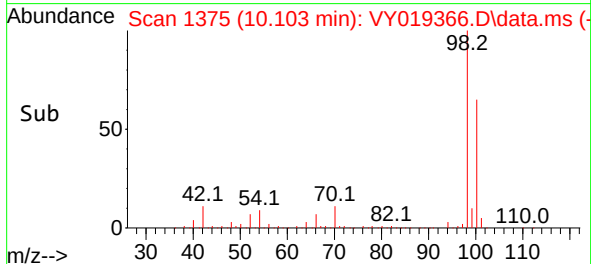
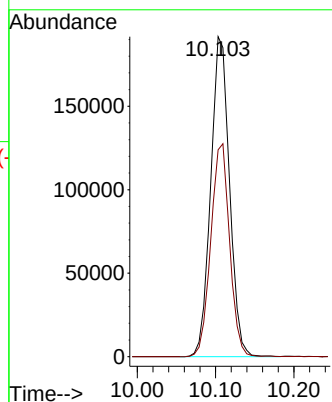
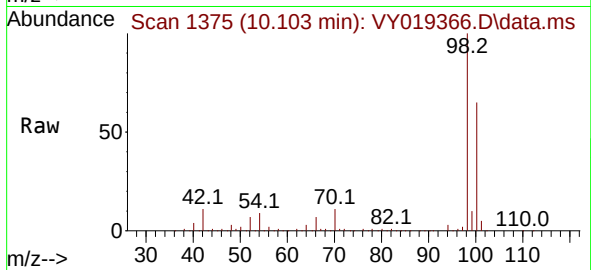




#50
Toluene-d8
Concen: 47.515 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

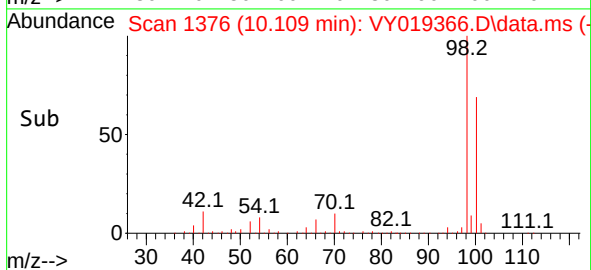
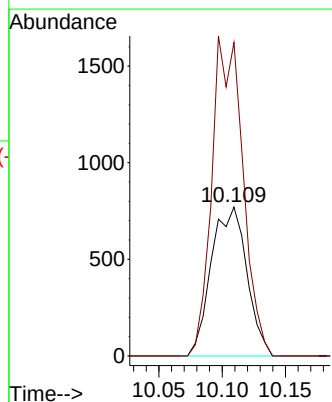
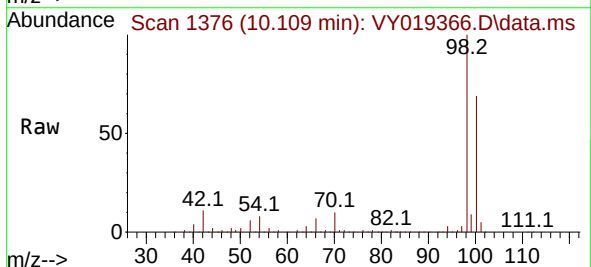
Instrument :
MSVOA_Y
ClientSampleId :

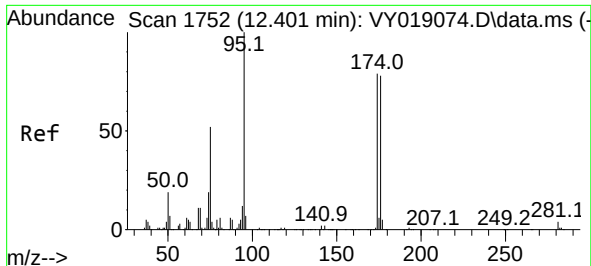
Tgt Ion: 98 Resp: 318882
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.234 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.116 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
58 187.1 35.7 53.5





#62

4-Bromofluorobenzene

Concen: 30.311 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019366.D

Acq: 29 Aug 2024 08:19

Instrument :

MSVOA_Y

ClientSampleId :

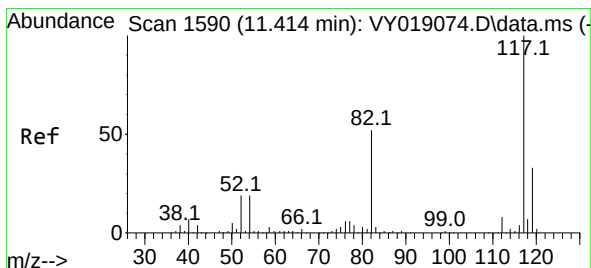
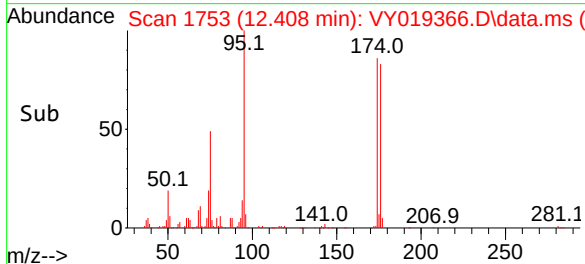
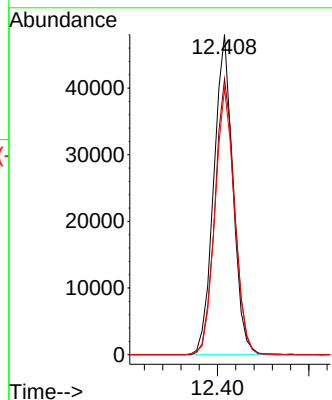
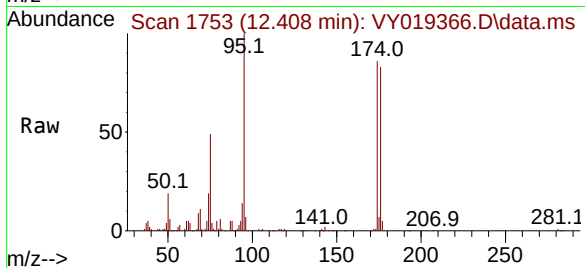
Tgt Ion: 95 Resp: 69348

Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.6

176 85.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019366.D

Acq: 29 Aug 2024 08:19

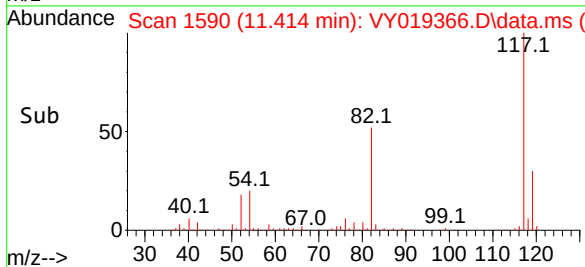
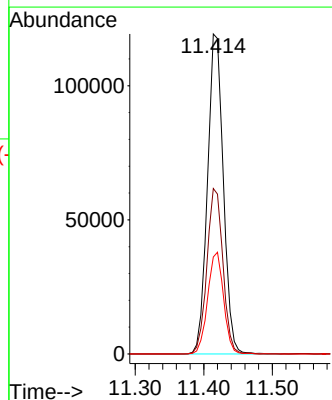
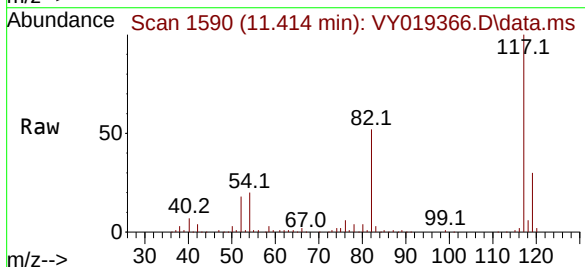
Tgt Ion: 117 Resp: 192104

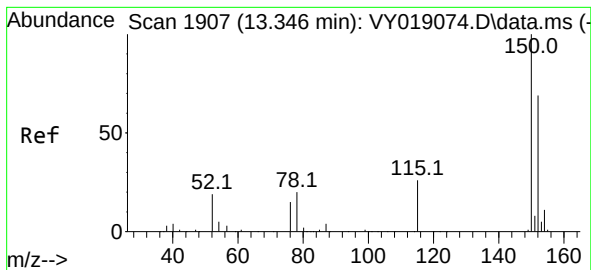
Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

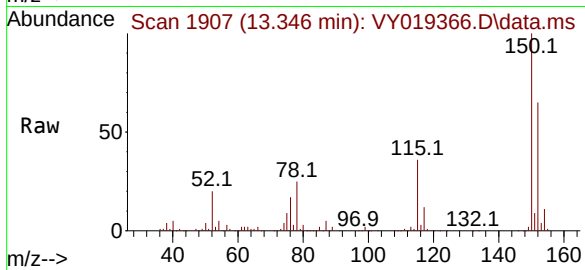
119 30.3 25.9 38.9



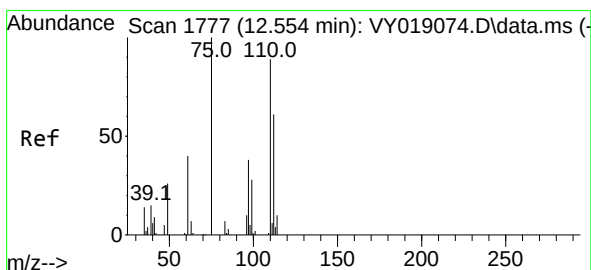
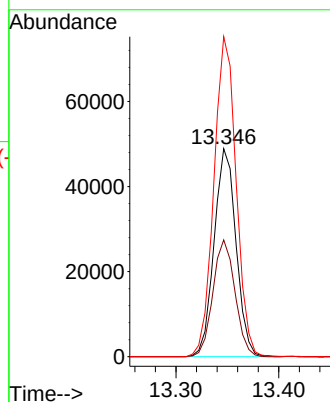
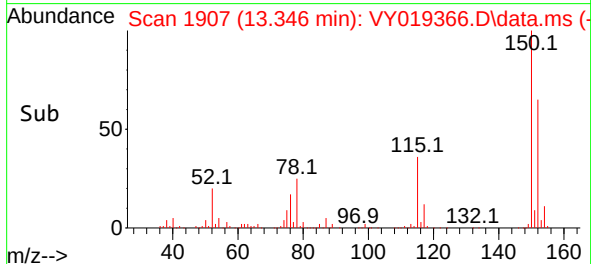


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019366.D
 Acq: 29 Aug 2024 08:19

Instrument :
 MSVOA_Y
 ClientSampleId :

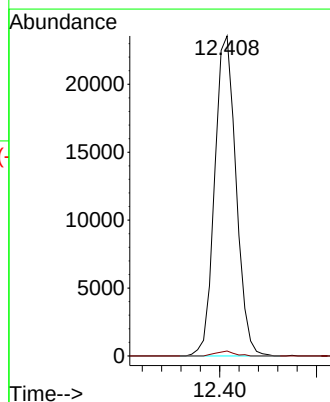
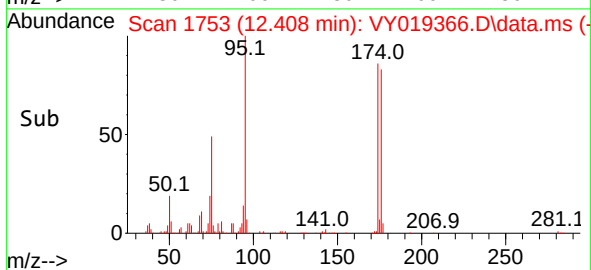
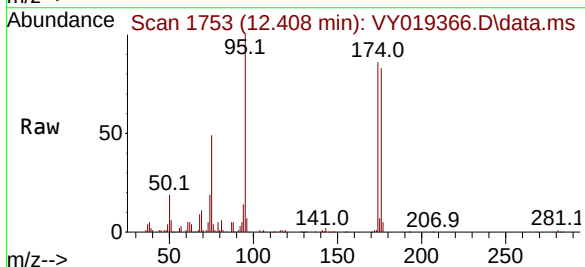


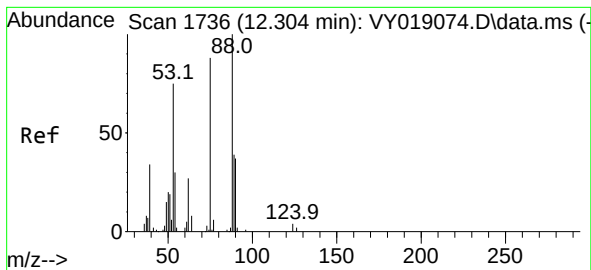
Tgt Ion:152 Resp: 72368
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 155.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 50.574 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019366.D
 Acq: 29 Aug 2024 08:19

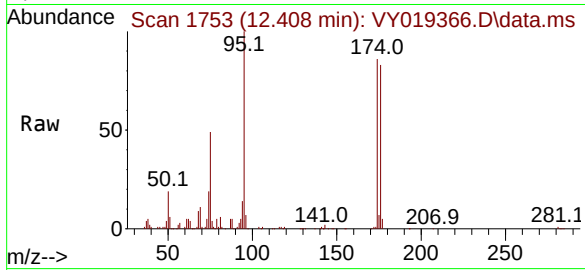
Tgt Ion: 75 Resp: 36094
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.902 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019366.D
 Acq: 29 Aug 2024 08:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36094
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.3 35.8 53.6#

