

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019186.D
 Acq On : 21 Aug 2024 21:55
 Operator : SY/MD
 Sample : P3534-03
 Misc : 12.37g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:20:22 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

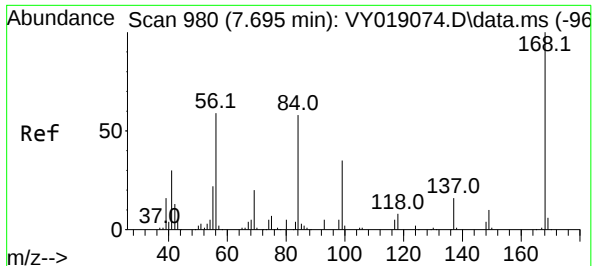
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	94621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	174143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	131716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	47633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	52406	55.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.500%
35) Dibromofluoromethane	7.628	113	56236	49.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.103	98	168554	41.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.260%
62) 4-Bromofluorobenzene	12.408	95	51013	36.520	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.040%

Target Compounds					Qvalue
5) Bromomethane	2.592	94	80	Below Cal	# 48
6) Chloroethane	2.824	64	61	Below Cal	# 42
11) Tert butyl alcohol	4.860	59	91	Below Cal	# 88
20) Methylene Chloride	4.604	84	8277	Below Cal	# 87
31) Cyclohexane	7.701	56	1971	Below Cal	# 24
36) 1,1-Dichloropropene	7.695	75	6835	4.371 ug/l	# 50
38) Carbon Tetrachloride	7.701	117	9543	5.267 ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	27634	58.827 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	27634	145.284 ug/l	# 16

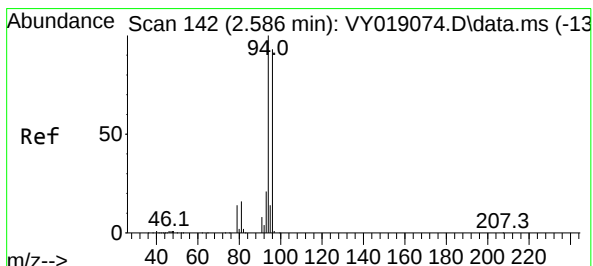
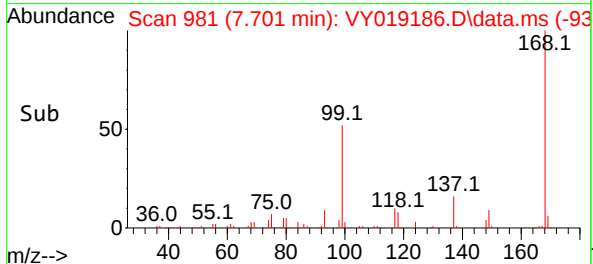
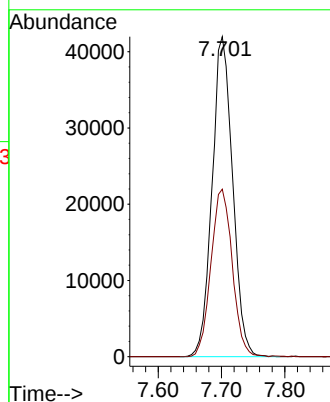
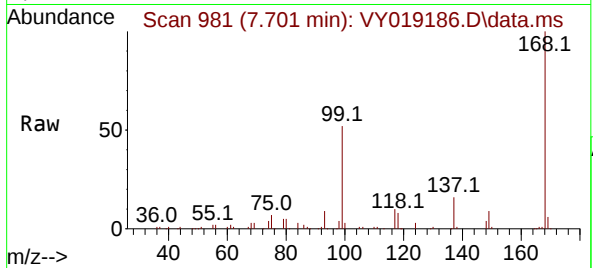
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

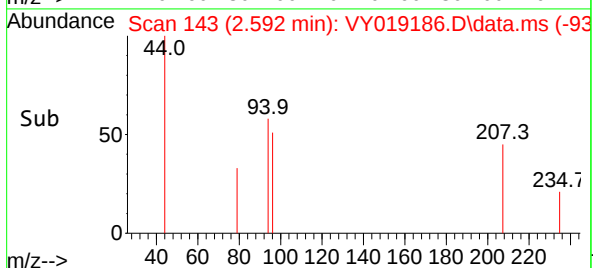
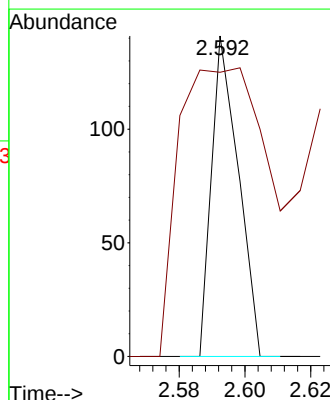
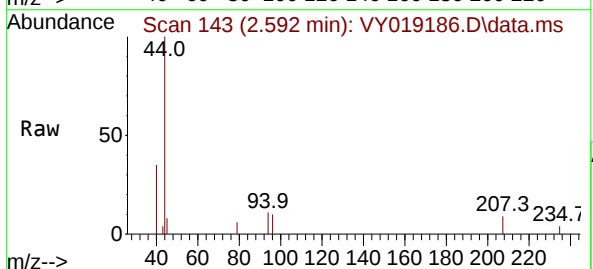
Instrument :
MSVOA_Y
ClientSampleId :

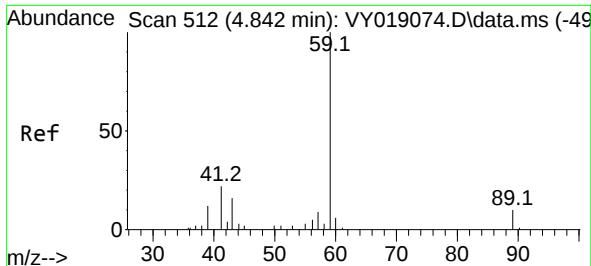
Tgt Ion:168 Resp: 94621
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

Tgt Ion: 94 Resp: 80
Ion Ratio Lower Upper
94 100
96 43.3 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.860 min Scan# 512

Delta R.T. 0.018 min

Lab File: VY019186.D

Acq: 21 Aug 2024 21:55

Instrument :

MSVOA_Y

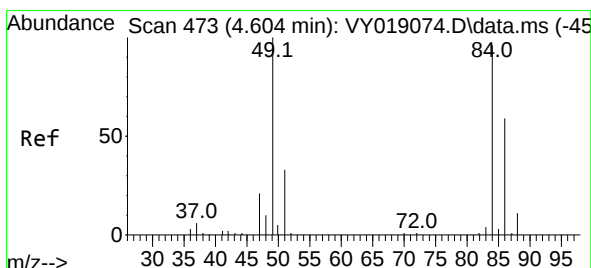
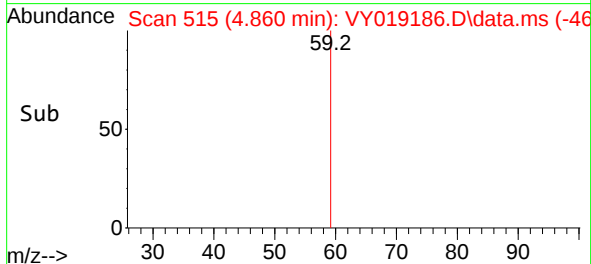
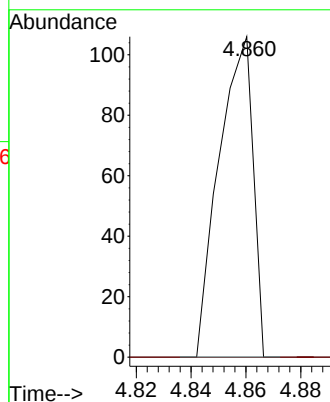
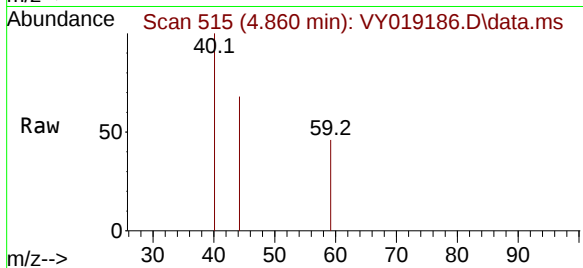
ClientSampleId :

Tgt Ion: 59 Resp: 91

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: VY019186.D

Acq: 21 Aug 2024 21:55

Tgt Ion: 84 Resp: 8277

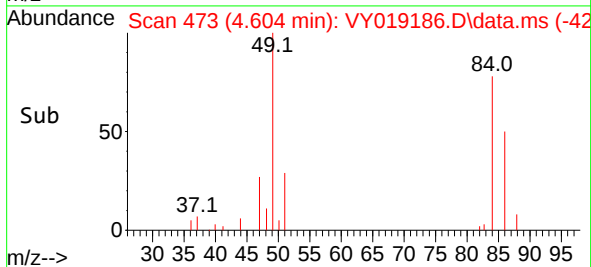
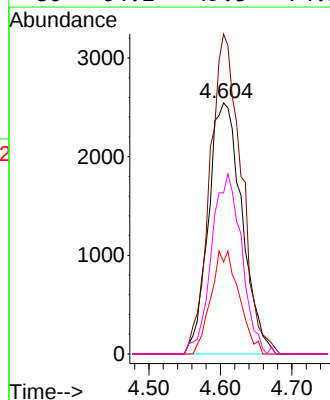
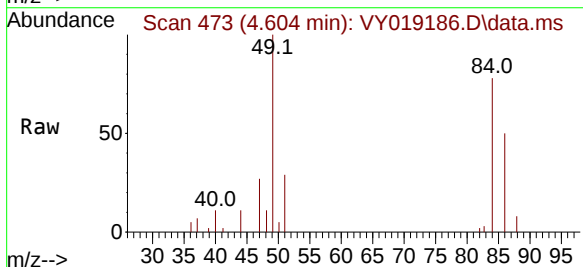
Ion Ratio Lower Upper

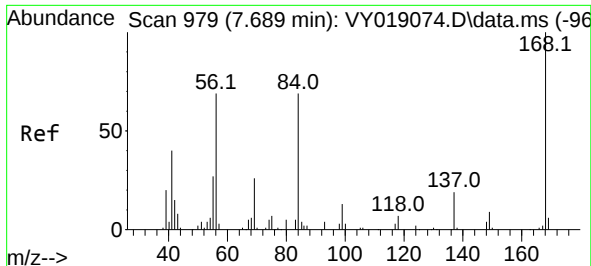
84 100

49 127.5 84.4 126.6#

51 36.6 26.0 39.0

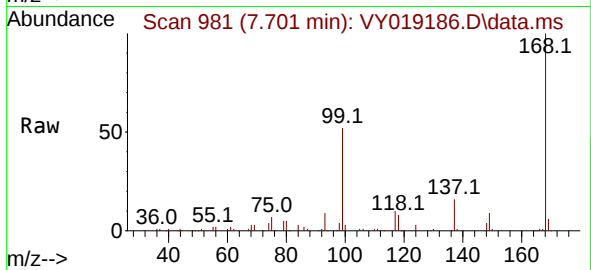
86 64.2 49.5 74.3



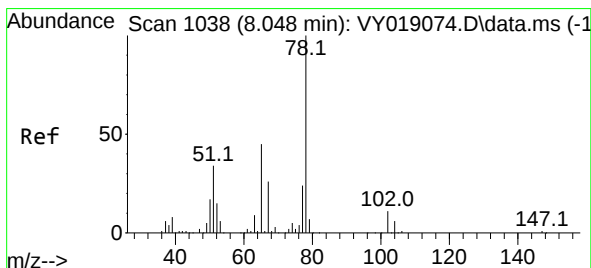
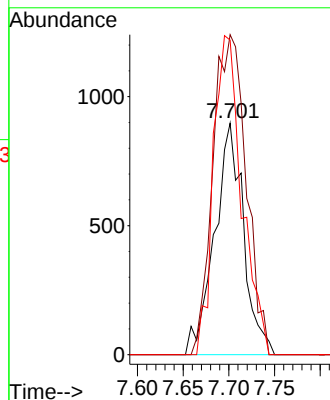
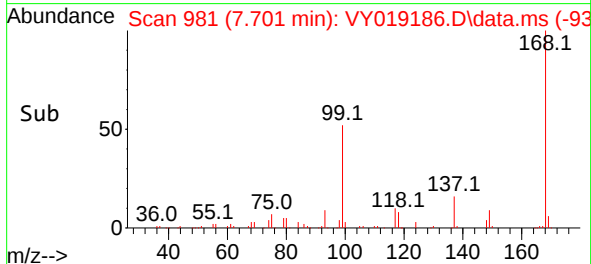


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

Instrument :
MSVOA_Y
ClientSampleId :

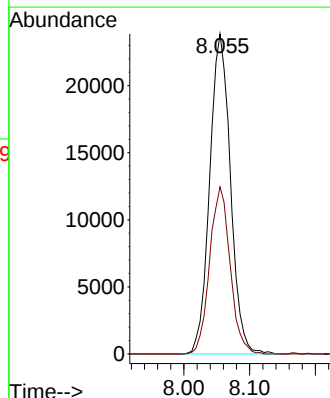
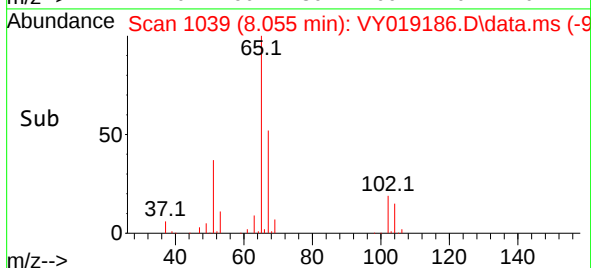
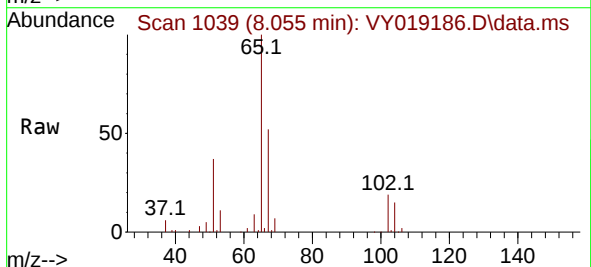


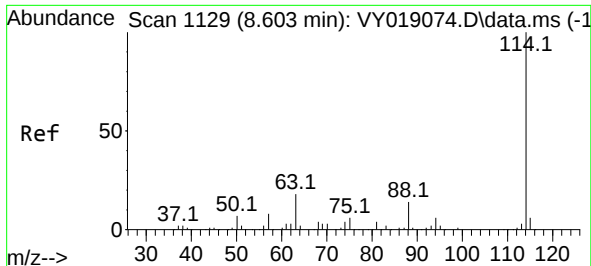
Tgt Ion: 56 Resp: 1971
Ion Ratio Lower Upper
56 100
69 138.2 28.7 43.1#
84 135.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.251 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

Tgt Ion: 65 Resp: 52406
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

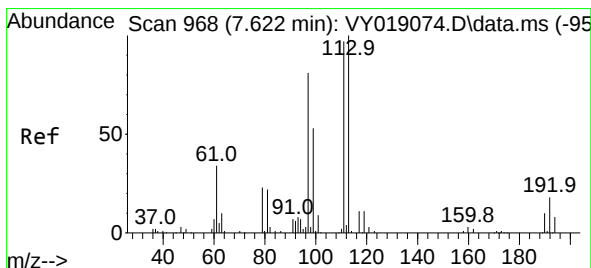
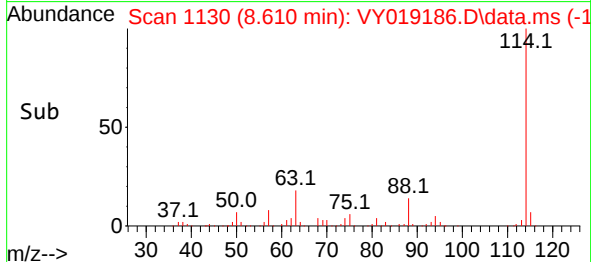
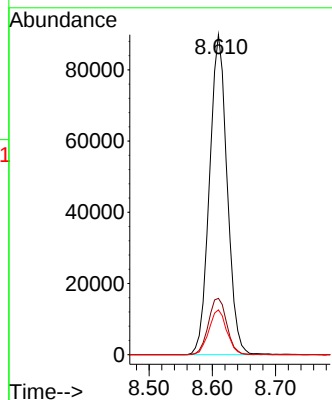
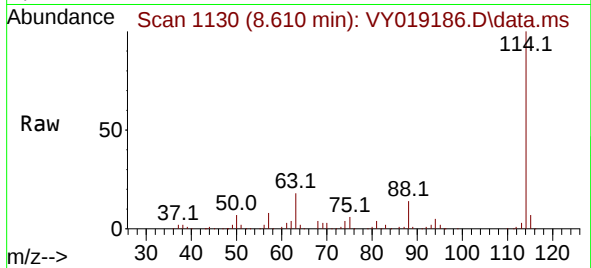




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

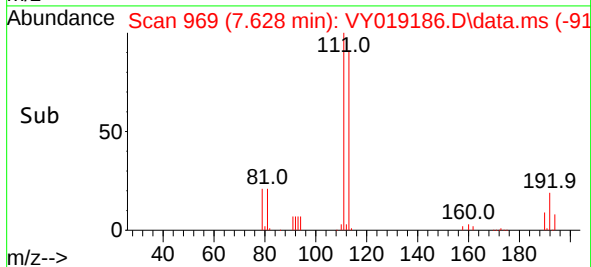
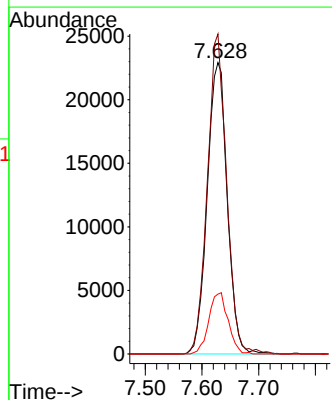
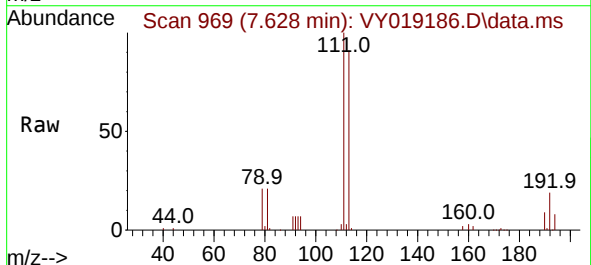
Instrument :
MSVOA_Y
ClientSampleId :

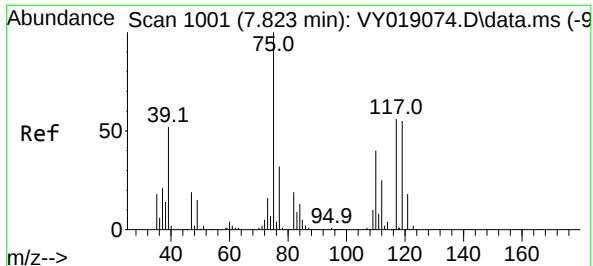
Tgt Ion:114 Resp: 174143
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.388 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

Tgt Ion:113 Resp: 56236
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.4
192 20.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.371 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.128 min

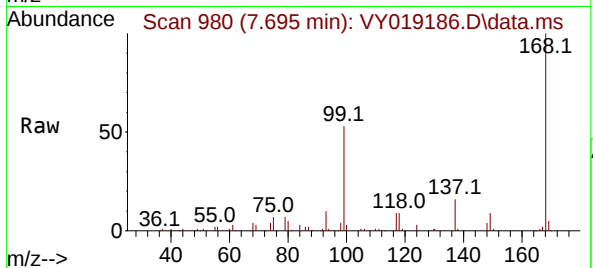
Lab File: VY019186.D

Acq: 21 Aug 2024 21:55

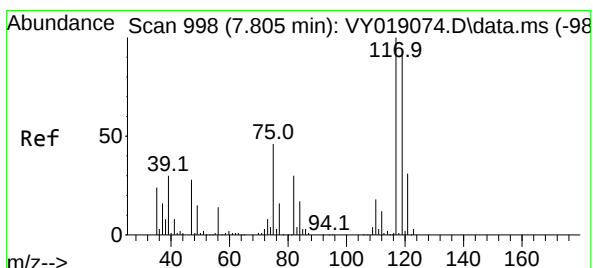
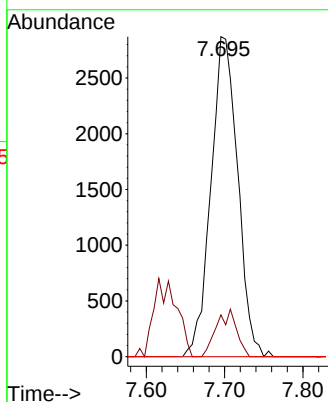
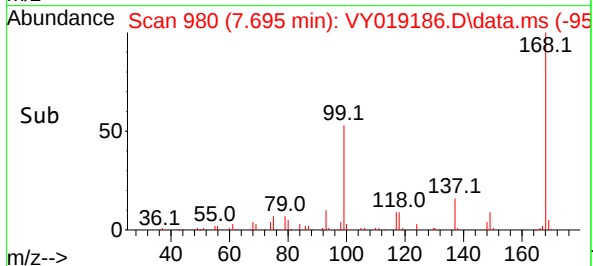
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 6835
Ion Ratio	Lower Upper
75	100
110	11.1 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.267 ug/l

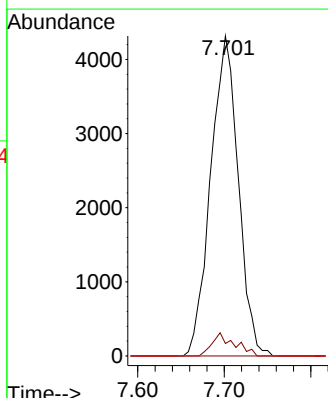
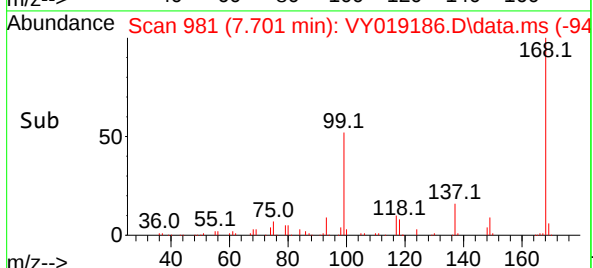
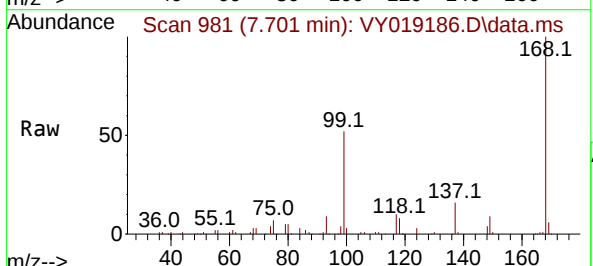
RT: 7.701 min Scan# 981

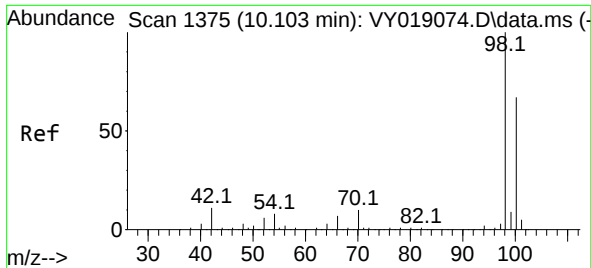
Delta R.T. -0.103 min

Lab File: VY019186.D

Acq: 21 Aug 2024 21:55

Tgt Ion: 117	Resp: 9543
Ion Ratio	Lower Upper
117	100
119	3.9 75.8 113.6#
121	0.0 24.0 36.0#

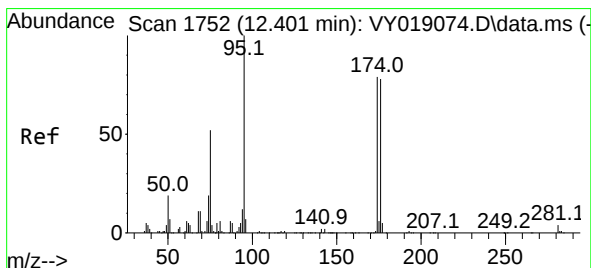
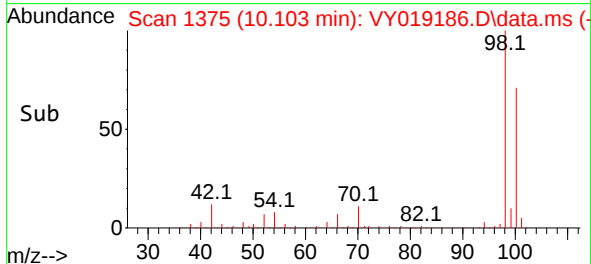
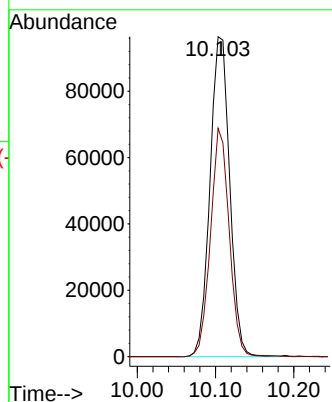
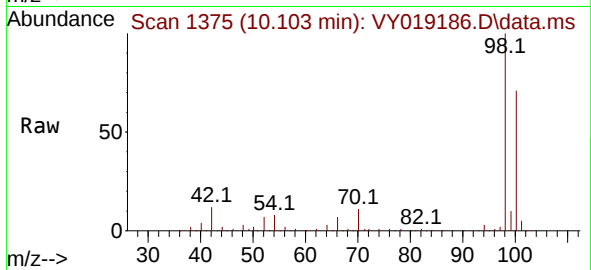




#50
Toluene-d8
Concen: 41.135 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

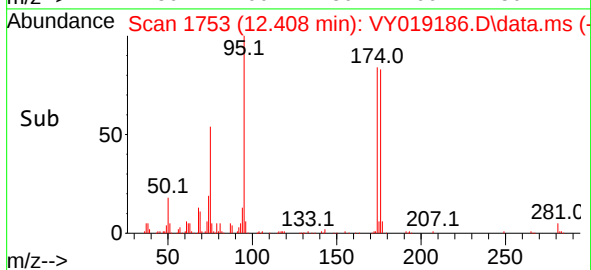
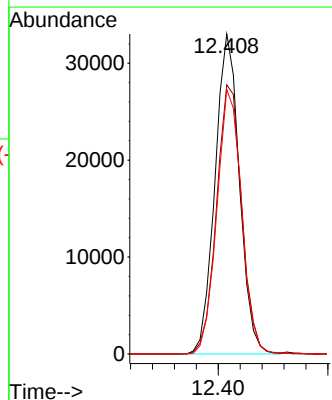
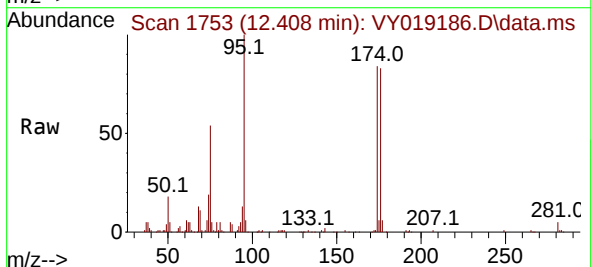
Instrument :
MSVOA_Y
ClientSampleId :

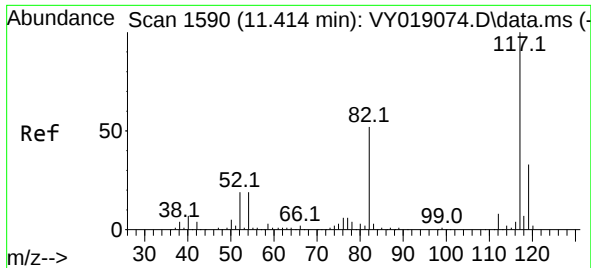
Tgt Ion: 98 Resp: 168554
Ion Ratio Lower Upper
98 100
100 67.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.520 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

Tgt Ion: 95 Resp: 51013
Ion Ratio Lower Upper
95 100
174 86.8 0.0 175.6
176 83.8 0.0 171.4

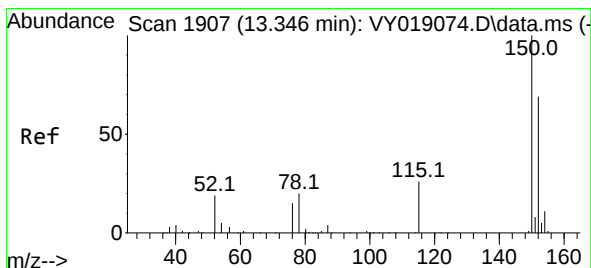
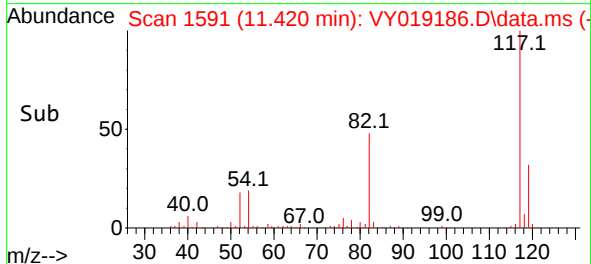
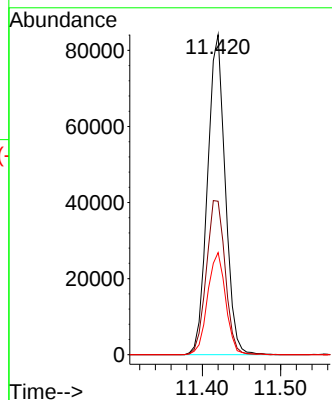
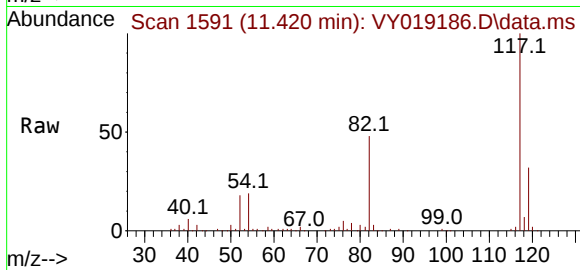




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

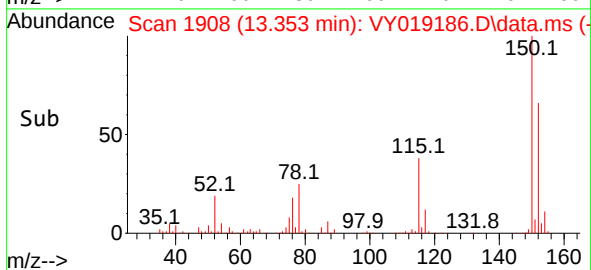
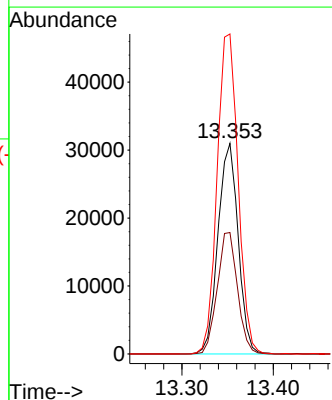
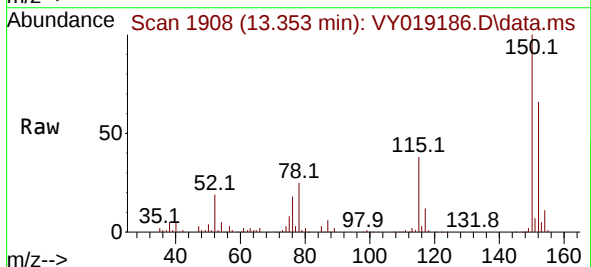
Instrument :
MSVOA_Y
ClientSampleId :

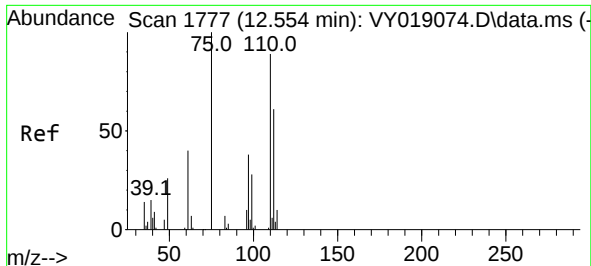
Tgt Ion:117 Resp: 131716
Ion Ratio Lower Upper
117 100
82 47.9 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

Tgt Ion:152 Resp: 47633
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 157.9 0.0 345.6

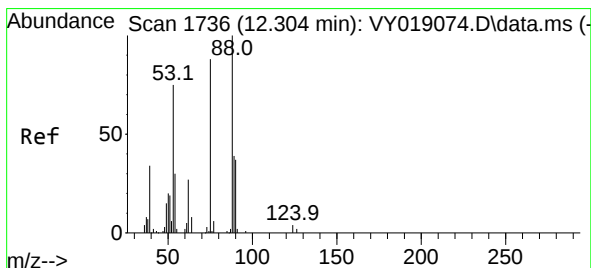
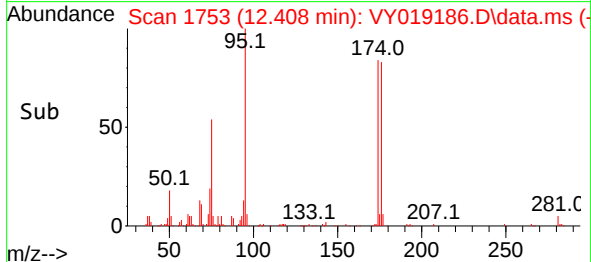
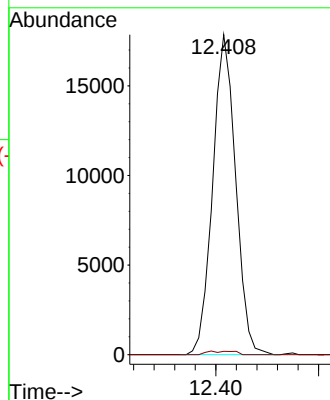
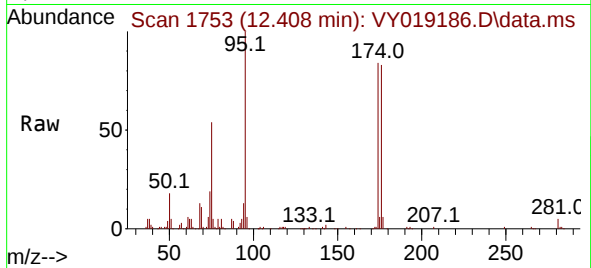




#76
1,2,3-Trichloropropane
Concen: 58.827 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 27634
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.284 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

Tgt Ion: 75 Resp: 27634
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

