

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019185.D
 Acq On : 21 Aug 2024 21:31
 Operator : SY/MD
 Sample : P3643-08
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

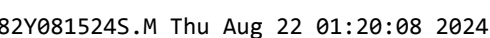
Quant Time: Aug 22 01:19:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	26384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	39716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	28824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	8534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	10993	41.565	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.120%
35) Dibromofluoromethane	7.628	113	12238	47.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.260%
50) Toluene-d8	10.103	98	37977	40.638	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.280%
62) 4-Bromofluorobenzene	12.408	95	9195	28.863	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	57.720%
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	223	Below Cal	#	59
6) Chloroethane	2.708	64	22	Below Cal	#	42
16) Acetone	3.860	43	752	15.332	ug/l #	36
20) Methylene Chloride	4.610	84	825	Below Cal	#	90
31) Cyclohexane	7.701	56	660	Below Cal	#	63
36) 1,1-Dichloropropene	7.695	75	1908	5.351	ug/l #	42
38) Carbon Tetrachloride	7.701	117	3178	7.690	ug/l #	13
51) 4-Methyl-2-Pentanone	10.103	43	300	1.769	ug/l #	32
55) 1,1,2-Trichloroethane	10.536	97	212	1.042	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	5480	65.113	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	5480	160.809	ug/l #	16

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

Quant Time: Aug 22 01:19:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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QLast Update : Fri Aug 16 05:10:30 2024
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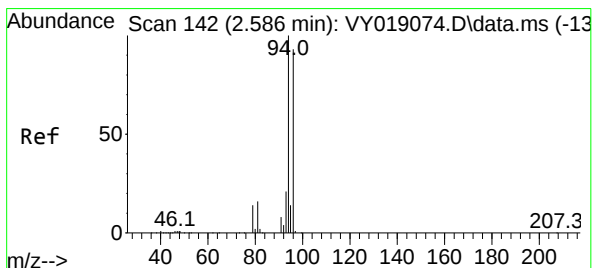
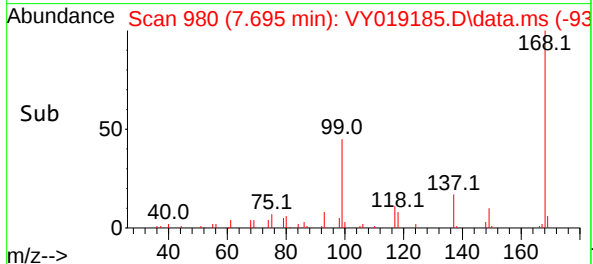
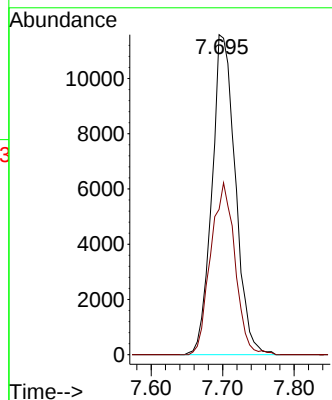
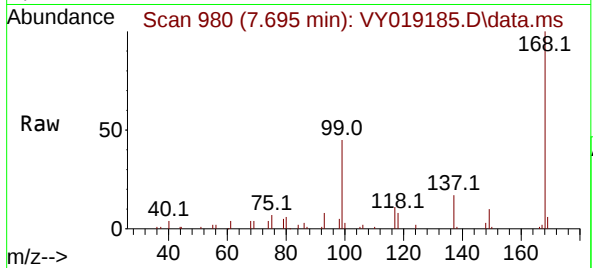




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

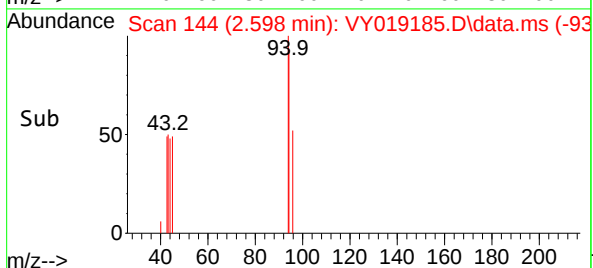
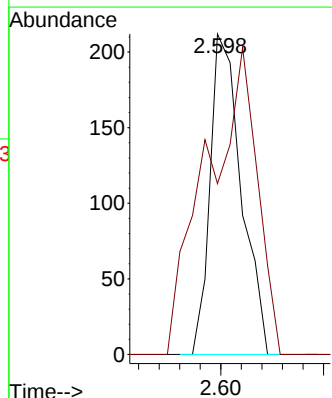
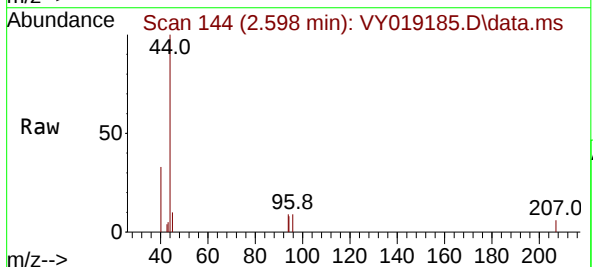
Instrument :
MSVOA_Y
ClientSampleId :

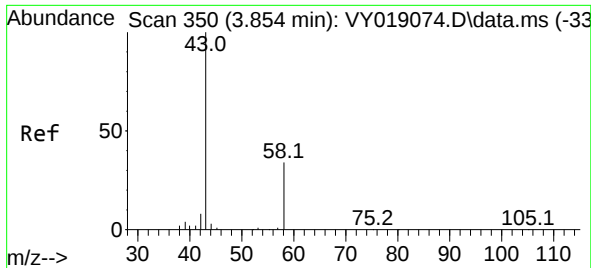
Tgt Ion:168 Resp: 26384
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 53.3 74.1 111.1#

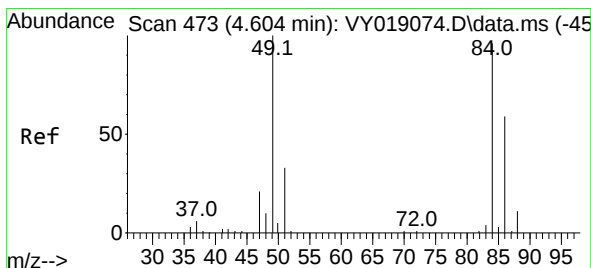
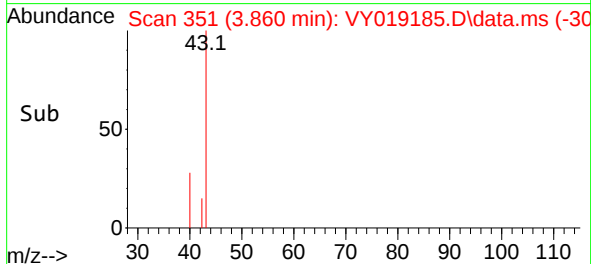
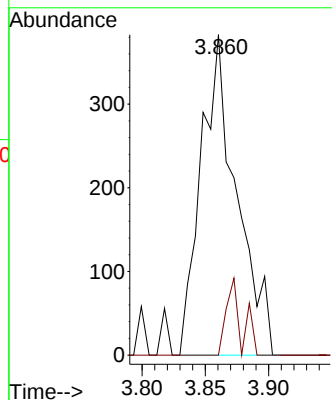
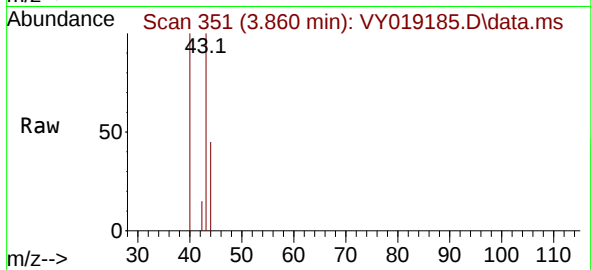




#16
Acetone
Concen: 15.332 ug/l
RT: 3.860 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

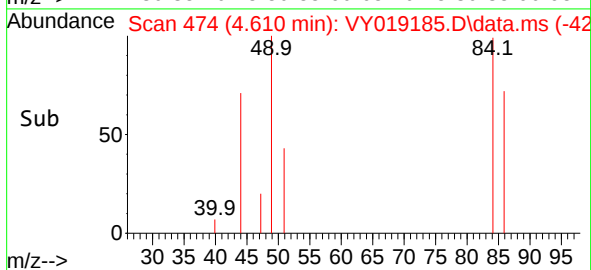
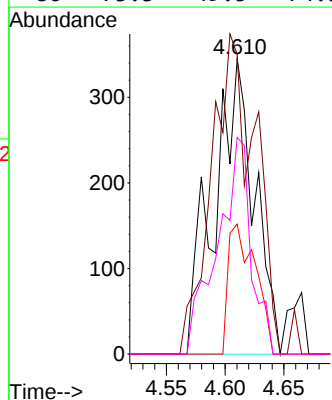
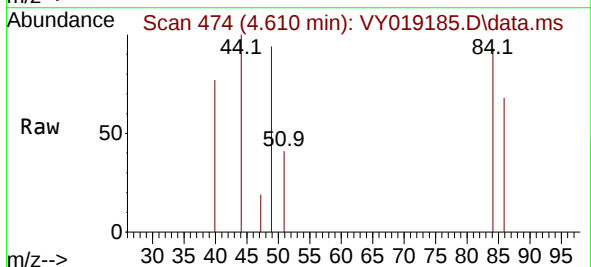
Instrument :
MSVOA_Y
ClientSampleId :

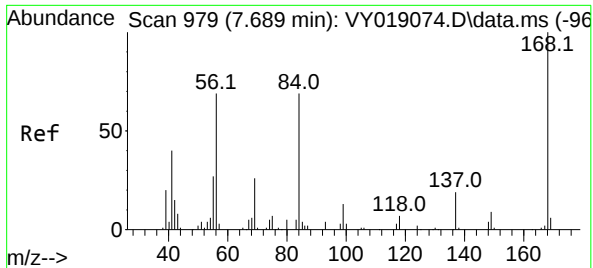
Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

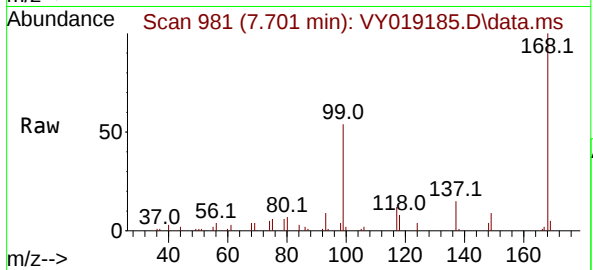
Tgt Ion: 84 Resp: 825
Ion Ratio Lower Upper
84 100
49 101.4 84.4 126.6
51 44.1 26.0 39.0#
86 73.3 49.5 74.3



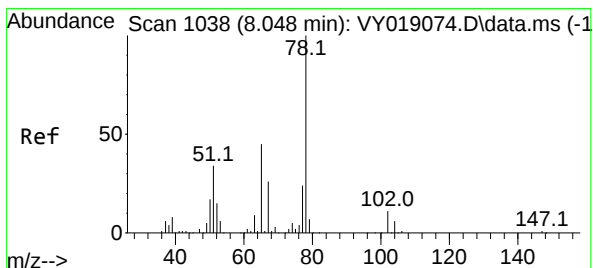
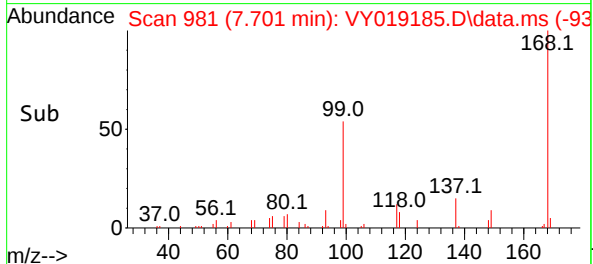
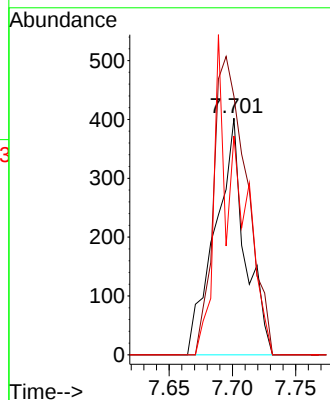


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

Instrument :
MSVOA_Y
ClientSampleId :

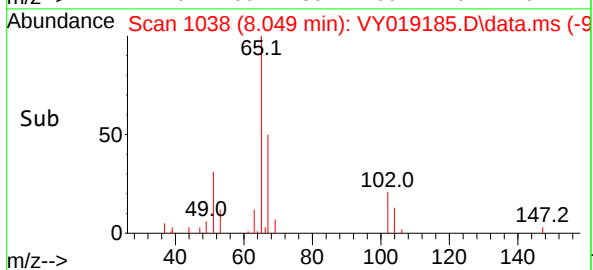
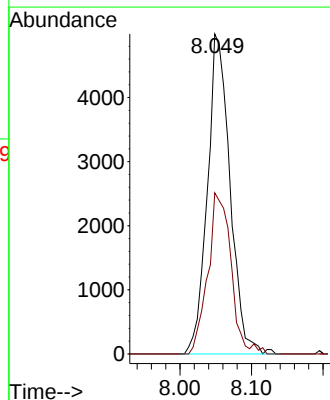
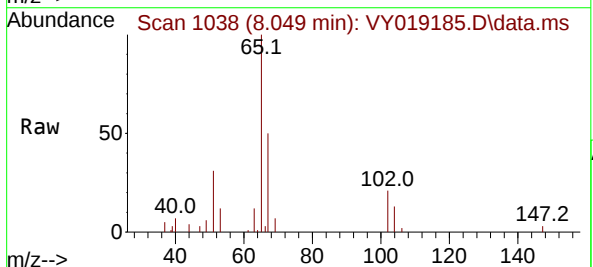


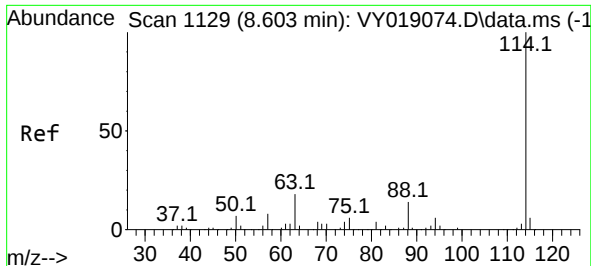
Tgt Ion: 56 Resp: 660
Ion Ratio Lower Upper
56 100
69 109.2 28.7 43.1#
84 92.5 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 41.565 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

Tgt Ion: 65 Resp: 10993
Ion Ratio Lower Upper
65 100
67 50.3 0.0 109.6

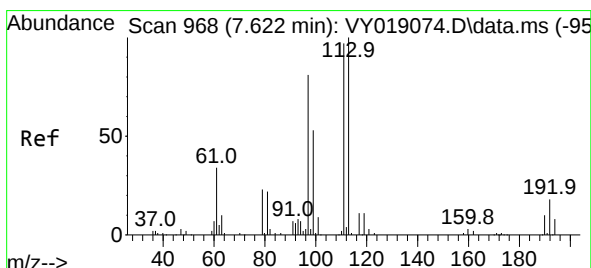
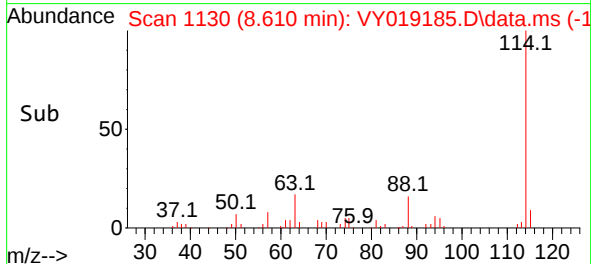
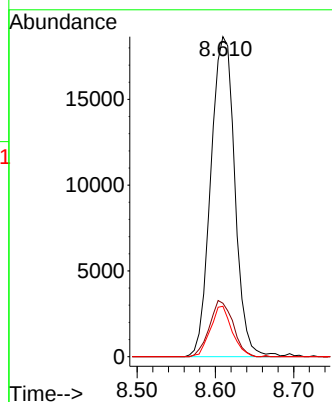
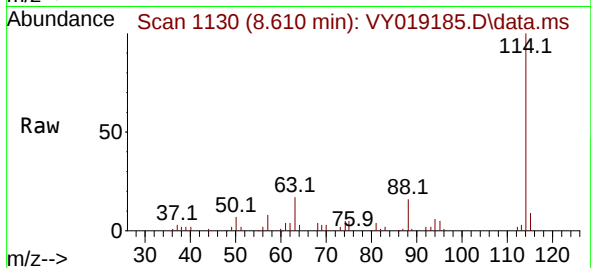




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

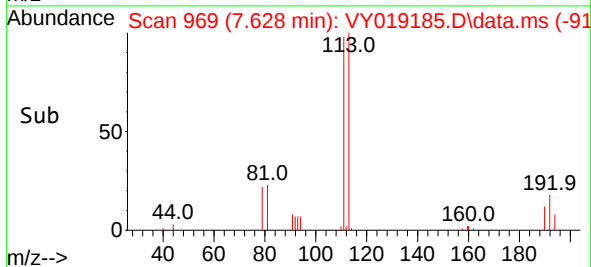
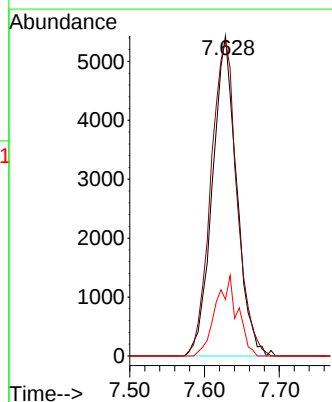
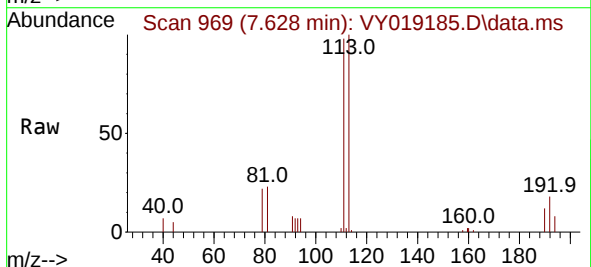
Instrument :
MSVOA_Y
ClientSampleId :

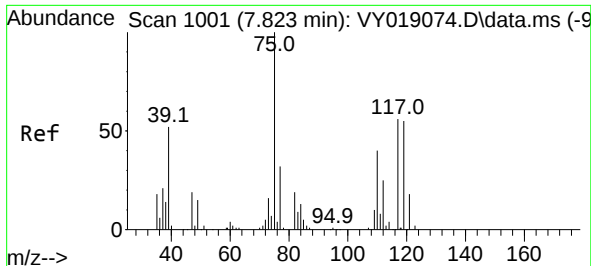
Tgt Ion:114 Resp: 39716
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.126 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

Tgt Ion:113 Resp: 12238
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.4
192 22.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.351 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.128 min

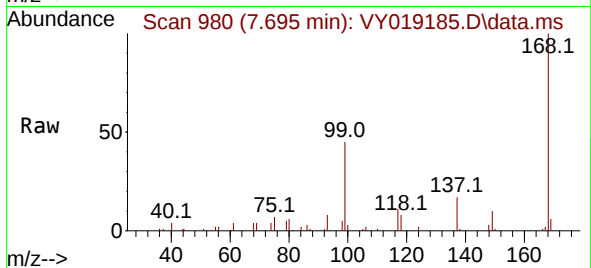
Lab File: VY019185.D

Acq: 21 Aug 2024 21:31

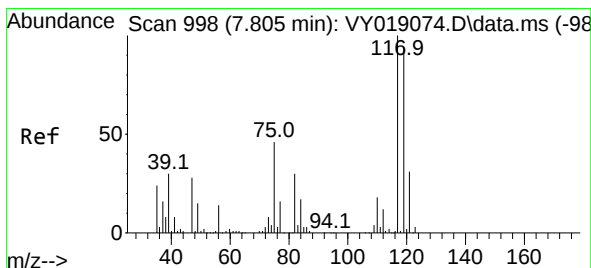
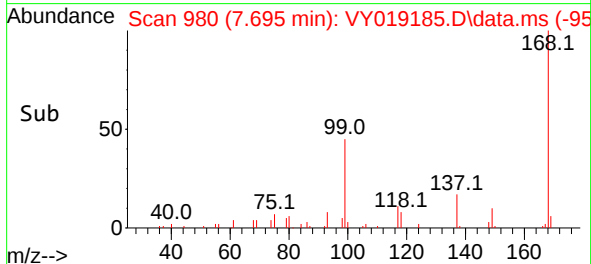
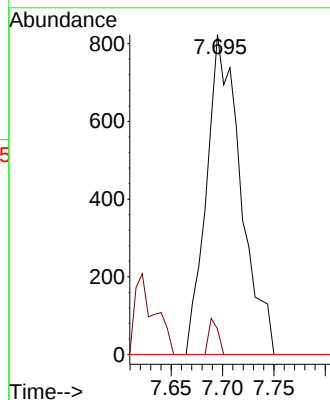
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 1908
Ion Ratio	Lower Upper
75 100	
110 3.0	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 7.690 ug/l

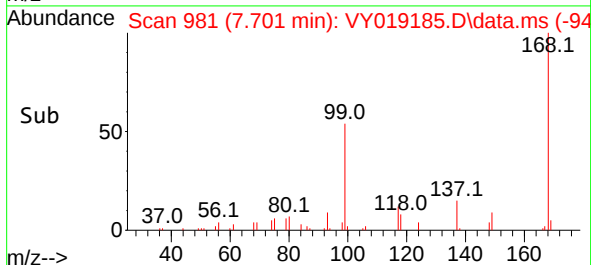
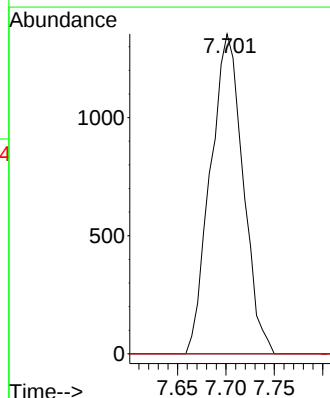
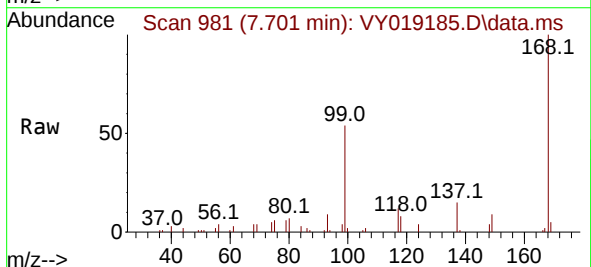
RT: 7.701 min Scan# 981

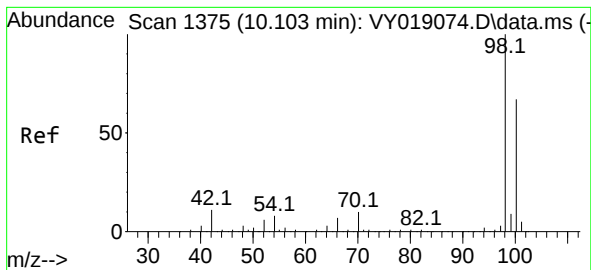
Delta R.T. -0.103 min

Lab File: VY019185.D

Acq: 21 Aug 2024 21:31

Tgt Ion: 117	Resp: 3178
Ion Ratio	Lower Upper
117 100	
119 0.0	75.8 113.6#
121 0.0	24.0 36.0#





#50

Toluene-d8

Concen: 40.638 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019185.D

Acq: 21 Aug 2024 21:31

Instrument :

MSVOA_Y

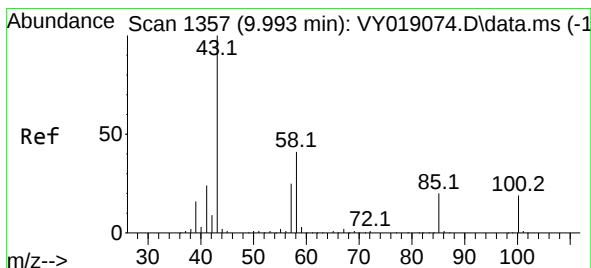
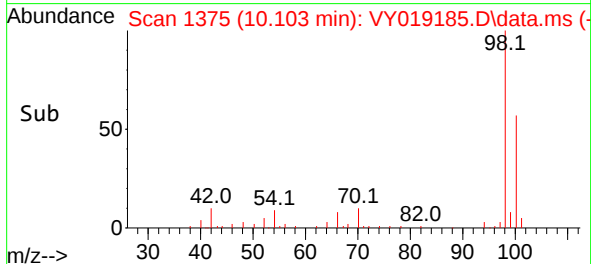
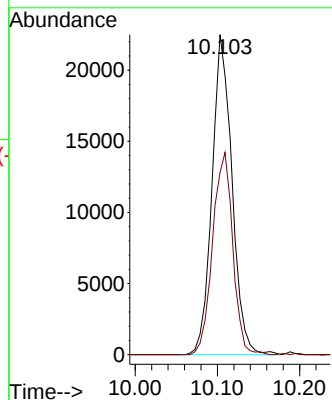
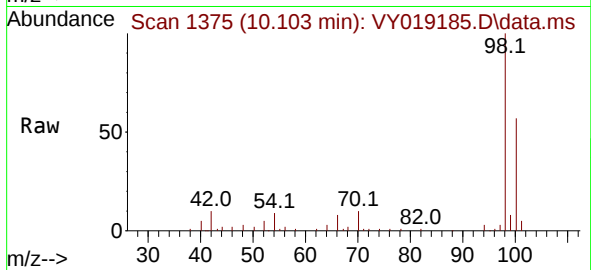
ClientSampleId :

Tgt Ion: 98 Resp: 37977

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.769 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.110 min

Lab File: VY019185.D

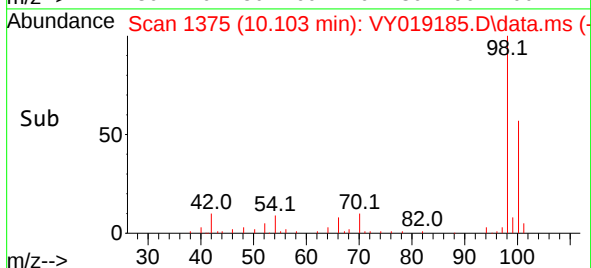
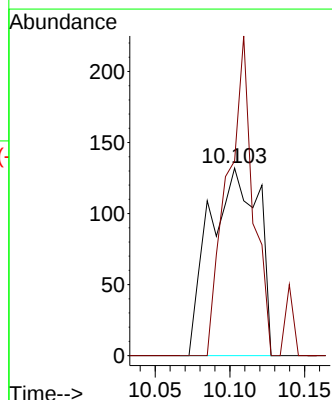
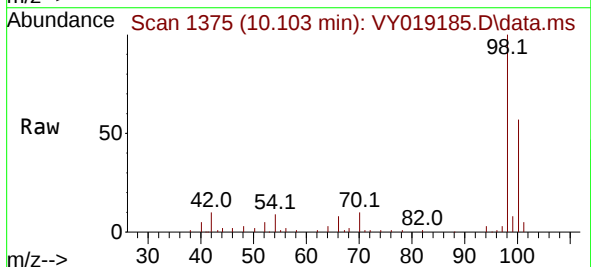
Acq: 21 Aug 2024 21:31

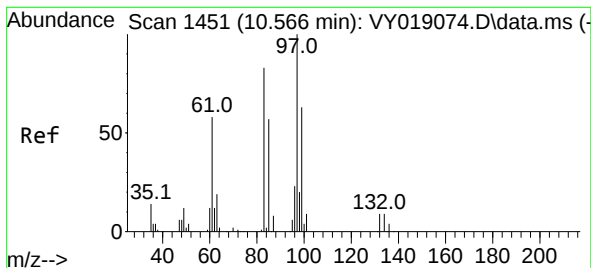
Tgt Ion: 43 Resp: 300

Ion Ratio Lower Upper

43 100

58 89.0 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 1.042 ug/l

RT: 10.536 min Scan# 1446

Delta R.T. -0.030 min

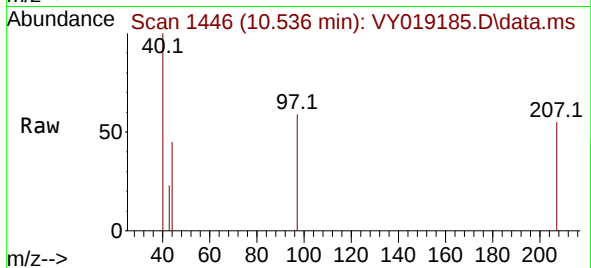
Lab File: VY019185.D

Acq: 21 Aug 2024 21:31

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 212

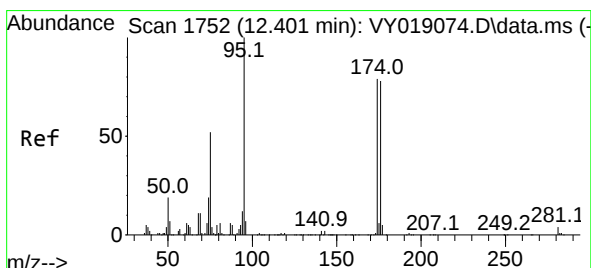
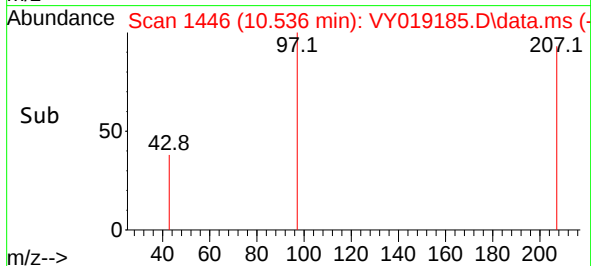
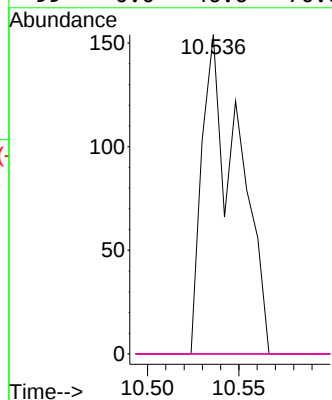
Ion Ratio Lower Upper

97 100

83 0.0 67.5 101.3#

85 0.0 42.9 64.3#

99 0.0 46.6 70.0#



#62

4-Bromofluorobenzene

Concen: 28.863 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019185.D

Acq: 21 Aug 2024 21:31

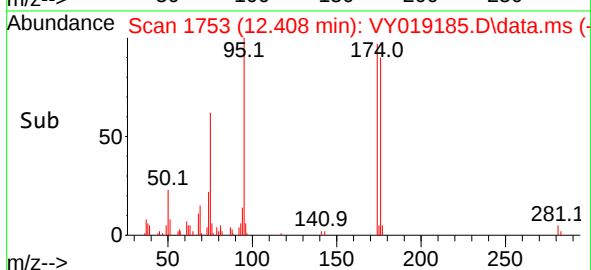
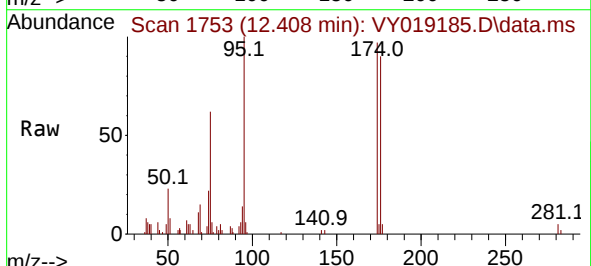
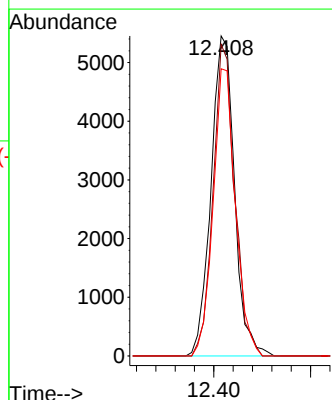
Tgt Ion: 95 Resp: 9195

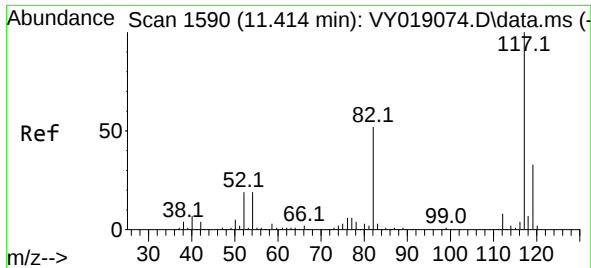
Ion Ratio Lower Upper

95 100

174 89.4 0.0 175.6

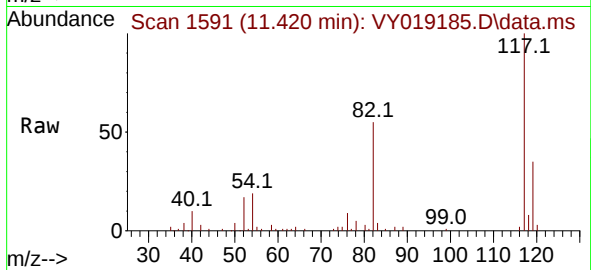
176 85.3 0.0 171.4



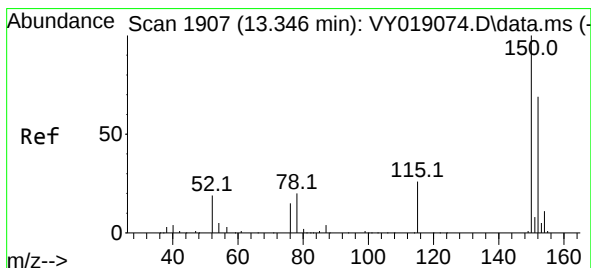
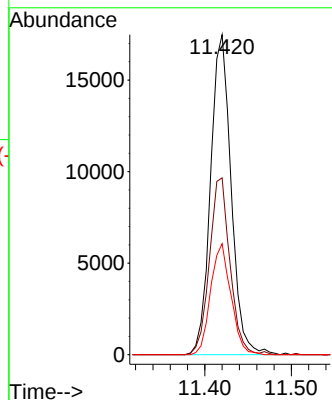
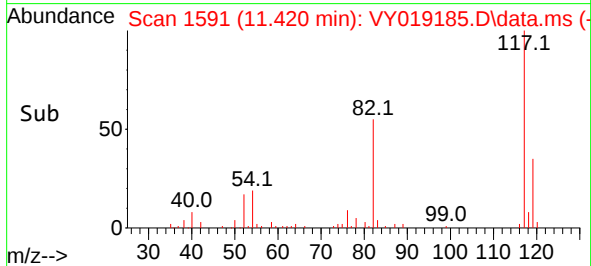


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

Instrument :
MSVOA_Y
ClientSampleId :

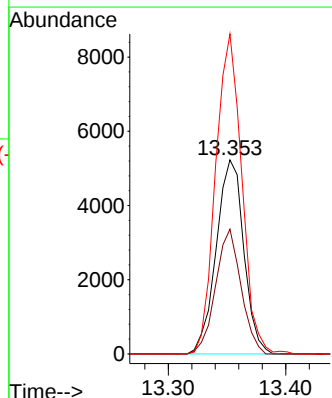
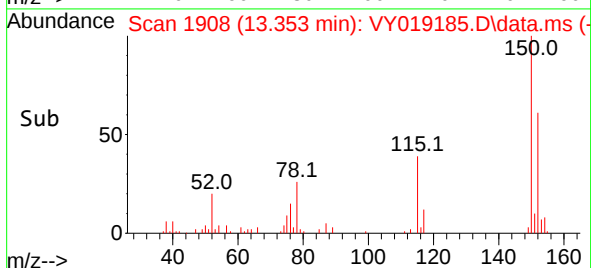
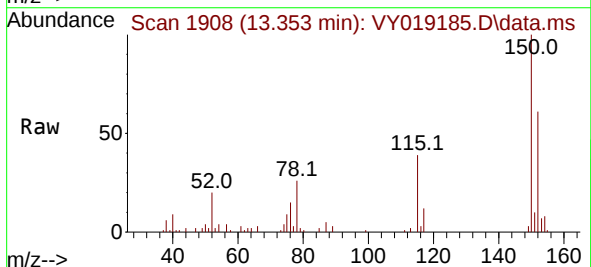


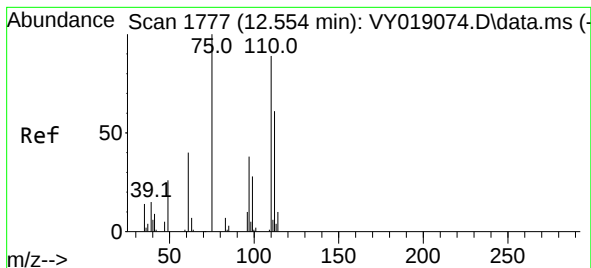
Tgt Ion:117 Resp: 28824
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 34.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

Tgt Ion:152 Resp: 8534
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 156.0 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 65.113 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019185.D

Acq: 21 Aug 2024 21:31

Instrument :

MSVOA_Y

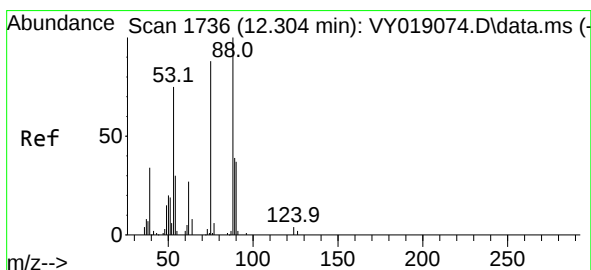
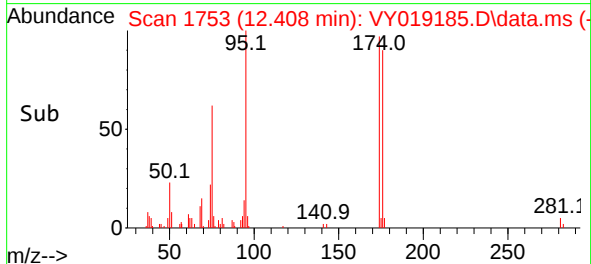
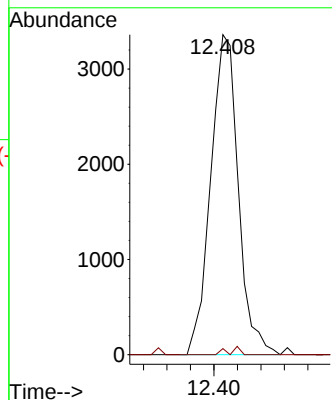
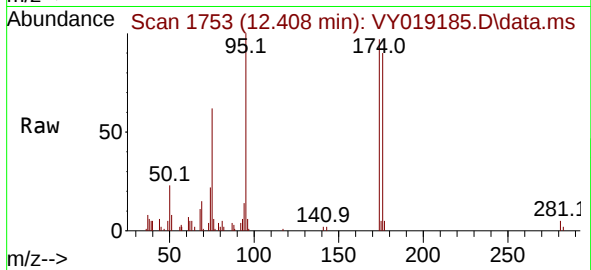
ClientSampleId :

Tgt Ion: 75 Resp: 5480

Ion Ratio Lower Upper

75 100

77 0.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 160.809 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019185.D

Acq: 21 Aug 2024 21:31

Tgt Ion: 75 Resp: 5480

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

