

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019197.D
 Acq On : 22 Aug 2024 04:09
 Operator : SY/MD
 Sample : P3671-03
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

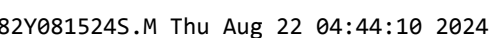
Quant Time: Aug 22 04:44:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

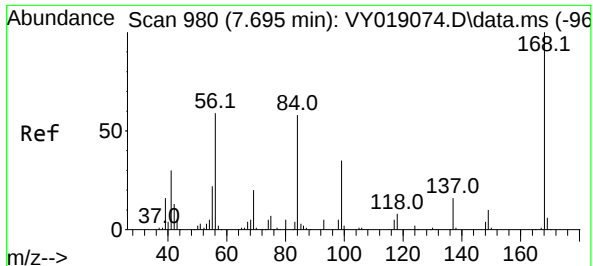
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	50446	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.610	114	83096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	56389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	13012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	20645	40.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.660%
35) Dibromofluoromethane	7.628	113	25315	46.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.180%
50) Toluene-d8	10.103	98	86863	44.425	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.860%
62) 4-Bromofluorobenzene	12.408	95	16872	25.313	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	50.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	411	Below Cal		84
6) Chloroethane	2.757	64	25	Below Cal	#	42
11) Tert butyl alcohol	4.842	59	44	Below Cal	#	88
16) Acetone	3.860	43	162	1.727	ug/l #	36
20) Methylene Chloride	4.598	84	2028	Below Cal	#	72
31) Cyclohexane	7.701	56	1133	Below Cal	#	61
36) 1,1-Dichloropropene	7.707	75	3914	5.246	ug/l #	49
38) Carbon Tetrachloride	7.701	117	4997	5.779	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	360	1.015	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	8834	68.842	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	8834	170.018	ug/l #	16

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

Quant Time: Aug 22 04:44:01 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

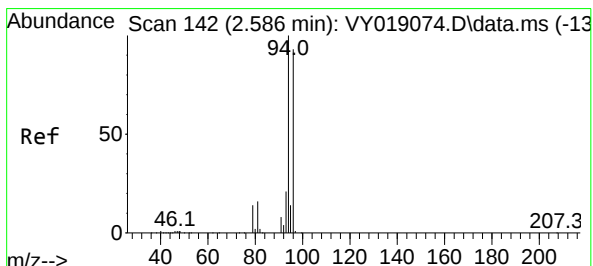
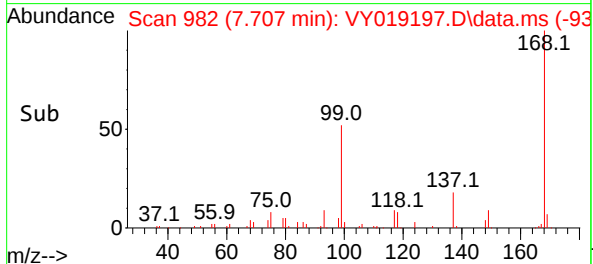
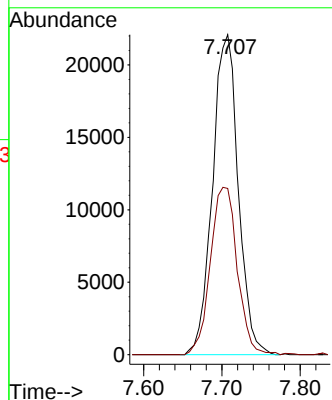
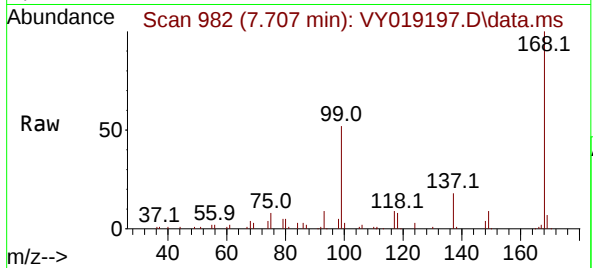




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

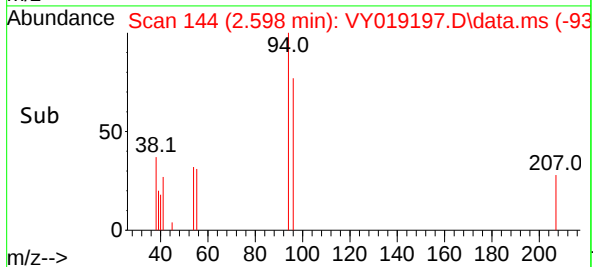
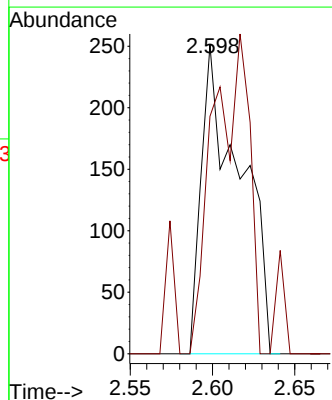
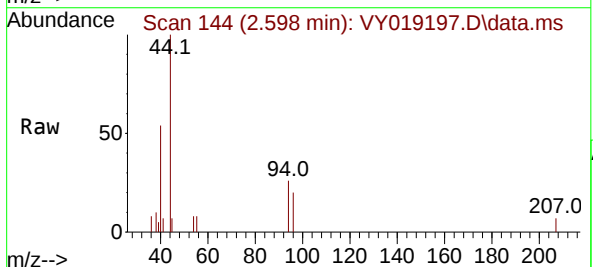
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 50446
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Tgt Ion: 94 Resp: 411
Ion Ratio Lower Upper
94 100
96 76.9 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.842 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY019197.D

Acq: 22 Aug 2024 04:09

Instrument :

MSVOA_Y

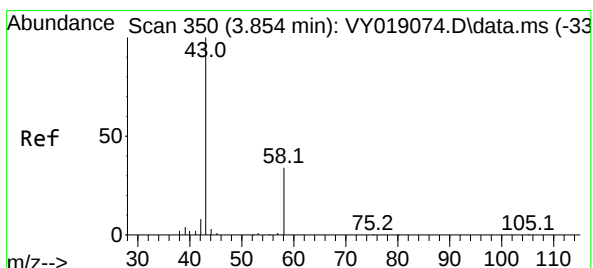
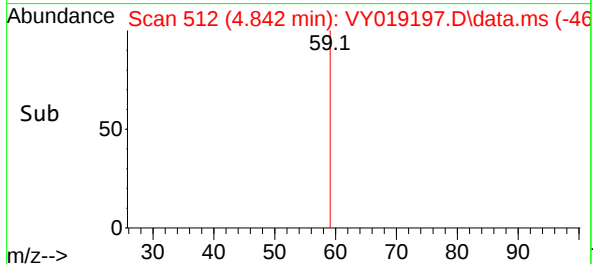
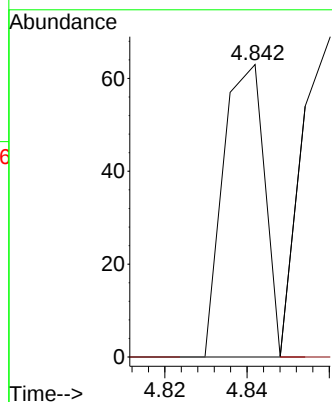
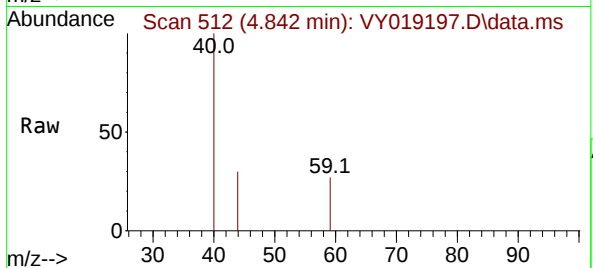
ClientSampleId :

Tgt Ion: 59 Resp: 44

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 1.727 ug/l

RT: 3.860 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY019197.D

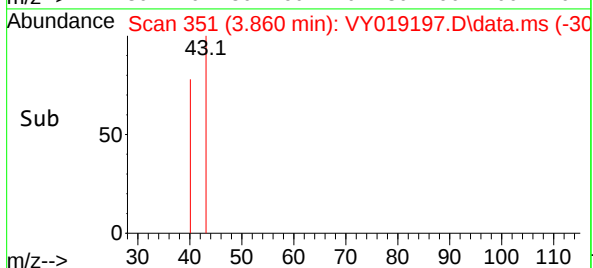
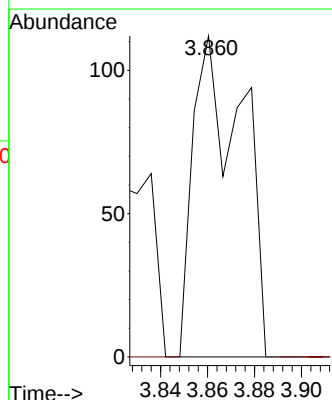
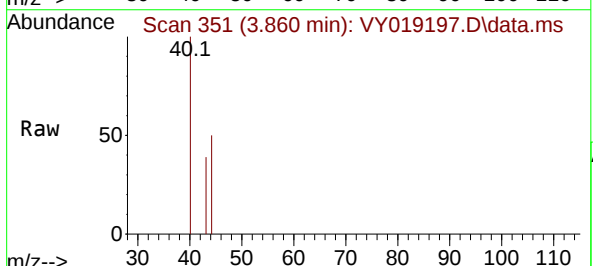
Acq: 22 Aug 2024 04:09

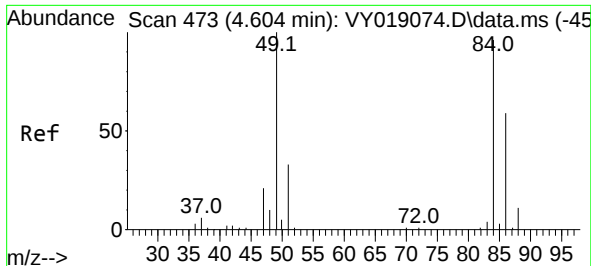
Tgt Ion: 43 Resp: 162

Ion Ratio Lower Upper

43 100

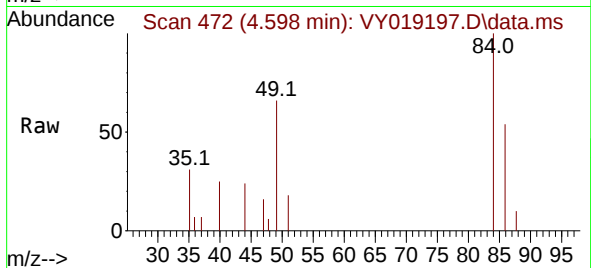
58 0.0 31.7 47.5#



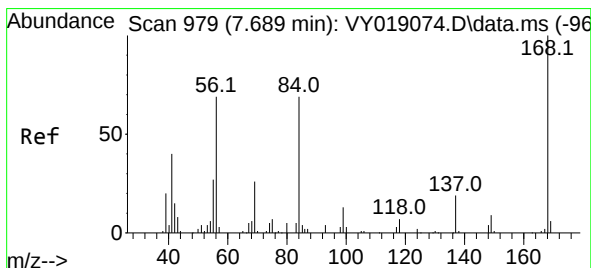
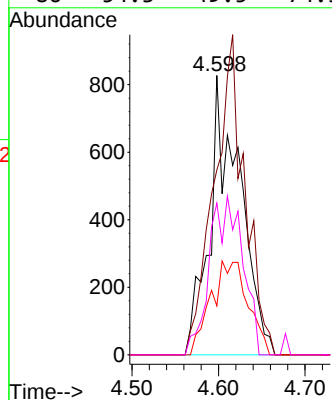


#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Instrument :
MSVOA_Y
ClientSampleId :

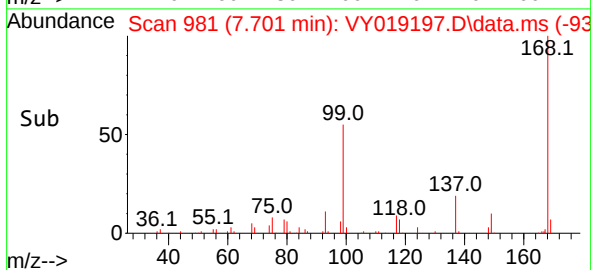
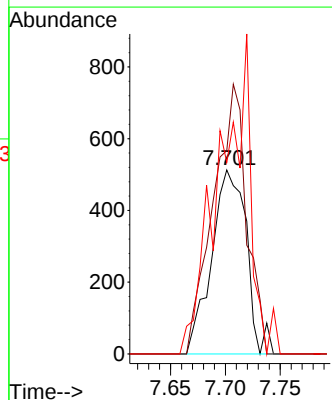
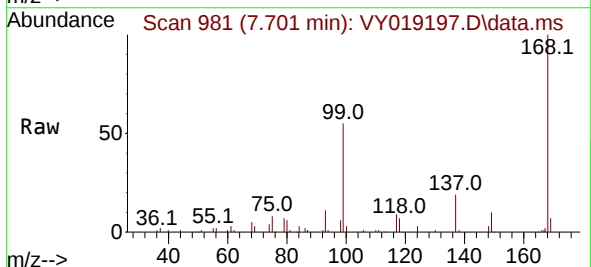


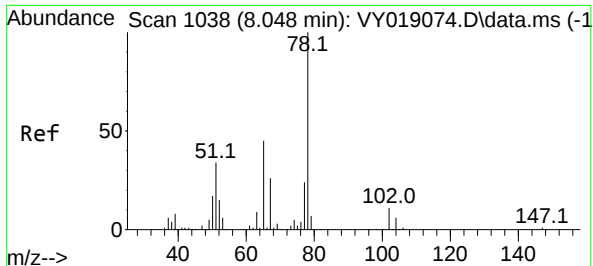
Tgt Ion:	84	Resp:	2028
Ion	Ratio	Lower	Upper
84	100		
49	66.1	84.4	126.6#
51	17.5	26.0	39.0#
86	54.3	49.5	74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Tgt Ion:	56	Resp:	1133
Ion	Ratio	Lower	Upper
56	100		
69	110.5	28.7	43.1#
84	104.1	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 40.826 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019197.D

Acq: 22 Aug 2024 04:09

Instrument :

MSVOA_Y

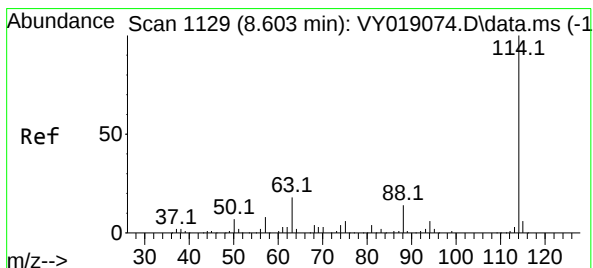
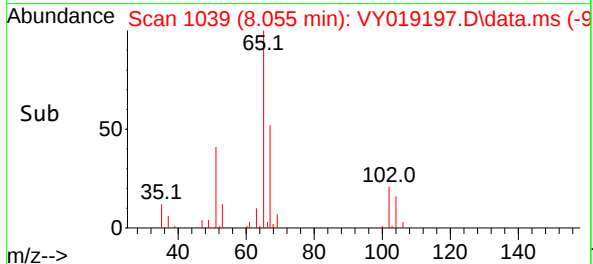
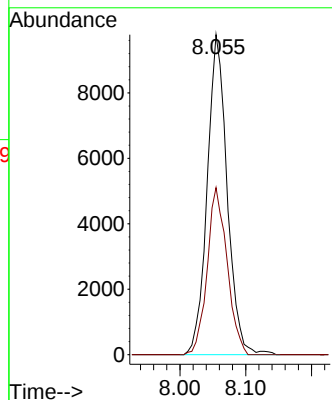
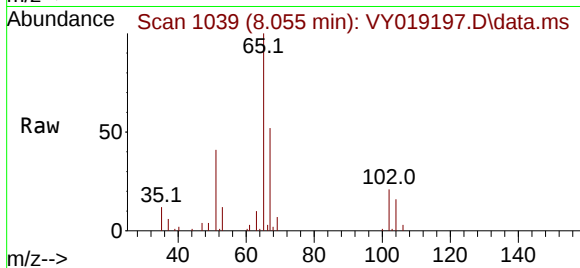
ClientSampleId :

Tgt Ion: 65 Resp: 20645

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019197.D

Acq: 22 Aug 2024 04:09

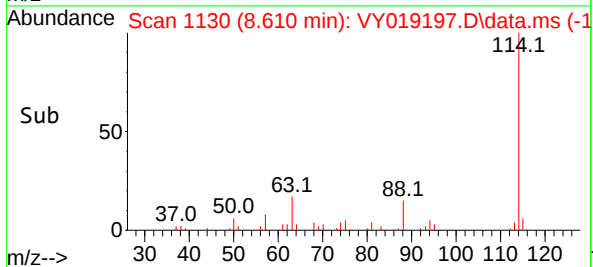
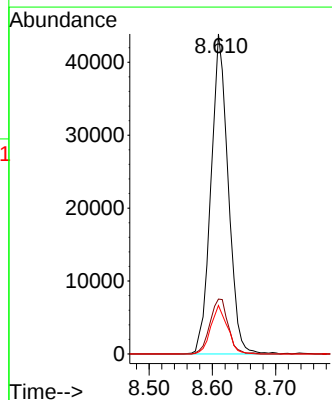
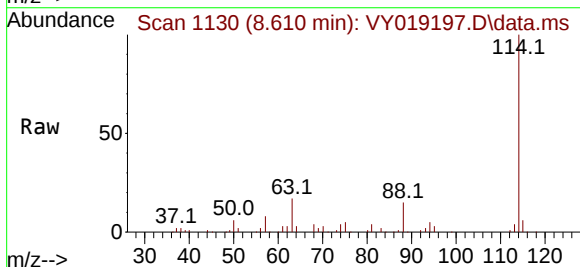
Tgt Ion: 114 Resp: 83096

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 15.2 0.0 27.2

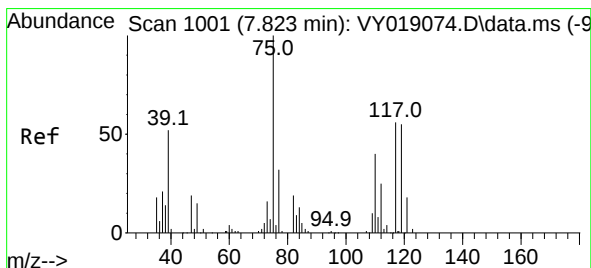
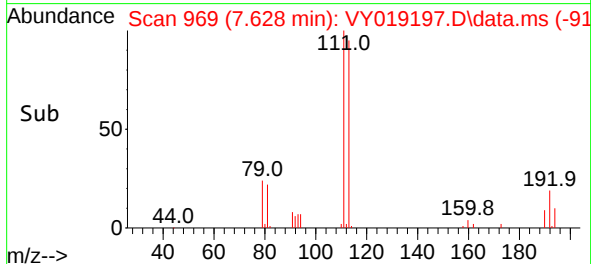
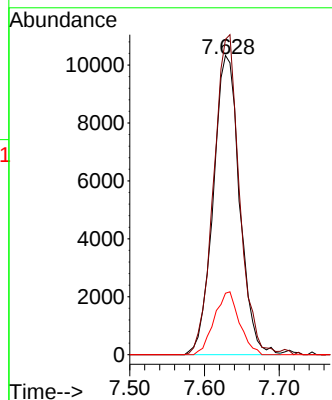
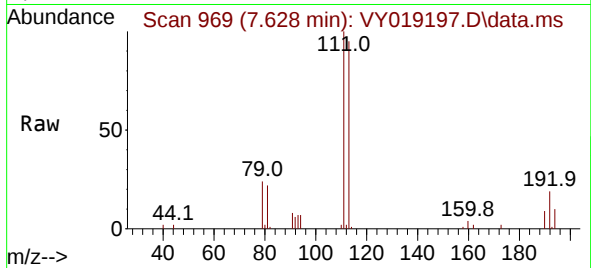




#35
Dibromofluoromethane
Concen: 46.592 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

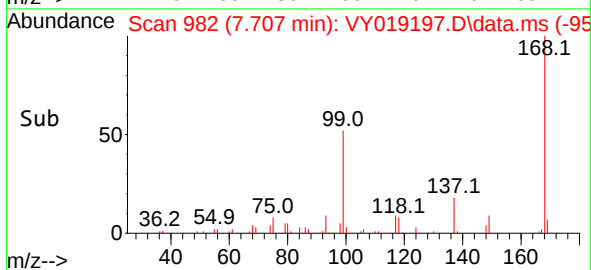
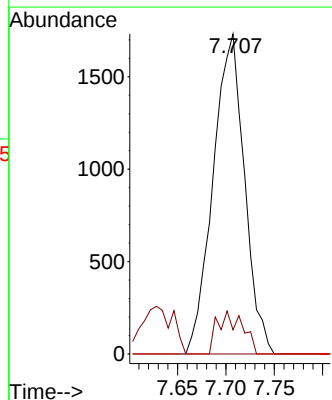
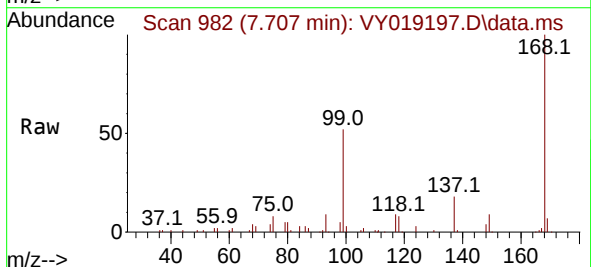
Instrument :
MSVOA_Y
ClientSampleId :

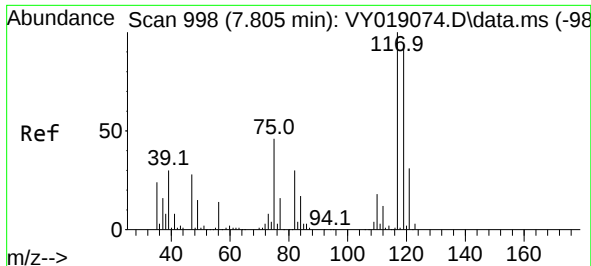
Tgt Ion:113 Resp: 25315
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.246 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.115 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

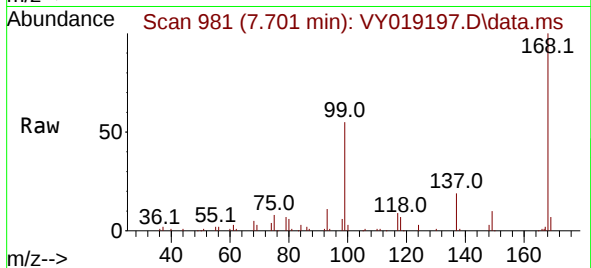
Tgt Ion: 75 Resp: 3914
Ion Ratio Lower Upper
75 100
110 10.6 19.0 57.0#
77 0.0 25.3 37.9#



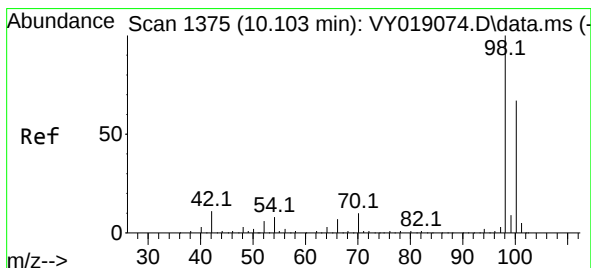
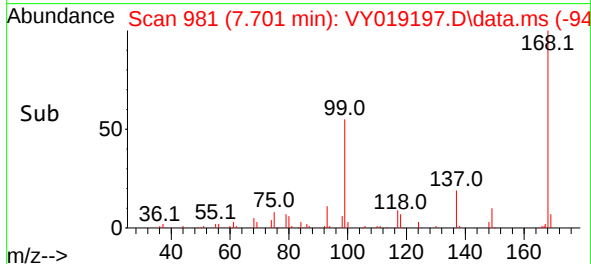
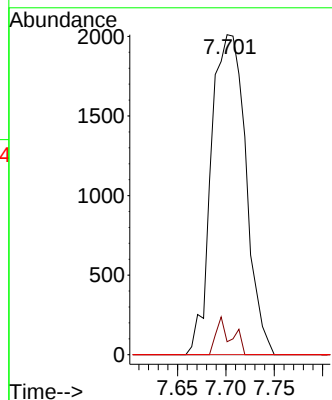


#38
Carbon Tetrachloride
Concen: 5.779 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Instrument :
MSVOA_Y
ClientSampleId :

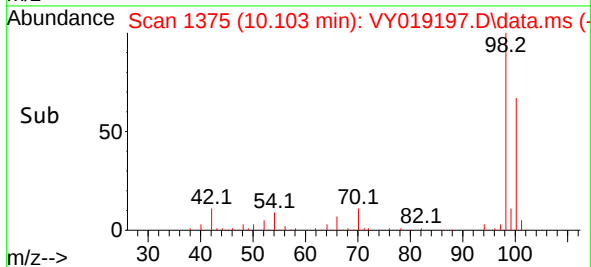
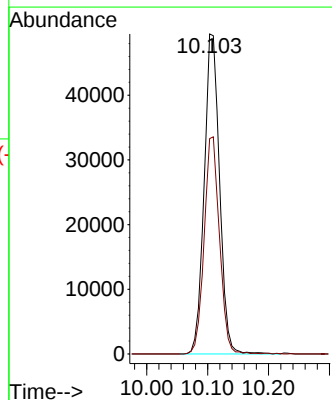
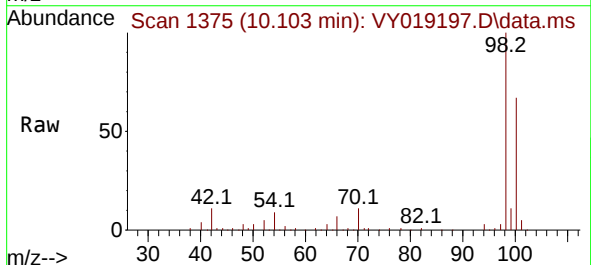


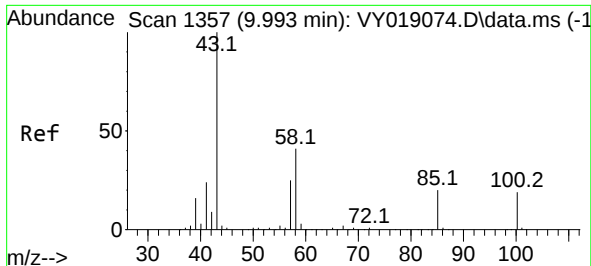
Tgt Ion:117 Resp: 4997
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.425 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Tgt Ion: 98 Resp: 86863
Ion Ratio Lower Upper
98 100
100 67.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.015 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY019197.D

Acq: 22 Aug 2024 04:09

Instrument :

MSVOA_Y

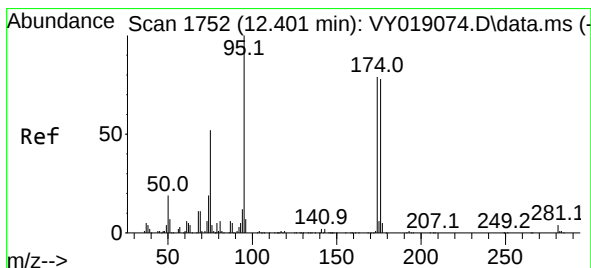
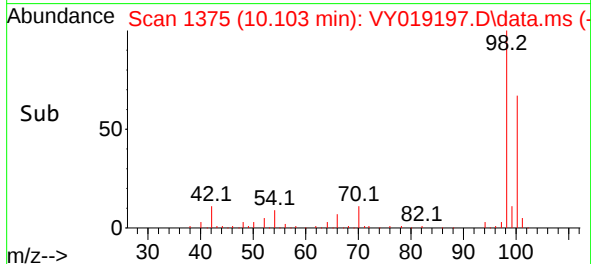
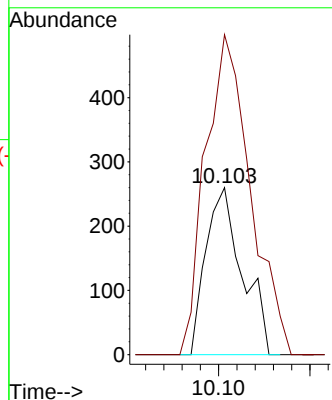
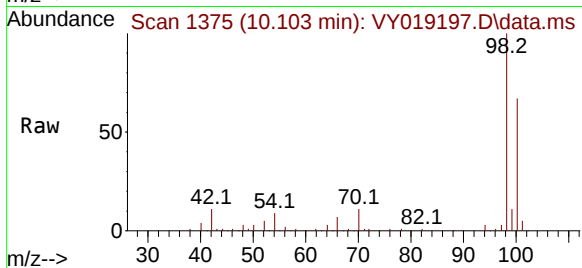
ClientSampleId :

Tgt Ion: 43 Resp: 360

Ion Ratio Lower Upper

43 100

58 236.7 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 25.313 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019197.D

Acq: 22 Aug 2024 04:09

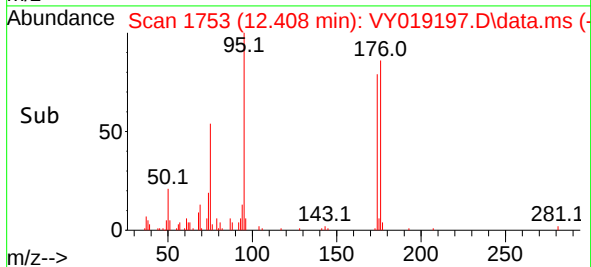
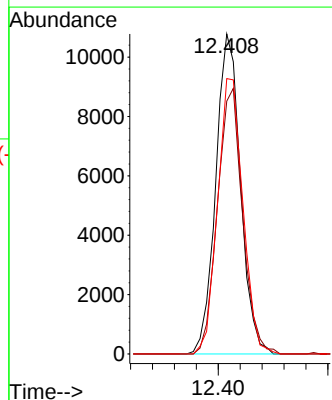
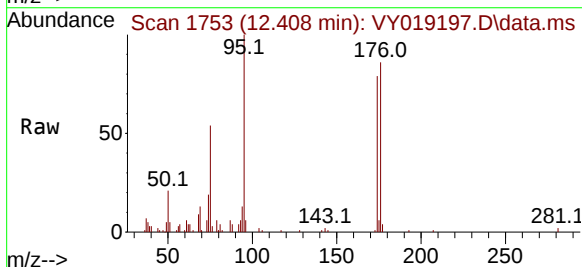
Tgt Ion: 95 Resp: 16872

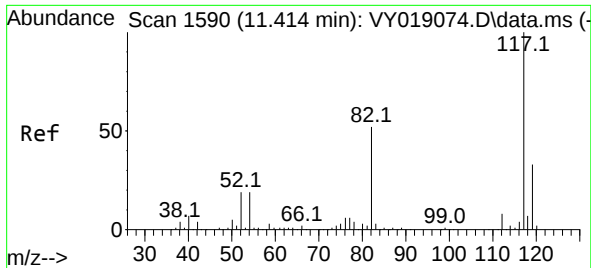
Ion Ratio Lower Upper

95 100

174 84.2 0.0 175.6

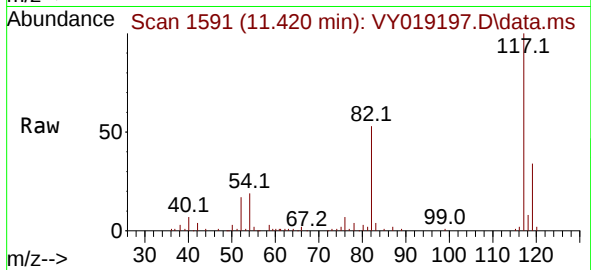
176 87.8 0.0 171.4



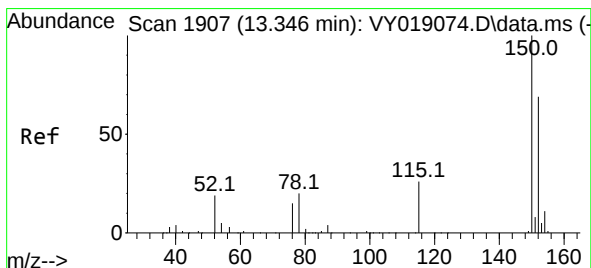
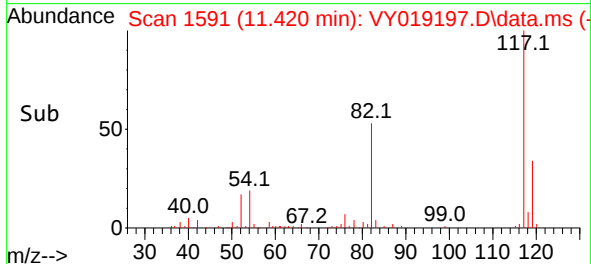
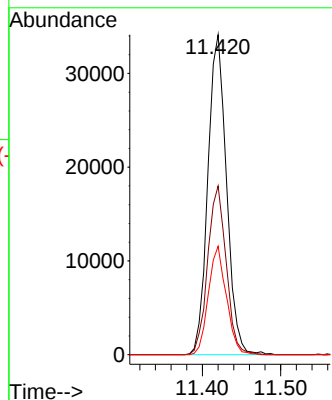


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Instrument :
MSVOA_Y
ClientSampleId :

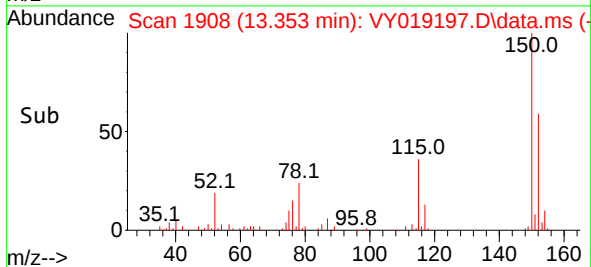
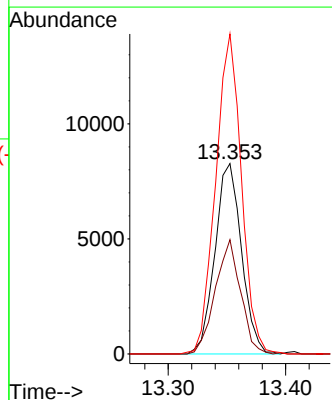
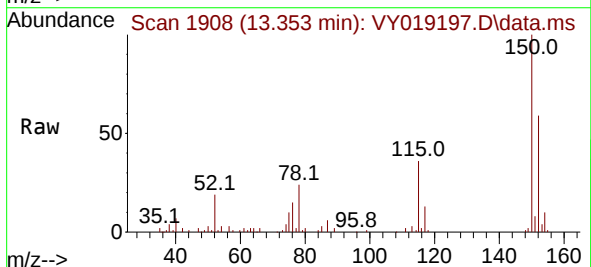


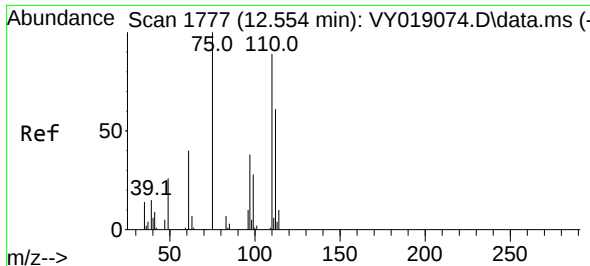
Tgt Ion:117 Resp: 56389
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 33.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Tgt Ion:152 Resp: 13012
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 163.3 0.0 345.6

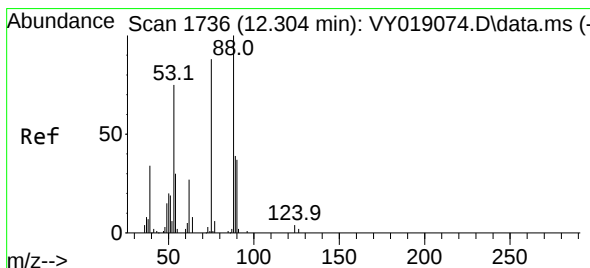
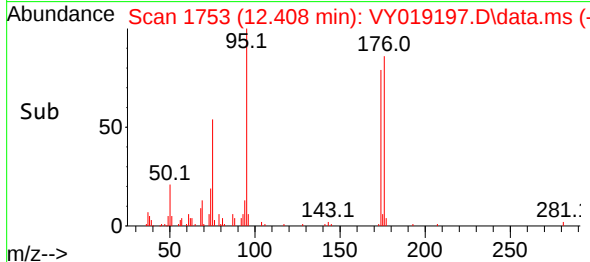
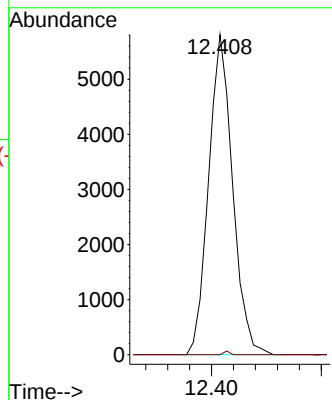
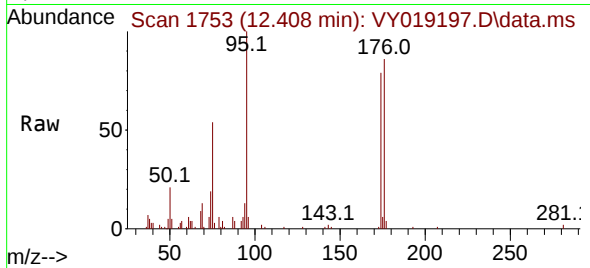




#76
1,2,3-Trichloropropane
Concen: 68.842 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 8834
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 170.018 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Tgt Ion: 75 Resp: 8834
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

