

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019344.D
 Acq On : 28 Aug 2024 21:03
 Operator : SY/MD
 Sample : P3739-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:39:59 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)

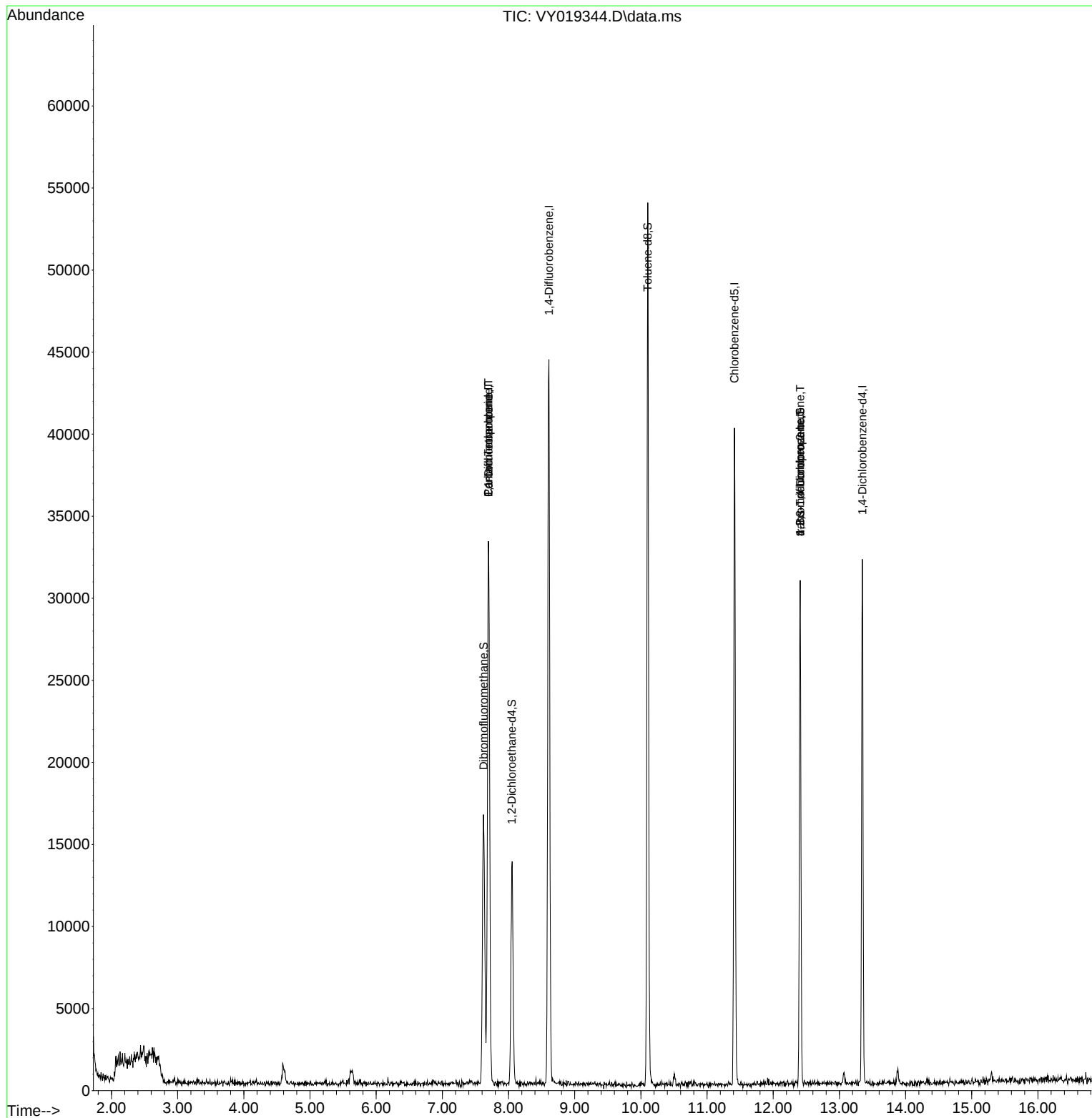
Internal Standards						
1) Pentafluorobenzene	7.695	168	26881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	39712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	21594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	8060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	11247	41.739	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.480%		
35) Dibromofluoromethane	7.622	113	11965	46.079	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.160%		
50) Toluene-d8	10.103	98	35182	37.651	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	75.300%		
62) 4-Bromofluorobenzene	12.408	95	9476	29.748	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	59.500%		
Target Compounds						
5) Bromomethane	2.599	94	282	Below Cal	Qvalue	81
6) Chloroethane	2.568	64	39	Below Cal	#	42
20) Methylene Chloride	4.598	84	967	Below Cal	#	68
31) Cyclohexane	7.701	56	584	Below Cal	#	65
36) 1,1-Dichloropropene	7.695	75	1959	5.494	ug/l #	47
38) Carbon Tetrachloride	7.695	117	2839	6.870	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	5345	67.244	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	5345	166.071	ug/l #	16

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

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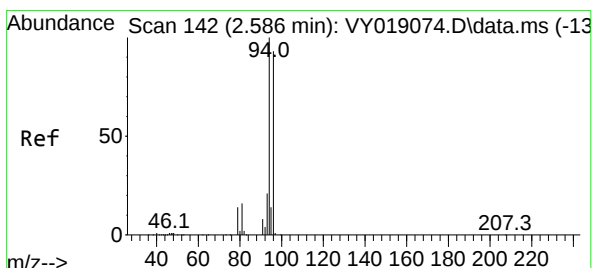
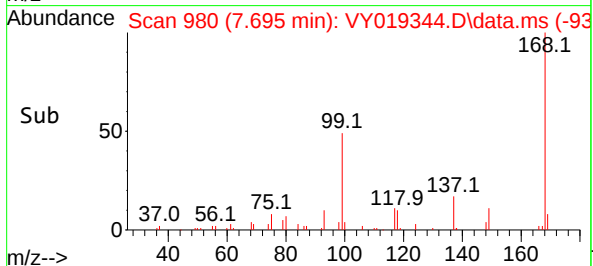
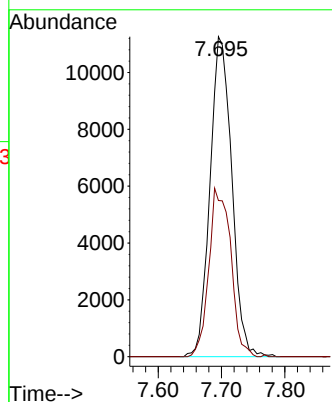
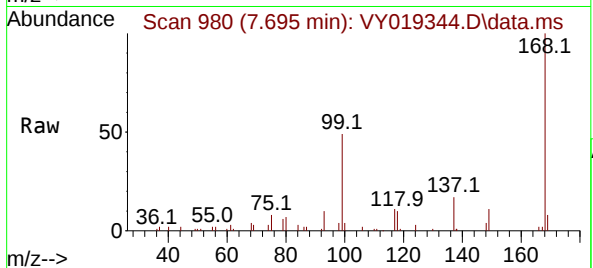




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

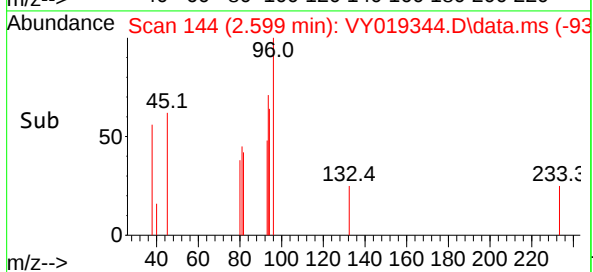
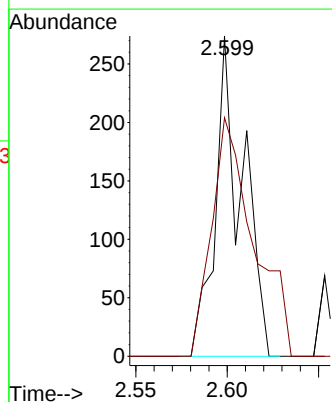
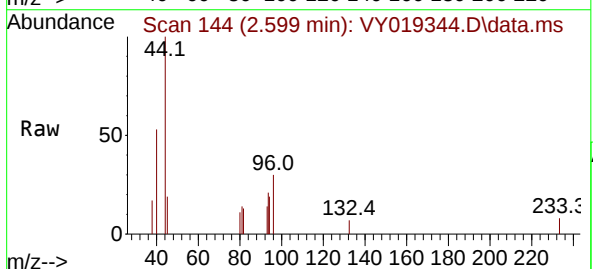
Instrument :
MSVOA_Y
ClientSampleId :

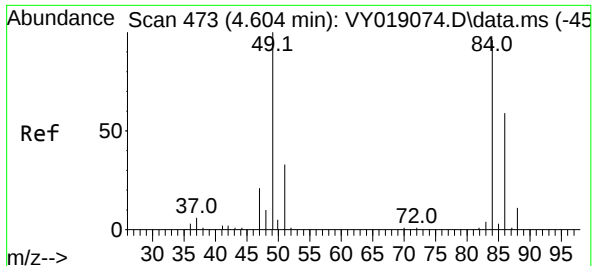
Tgt Ion:168 Resp: 26881
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.599 min Scan# 144
Delta R.T. 0.013 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

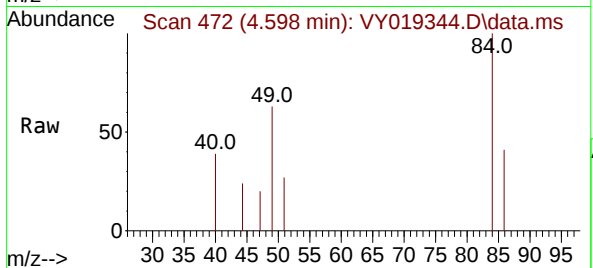
Tgt Ion: 94 Resp: 282
Ion Ratio Lower Upper
94 100
96 74.5 74.1 111.1





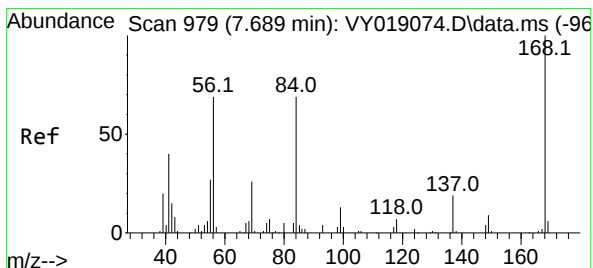
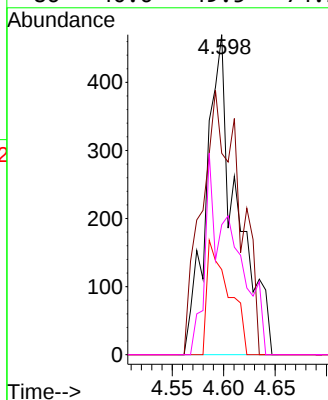
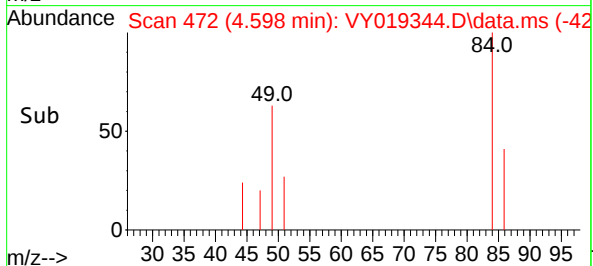
#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 967

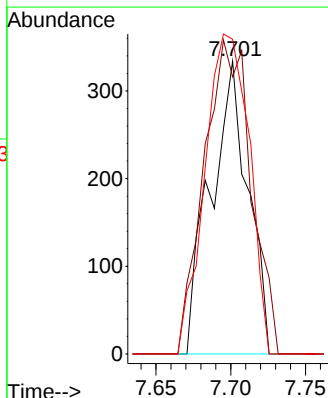
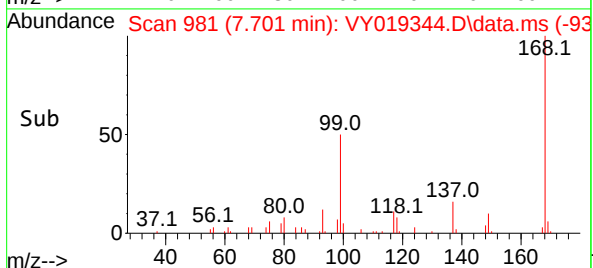
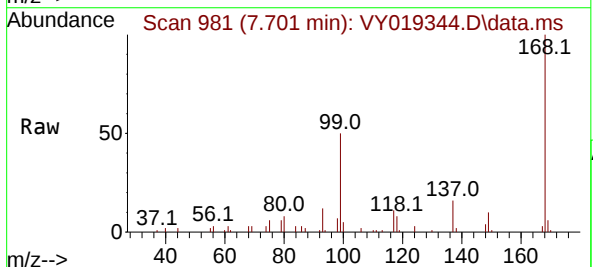
Ion	Ratio	Lower	Upper
84	100		
49	63.0	84.4	126.6#
51	26.6	26.0	39.0
86	40.6	49.5	74.3#

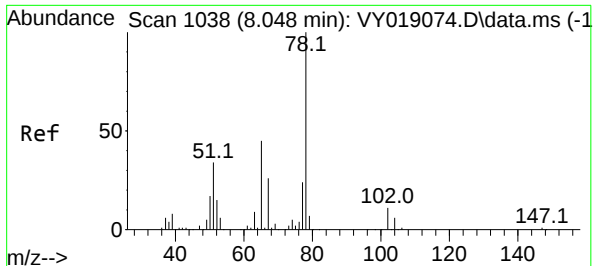


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

Tgt Ion: 56 Resp: 584

Ion	Ratio	Lower	Upper
56	100		
69	94.6	28.7	43.1#
84	107.5	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 41.739 ug/l

RT: 8.049 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019344.D

Acq: 28 Aug 2024 21:03

Instrument :

MSVOA_Y

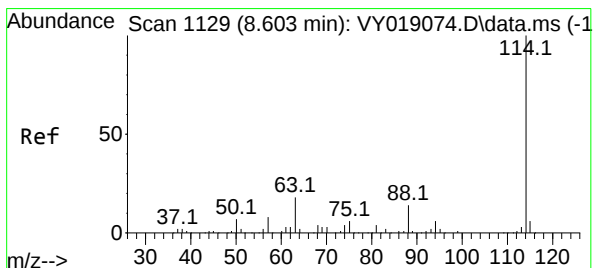
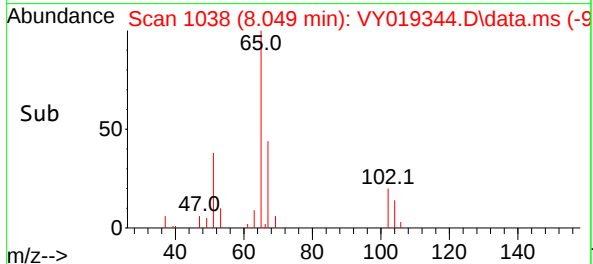
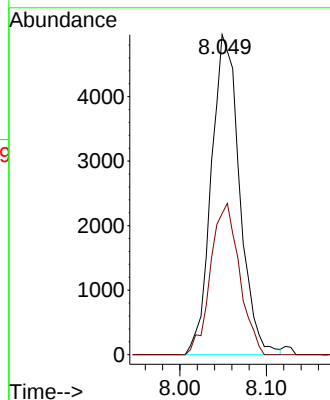
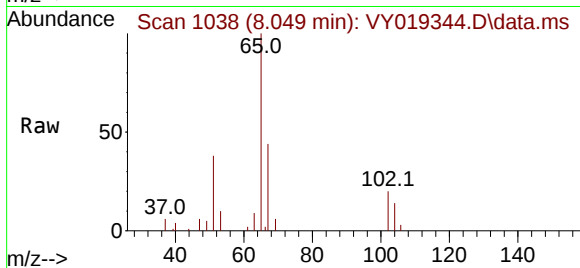
ClientSampleId :

Tgt Ion: 65 Resp: 11247

Ion Ratio Lower Upper

65 100

67 48.1 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: VY019344.D

Acq: 28 Aug 2024 21:03

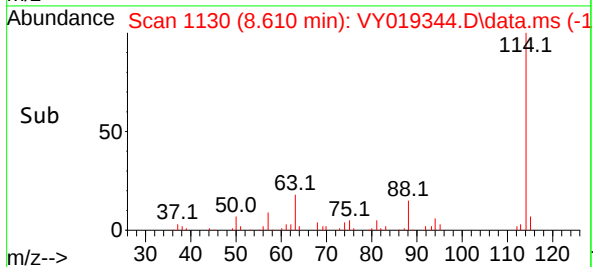
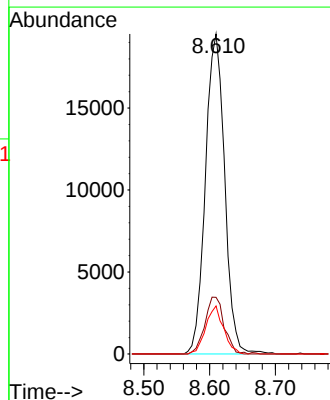
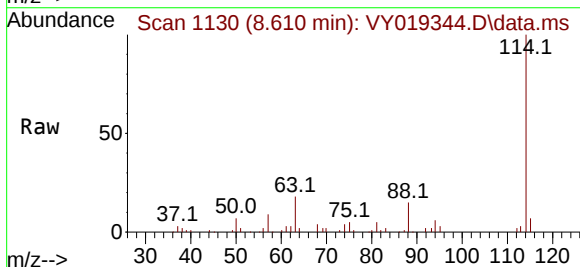
Tgt Ion: 114 Resp: 39712

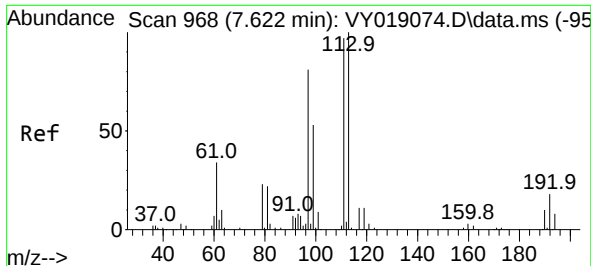
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

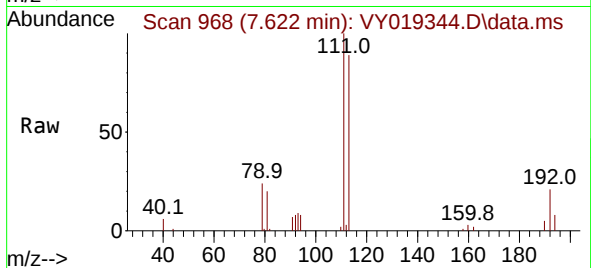
88 15.0 0.0 27.2



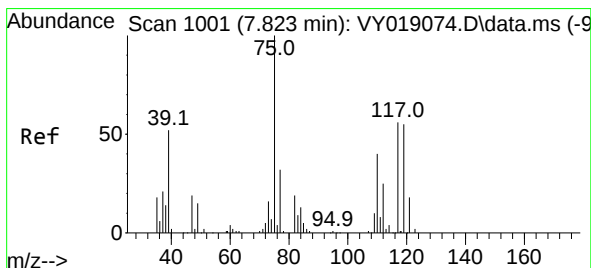
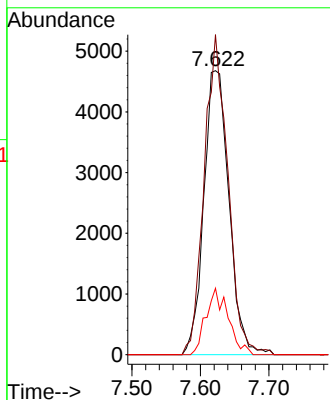
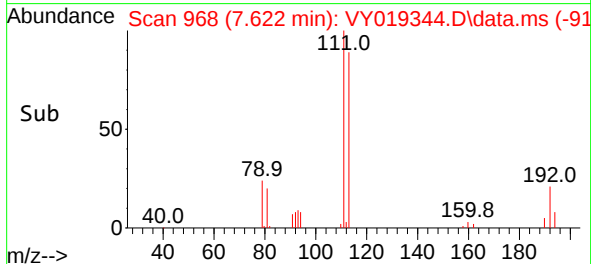


#35
Dibromofluoromethane
Concen: 46.079 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

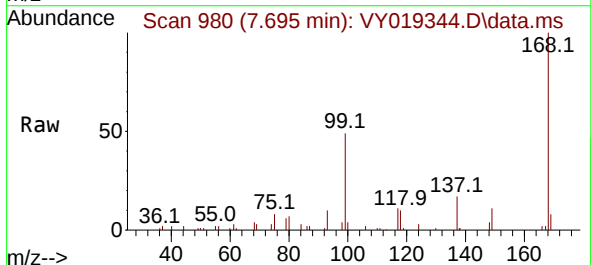
Instrument :
MSVOA_Y
ClientSampleId :



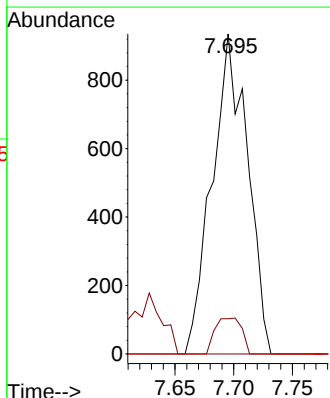
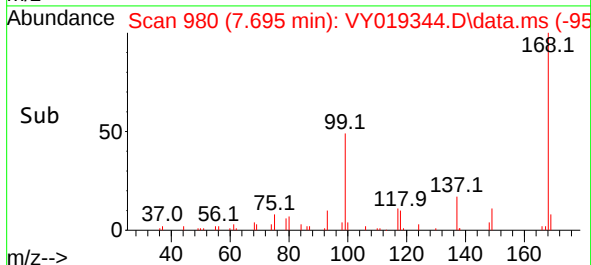
Tgt Ion:113 Resp: 11965
Ion Ratio Lower Upper
113 100
111 105.5 82.2 123.4
192 20.7 15.9 23.9

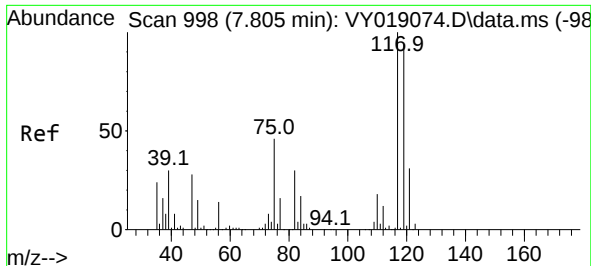


#36
1,1-Dichloropropene
Concen: 5.494 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03



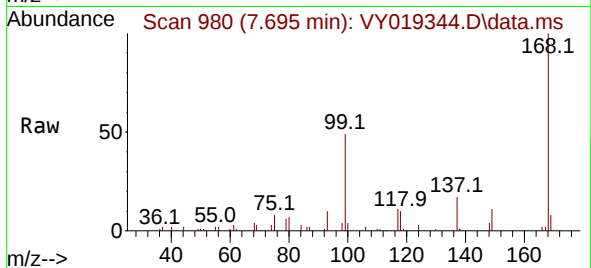
Tgt Ion: 75 Resp: 1959
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



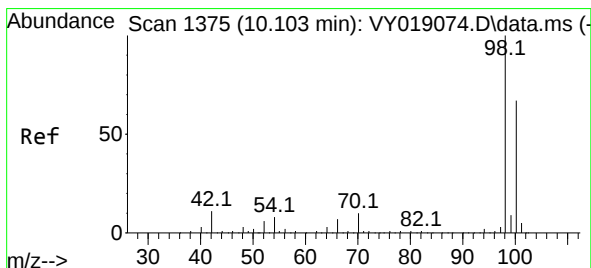
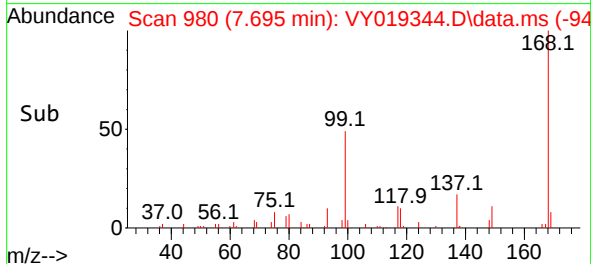
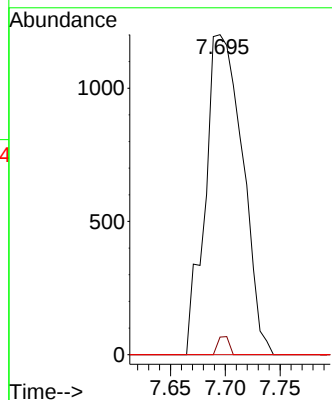


#38
Carbon Tetrachloride
Concen: 6.870 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

Instrument :
MSVOA_Y
ClientSampleId :

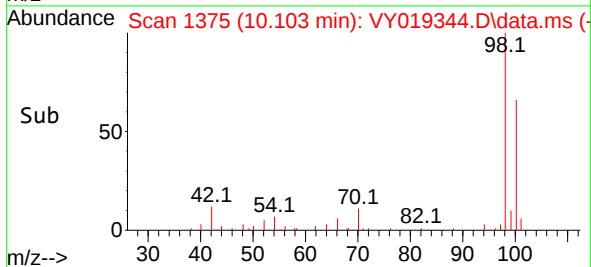
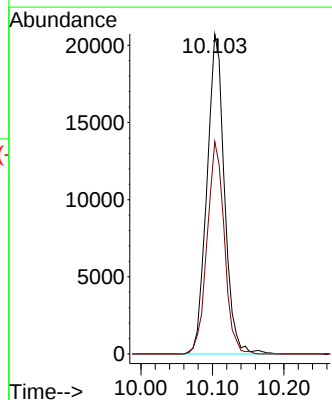
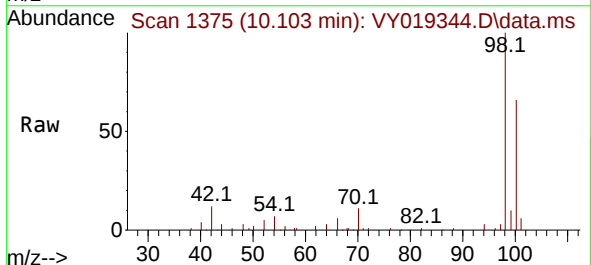


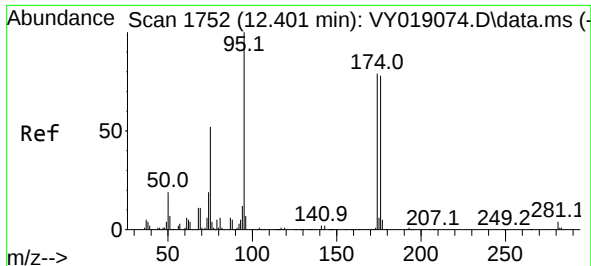
Tgt Ion:117 Resp: 2839
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 37.651 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

Tgt Ion: 98 Resp: 35182
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

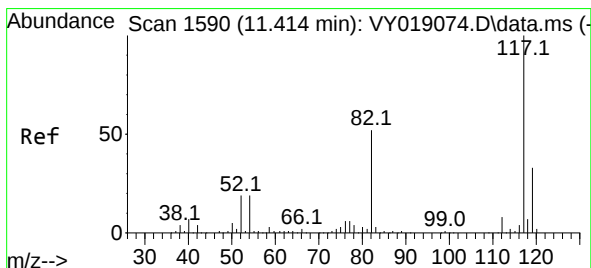
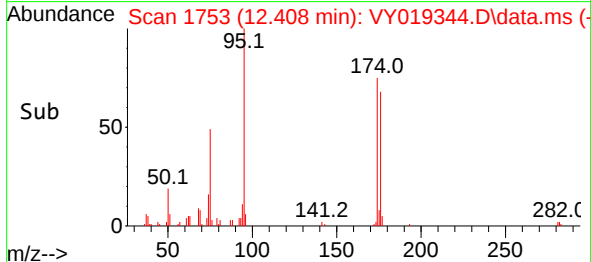
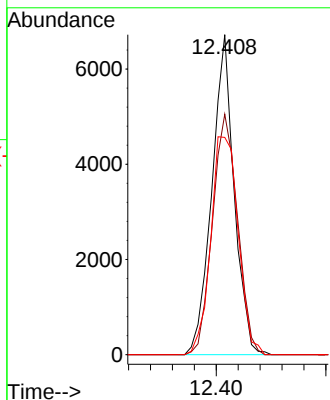
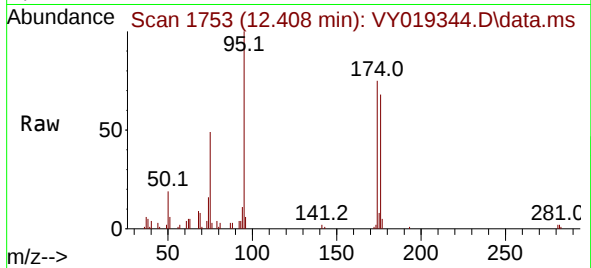




#62
4-Bromofluorobenzene
Concen: 29.748 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

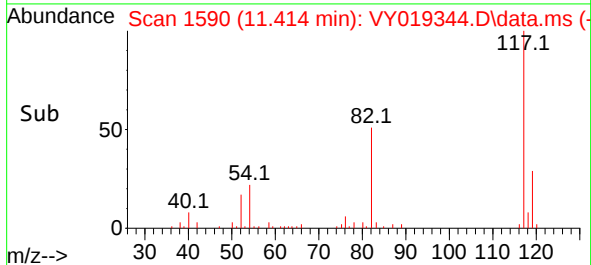
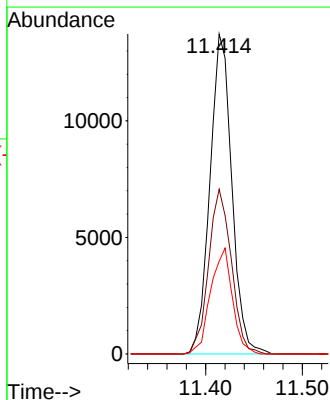
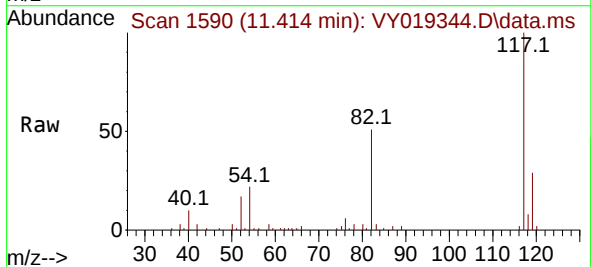
Instrument :
MSVOA_Y
ClientSampleId :

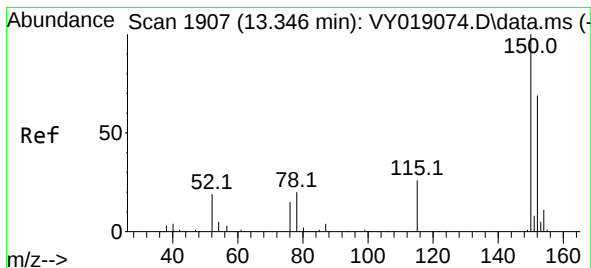
Tgt Ion: 95 Resp: 9476
Ion Ratio Lower Upper
95 100
174 84.5 0.0 175.6
176 84.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

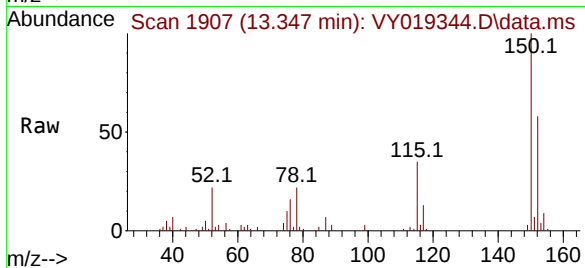
Tgt Ion: 117 Resp: 21594
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 28.9 25.9 38.9



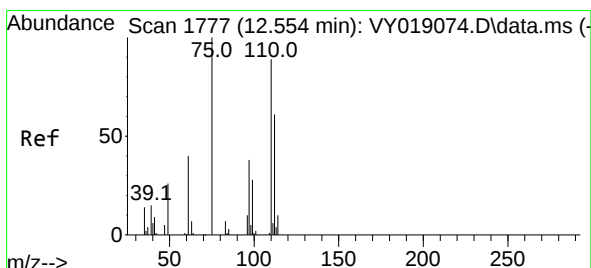
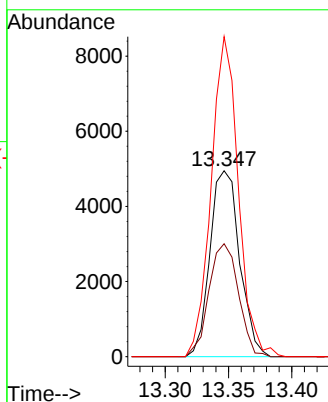
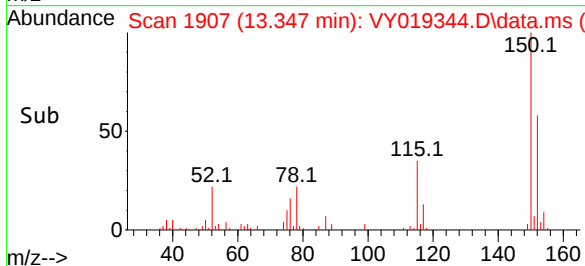


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019344.D
 Acq: 28 Aug 2024 21:03

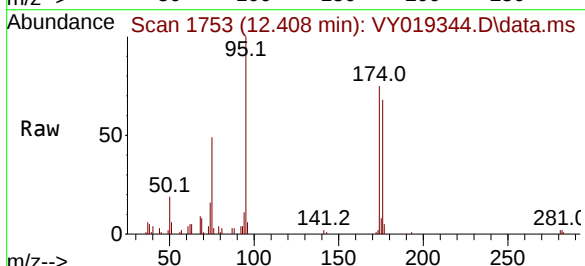
Instrument :
 MSVOA_Y
 ClientSampleId :



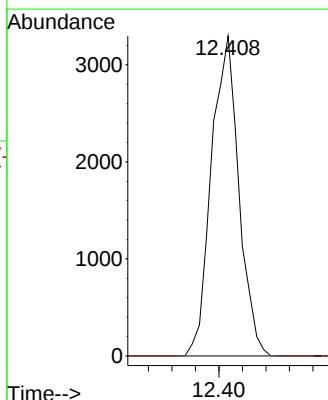
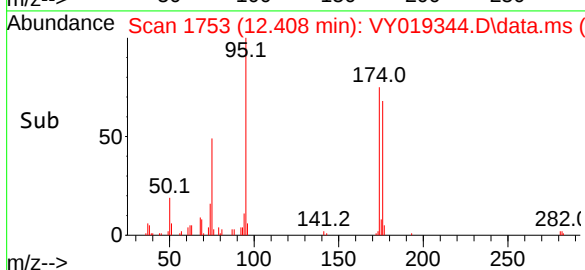
Tgt Ion:152 Resp: 8060
 Ion Ratio Lower Upper
 152 100
 115 60.5 28.2 84.7
 150 157.6 0.0 345.6

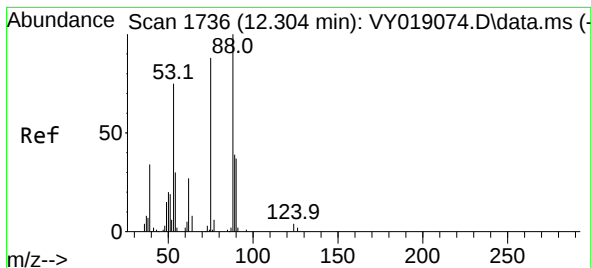


#76
 1,2,3-Trichloropropane
 Concen: 67.244 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019344.D
 Acq: 28 Aug 2024 21:03



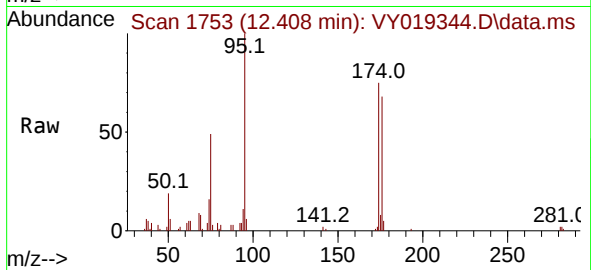
Tgt Ion: 75 Resp: 5345
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 166.071 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019344.D
 Acq: 28 Aug 2024 21:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 5345
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

