

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019335.D
 Acq On : 28 Aug 2024 17:17
 Operator : SY/MD
 Sample : P3748-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:36:39 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)

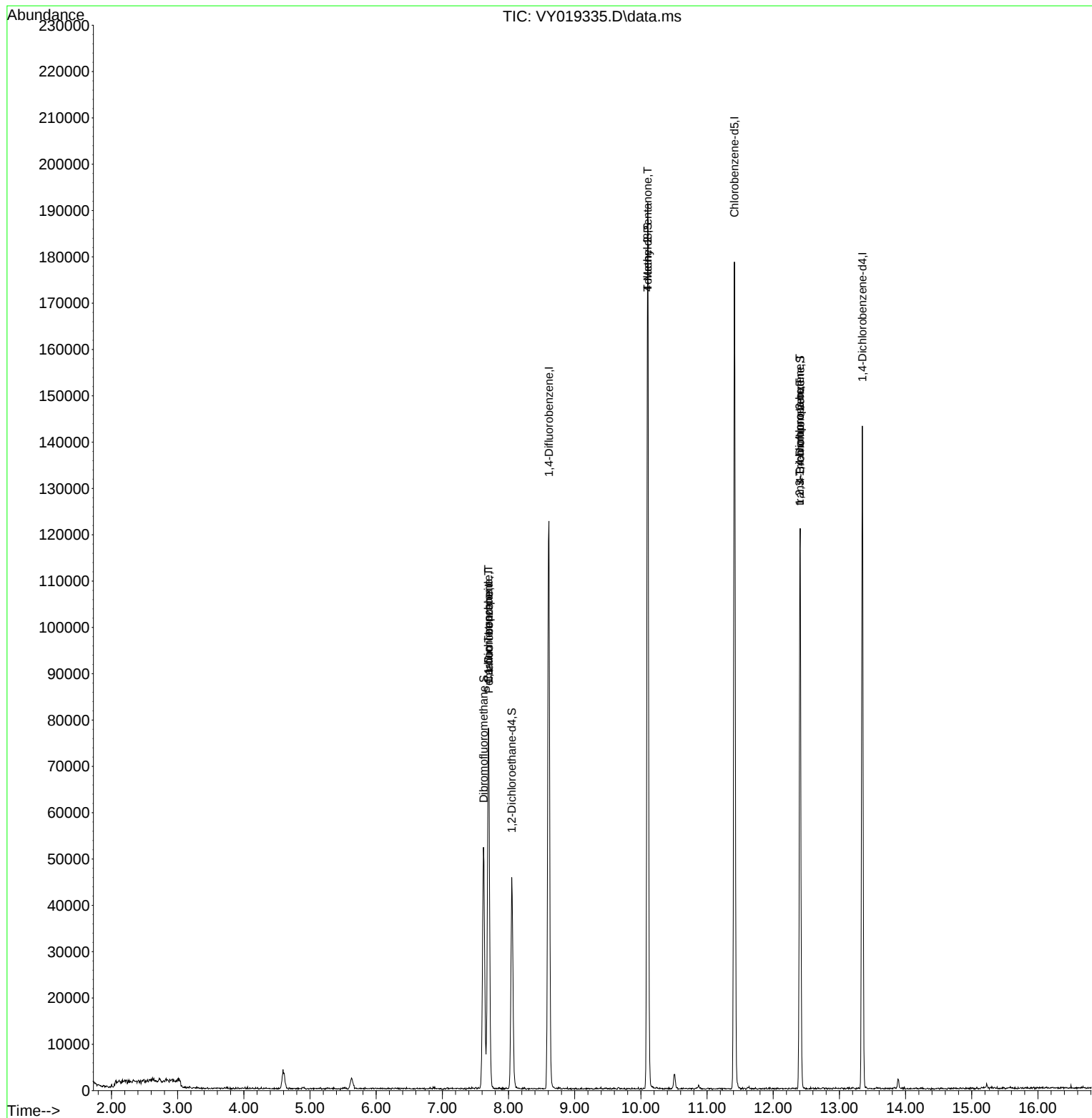
Internal Standards						
1) Pentafluorobenzene	7.701	168	60138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	106723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	96016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	35261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	35108	58.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.480%	
35) Dibromofluoromethane	7.622	113	35597	51.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.020%	
50) Toluene-d8	10.103	98	120244	47.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.760%	
62) 4-Bromofluorobenzene	12.408	95	34461	40.255	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.520%	
Target Compounds						Qvalue
5) Bromomethane	2.598	94	337	Below Cal	#	64
6) Chloroethane	2.726	64	22	Below Cal	#	42
20) Methylene Chloride	4.592	84	2810	Below Cal	#	84
31) Cyclohexane	7.695	56	1557	Below Cal	#	68
36) 1,1-Dichloropropene	7.695	75	4640	4.842	ug/l #	47
38) Carbon Tetrachloride	7.695	117	6233	5.613	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	459	1.007	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	19774	56.865	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	19774	140.437	ug/l #	16

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

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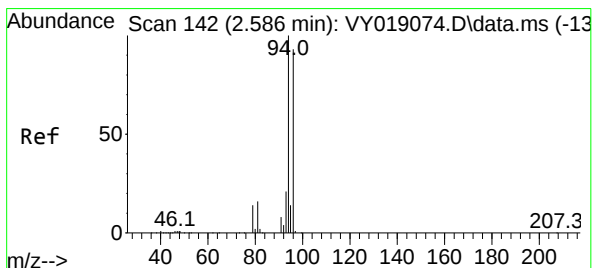
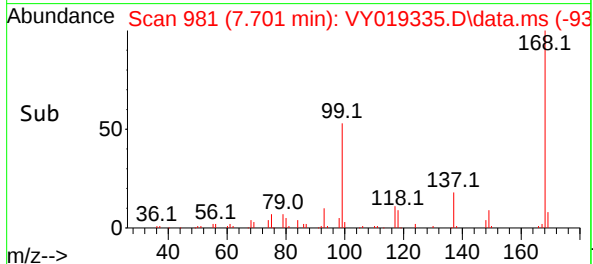
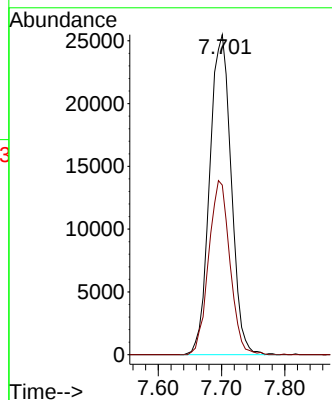
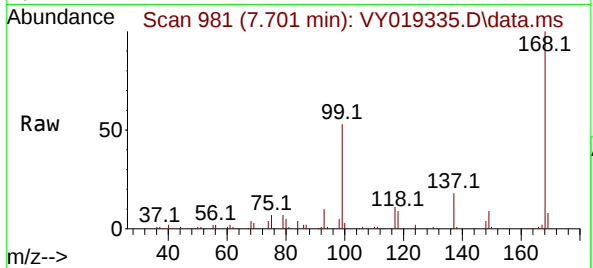




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

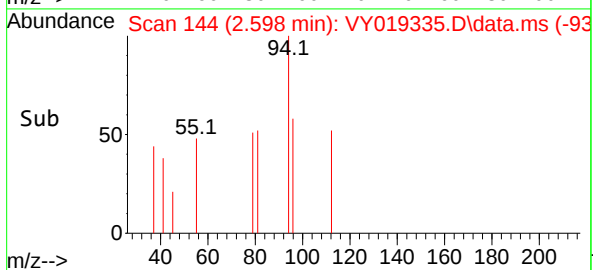
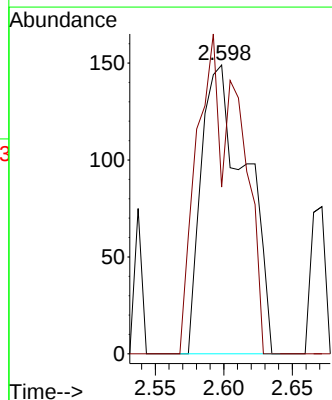
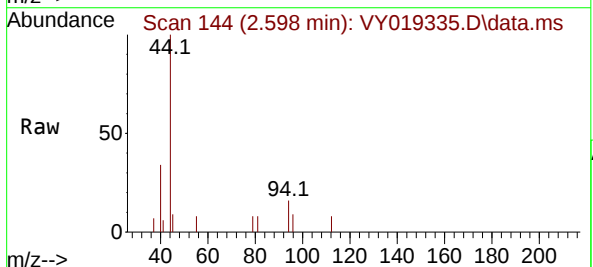
Instrument :
MSVOA_Y
ClientSampleId :

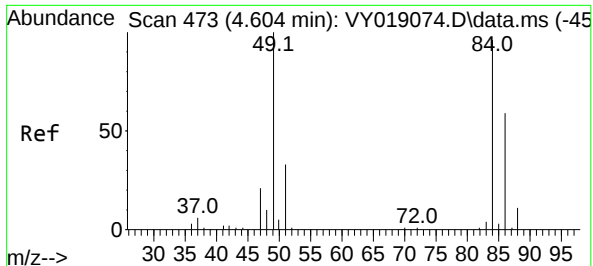
Tgt Ion:168 Resp: 60138
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 57.7 74.1 111.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.592 min Scan# 41

Delta R.T. -0.012 min

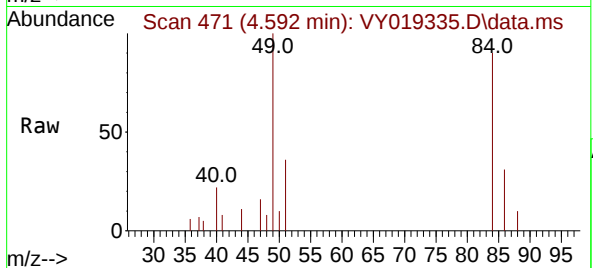
Lab File: VY019335.D

Acq: 28 Aug 2024 17:17

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 2810

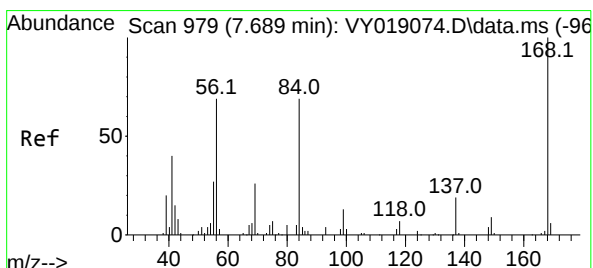
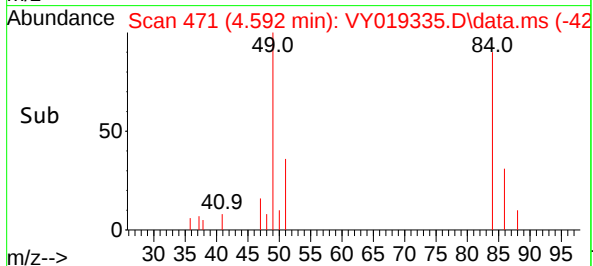
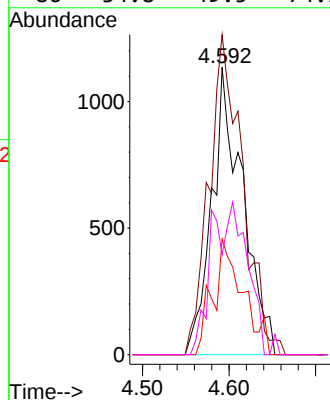
Ion Ratio Lower Upper

84 100

49 111.4 84.4 126.6

51 40.3 26.0 39.0#

86 34.8 49.5 74.3#



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY019335.D

Acq: 28 Aug 2024 17:17

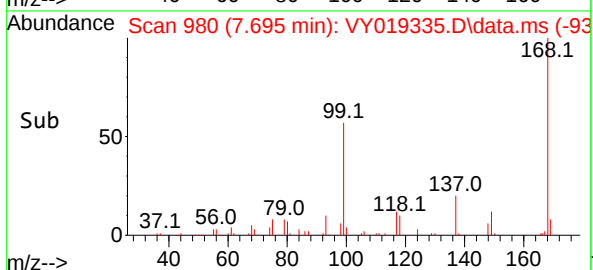
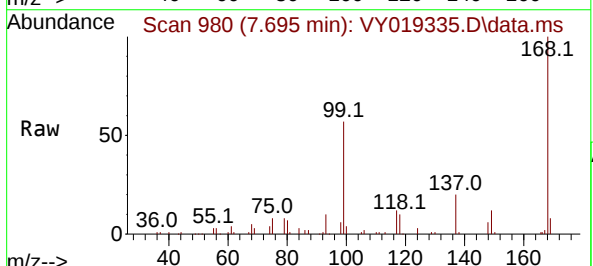
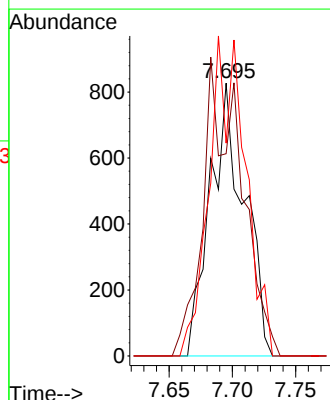
Tgt Ion: 56 Resp: 1557

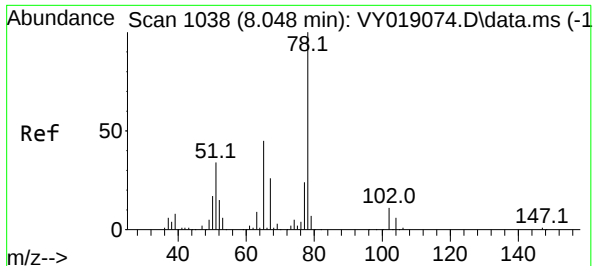
Ion Ratio Lower Upper

56 100

69 74.1 28.7 43.1#

84 78.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 58.238 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019335.D

Acq: 28 Aug 2024 17:17

Instrument :

MSVOA_Y

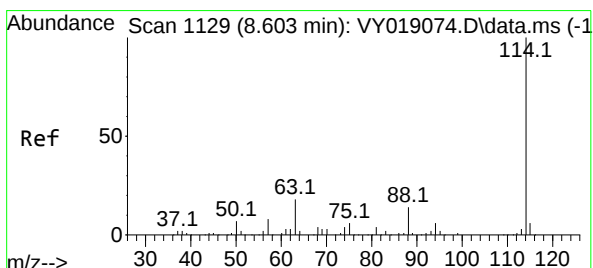
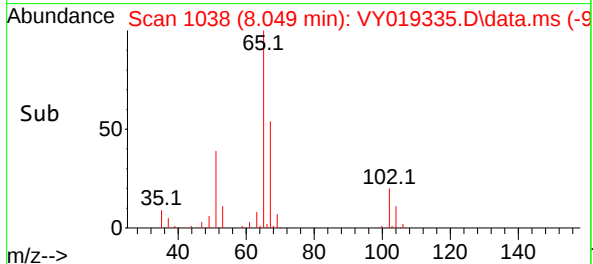
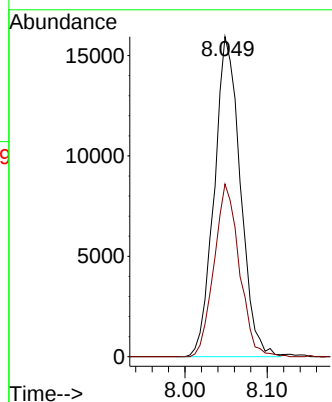
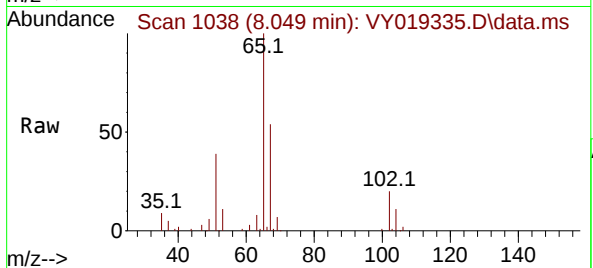
ClientSampleId :

Tgt Ion: 65 Resp: 35108

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# 1130

Delta R.T. 0.006 min

Lab File: VY019335.D

Acq: 28 Aug 2024 17:17

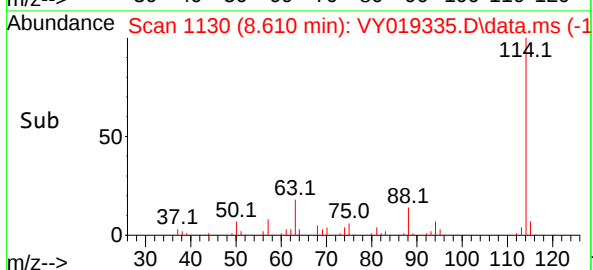
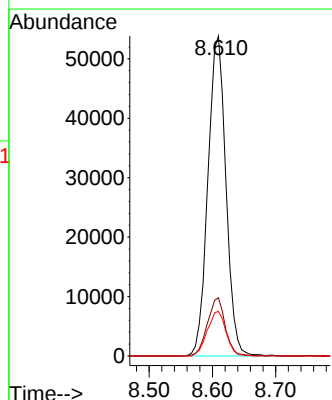
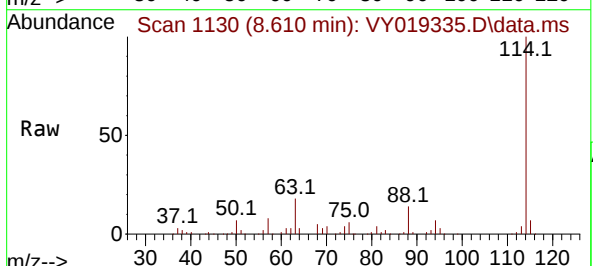
Tgt Ion: 114 Resp: 106723

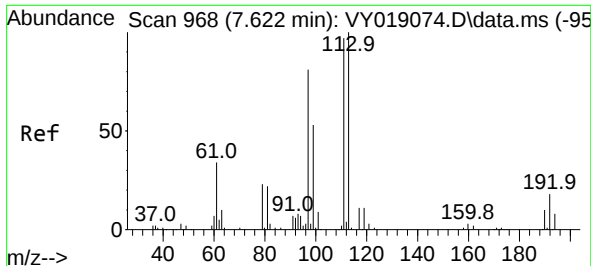
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 13.9 0.0 27.2

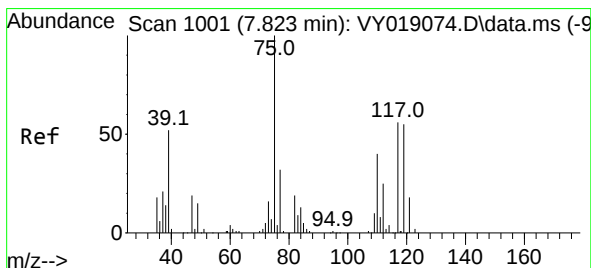
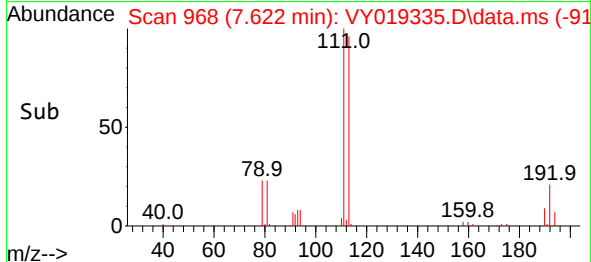
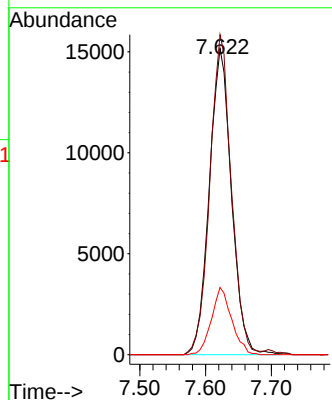
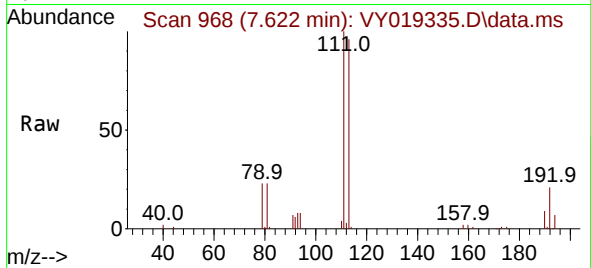




#35
Dibromofluoromethane
Concen: 51.012 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

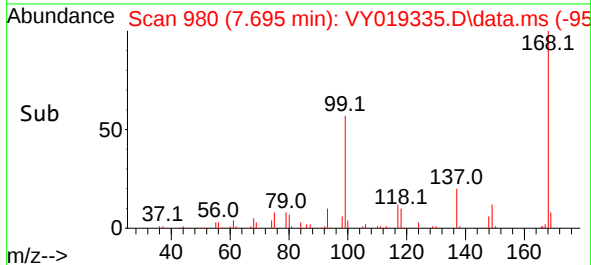
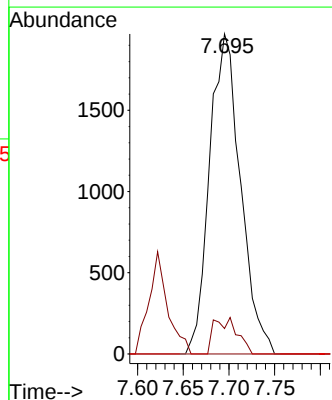
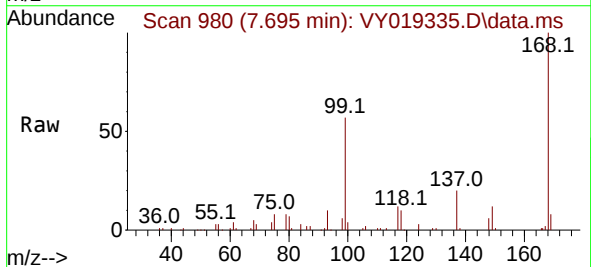
Instrument :
MSVOA_Y
ClientSampleId :

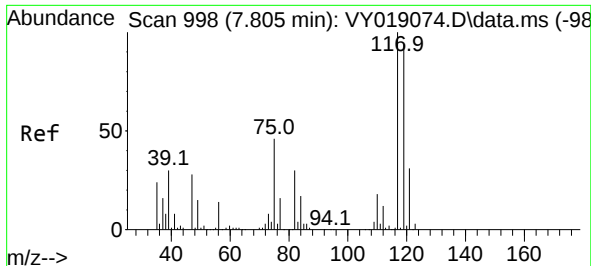
Tgt Ion:113 Resp: 35597
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

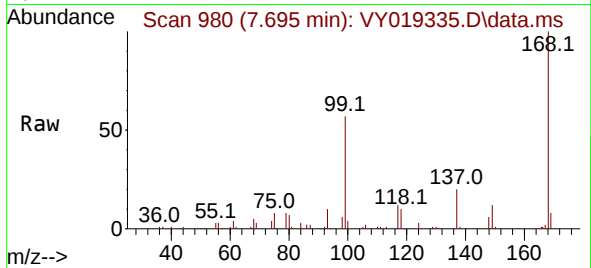
Tgt Ion: 75 Resp: 4640
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



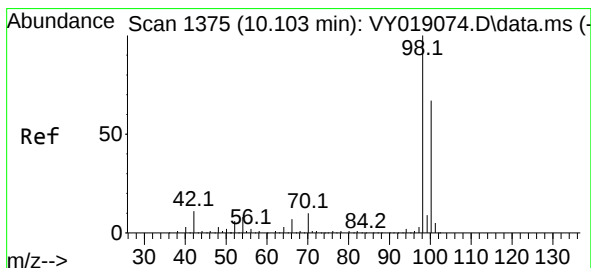
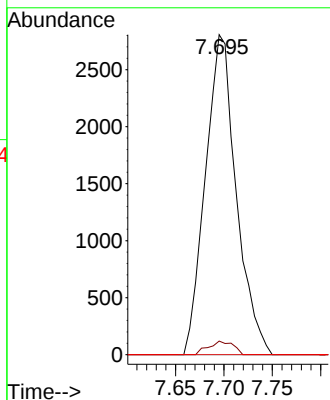
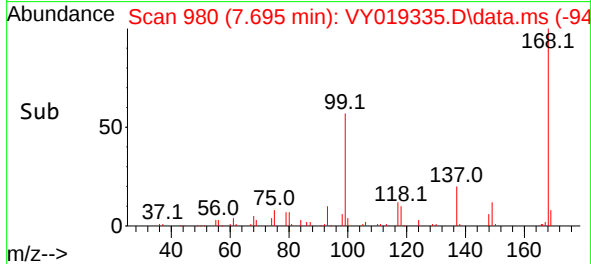


#38
Carbon Tetrachloride
Concen: 5.613 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

Instrument :
MSVOA_Y
ClientSampleId :

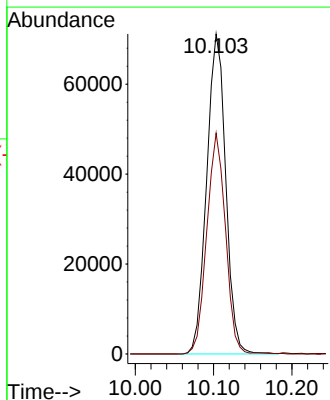
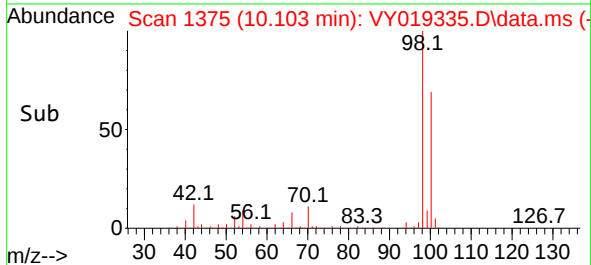
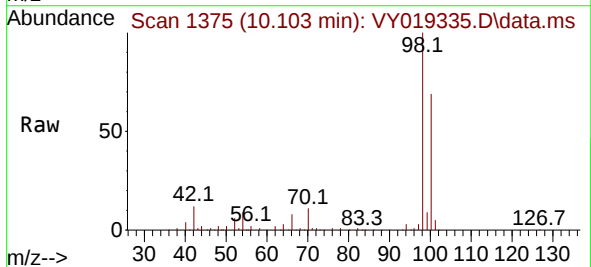


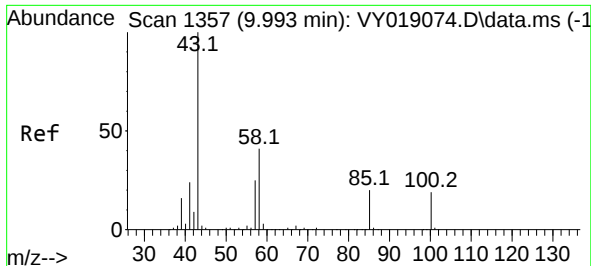
Tgt Ion:117 Resp: 6233
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.883 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

Tgt Ion: 98 Resp: 120244
Ion Ratio Lower Upper
98 100
100 67.8 52.0 78.0

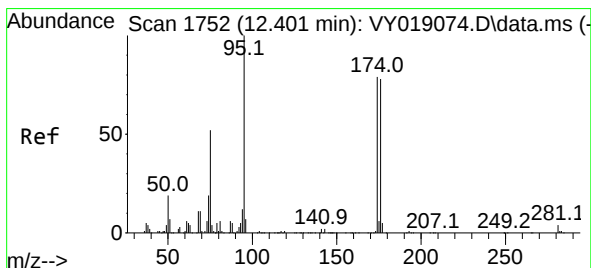
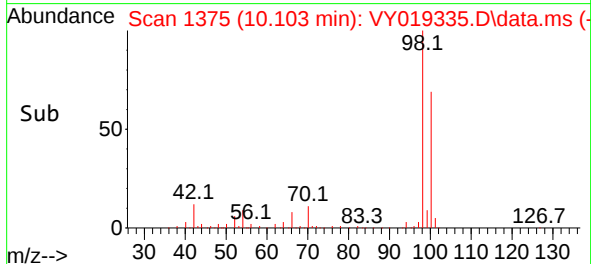
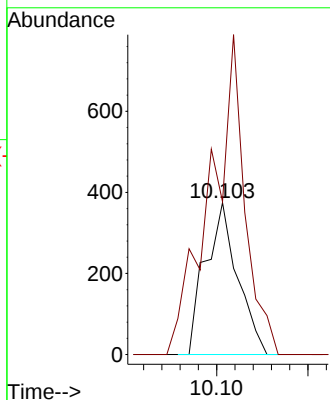
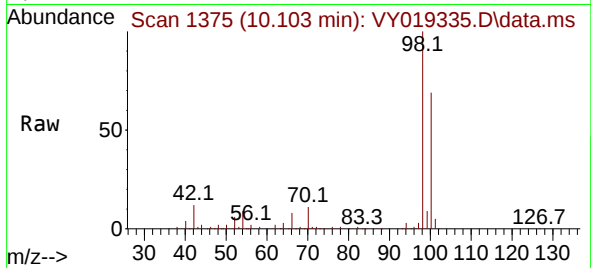




#51
4-Methyl-2-Pentanone
Concen: 1.007 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

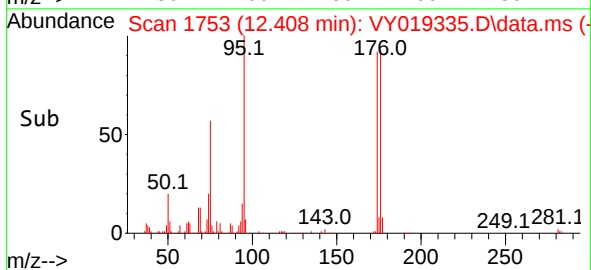
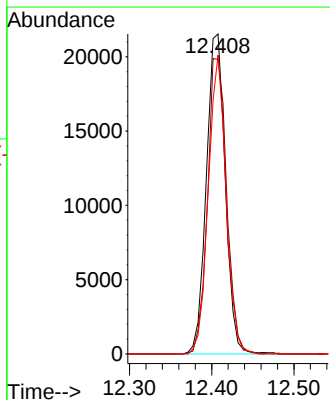
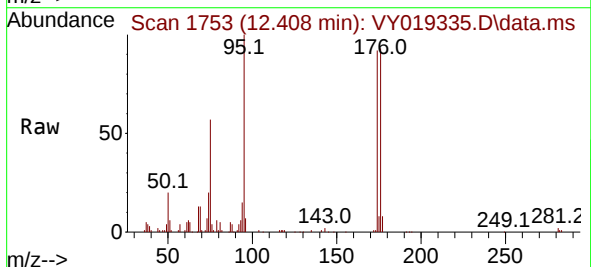
Instrument :
MSVOA_Y
ClientSampleId :

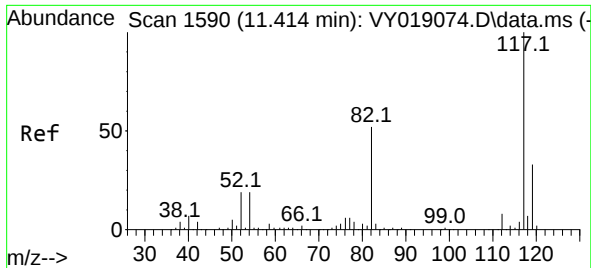
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 224.4 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 40.255 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

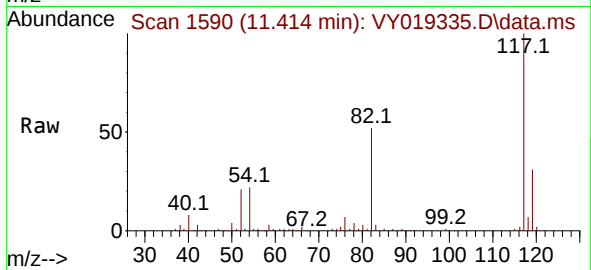
Tgt Ion: 95 Resp: 34461
Ion Ratio Lower Upper
95 100
174 94.0 0.0 175.6
176 87.3 0.0 171.4



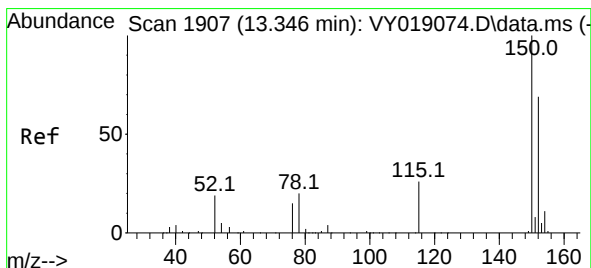
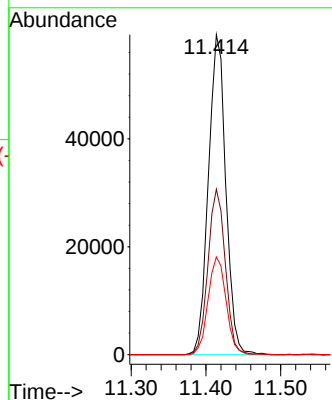
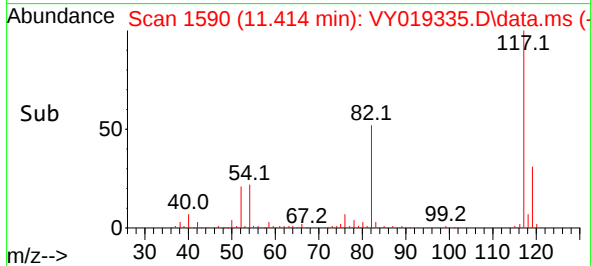


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

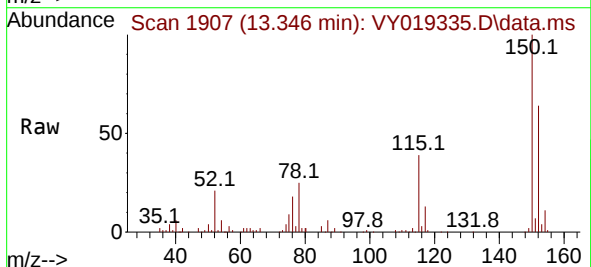
Instrument :
MSVOA_Y
ClientSampleId :



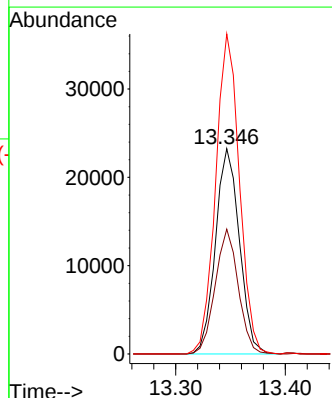
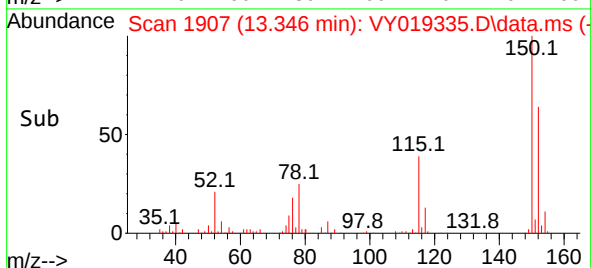
Tgt Ion:117 Resp: 96016
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 30.6 25.9 38.9

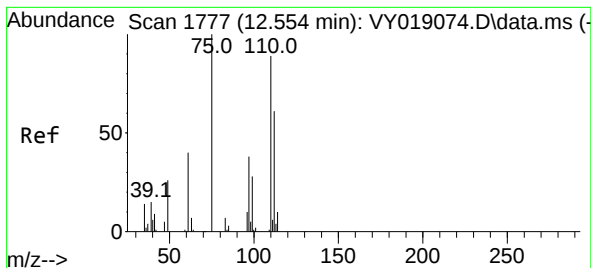


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17



Tgt Ion:152 Resp: 35261
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 154.6 0.0 345.6

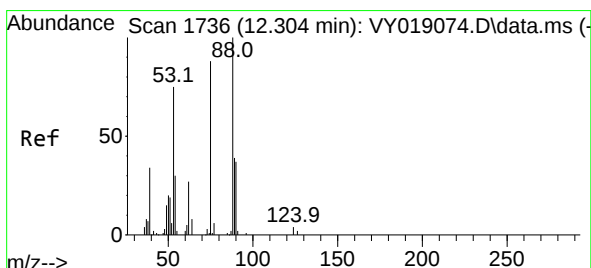
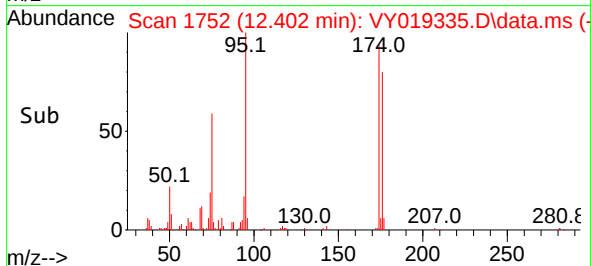
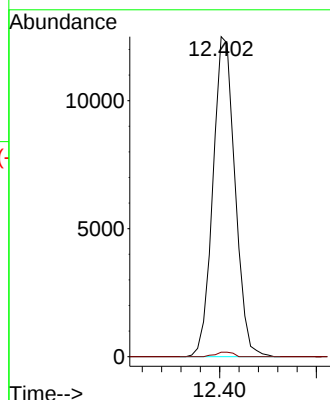
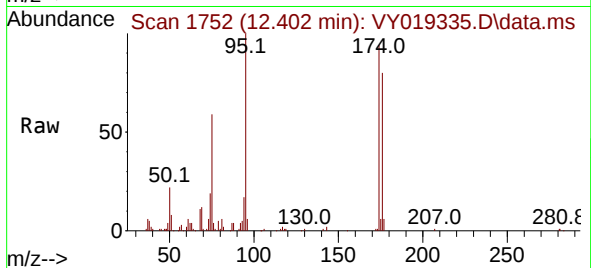




#76
1,2,3-Trichloropropane
Concen: 56.865 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 19774
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.437 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

Tgt Ion: 75 Resp: 19774
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

