

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019315.D
 Acq On : 28 Aug 2024 05:25
 Operator : SY/MD
 Sample : P3660-08
 Misc : 8.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 05:53:50 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)

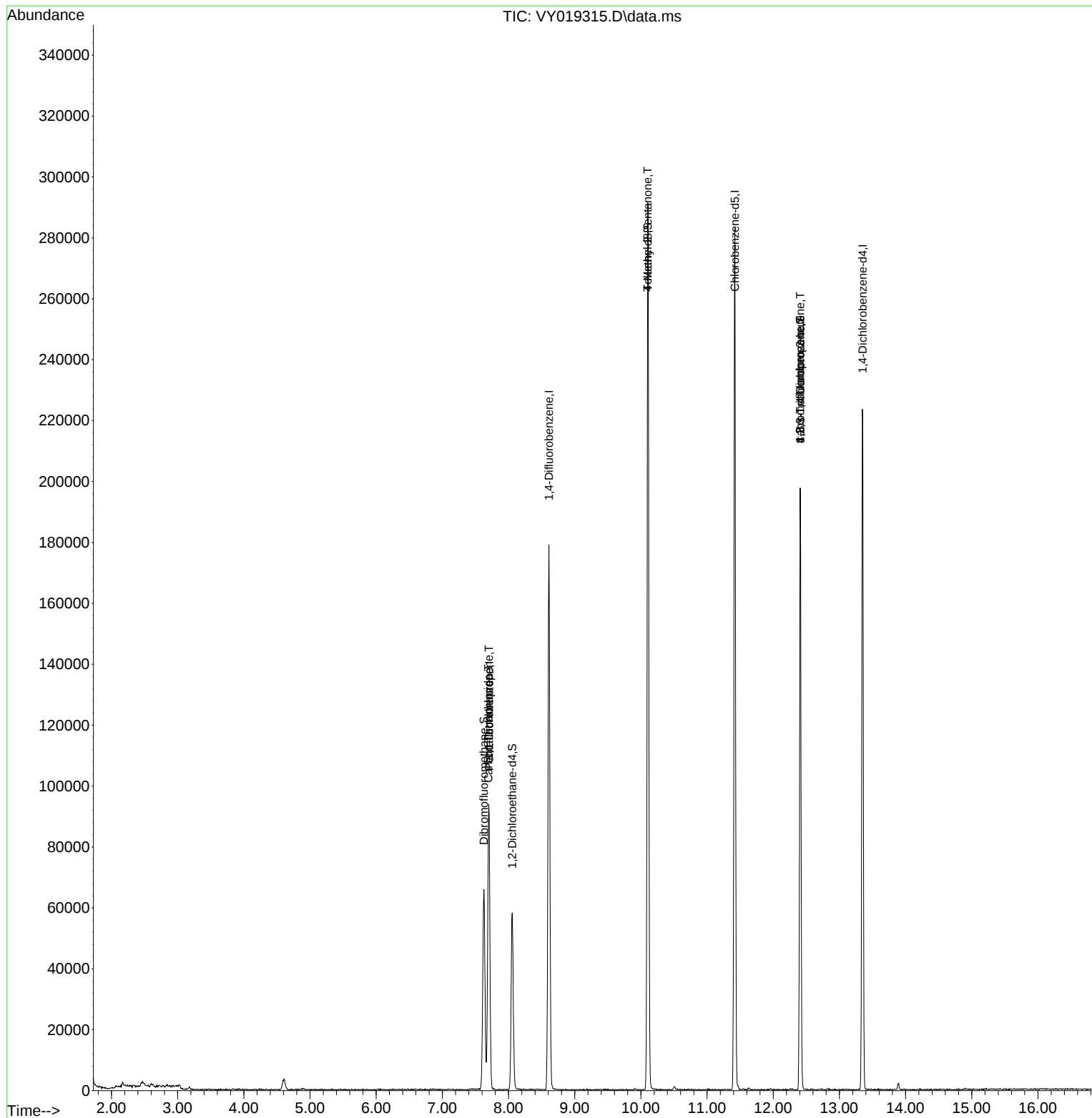
Internal Standards						
1) Pentafluorobenzene	7.707	168	73748	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.609	114	158864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	157234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	58422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	43198	58.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.860%	
35) Dibromofluoromethane	7.628	113	44781	43.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.220%	
50) Toluene-d8	10.103	98	191443	51.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.408	95	56251	44.142	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	522	Below Cal	#	79
6) Chloroethane	2.732	64	49	Below Cal	#	42
20) Methylene Chloride	4.604	84	2794	Below Cal	#	76
31) Cyclohexane	7.695	56	1665	Below Cal	#	1
36) 1,1-Dichloropropene	7.701	75	5830	4.087	ug/l #	46
38) Carbon Tetrachloride	7.695	117	7604	4.600	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	878	1.294	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	30103	52.249	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	30103	129.037	ug/l #	16

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

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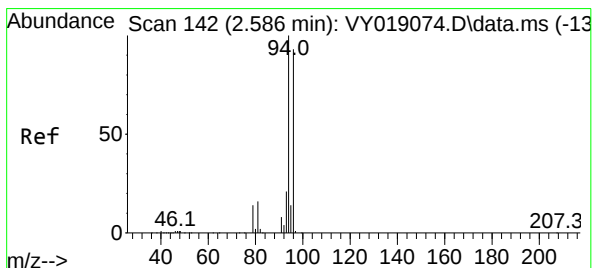
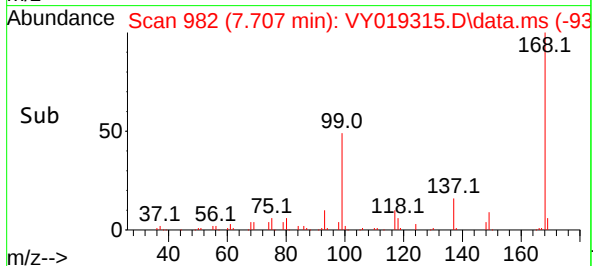
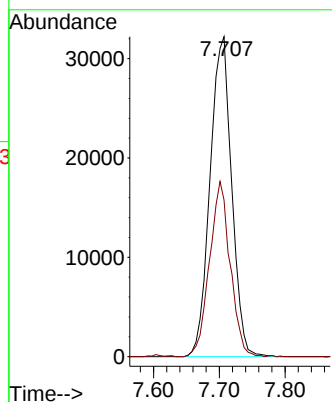
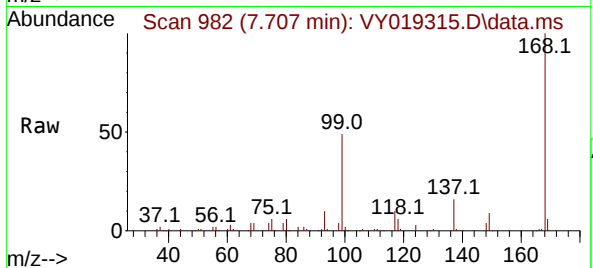




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

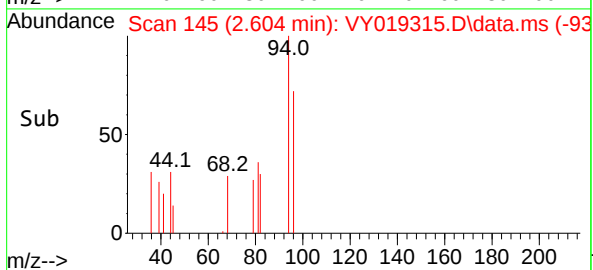
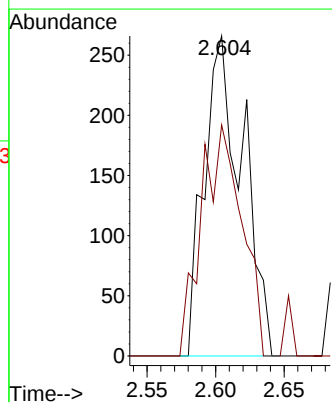
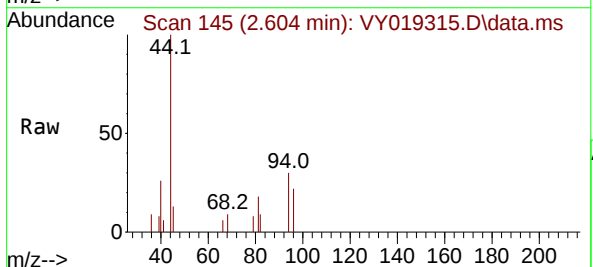
Instrument :
MSVOA_Y
ClientSampleId :

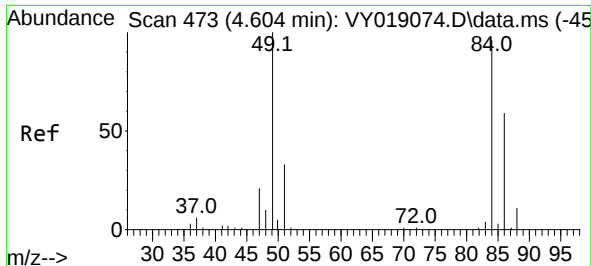
Tgt Ion:168 Resp: 73748
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

Tgt Ion: 94 Resp: 522
Ion Ratio Lower Upper
94 100
96 72.2 74.1 111.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 41

Delta R.T. 0.000 min

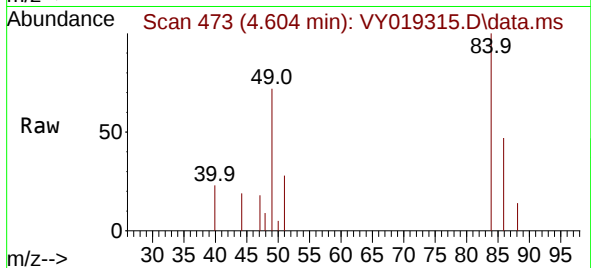
Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 2794

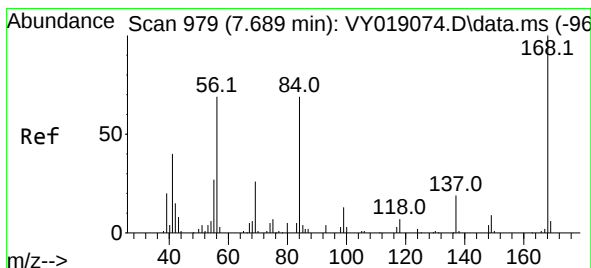
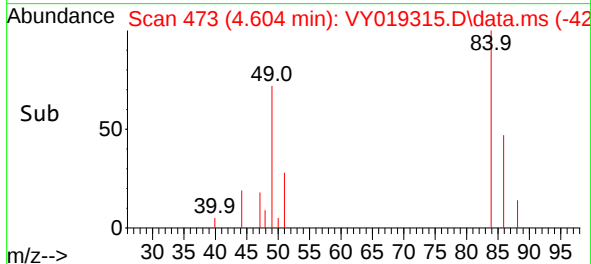
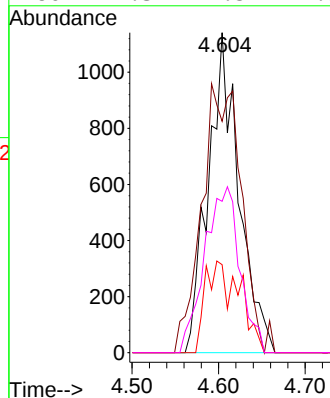
Ion Ratio Lower Upper

84 100

49 72.3 84.4 126.6#

51 27.5 26.0 39.0

86 47.3 49.5 74.3#



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

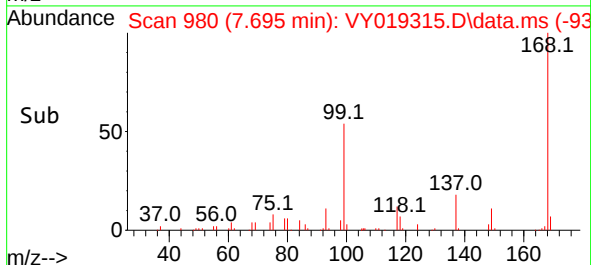
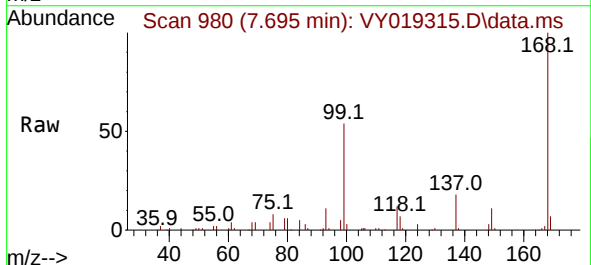
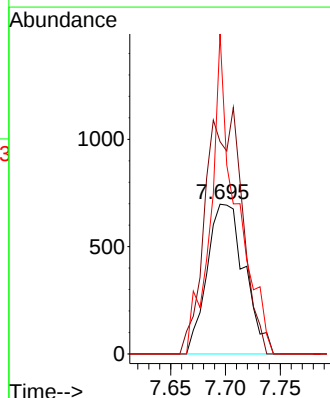
Tgt Ion: 56 Resp: 1665

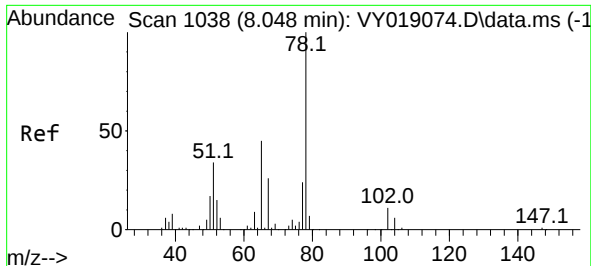
Ion Ratio Lower Upper

56 100

69 141.7 28.7 43.1#

84 213.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 58.434 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

Instrument :

MSVOA_Y

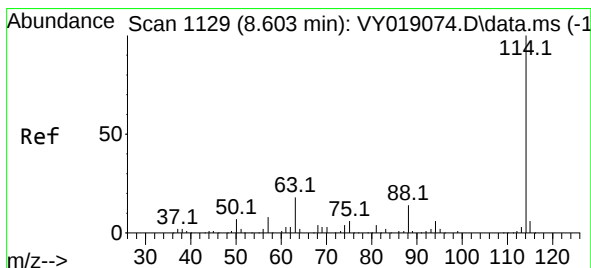
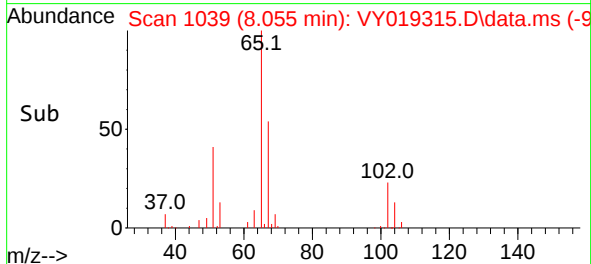
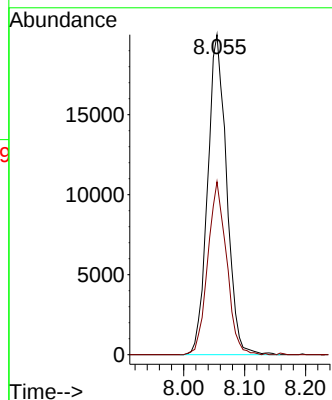
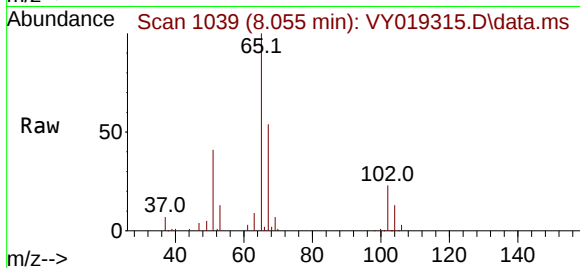
ClientSampleId :

Tgt Ion: 65 Resp: 43198

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

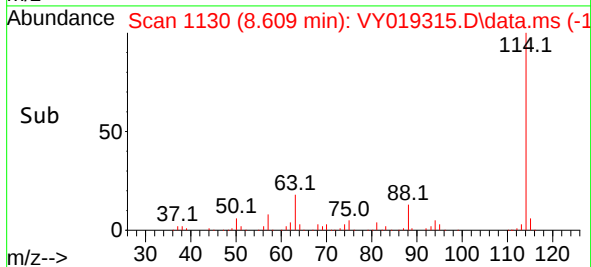
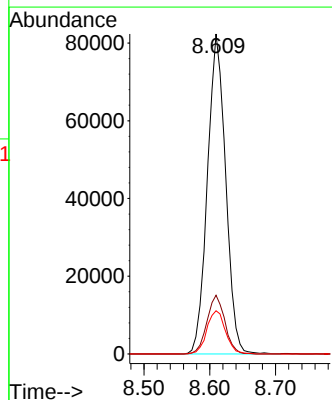
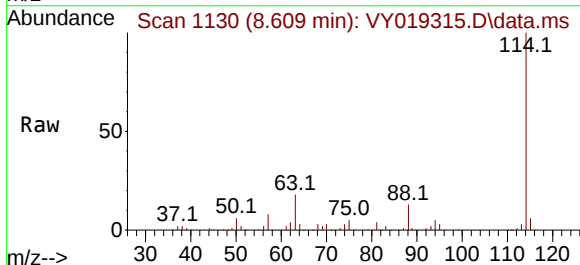
Tgt Ion: 114 Resp: 158864

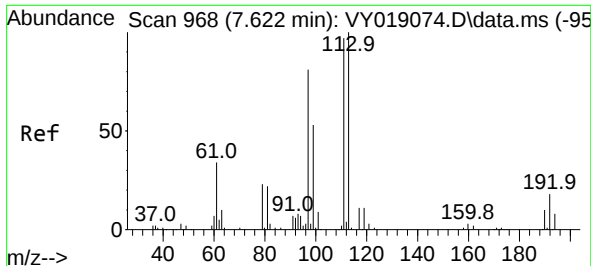
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.5 0.0 27.2

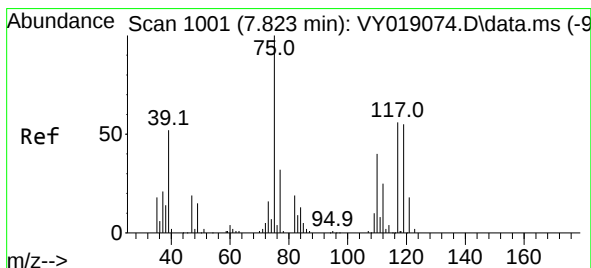
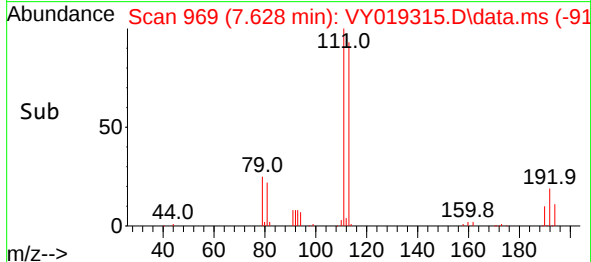
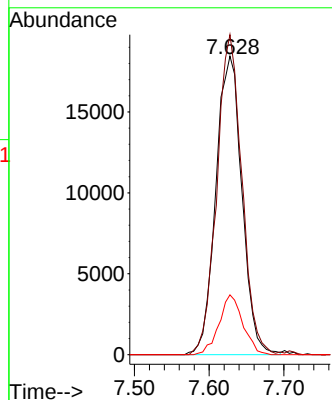
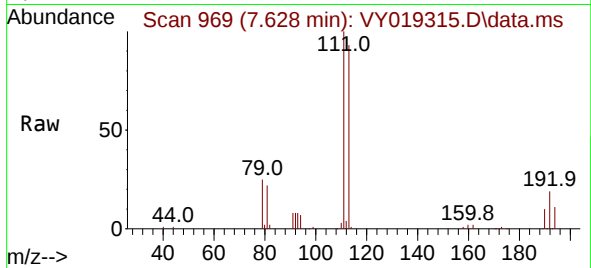




#35
Dibromofluoromethane
Concen: 43.111 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

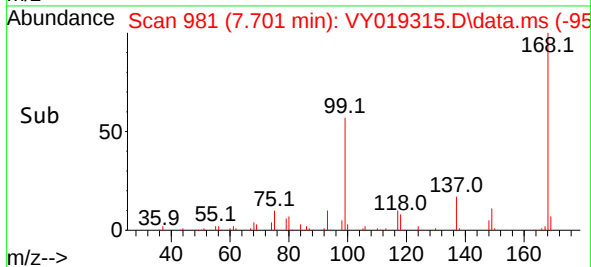
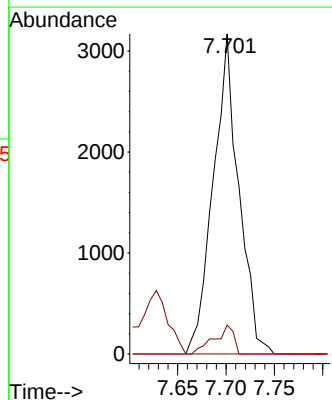
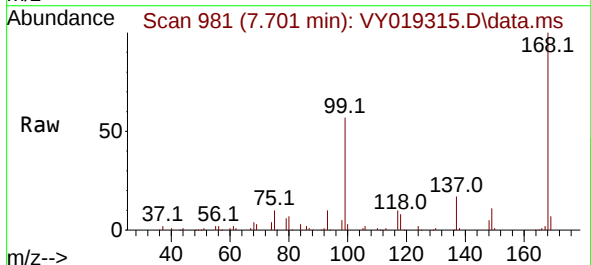
Instrument :
MSVOA_Y
ClientSampleId :

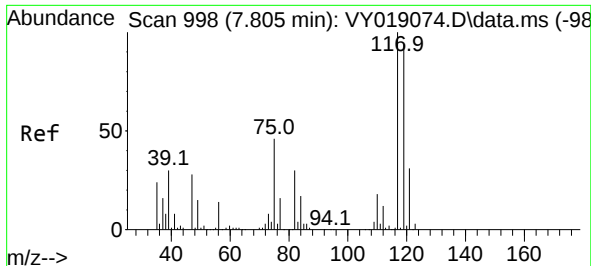
Tgt Ion:113 Resp: 44781
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.087 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

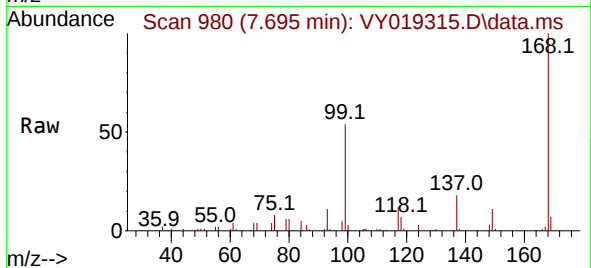
Tgt Ion: 75 Resp: 5830
Ion Ratio Lower Upper
75 100
110 6.8 19.0 57.0#
77 0.0 25.3 37.9#



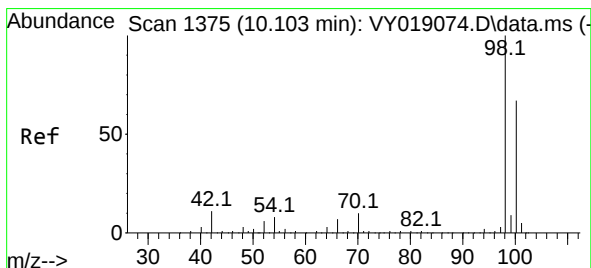
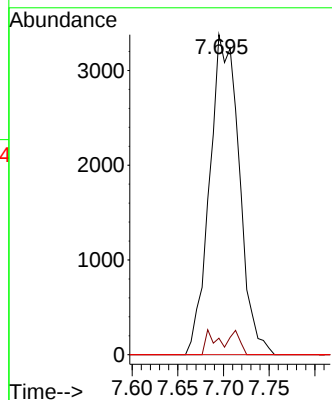
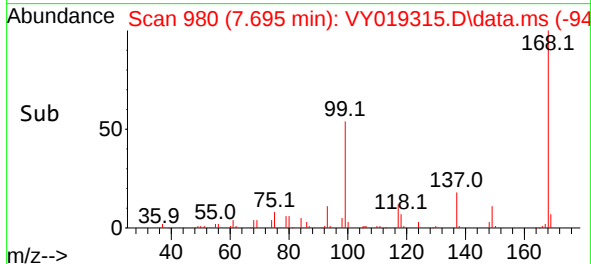


#38
Carbon Tetrachloride
Concen: 4.600 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

Instrument :
MSVOA_Y
ClientSampleId :

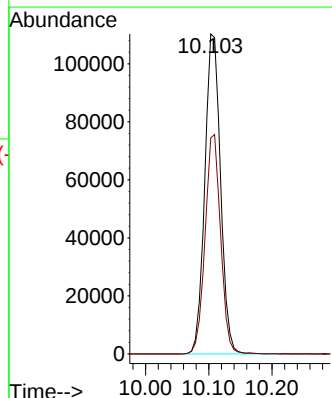
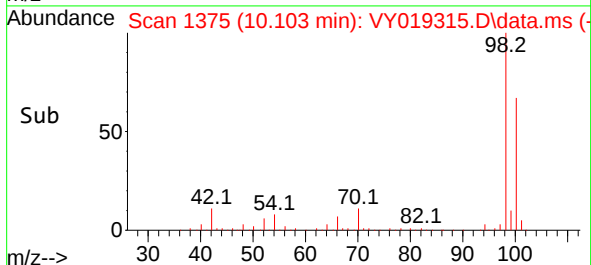
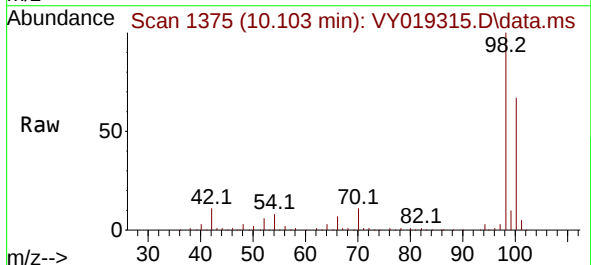


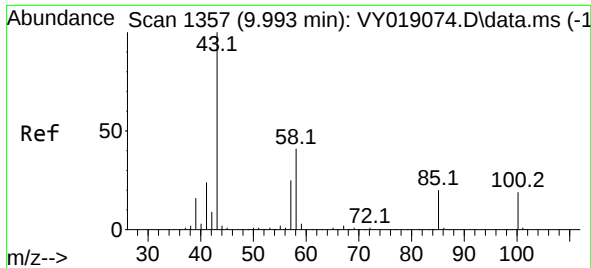
Tgt Ion:117 Resp: 7604
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 51.214 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

Tgt Ion: 98 Resp: 191443
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.294 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

Instrument :

MSVOA_Y

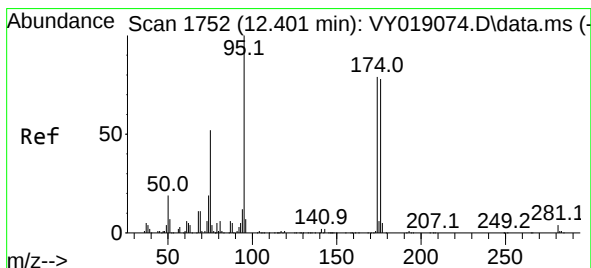
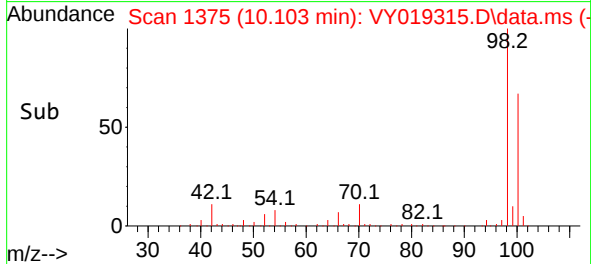
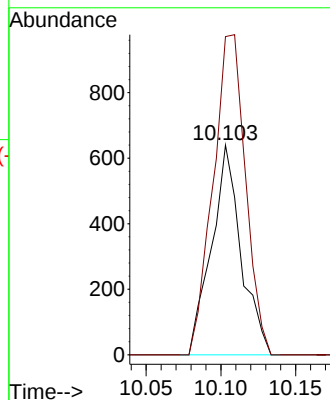
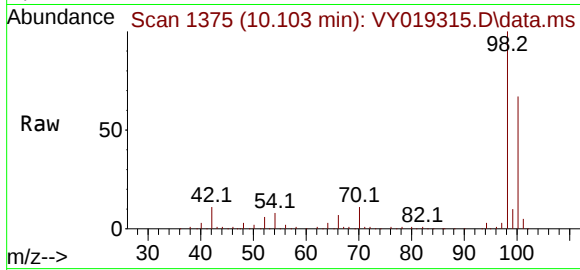
ClientSampleId :

Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

43 100

58 168.3 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 44.142 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

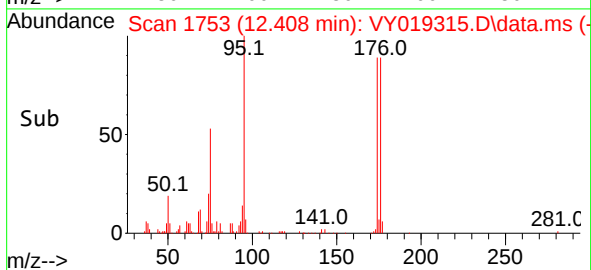
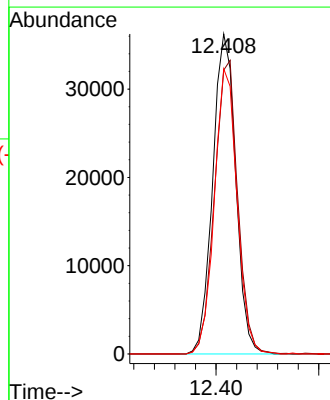
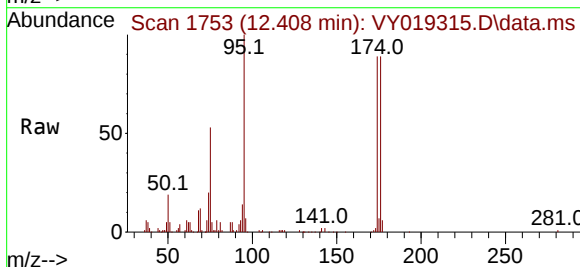
Tgt Ion: 95 Resp: 56251

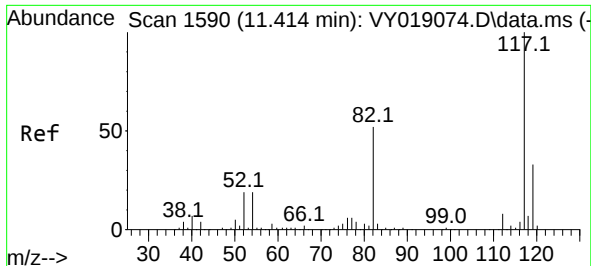
Ion Ratio Lower Upper

95 100

174 92.5 0.0 175.6

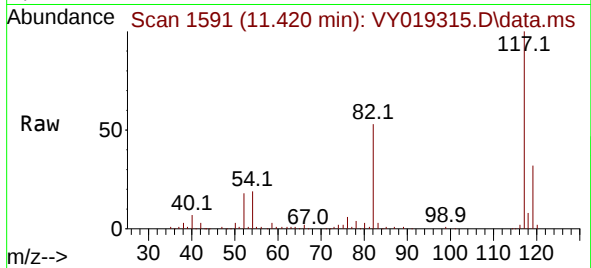
176 88.0 0.0 171.4



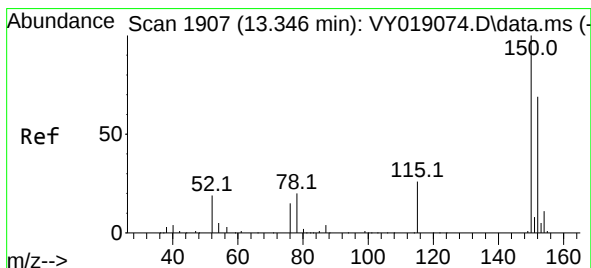
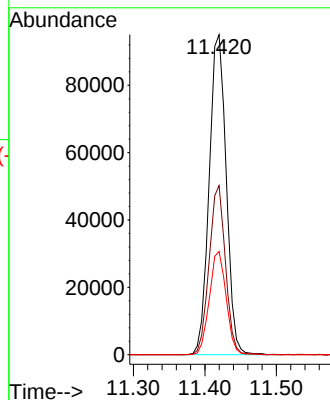
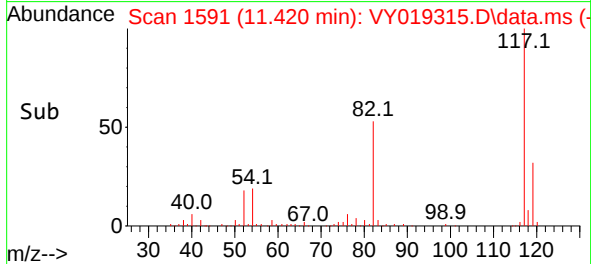


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

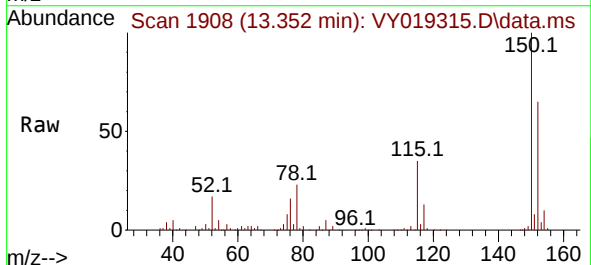
Instrument :
MSVOA_Y
ClientSampleId :



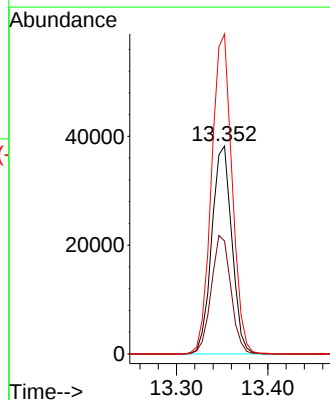
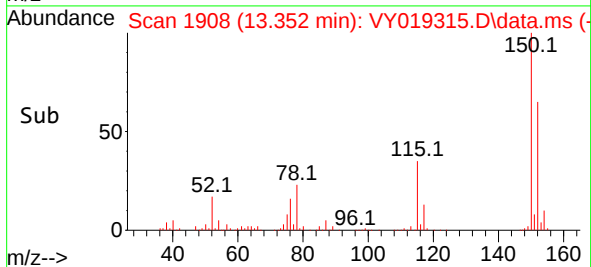
Tgt Ion:117 Resp: 157234
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 32.3 25.9 38.9

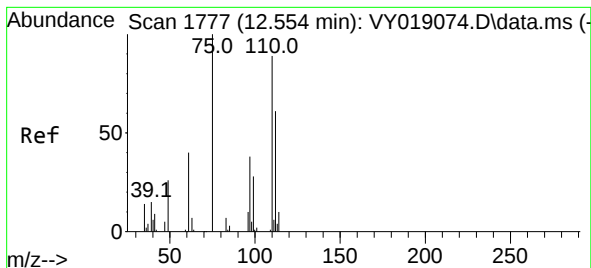


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25



Tgt Ion:152 Resp: 58422
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 157.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 52.249 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

Instrument :

MSVOA_Y

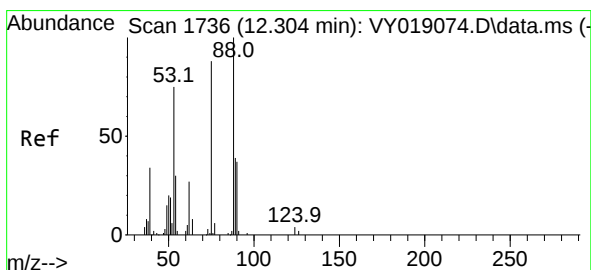
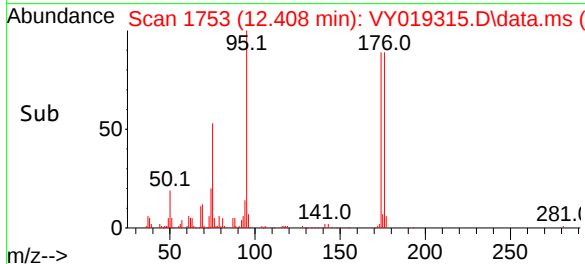
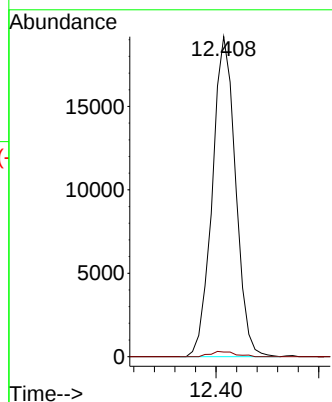
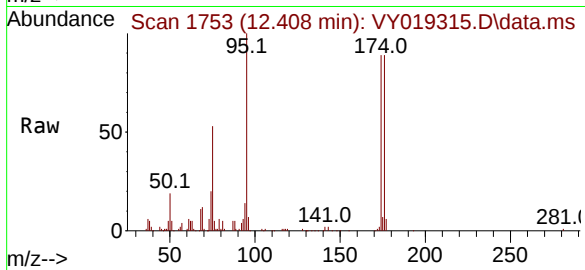
ClientSampleId :

Tgt Ion: 75 Resp: 30103

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.037 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

Tgt Ion: 75 Resp: 30103

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.3 35.8 53.6#

