

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019401.D
 Acq On : 30 Aug 2024 17:23
 Operator : SY/MD
 Sample : P3732-02
 Misc : 8.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 23:17:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

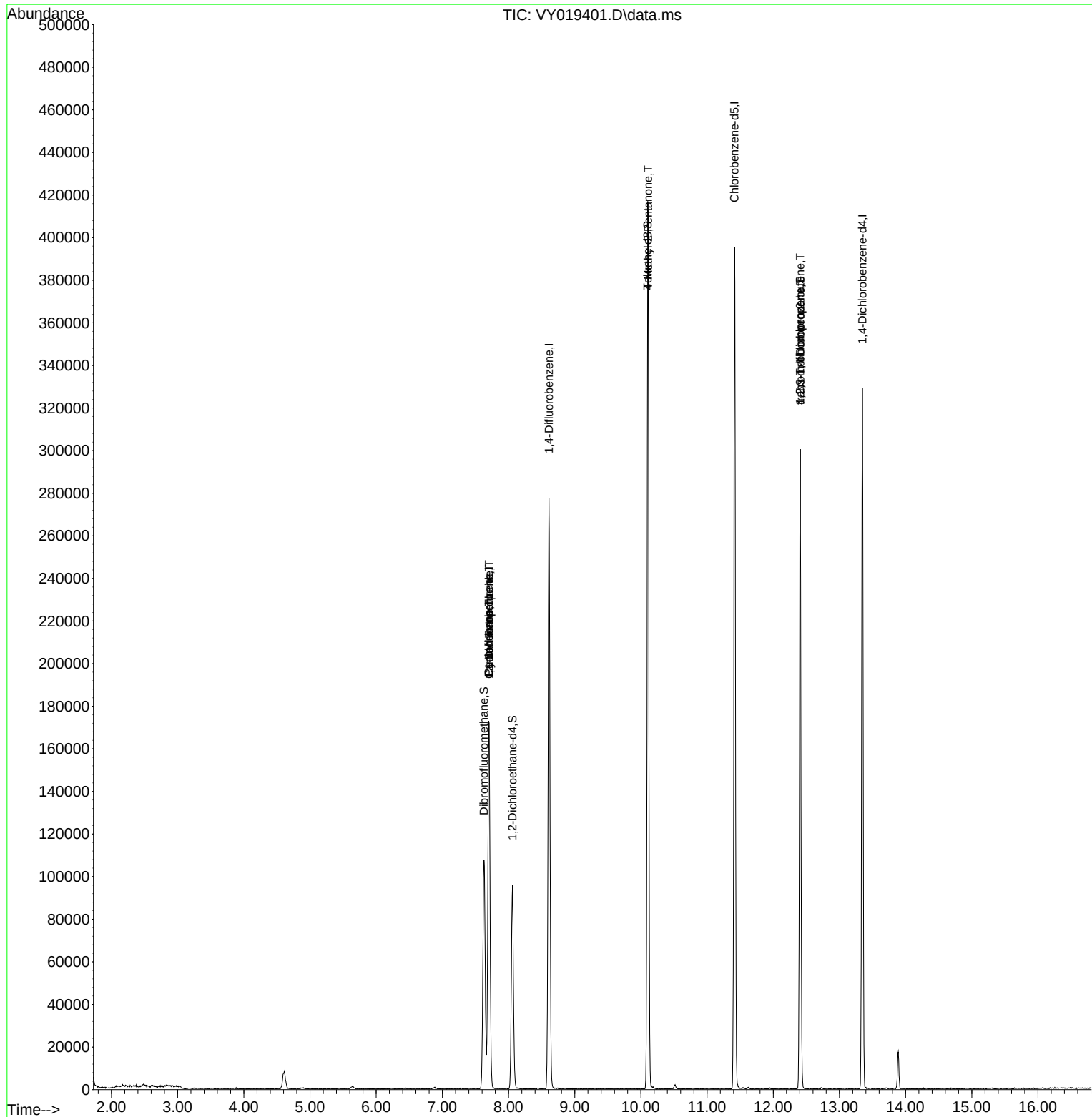
Internal Standards						
1) Pentafluorobenzene	7.701	168	135660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	241077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	213878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	81455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	74014	57.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.200%
35) Dibromofluoromethane	7.628	113	77231	50.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.340%
50) Toluene-d8	10.103	98	268124	47.787	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.408	95	84871	46.768	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.540%
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	311	Below Cal	#	46
20) Methylene Chloride	4.616	84	6014	Below Cal	#	85
31) Cyclohexane	7.701	56	2799	1.281	ug/l #	22
36) 1,1-Dichloropropene	7.707	75	10207	4.739	ug/l #	48
38) Carbon Tetrachloride	7.707	117	13584	5.174	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	1257	1.443	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	45073	63.009	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	45073	155.890	ug/l #	16

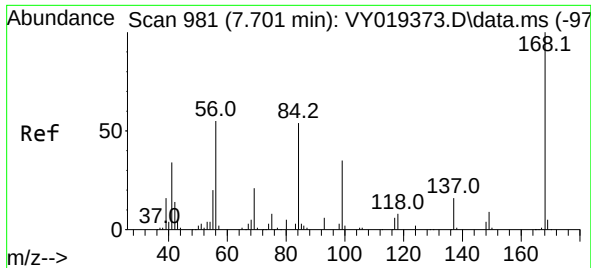
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
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MSVOA_Y
ClientSampleId :

Quant Time: Aug 30 23:17:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

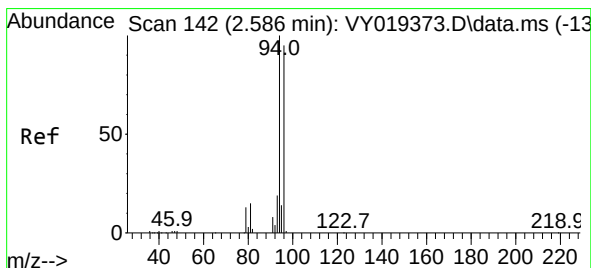
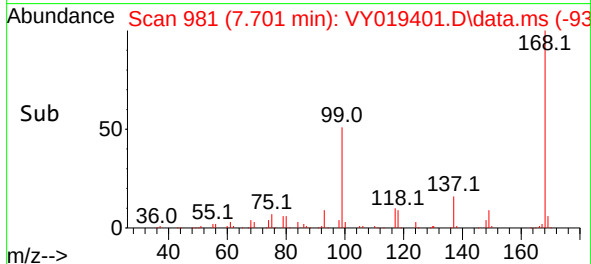
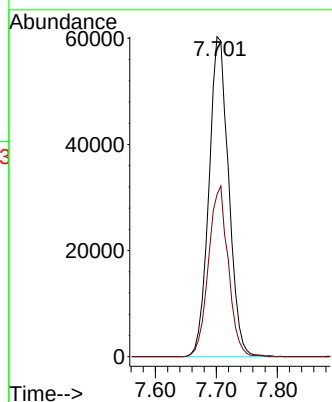
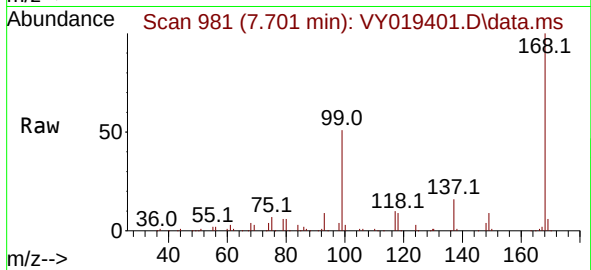




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

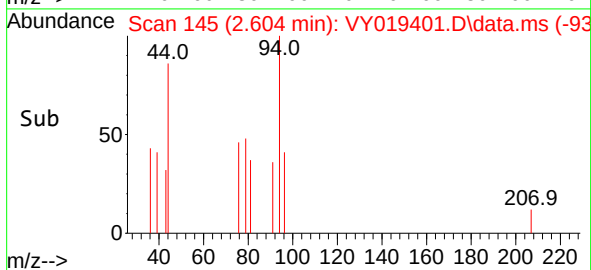
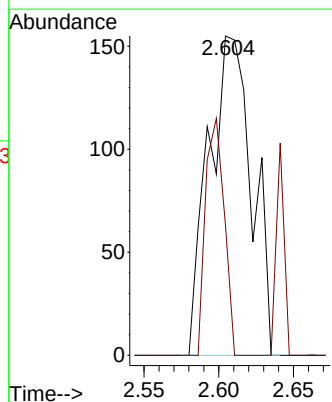
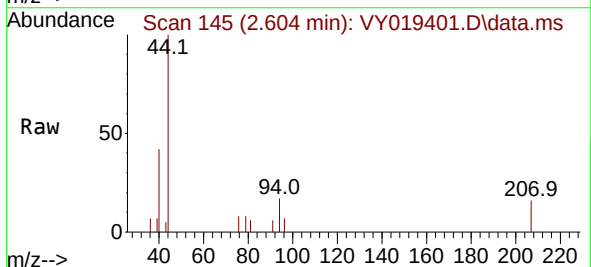
Instrument :
MSVOA_Y
ClientSampleId :

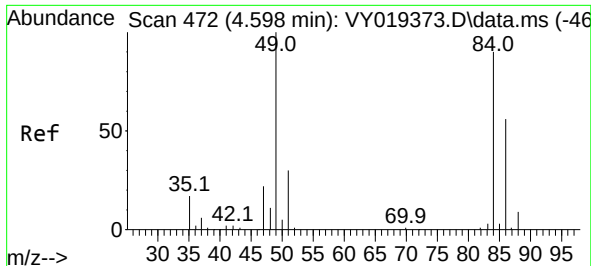
Tgt Ion:168 Resp: 135660
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 40.6 74.1 111.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.616 min Scan# 41

Delta R.T. 0.018 min

Lab File: VY019401.D

Acq: 30 Aug 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 6014

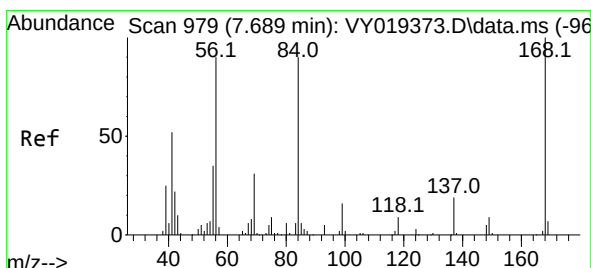
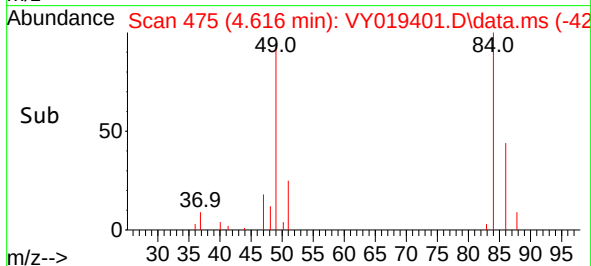
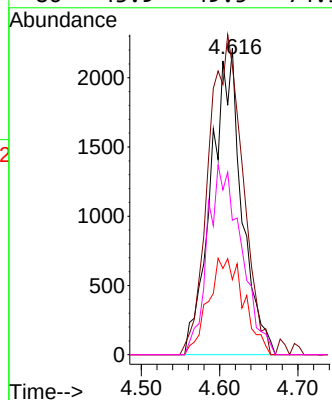
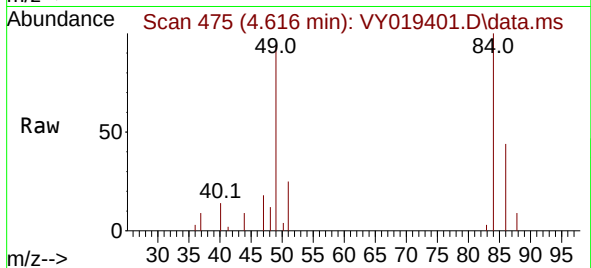
Ion Ratio Lower Upper

84 100

49 94.4 84.4 126.6

51 24.5 26.0 39.0#

86 43.9 49.5 74.3#



#31

Cyclohexane

Concen: 1.281 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019401.D

Acq: 30 Aug 2024 17:23

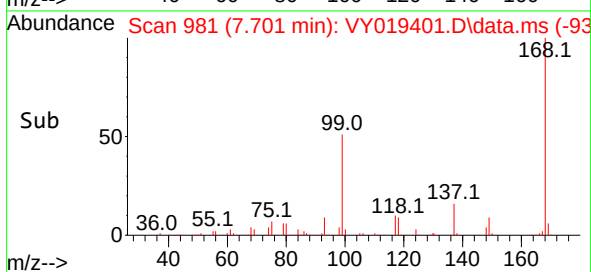
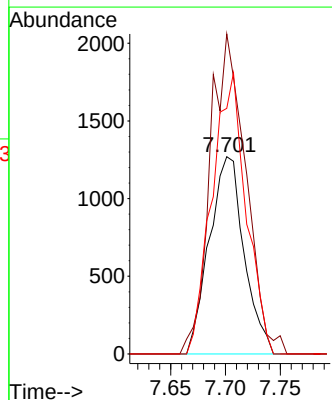
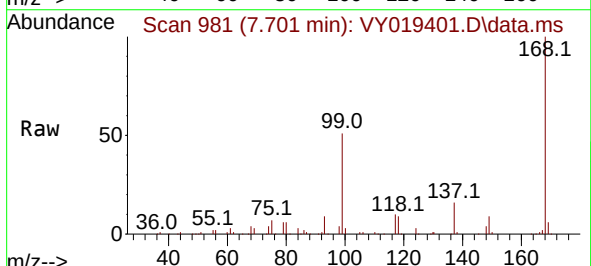
Tgt Ion: 56 Resp: 2799

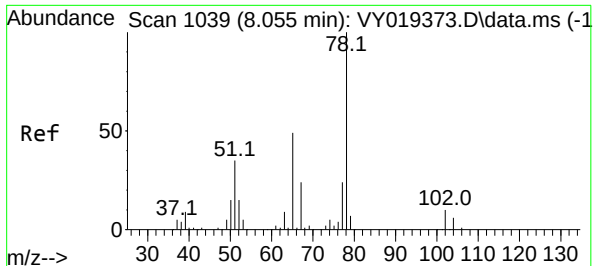
Ion Ratio Lower Upper

56 100

69 162.2 28.7 43.1#

84 124.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.601 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019401.D

Acq: 30 Aug 2024 17:23

Instrument :

MSVOA_Y

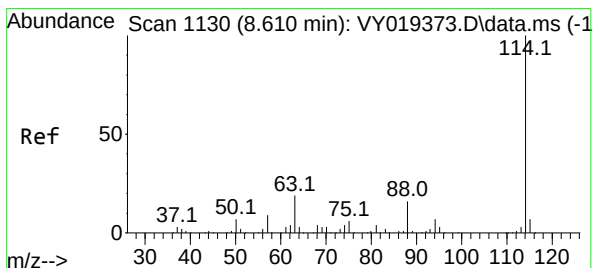
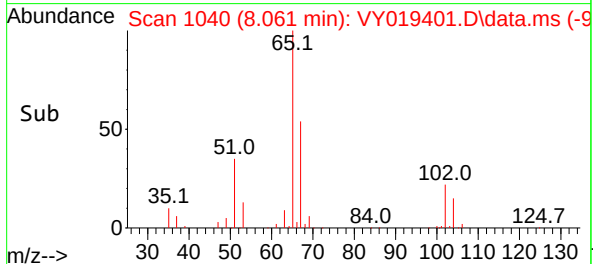
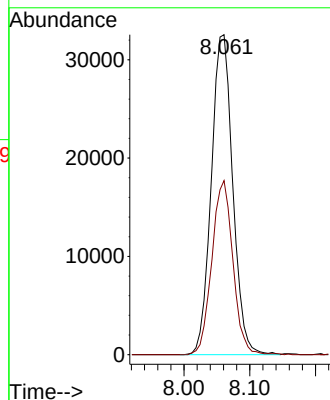
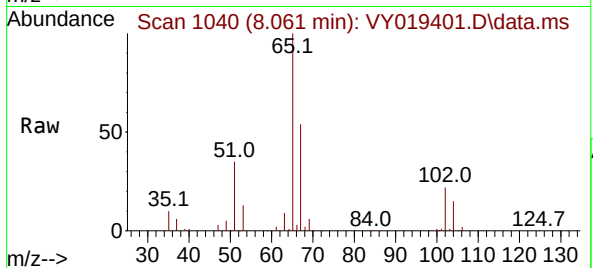
ClientSampleId :

Tgt Ion: 65 Resp: 74014

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019401.D

Acq: 30 Aug 2024 17:23

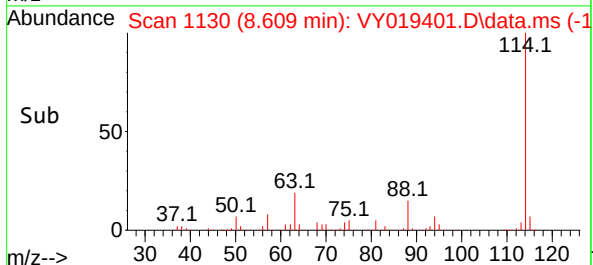
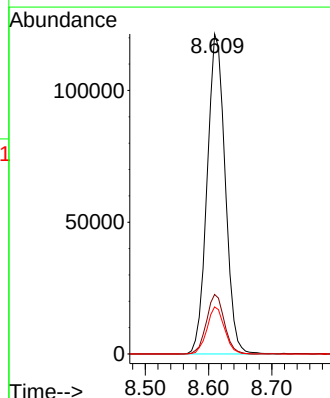
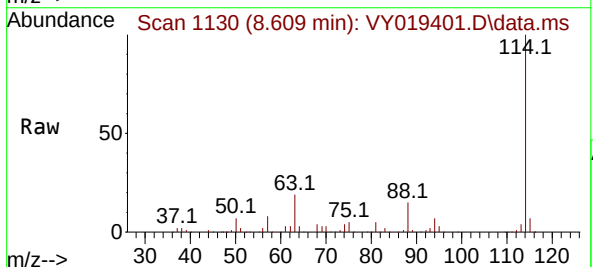
Tgt Ion: 114 Resp: 241077

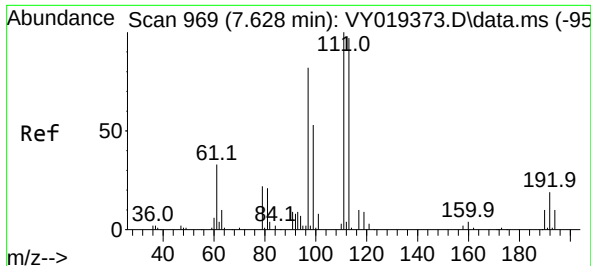
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.7 0.0 27.2

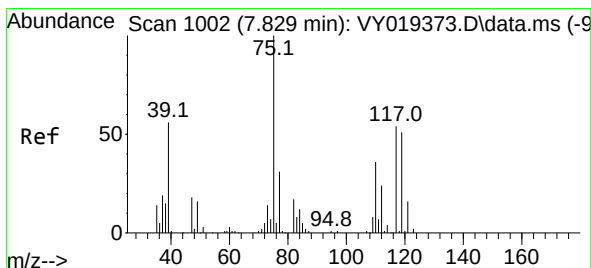
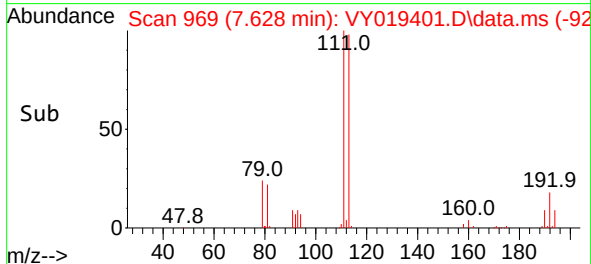
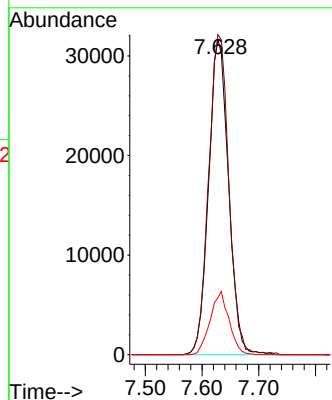
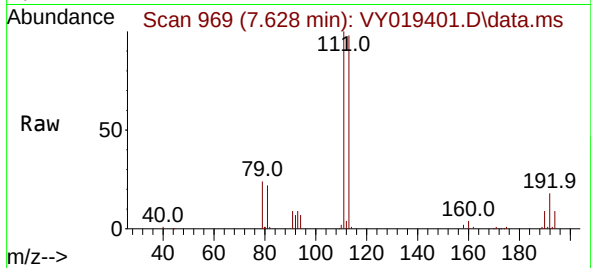




#35
Dibromofluoromethane
Concen: 50.671 ug/l
RT: 7.628 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

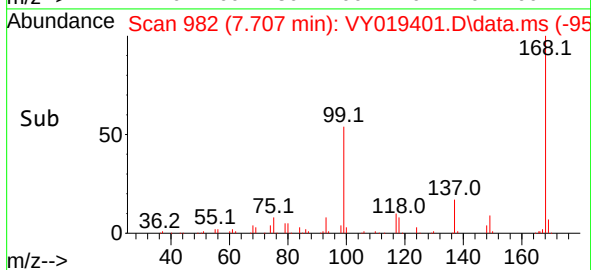
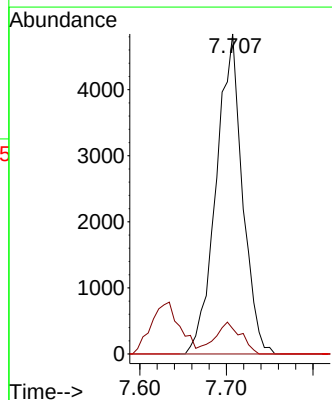
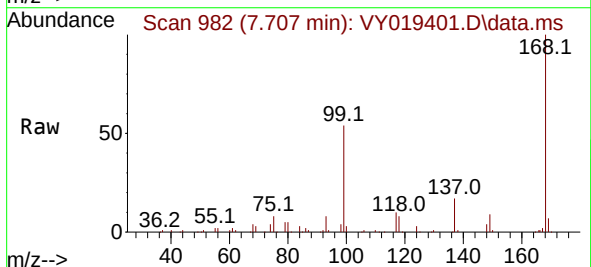
Instrument :
MSVOA_Y
ClientSampleId :

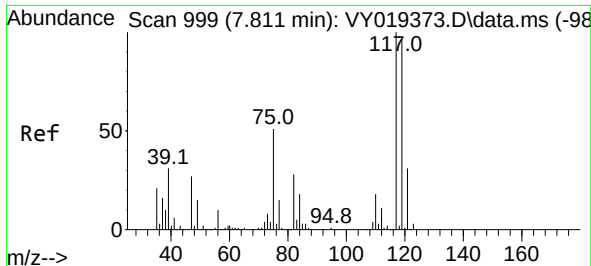
Tgt Ion:113 Resp: 77231
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

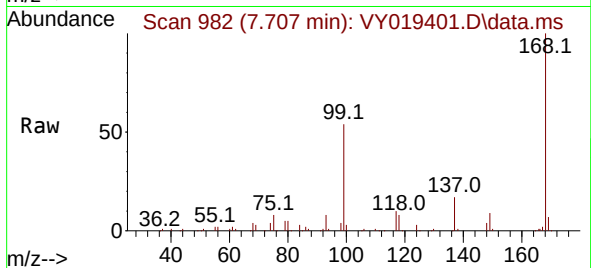
Tgt Ion: 75 Resp: 10207
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.0 25.3 37.9#



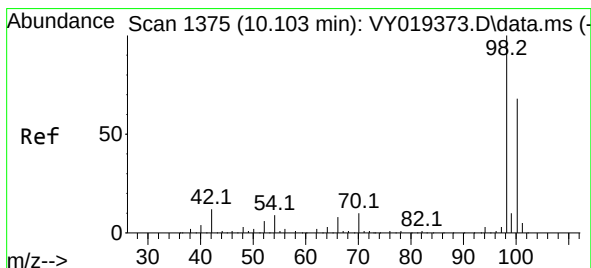
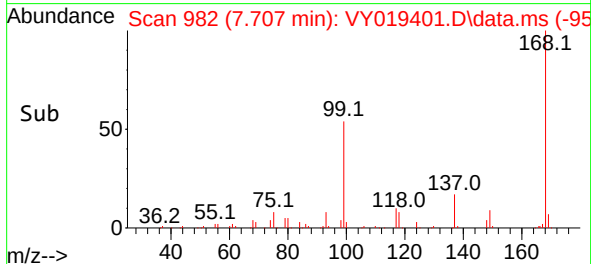
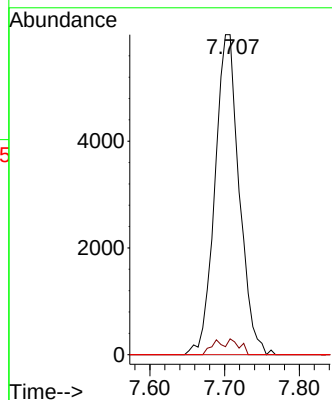


#38
Carbon Tetrachloride
Concen: 5.174 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Instrument :
MSVOA_Y
ClientSampleId :

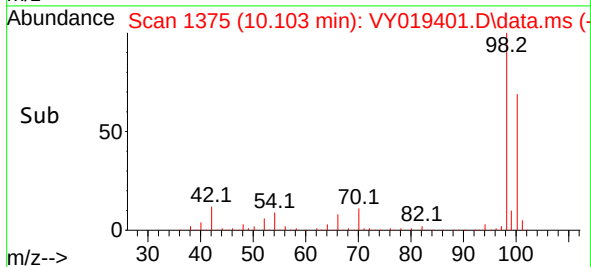
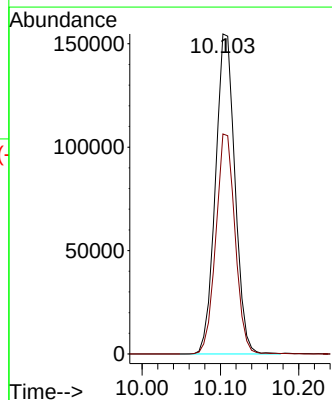
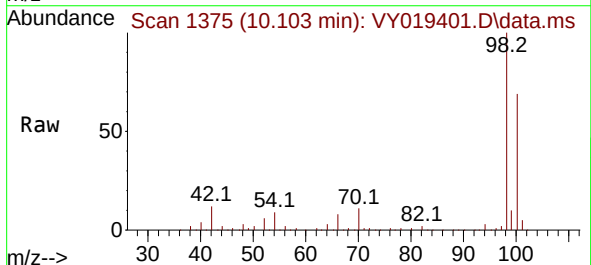


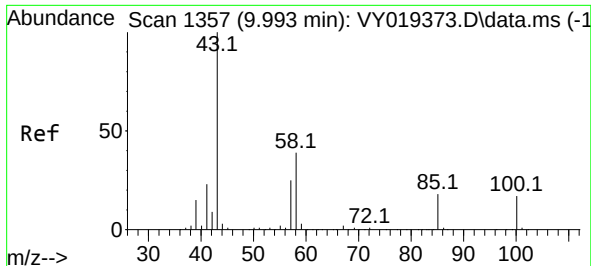
Tgt Ion:117 Resp: 13584
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.787 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Tgt Ion: 98 Resp: 268124
Ion Ratio Lower Upper
98 100
100 67.8 52.0 78.0

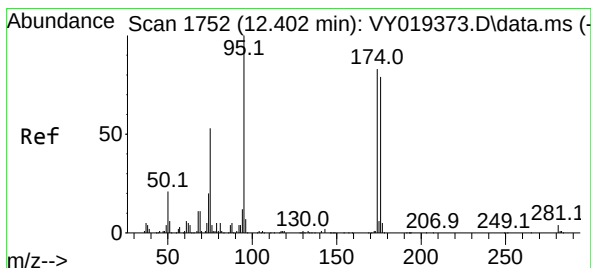
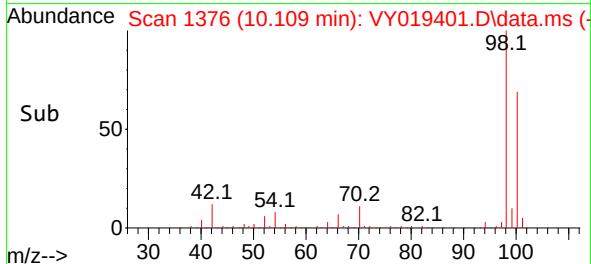
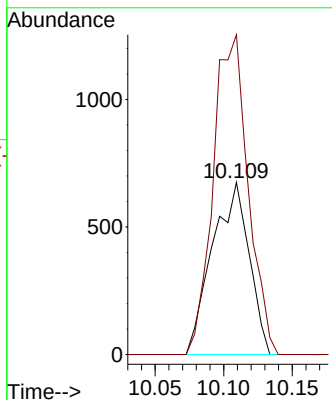
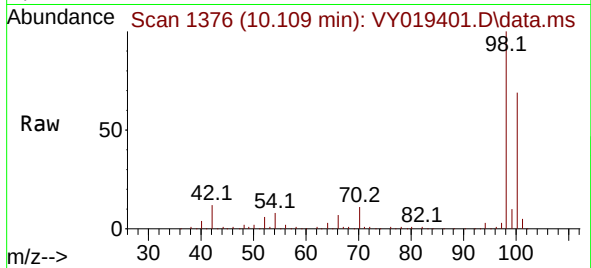




#51
4-Methyl-2-Pentanone
Concen: 1.443 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

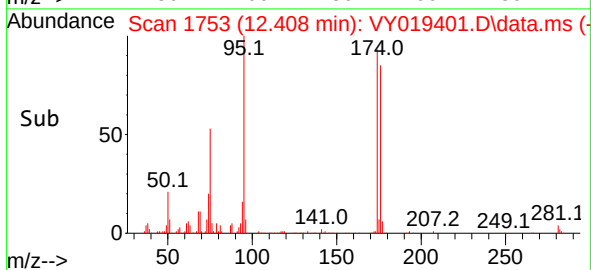
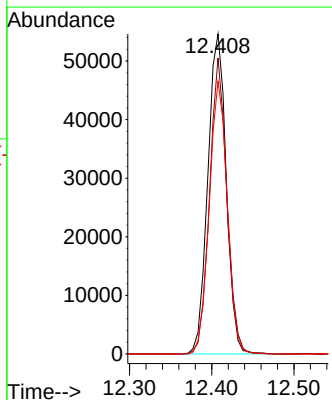
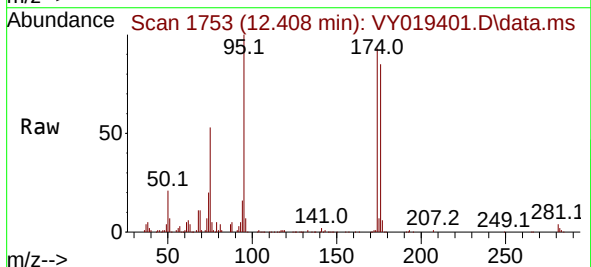
Instrument :
MSVOA_Y
ClientSampleId :

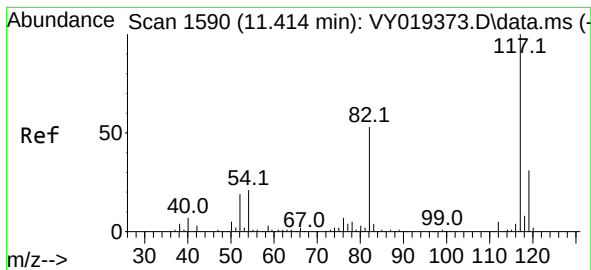
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 176.8 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Tgt Ion: 95 Resp: 84871
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.6
176 83.5 0.0 171.4

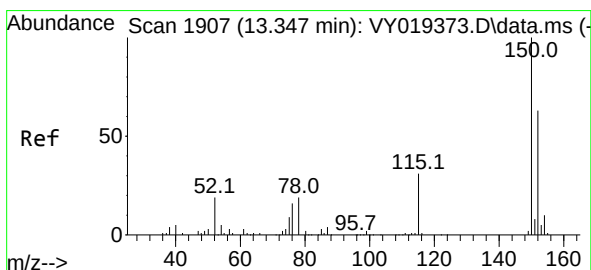
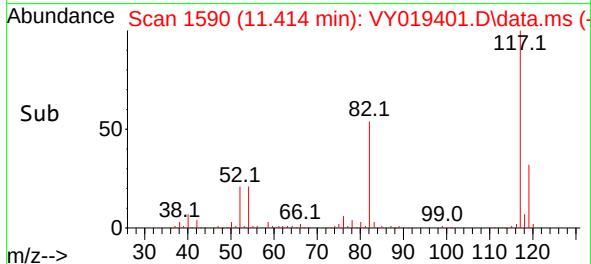
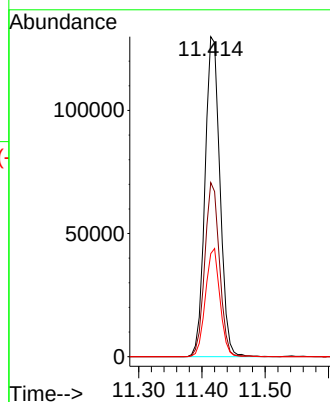
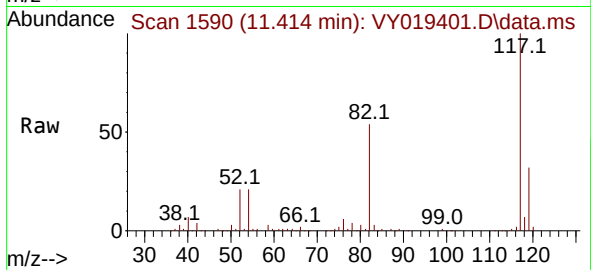




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

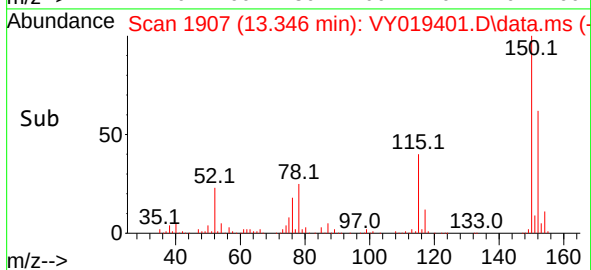
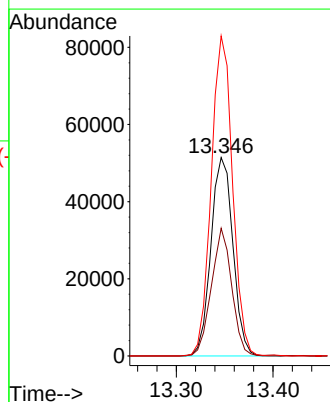
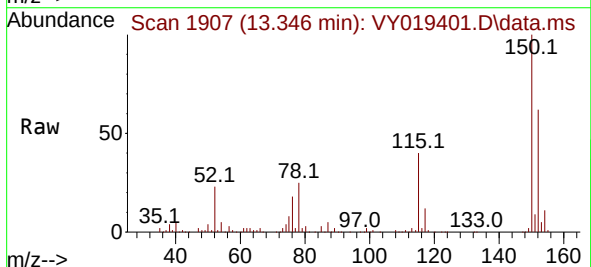
Instrument :
MSVOA_Y
ClientSampleId :

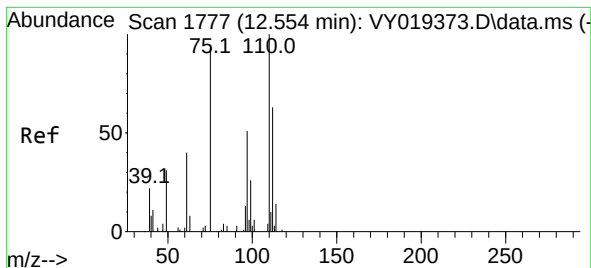
Tgt Ion:117 Resp: 213878
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Tgt Ion:152 Resp: 81455
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 156.0 0.0 345.6

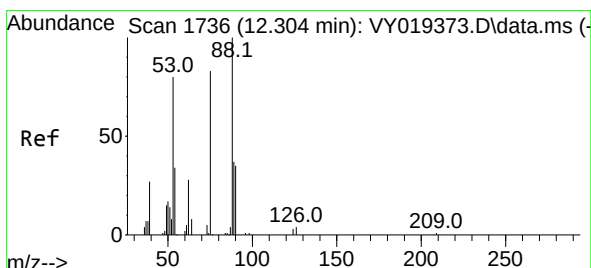
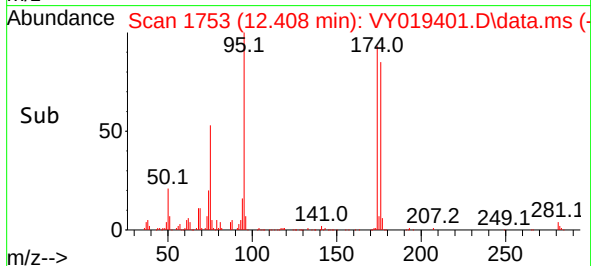
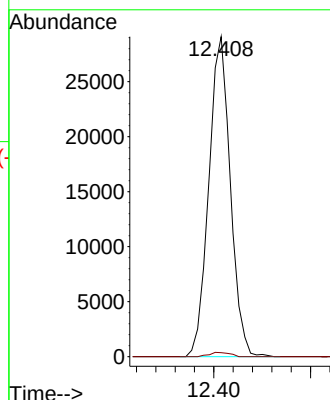
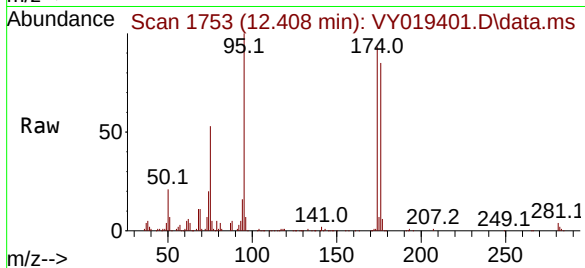




#76
1,2,3-Trichloropropane
Concen: 63.009 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45073
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 155.890 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Tgt Ion: 75 Resp: 45073
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

