

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019363.D
 Acq On : 29 Aug 2024 07:06
 Operator : SY/MD
 Sample : P3735-14
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 07:30:42 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)

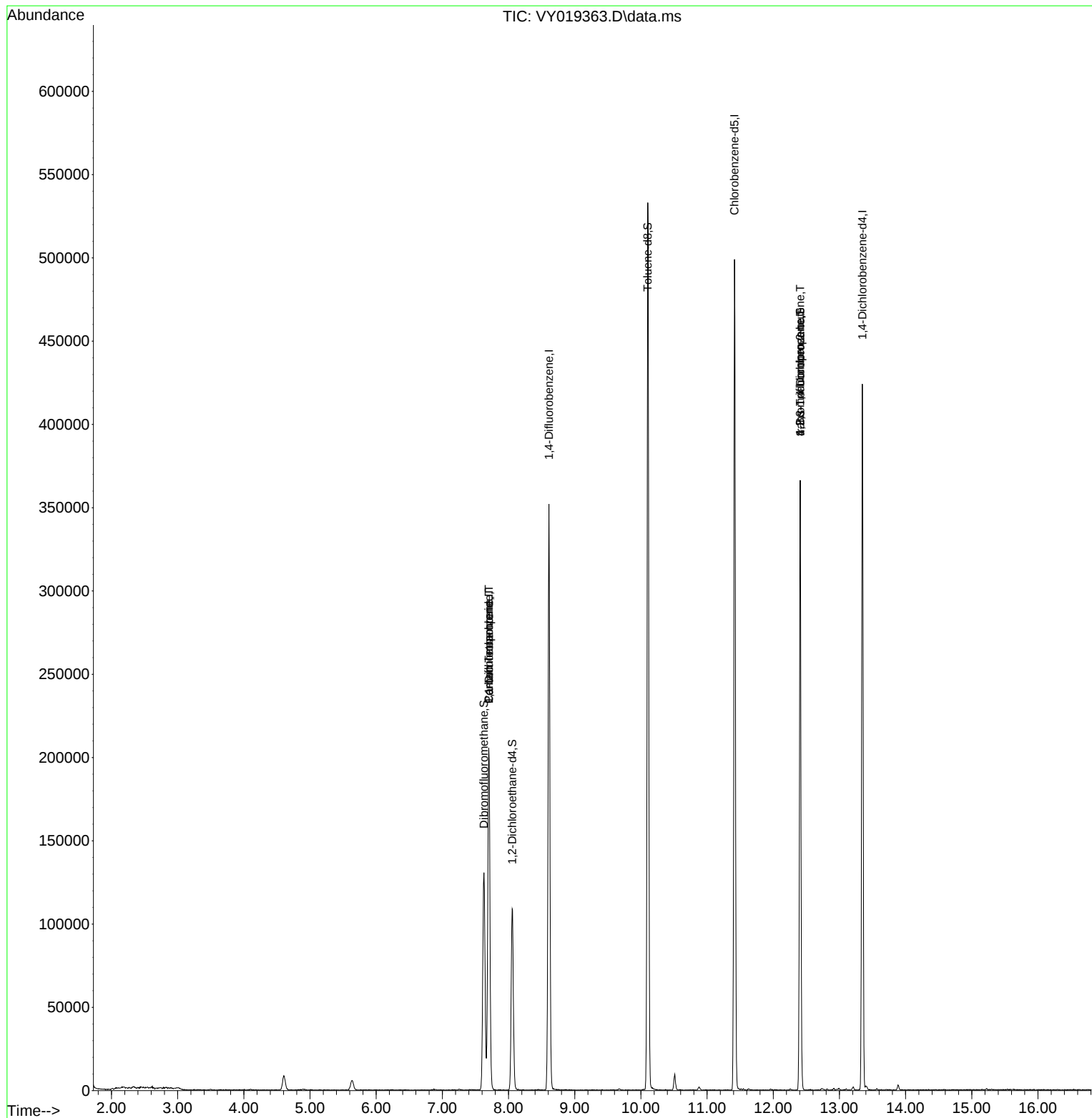
Internal Standards						
1) Pentafluorobenzene	7.701	168	162364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	294381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	268145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	104223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	89096	54.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.480%	
35) Dibromofluoromethane	7.628	113	93929	48.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.600%	
50) Toluene-d8	10.103	98	332586	48.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.020%	
62) 4-Bromofluorobenzene	12.408	95	102957	43.601	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	195	Below Cal	#	54
6) Chloroethane	2.787	64	38	Below Cal	#	42
11) Tert butyl alcohol	4.817	59	44	Below Cal	#	88
20) Methylene Chloride	4.610	84	6339	Below Cal	#	92
31) Cyclohexane	7.701	56	3330	Below Cal	#	18
36) 1,1-Dichloropropene	7.701	75	11725	4.436	ug/l #	49
38) Carbon Tetrachloride	7.701	117	15894	5.189	ug/l #	18
76) 1,2,3-Trichloropropane	12.408	75	56839	55.300	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	56839	136.573	ug/l #	16

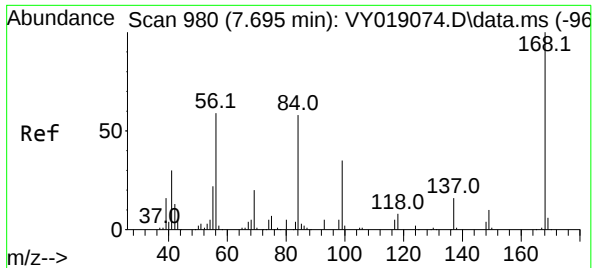
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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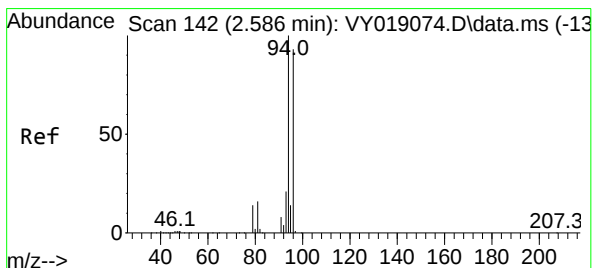
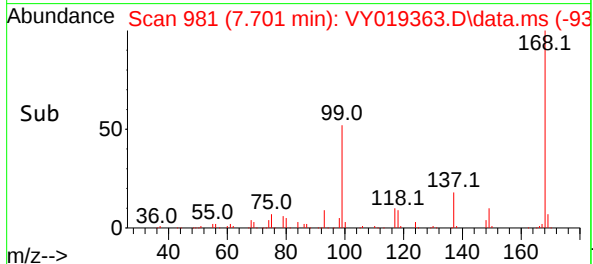
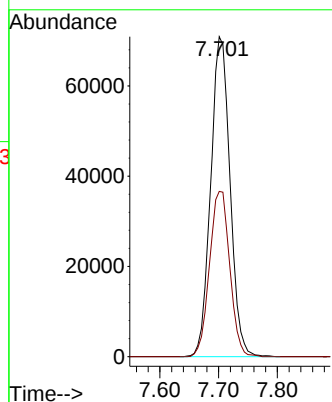
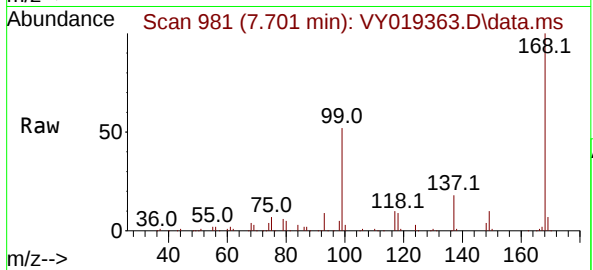




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

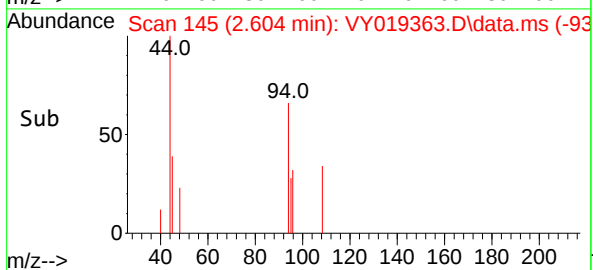
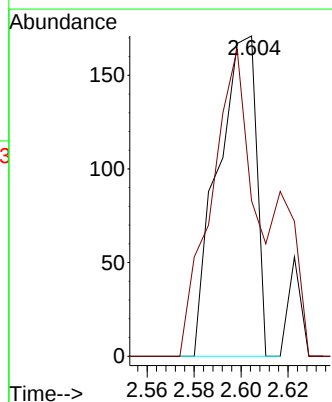
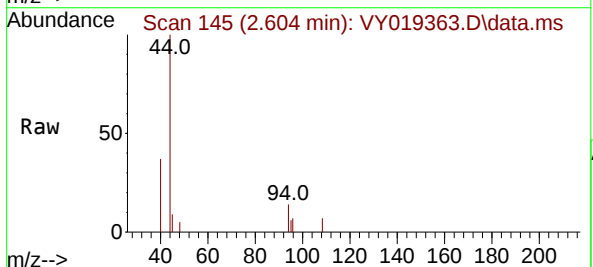
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 162364
Ion Ratio Lower Upper
168 100
99 51.6 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

Tgt Ion: 94 Resp: 195
Ion Ratio Lower Upper
94 100
96 48.5 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.817 min Scan# 508

Delta R.T. -0.025 min

Lab File: VY019363.D

Acq: 29 Aug 2024 07:06

Instrument :

MSVOA_Y

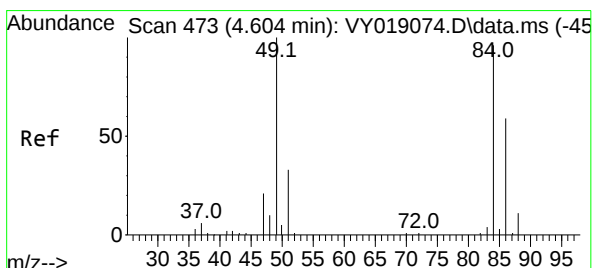
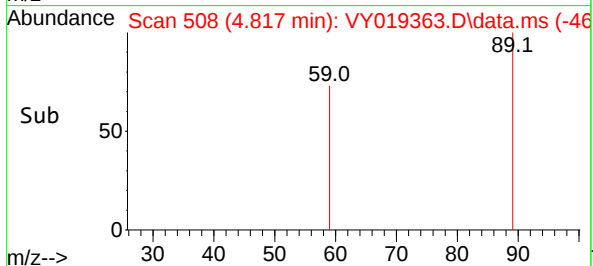
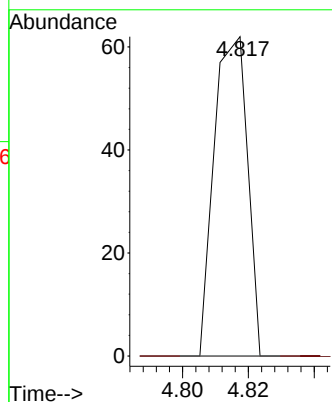
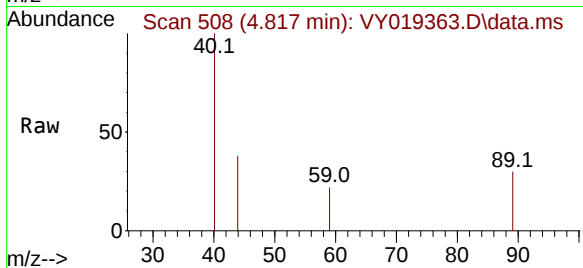
ClientSampleId :

Tgt Ion: 59 Resp: 44

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019363.D

Acq: 29 Aug 2024 07:06

Tgt Ion: 84 Resp: 6339

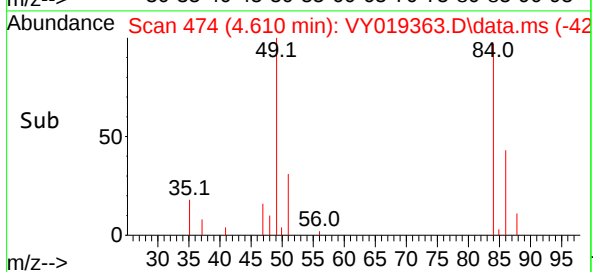
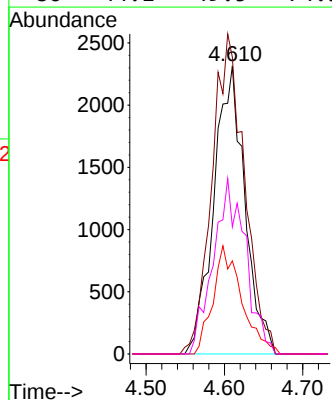
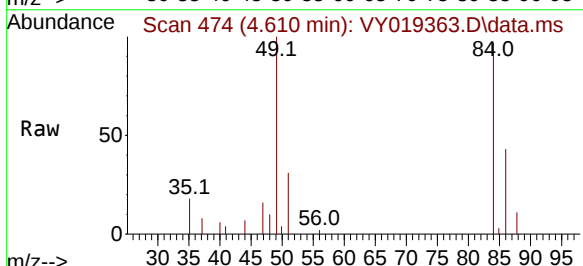
Ion Ratio Lower Upper

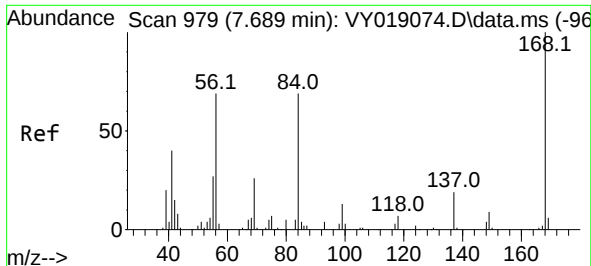
84 100

49 103.1 84.4 126.6

51 32.4 26.0 39.0

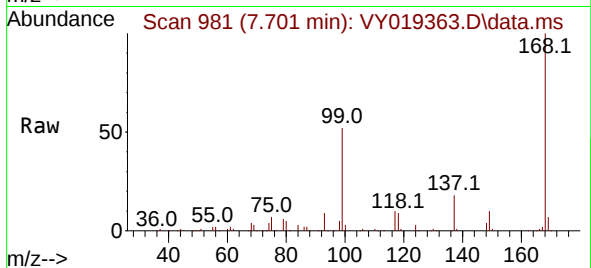
86 44.1 49.5 74.3#



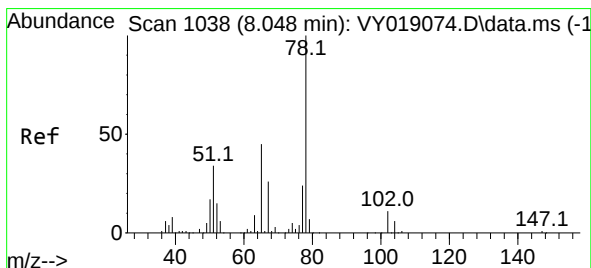
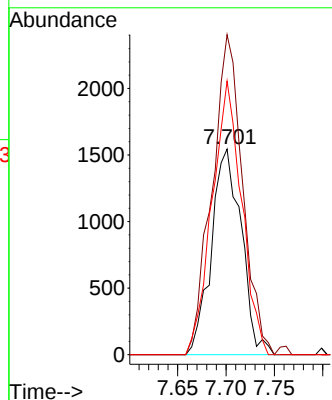
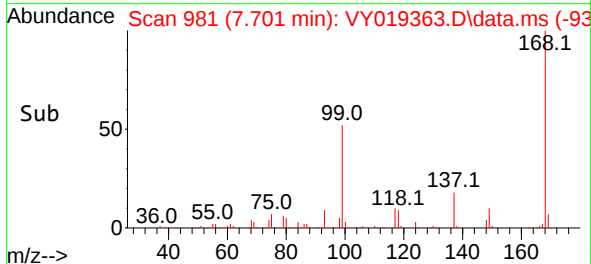


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

Instrument :
MSVOA_Y
ClientSampleId :

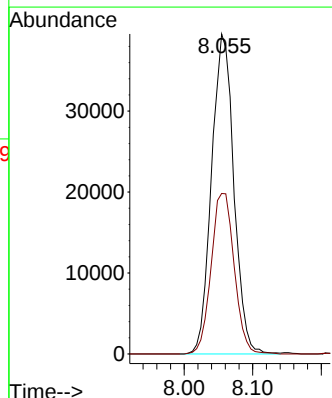
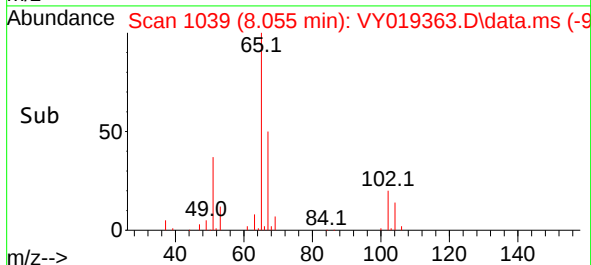
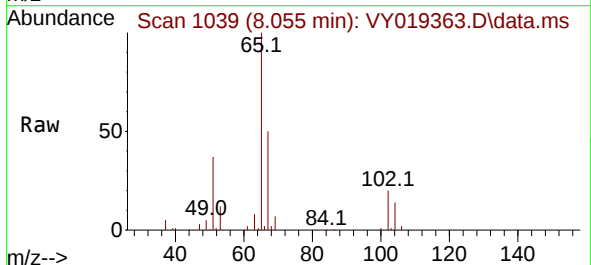


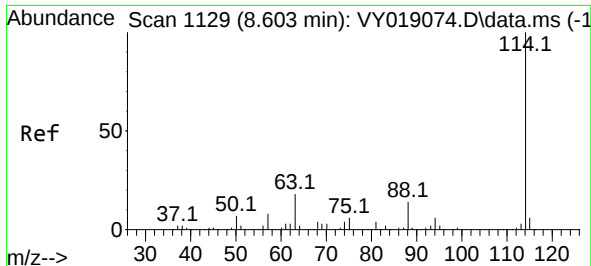
Tgt Ion: 56 Resp: 3330
Ion Ratio Lower Upper
56 100
69 155.6 28.7 43.1#
84 133.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.742 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

Tgt Ion: 65 Resp: 89096
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019363.D

Acq: 29 Aug 2024 07:06

Instrument :

MSVOA_Y

ClientSampleId :

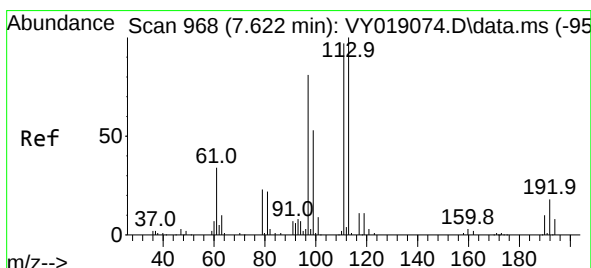
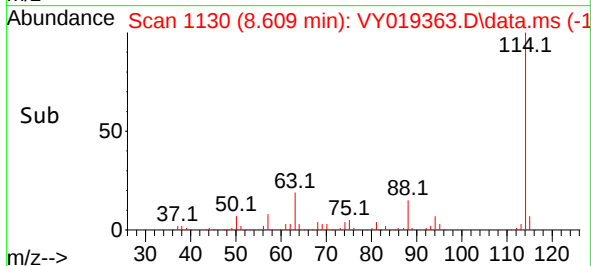
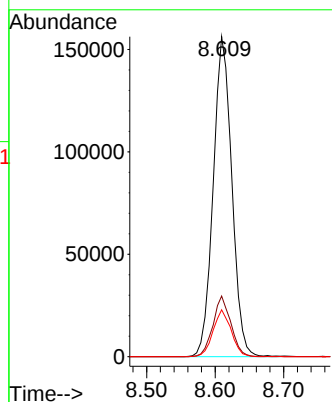
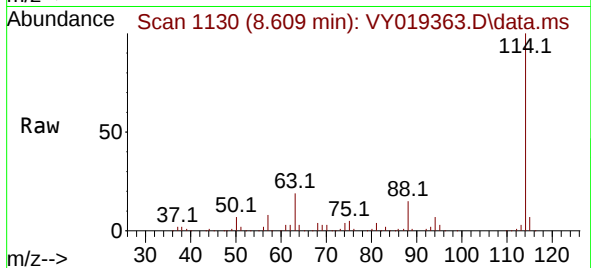
Tgt Ion:114 Resp: 294381

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.798 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019363.D

Acq: 29 Aug 2024 07:06

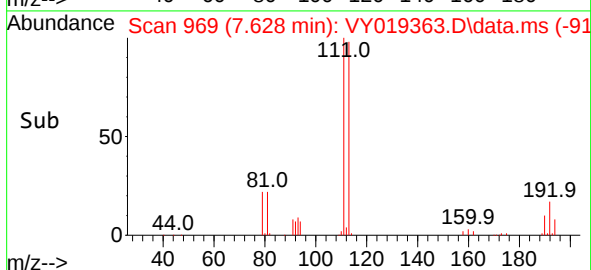
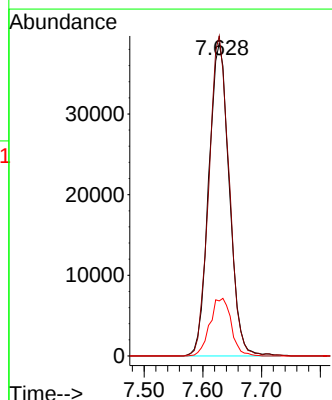
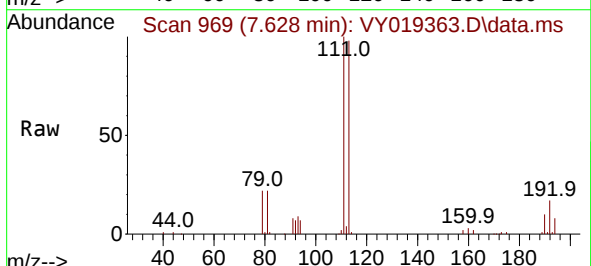
Tgt Ion:113 Resp: 93929

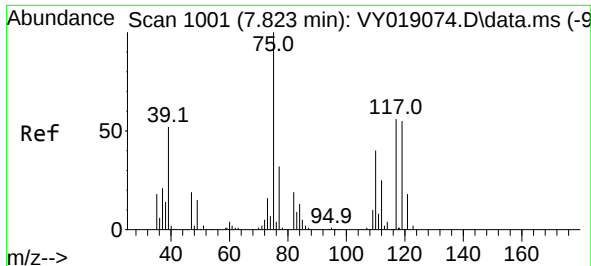
Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

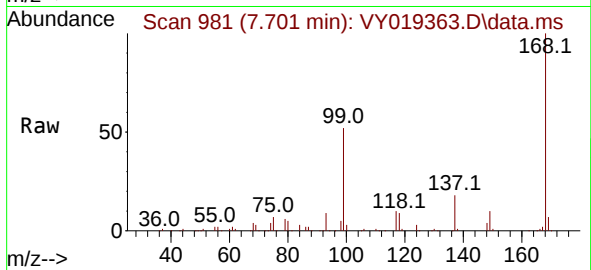
192 19.2 15.9 23.9



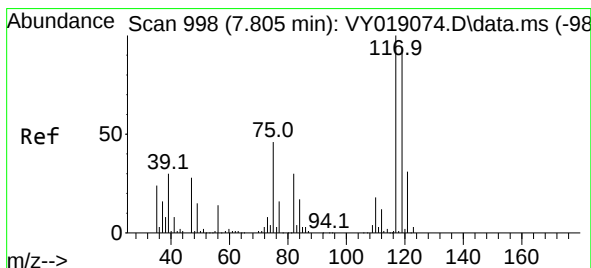
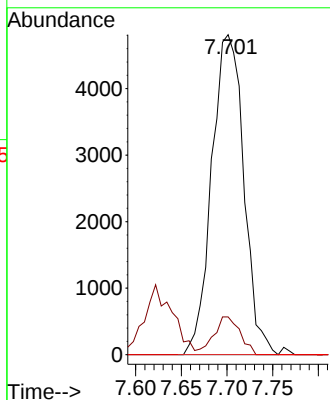
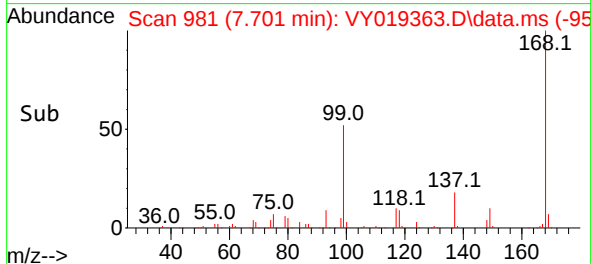


#36
1,1-Dichloropropene
Concen: 4.436 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

Instrument :
MSVOA_Y
ClientSampleId :

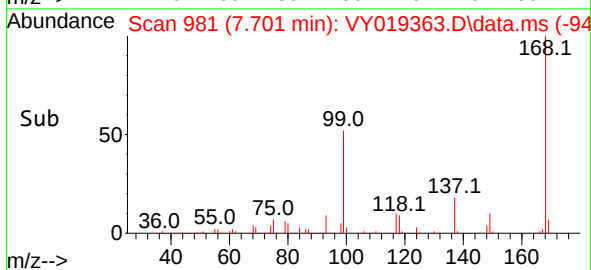
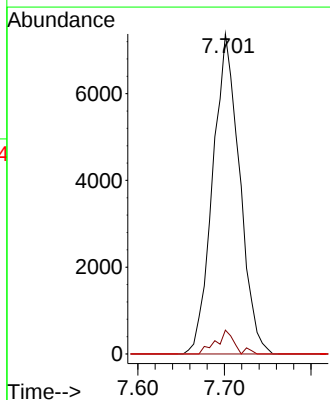
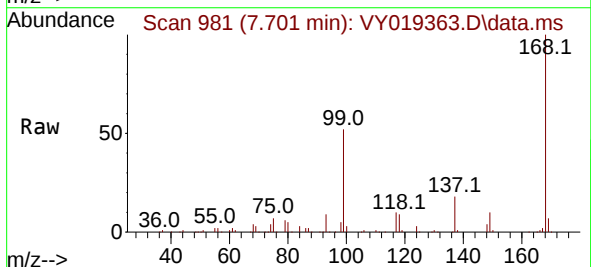


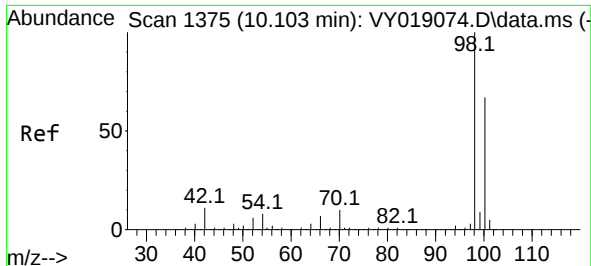
Tgt Ion: 75 Resp: 11725
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.189 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

Tgt Ion: 117 Resp: 15894
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.6#
121 0.0 24.0 36.0#

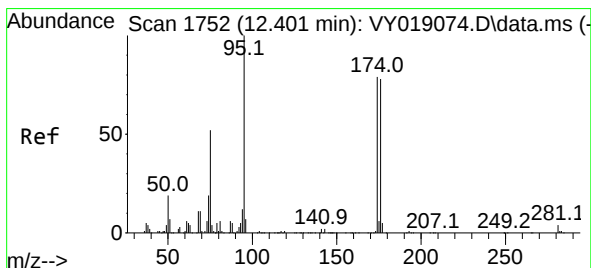
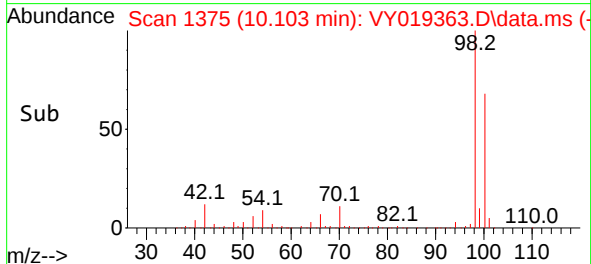
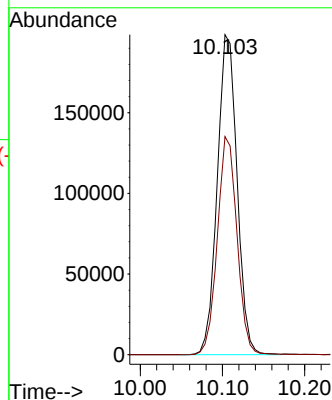
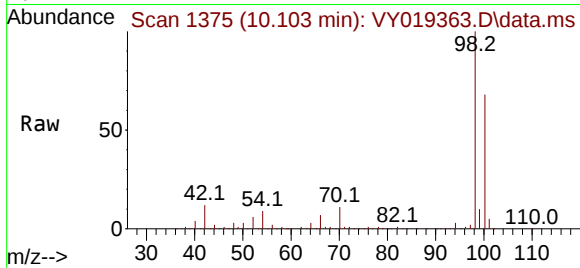




#50
Toluene-d8
Concen: 48.014 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

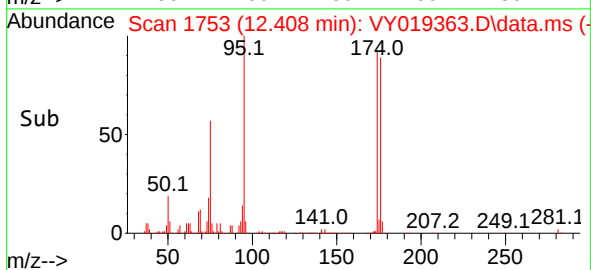
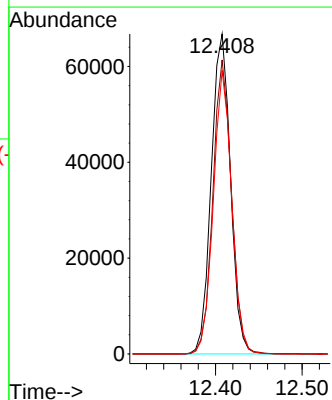
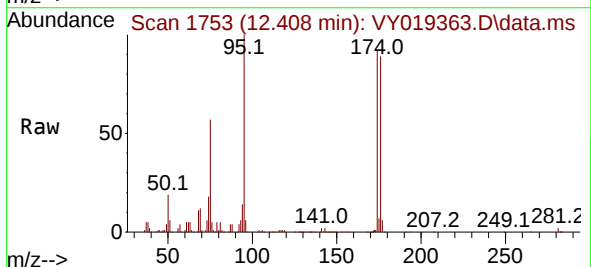
Instrument :
MSVOA_Y
ClientSampleId :

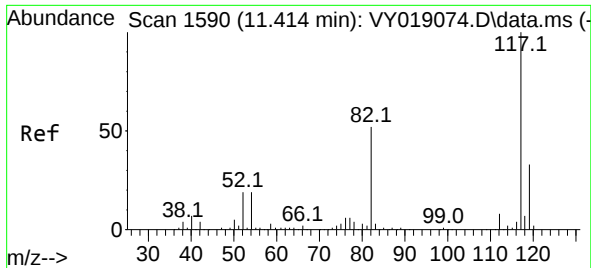
Tgt Ion: 98 Resp: 332586
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.601 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

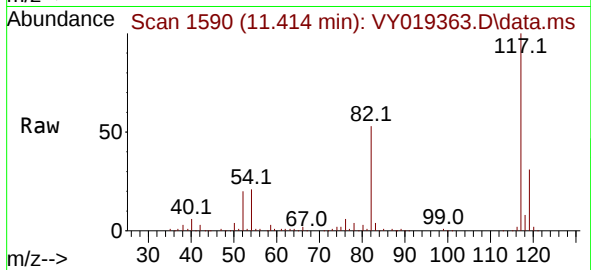
Tgt Ion: 95 Resp: 102957
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 85.1 0.0 171.4



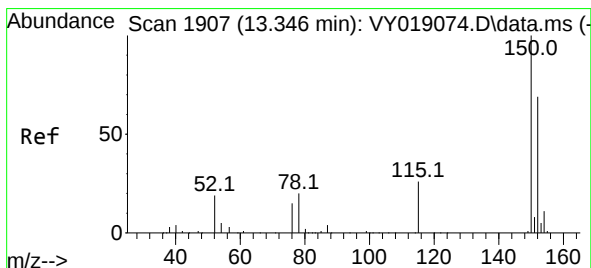
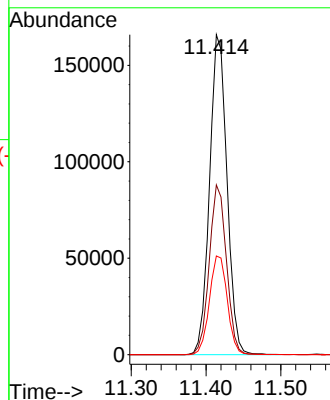
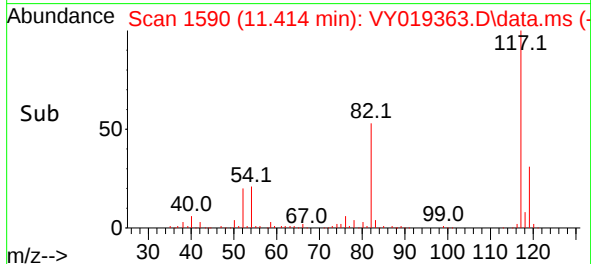


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

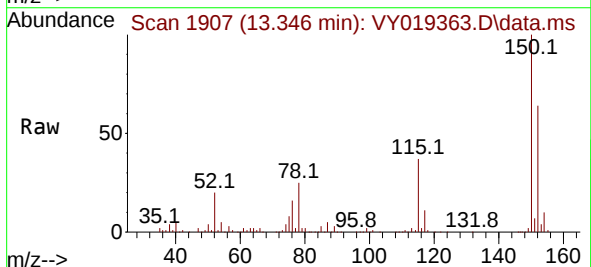
Instrument :
MSVOA_Y
ClientSampleId :



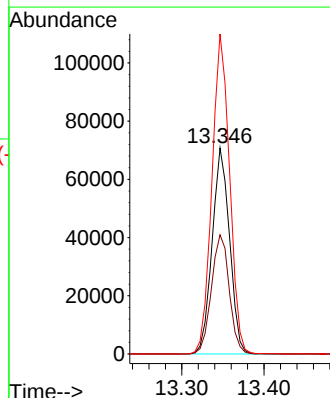
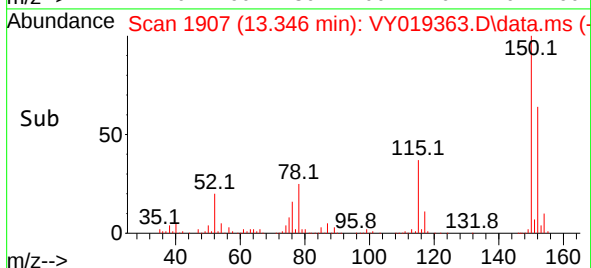
Tgt Ion:117 Resp: 268145
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 30.9 25.9 38.9

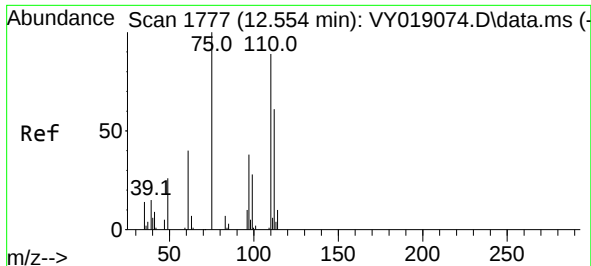


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06



Tgt Ion:152 Resp: 104223
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 157.1 0.0 345.6

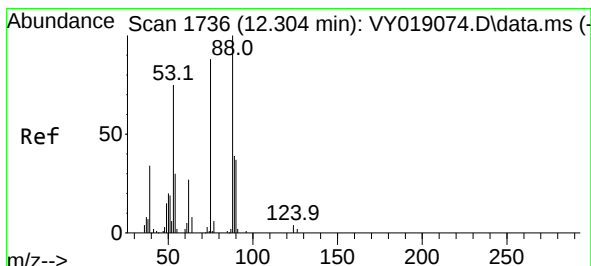
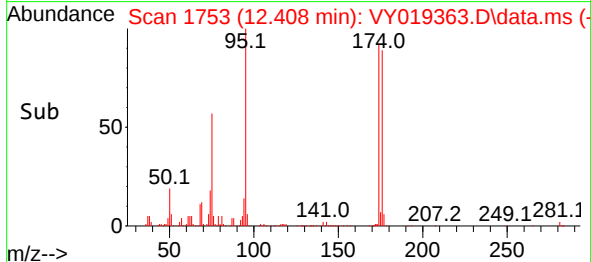
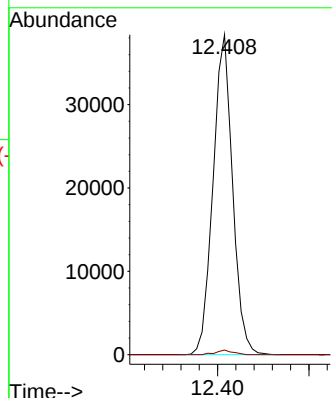
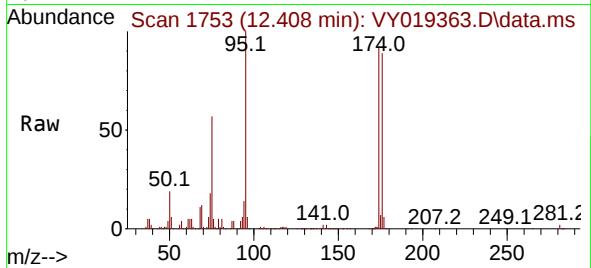




#76
1,2,3-Trichloropropane
Concen: 55.300 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 56839
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.573 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

Tgt Ion: 75 Resp: 56839
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

