

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019354.D
 Acq On : 29 Aug 2024 03:27
 Operator : SY/MD
 Sample : P3737-01
 Misc : 4.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 04:52:24 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)

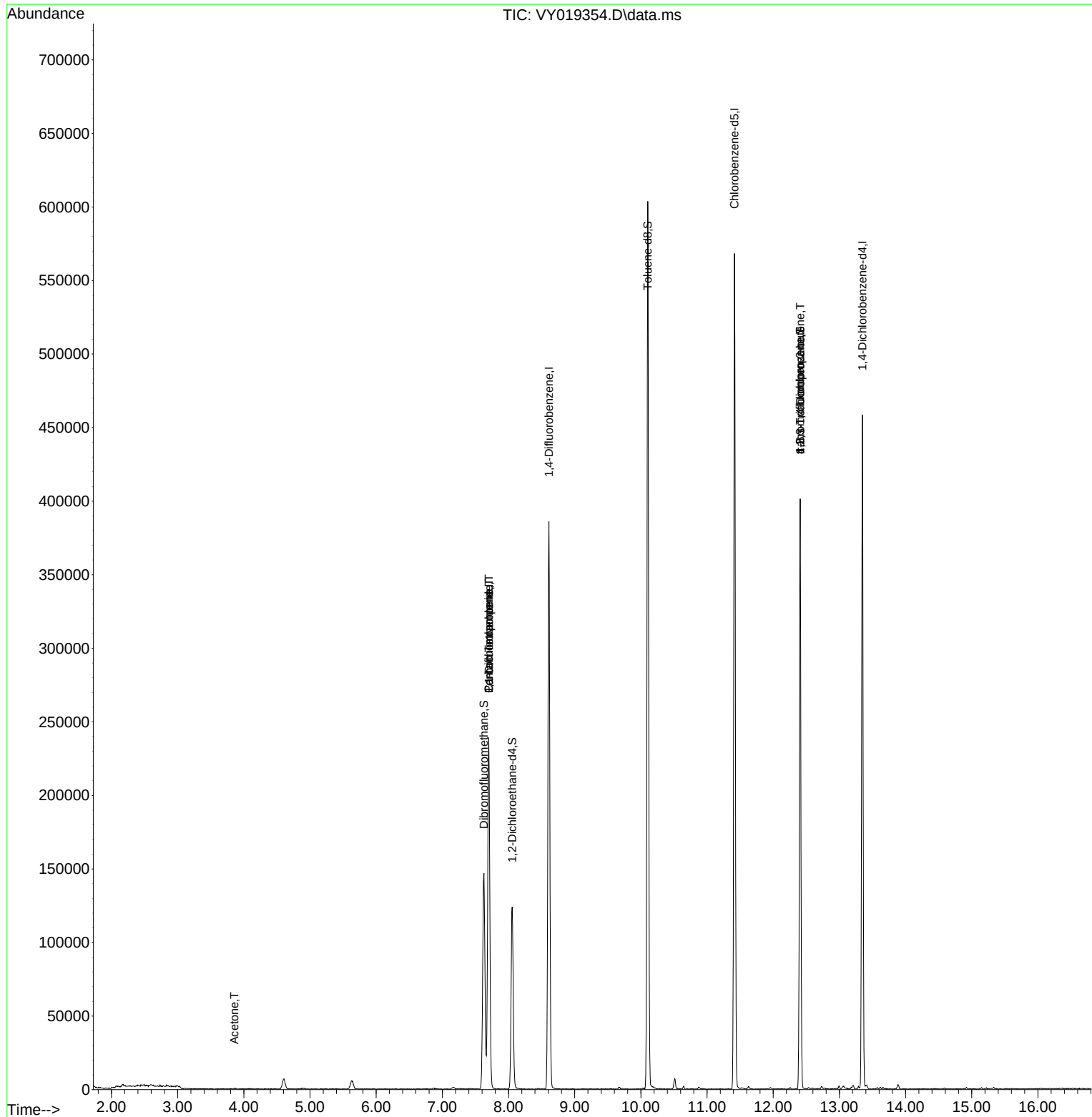
Internal Standards						
1) Pentafluorobenzene	7.701	168	185052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	329700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	297220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	112719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	99547	53.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.320%	
35) Dibromofluoromethane	7.628	113	102539	47.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.120%	
50) Toluene-d8	10.103	98	375754	48.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.880%	
62) 4-Bromofluorobenzene	12.408	95	112282	42.456	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 84.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.592	94	616	Below Cal		98
6) Chloroethane	2.489	64	23	Below Cal	#	42
16) Acetone	3.854	43	559	1.625 ug/l	#	36
20) Methylene Chloride	4.598	84	5156	Below Cal		94
31) Cyclohexane	7.707	56	3856	Below Cal	#	50
36) 1,1-Dichloropropene	7.701	75	13895	4.694 ug/l	#	48
38) Carbon Tetrachloride	7.701	117	18394	5.362 ug/l	#	17
76) 1,2,3-Trichloropropane	12.408	75	63176	56.833 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.408	75	63176	140.358 ug/l	#	16

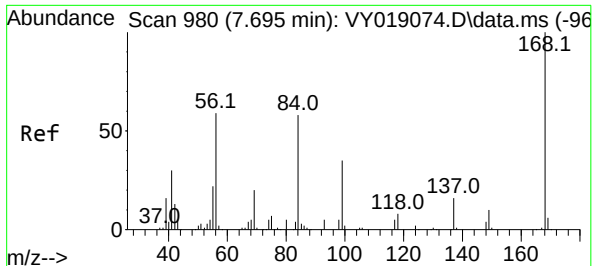
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 29 04:52:24 2024
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

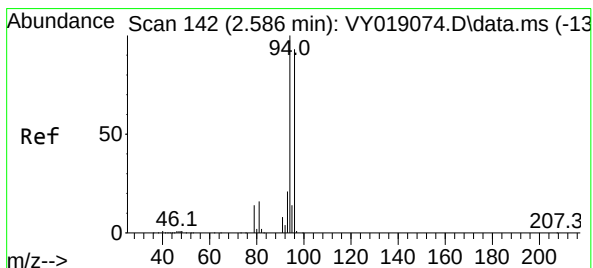
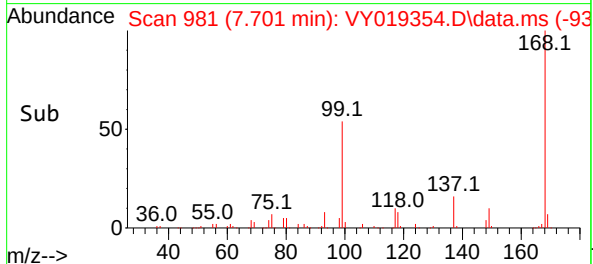
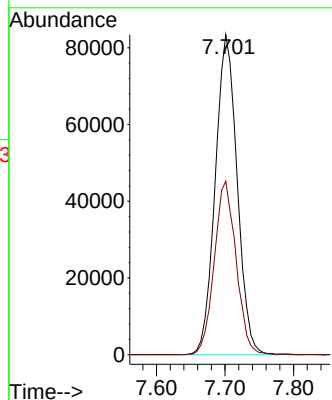
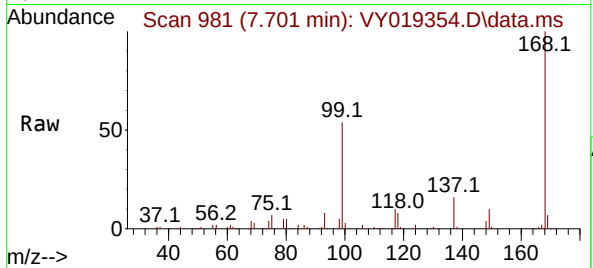




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

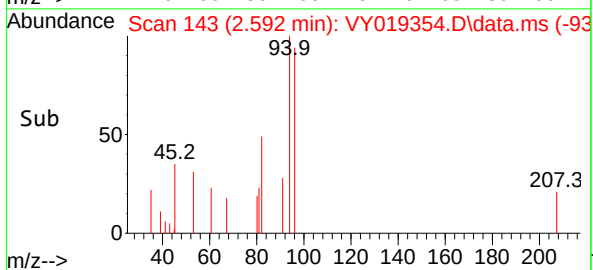
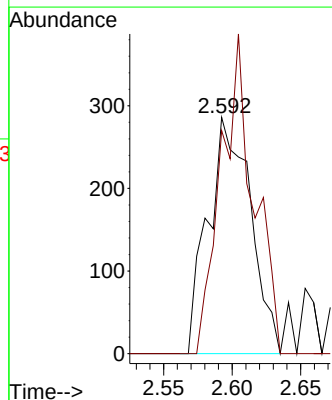
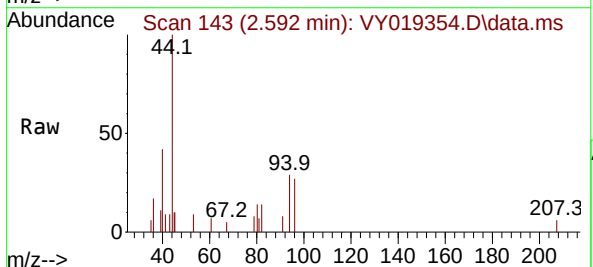
Instrument :
MSVOA_Y
ClientSampleId :

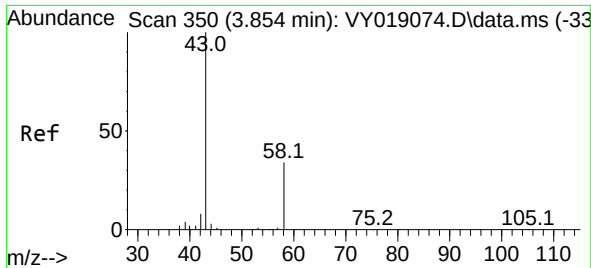
Tgt Ion:168 Resp: 185052
Ion Ratio Lower Upper
168 100
99 54.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion: 94 Resp: 616
Ion Ratio Lower Upper
94 100
96 94.4 74.1 111.1

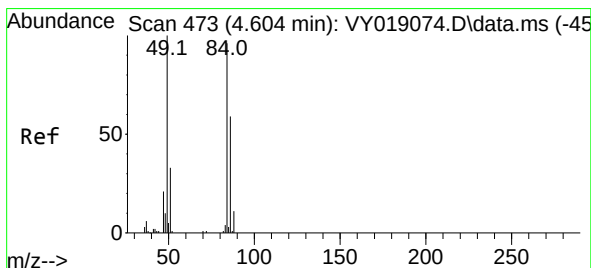
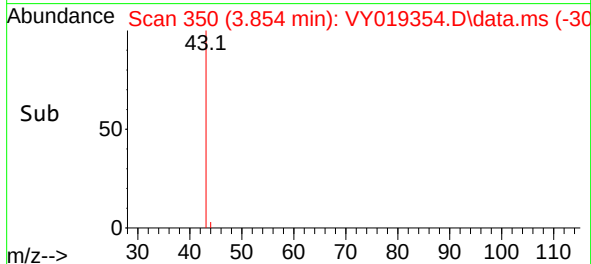
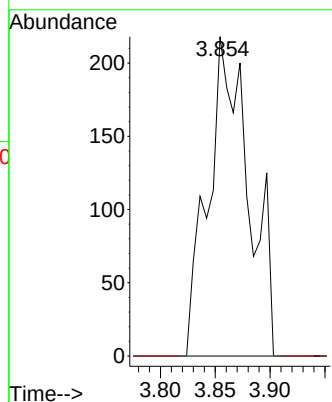
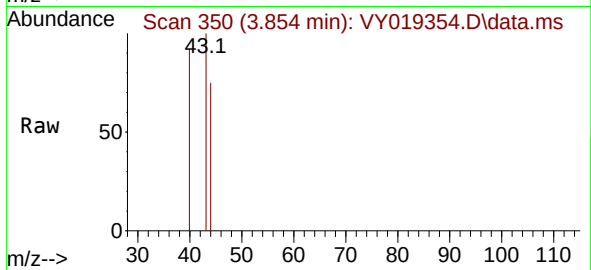




#16
Acetone
Concen: 1.625 ug/l
RT: 3.854 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

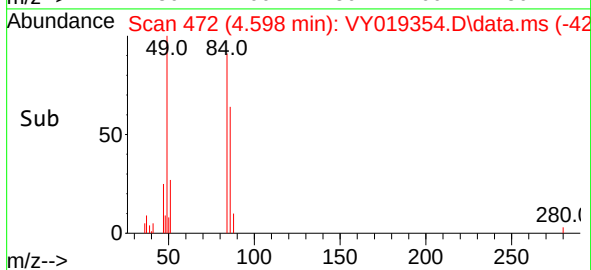
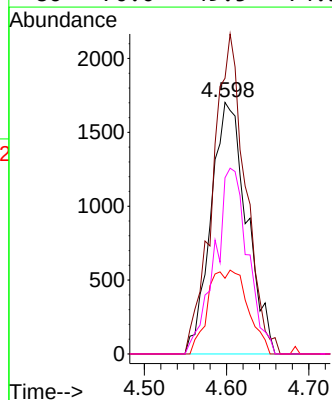
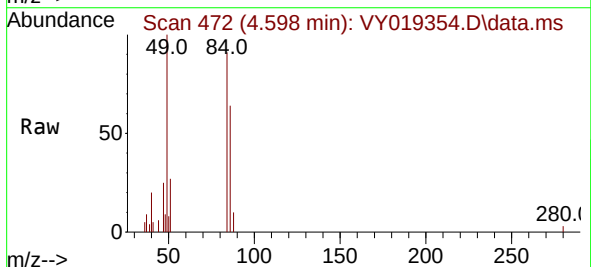
Instrument :
MSVOA_Y
ClientSampleId :

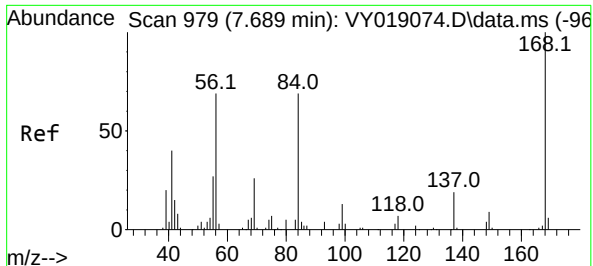
Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion: 84 Resp: 5156
Ion Ratio Lower Upper
84 100
49 109.6 84.4 126.6
51 30.1 26.0 39.0
86 70.0 49.5 74.3

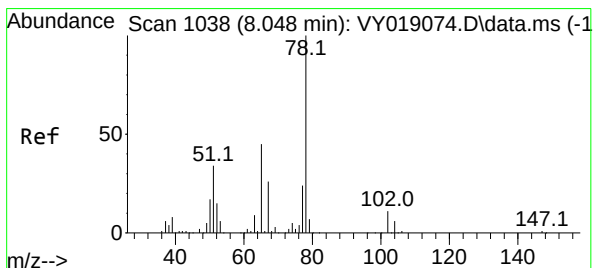
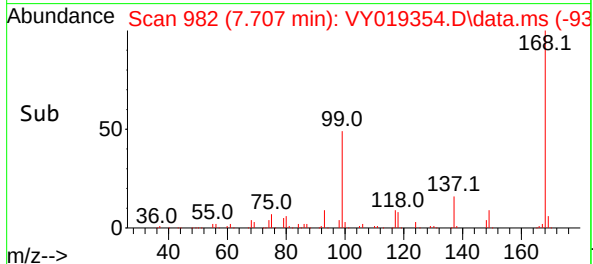
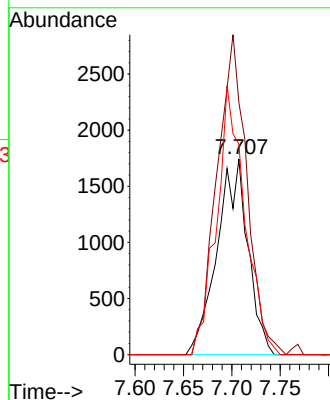
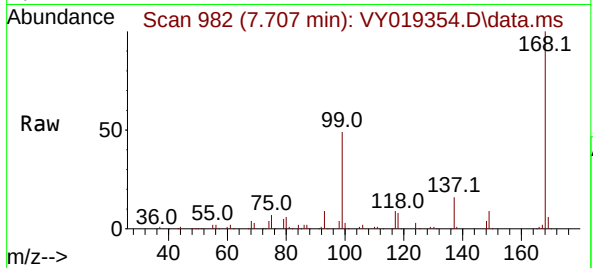




#31
Cyclohexane
Concen: Below Cal
RT: 7.707 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

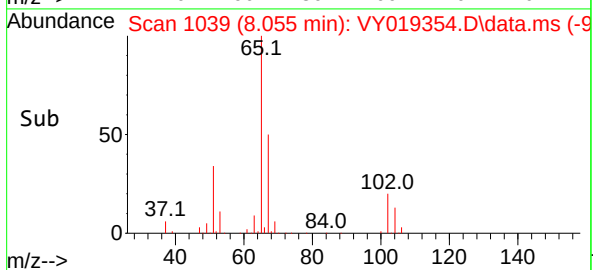
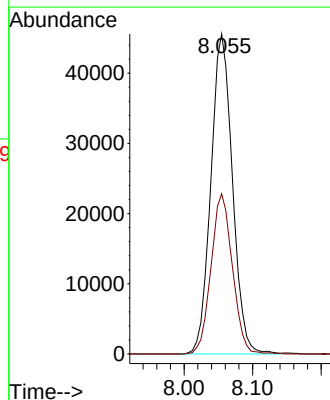
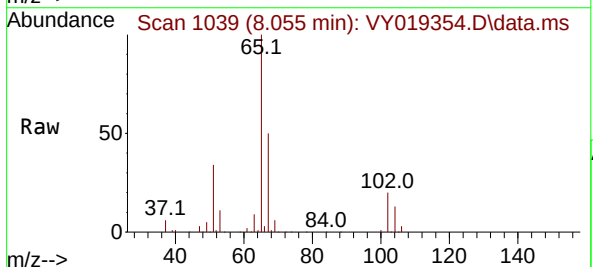
Instrument :
MSVOA_Y
ClientSampleId :

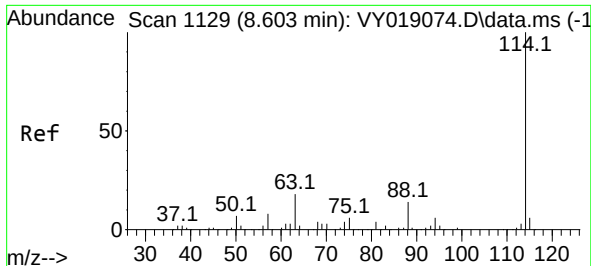
Tgt Ion: 56 Resp: 3856
Ion Ratio Lower Upper
56 100
69 128.5 28.7 43.1#
84 107.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 53.664 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion: 65 Resp: 99547
Ion Ratio Lower Upper
65 100
67 49.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019354.D

Acq: 29 Aug 2024 03:27

Instrument :

MSVOA_Y

ClientSampleId :

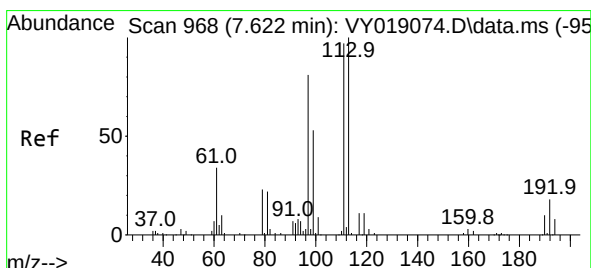
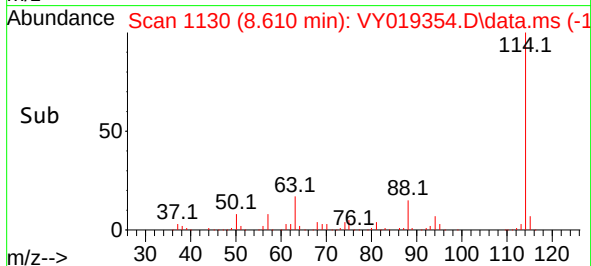
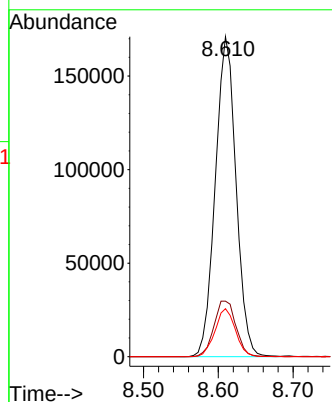
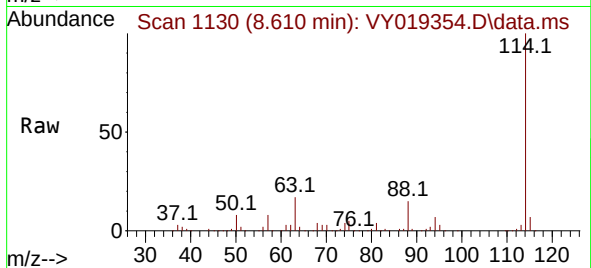
Tgt Ion:114 Resp: 329700

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.565 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019354.D

Acq: 29 Aug 2024 03:27

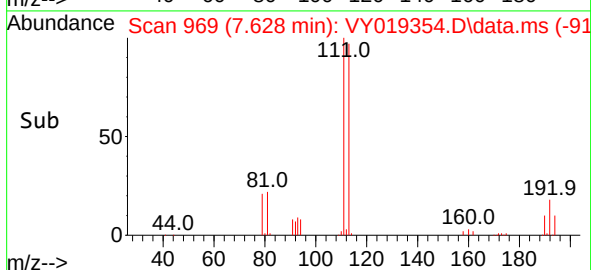
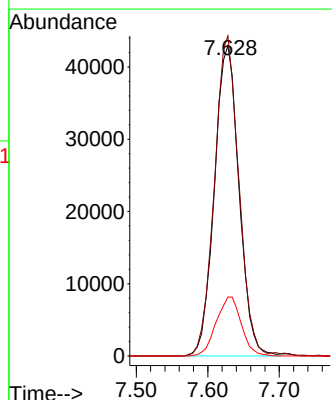
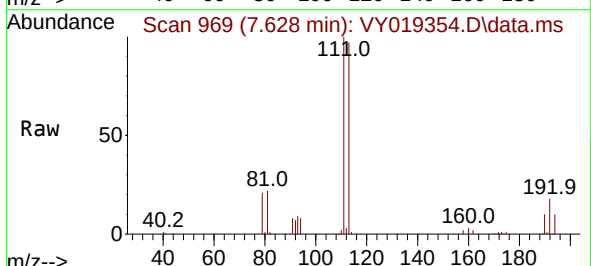
Tgt Ion:113 Resp: 102539

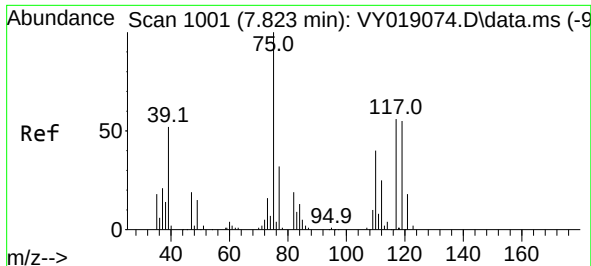
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

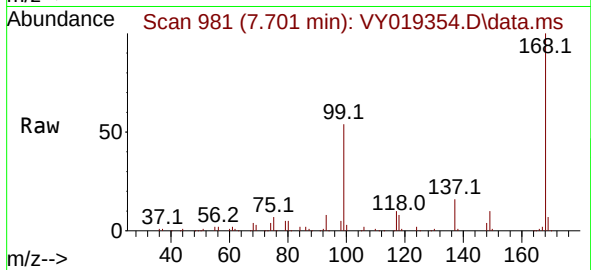
192 19.3 15.9 23.9



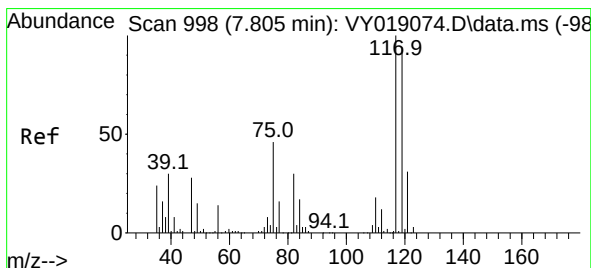
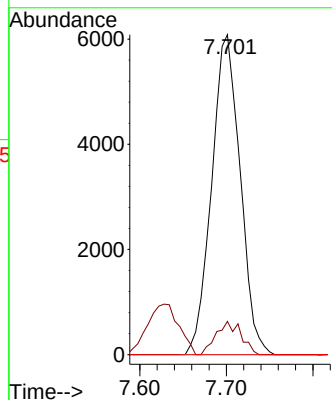
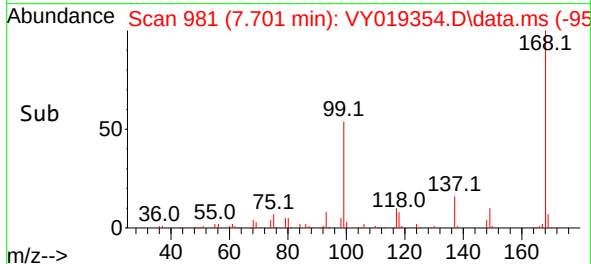


#36
1,1-Dichloropropene
Concen: 4.694 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Instrument :
MSVOA_Y
ClientSampleId :

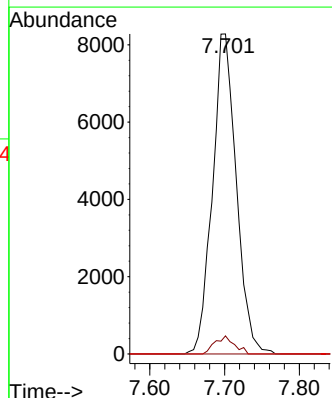
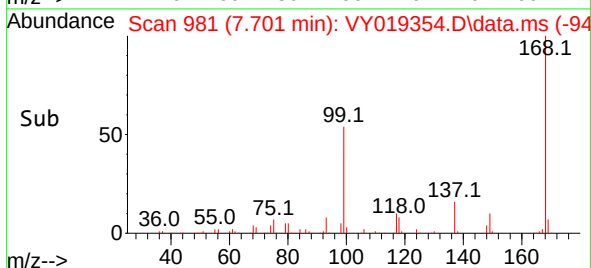
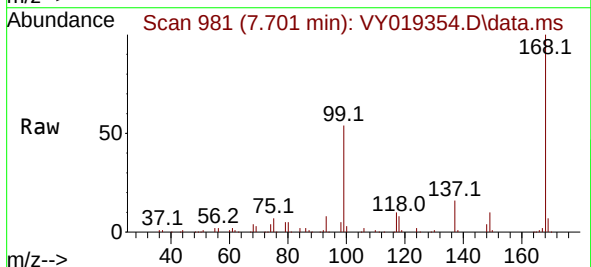


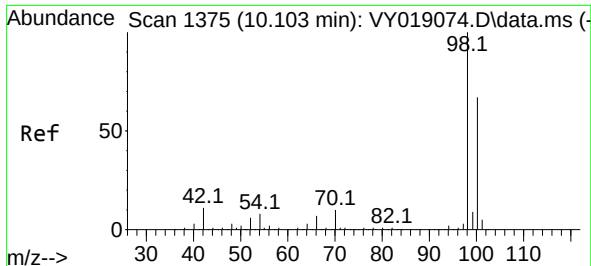
Tgt Ion: 75 Resp: 13895
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion: 117 Resp: 18394
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#

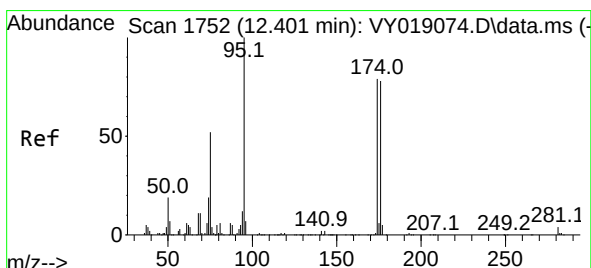
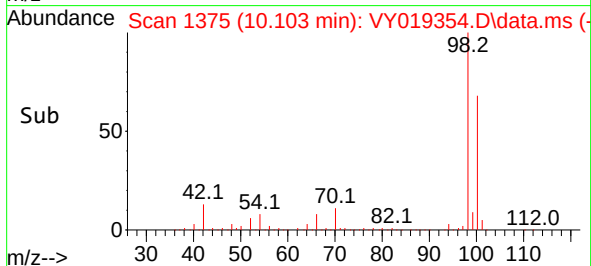
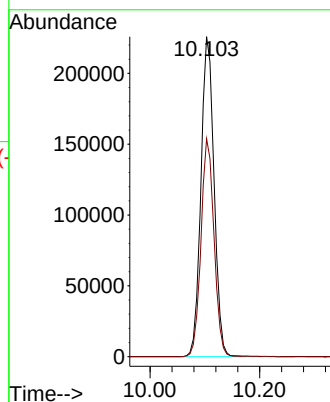
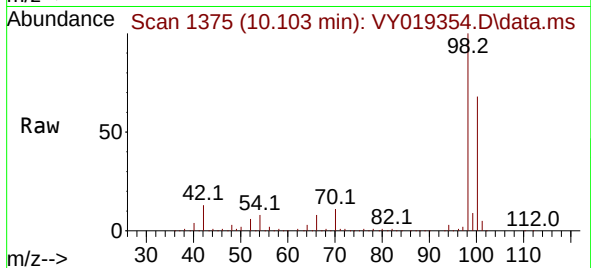




#50
Toluene-d8
Concen: 48.435 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

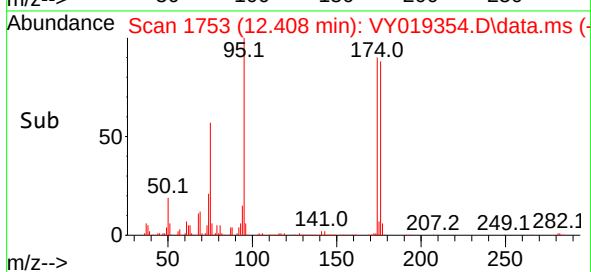
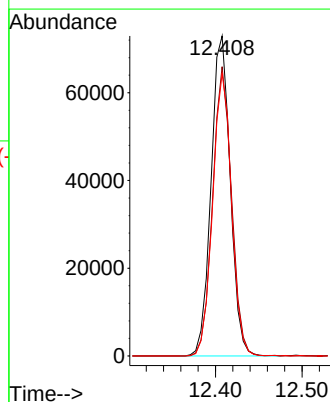
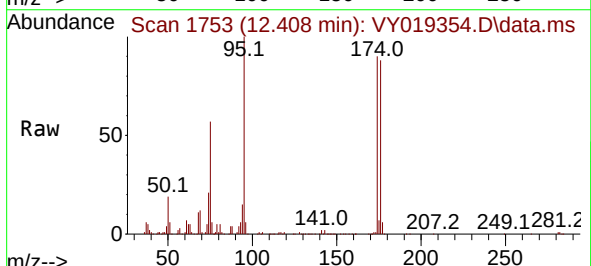
Instrument :
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ClientSampleId :

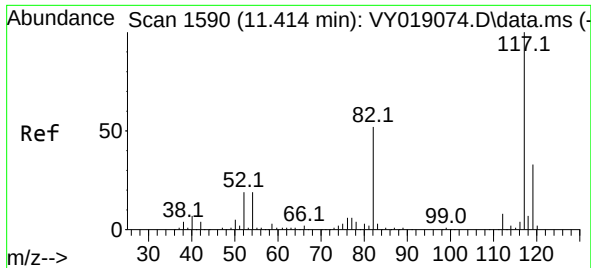
Tgt Ion: 98 Resp: 375754
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.456 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion: 95 Resp: 112282
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 86.9 0.0 171.4

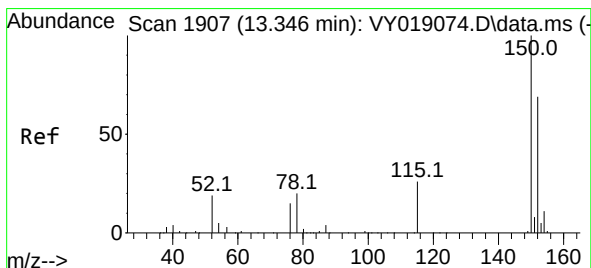
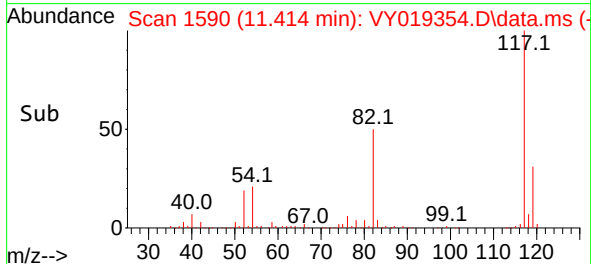
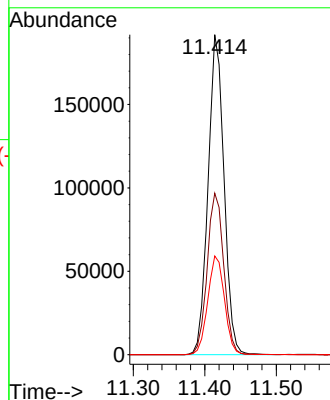
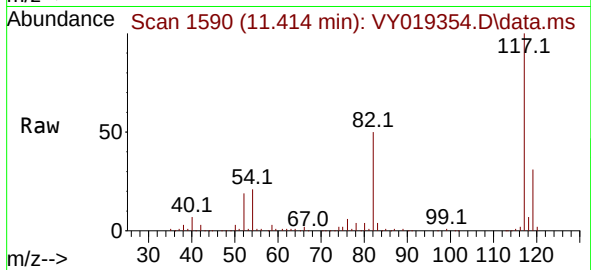




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

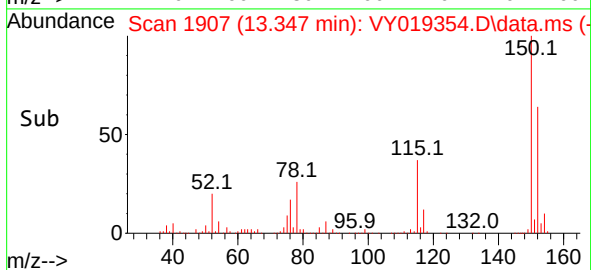
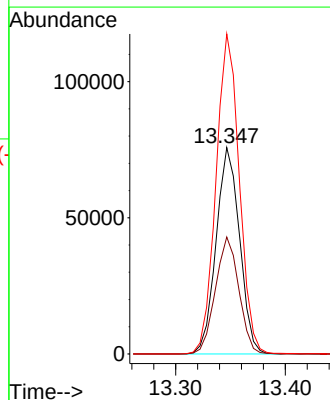
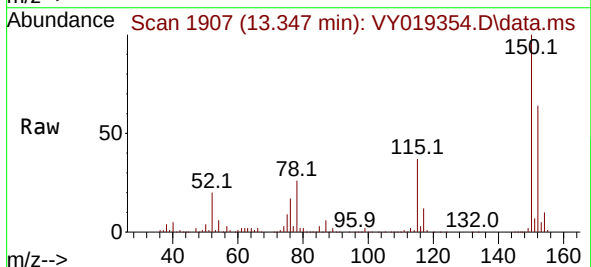
Instrument :
MSVOA_Y
ClientSampleId :

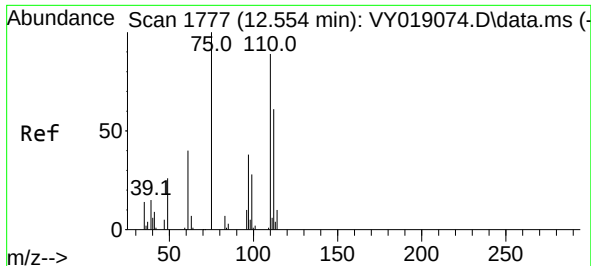
Tgt Ion:117 Resp: 297220
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion:152 Resp: 112719
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 154.3 0.0 345.6

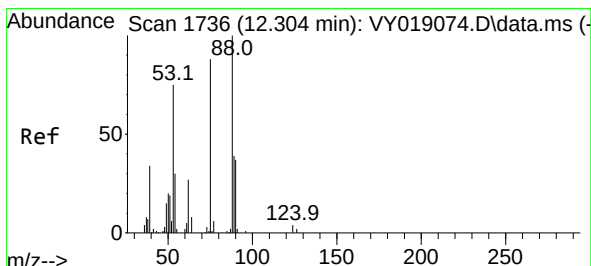
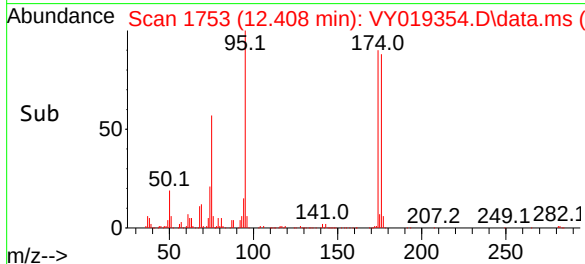
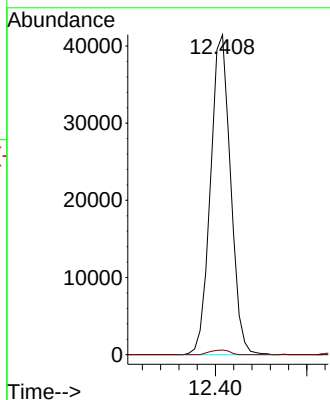
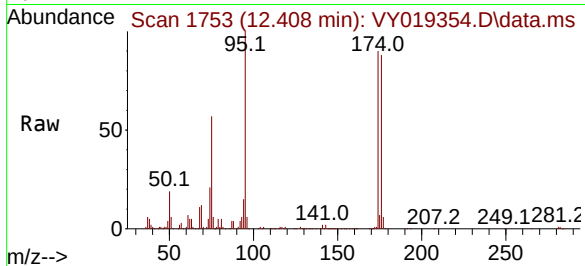




#76
1,2,3-Trichloropropane
Concen: 56.833 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63176
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.358 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion: 75 Resp: 63176
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

