

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016905.D
 Acq On : 03 Jan 2024 10:51
 Operator : SY/MD
 Sample : VY0103SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

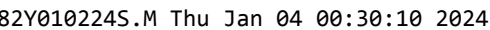
Quant Time: Jan 04 00:29:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

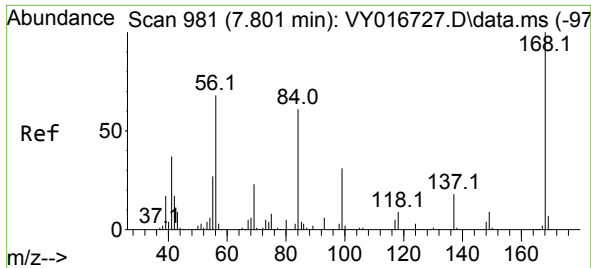
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	117016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	250283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	239685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	89596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62019	53.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.240%	
35) Dibromofluoromethane	7.734	113	63390	39.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.500%	
50) Toluene-d8	10.197	98	230334	41.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.880%	
62) 4-Bromofluorobenzene	12.495	95	73211	39.511	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	529	Below Cal	#	75
16) Acetone	3.979	43	918	Below Cal	#	69
20) Methylene Chloride	4.747	84	19048	6.403	ug/l	98
25) 2-Butanone	7.015	43	256	Below Cal	#	48
31) Cyclohexane	7.813	56	2604	1.312	ug/l	# 1
36) 1,1-Dichloropropene	7.813	75	10123	4.355	ug/l	# 49
38) Carbon Tetrachloride	7.807	117	12160	5.149	ug/l	# 17
76) 1,2,3-Trichloropropane	12.495	75	38446	39.542	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.495	75	38446	89.790	ug/l	# 13

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

Quant Time: Jan 04 00:29:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

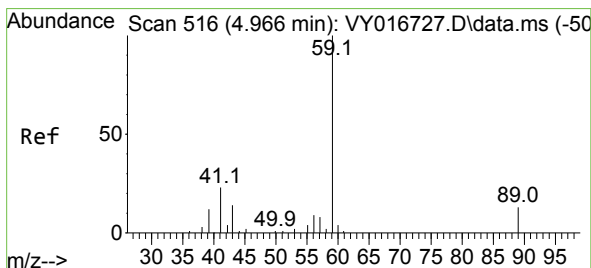
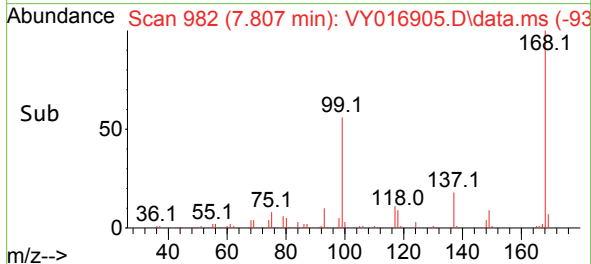
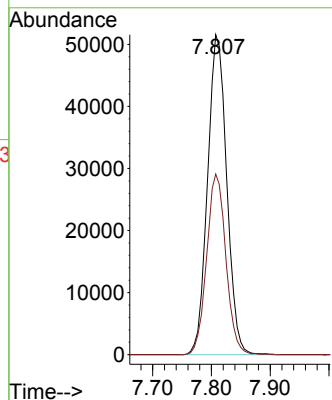
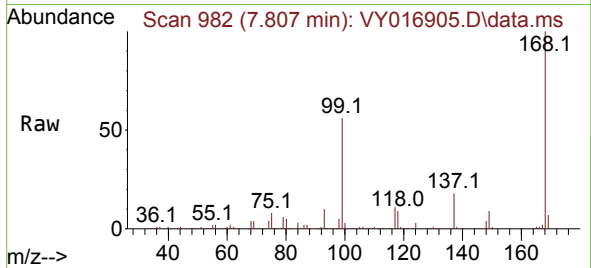




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

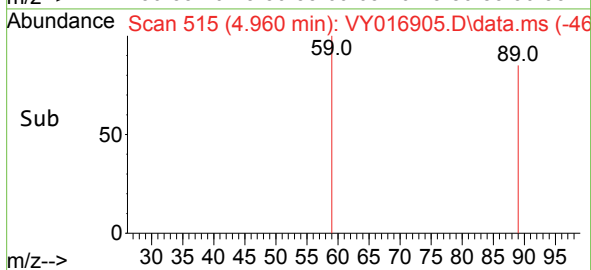
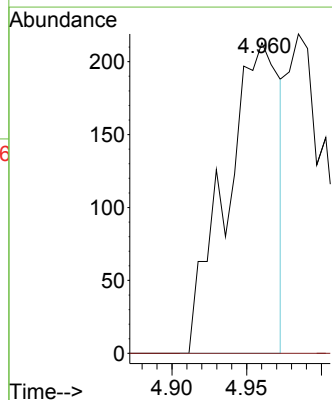
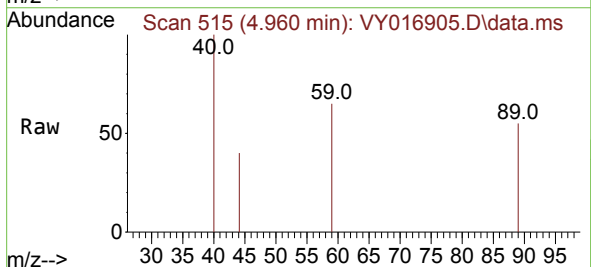
Instrument :
MSVOA_Y
ClientSampleId :

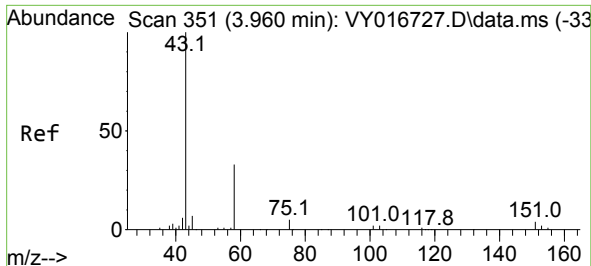
Tgt Ion:168 Resp: 117016
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

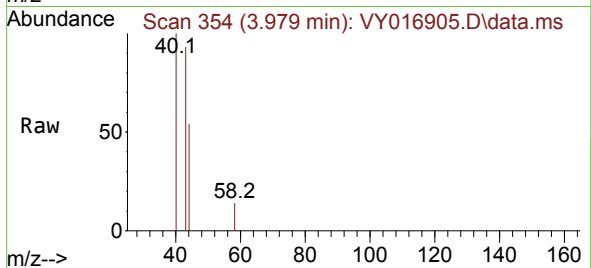
Tgt Ion: 59 Resp: 529
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



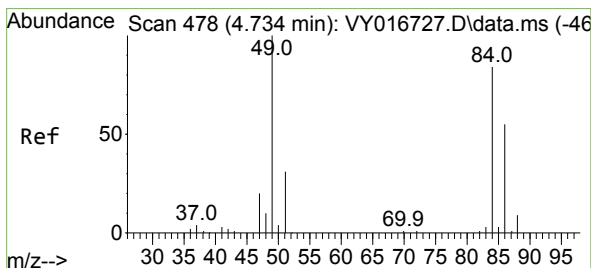
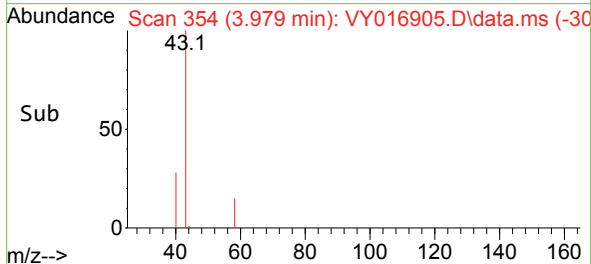
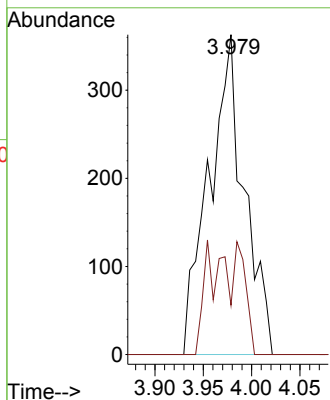


#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 311
Delta R.T. 0.019 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

Instrument :
MSVOA_Y
ClientSampleId :

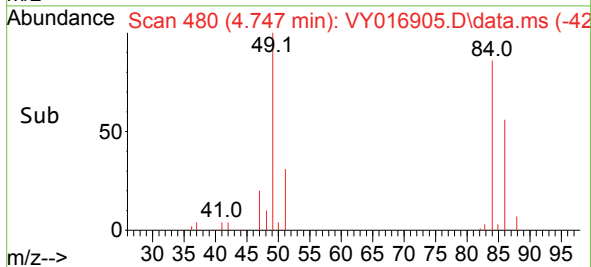
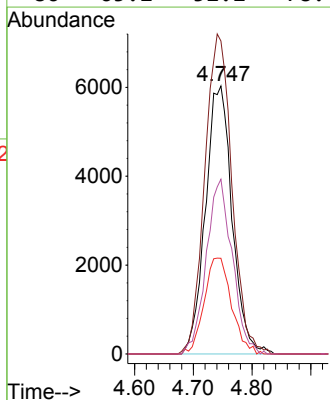
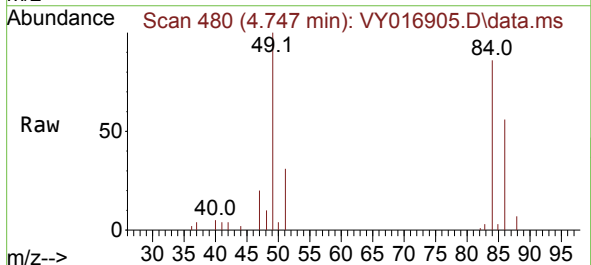


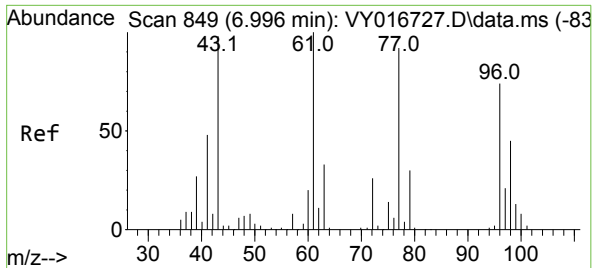
Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
58 15.4 26.6 39.8#



#20
Methylene Chloride
Concen: 6.403 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

Tgt Ion: 84 Resp: 19048
Ion Ratio Lower Upper
84 100
49 116.8 95.2 142.8
51 35.7 29.9 44.9
86 65.2 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.015 min Scan# 849

Delta R.T. 0.019 min

Lab File: VY016905.D

Acq: 03 Jan 2024 10:51

Instrument :

MSVOA_Y

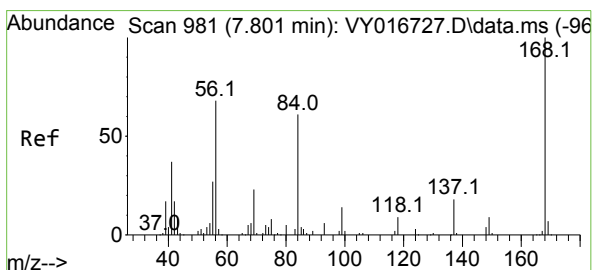
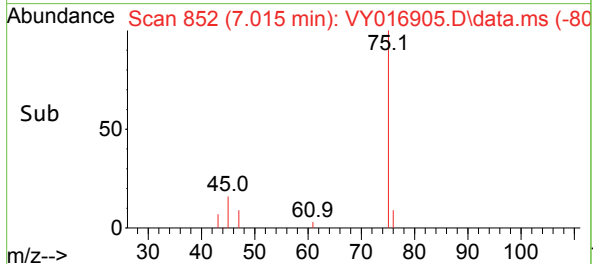
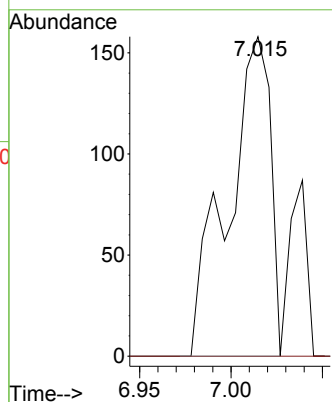
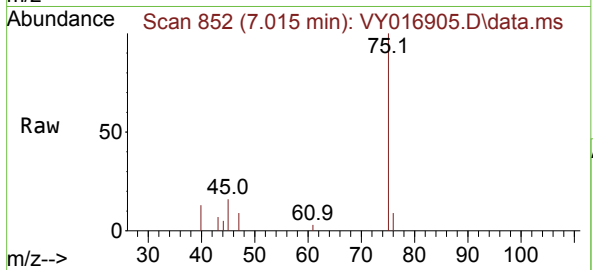
ClientSampleId :

Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.312 ug/l

RT: 7.813 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY016905.D

Acq: 03 Jan 2024 10:51

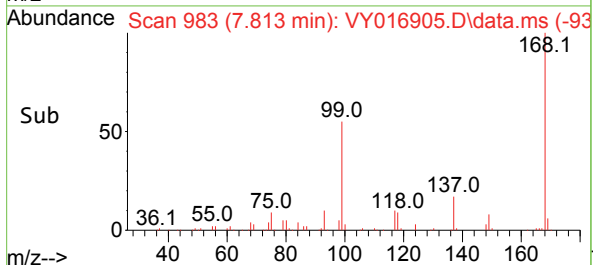
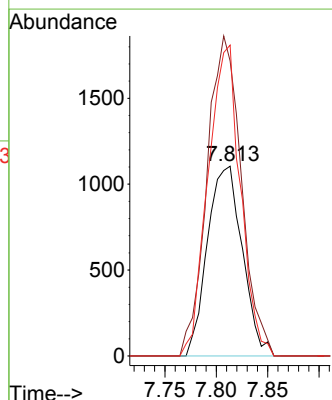
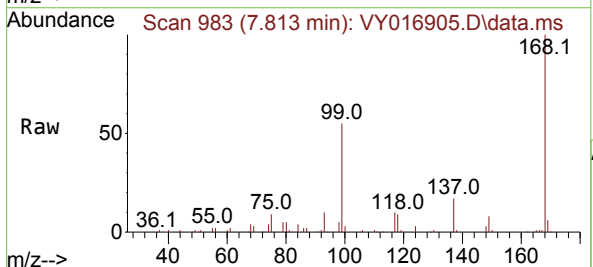
Tgt Ion: 56 Resp: 2604

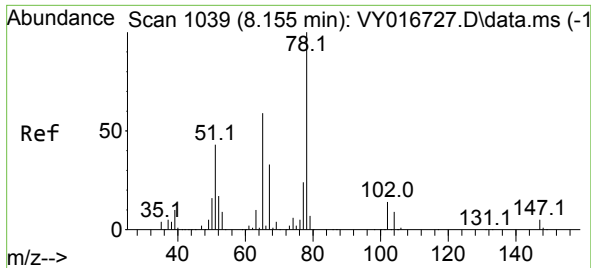
Ion Ratio Lower Upper

56 100

69 155.5 27.0 40.6#

84 163.8 71.8 107.6#

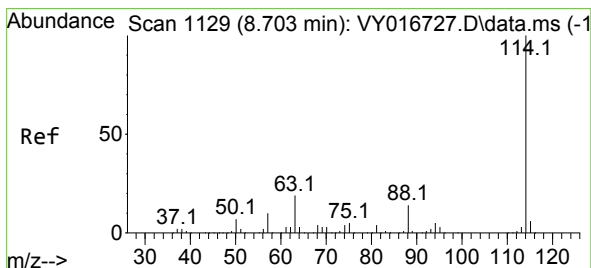
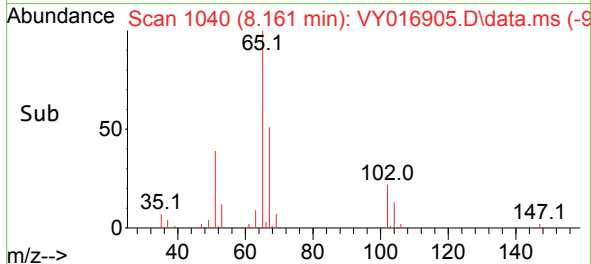
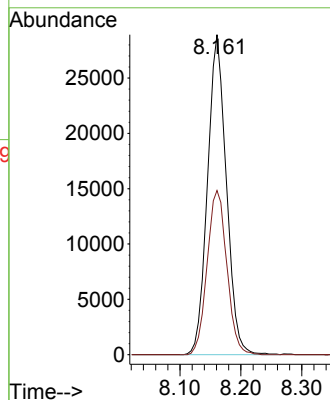
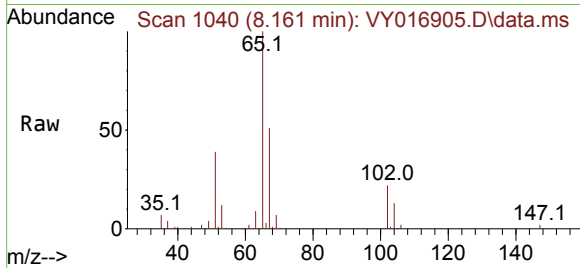




#33
 1,2-Dichloroethane-d4
 Concen: 53.625 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY016905.D
 Acq: 03 Jan 2024 10:51

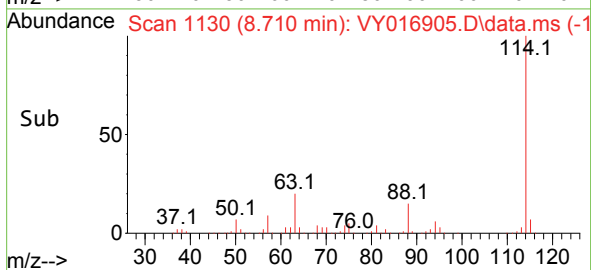
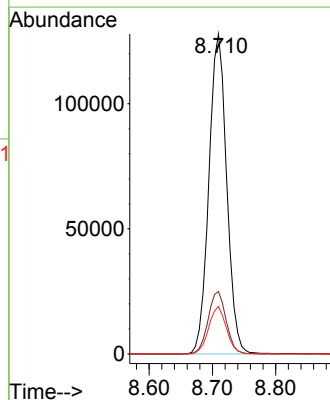
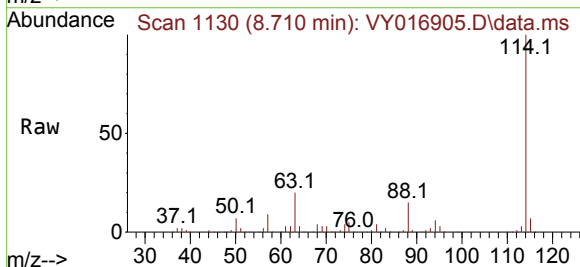
Instrument :
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 ClientSampleId :

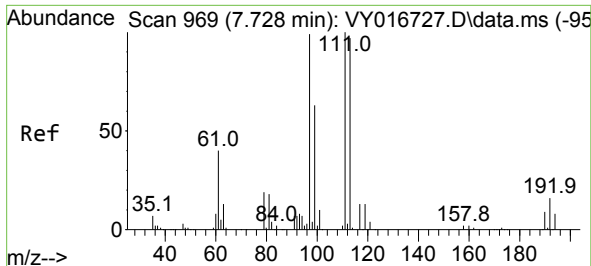
Tgt Ion: 65 Resp: 62019
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.007 min
 Lab File: VY016905.D
 Acq: 03 Jan 2024 10:51

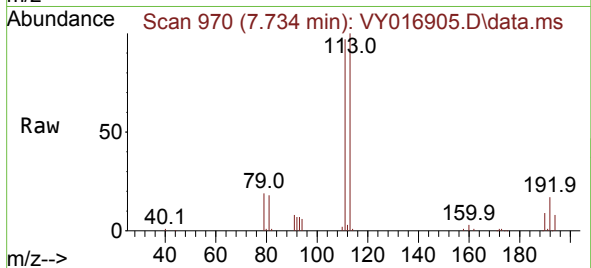
Tgt Ion: 114 Resp: 250283
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.4
 88 14.8 0.0 29.0



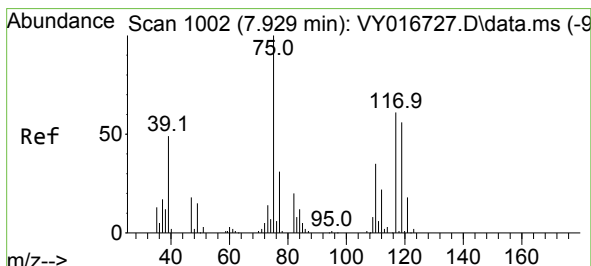
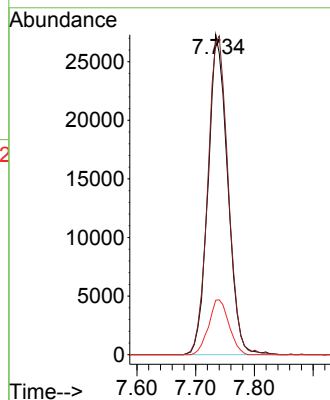
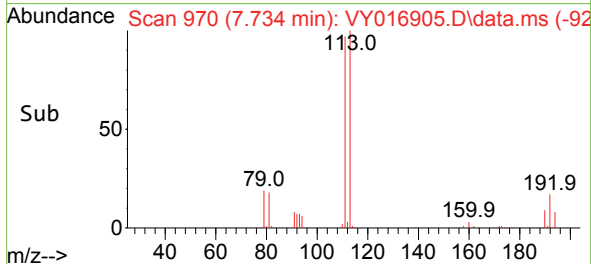


#35
Dibromofluoromethane
Concen: 39.746 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

Instrument :
MSVOA_Y
ClientSampleId :

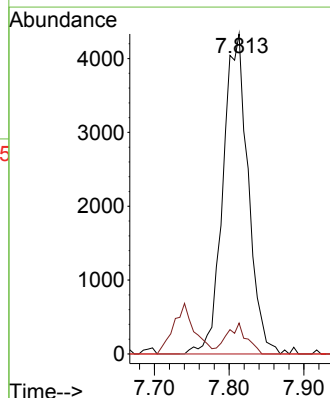
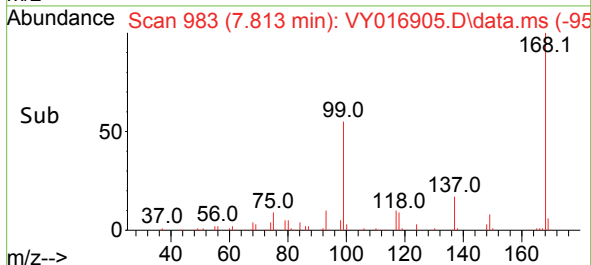
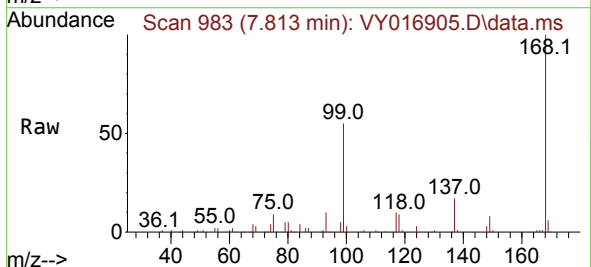


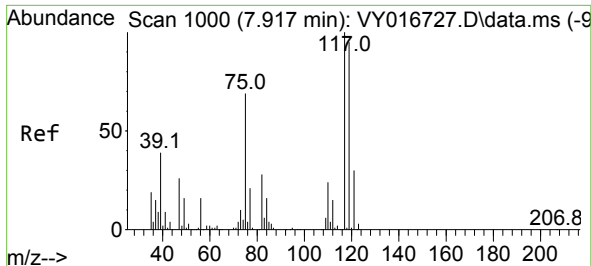
Tgt Ion:113 Resp: 63390
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.355 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

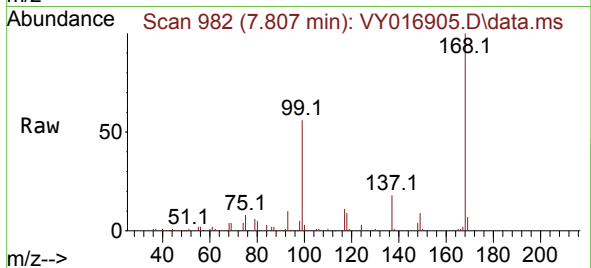
Tgt Ion: 75 Resp: 10123
Ion Ratio Lower Upper
75 100
110 7.7 17.4 52.3#
77 0.0 24.7 37.1#



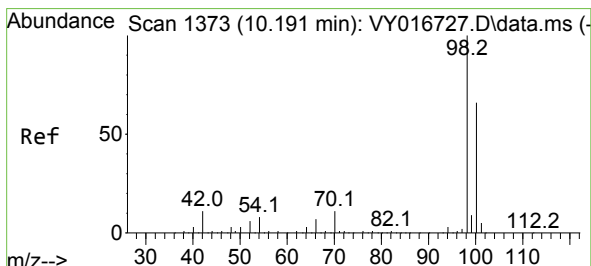
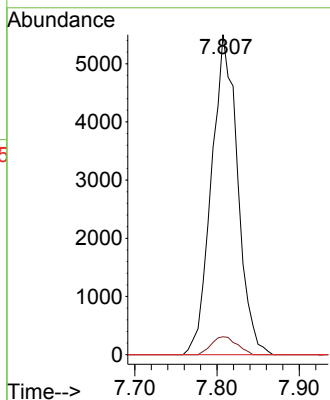
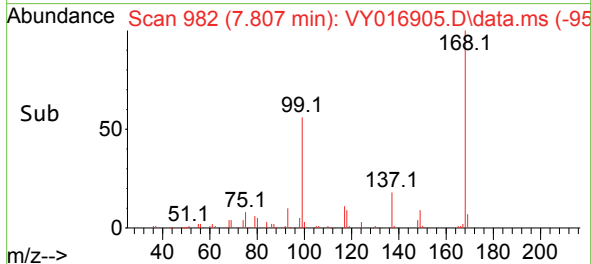


#38
Carbon Tetrachloride
Concen: 5.149 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

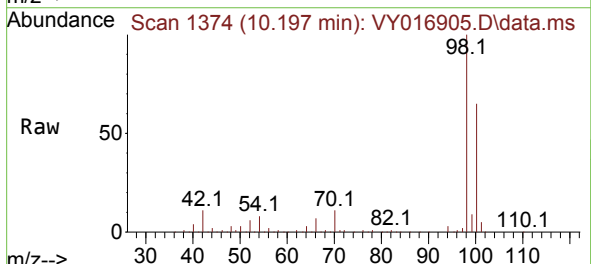
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MSVOA_Y
ClientSampleId :



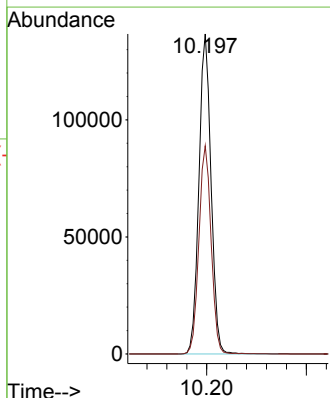
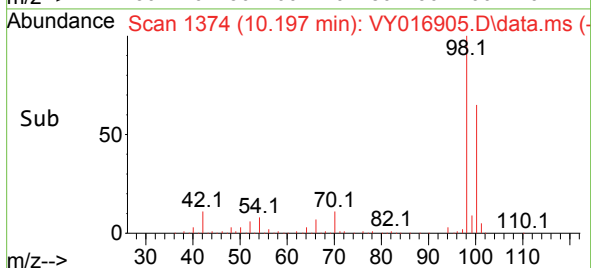
Tgt Ion:117 Resp: 12160
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.2 36.2#

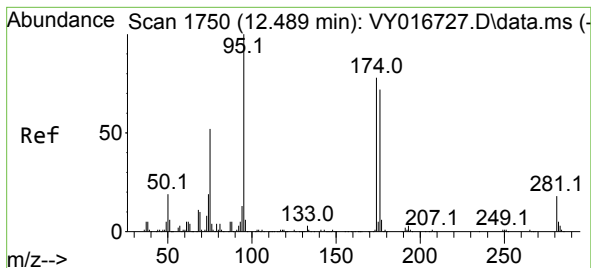


#50
Toluene-d8
Concen: 41.940 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51



Tgt Ion: 98 Resp: 230334
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

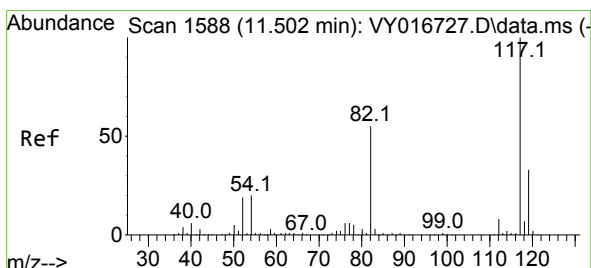
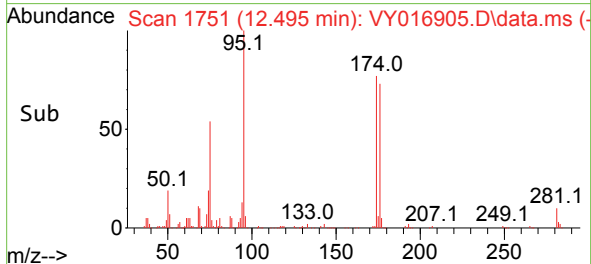
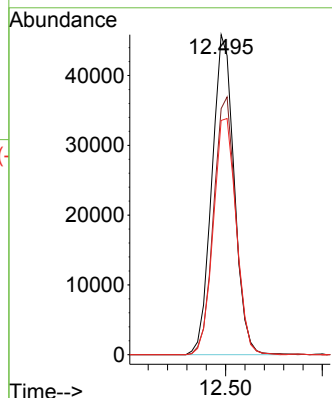
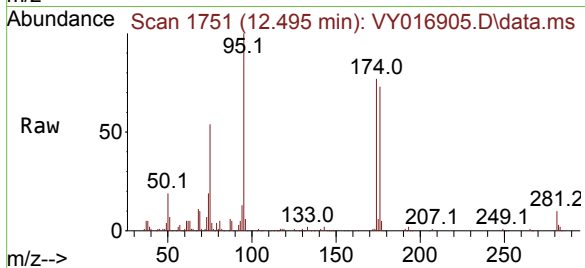




#62
4-Bromofluorobenzene
Concen: 39.511 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

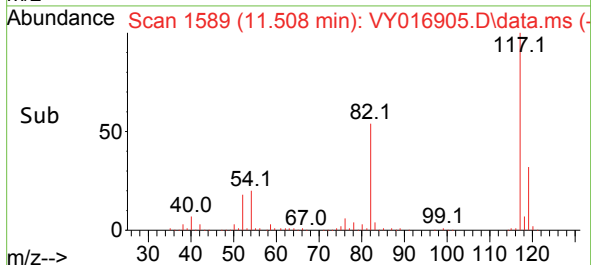
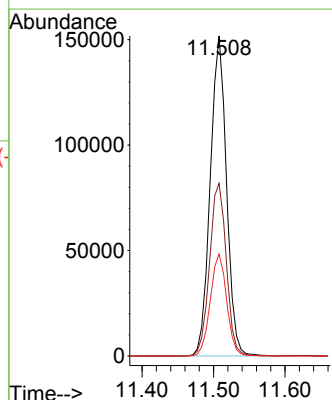
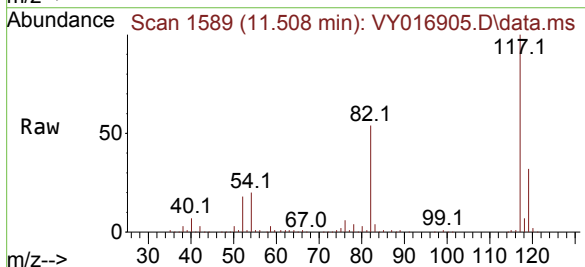
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MSVOA_Y
ClientSampleId :

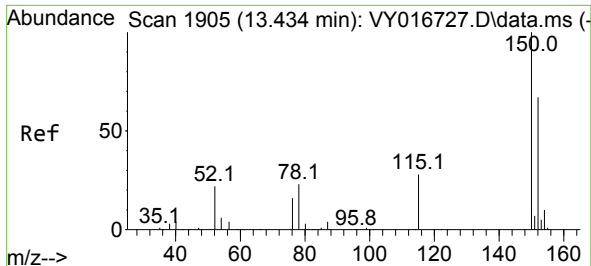
Tgt Ion: 95 Resp: 73211
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.0
176 76.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

Tgt Ion: 117 Resp: 239685
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.8
119 31.9 26.5 39.7

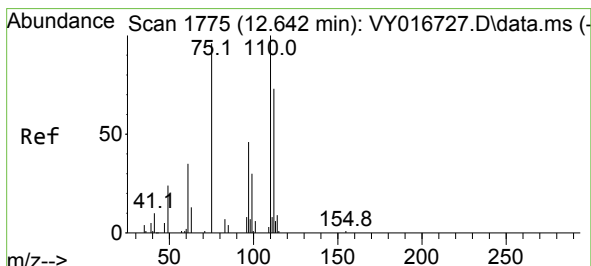
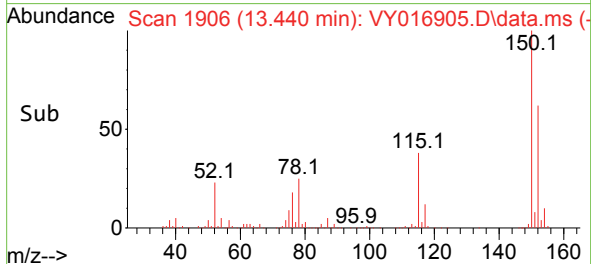
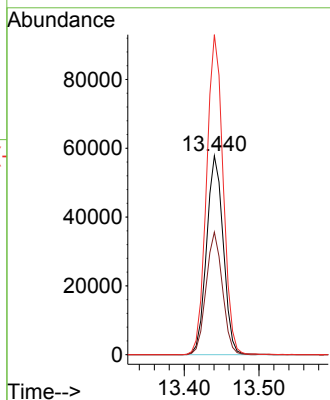
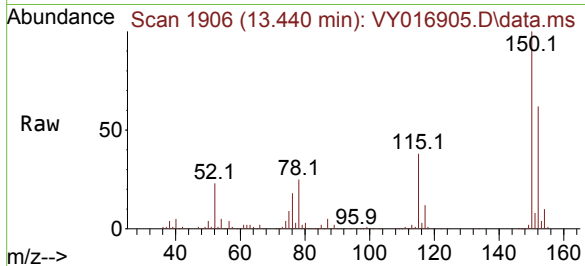




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016905.D
 Acq: 03 Jan 2024 10:51

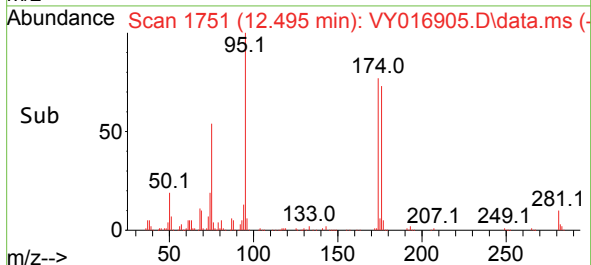
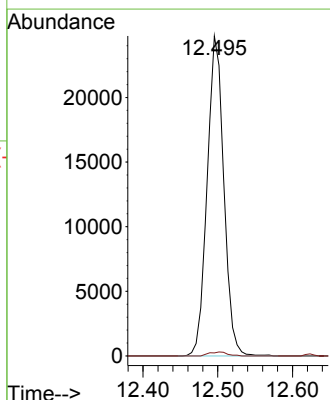
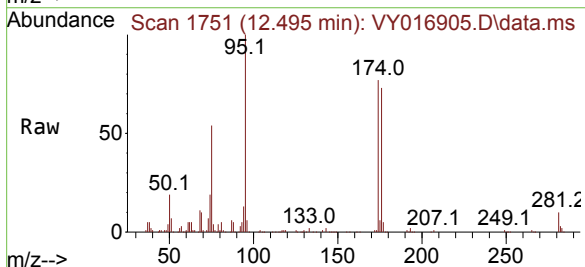
Instrument :
 MSVOA_Y
 ClientSampleId :

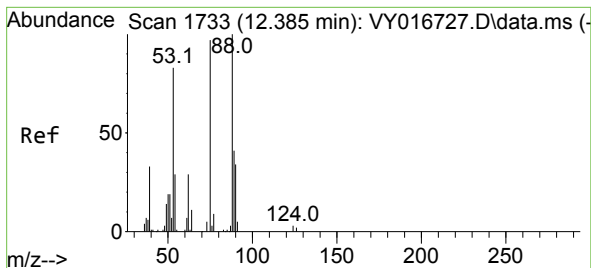
Tgt Ion:152 Resp: 89596
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.0 90.0
 150 159.7 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 39.542 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.147 min
 Lab File: VY016905.D
 Acq: 03 Jan 2024 10:51

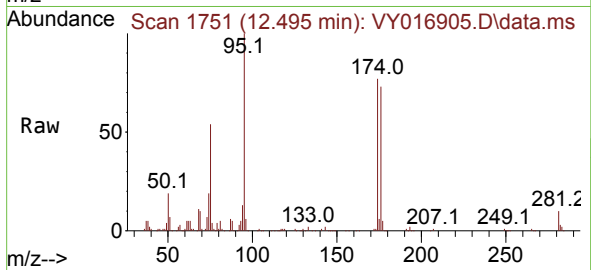
Tgt Ion: 75 Resp: 38446
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.790 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016905.D
 Acq: 03 Jan 2024 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 38446
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.4 36.5 54.7#

