

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016935.D
 Acq On : 08 Jan 2024 14:28
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 06:36:20 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)

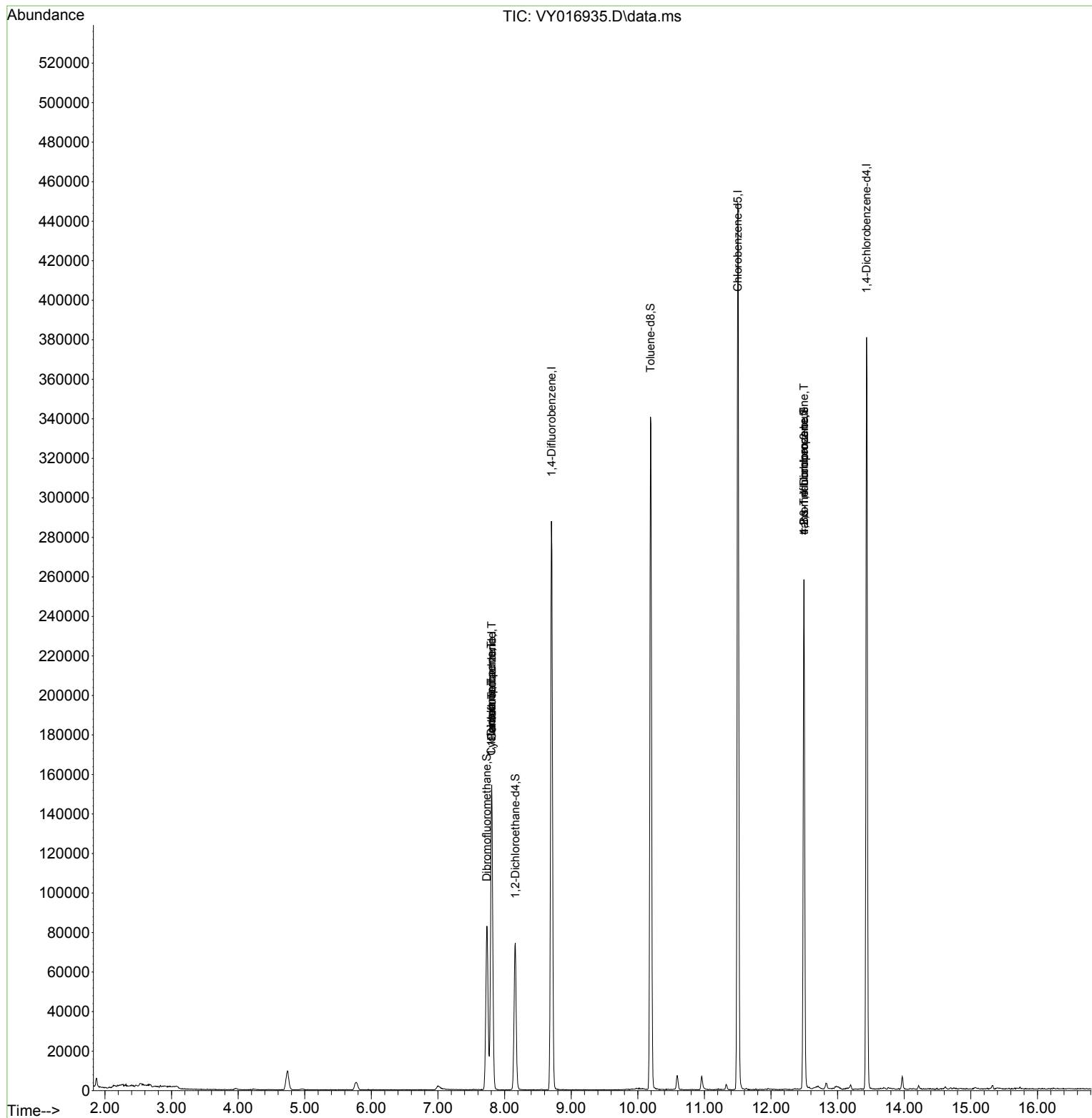
Internal Standards						
1) Pentafluorobenzene	7.807	168	116695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	249524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	242177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57273	49.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.320%
35) Dibromofluoromethane	7.734	113	61138	38.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.900%
50) Toluene-d8	10.191	98	229158	41.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.700%
62) 4-Bromofluorobenzene	12.495	95	75564	40.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	488	Below Cal	#	75
16) Acetone	3.966	43	1280	Below Cal		96
20) Methylene Chloride	4.747	84	7401	Below Cal		97
25) 2-Butanone	6.996	43	38	Below Cal	#	48
31) Cyclohexane	7.801	56	2541	1.284	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10193	4.399	ug/l #	49
38) Carbon Tetrachloride	7.807	117	12050	5.118	ug/l #	15
76) 1,2,3-Trichloropropane	12.495	75	40067	38.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	40067	88.555	ug/l #	12

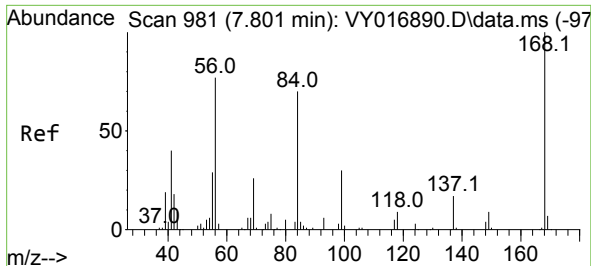
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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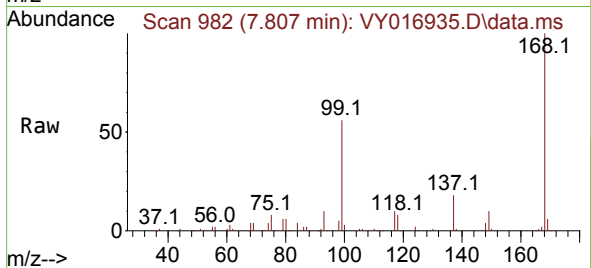
Quant Time: Jan 09 06:36:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
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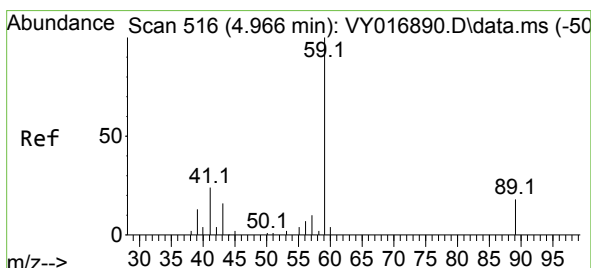
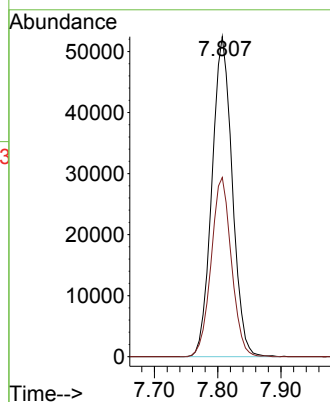
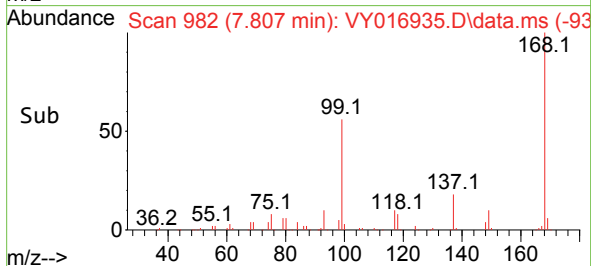


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

Instrument :
MSVOA_Y
ClientSampleId :

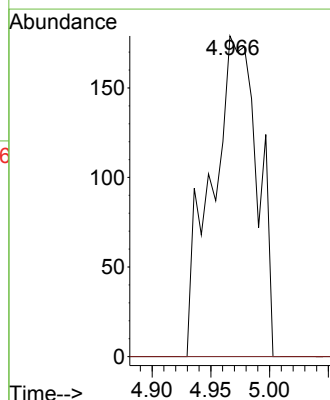
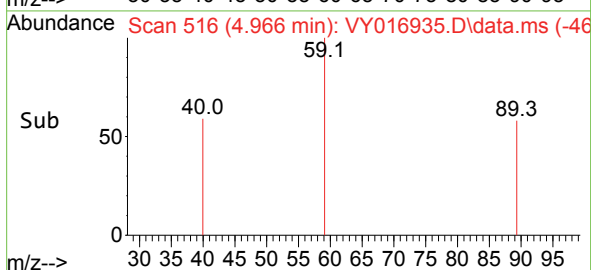
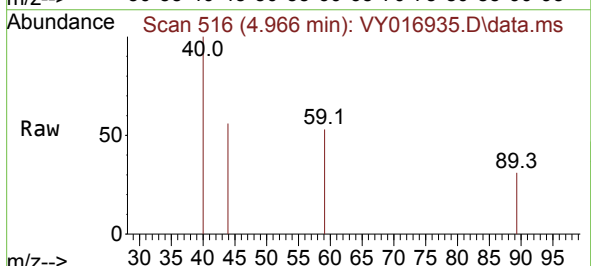


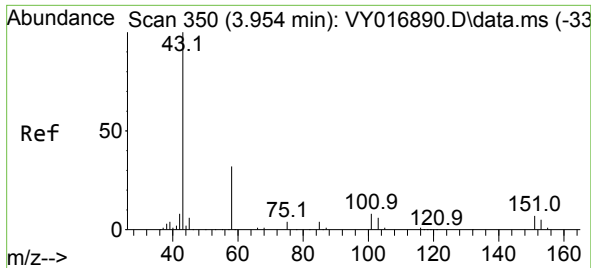
Tgt Ion:168 Resp: 116695
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

Tgt Ion: 59 Resp: 488
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.966 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY016935.D

Acq: 08 Jan 2024 14:28

Instrument :

MSVOA_Y

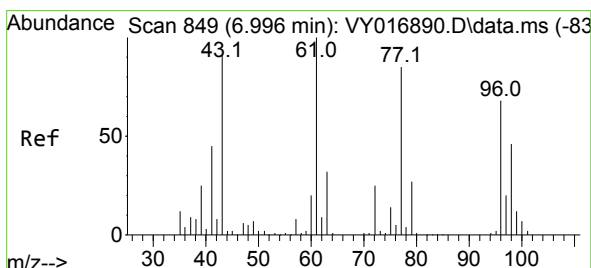
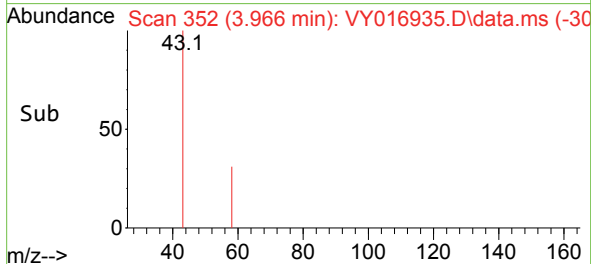
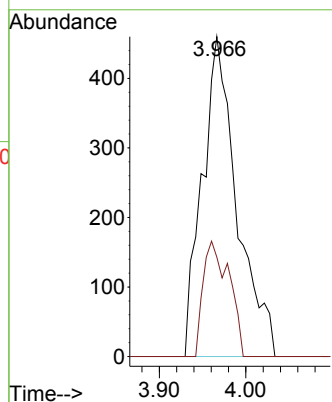
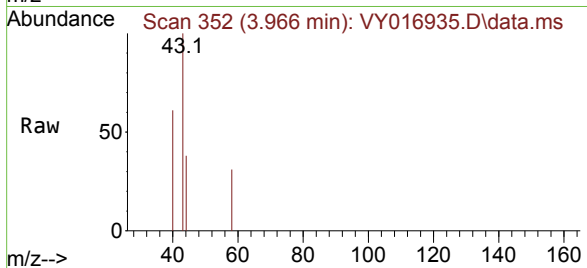
ClientSampleId :

Tgt Ion: 43 Resp: 1280

Ion Ratio Lower Upper

43 100

58 31.1 26.6 39.8



#25

2-Butanone

Concen: Below Cal

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016935.D

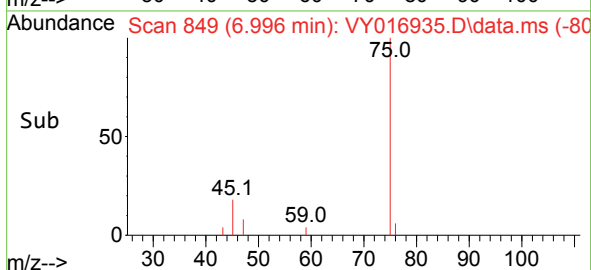
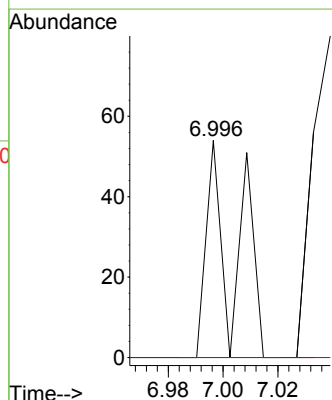
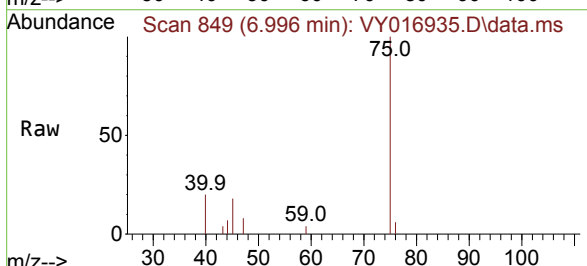
Acq: 08 Jan 2024 14:28

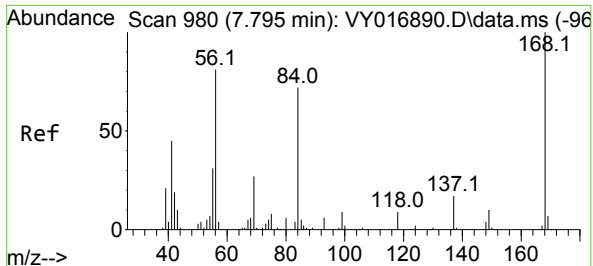
Tgt Ion: 43 Resp: 38

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#

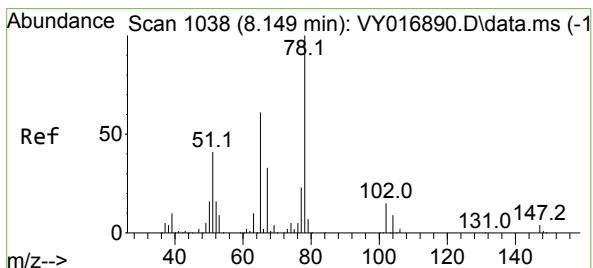
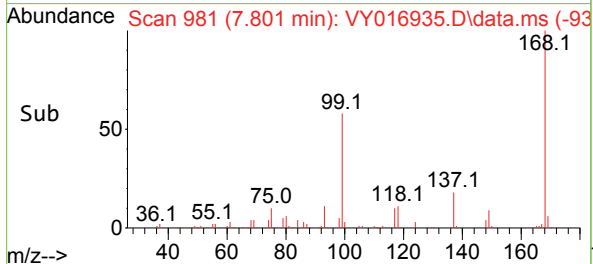
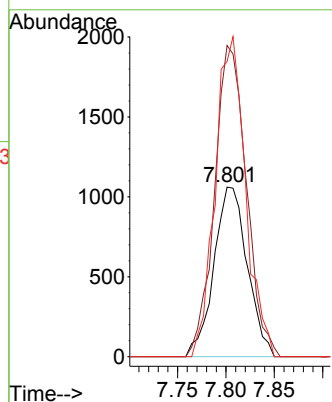
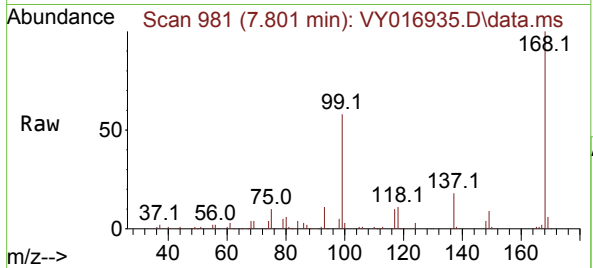




#31
Cyclohexane
Concen: 1.284 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

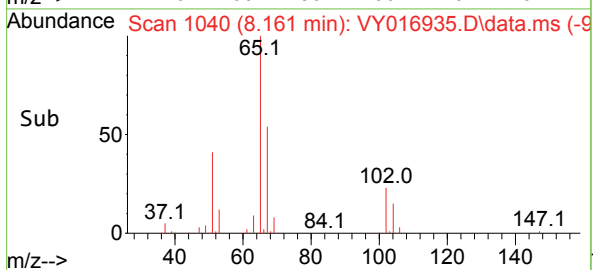
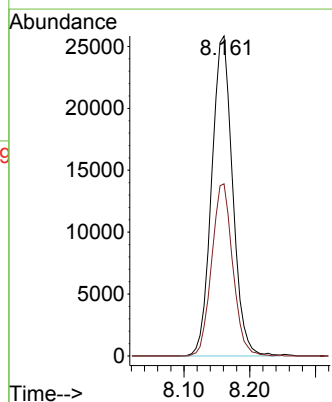
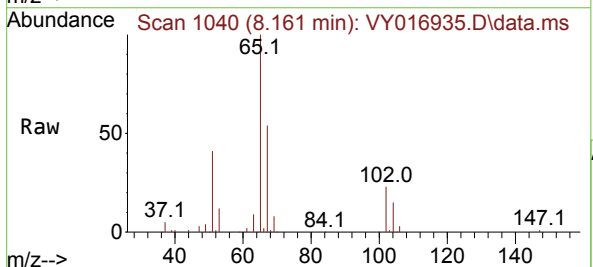
Instrument :
MSVOA_Y
ClientSampleId :

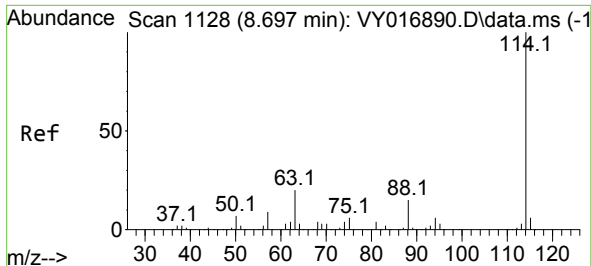
Tgt Ion: 56 Resp: 2541
Ion Ratio Lower Upper
56 100
69 183.5 27.0 40.6#
84 174.1 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 49.657 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

Tgt Ion: 65 Resp: 57273
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016935.D

Acq: 08 Jan 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

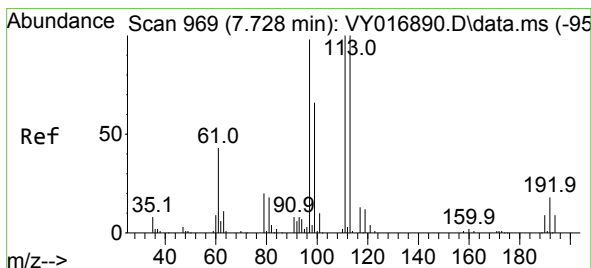
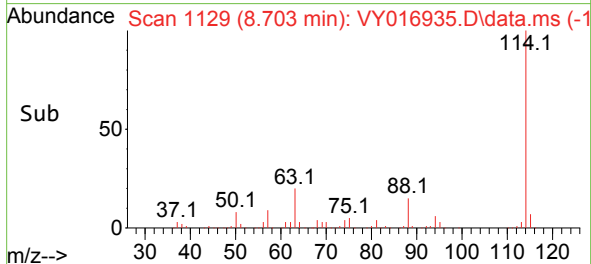
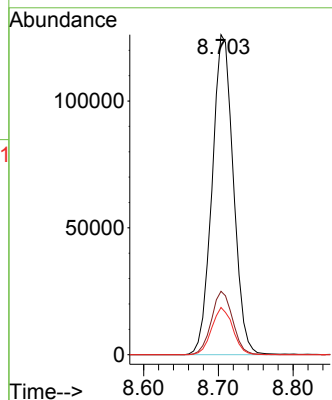
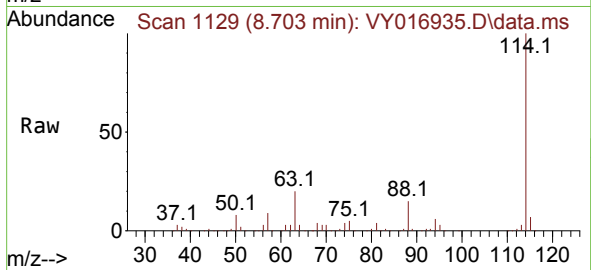
Tgt Ion:114 Resp: 249524

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.450 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016935.D

Acq: 08 Jan 2024 14:28

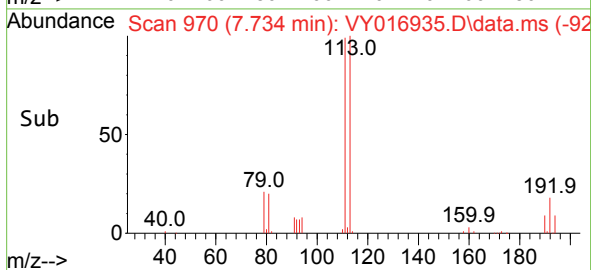
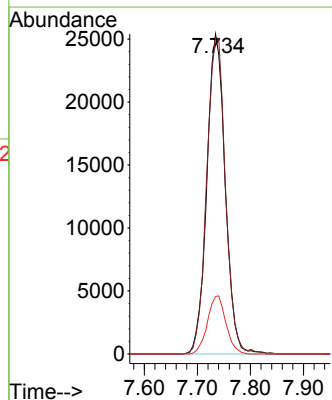
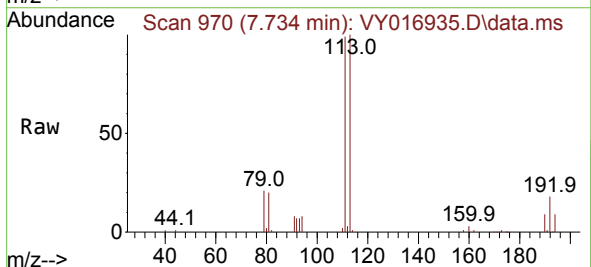
Tgt Ion:113 Resp: 61138

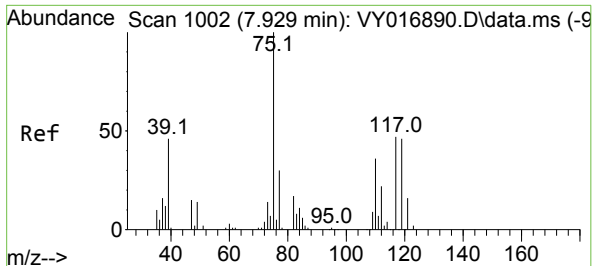
Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 18.3 14.5 21.7

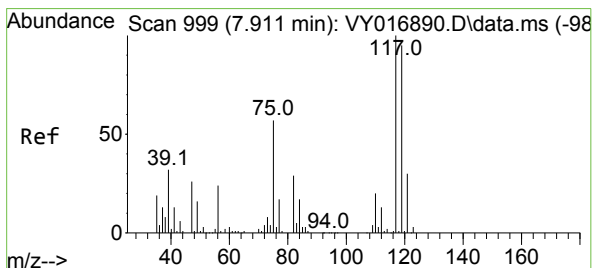
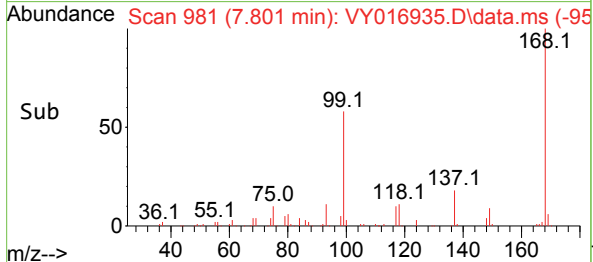
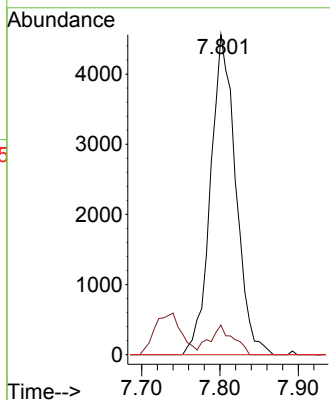
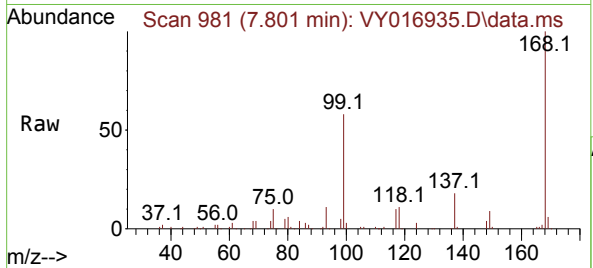




#36
1,1-Dichloropropene
Concen: 4.399 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

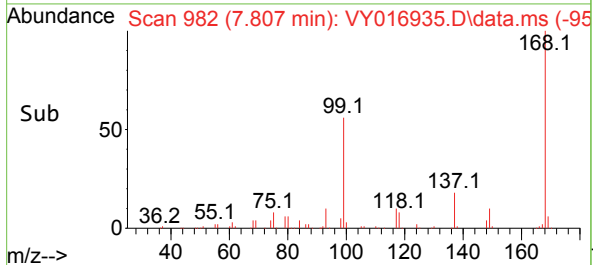
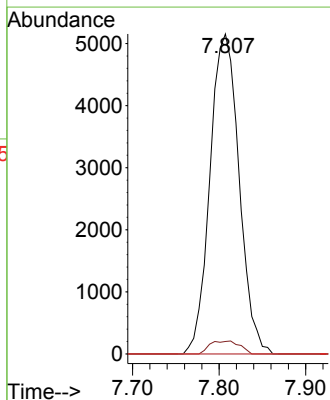
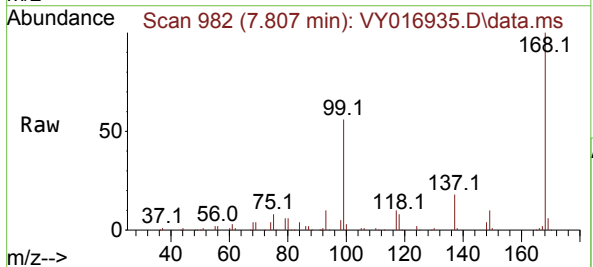
Instrument :
MSVOA_Y
ClientSampleId :

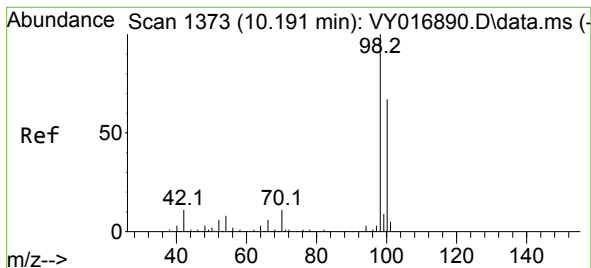
Tgt Ion: 75 Resp: 10193
Ion Ratio Lower Upper
75 100
110 8.5 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.118 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

Tgt Ion: 117 Resp: 12050
Ion Ratio Lower Upper
117 100
119 3.9 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 41.852 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016935.D

Acq: 08 Jan 2024 14:28

Instrument :

MSVOA_Y

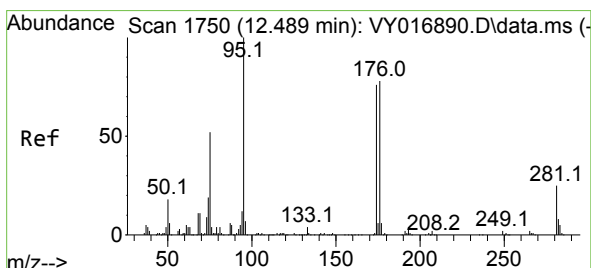
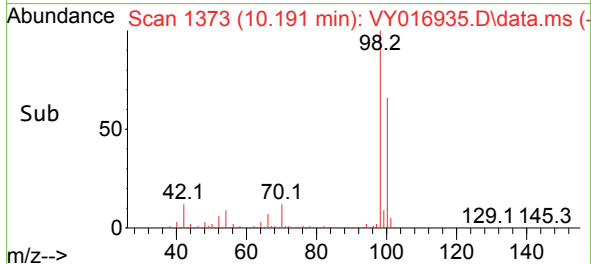
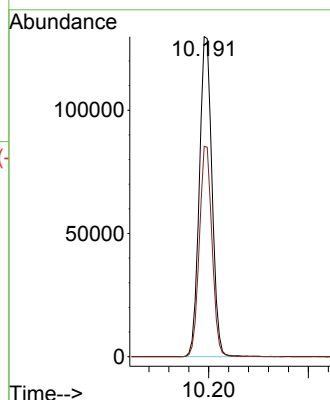
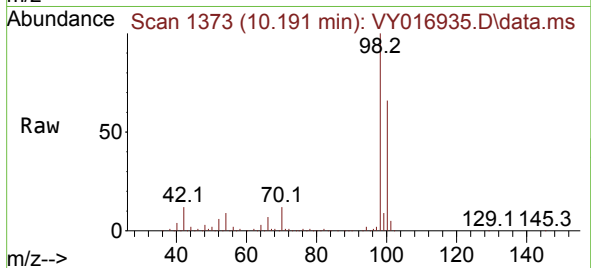
ClientSampleId :

Tgt Ion: 98 Resp: 229158

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 40.904 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016935.D

Acq: 08 Jan 2024 14:28

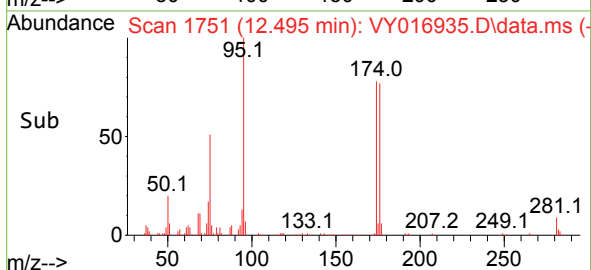
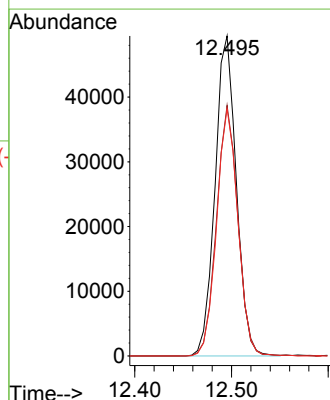
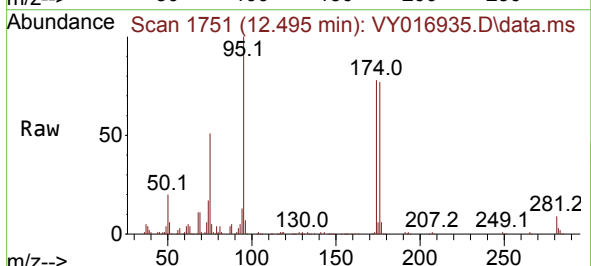
Tgt Ion: 95 Resp: 75564

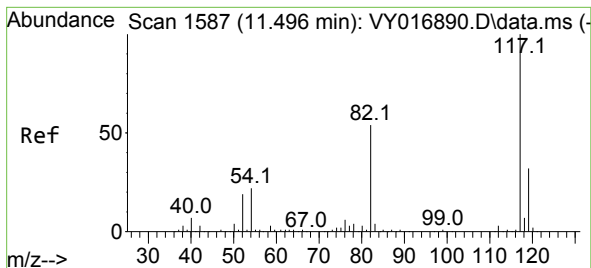
Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.0

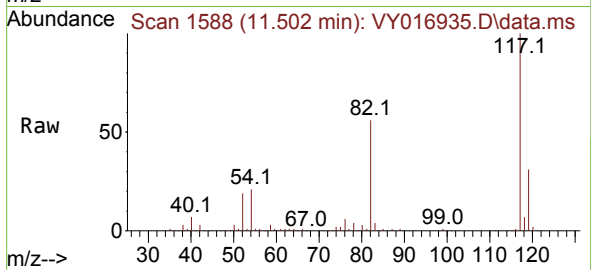
176 77.0 0.0 151.8



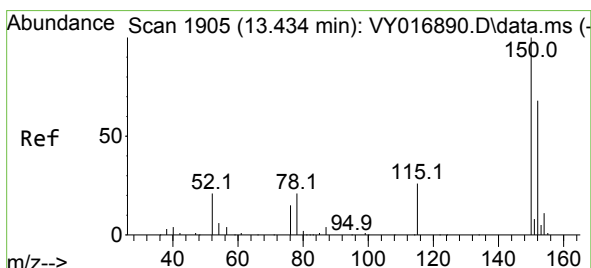
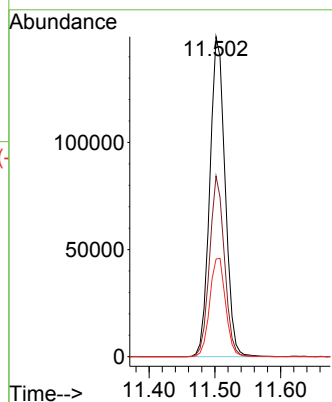
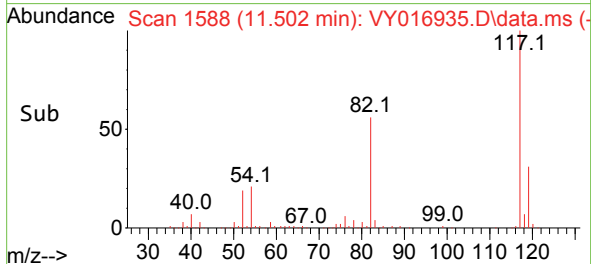


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

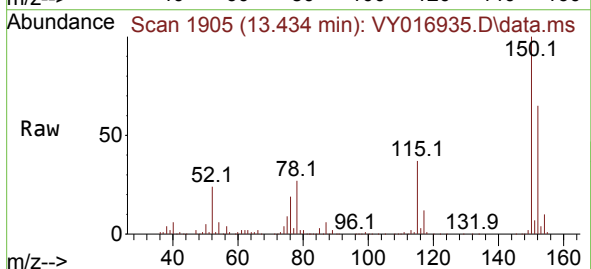
Instrument :
MSVOA_Y
ClientSampleId :



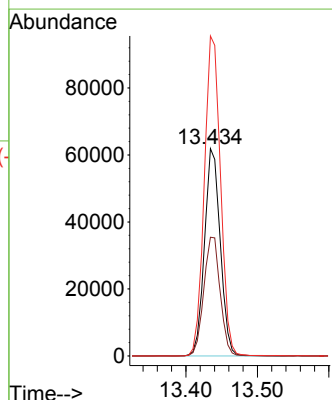
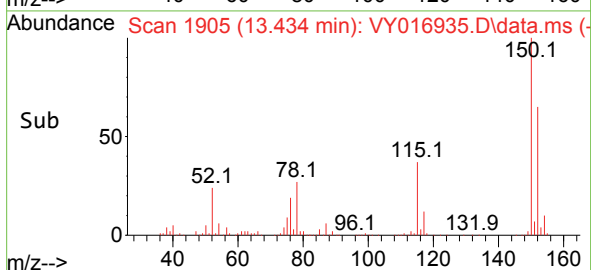
Tgt Ion:117 Resp: 242177
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 30.5 26.5 39.7

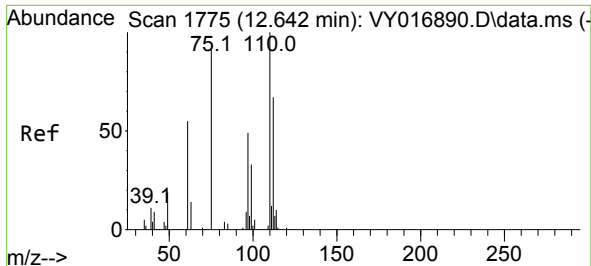


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28



Tgt Ion:152 Resp: 94676
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 158.8 0.0 344.6

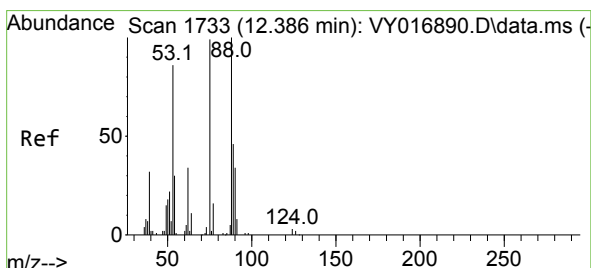
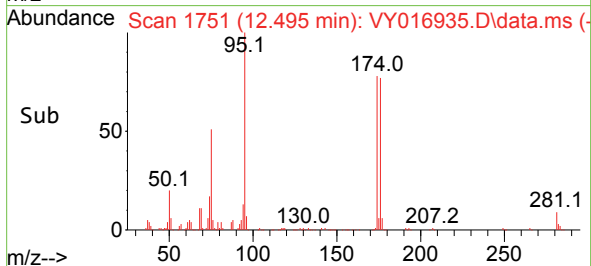
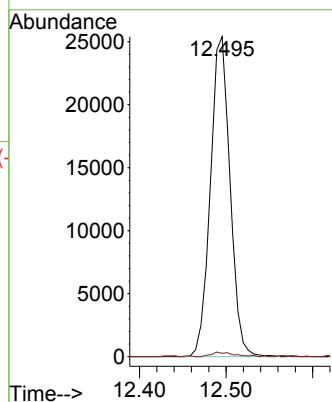
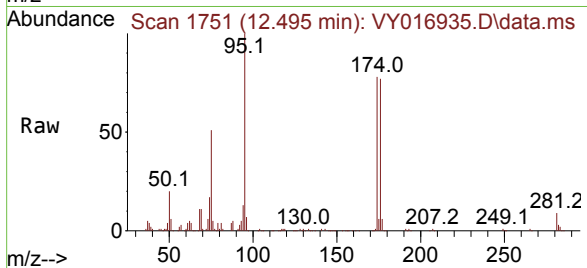




#76
1,2,3-Trichloropropane
Concen: 38.998 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 40067
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.555 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

Tgt Ion: 75 Resp: 40067
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

