

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016945.D
 Acq On : 09 Jan 2024 13:50
 Operator : SY/MD
 Sample : P1073-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:26:14 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)

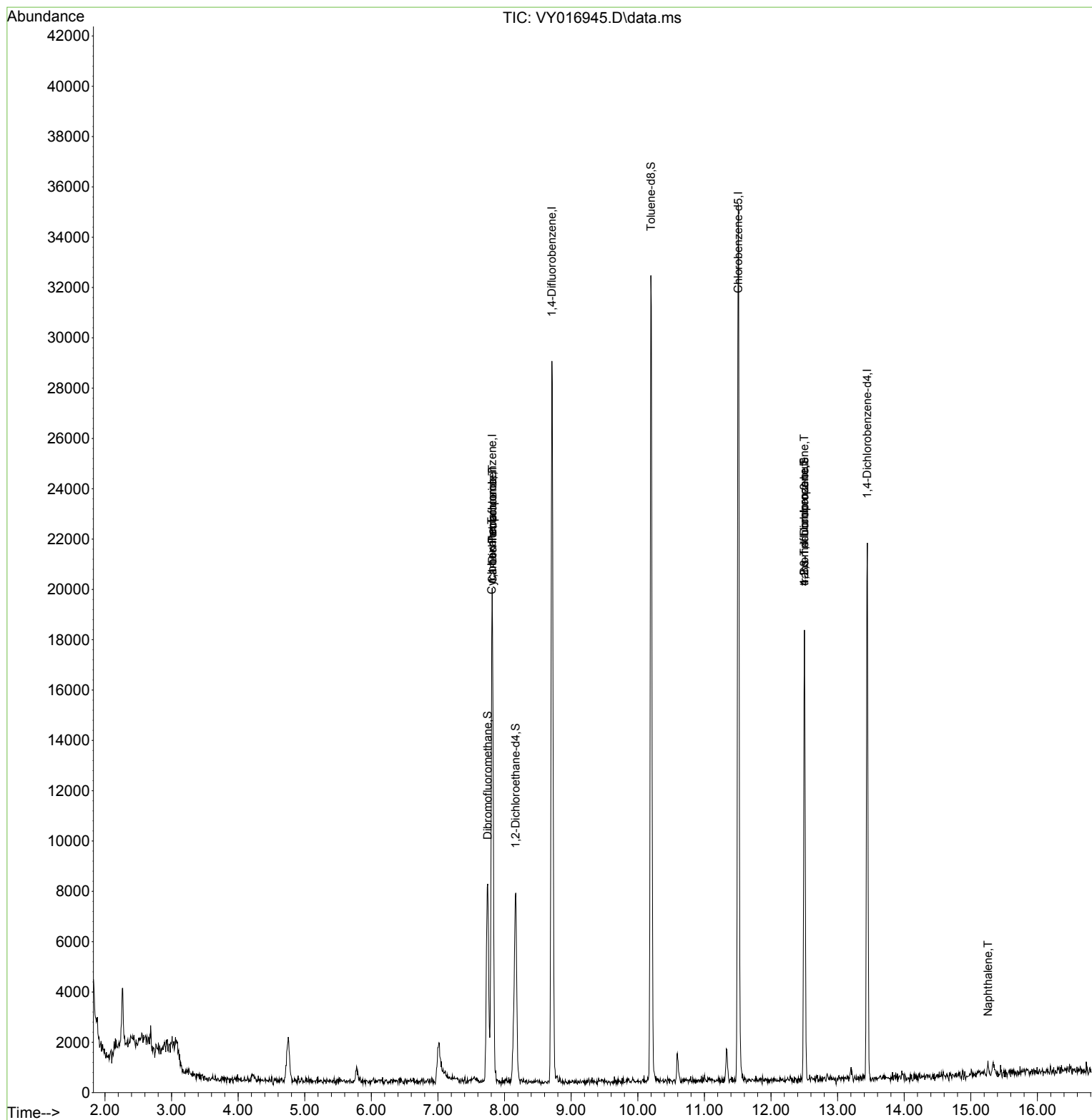
Internal Standards						
1) Pentafluorobenzene	7.813	168	15591	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	25934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	20289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	5690	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	5817	37.749	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.500%
35) Dibromofluoromethane	7.746	113	6371	38.551	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.100%
50) Toluene-d8	10.197	98	22639	39.782	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.560%
62) 4-Bromofluorobenzene	12.502	95	5095	26.536	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	32	Below Cal	#	75
16) Acetone	3.973	43	332	Below Cal	#	41
20) Methylene Chloride	4.759	84	1369	Below Cal		97
25) 2-Butanone	7.039	43	22	Below Cal	#	48
31) Cyclohexane	7.807	56	288	1.089	ug/l #	22
36) 1,1-Dichloropropene	7.820	75	1359	5.643	ug/l #	42
38) Carbon Tetrachloride	7.820	117	1599	6.535	ug/l #	12
76) 1,2,3-Trichloropropane	12.502	75	2623	42.480	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	2623	96.461	ug/l #	12
95) Naphthalene	15.257	128	664	5.182	ug/l #	82

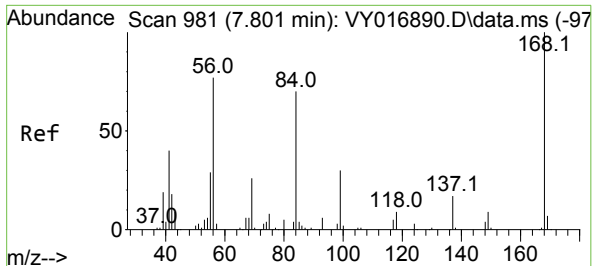
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

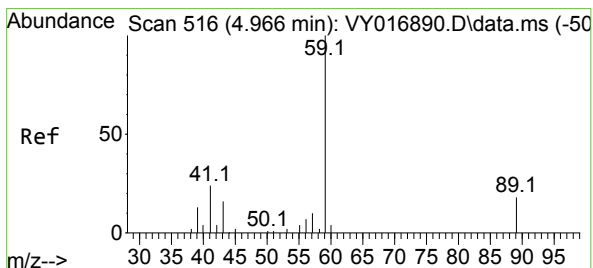
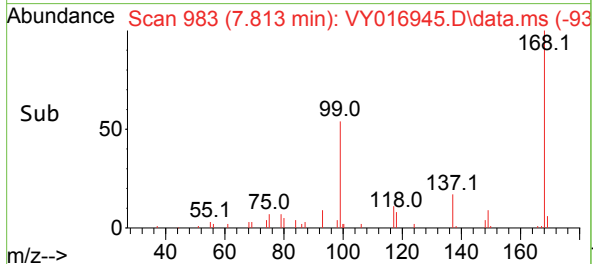
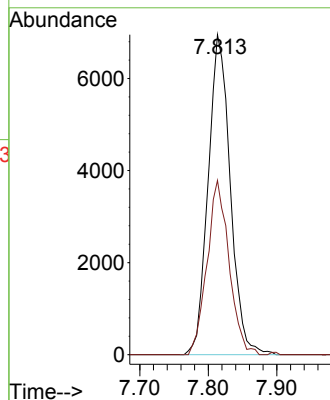
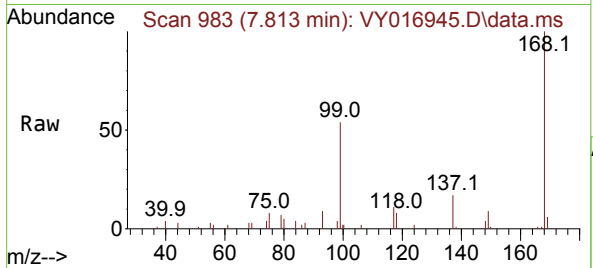




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

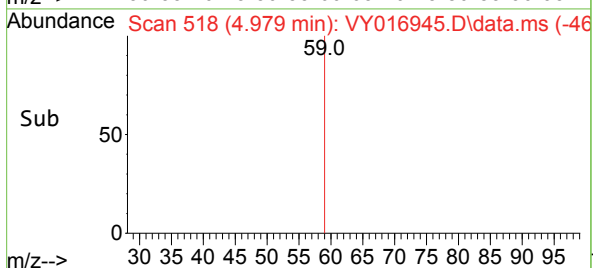
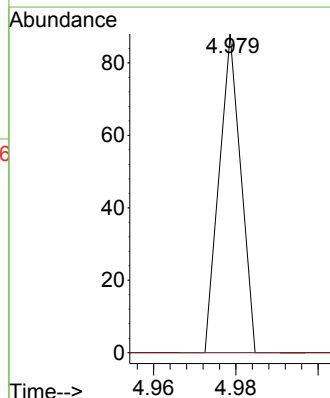
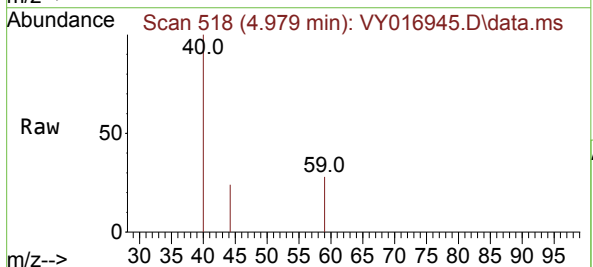
Instrument :
MSVOA_Y
ClientSampleId :

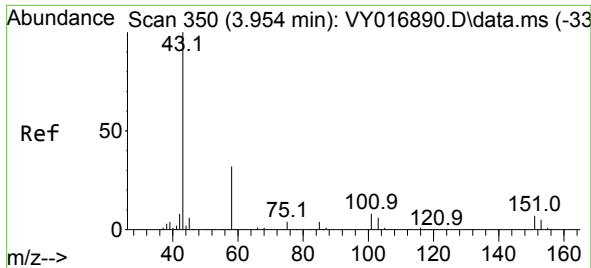
Tgt Ion:168 Resp: 15591
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.979 min Scan# 518
Delta R.T. 0.013 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

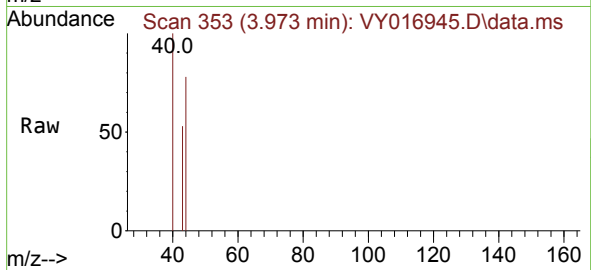
Tgt Ion: 59 Resp: 32
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



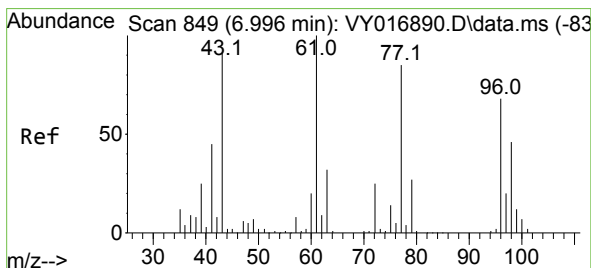
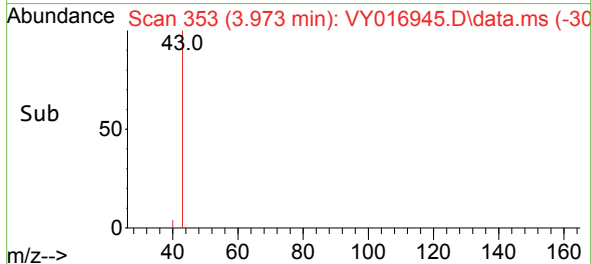
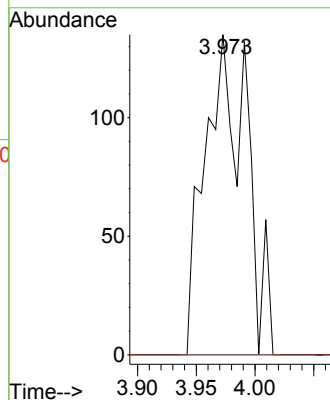


#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 311
Delta R.T. 0.013 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

Instrument :
MSVOA_Y
ClientSampleId :

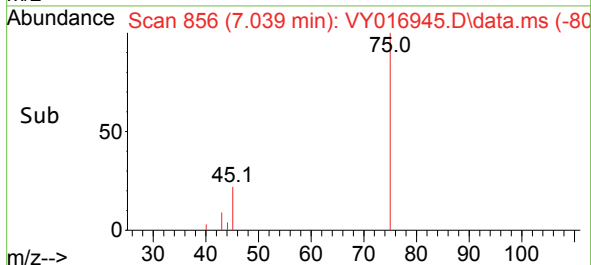
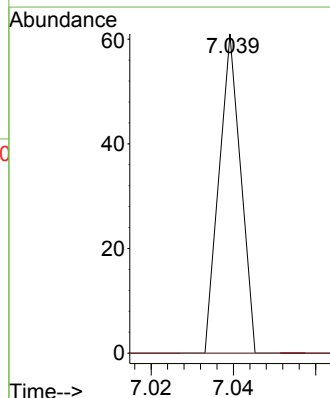
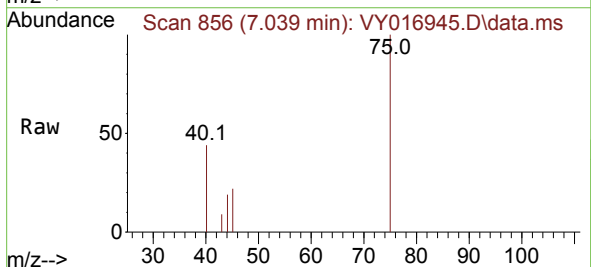


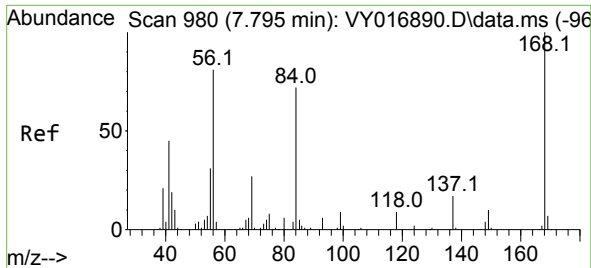
Tgt Ion: 43 Resp: 332
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#25
2-Butanone
Concen: Below Cal
RT: 7.039 min Scan# 856
Delta R.T. 0.043 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

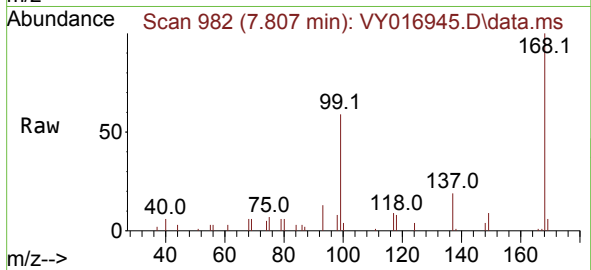
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



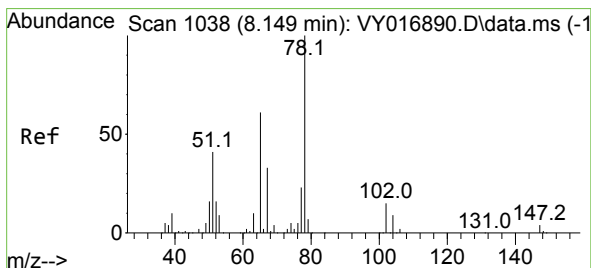
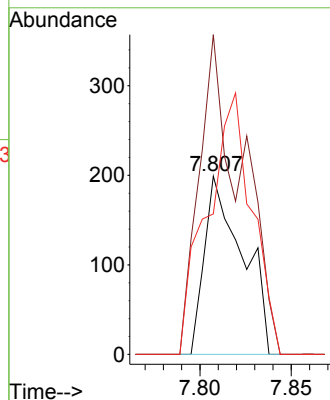
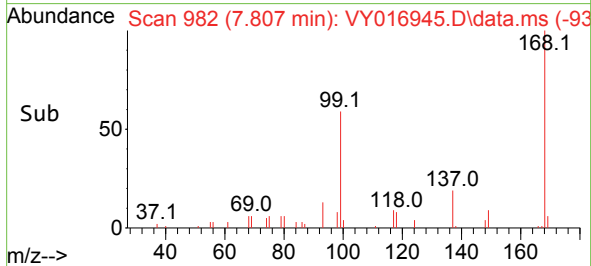


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

Instrument :
MSVOA_Y
ClientSampleId :

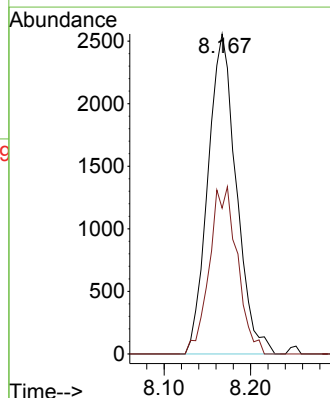
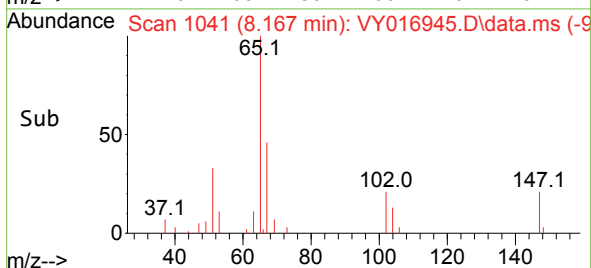
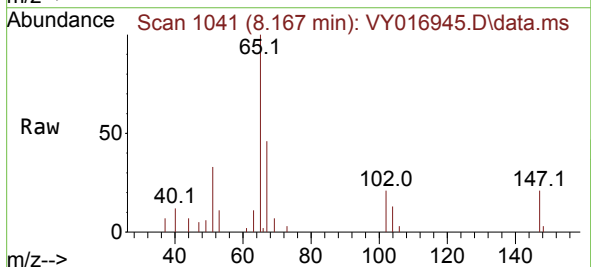


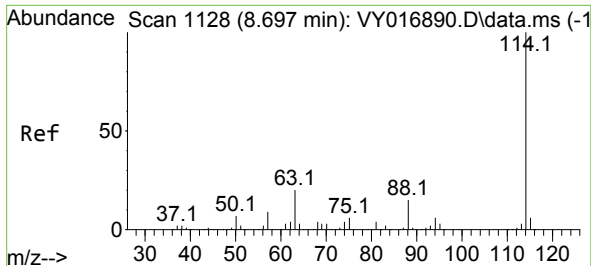
Tgt Ion: 56 Resp: 288
Ion Ratio Lower Upper
56 100
69 179.4 27.0 40.6#
84 78.9 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 37.749 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

Tgt Ion: 65 Resp: 5817
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016945.D

Acq: 09 Jan 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

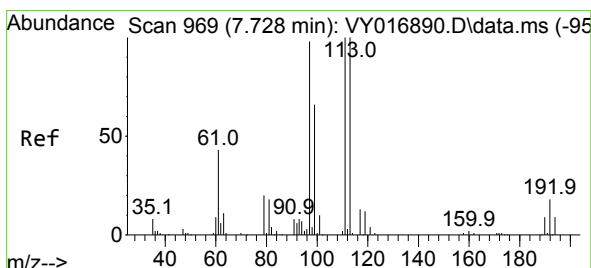
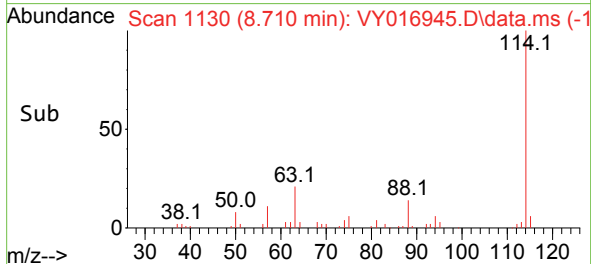
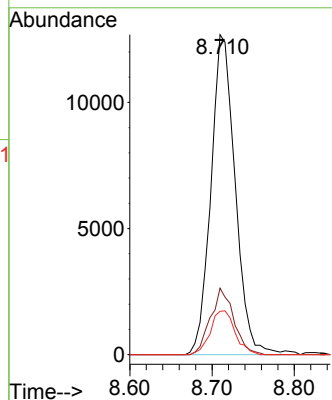
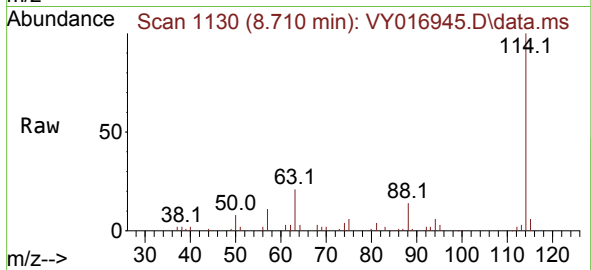
Tgt Ion:114 Resp: 25934

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 13.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.551 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016945.D

Acq: 09 Jan 2024 13:50

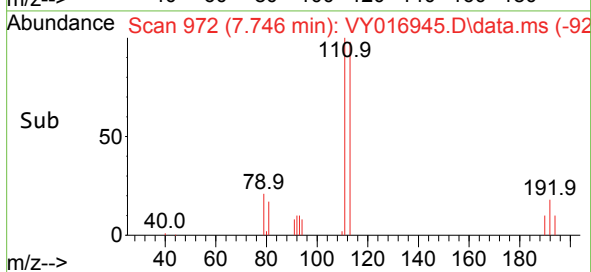
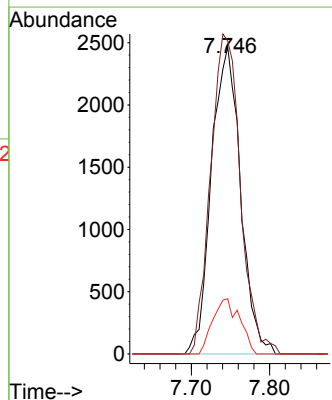
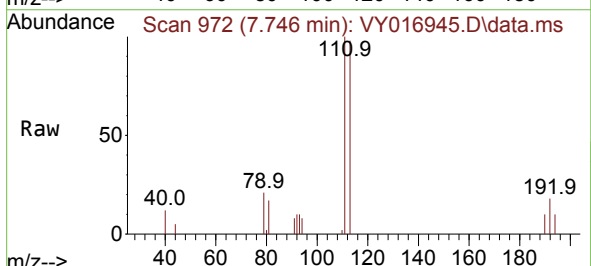
Tgt Ion:113 Resp: 6371

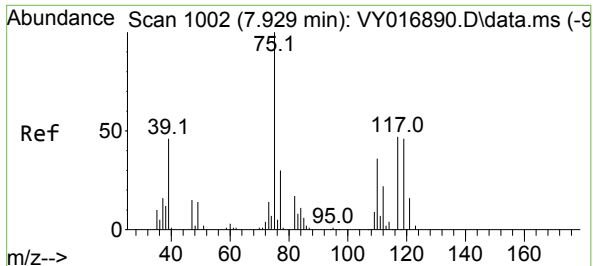
Ion Ratio Lower Upper

113 100

111 106.5 83.8 125.6

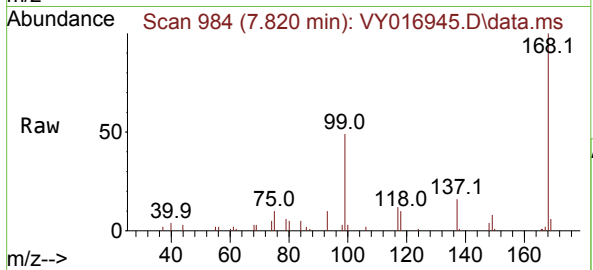
192 16.6 14.5 21.7



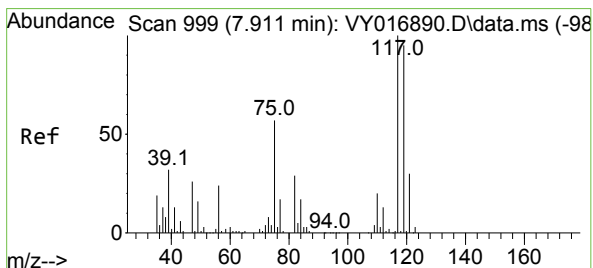
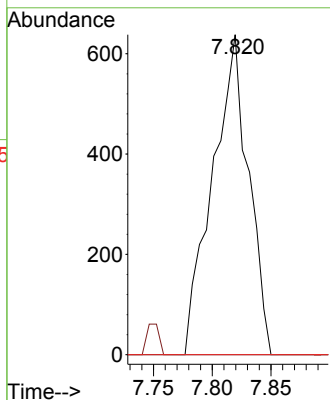
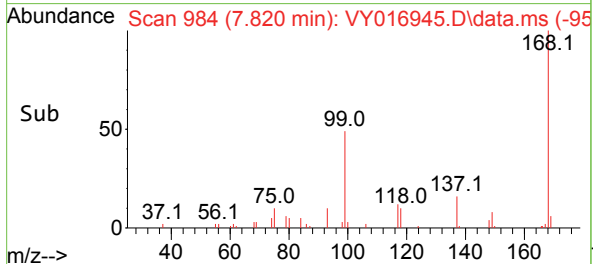


#36
1,1-Dichloropropene
Concen: 5.643 ug/l
RT: 7.820 min Scan# 984
Delta R.T. -0.109 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

Instrument :
MSVOA_Y
ClientSampleId :

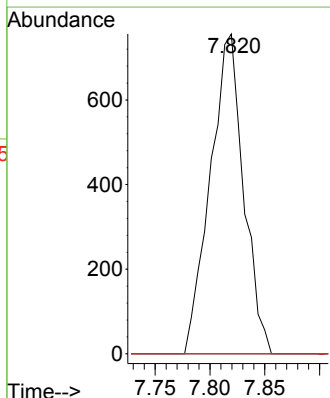
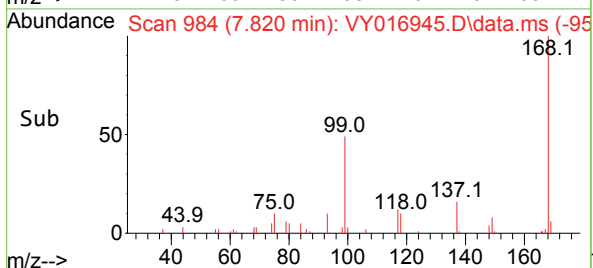
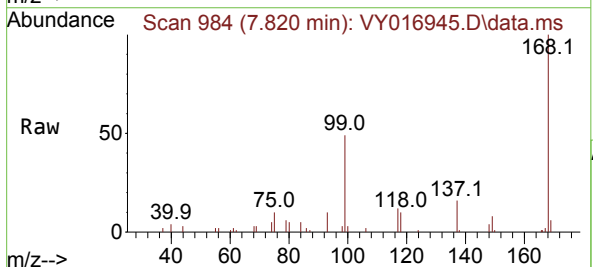


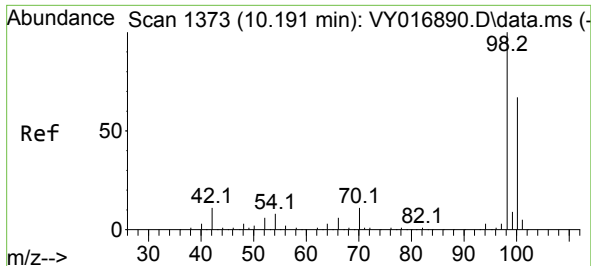
Tgt Ion: 75 Resp: 1359
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.535 ug/l
RT: 7.820 min Scan# 984
Delta R.T. -0.097 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

Tgt Ion: 117 Resp: 1599
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#

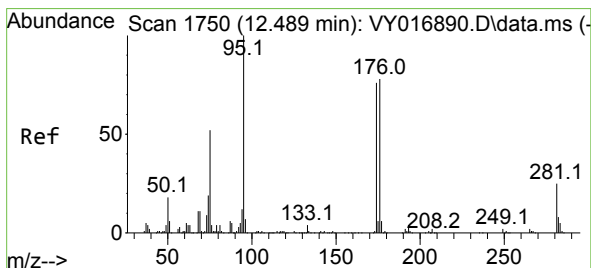
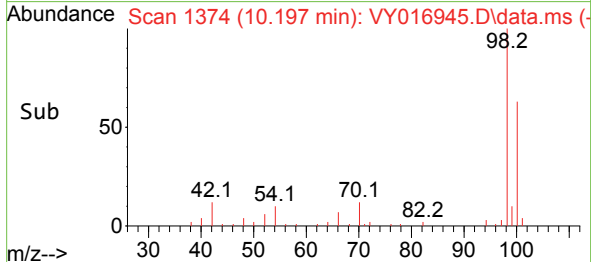
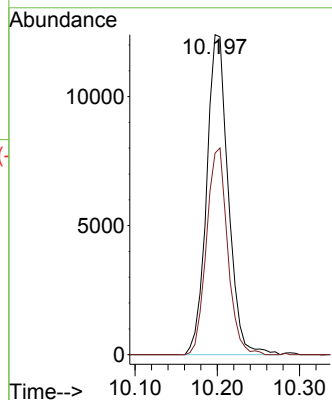
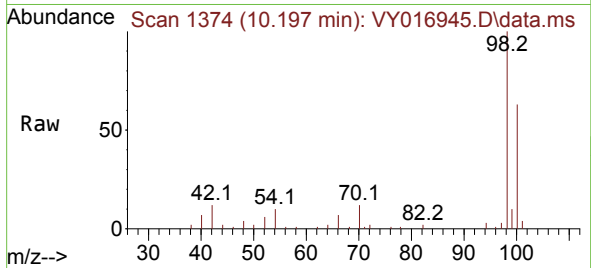




#50
Toluene-d8
Concen: 39.782 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

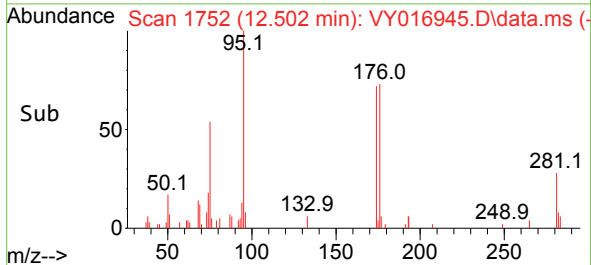
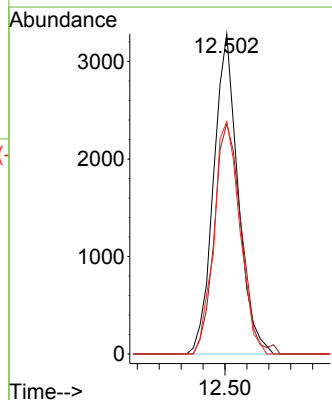
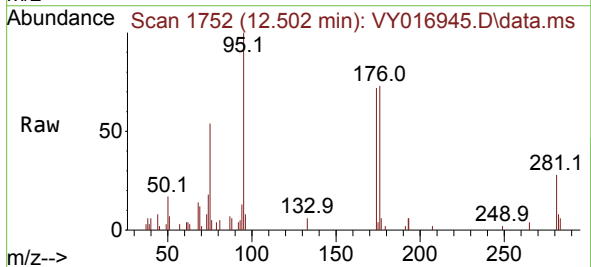
Instrument :
MSVOA_Y
ClientSampleId :

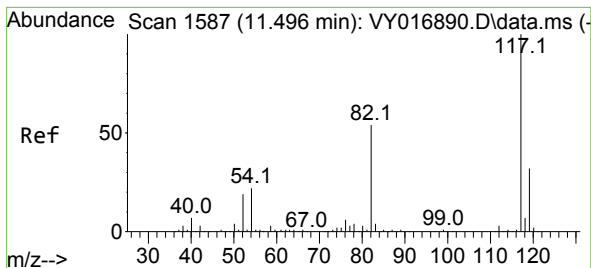
Tgt Ion: 98 Resp: 22639
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 26.536 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

Tgt Ion: 95 Resp: 5095
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 76.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016945.D

Acq: 09 Jan 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

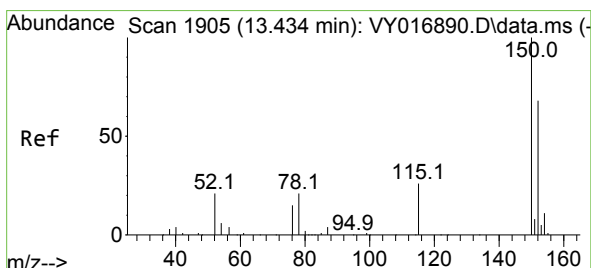
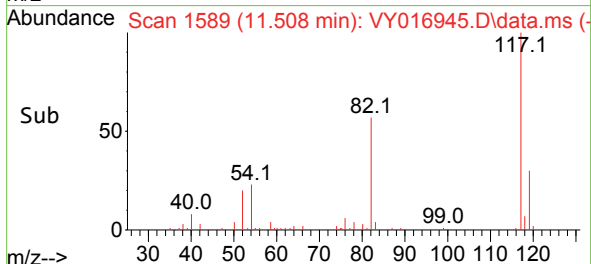
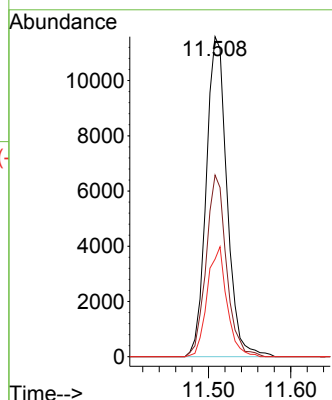
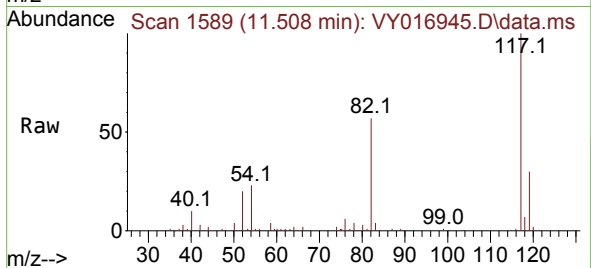
Tgt Ion:117 Resp: 20289

Ion Ratio Lower Upper

117 100

82 56.7 43.8 65.8

119 30.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY016945.D

Acq: 09 Jan 2024 13:50

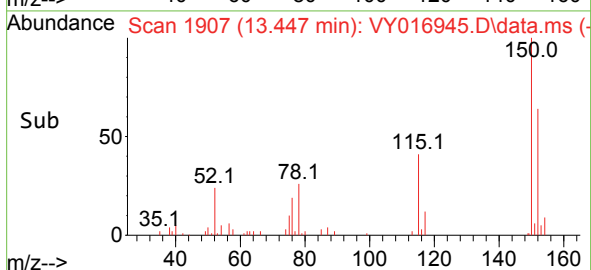
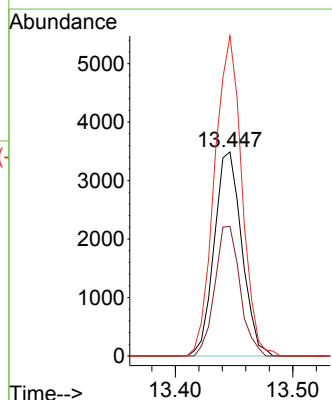
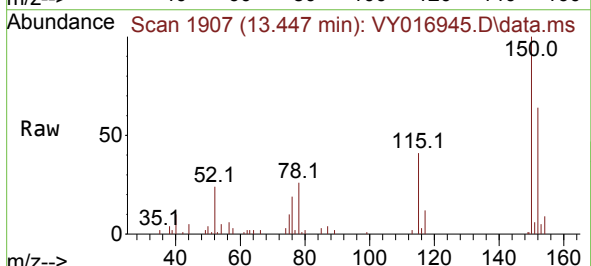
Tgt Ion:152 Resp: 5690

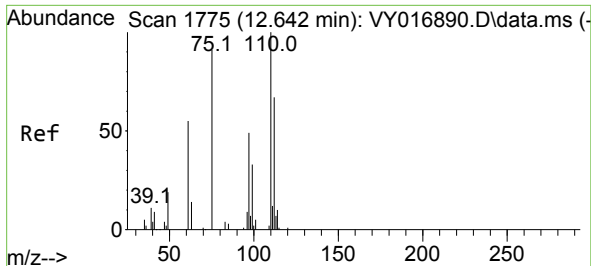
Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 155.2 0.0 344.6

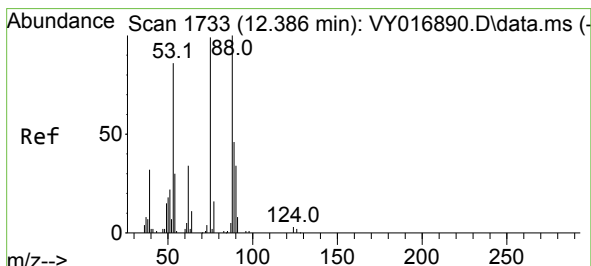
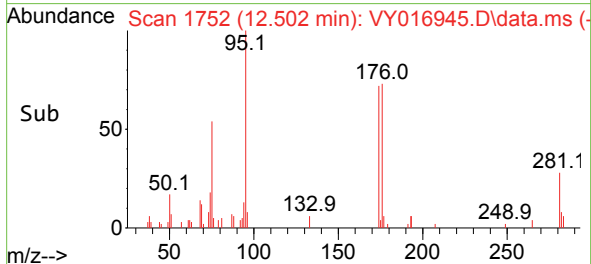
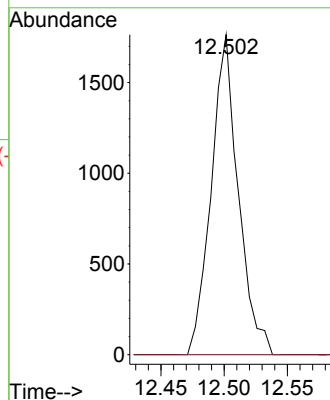
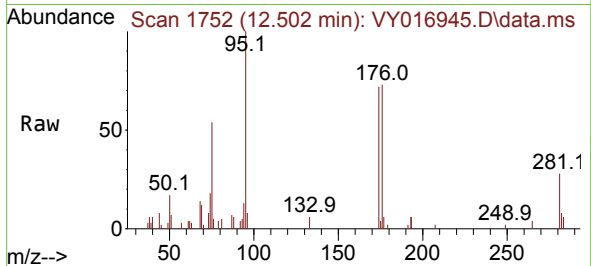




#76
1,2,3-Trichloropropane
Concen: 42.480 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

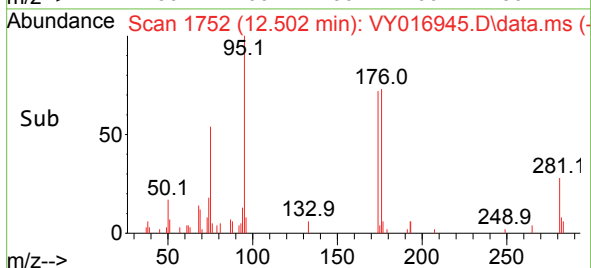
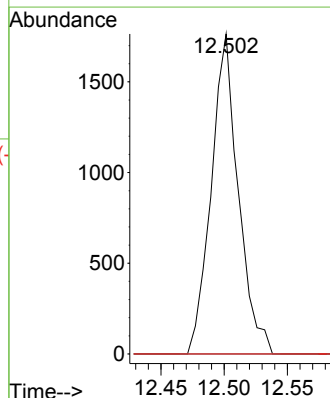
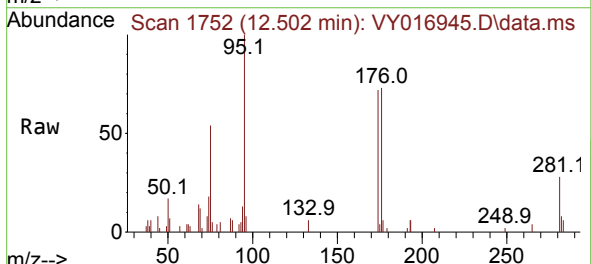
Instrument :
MSVOA_Y
ClientSampleId :

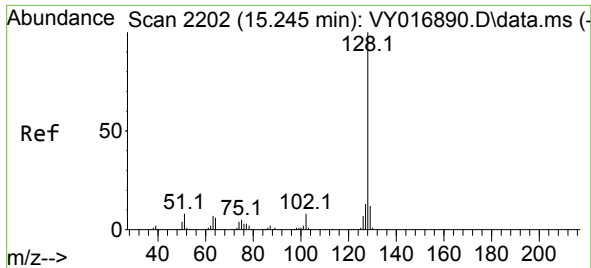
Tgt Ion: 75 Resp: 2623
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 96.461 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.117 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

Tgt Ion: 75 Resp: 2623
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 5.182 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

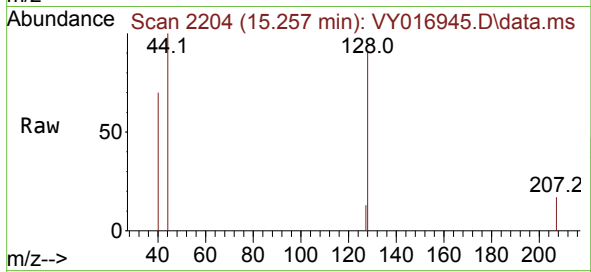
Lab File: VY016945.D

Acq: 09 Jan 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 664

Ion Ratio Lower Upper

128 100

127 6.6 10.2 15.4#

129 2.9 8.6 12.8#

