

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019063.D
 Acq On : 14 Aug 2024 17:05
 Operator : SY/MD
 Sample : P3580-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 925-K1-SD-0-0.5-081224

Quant Time: Aug 14 21:48:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

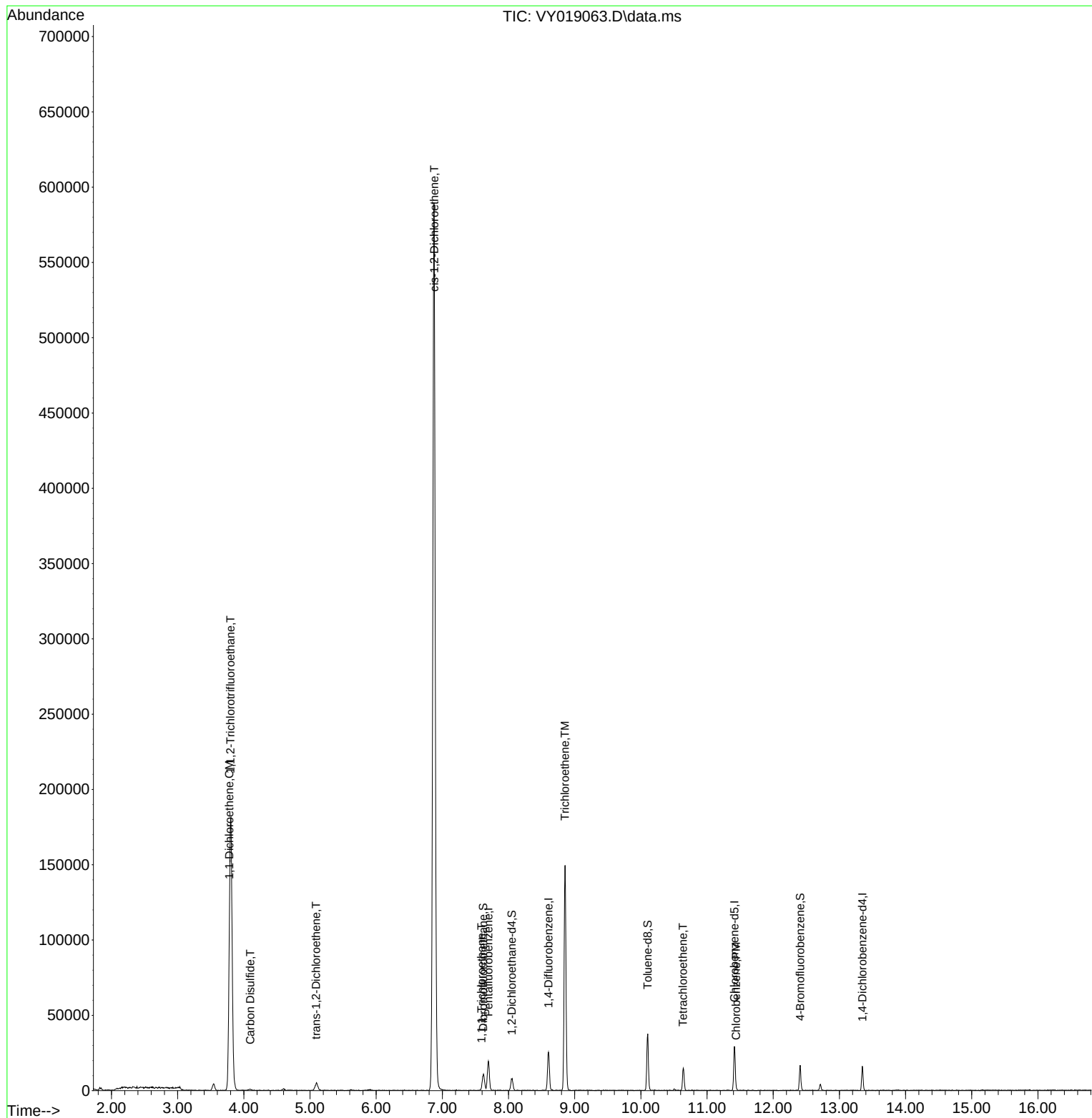
Internal Standards						
1) Pentafluorobenzene	7.695	168	15293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	21981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	14893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	3809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	4660	34.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.420%
35) Dibromofluoromethane	7.616	113	6641	47.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.600%
50) Toluene-d8	10.103	98	23377	43.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.700%
62) 4-Bromofluorobenzene	12.408	95	3681	23.009	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	46.020%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	3.799	101	97163	662.430	ug/l	92
12) 1,1-Dichloroethene	3.781	96	1825	13.170	ug/l #	54
17) Carbon Disulfide	4.098	76	1675	4.066	ug/l #	90
21) trans-1,2-Dichloroethene	5.092	96	2944	19.202	ug/l #	76
27) cis-1,2-Dichloroethene	6.878	96	314186	1712.706	ug/l	91
32) 1,1,1-Trichloroethane	7.591	97	699	2.917	ug/l #	84
44) Trichloroethene	8.853	130	45028	281.926	ug/l	94
64) Tetrachloroethene	10.634	164	2818	22.572	ug/l #	73
65) Chlorobenzene	11.438	112	516	1.578	ug/l #	81

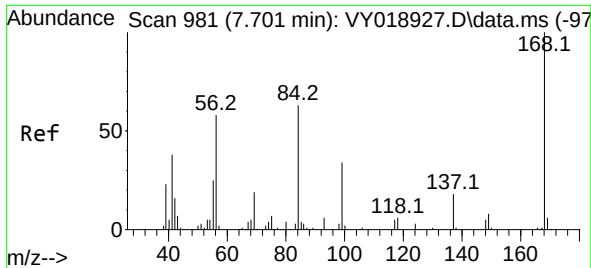
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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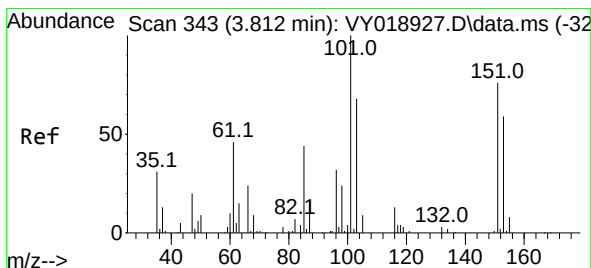
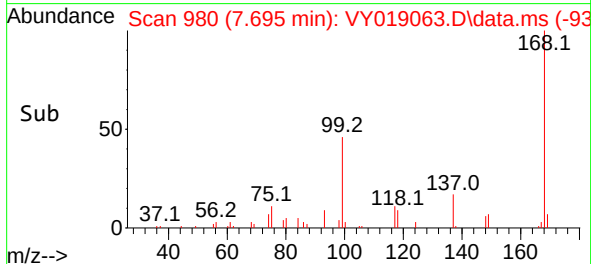
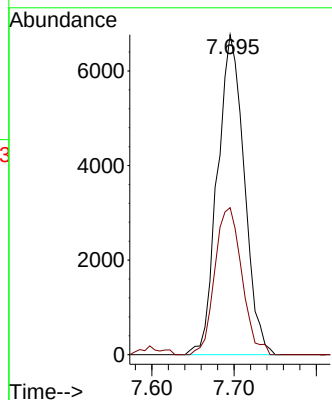
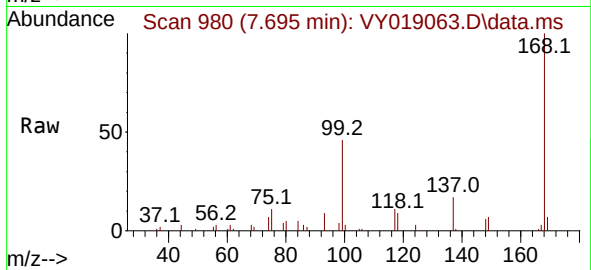




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019063.D
Acq: 14 Aug 2024 17:05

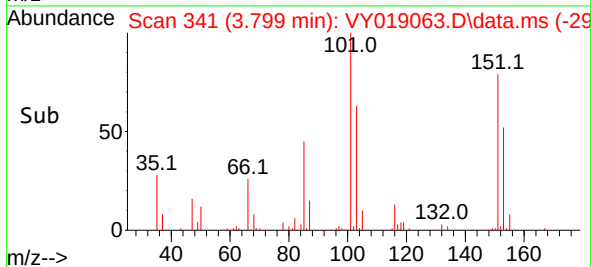
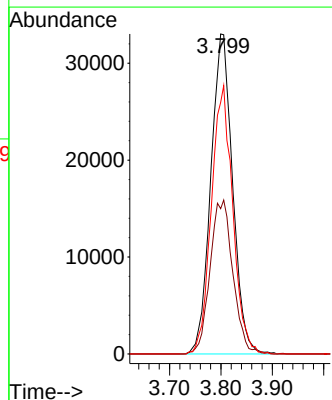
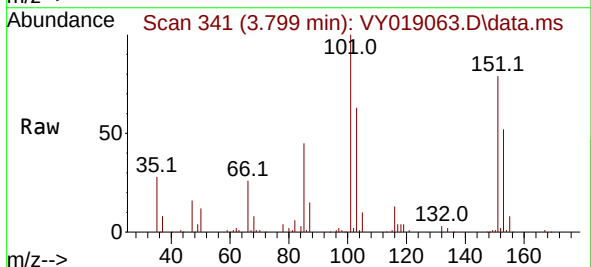
Instrument :
MSVOA_Y
ClientSampleId :
925-K1-SD-0-0.5-081224

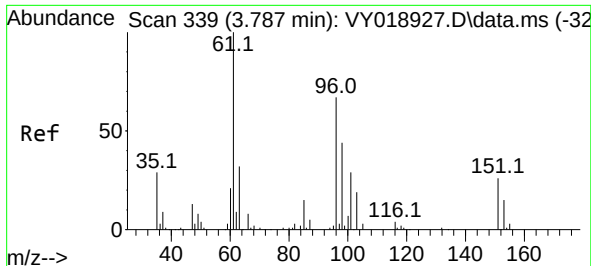
Tgt Ion:168 Resp: 15293
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 662.430 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY019063.D
Acq: 14 Aug 2024 17:05

Tgt Ion:101 Resp: 97163
Ion Ratio Lower Upper
101 100
85 50.3 34.5 51.7
151 82.3 61.7 92.5





#12

1,1-Dichloroethene

Concen: 13.170 ug/l

RT: 3.781 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY019063.D

Acq: 14 Aug 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

925-K1-SD-0-0.5-081224

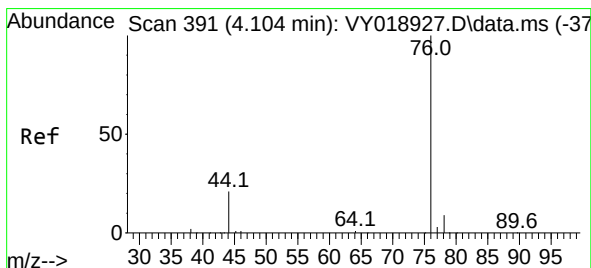
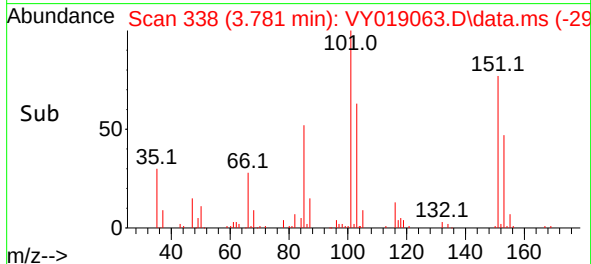
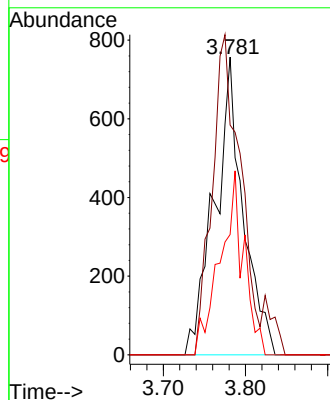
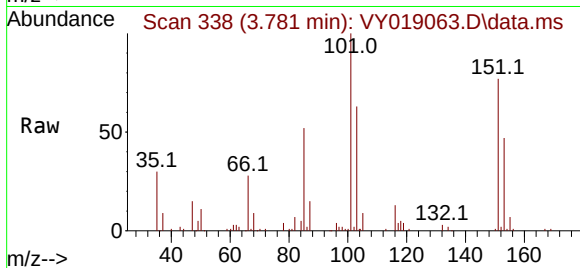
Tgt Ion: 96 Resp: 1825

Ion Ratio Lower Upper

96 100

61 77.1 114.6 171.8#

98 40.4 50.8 76.2#



#17

Carbon Disulfide

Concen: 4.066 ug/l

RT: 4.098 min Scan# 390

Delta R.T. -0.006 min

Lab File: VY019063.D

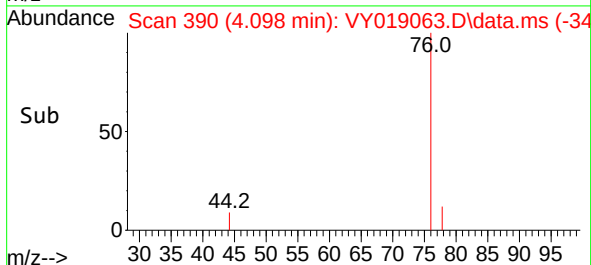
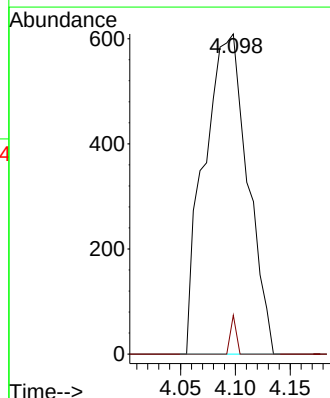
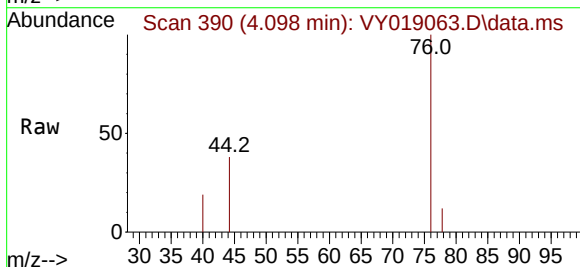
Acq: 14 Aug 2024 17:05

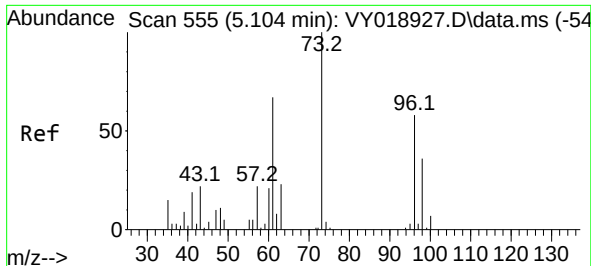
Tgt Ion: 76 Resp: 1675

Ion Ratio Lower Upper

76 100

78 12.2 6.8 10.2#

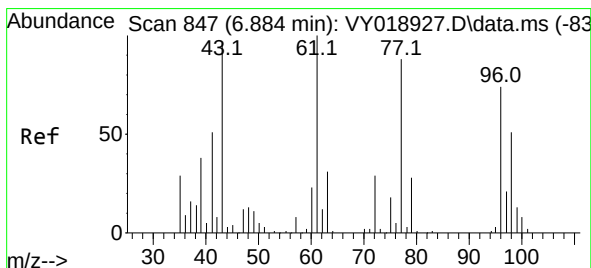
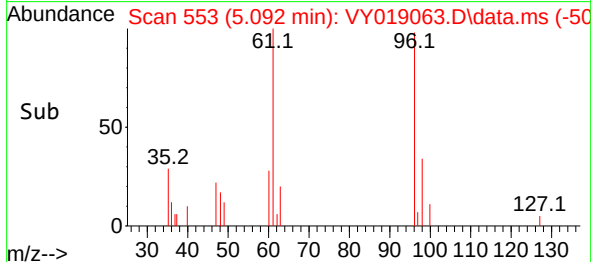
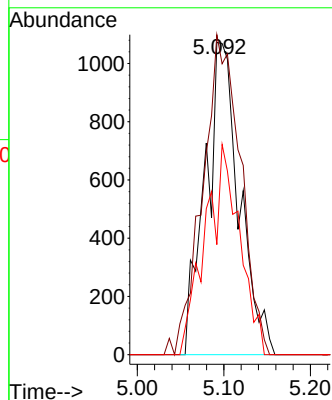
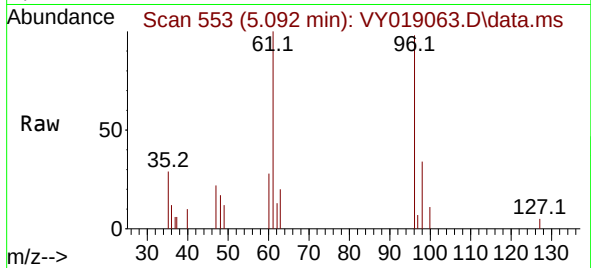




#21
trans-1,2-Dichloroethene
Concen: 19.202 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019063.D
Acq: 14 Aug 2024 17:05

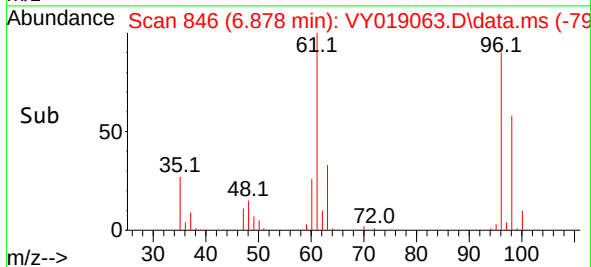
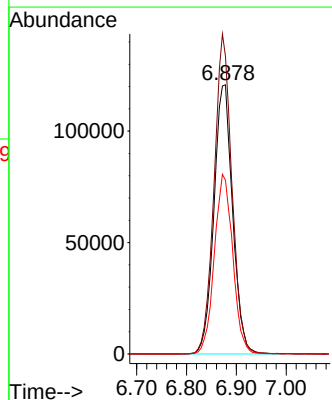
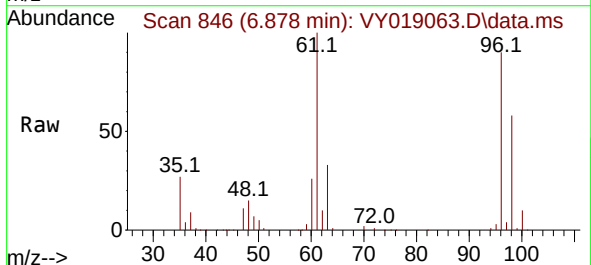
Instrument :
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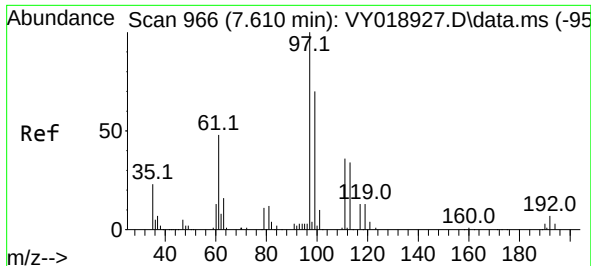
Tgt Ion: 96 Resp: 2944
Ion Ratio Lower Upper
96 100
61 102.5 97.5 146.3
98 35.3 50.5 75.7#



#27
cis-1,2-Dichloroethene
Concen: 1712.706 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019063.D
Acq: 14 Aug 2024 17:05

Tgt Ion: 96 Resp: 314186
Ion Ratio Lower Upper
96 100
61 113.5 0.0 256.2
98 65.9 0.0 130.0

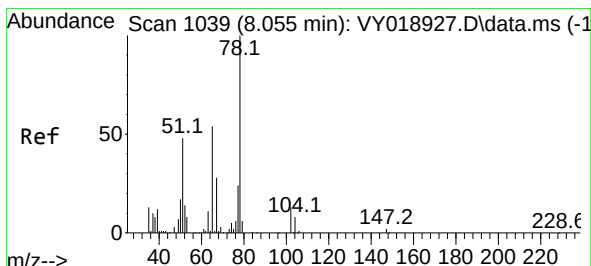
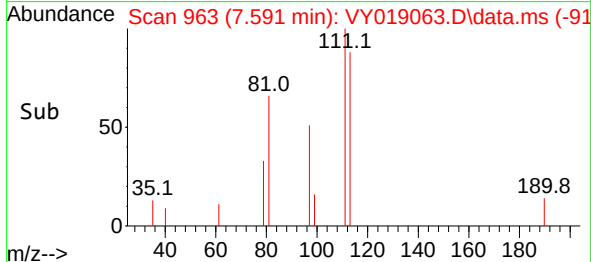
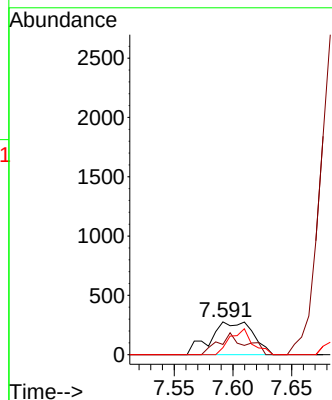
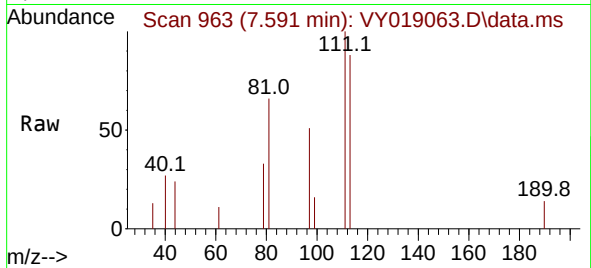




#32
1,1,1-Trichloroethane
Concen: 2.917 ug/l
RT: 7.591 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY019063.D
Acq: 14 Aug 2024 17:05

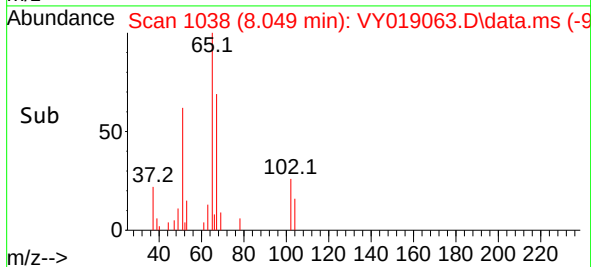
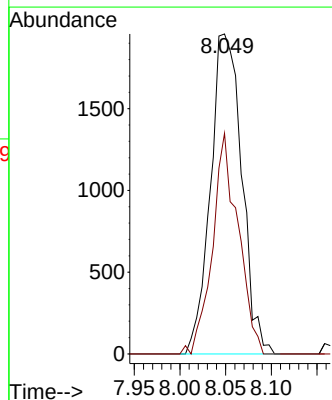
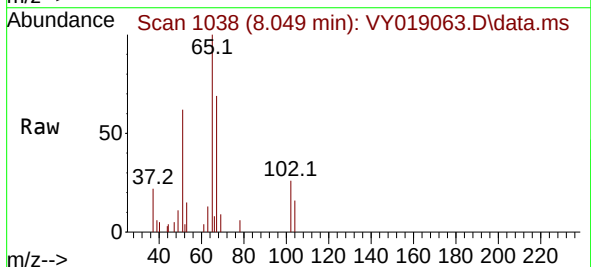
Instrument :
MSVOA_Y
ClientSampleId :
925-K1-SD-0-0.5-081224

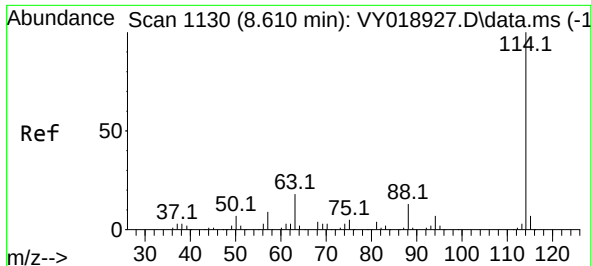
Tgt Ion: 97 Resp: 699
Ion Ratio Lower Upper
97 100
99 42.5 50.3 75.5#
61 41.3 32.6 48.8



#33
1,2-Dichloroethane-d4
Concen: 34.706 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019063.D
Acq: 14 Aug 2024 17:05

Tgt Ion: 65 Resp: 4660
Ion Ratio Lower Upper
65 100
67 56.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019063.D

Acq: 14 Aug 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

925-K1-SD-0-0.5-081224

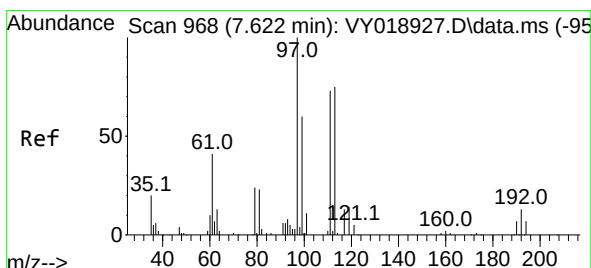
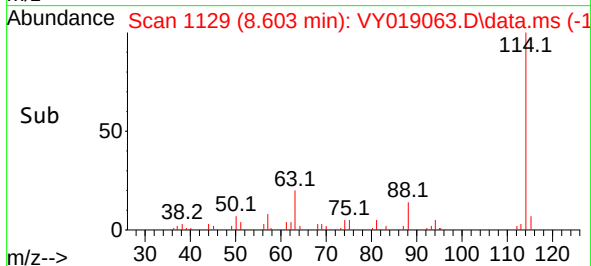
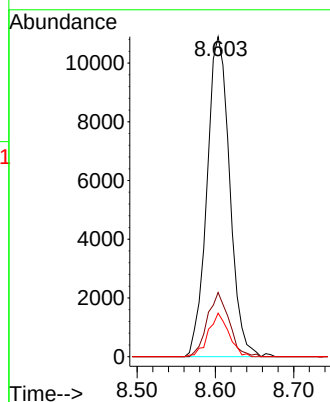
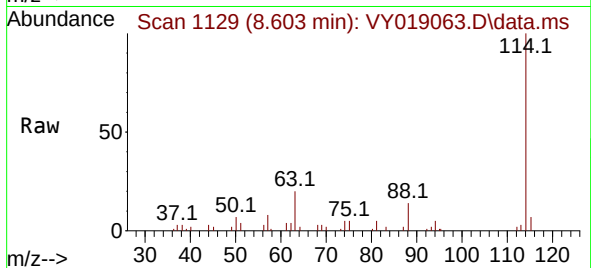
Tgt Ion:114 Resp: 21981

Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.304 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019063.D

Acq: 14 Aug 2024 17:05

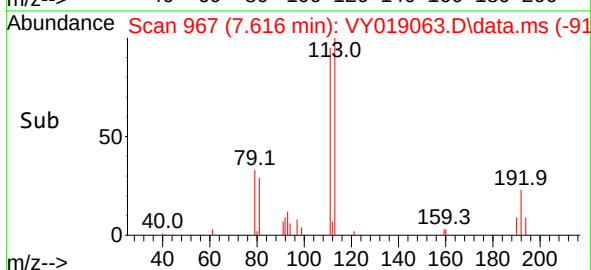
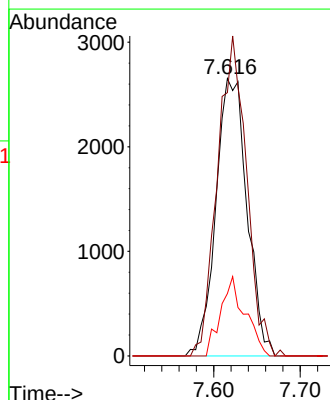
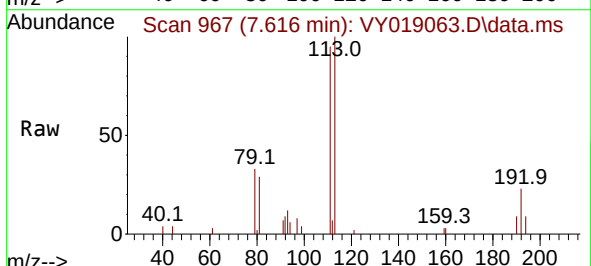
Tgt Ion:113 Resp: 6641

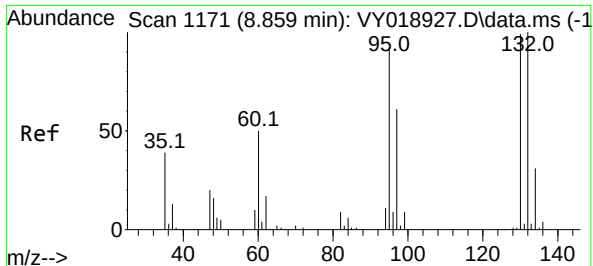
Ion Ratio Lower Upper

113 100

111 107.9 82.2 123.4

192 22.5 15.9 23.9





#44

Trichloroethene

Concen: 281.926 ug/l

RT: 8.853 min Scan# 1171

Delta R.T. -0.006 min

Lab File: VY019063.D

Acq: 14 Aug 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

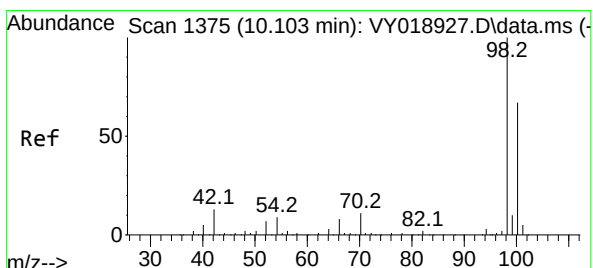
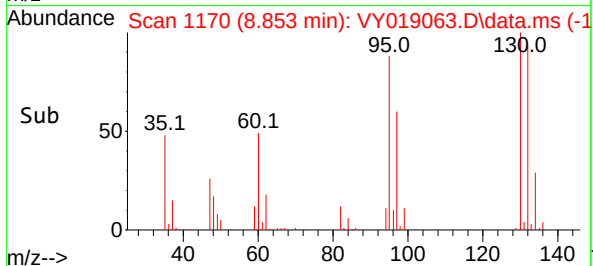
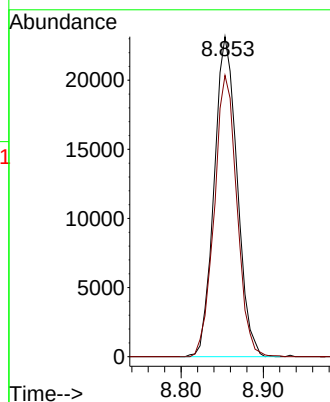
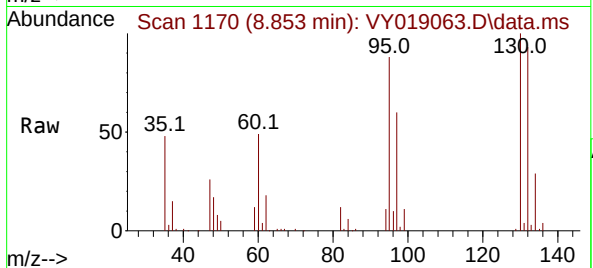
925-K1-SD-0-0.5-081224

Tgt Ion:130 Resp: 45028

Ion Ratio Lower Upper

130 100

95 87.9 0.0 188.0



#50

Toluene-d8

Concen: 43.351 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019063.D

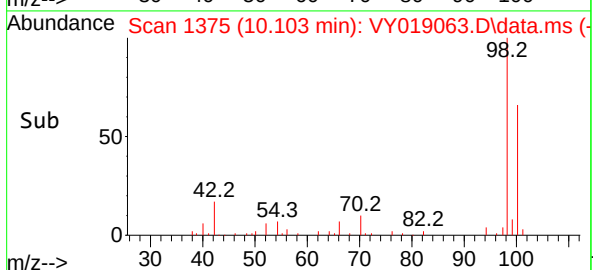
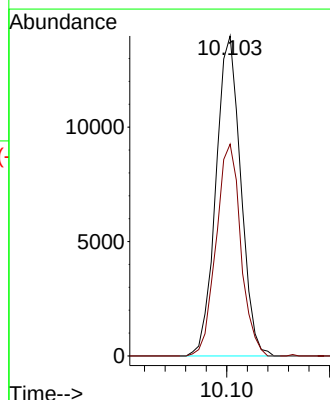
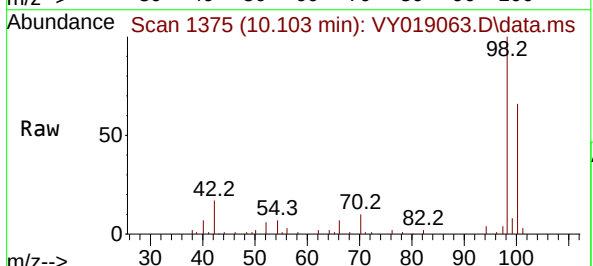
Acq: 14 Aug 2024 17:05

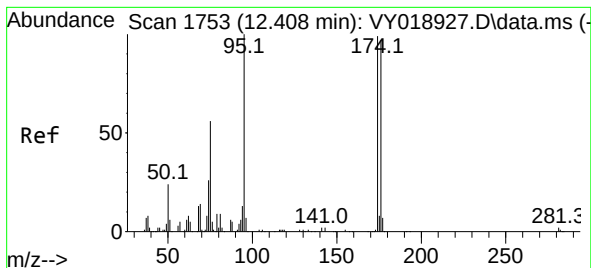
Tgt Ion: 98 Resp: 23377

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

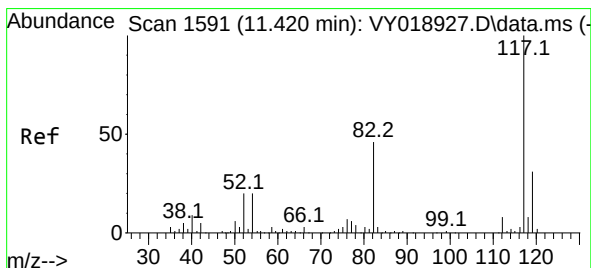
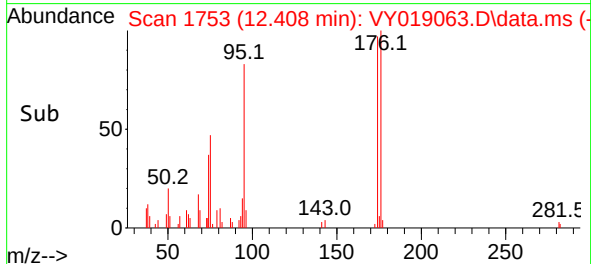
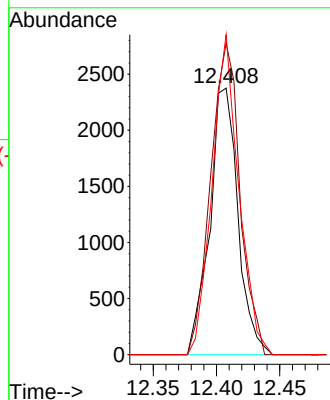
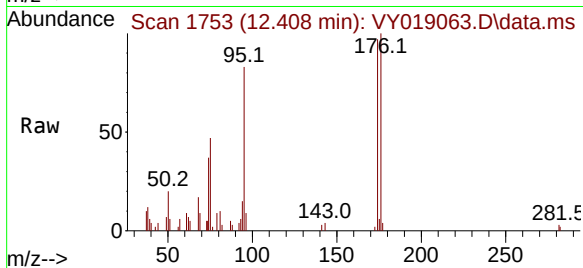




#62
4-Bromofluorobenzene
Concen: 23.009 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019063.D
Acq: 14 Aug 2024 17:05

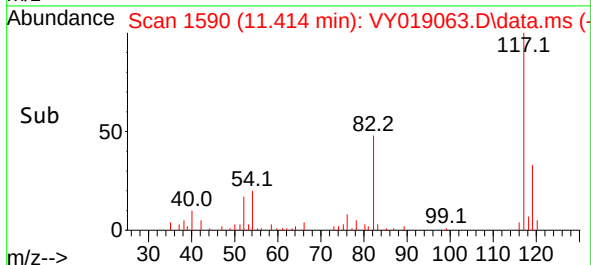
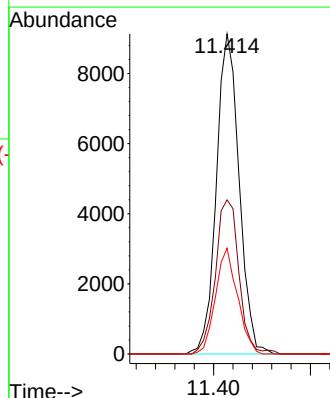
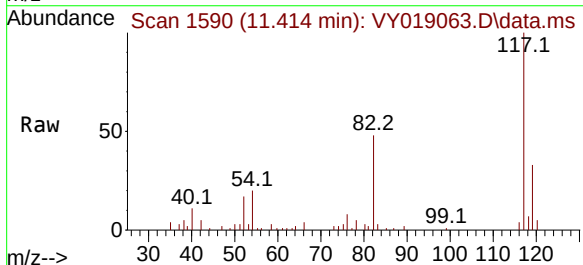
Instrument :
MSVOA_Y
ClientSampleId :
925-K1-SD-0-0.5-081224

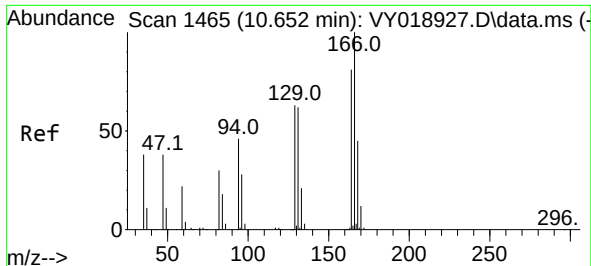
Tgt Ion:	95	Resp:	3681
Ion	Ratio	Lower	Upper
95	100		
174	122.0	0.0	175.6
176	113.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019063.D
Acq: 14 Aug 2024 17:05

Tgt Ion:	117	Resp:	14893
Ion	Ratio	Lower	Upper
117	100		
82	48.1	42.4	63.6
119	33.0	25.9	38.9

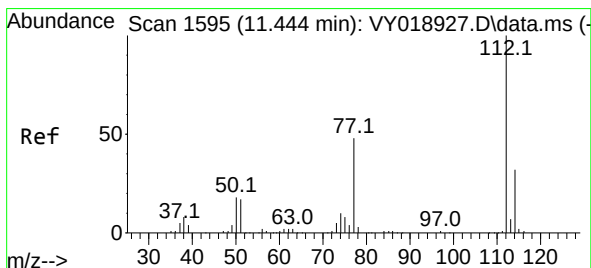
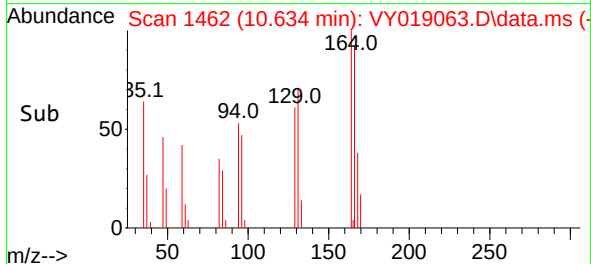
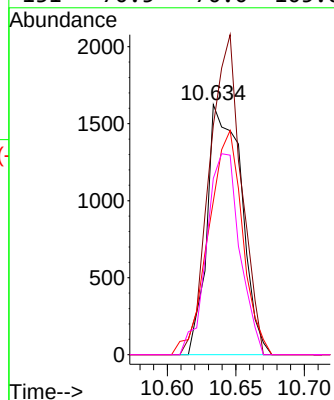
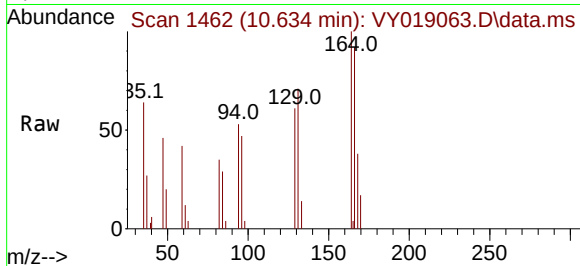




#64
Tetrachloroethene
Concen: 22.572 ug/l
RT: 10.634 min Scan# 1462
Delta R.T. -0.018 min
Lab File: VY019063.D
Acq: 14 Aug 2024 17:05

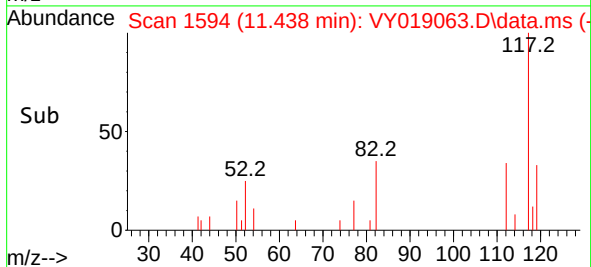
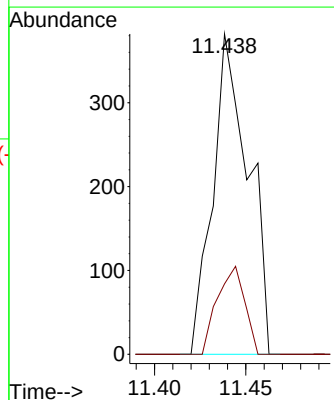
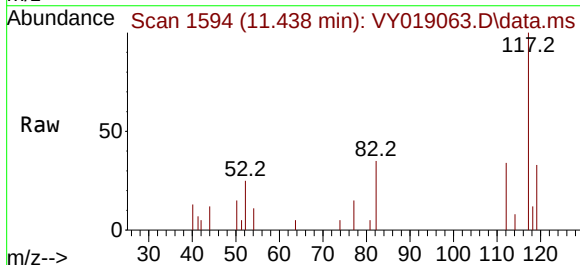
Instrument :
MSVOA_Y
ClientSampleId :
925-K1-SD-0-0.5-081224

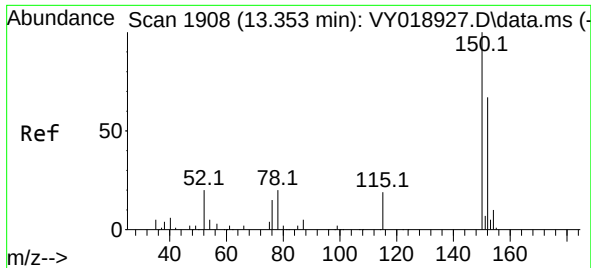
Tgt Ion:164	Resp:	2818
Ion	Ratio	Lower Upper
164	100	
166	91.7	102.6 154.0#
129	61.4	72.0 108.0#
131	70.5	70.0 105.0



#65
Chlorobenzene
Concen: 1.578 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY019063.D
Acq: 14 Aug 2024 17:05

Tgt Ion:112	Resp:	516
Ion	Ratio	Lower Upper
112	100	
114	22.0	26.4 39.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019063.D

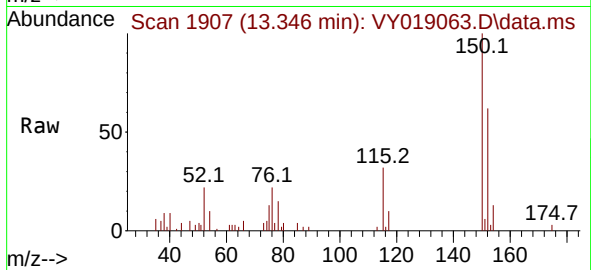
Acq: 14 Aug 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

925-K1-SD-0-0.5-081224



Tgt Ion:152 Resp: 3809

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 154.0 0.0 345.6

