

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017864.D
 Acq On : 05 Apr 2024 12:33
 Operator : SY/MD
 Sample : P2001-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-846-G3-SO-13-040424

Quant Time: Apr 05 15:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

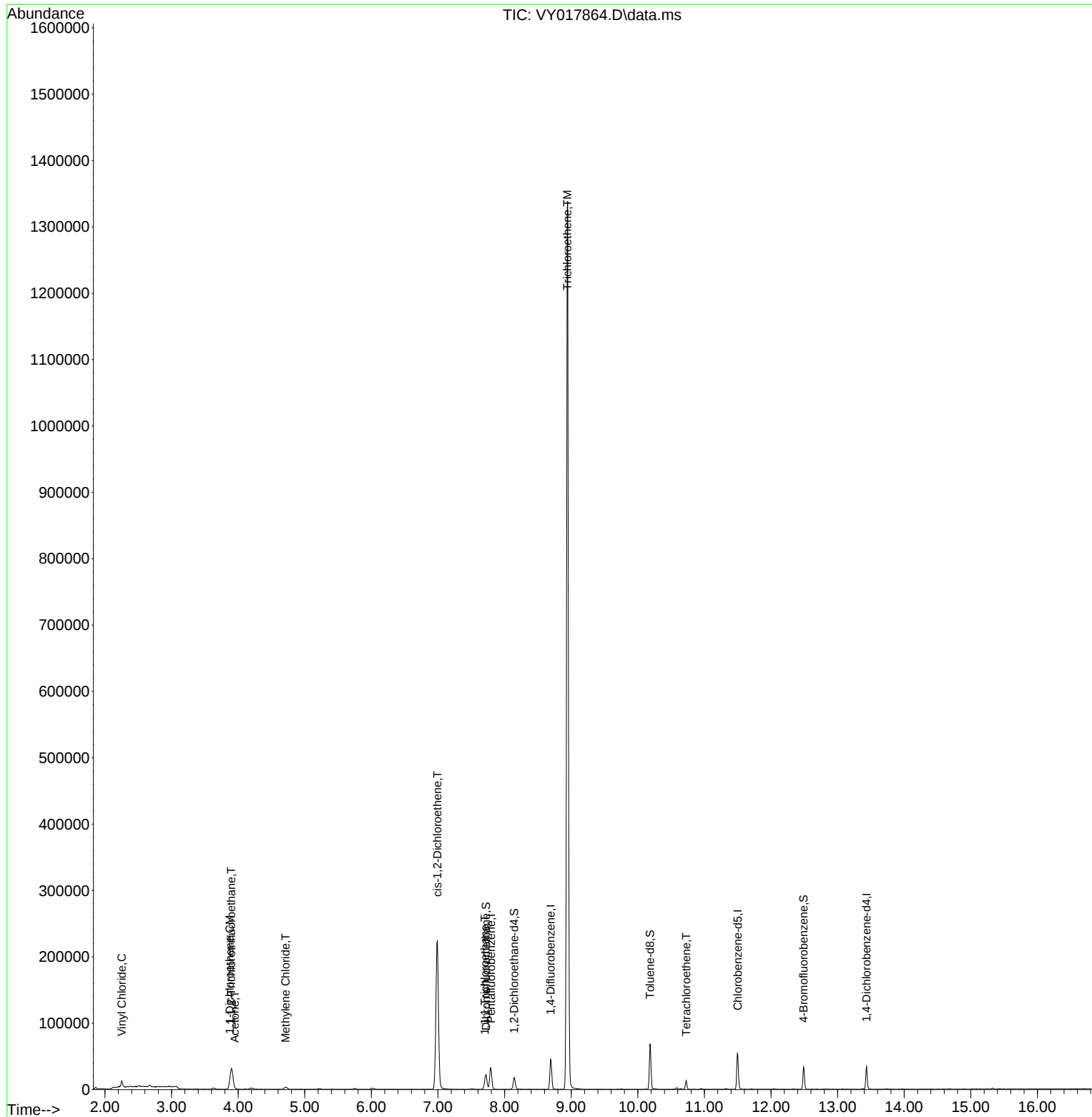
Internal Standards						
1) Pentafluorobenzene	7.795	168	26659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	39427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	31075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12699	55.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.100%
35) Dibromofluoromethane	7.722	113	13849	60.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.580%
50) Toluene-d8	10.185	98	45204	53.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.240%
62) 4-Bromofluorobenzene	12.489	95	8930	34.489	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.980%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	8457	18.597	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	20604	77.472	ug/l	96
12) 1,1-Dichloroethene	3.875	96	1603	6.441	ug/l	83
16) Acetone	3.948	43	1257	26.360	ug/l #	77
20) Methylene Chloride	4.710	84	2491	6.199	ug/l #	92
27) cis-1,2-Dichloroethene	6.990	96	147084	467.318	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	3434	8.302	ug/l	95
44) Trichloroethene	8.941	130	456836	1714.007	ug/l	98
64) Tetrachloroethene	10.727	164	2677	9.877	ug/l	92

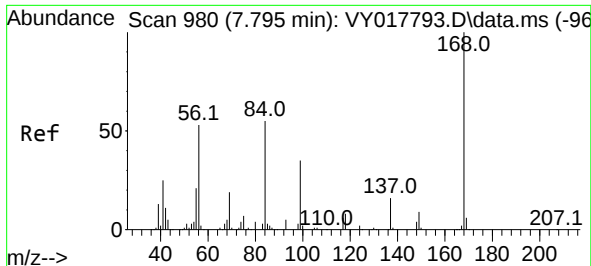
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

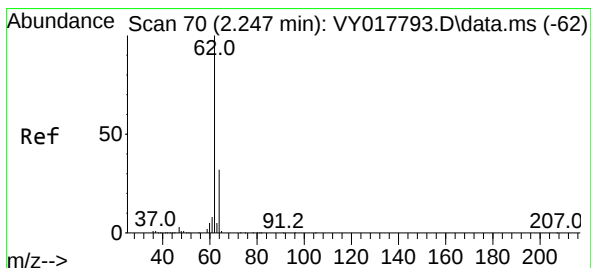
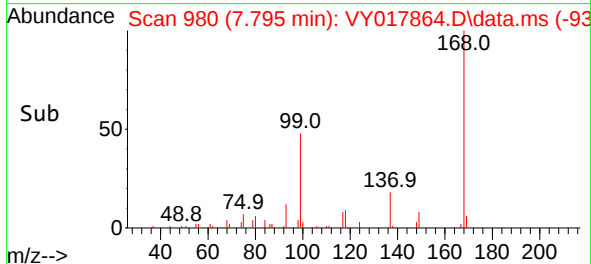
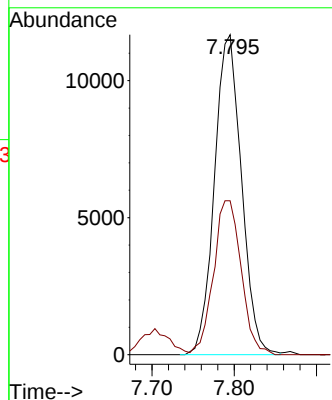
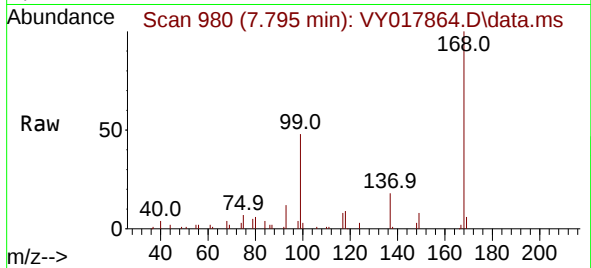




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017864.D
Acq: 05 Apr 2024 12:33

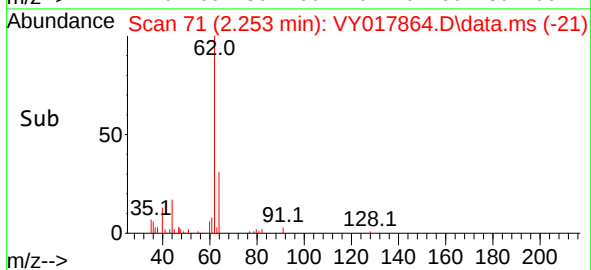
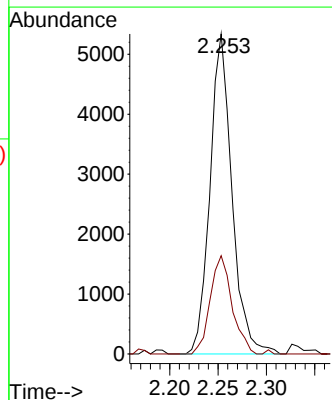
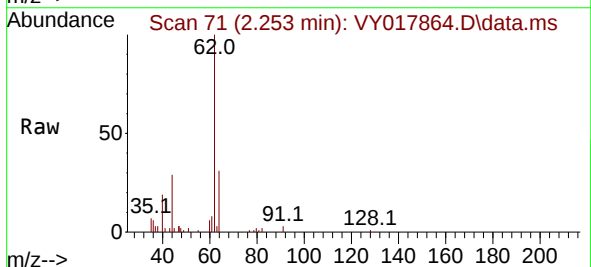
Instrument :
MSVOA_Y
ClientSampleId :
S-846-G3-SO-13-040424

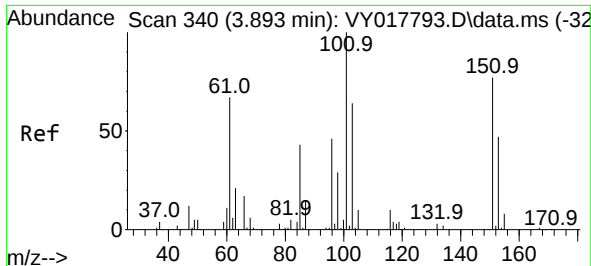
Tgt Ion:168 Resp: 26659
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#4
Vinyl Chloride
Concen: 18.597 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017864.D
Acq: 05 Apr 2024 12:33

Tgt Ion: 62 Resp: 8457
Ion Ratio Lower Upper
62 100
64 30.7 26.1 39.1

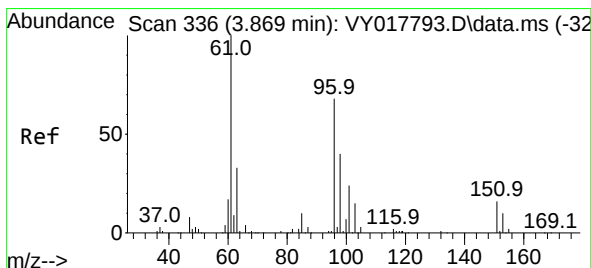
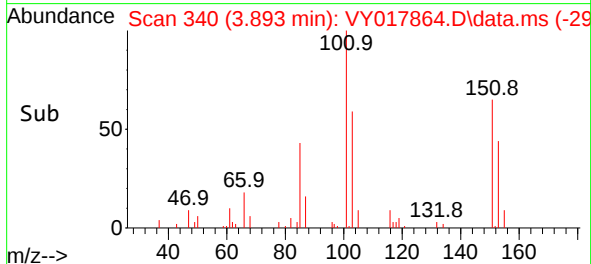
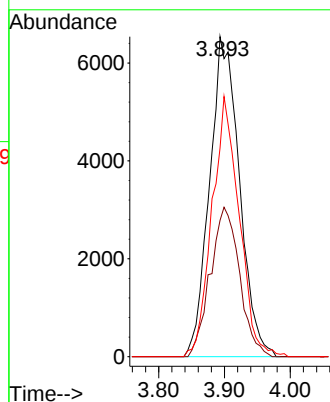
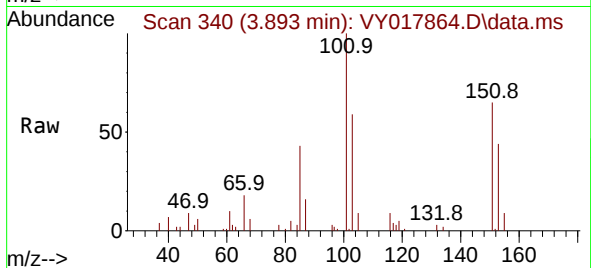




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 77.472 ug/l
 RT: 3.893 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VY017864.D
 Acq: 05 Apr 2024 12:33

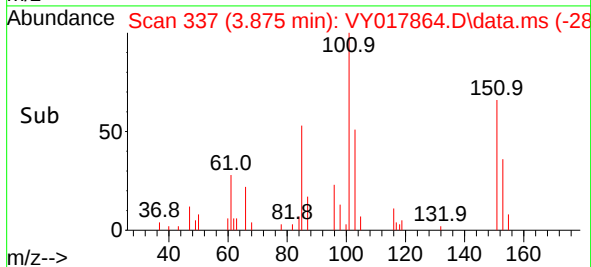
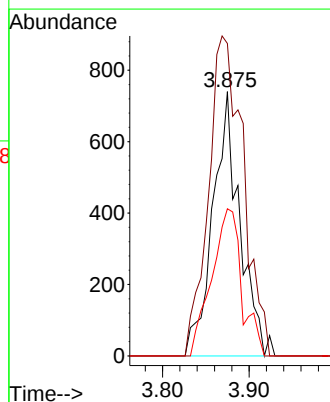
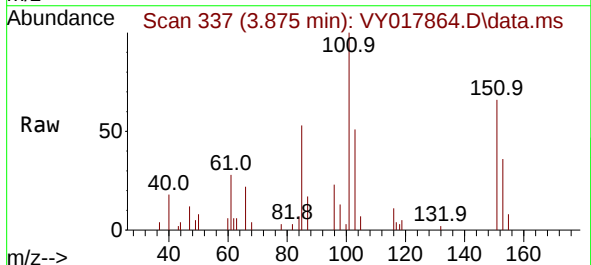
Instrument :
 MSVOA_Y
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 S-846-G3-SO-13-040424

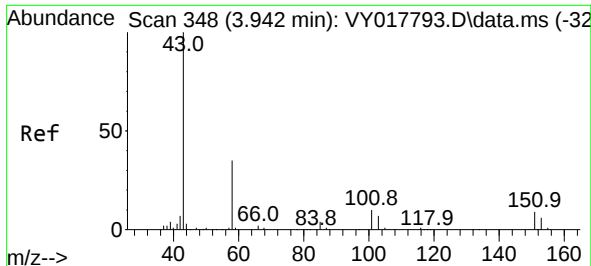
Tgt Ion:101 Resp: 20604
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.5 51.7
 151 74.2 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 6.441 ug/l
 RT: 3.875 min Scan# 337
 Delta R.T. 0.006 min
 Lab File: VY017864.D
 Acq: 05 Apr 2024 12:33

Tgt Ion: 96 Resp: 1603
 Ion Ratio Lower Upper
 96 100
 61 118.2 114.6 171.8
 98 55.7 50.8 76.2





#16

Acetone

Concen: 26.360 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017864.D

Acq: 05 Apr 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

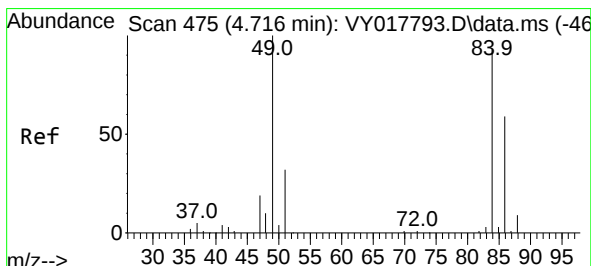
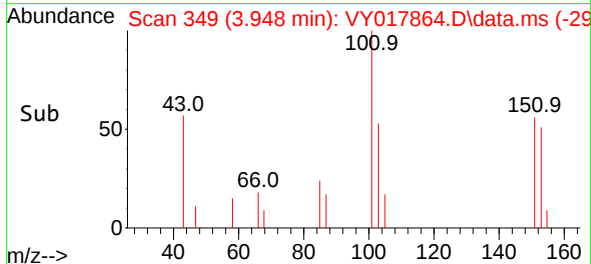
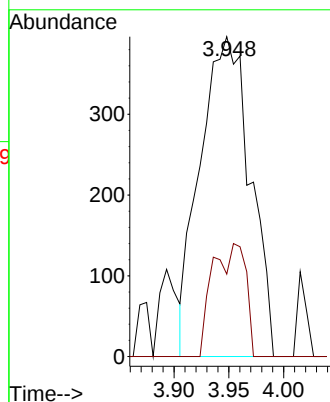
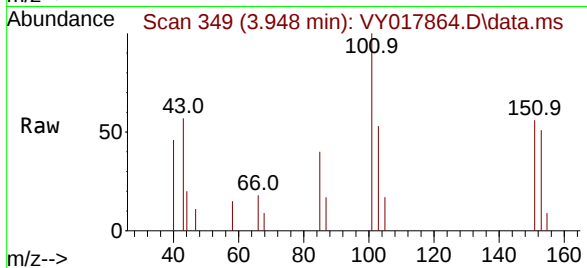
S-846-G3-SO-13-040424

Tgt Ion: 43 Resp: 1257

Ion Ratio Lower Upper

43 100

58 25.8 31.7 47.5#



#20

Methylene Chloride

Concen: 6.199 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY017864.D

Acq: 05 Apr 2024 12:33

Tgt Ion: 84 Resp: 2491

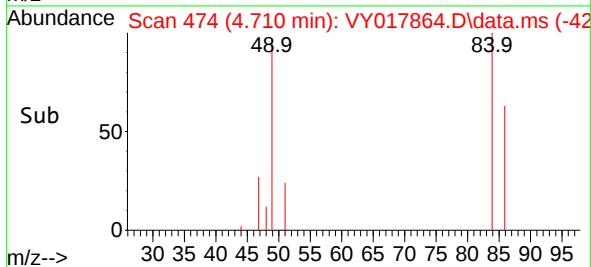
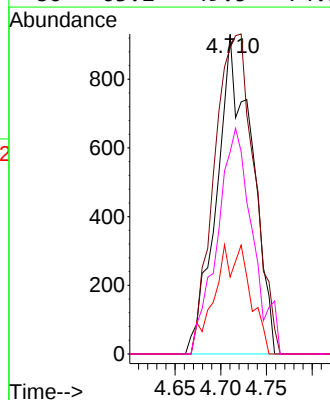
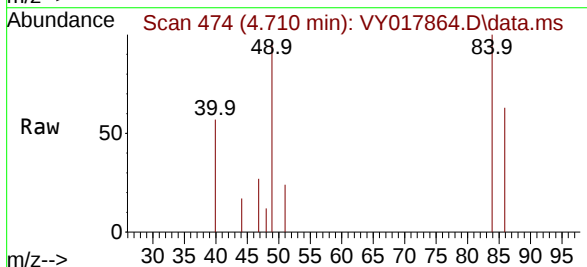
Ion Ratio Lower Upper

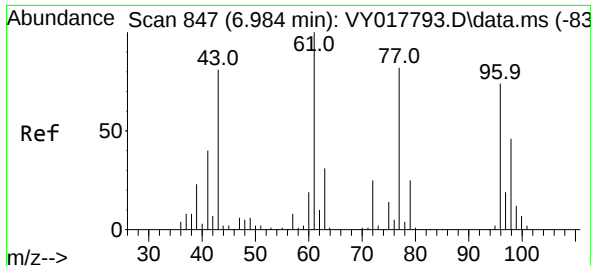
84 100

49 95.8 84.4 126.6

51 24.1 26.0 39.0#

86 63.2 49.5 74.3

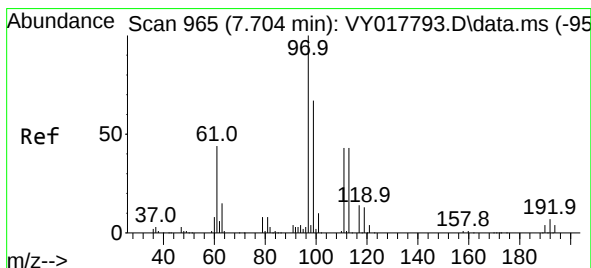
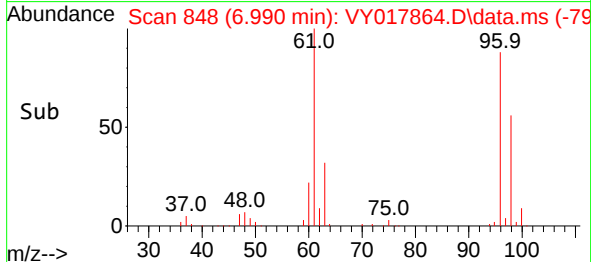
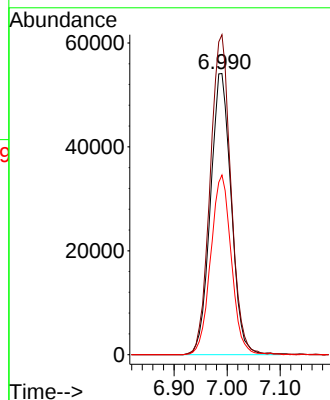
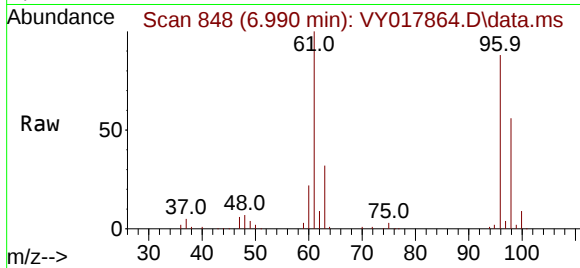




#27
 cis-1,2-Dichloroethene
 Concen: 467.318 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY017864.D
 Acq: 05 Apr 2024 12:33

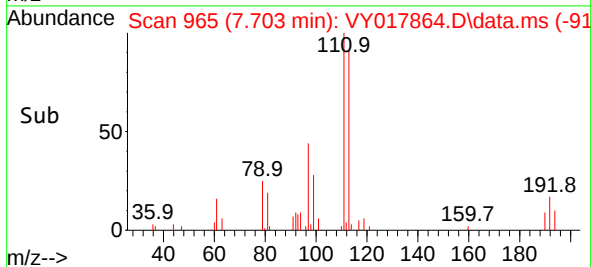
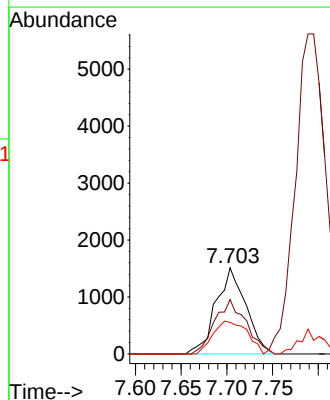
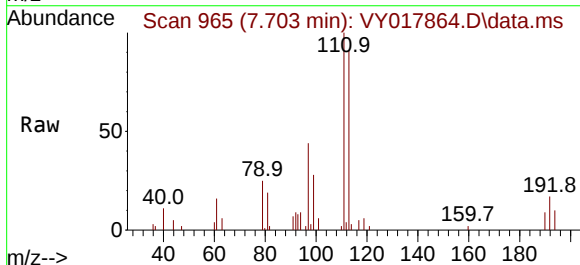
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-846-G3-SO-13-040424

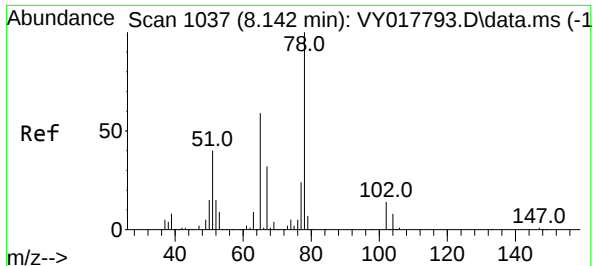
Tgt Ion: 96 Resp: 147084
 Ion Ratio Lower Upper
 96 100
 61 113.6 0.0 256.2
 98 63.4 0.0 130.0



#32
 1,1,1-Trichloroethane
 Concen: 8.302 ug/l
 RT: 7.703 min Scan# 965
 Delta R.T. -0.000 min
 Lab File: VY017864.D
 Acq: 05 Apr 2024 12:33

Tgt Ion: 97 Resp: 3434
 Ion Ratio Lower Upper
 97 100
 99 66.1 50.3 75.5
 61 44.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.048 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017864.D

Acq: 05 Apr 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

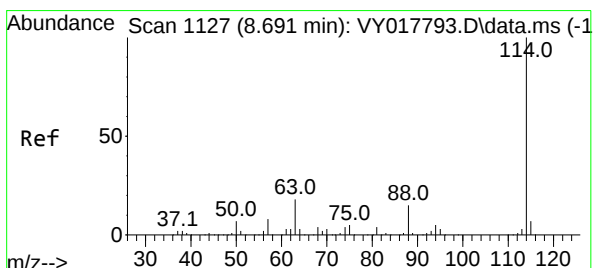
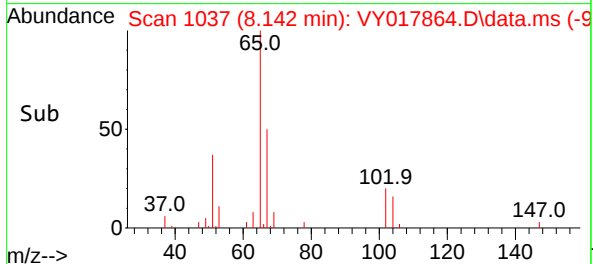
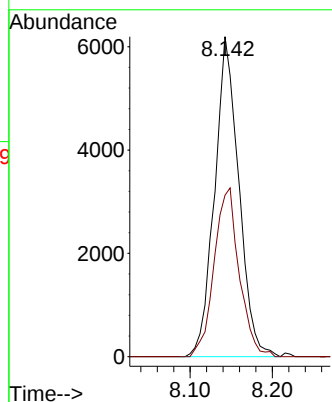
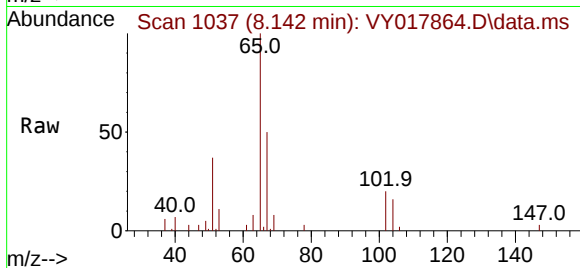
S-846-G3-SO-13-040424

Tgt Ion: 65 Resp: 12699

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017864.D

Acq: 05 Apr 2024 12:33

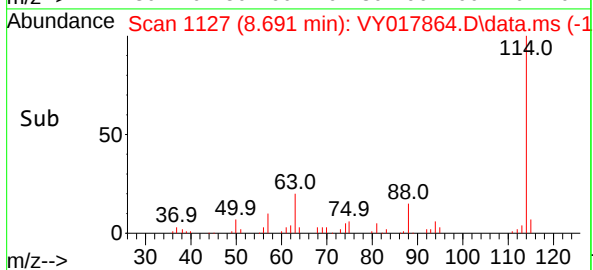
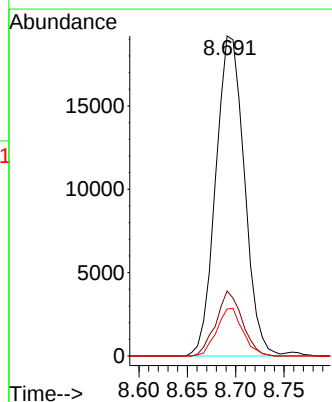
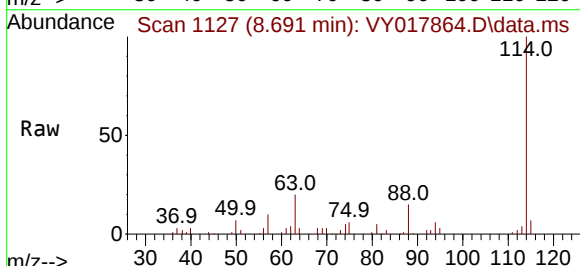
Tgt Ion: 114 Resp: 39427

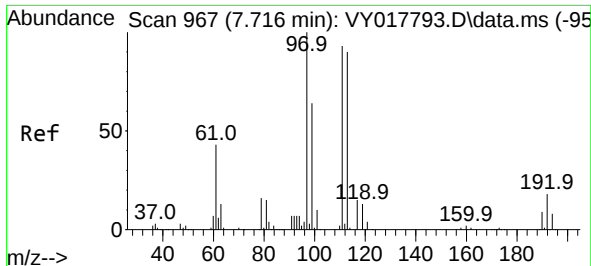
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

88 14.7 0.0 27.2

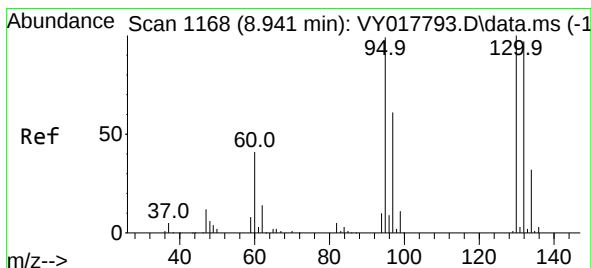
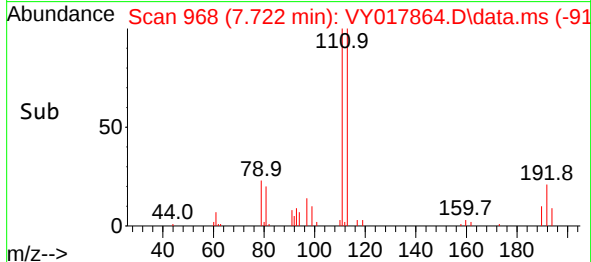
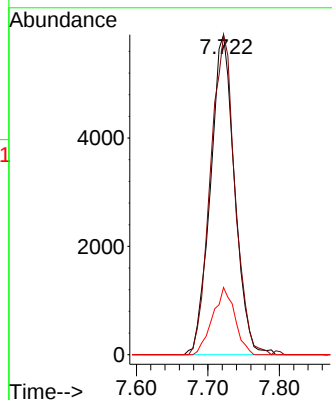
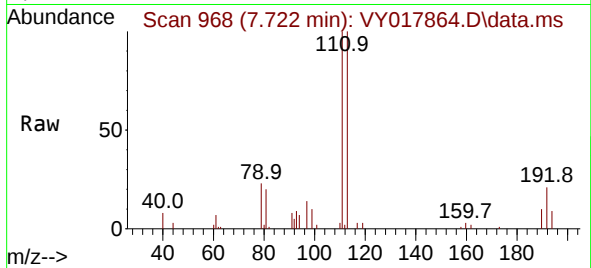




#35
Dibromofluoromethane
Concen: 60.787 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017864.D
Acq: 05 Apr 2024 12:33

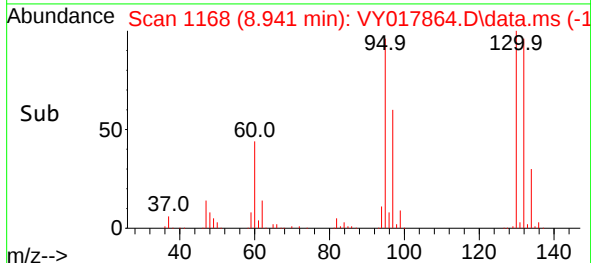
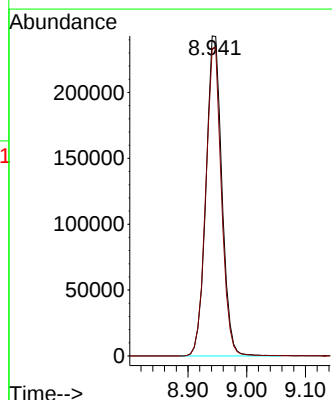
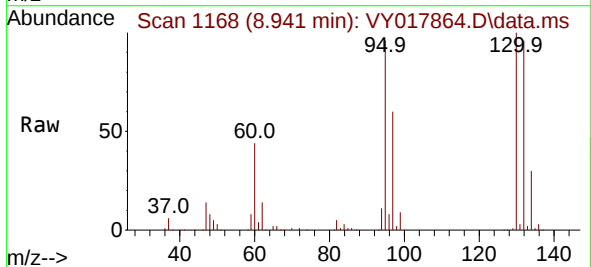
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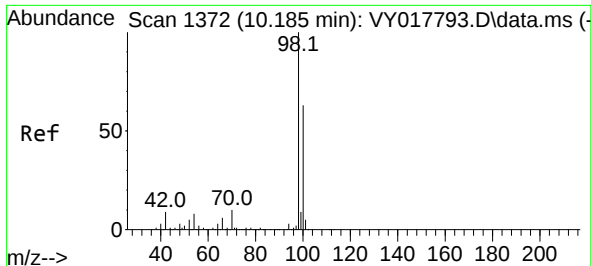
Tgt Ion:113 Resp: 13849
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 19.3 15.9 23.9



#44
Trichloroethene
Concen: 1714.007 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY017864.D
Acq: 05 Apr 2024 12:33

Tgt Ion:130 Resp: 456836
Ion Ratio Lower Upper
130 100
95 96.1 0.0 188.0

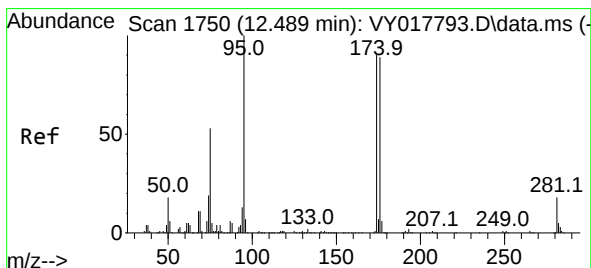
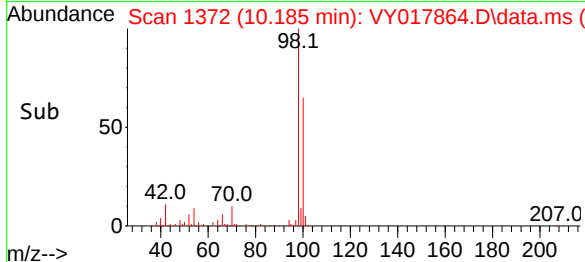
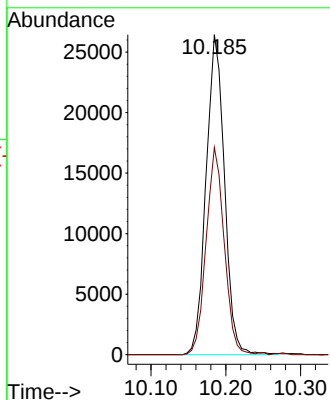
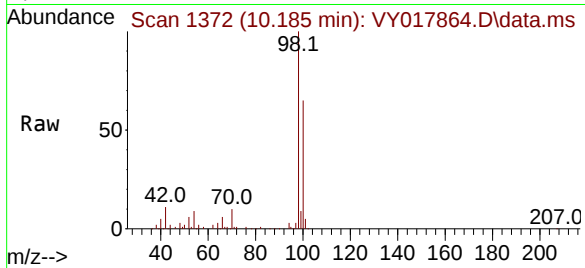




#50
Toluene-d8
Concen: 53.117 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017864.D
Acq: 05 Apr 2024 12:33

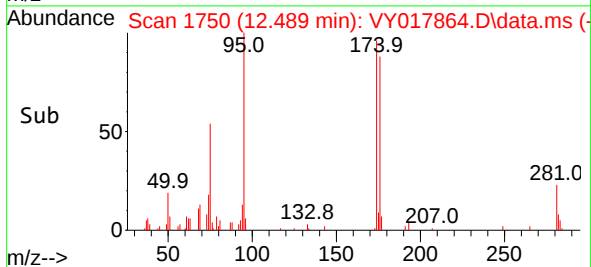
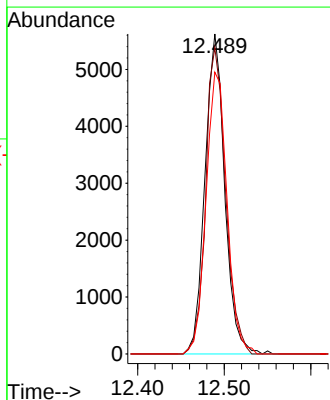
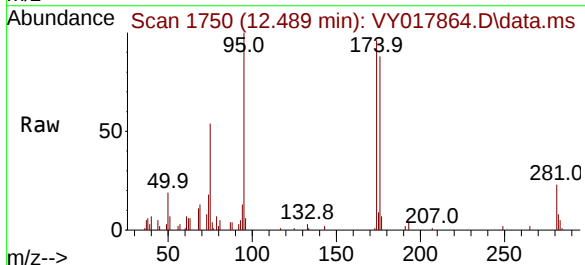
Instrument :
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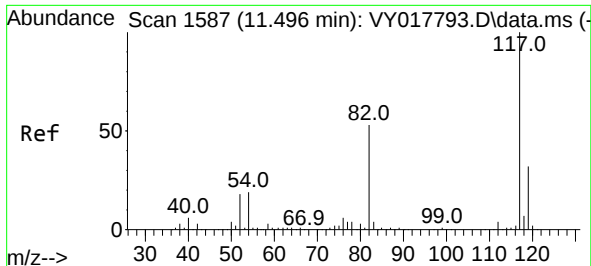
Tgt Ion: 98 Resp: 45204
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.489 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017864.D
Acq: 05 Apr 2024 12:33

Tgt Ion: 95 Resp: 8930
Ion Ratio Lower Upper
95 100
174 96.5 0.0 175.6
176 93.4 0.0 171.4

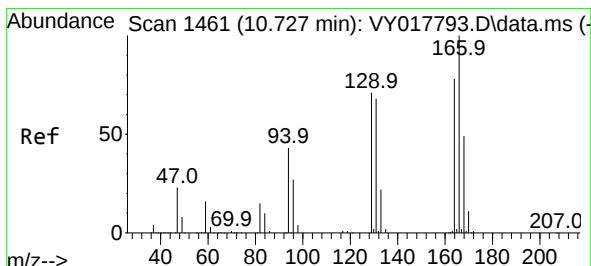
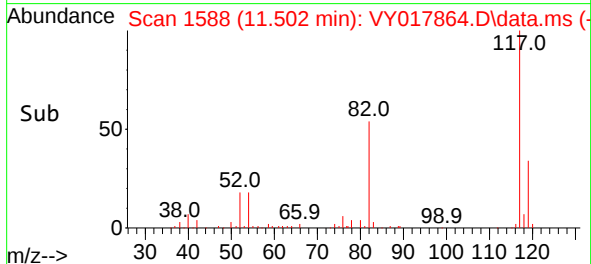
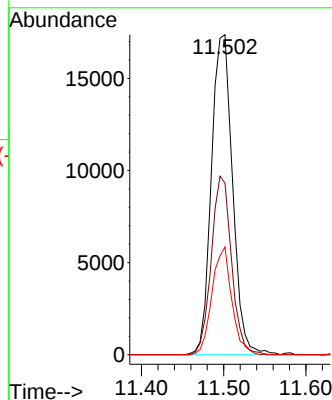
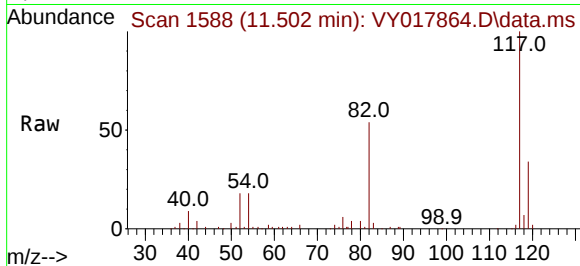




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. 0.006 min
Lab File: VY017864.D
Acq: 05 Apr 2024 12:33

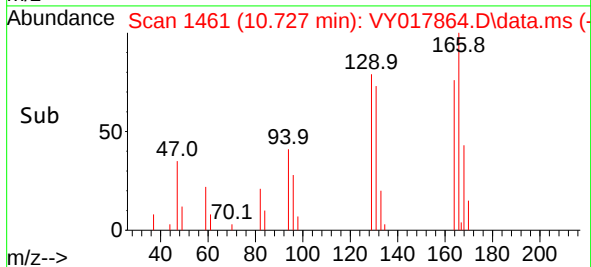
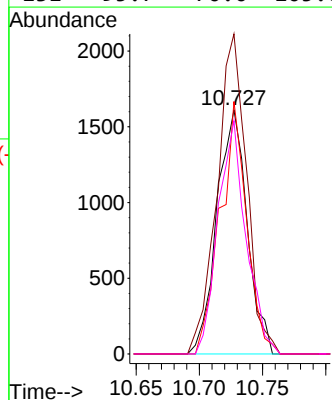
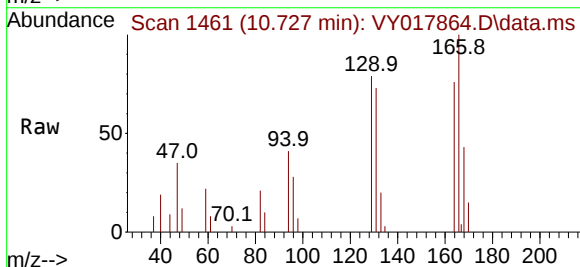
Instrument :
MSVOA_Y
ClientSampleId :
S-846-G3-SO-13-040424

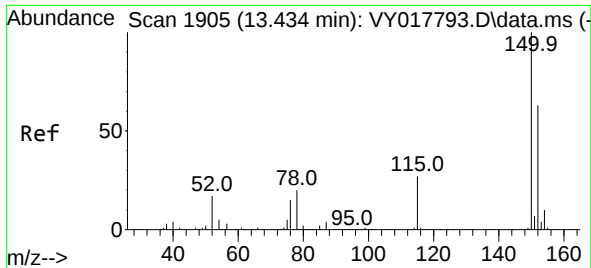
Tgt Ion:	117	Resp:	31075
Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.4	63.6
119	33.6	25.9	38.9



#64
Tetrachloroethene
Concen: 9.877 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY017864.D
Acq: 05 Apr 2024 12:33

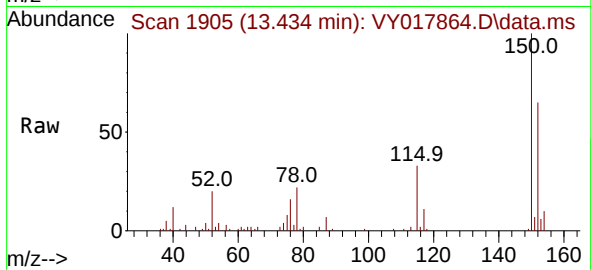
Tgt Ion:	164	Resp:	2677
Ion	Ratio	Lower	Upper
164	100		
166	131.2	102.6	154.0
129	103.5	72.0	108.0
131	95.7	70.0	105.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY017864.D
 Acq: 05 Apr 2024 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-846-G3-SO-13-040424



Tgt Ion:	152	Resp:	8993
Ion Ratio	Lower	Upper	
152	100		
115	52.6	28.2	84.7
150	155.2	0.0	345.6

