

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018819.D
 Acq On : 15 Jul 2024 17:49
 Operator : SY/MD
 Sample : P3208-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 16 01:28:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	156889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	279563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	259707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111234	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	80878	52.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.780%
35) Dibromofluoromethane	7.704	113	31846	18.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.380%#
50) Toluene-d8	10.173	98	319924	48.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.477	95	110562	48.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.600%

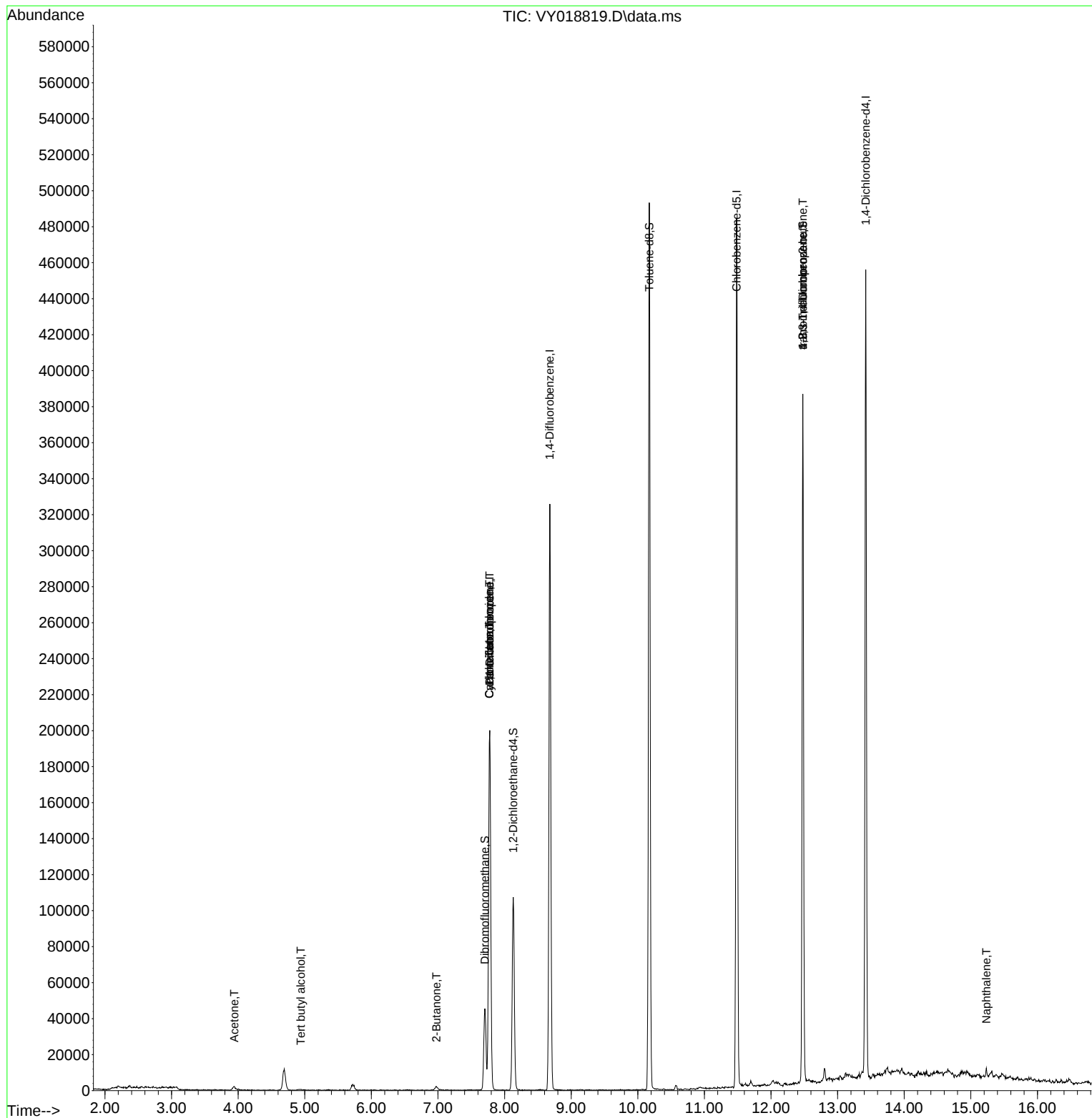
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	297	1.899	ug/l #	88
16) Acetone	3.942	43	3557	12.497	ug/l #	77
25) 2-Butanone	6.978	43	563	1.411	ug/l #	41
31) Cyclohexane	7.771	56	3392	1.430	ug/l #	48
36) 1,1-Dichloropropene	7.777	75	11502	4.760	ug/l #	48
38) Carbon Tetrachloride	7.771	117	15510	5.329	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	58783	67.473	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58783	151.009	ug/l #	16
95) Naphthalene	15.233	128	3673	1.064	ug/l #	90

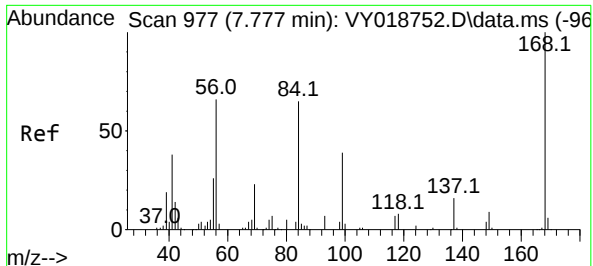
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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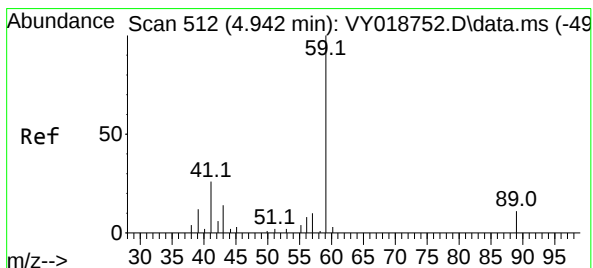
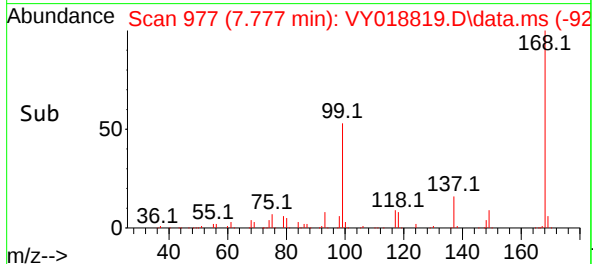
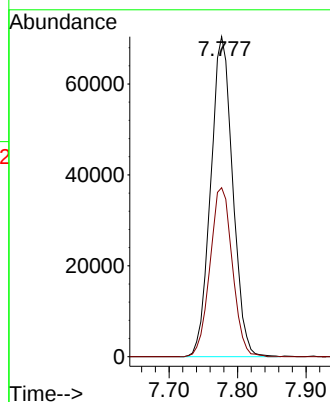
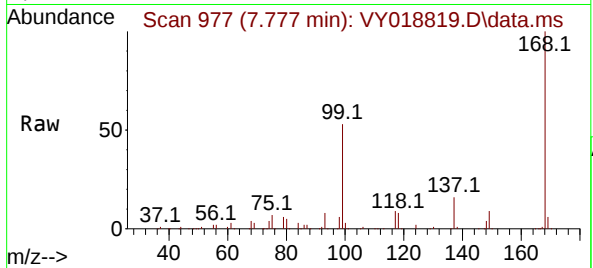




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

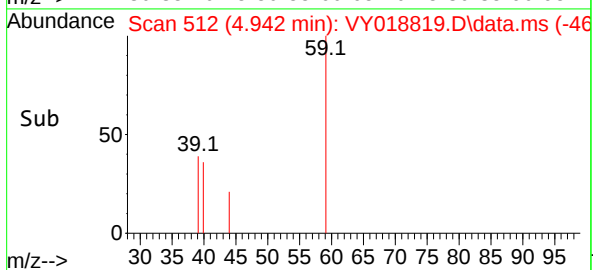
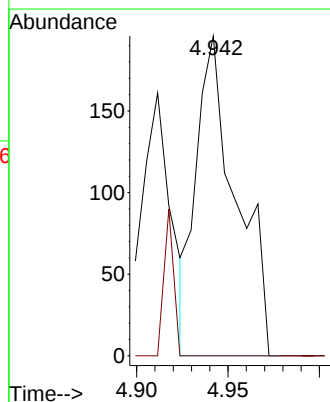
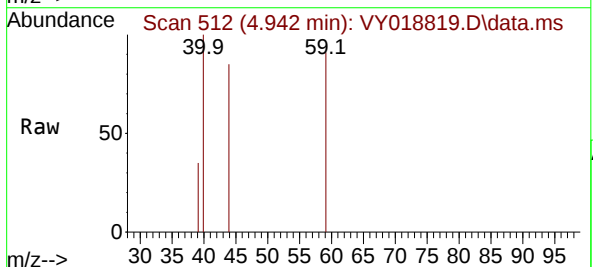
Instrument :
MSVOA_Y
ClientSampleId :

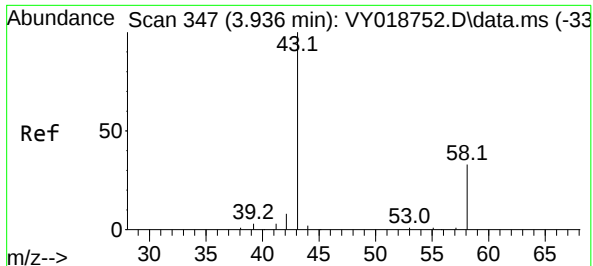
Tgt Ion:168 Resp: 156889
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.899 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 12.497 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY018819.D

Acq: 15 Jul 2024 17:49

Instrument :

MSVOA_Y

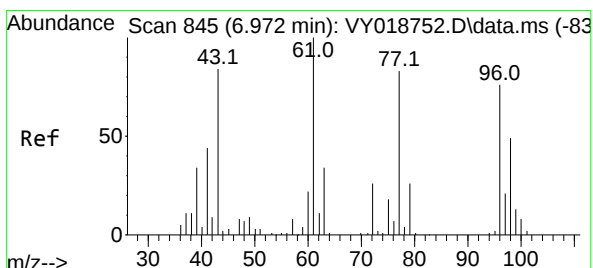
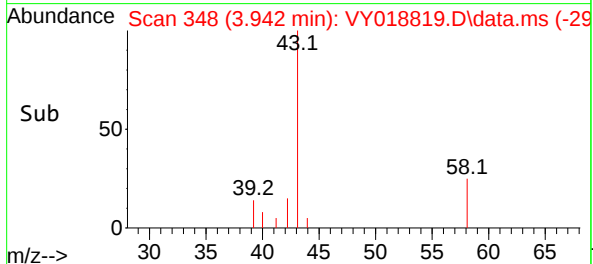
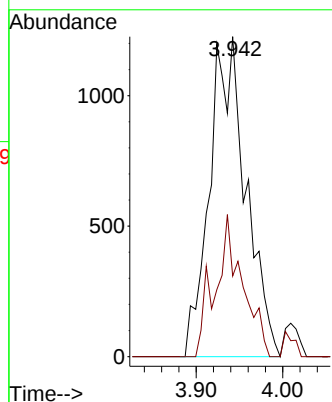
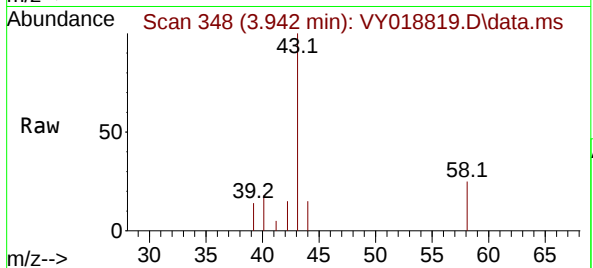
ClientSampleId :

Tgt Ion: 43 Resp: 3557

Ion Ratio Lower Upper

43 100

58 25.2 31.7 47.5#



#25

2-Butanone

Concen: 1.411 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY018819.D

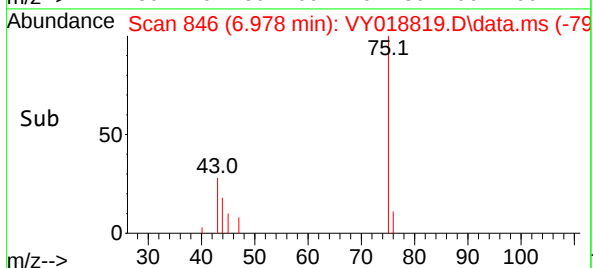
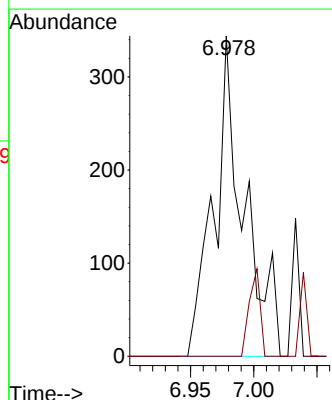
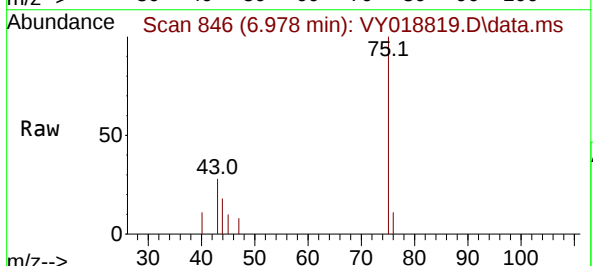
Acq: 15 Jul 2024 17:49

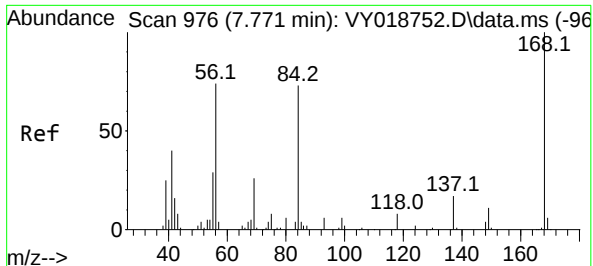
Tgt Ion: 43 Resp: 563

Ion Ratio Lower Upper

43 100

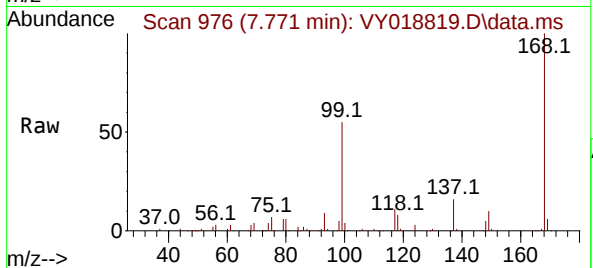
72 0.0 27.3 40.9#



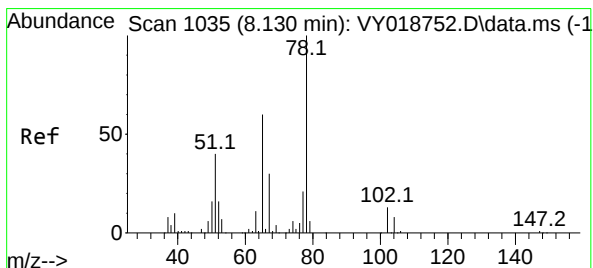
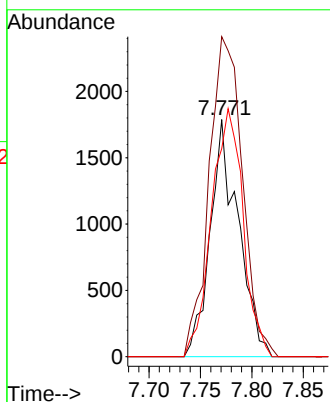
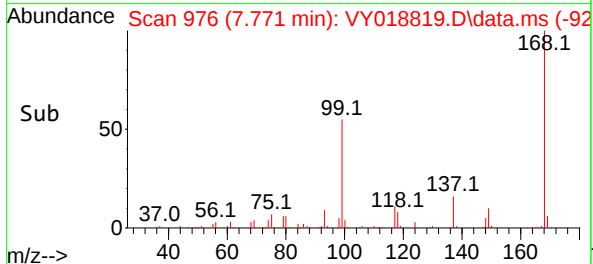


#31
Cyclohexane
Concen: 1.430 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

Instrument :
MSVOA_Y
ClientSampleId :

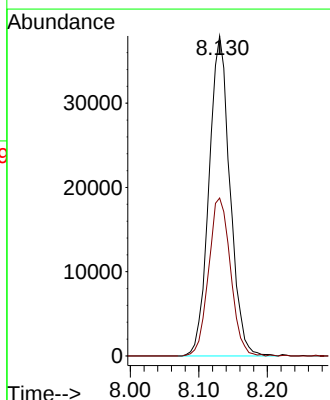
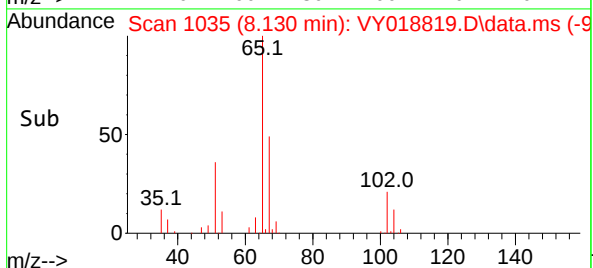
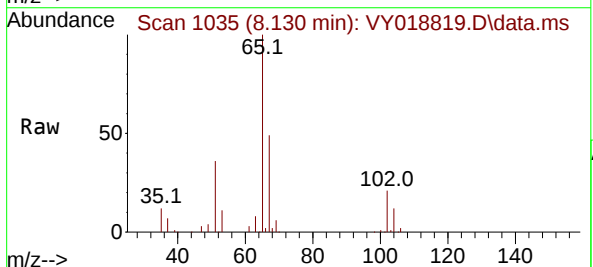


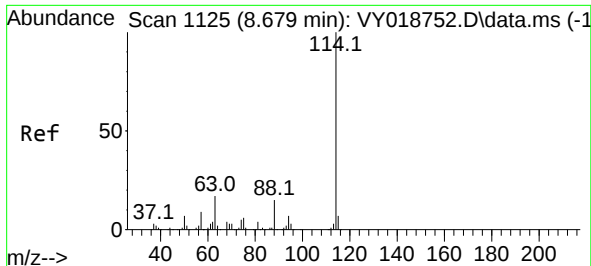
Tgt Ion: 56 Resp: 3392
Ion Ratio Lower Upper
56 100
69 135.0 28.7 43.1#
84 87.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 52.388 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

Tgt Ion: 65 Resp: 80878
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018819.D

Acq: 15 Jul 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

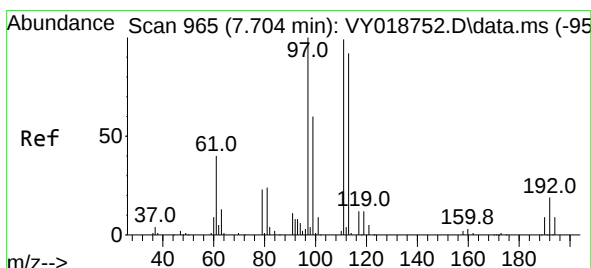
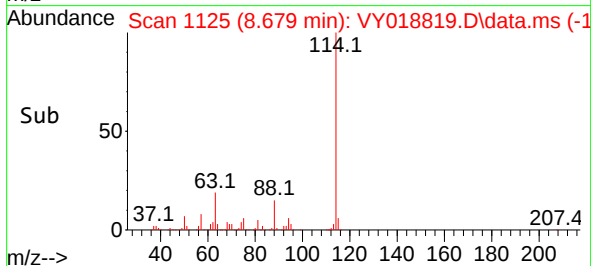
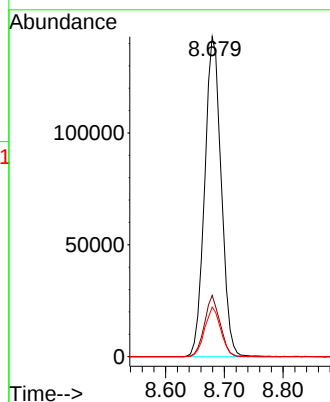
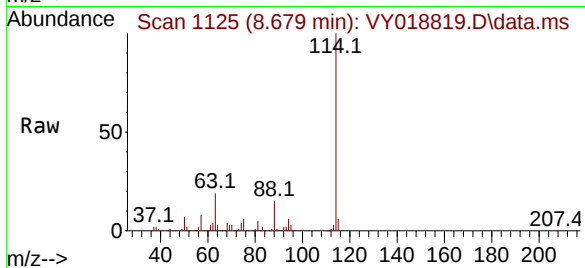
Tgt Ion:114 Resp: 279563

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 18.188 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018819.D

Acq: 15 Jul 2024 17:49

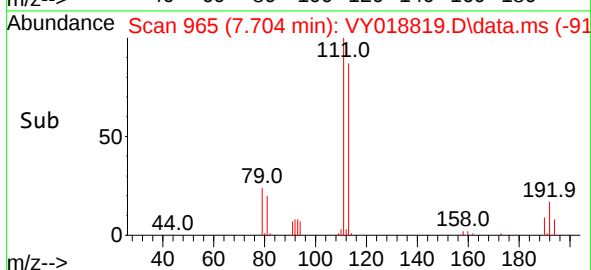
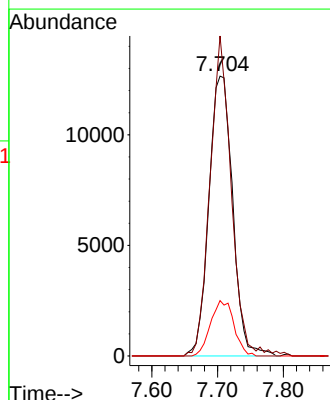
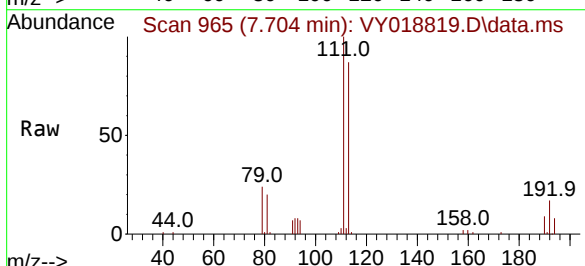
Tgt Ion:113 Resp: 31846

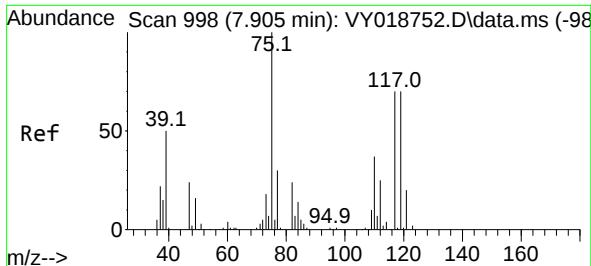
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 19.5 15.9 23.9

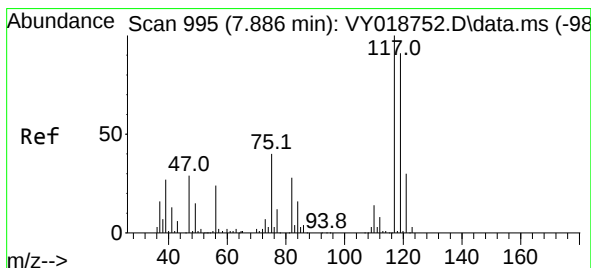
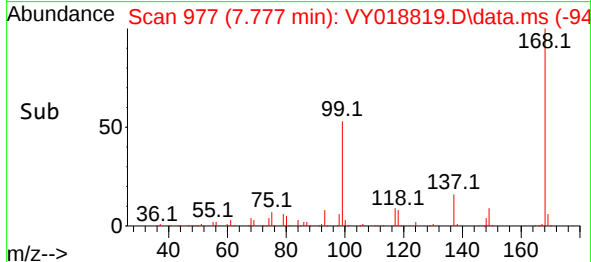
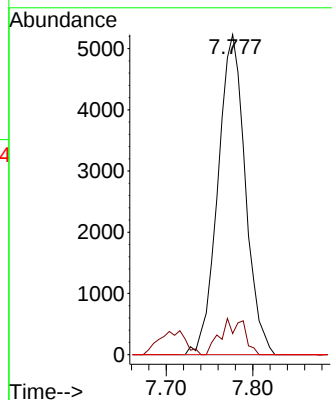
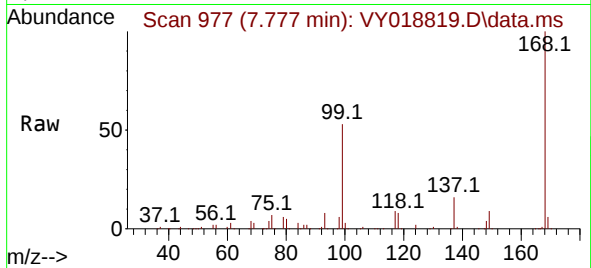




#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

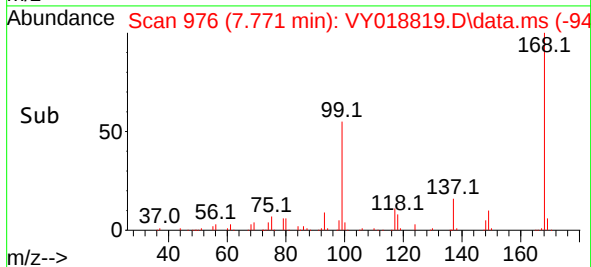
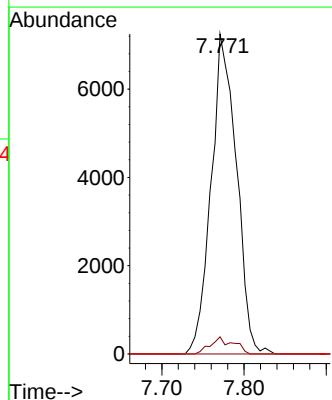
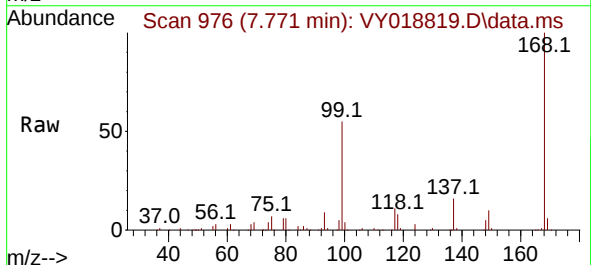
Instrument :
MSVOA_Y
ClientSampleId :

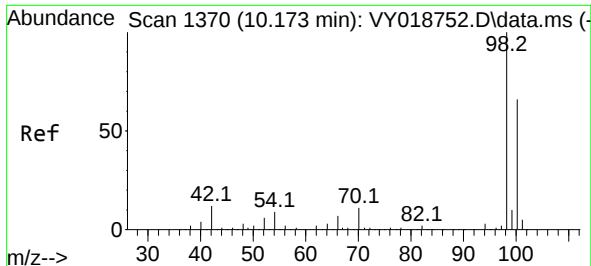
Tgt Ion: 75 Resp: 11502
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.116 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

Tgt Ion: 117 Resp: 15510
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#

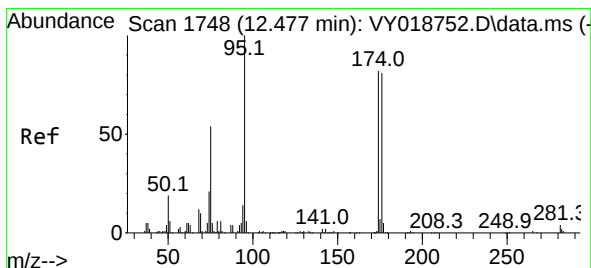
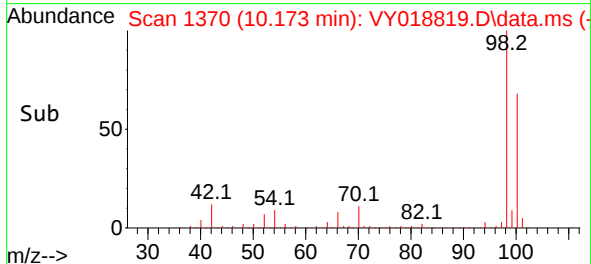
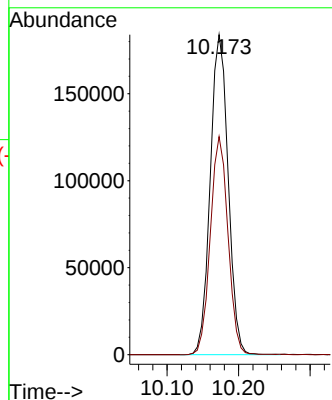
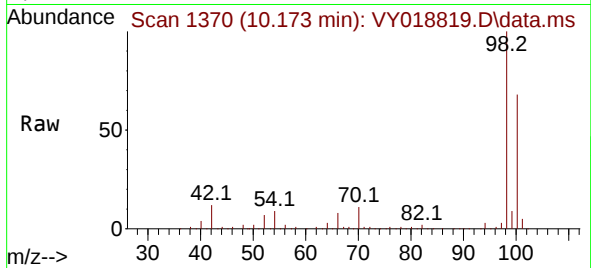




#50
Toluene-d8
Concen: 48.227 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

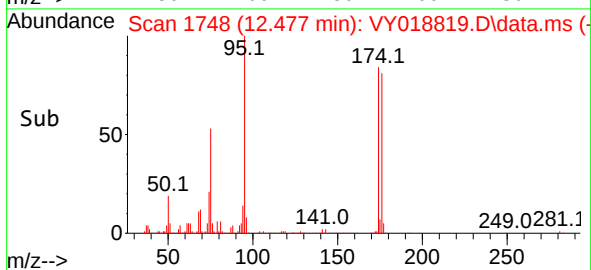
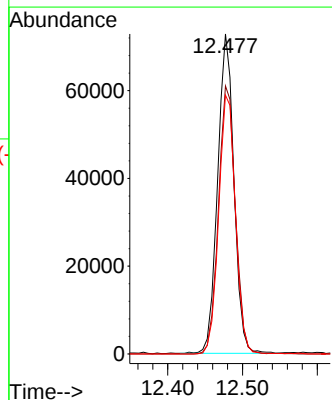
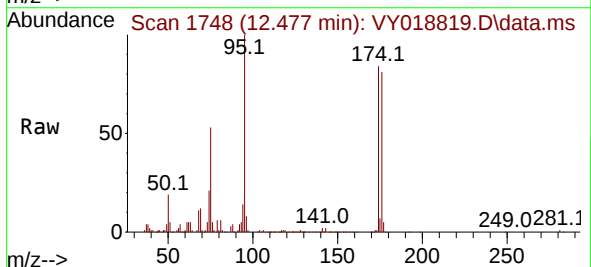
Instrument :
MSVOA_Y
ClientSampleId :

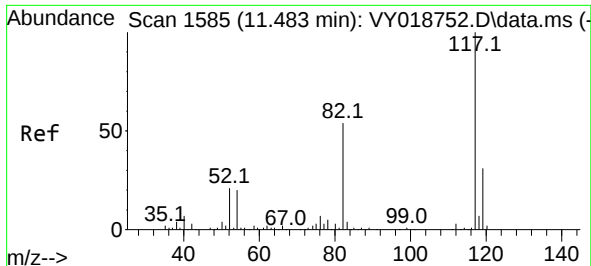
Tgt Ion: 98 Resp: 319924
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.804 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

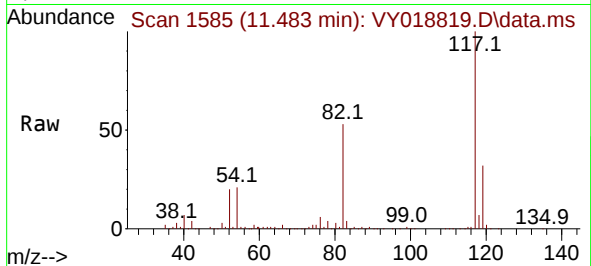
Tgt Ion: 95 Resp: 110562
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.6
176 83.6 0.0 171.4



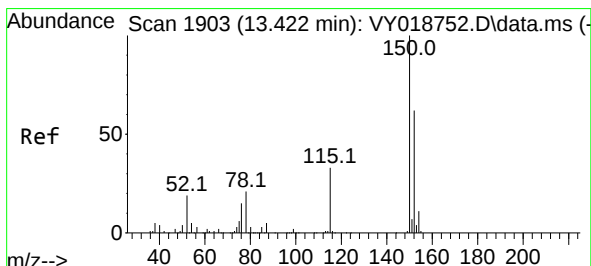
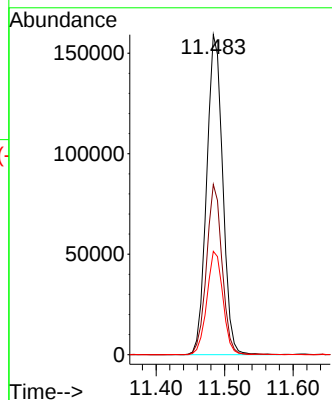
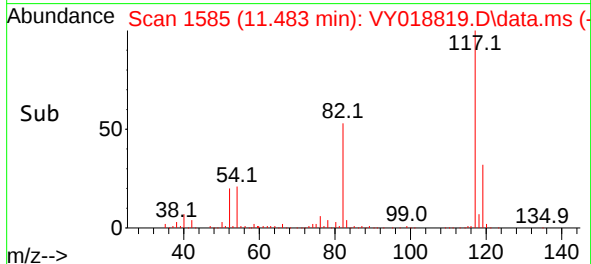


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

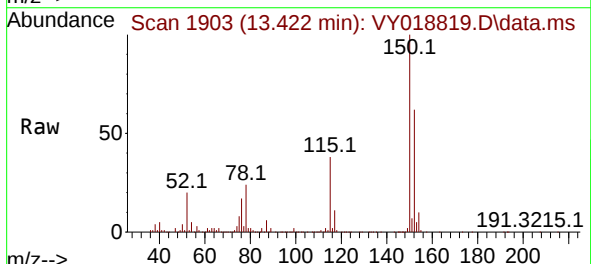
Instrument :
MSVOA_Y
ClientSampleId :



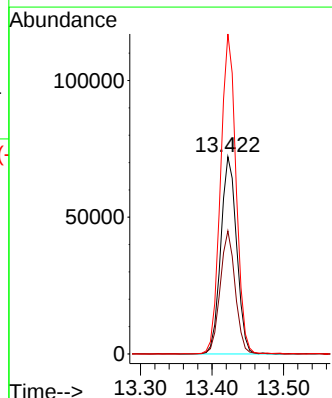
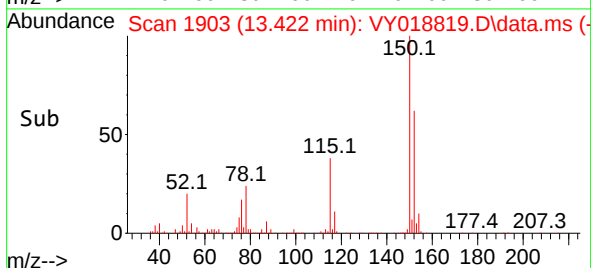
Tgt Ion:117 Resp: 259707
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 32.3 25.9 38.9

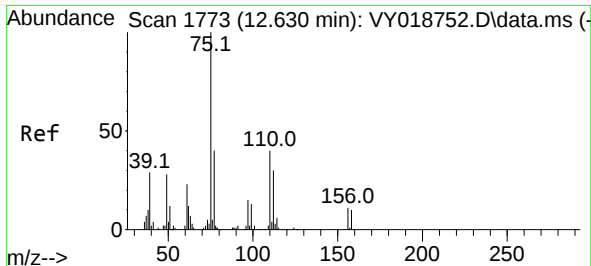


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49



Tgt Ion:152 Resp: 111234
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 158.6 0.0 345.6

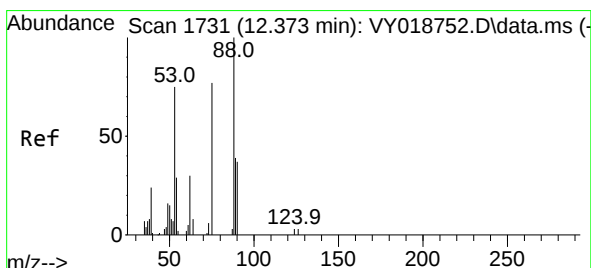
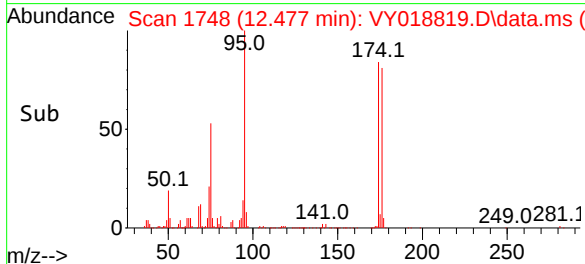
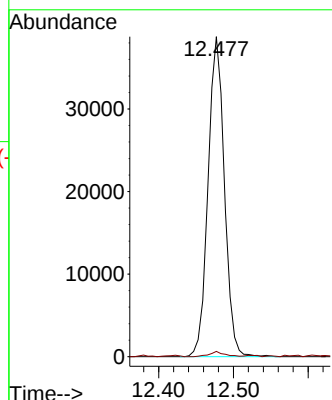
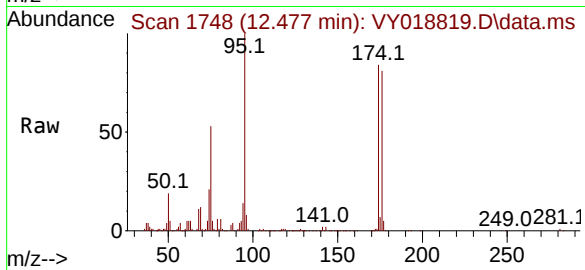




#76
1,2,3-Trichloropropane
Concen: 67.473 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

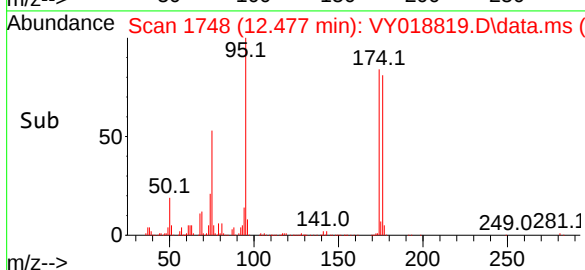
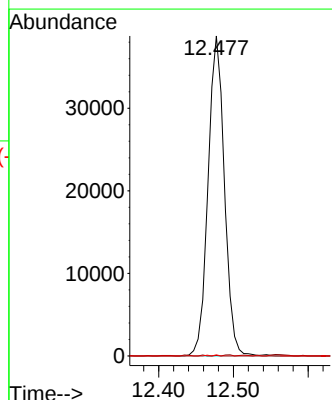
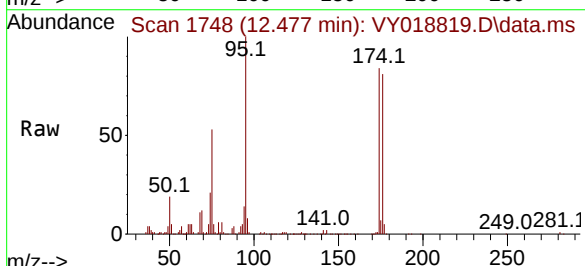
Instrument :
MSVOA_Y
ClientSampleId :

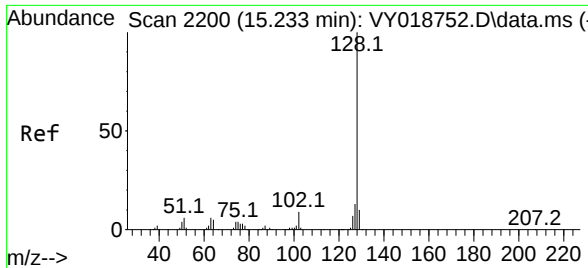
Tgt Ion: 75 Resp: 58783
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.009 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

Tgt Ion: 75 Resp: 58783
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 1.064 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018819.D
 Acq: 15 Jul 2024 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	128	Resp:	3673
Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.6	16.0#
129	15.3	8.6	13.0#

