

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018832.D
 Acq On : 16 Jul 2024 15:05
 Operator : SY/MD
 Sample : P3246-04
 Misc : 7.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 17 01:56:43 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	7.771	168	200901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	349905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	330237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	120392	60.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.800%
35) Dibromofluoromethane	7.698	113	114993	52.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.940%
50) Toluene-d8	10.173	98	403368	48.582	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.477	95	139760	49.290	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.580%

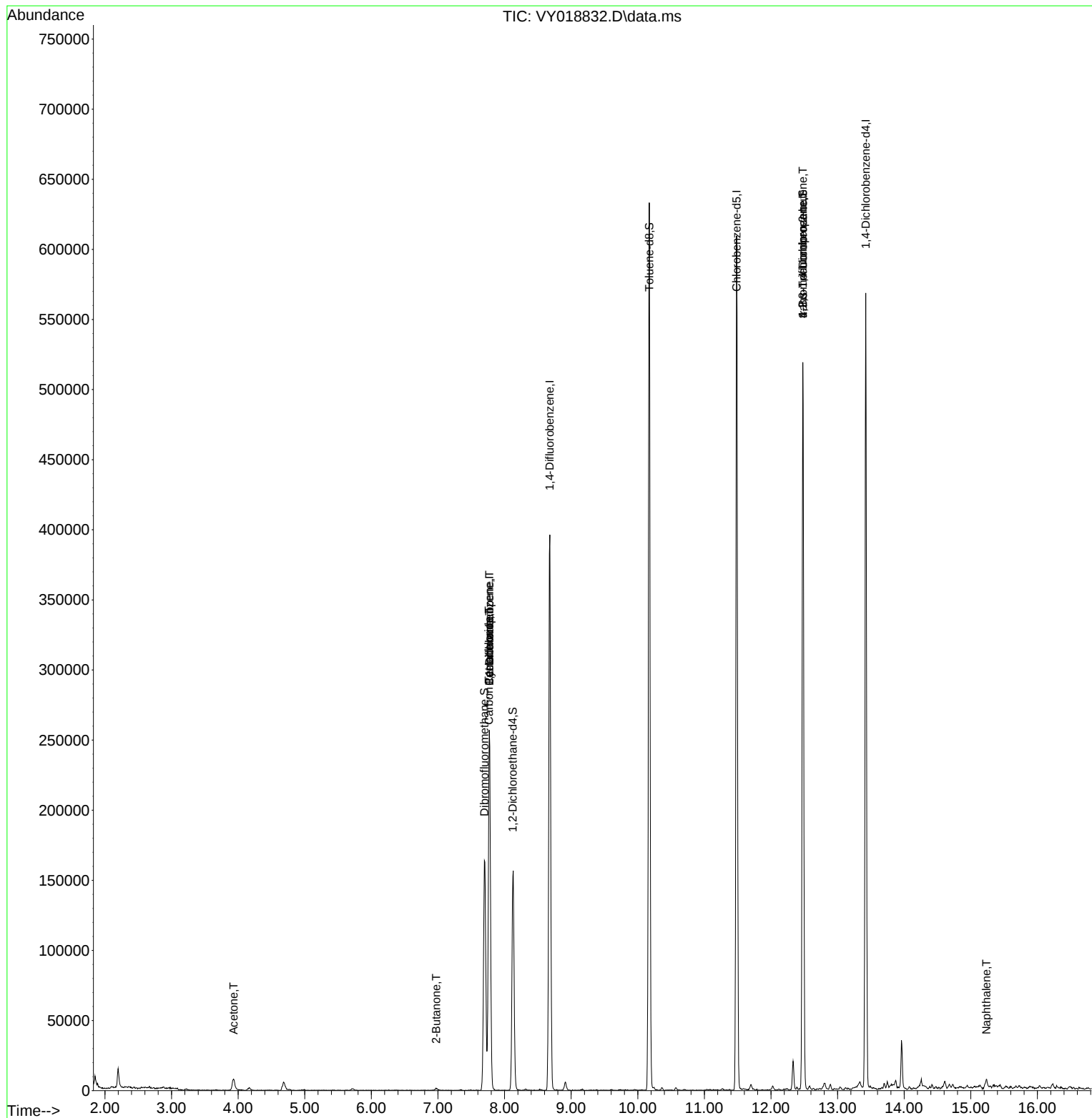
Target Compounds					Qvalue	
16) Acetone	3.930	43	14483	39.738	ug/l #	86
20) Methylene Chloride	4.680	84	3991	Below Cal		97
25) 2-Butanone	6.972	43	1792	3.508	ug/l #	65
31) Cyclohexane	7.771	56	4362	1.436	ug/l #	40
36) 1,1-Dichloropropene	7.771	75	14055	4.647	ug/l #	49
38) Carbon Tetrachloride	7.765	117	19508	5.355	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	77082	69.613	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	77082	155.798	ug/l #	16
95) Naphthalene	15.233	128	4508	1.027	ug/l	98

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

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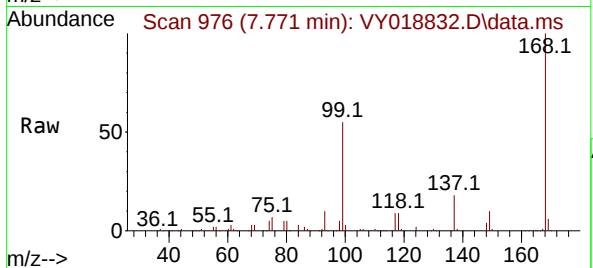
Quant Time: Jul 17 01:56:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



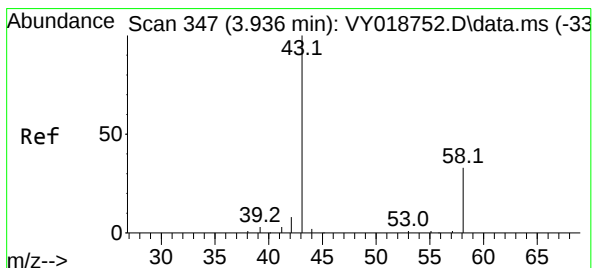
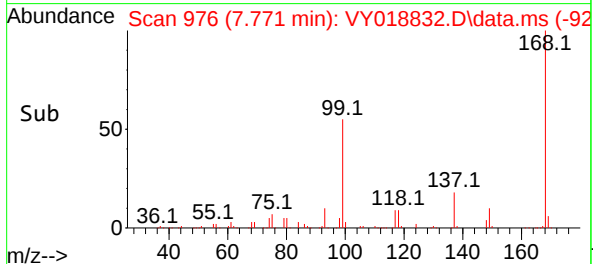
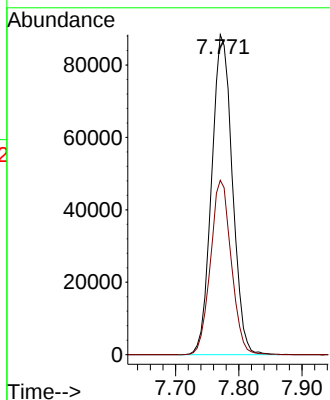


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

Instrument :
MSVOA_Y
ClientSampleId :

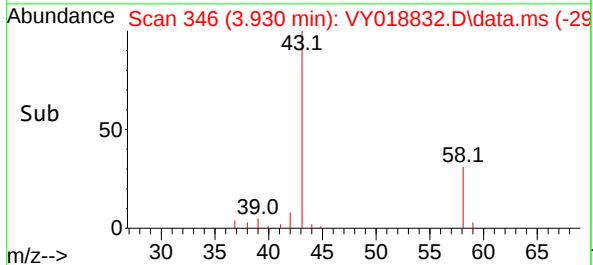
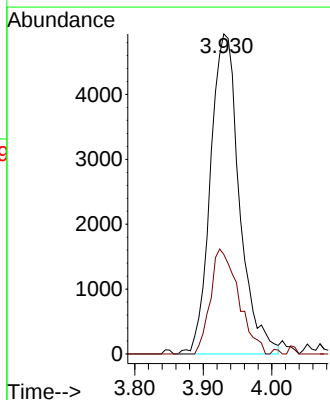
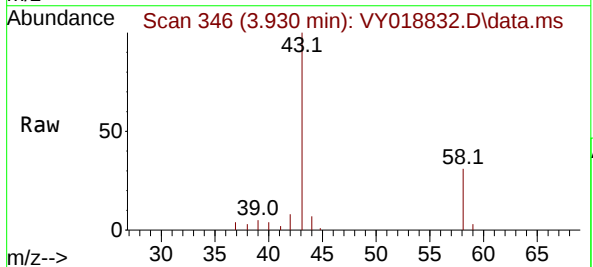


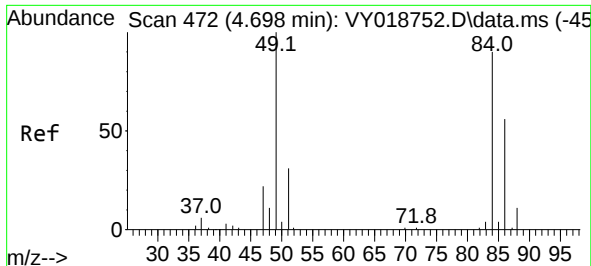
Tgt Ion:168 Resp: 200901
Ion Ratio Lower Upper
168 100
99 54.5 39.1 58.7



#16
Acetone
Concen: 39.738 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

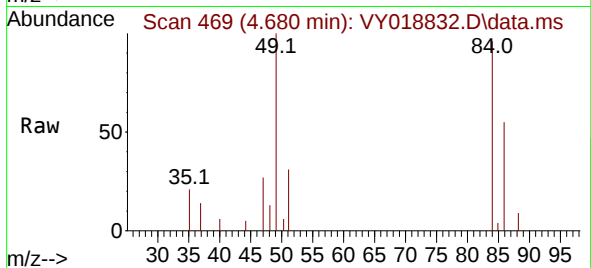
Tgt Ion: 43 Resp: 14483
Ion Ratio Lower Upper
43 100
58 31.1 31.7 47.5#



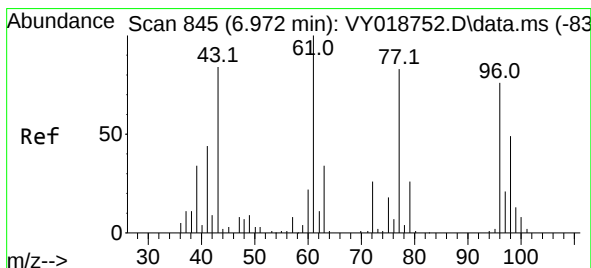
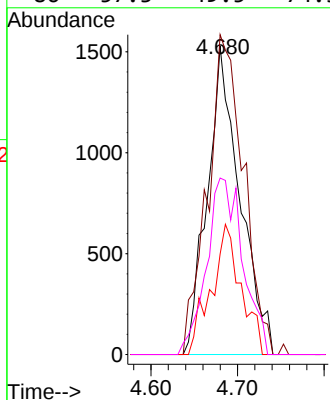
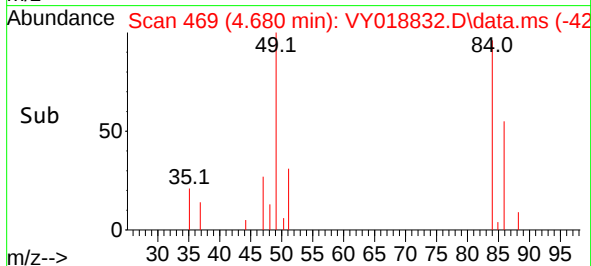


#20
Methylene Chloride
Concen: Below Cal
RT: 4.680 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

Instrument :
MSVOA_Y
ClientSampleId :

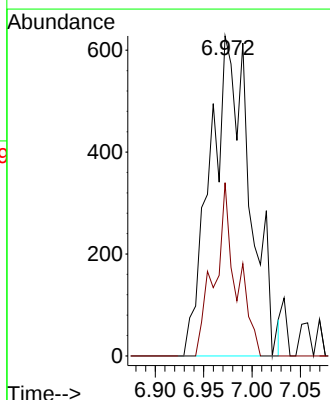
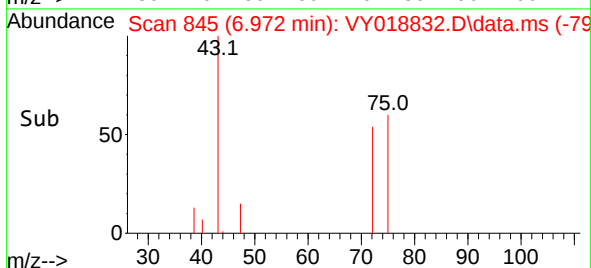
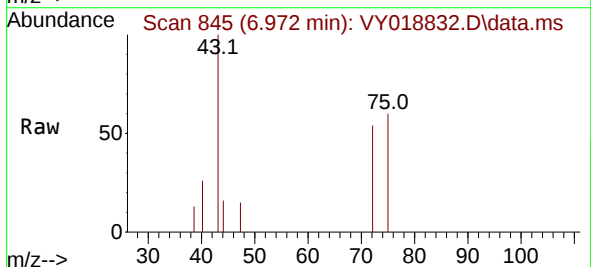


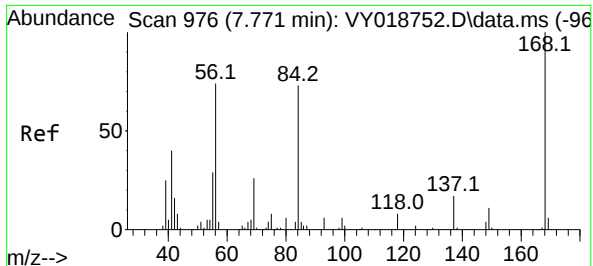
Tgt Ion: 84	Resp: 3991
Ion Ratio	Lower Upper
84 100	
49 103.7	84.4 126.6
51 32.6	26.0 39.0
86 57.3	49.5 74.3



#25
2-Butanone
Concen: 3.508 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

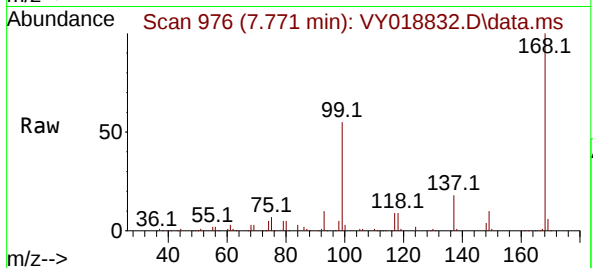
Tgt Ion: 43	Resp: 1792		
Ion Ratio	Lower	Upper	
43 100			
72 54.1	27.3	40.9#	



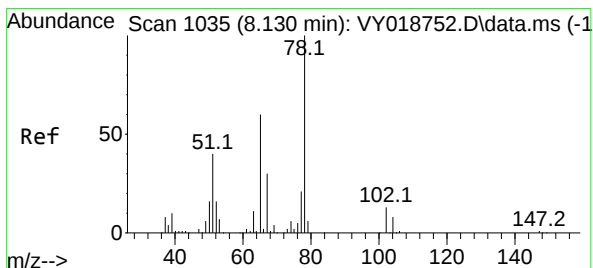
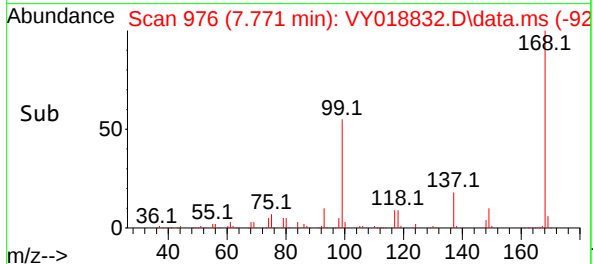
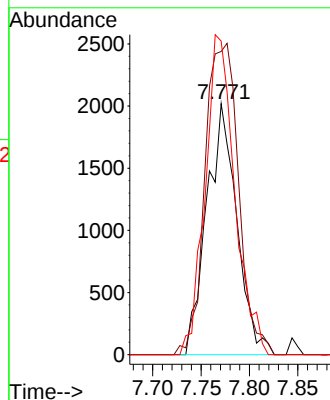


#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

Instrument :
MSVOA_Y
ClientSampleId :

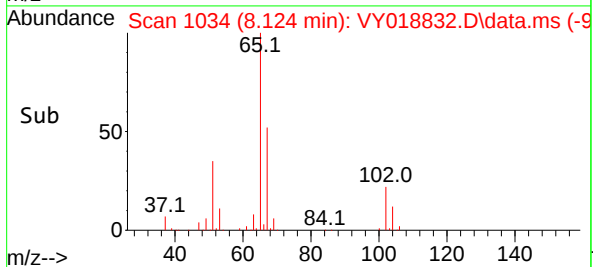
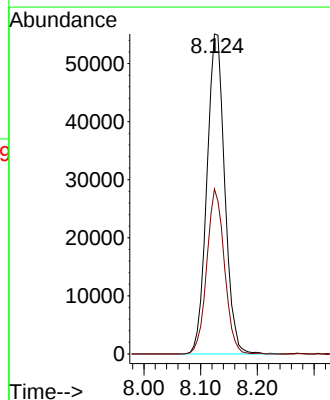
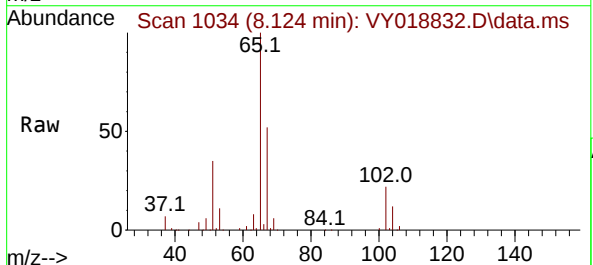


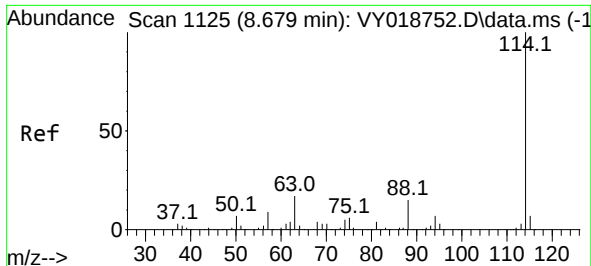
Tgt Ion: 56 Resp: 4362
Ion Ratio Lower Upper
56 100
69 120.8 28.7 43.1#
84 124.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 60.899 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

Tgt Ion: 65 Resp: 120392
Ion Ratio Lower Upper
65 100
67 50.8 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: VY018832.D

Acq: 16 Jul 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :

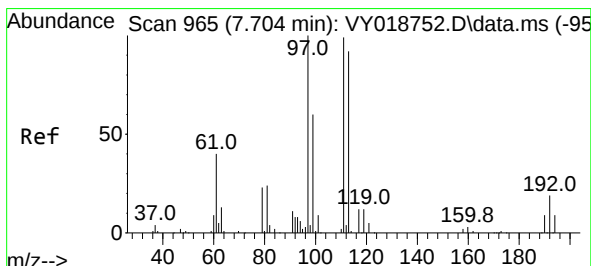
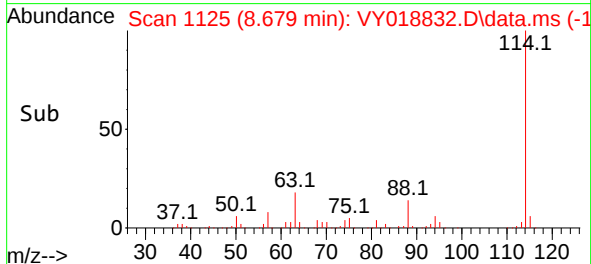
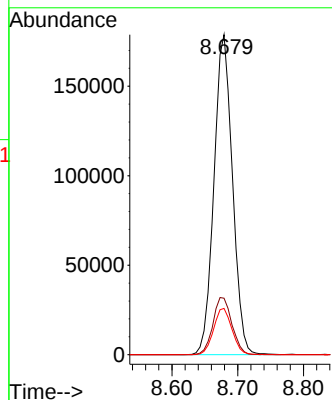
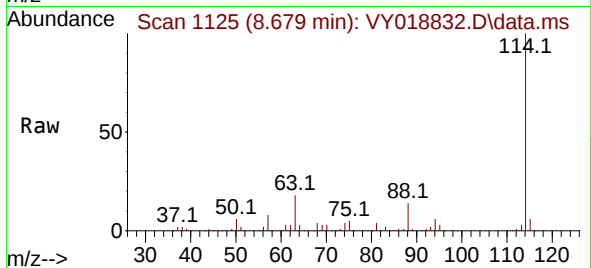
Tgt Ion:114 Resp: 349905

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.472 ug/l

RT: 7.698 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY018832.D

Acq: 16 Jul 2024 15:05

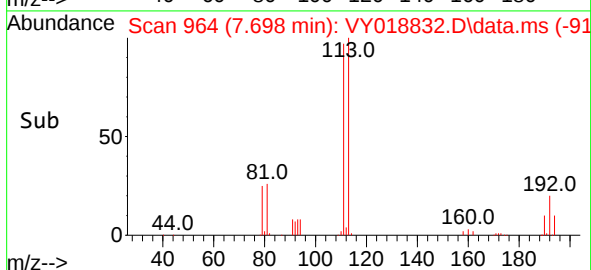
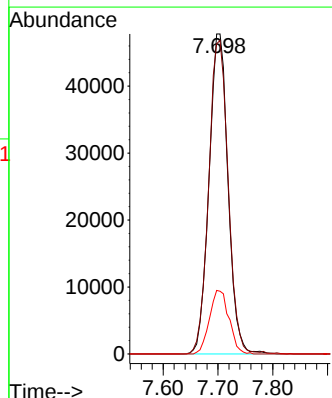
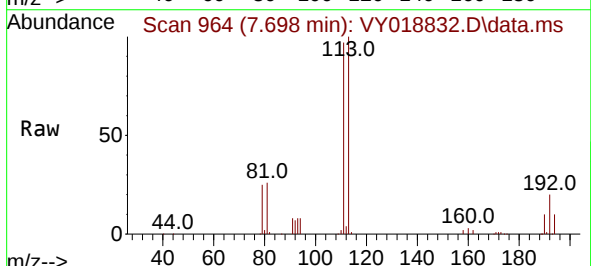
Tgt Ion:113 Resp: 114993

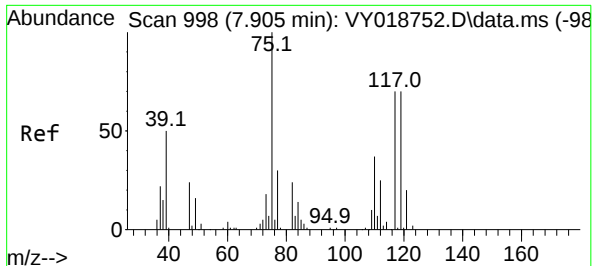
Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

192 20.3 15.9 23.9

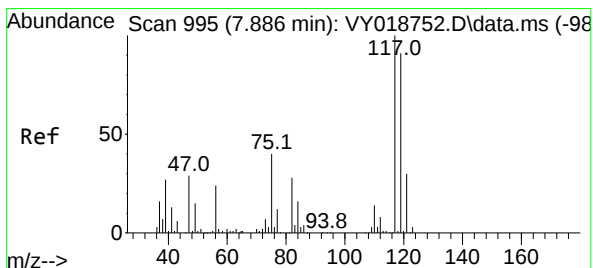
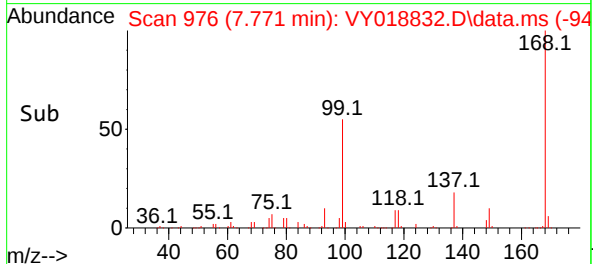
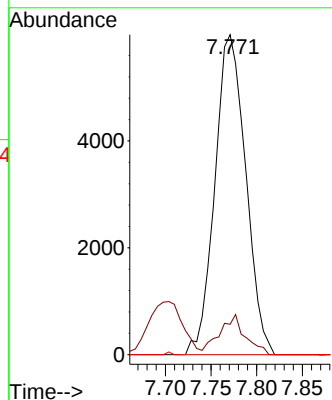
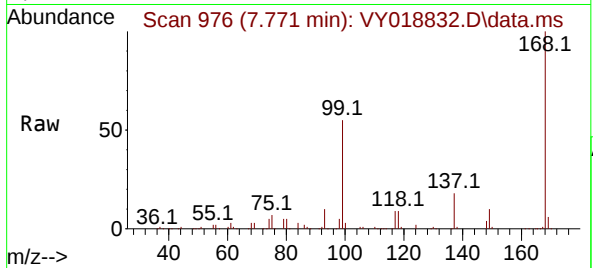




#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

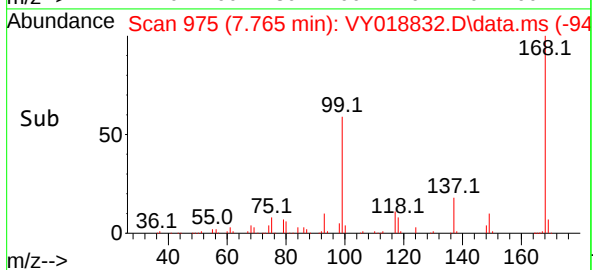
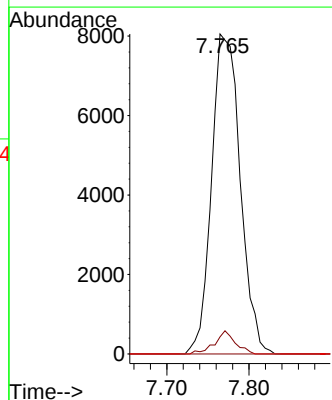
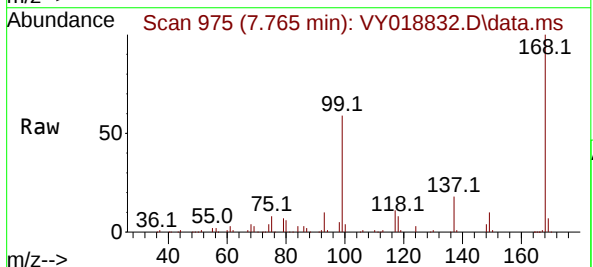
Instrument :
MSVOA_Y
ClientSampleId :

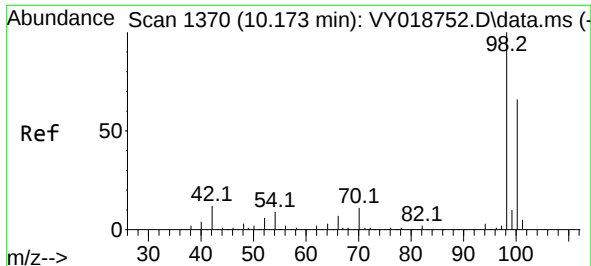
Tgt Ion: 75 Resp: 14055
Ion Ratio Lower Upper
75 100
110 10.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.355 ug/l
RT: 7.765 min Scan# 975
Delta R.T. -0.122 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

Tgt Ion: 117 Resp: 19508
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#

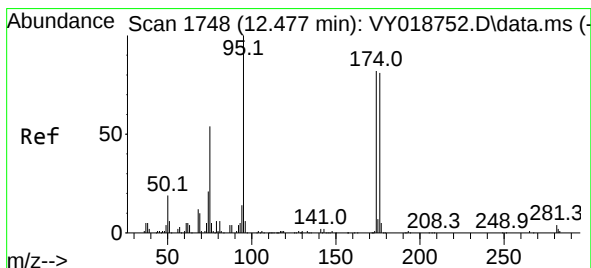
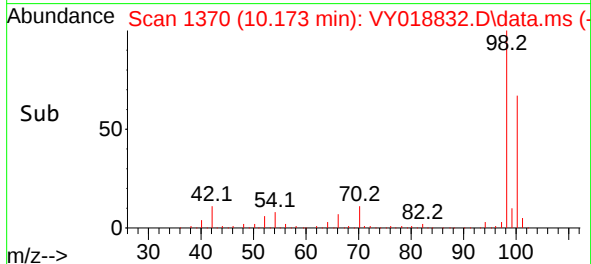
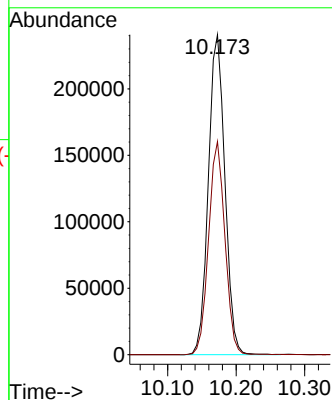
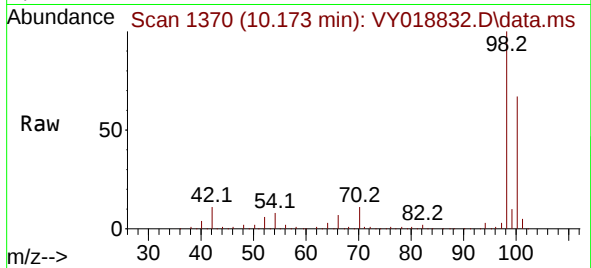




#50
Toluene-d8
Concen: 48.582 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

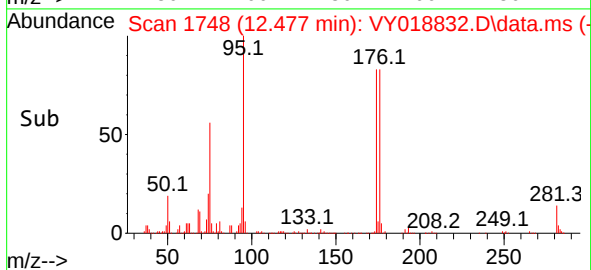
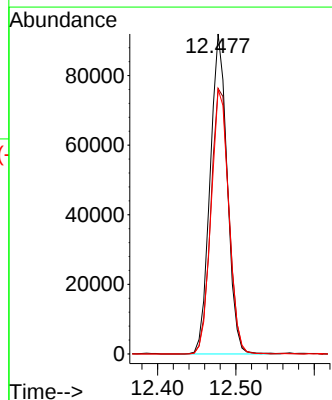
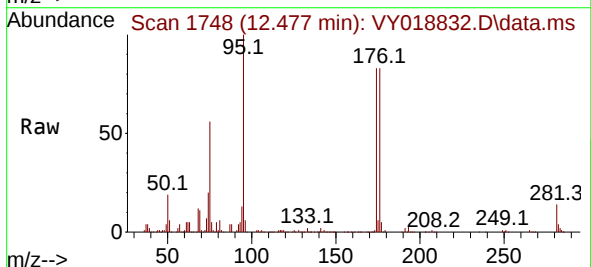
Instrument :
MSVOA_Y
ClientSampleId :

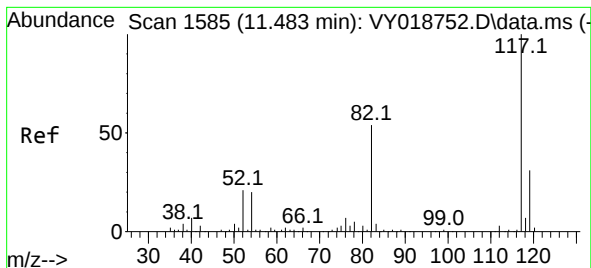
Tgt Ion: 98 Resp: 403368
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.290 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

Tgt Ion: 95 Resp: 139760
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 85.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018832.D

Acq: 16 Jul 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :

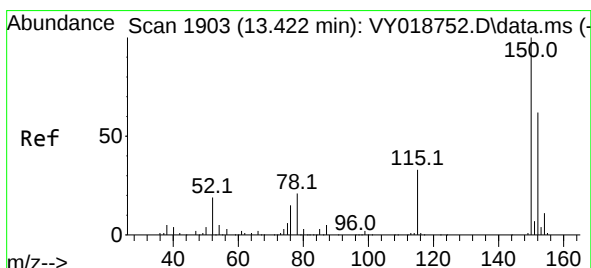
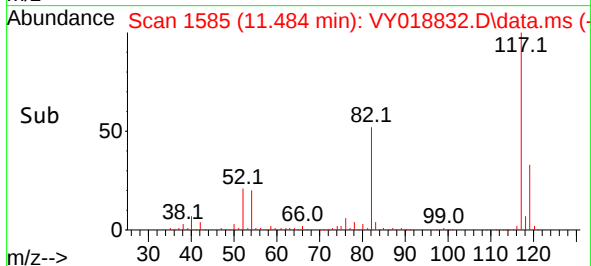
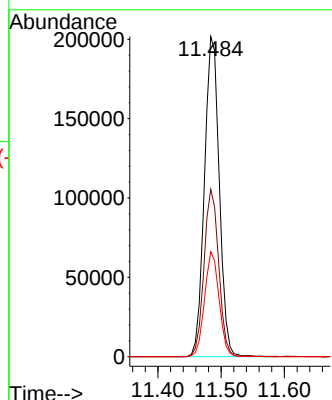
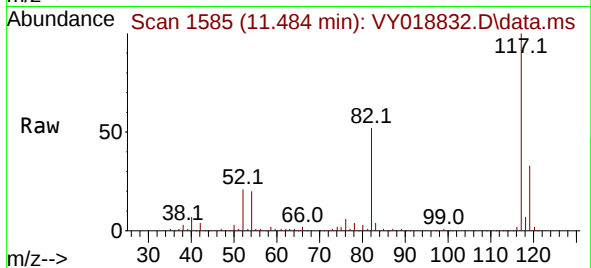
Tgt Ion:117 Resp: 330237

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 32.8 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: VY018832.D

Acq: 16 Jul 2024 15:05

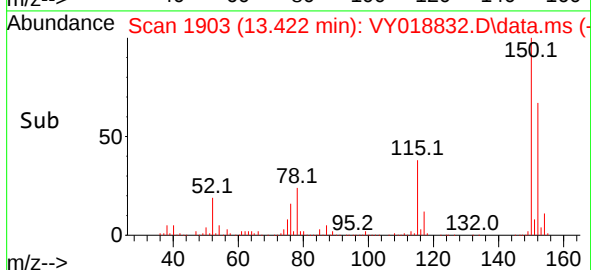
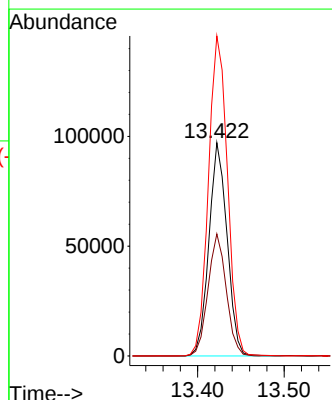
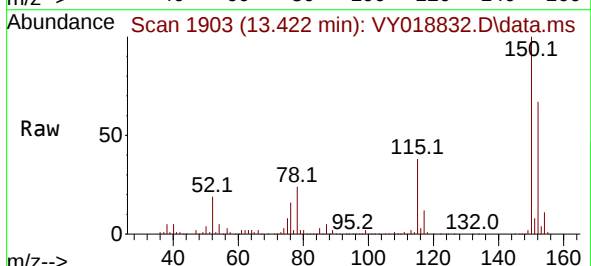
Tgt Ion:152 Resp: 141377

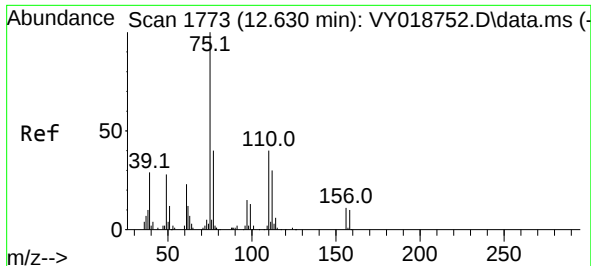
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.1 0.0 345.6

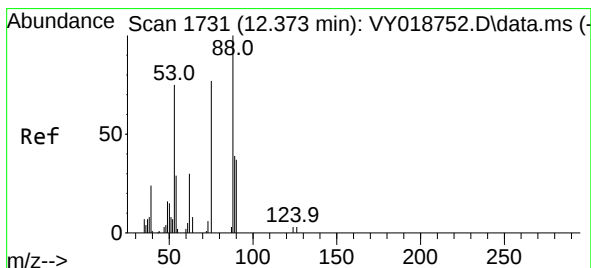
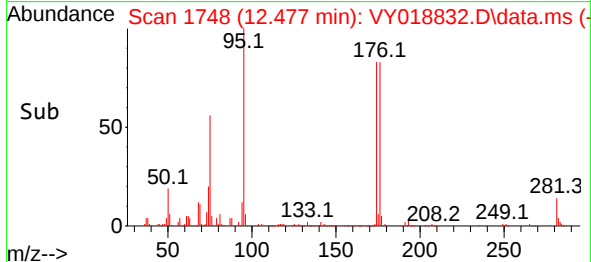
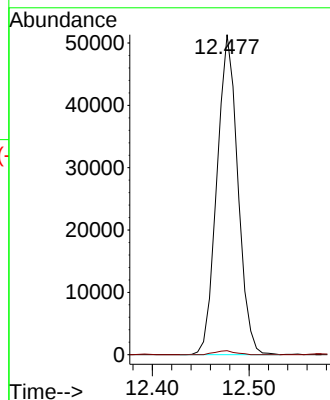
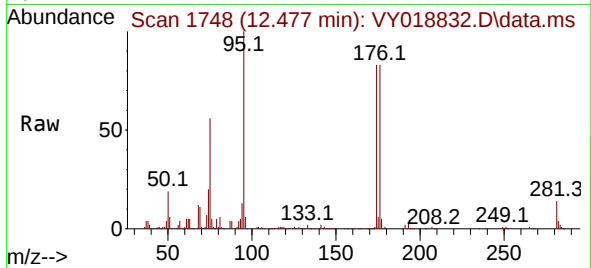




#76
1,2,3-Trichloropropane
Concen: 69.613 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

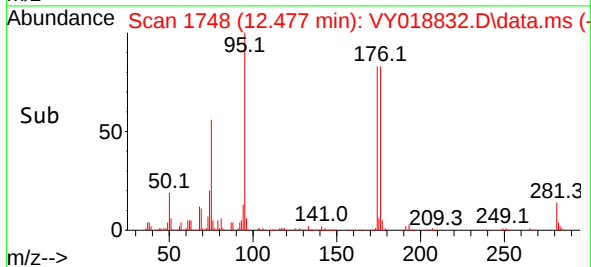
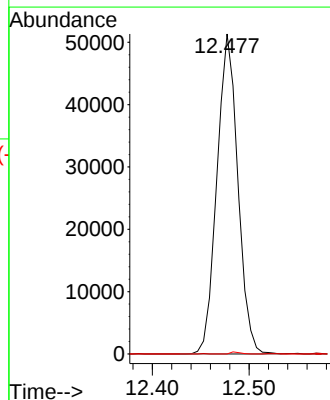
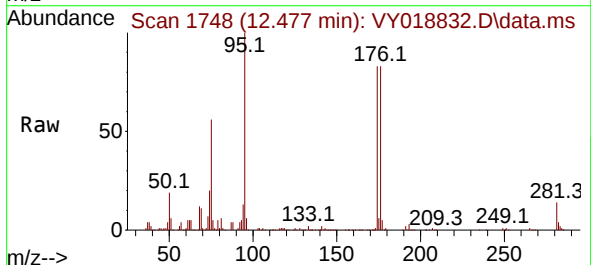
Instrument :
MSVOA_Y
ClientSampleId :

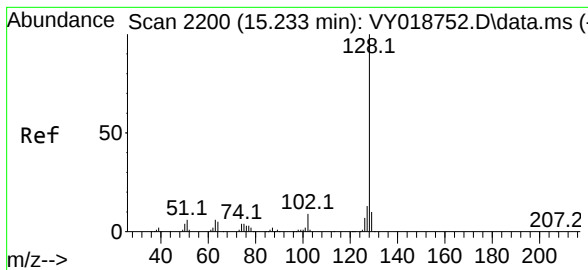
Tgt Ion: 75 Resp: 77082
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 155.798 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018832.D
Acq: 16 Jul 2024 15:05

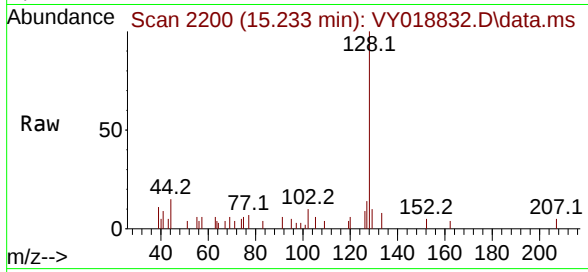
Tgt Ion: 75 Resp: 77082
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#





#95
 Naphthalene
 Concen: 1.027 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018832.D
 Acq: 16 Jul 2024 15:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	4508
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	11.9	8.6	13.0

