

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018474.D
 Acq On : 04 Jun 2024 19:24
 Operator : SY/MD
 Sample : P2704-03
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:30:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

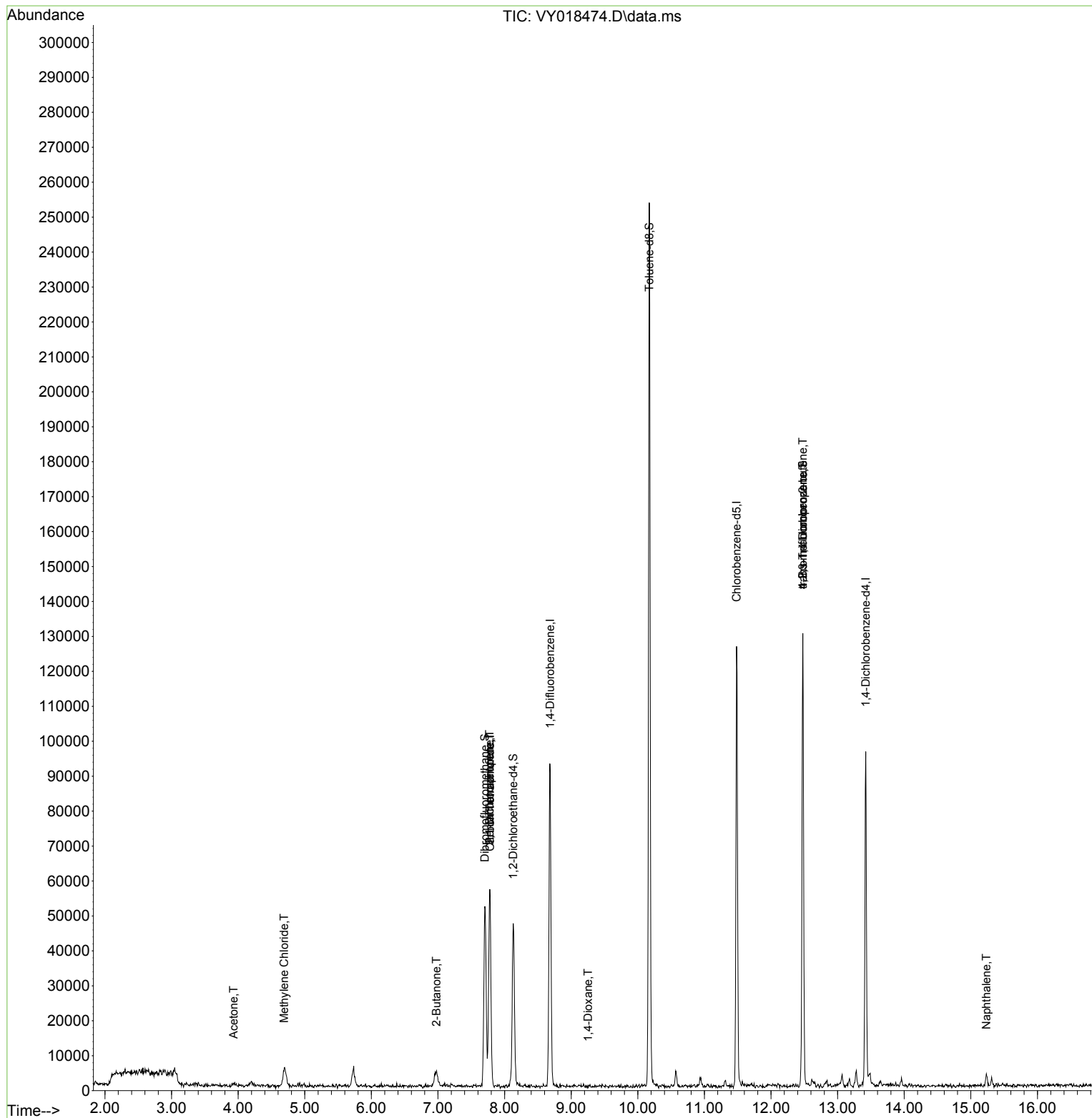
Internal Standards						
1) Pentafluorobenzene	7.777	168	39344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	77278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	63323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	34934	45.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.420%
35) Dibromofluoromethane	7.704	113	36129	36.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.740%
50) Toluene-d8	10.173	98	155891	39.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.980%
62) 4-Bromofluorobenzene	12.477	95	35784	29.481	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	224	Below Cal	#	88
16) Acetone	3.930	43	495	2.886	ug/l	97
20) Methylene Chloride	4.692	84	3815	1.121	ug/l	97
25) 2-Butanone	6.978	43	677	2.577	ug/l	97
36) 1,1-Dichloropropene	7.777	75	4353	2.913	ug/l	# 48
38) Carbon Tetrachloride	7.783	117	4473	2.987	ug/l	# 16
49) 1,4-Dioxane	9.252	88	54	7.005	ug/l	# 60
76) 1,2,3-Trichloropropane	12.477	75	21121	77.229	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	21121	162.253	ug/l	# 16
95) Naphthalene	15.233	128	2356	2.615	ug/l	# 91

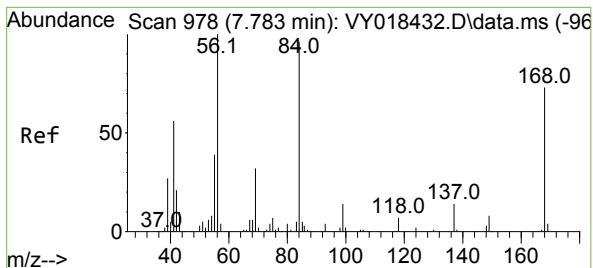
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY018474.D

Acq: 04 Jun 2024 19:24

Instrument :

MSVOA_Y

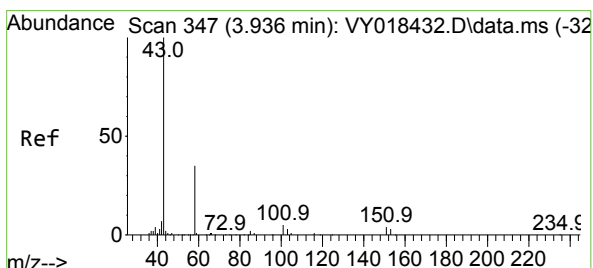
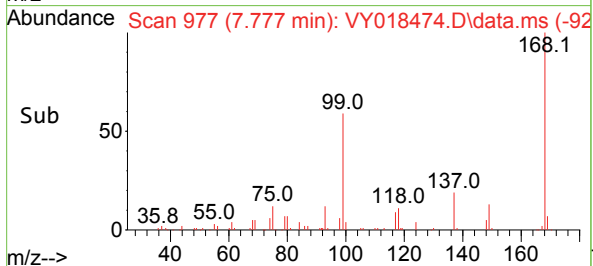
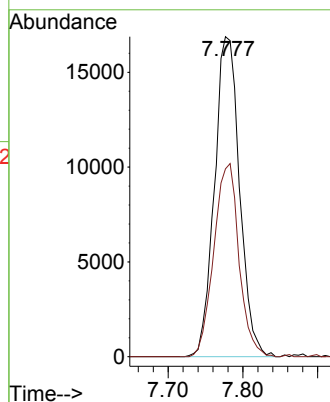
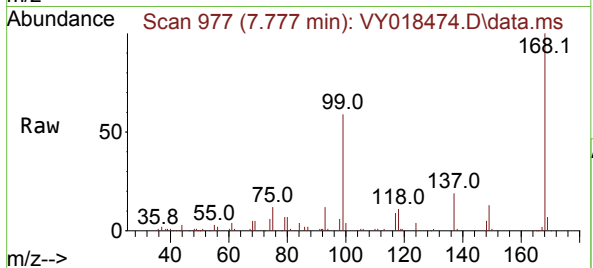
ClientSampleId :

Tgt Ion:168 Resp: 39344

Ion Ratio Lower Upper

168 100

99 58.7 39.1 58.7#



#16

Acetone

Concen: 2.886 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018474.D

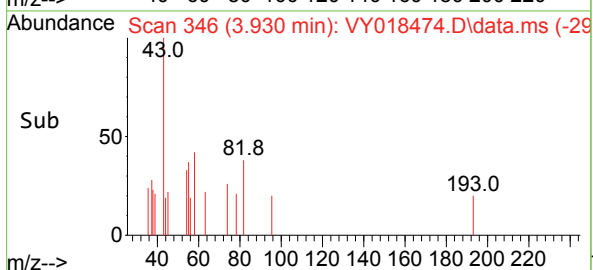
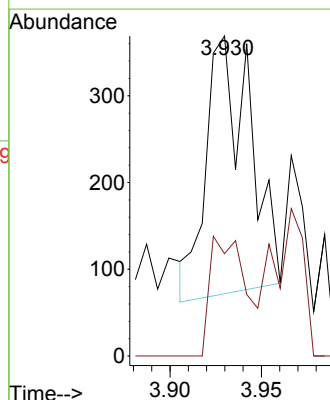
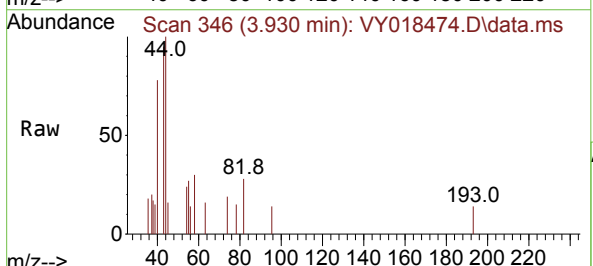
Acq: 04 Jun 2024 19:24

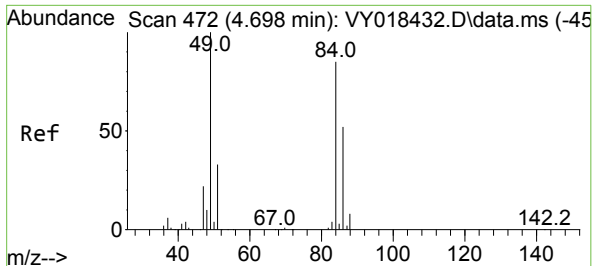
Tgt Ion: 43 Resp: 495

Ion Ratio Lower Upper

43 100

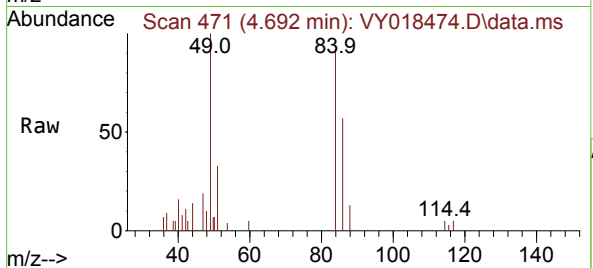
58 41.4 31.7 47.5





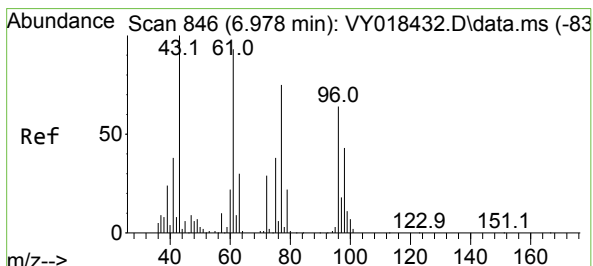
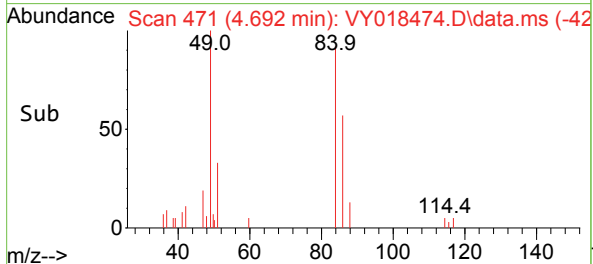
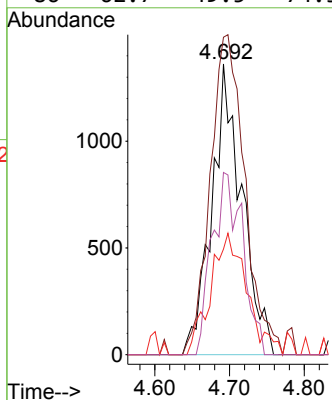
#20
Methylene Chloride
Concen: 1.121 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3815

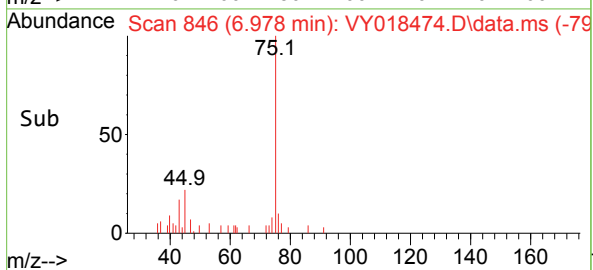
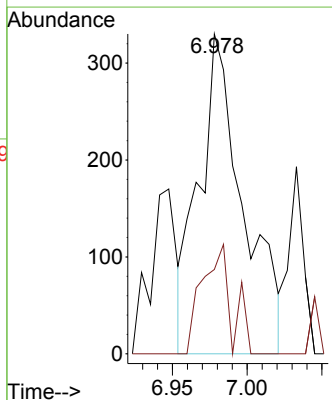
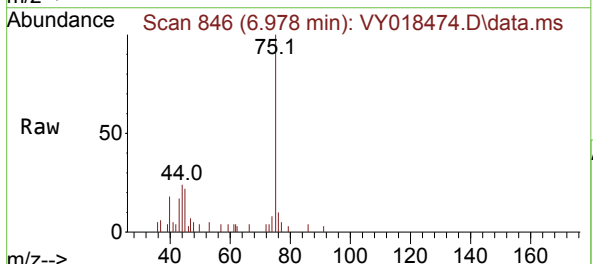
Ion	Ratio	Lower	Upper
84	100		
49	109.2	84.4	126.6
51	36.3	26.0	39.0
86	62.7	49.5	74.3

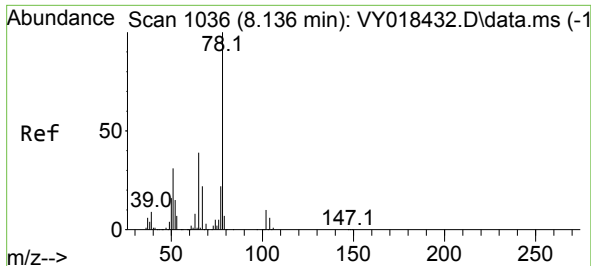


#25
2-Butanone
Concen: 2.577 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

Tgt Ion: 43 Resp: 677

Ion	Ratio	Lower	Upper
43	100		
72	32.5	27.3	40.9





#33

1,2-Dichloroethane-d4

Concen: 45.213 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018474.D

Acq: 04 Jun 2024 19:24

Instrument :

MSVOA_Y

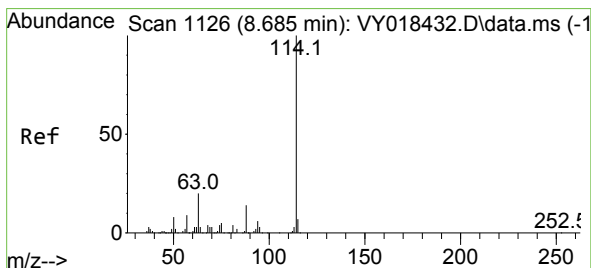
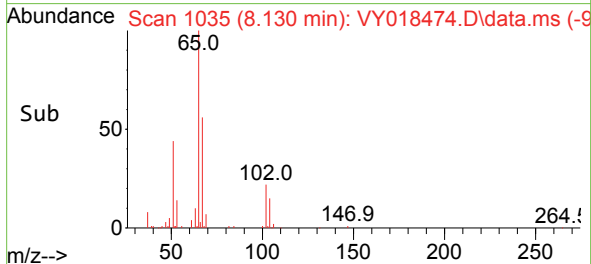
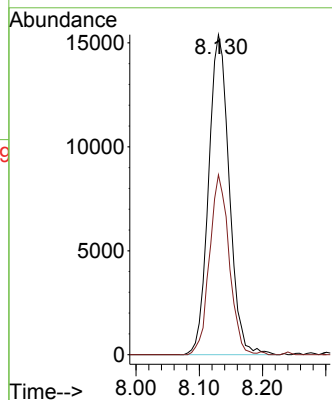
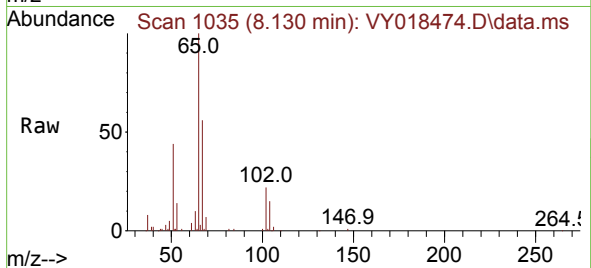
ClientSampleId :

Tgt Ion: 65 Resp: 34934

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018474.D

Acq: 04 Jun 2024 19:24

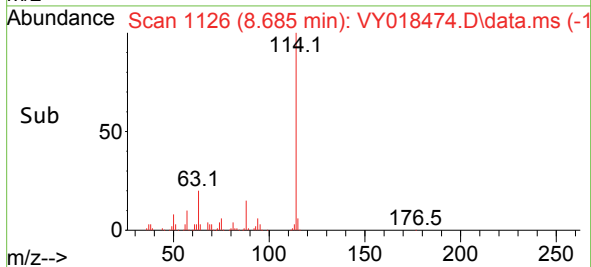
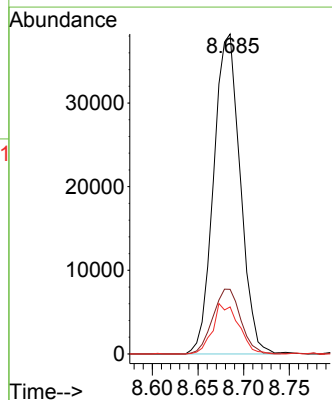
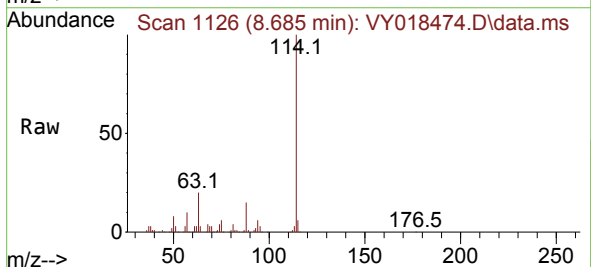
Tgt Ion: 114 Resp: 77278

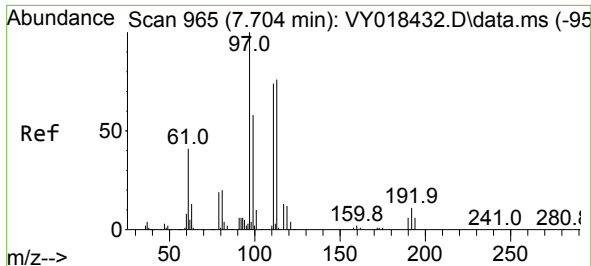
Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.0

88 14.7 0.0 27.2

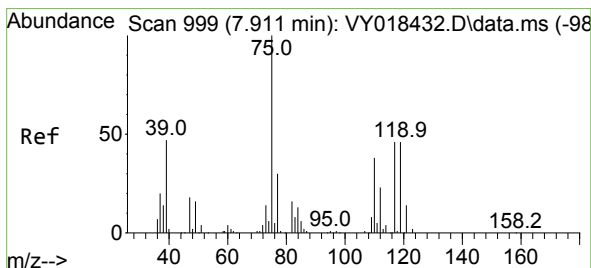
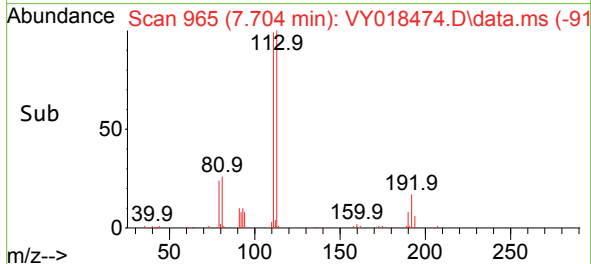
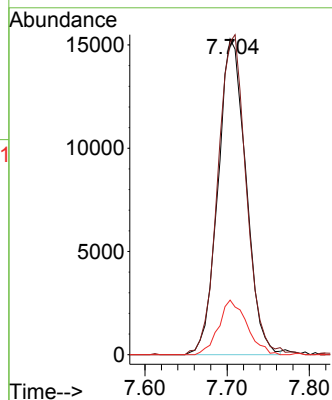
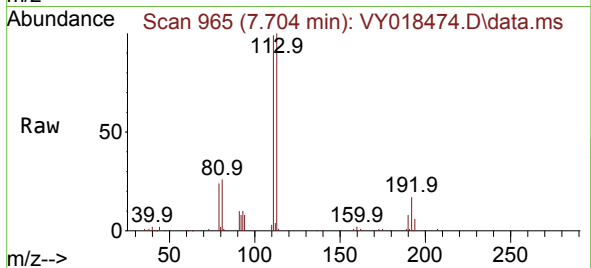




#35
Dibromofluoromethane
Concen: 36.869 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

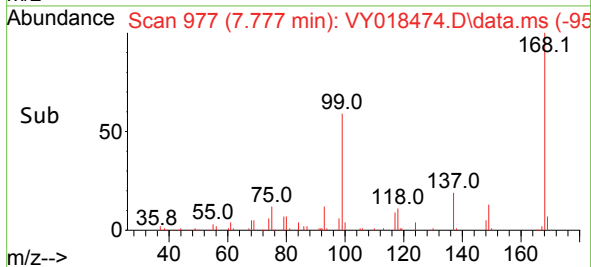
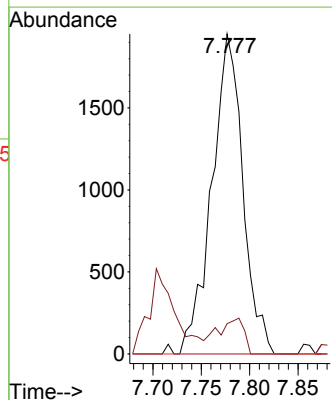
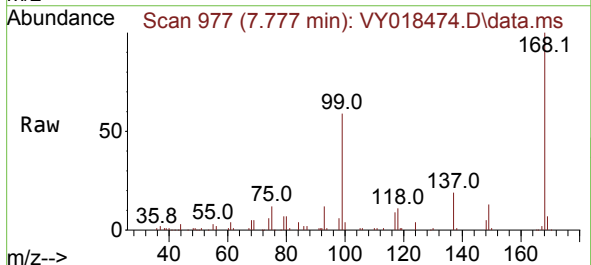
Instrument :
MSVOA_Y
ClientSampleId :

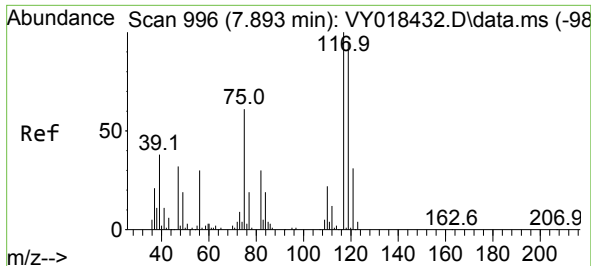
Tgt Ion:113 Resp: 36129
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.913 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

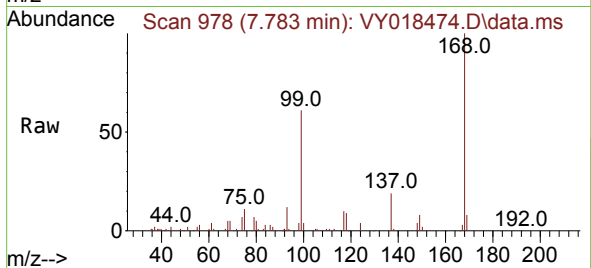
Tgt Ion: 75 Resp: 4353
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.0 25.3 37.9#



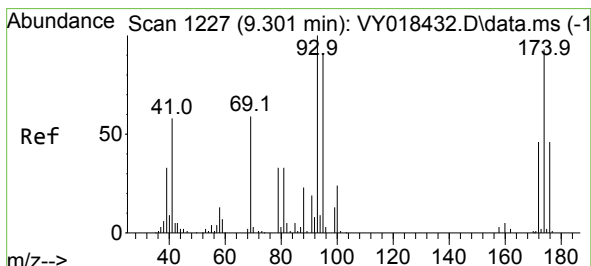
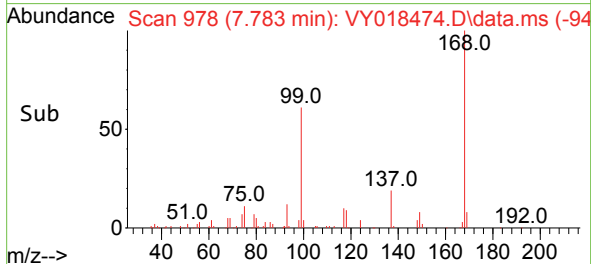
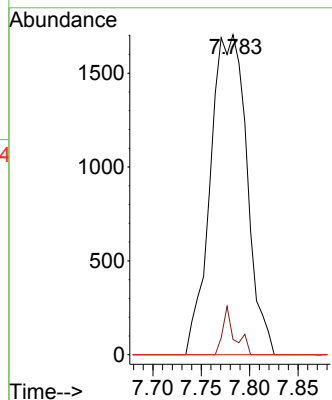


#38
Carbon Tetrachloride
Concen: 2.987 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

Instrument :
MSVOA_Y
ClientSampleId :

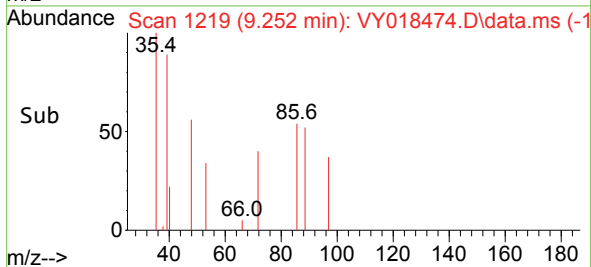
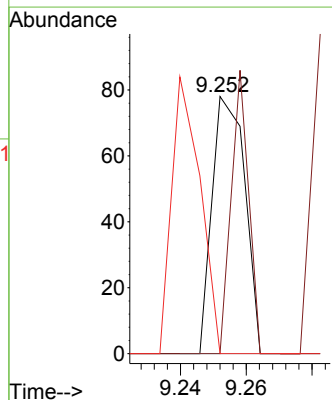
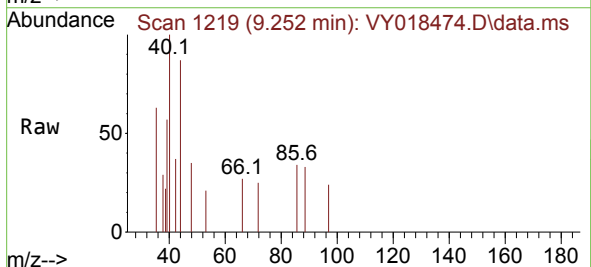


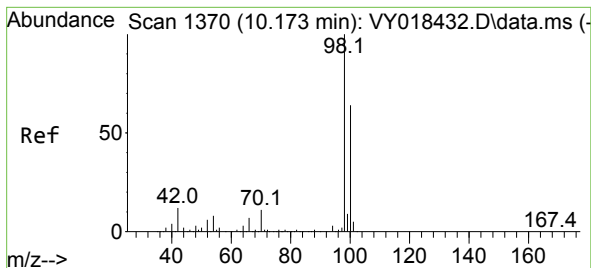
Tgt Ion:117 Resp: 4473
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 7.005 ug/l
RT: 9.252 min Scan# 1219
Delta R.T. -0.049 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 57.4 0.0 0.0#
58 92.6 49.3 73.9#





#50

Toluene-d8

Concen: 39.988 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018474.D

Acq: 04 Jun 2024 19:24

Instrument :

MSVOA_Y

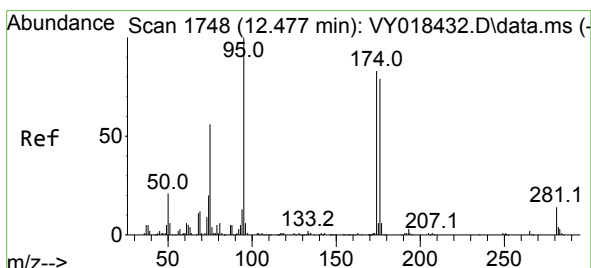
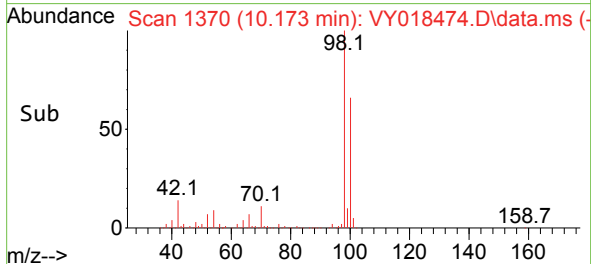
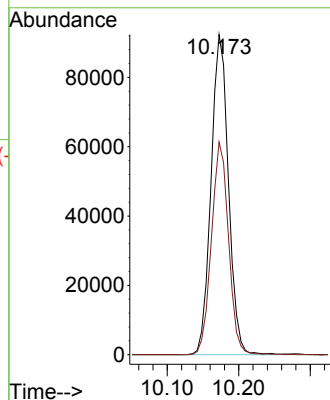
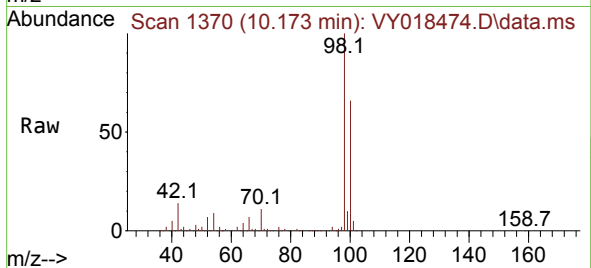
ClientSampleId :

Tgt Ion: 98 Resp: 155891

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 29.481 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018474.D

Acq: 04 Jun 2024 19:24

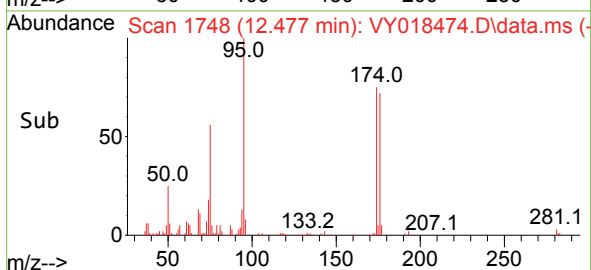
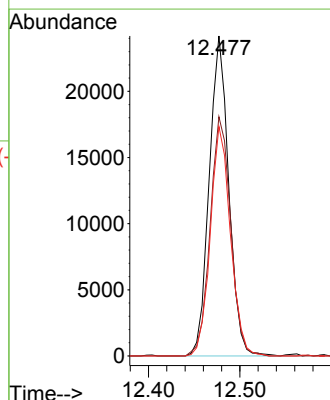
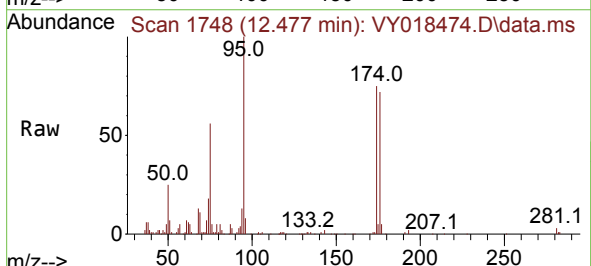
Tgt Ion: 95 Resp: 35784

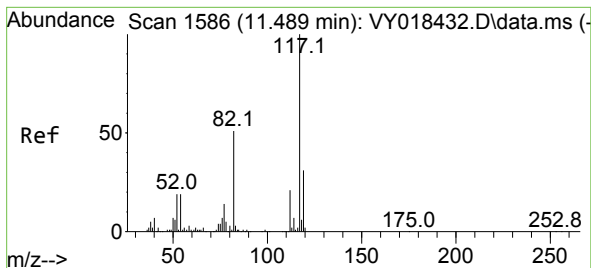
Ion Ratio Lower Upper

95 100

174 79.1 0.0 175.6

176 74.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018474.D

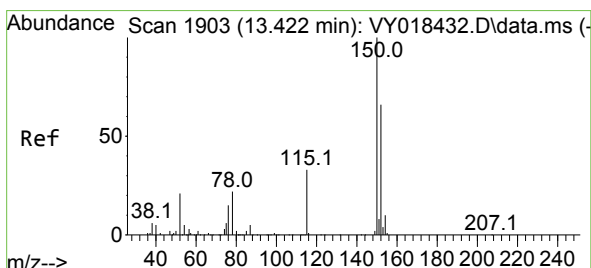
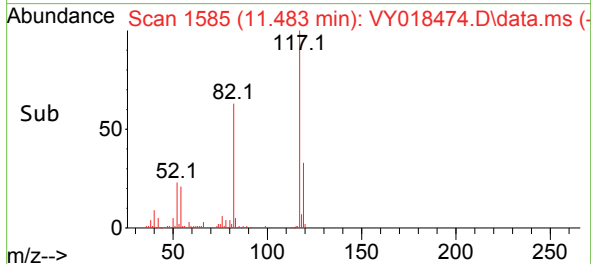
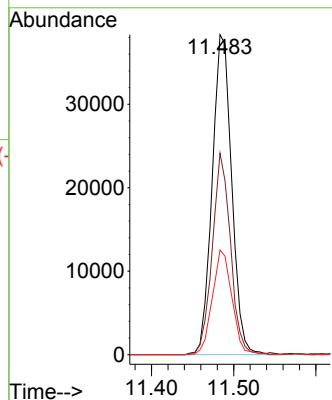
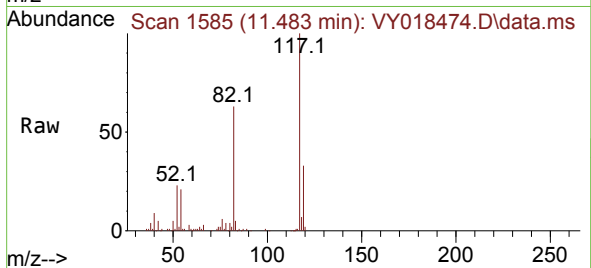
Acq: 04 Jun 2024 19:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	117	Resp:	63323
Ion Ratio	Lower	Upper	
117	100		
82	63.0	42.4	63.6
119	32.7	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

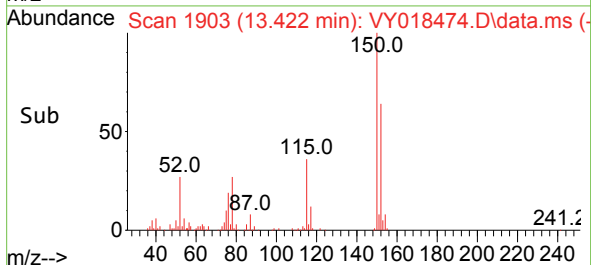
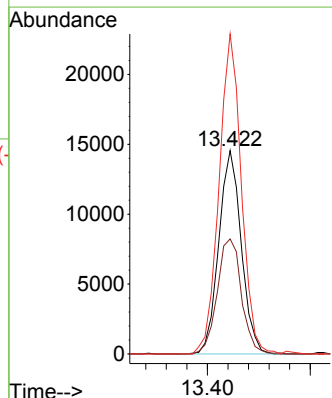
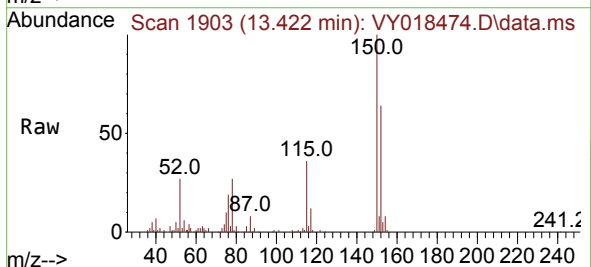
RT: 13.422 min Scan# 1903

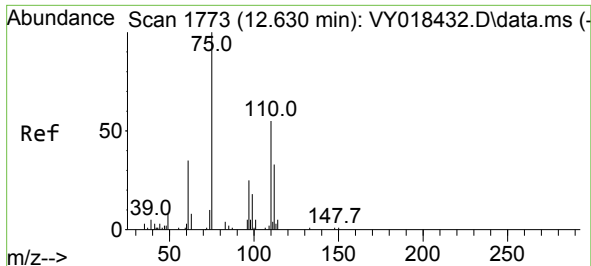
Delta R.T. -0.000 min

Lab File: VY018474.D

Acq: 04 Jun 2024 19:24

Tgt Ion:	152	Resp:	22055
Ion Ratio	Lower	Upper	
152	100		
115	61.0	28.2	84.7
150	155.6	0.0	345.6

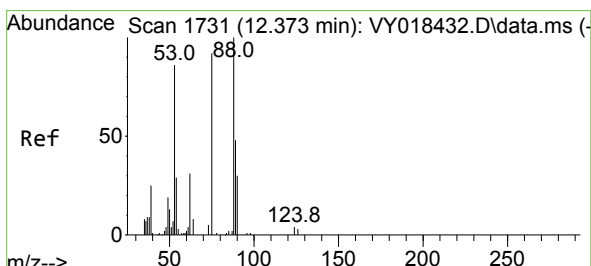
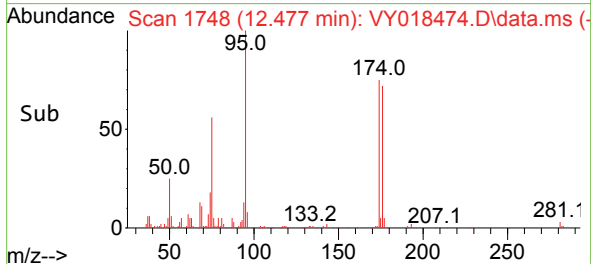
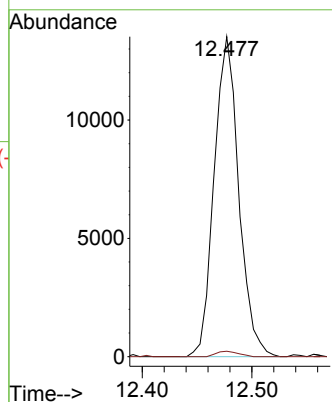
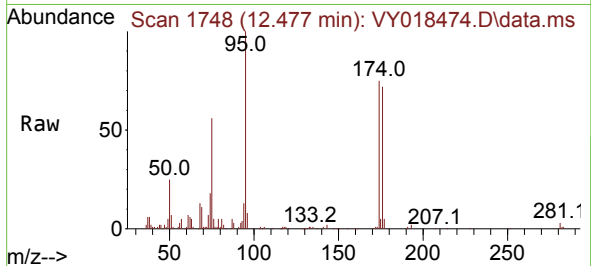




#76
1,2,3-Trichloropropane
Concen: 77.229 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

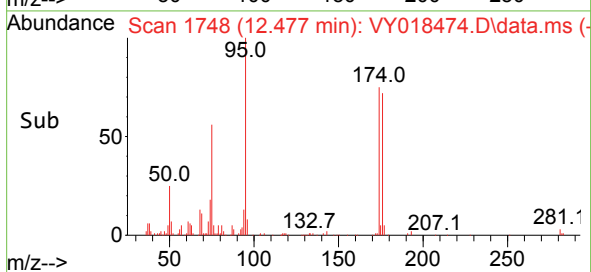
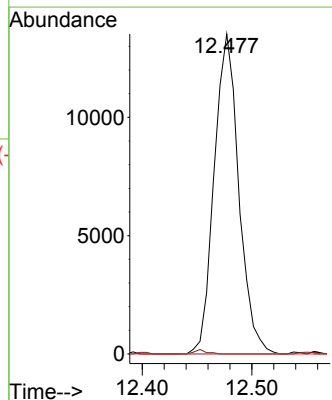
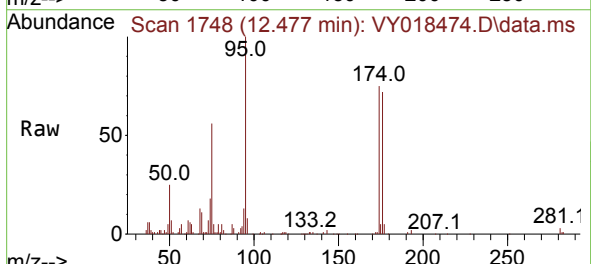
Instrument :
MSVOA_Y
ClientSampleId :

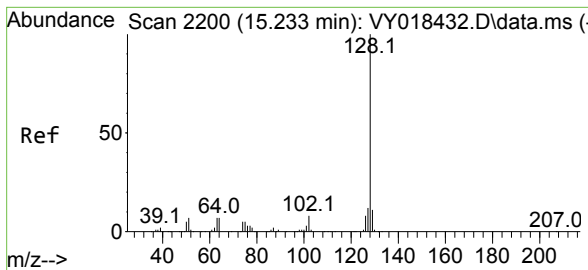
Tgt Ion: 75 Resp: 21121
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 162.253 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

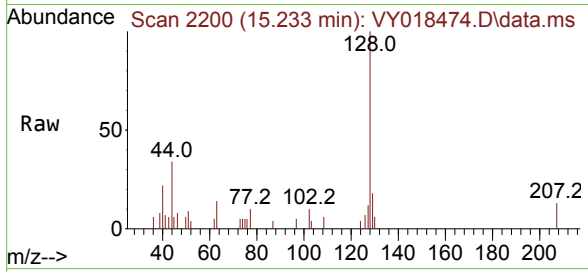
Tgt Ion: 75 Resp: 21121
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 2.615 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 2356
Ion Ratio Lower Upper
128 100
127 11.1 10.6 16.0
129 16.0 8.6 13.0#

