

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017154.D
 Acq On : 31 Jan 2024 12:51
 Operator : SY/MD
 Sample : P1297-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-013024

Quant Time: Jan 31 22:58:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

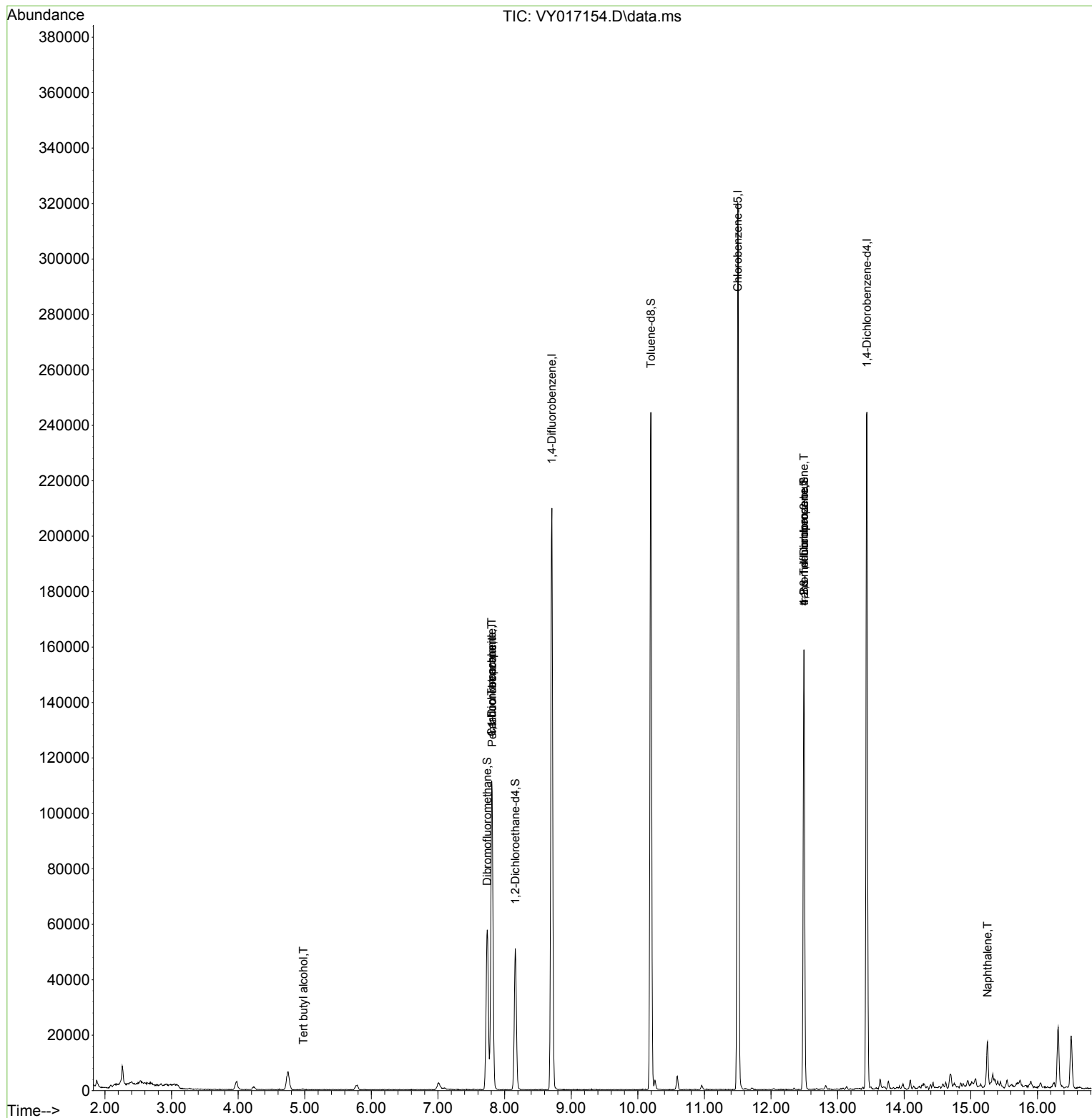
Internal Standards						
1) Pentafluorobenzene	7.813	168	82290	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	177900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	169328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	60800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	39163	48.846	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.700%		
35) Dibromofluoromethane	7.740	113	41405	38.563	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	77.120%		
50) Toluene-d8	10.197	98	157160	38.753	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	77.500%		
62) 4-Bromofluorobenzene	12.495	95	49060	39.270	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	78.540%		
Target Compounds						
3) Chloromethane	2.131	50	214	Below Cal	#	41
4) Vinyl Chloride	2.253	62	128	Below Cal	#	43
5) Bromomethane	2.686	94	290	Below Cal		89
11) Tert butyl alcohol	4.978	59	153	2.501 ug/l	#	75
16) Acetone	3.979	43	5236	Below Cal		92
20) Methylene Chloride	4.741	84	4843	Below Cal		97
25) 2-Butanone	7.015	43	1410	Below Cal	#	88
31) Cyclohexane	7.813	56	2033	Below Cal	#	43
36) 1,1-Dichloropropene	7.807	75	6975	3.948 ug/l	#	50
38) Carbon Tetrachloride	7.807	117	8459	4.886 ug/l	#	17
76) 1,2,3-Trichloropropane	12.495	75	26185	35.481 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.495	75	26185	91.857 ug/l	#	12
95) Naphthalene	15.251	128	13506	8.025 ug/l		99

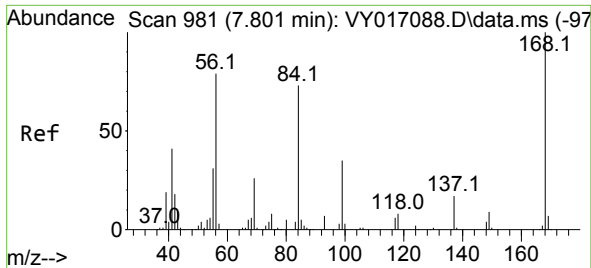
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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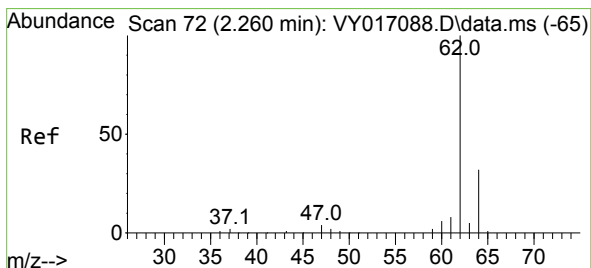
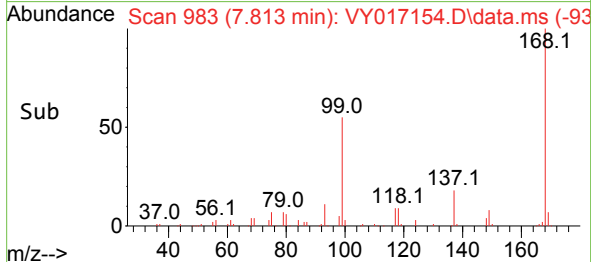
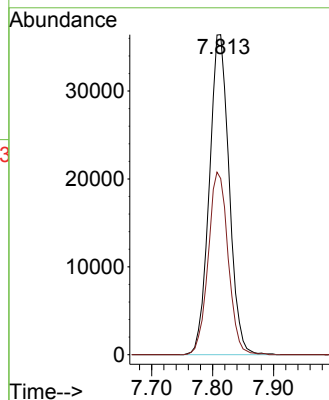
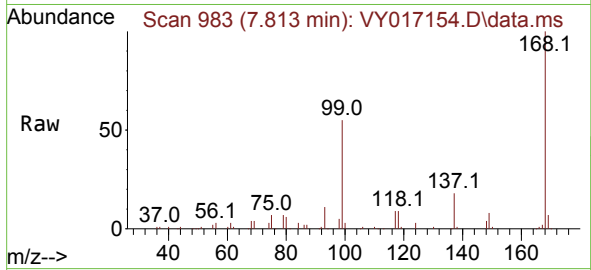




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

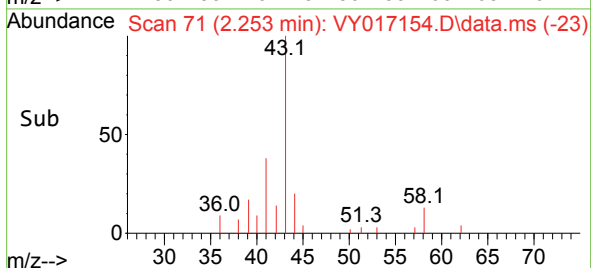
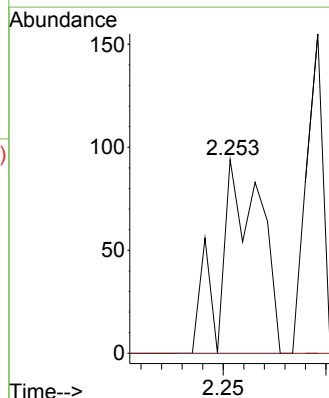
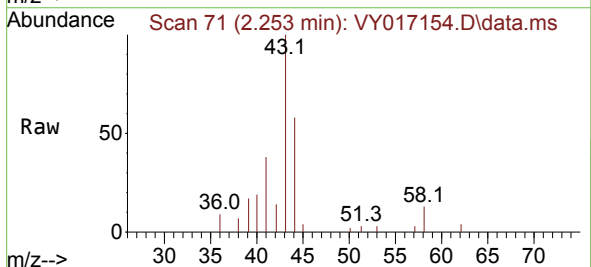
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

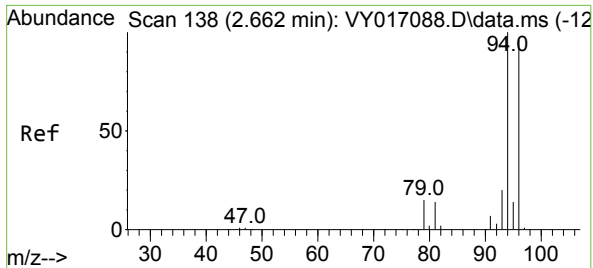
Tgt Ion:168 Resp: 82290
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

Tgt Ion: 62 Resp: 128
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.686 min Scan# 14

Delta R.T. 0.024 min

Lab File: VY017154.D

Acq: 31 Jan 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

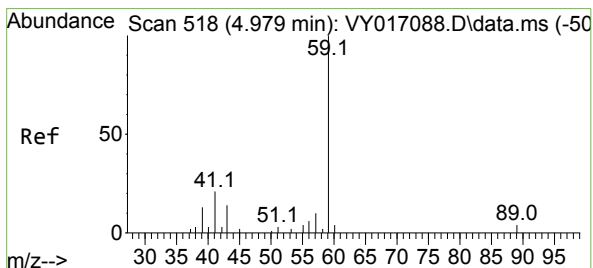
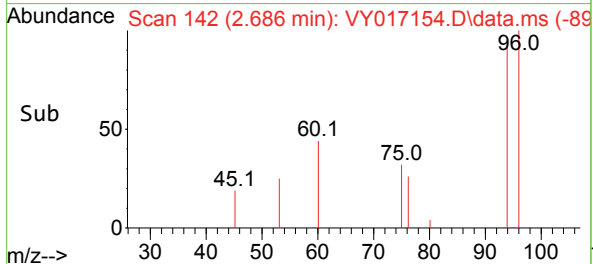
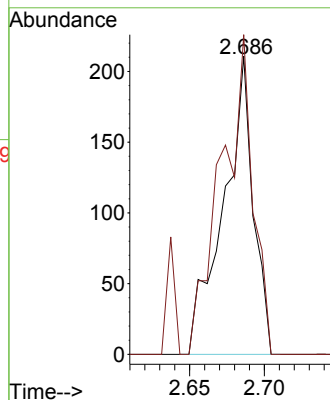
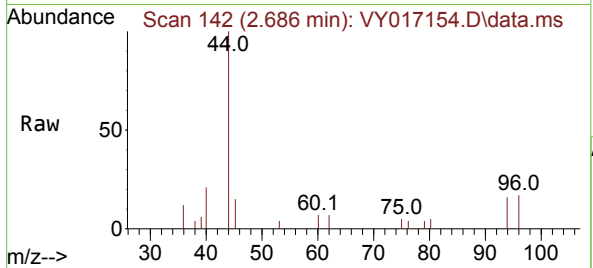
TR-05-013024

Tgt Ion: 94 Resp: 290

Ion Ratio Lower Upper

94 100

96 107.1 77.3 115.9



#11

Tert butyl alcohol

Concen: 2.501 ug/l

RT: 4.978 min Scan# 518

Delta R.T. 0.012 min

Lab File: VY017154.D

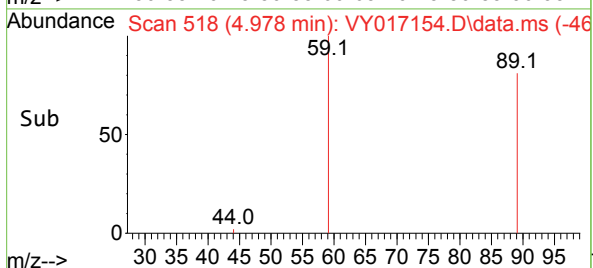
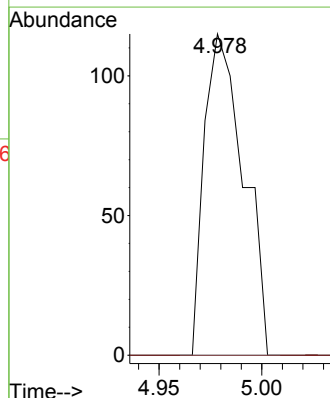
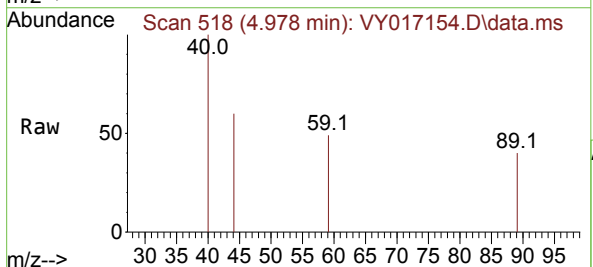
Acq: 31 Jan 2024 12:51

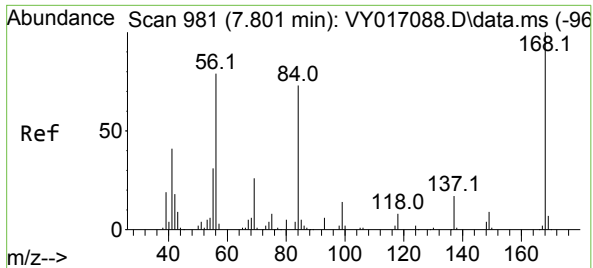
Tgt Ion: 59 Resp: 153

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#

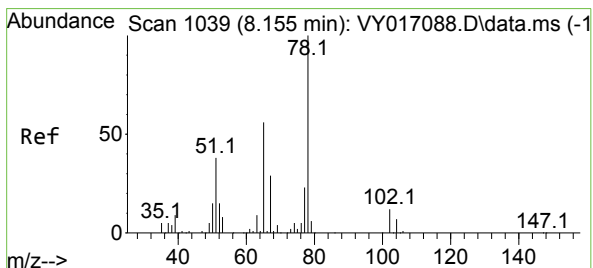
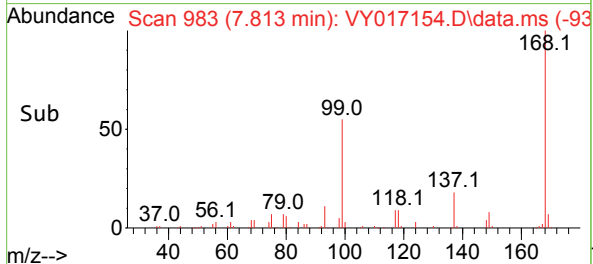
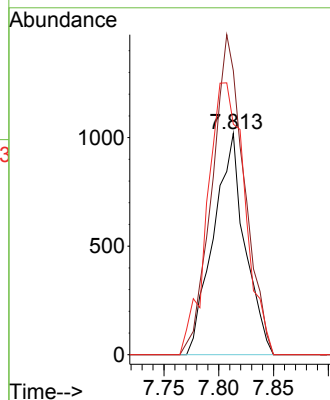
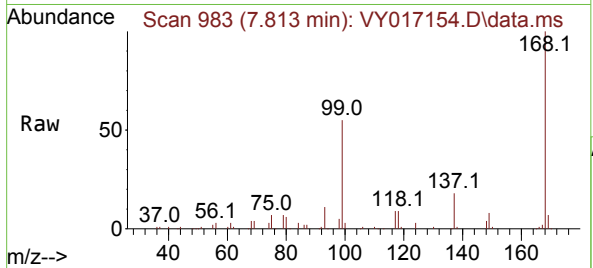




#31
Cyclohexane
Concen: Below Cal
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

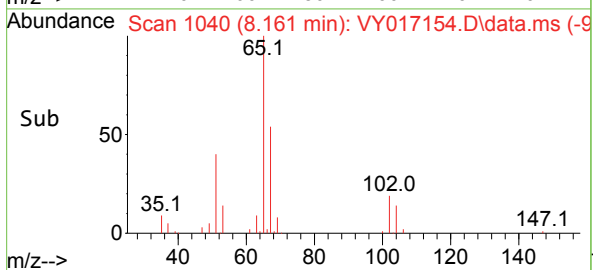
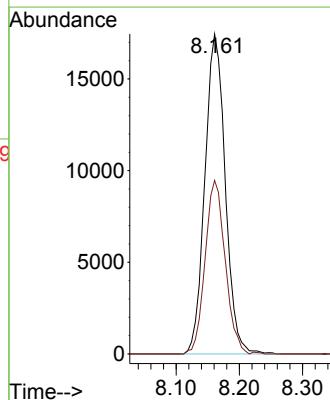
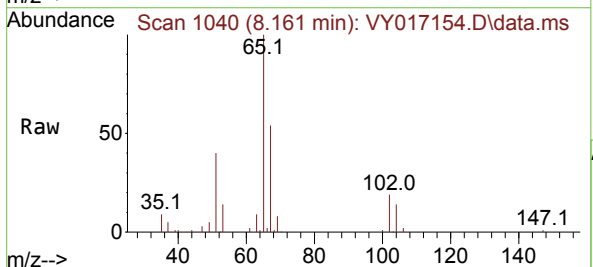
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

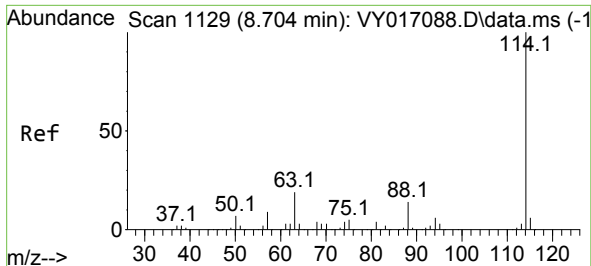
Tgt Ion: 56 Resp: 2033
Ion Ratio Lower Upper
56 100
69 128.4 27.0 40.6#
84 104.2 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 48.846 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

Tgt Ion: 65 Resp: 39163
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0

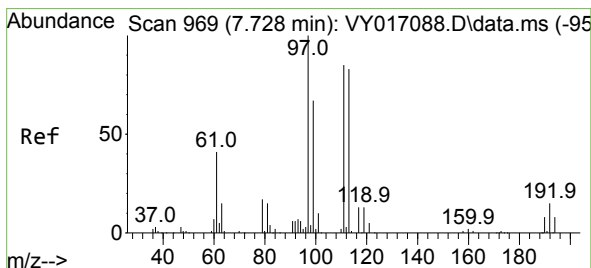
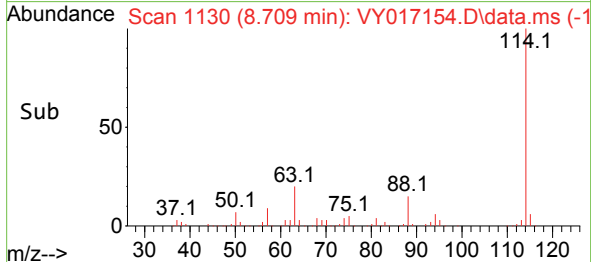
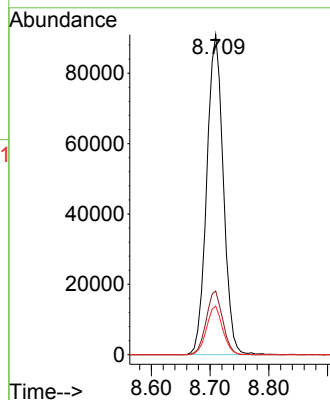
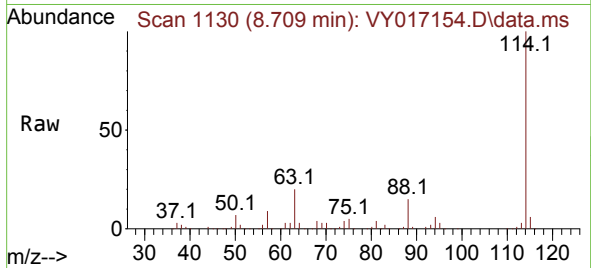




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

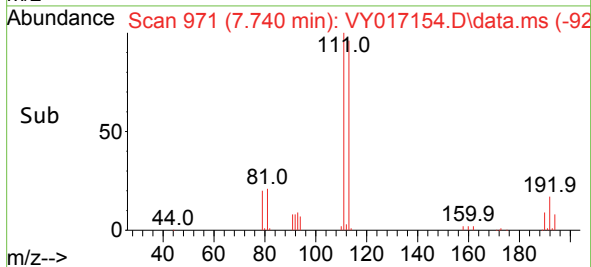
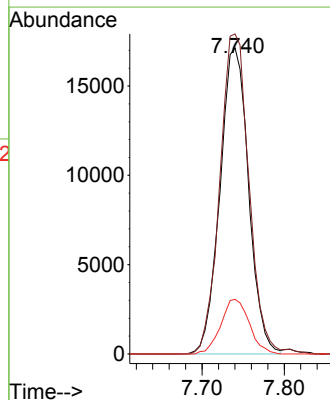
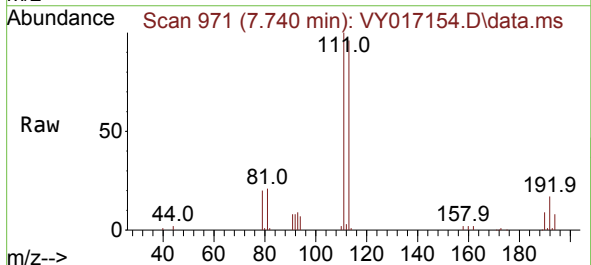
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

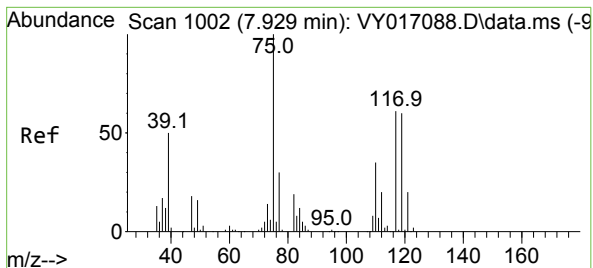
Tgt Ion:114 Resp: 177900
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 15.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 38.563 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

Tgt Ion:113 Resp: 41405
Ion Ratio Lower Upper
113 100
111 106.5 83.8 125.6
192 17.8 14.5 21.7





#36

1,1-Dichloropropene

Concen: 3.948 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY017154.D

Acq: 31 Jan 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-013024

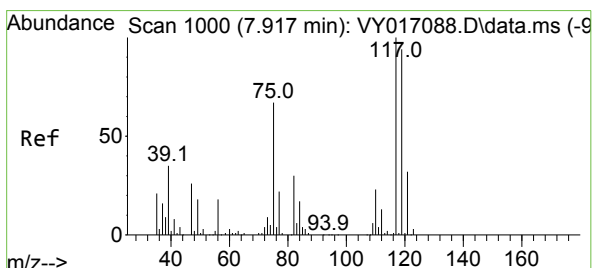
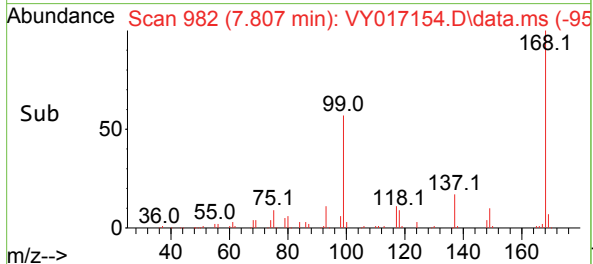
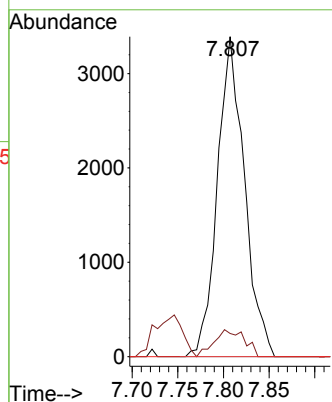
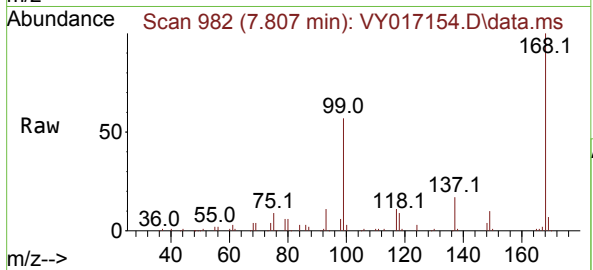
Tgt Ion: 75 Resp: 6975

Ion Ratio Lower Upper

75 100

110 9.4 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.886 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY017154.D

Acq: 31 Jan 2024 12:51

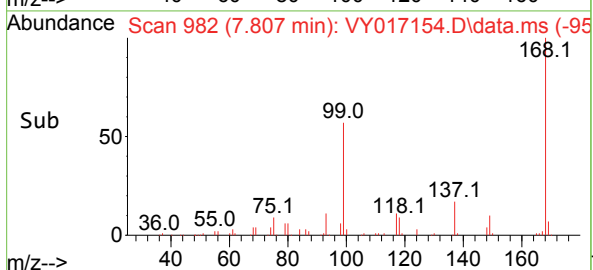
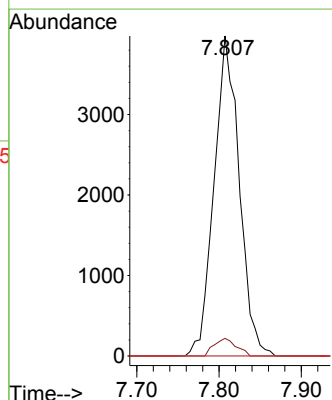
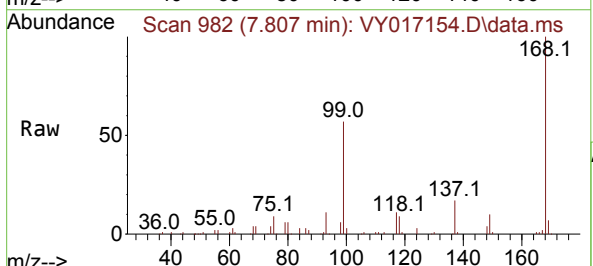
Tgt Ion: 117 Resp: 8459

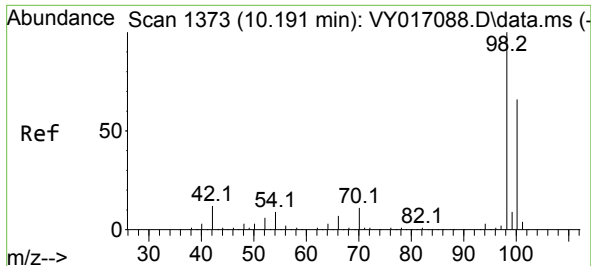
Ion Ratio Lower Upper

117 100

119 5.5 76.0 114.0#

121 0.0 24.2 36.2#

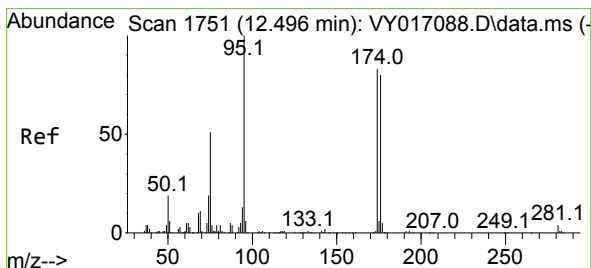
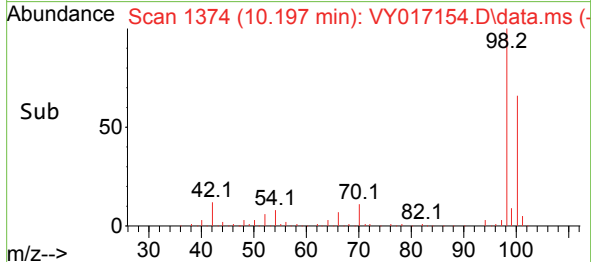
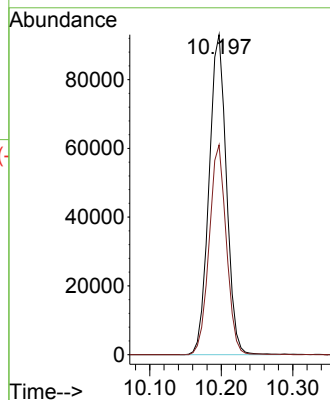
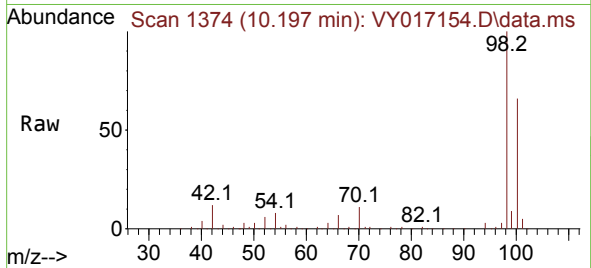




#50
Toluene-d8
Concen: 38.753 ug/l
RT: 10.197 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

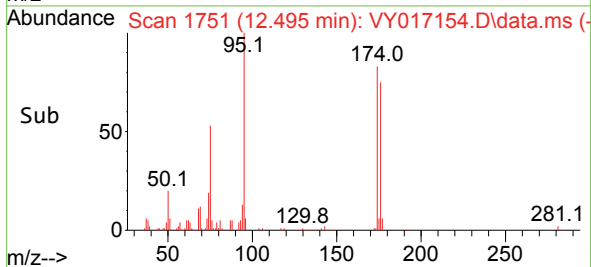
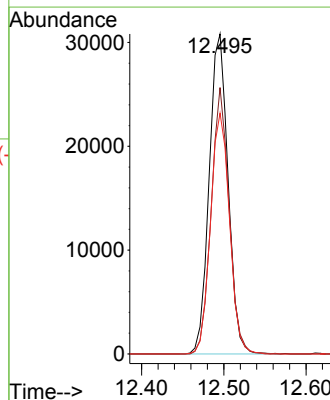
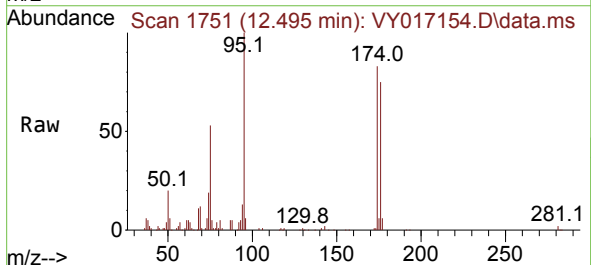
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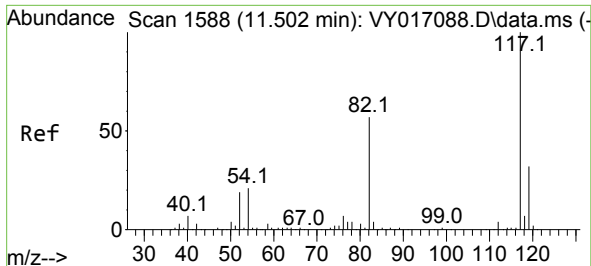
Tgt Ion: 98 Resp: 157160
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.270 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

Tgt Ion: 95 Resp: 49060
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 75.9 0.0 151.8

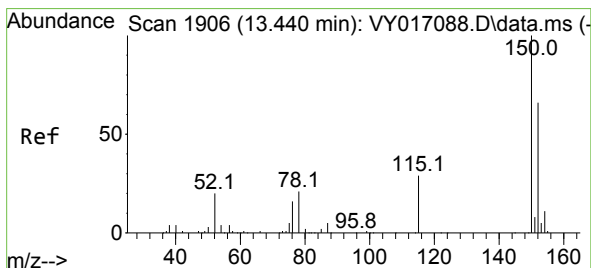
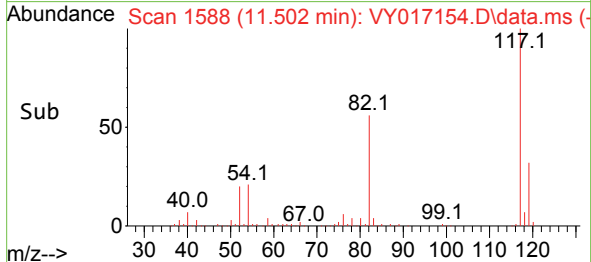
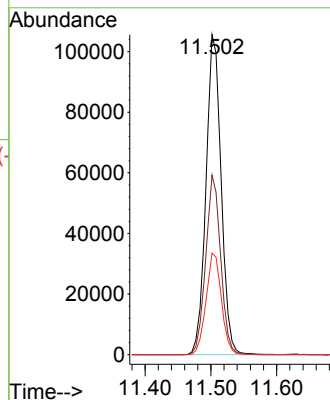
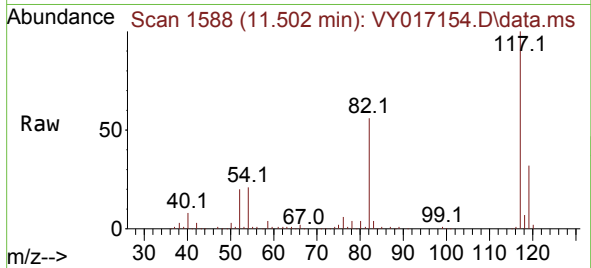




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

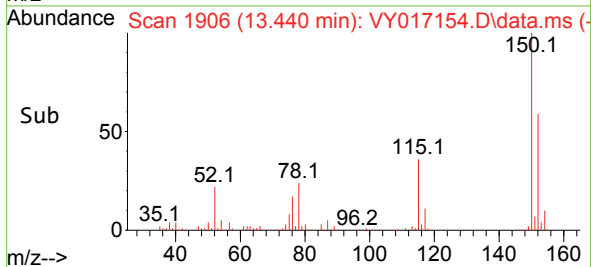
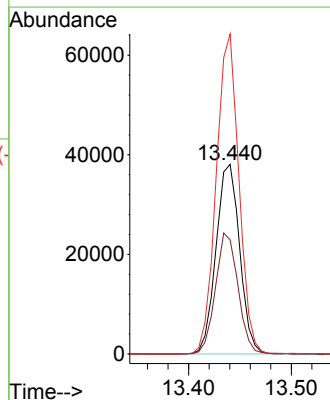
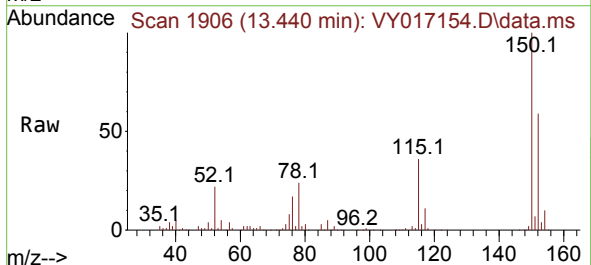
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

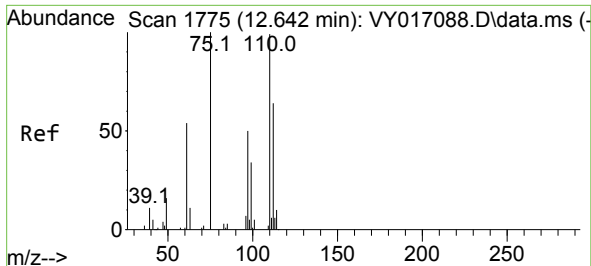
Tgt Ion:117 Resp: 169328
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

Tgt Ion:152 Resp: 60800
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.0
150 161.9 0.0 344.6

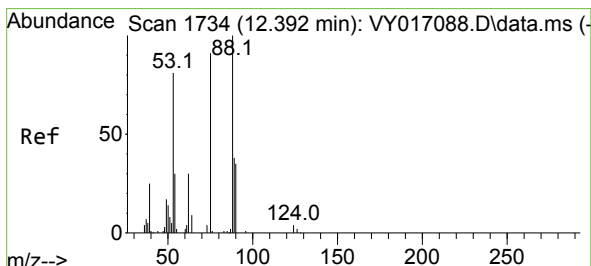
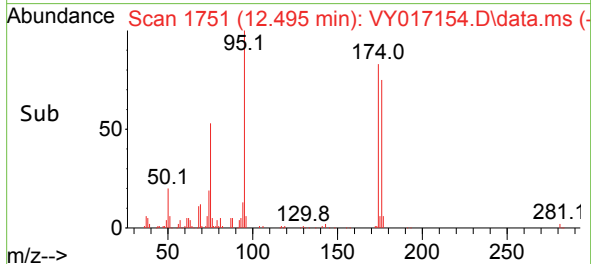
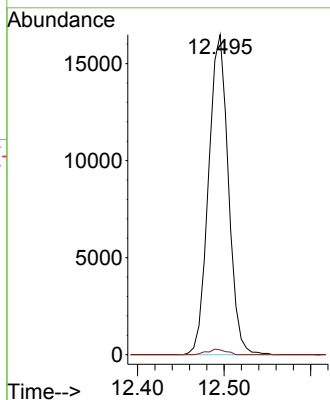
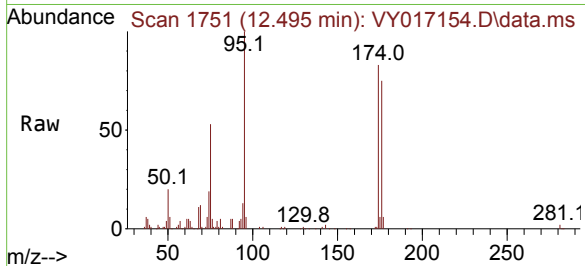




#76
1,2,3-Trichloropropane
Concen: 35.481 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

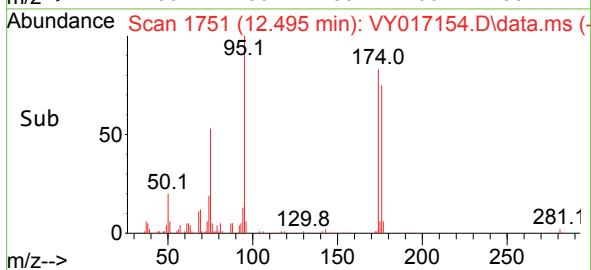
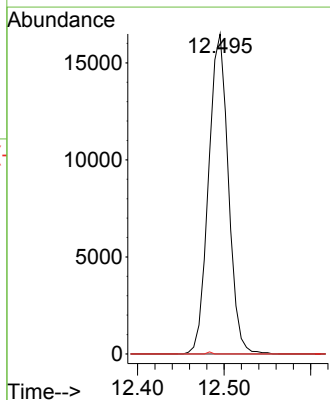
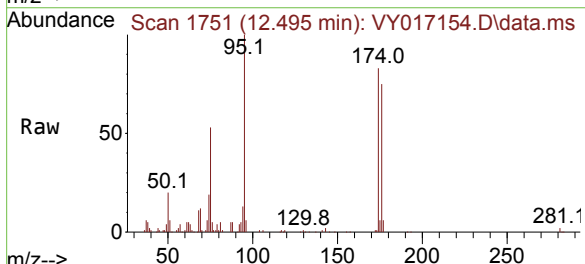
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

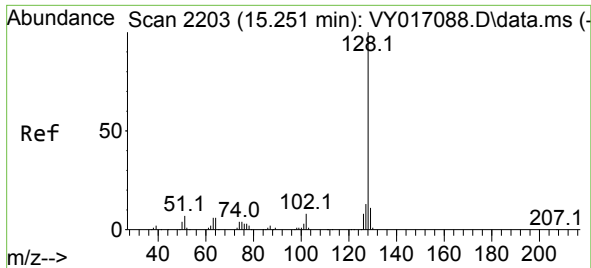
Tgt Ion: 75 Resp: 26185
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.857 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

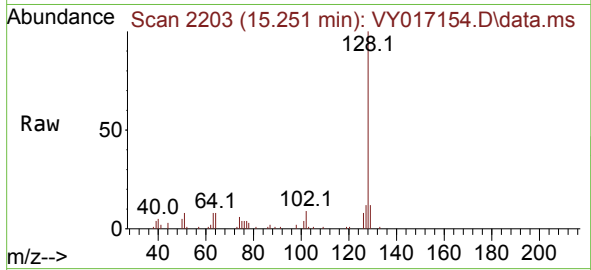
Tgt Ion: 75 Resp: 26185
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.2 36.5 54.7#





#95
Naphthalene
Concen: 8.025 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024



Tgt Ion:	128	Resp:	13506
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.1	8.6	12.8

