

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017156.D
 Acq On : 31 Jan 2024 13:37
 Operator : SY/MD
 Sample : P1295-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-013024

Quant Time: Jan 31 22:58:45 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)

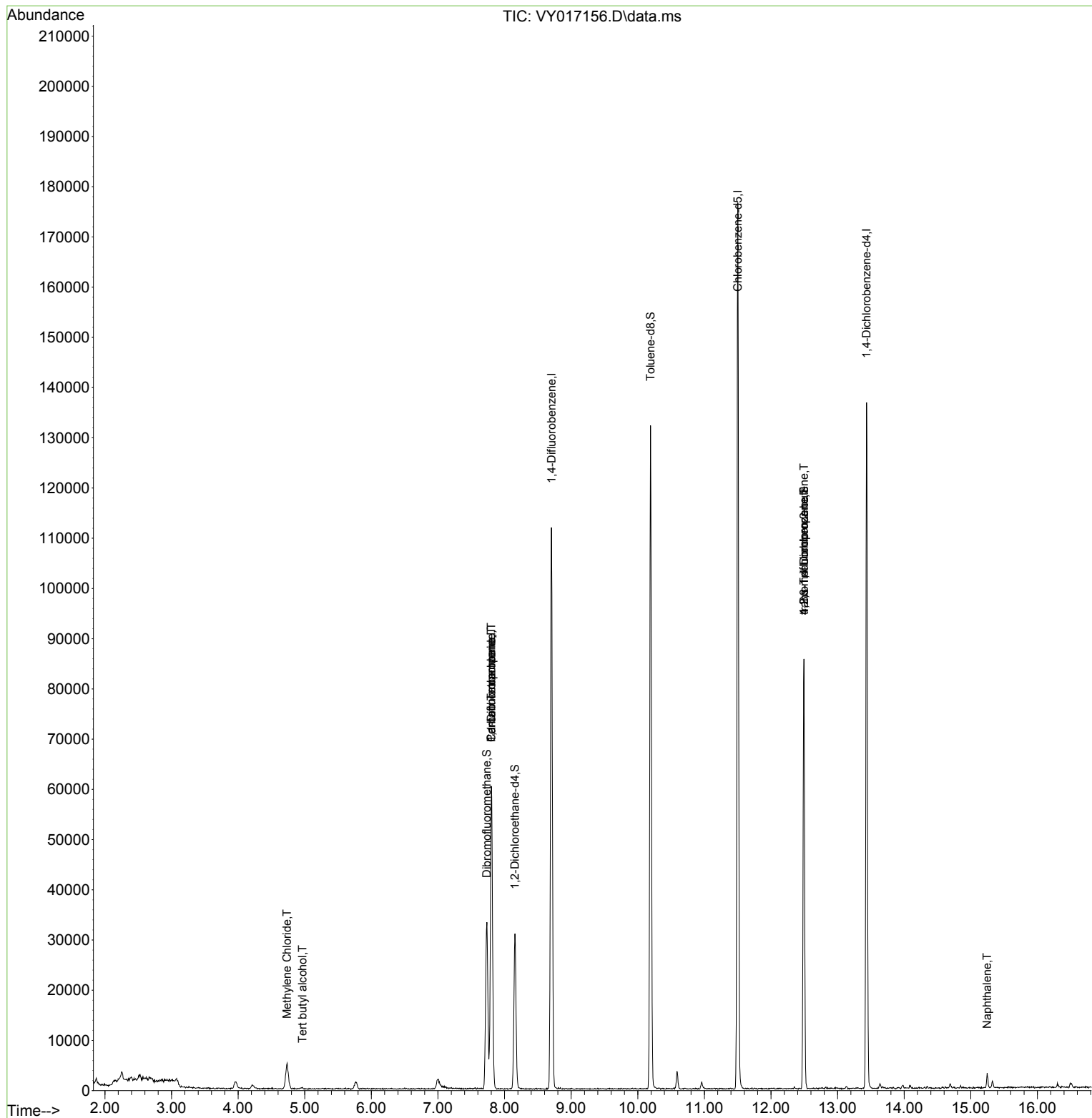
Internal Standards						
1) Pentafluorobenzene	7.801	168	44628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	94490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	93880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	33805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	23761	54.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.300%	
35) Dibromofluoromethane	7.734	113	24459	42.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.780%	
50) Toluene-d8	10.191	98	84686	39.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.640%	
62) 4-Bromofluorobenzene	12.496	95	26655	40.170	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.340%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	100	Below Cal	#	41
4) Vinyl Chloride	2.290	62	19	Below Cal	#	43
5) Bromomethane	2.674	94	220	Below Cal	#	77
6) Chloroethane	2.955	64	18	Below Cal	#	43
11) Tert butyl alcohol	4.966	59	86	2.588	ug/l #	75
16) Acetone	3.967	43	2924	Below Cal	#	85
20) Methylene Chloride	4.735	84	3611	1.588	ug/l #	82
25) 2-Butanone	7.009	43	505	Below Cal	#	48
31) Cyclohexane	7.801	56	977	Below Cal	#	1
36) 1,1-Dichloropropene	7.801	75	4208	4.485	ug/l #	49
38) Carbon Tetrachloride	7.801	117	4510	4.905	ug/l #	18
76) 1,2,3-Trichloropropane	12.496	75	14563	35.491	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	14563	91.883	ug/l #	12
95) Naphthalene	15.245	128	2272	2.428	ug/l	98

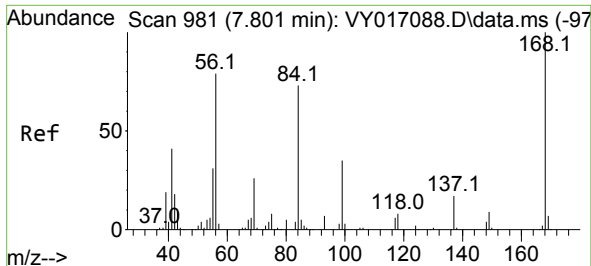
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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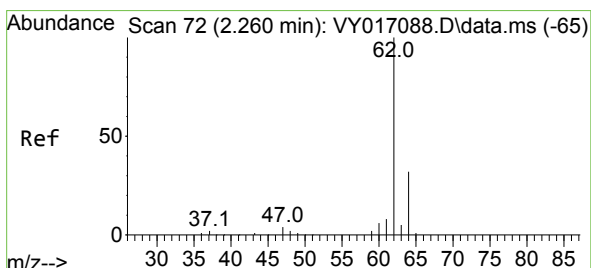
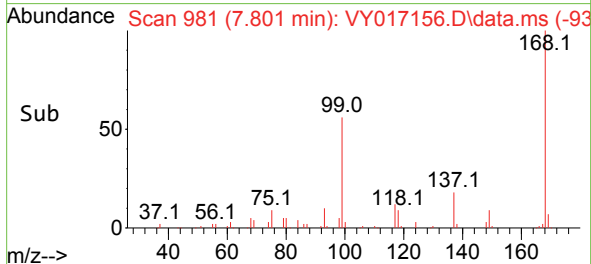
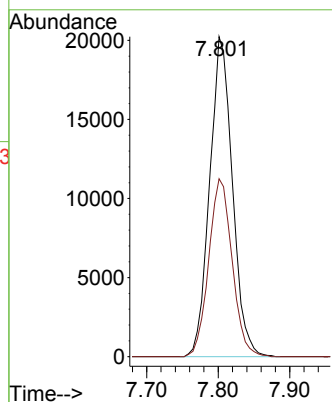
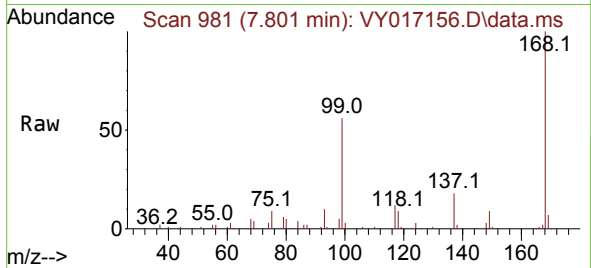




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

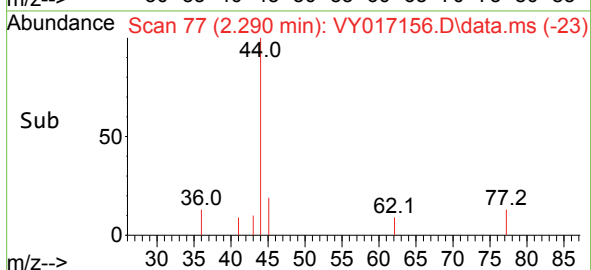
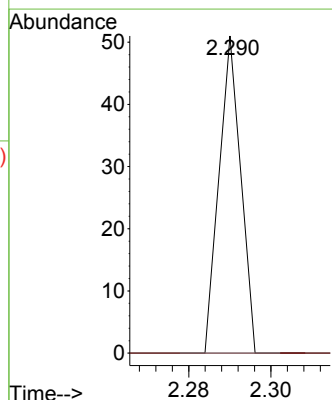
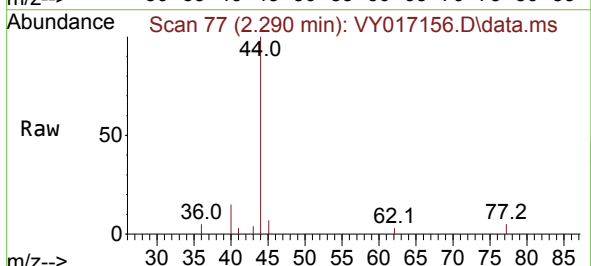
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

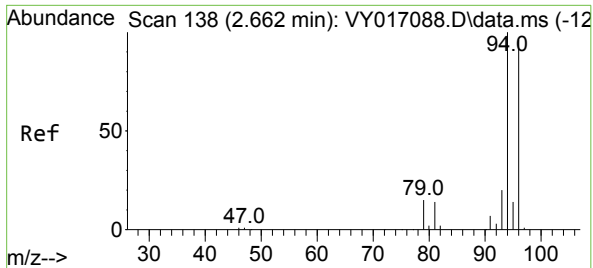
Tgt Ion:168 Resp: 44628
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.290 min Scan# 77
Delta R.T. 0.031 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

Tgt Ion: 62 Resp: 19
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017156.D

Acq: 31 Jan 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

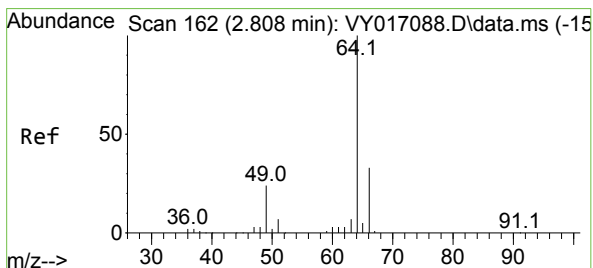
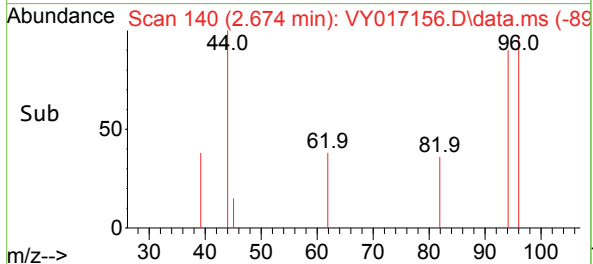
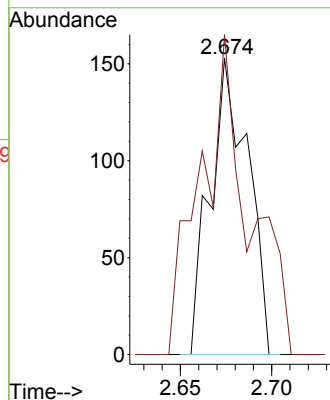
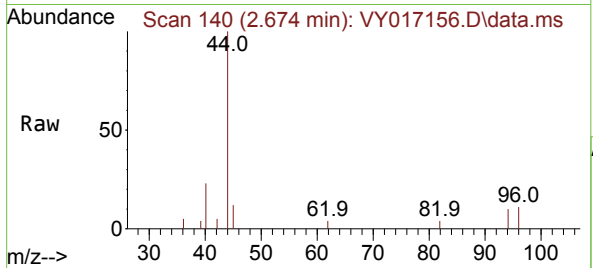
OK-02-013024

Tgt Ion: 94 Resp: 220

Ion Ratio Lower Upper

94 100

96 73.9 77.3 115.9#



#6

Chloroethane

Concen: Below Cal

RT: 2.955 min Scan# 186

Delta R.T. 0.147 min

Lab File: VY017156.D

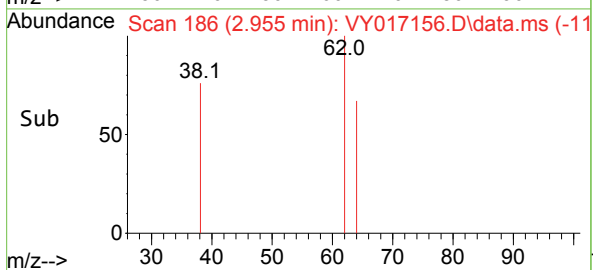
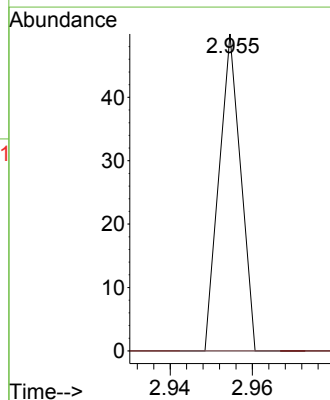
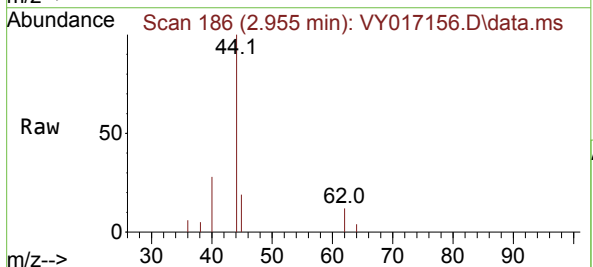
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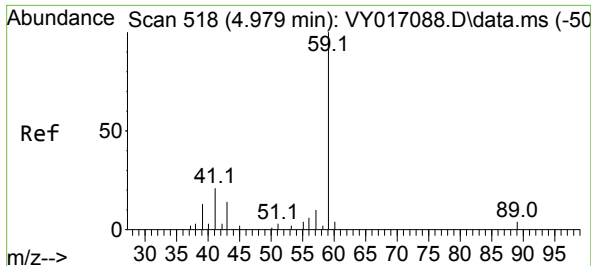
Tgt Ion: 64 Resp: 18

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#

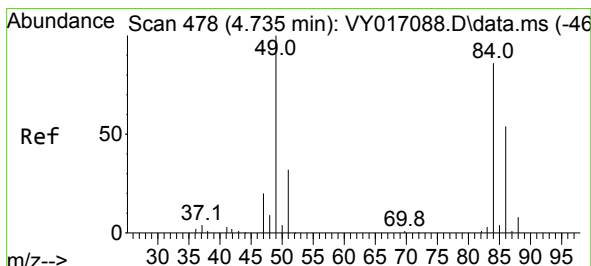
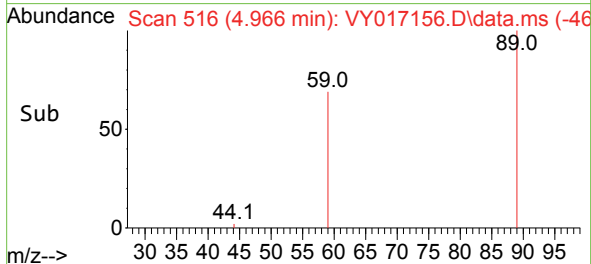
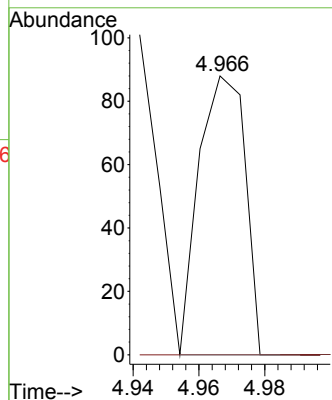
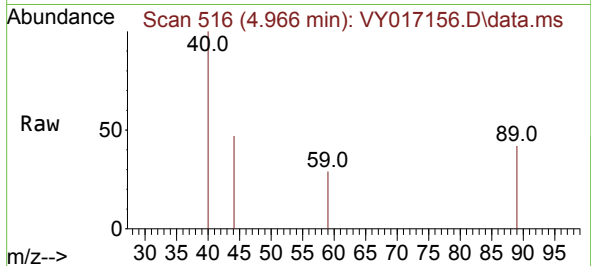




#11
Tert butyl alcohol
Concen: 2.588 ug/l
RT: 4.966 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

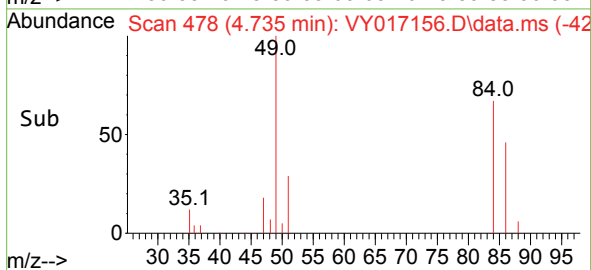
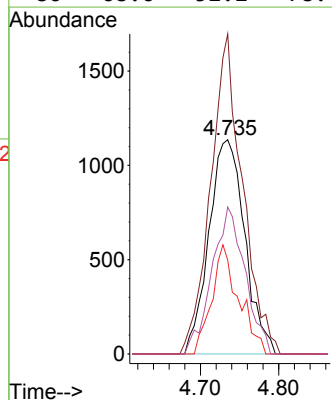
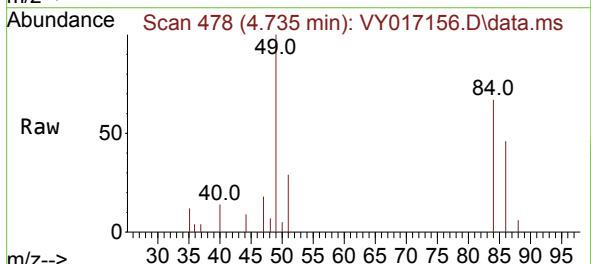
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

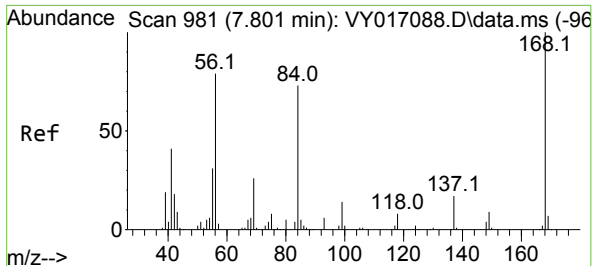
Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: 1.588 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

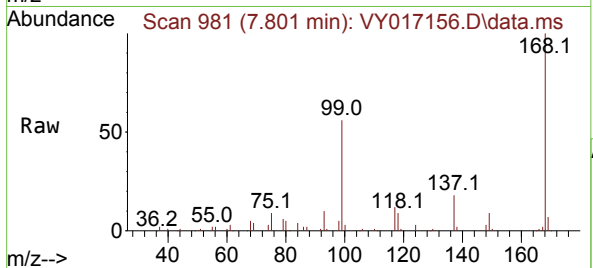
Tgt Ion: 84 Resp: 3611
Ion Ratio Lower Upper
84 100
49 149.4 95.2 142.8#
51 43.8 29.9 44.9
86 68.6 52.2 78.4



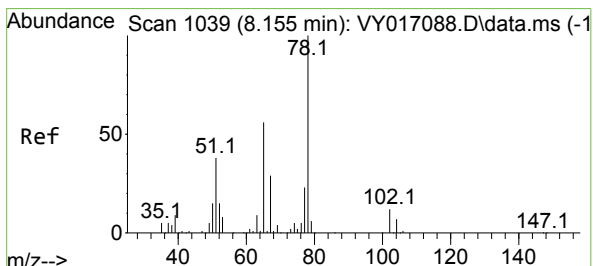
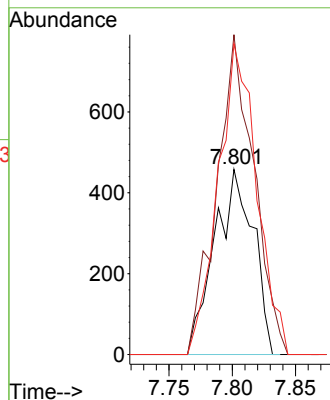
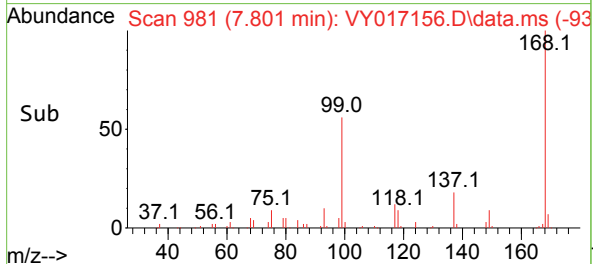


#31
Cyclohexane
Concen: Below Cal
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

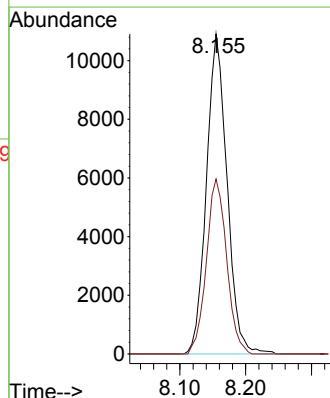
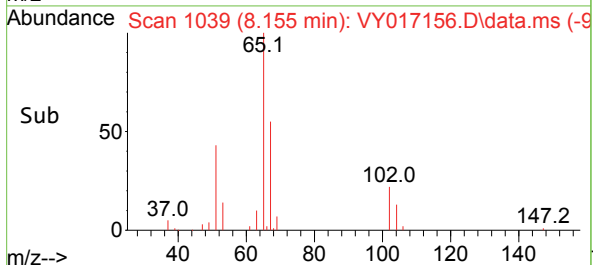
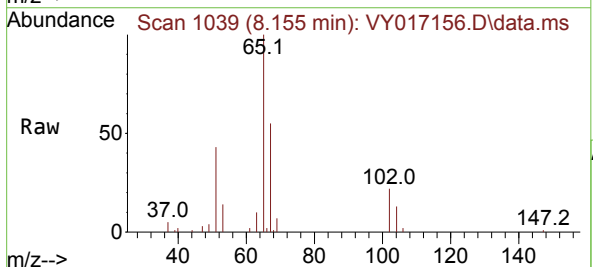


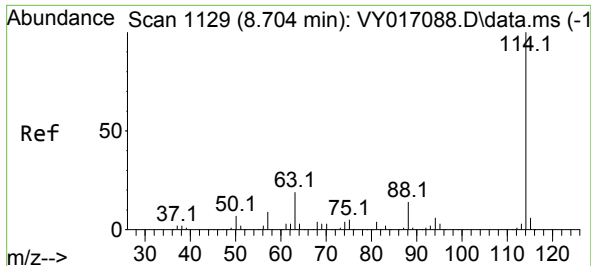
Tgt Ion: 56 Resp: 977
Ion Ratio Lower Upper
56 100
69 172.7 27.0 40.6#
84 167.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.646 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

Tgt Ion: 65 Resp: 23761
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0

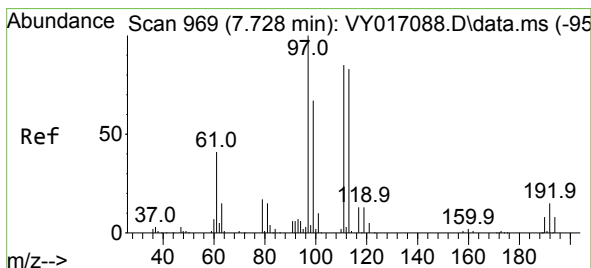
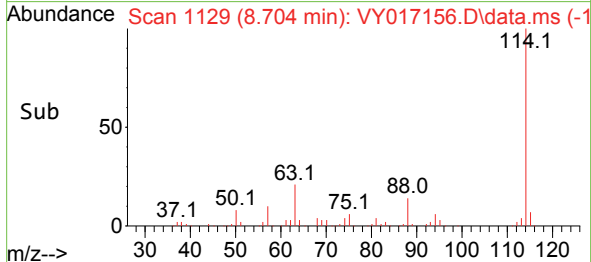
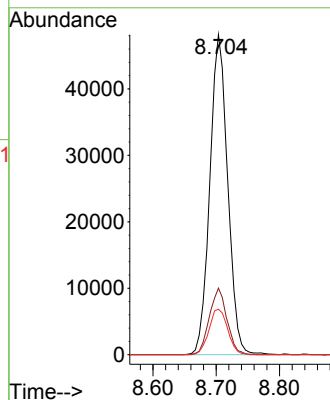
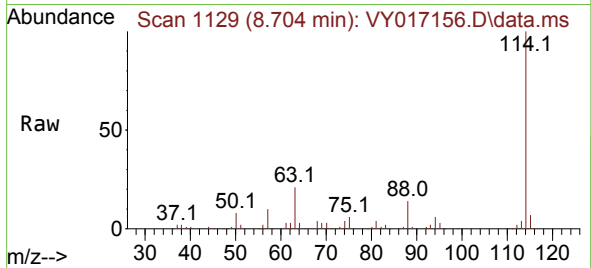




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.001 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

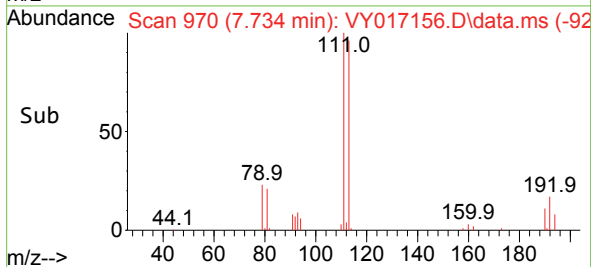
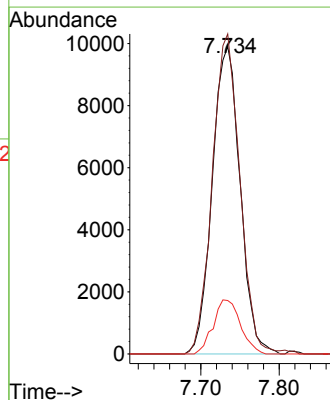
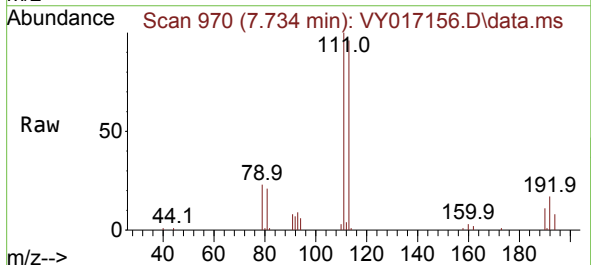
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

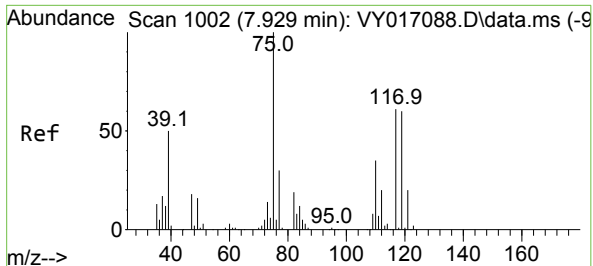
Tgt Ion:114 Resp: 94490
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.4
88 14.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 42.889 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

Tgt Ion:113 Resp: 24459
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 17.2 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.485 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY017156.D

Acq: 31 Jan 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-013024

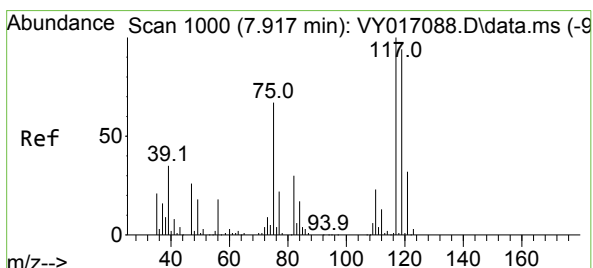
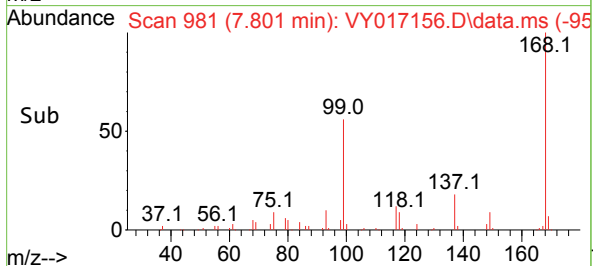
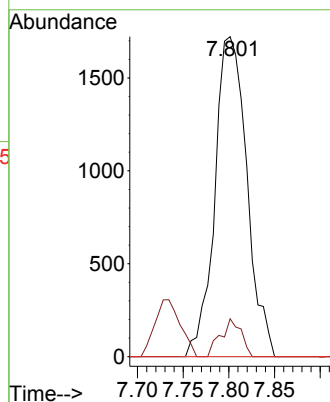
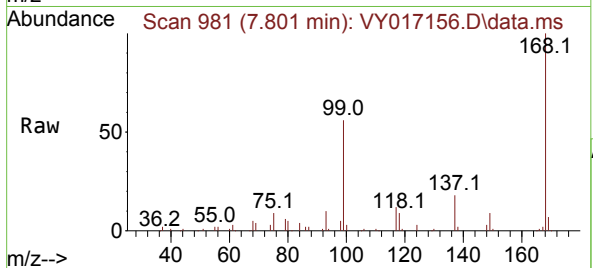
Tgt Ion: 75 Resp: 4208

Ion Ratio Lower Upper

75 100

110 7.6 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.905 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY017156.D

Acq: 31 Jan 2024 13:37

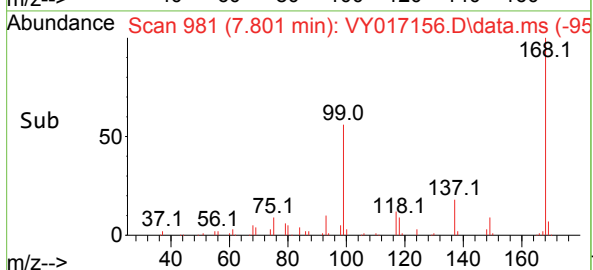
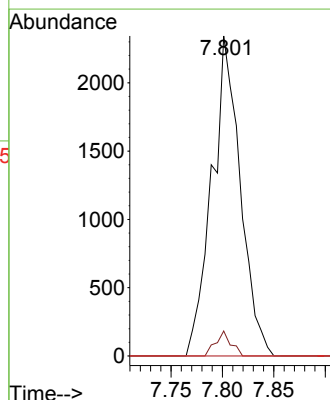
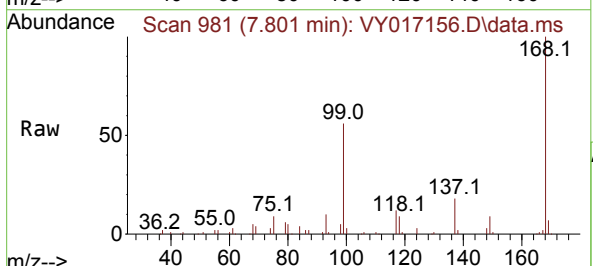
Tgt Ion: 117 Resp: 4510

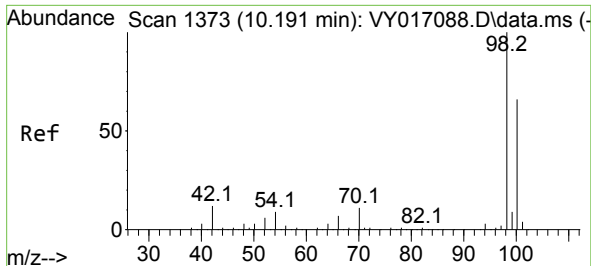
Ion Ratio Lower Upper

117 100

119 7.8 76.0 114.0#

121 0.0 24.2 36.2#

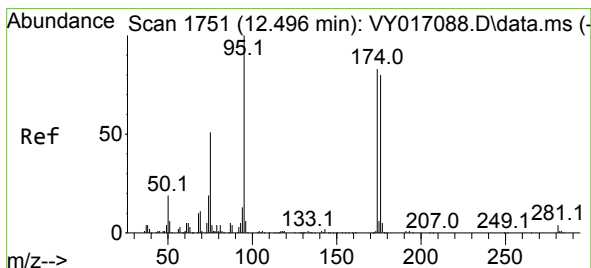
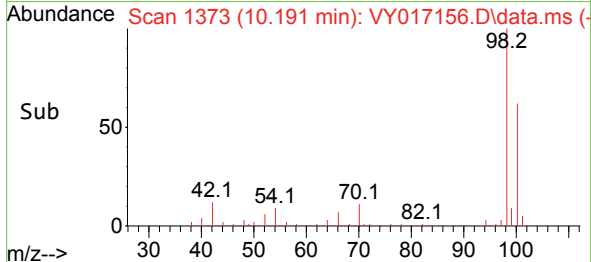
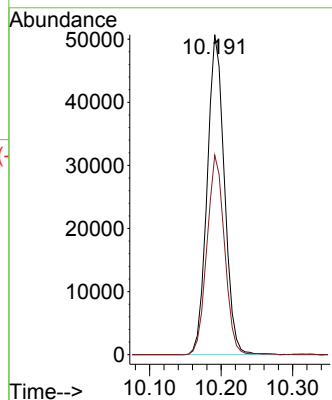
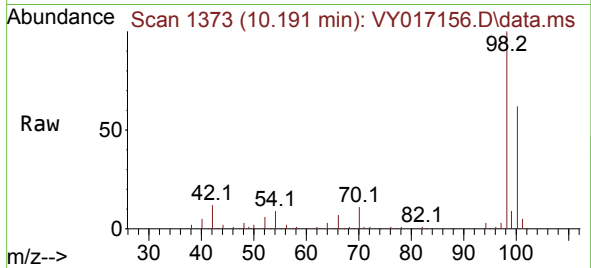




#50
Toluene-d8
Concen: 39.316 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

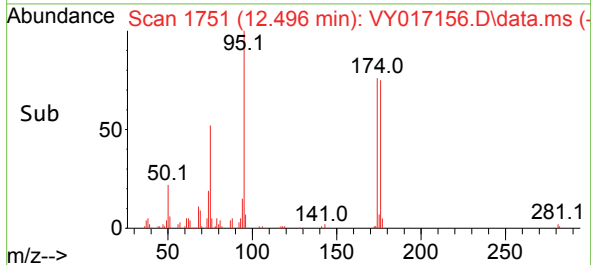
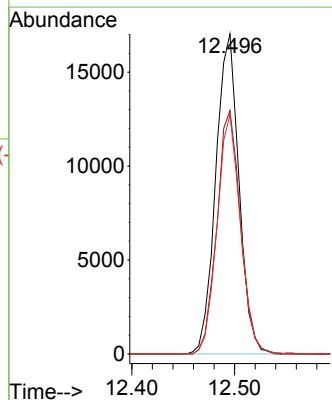
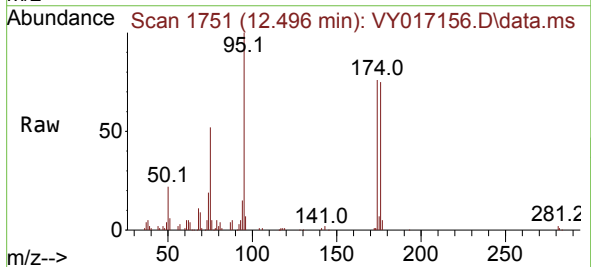
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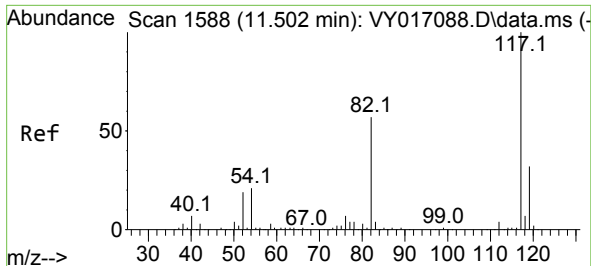
Tgt Ion: 98 Resp: 84686
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 40.170 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

Tgt Ion: 95 Resp: 26655
Ion Ratio Lower Upper
95 100
174 77.4 0.0 160.0
176 74.9 0.0 151.8

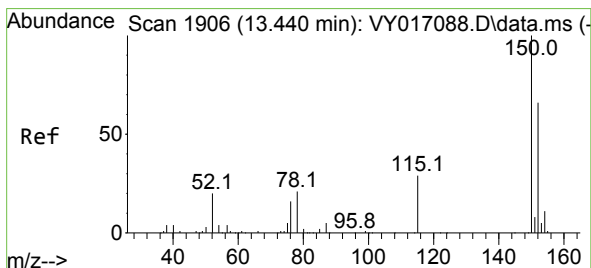
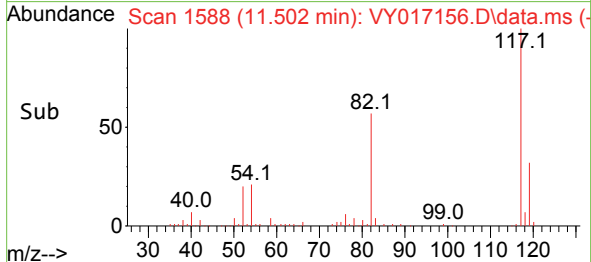
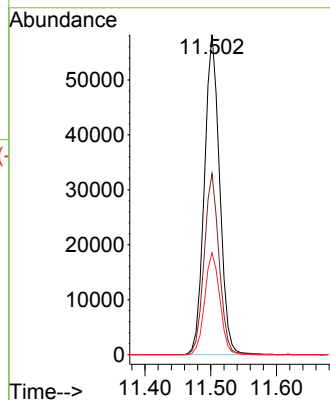
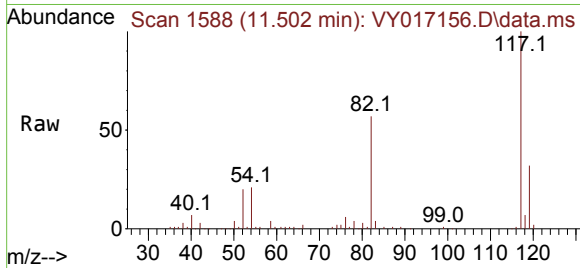




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

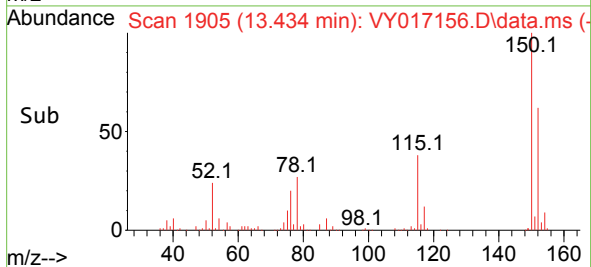
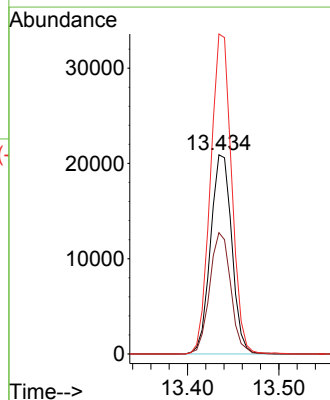
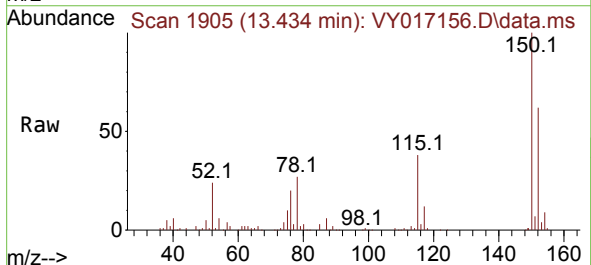
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

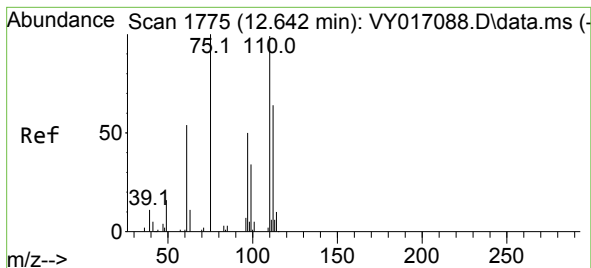
Tgt Ion:	117	Resp:	93880
Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.8	65.8
119	31.9	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

Tgt Ion:	152	Resp:	33805
Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.0	90.0
150	159.6	0.0	344.6

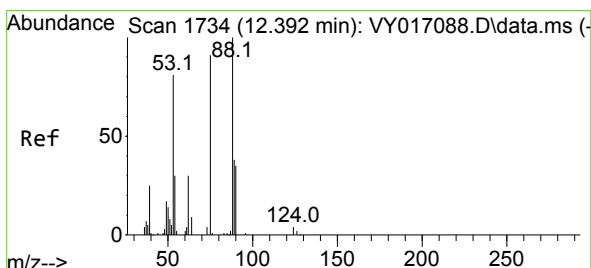
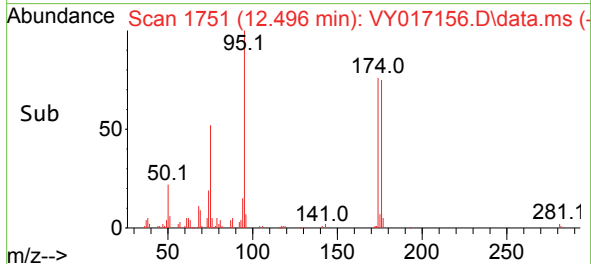
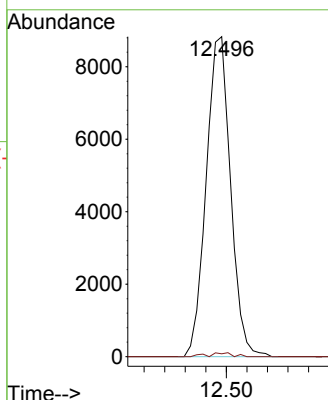
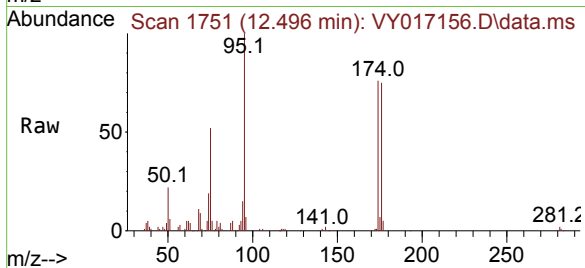




#76
1,2,3-Trichloropropane
Concen: 35.491 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

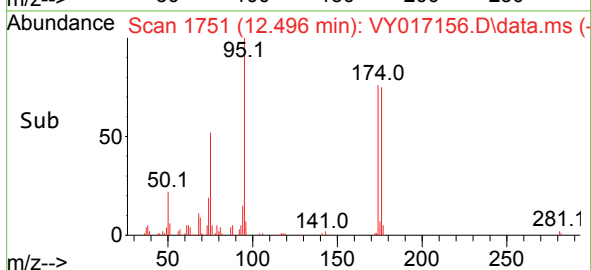
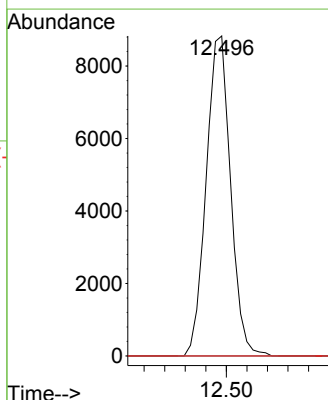
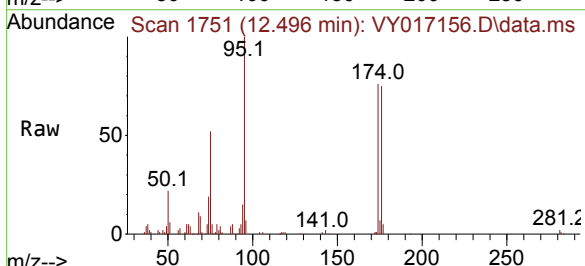
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

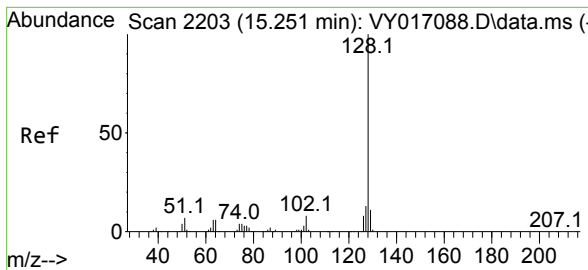
Tgt Ion: 75 Resp: 14563
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.883 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.111 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

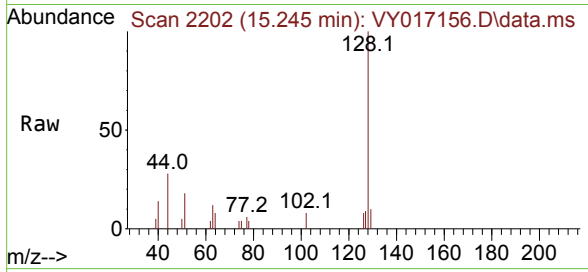
Tgt Ion: 75 Resp: 14563
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 2.428 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024



Tgt Ion:	128	Resp:	2272
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	11.3	8.6	12.8

