

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017507.D
 Acq On : 27 Feb 2024 19:23
 Operator : SY/MD
 Sample : P1612-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-022724

Quant Time: Feb 28 00:21:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

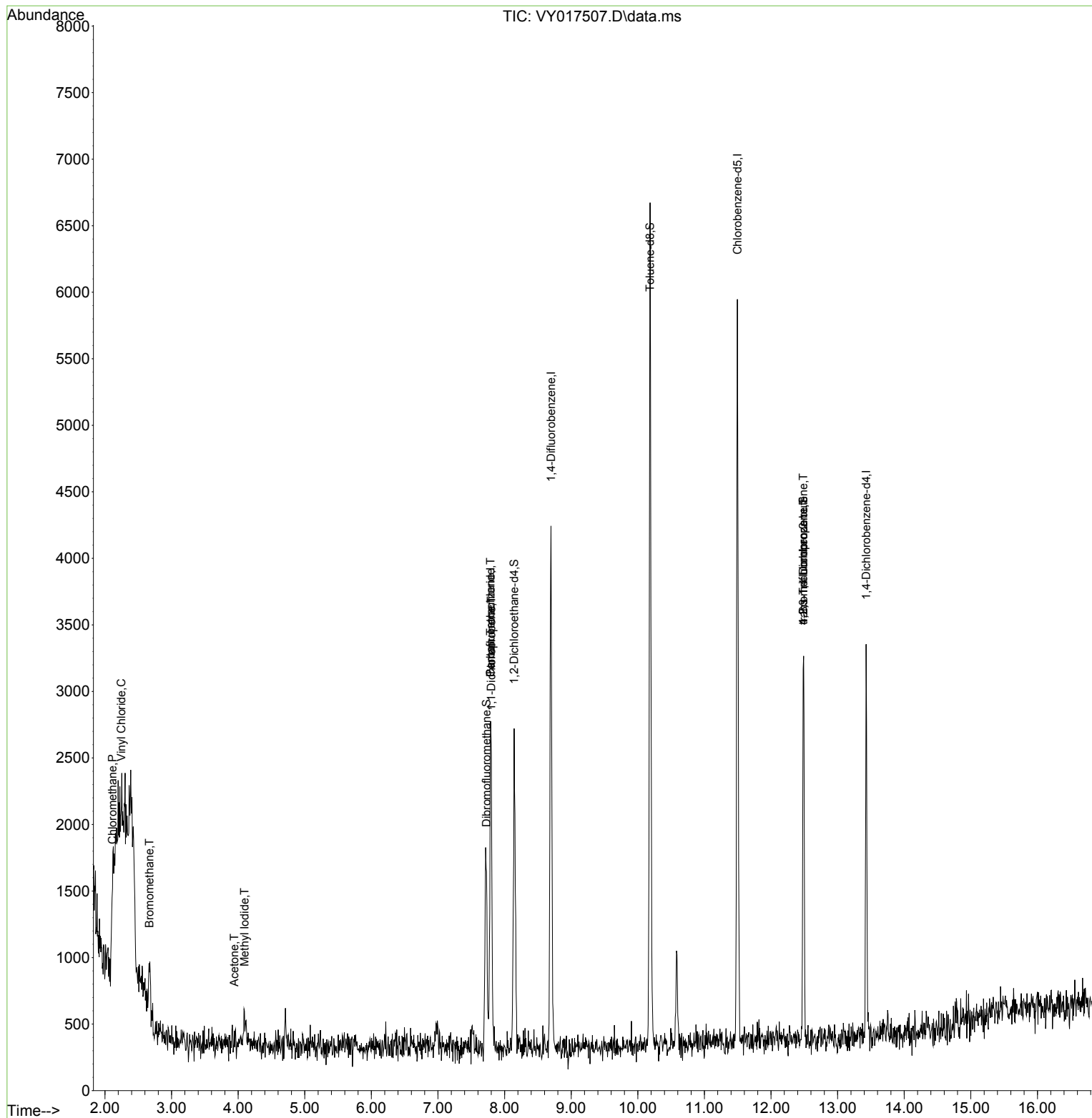
Internal Standards						
1) Pentafluorobenzene	7.789	168	2640	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	4486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1885	75.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.680%	
35) Dibromofluoromethane	7.728	113	1345	43.026	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.060%	
50) Toluene-d8	10.185	98	4614	42.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.440%	
62) 4-Bromofluorobenzene	12.483	95	1041	30.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 60.620%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	172	4.834	ug/l	# 43
4) Vinyl Chloride	2.247	62	112	2.454	ug/l	# 42
5) Bromomethane	2.668	94	161	4.328	ug/l	92
10) Methyl Iodide	4.095	142	245	8.158	ug/l	# 61
16) Acetone	3.942	43	32	6.594	ug/l	# 36
20) Methylene Chloride	4.704	84	153	Below Cal	#	64
36) 1,1-Dichloropropene	7.801	75	100	2.371	ug/l	# 40
38) Carbon Tetrachloride	7.789	117	133	3.146	ug/l	# 13
76) 1,2,3-Trichloropropane	12.483	75	477	56.030	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	477	128.743	ug/l	# 16

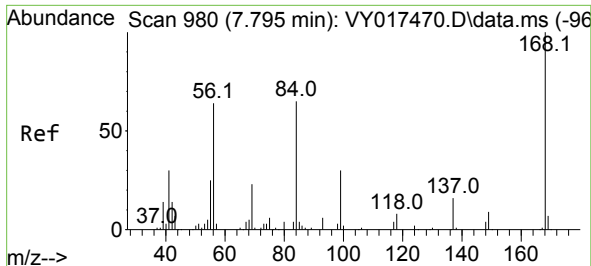
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
Data File : VY017507.D
Acq On : 27 Feb 2024 19:23
Operator : SY/MD
Sample : P1612-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022724

Quant Time: Feb 28 00:21:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

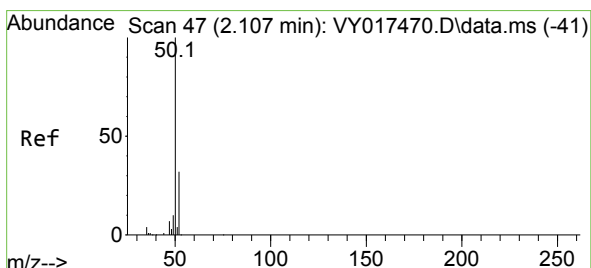
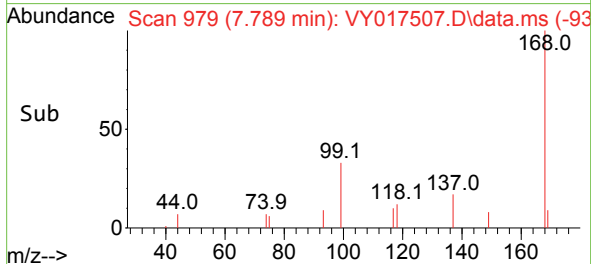
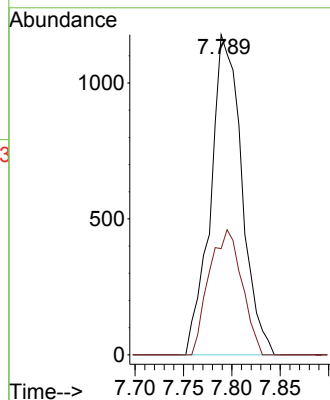
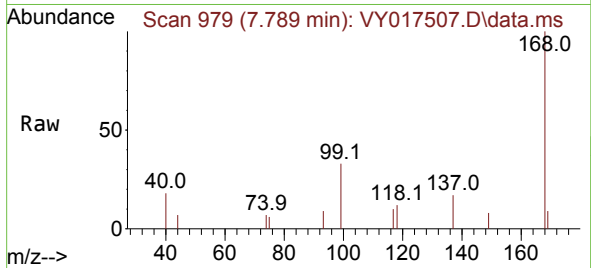




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

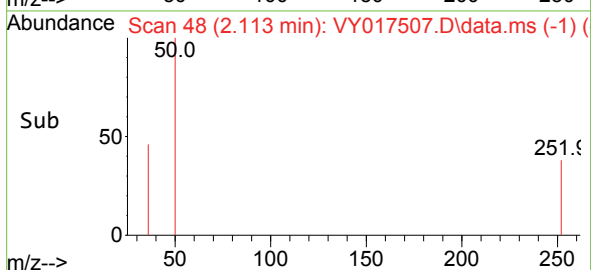
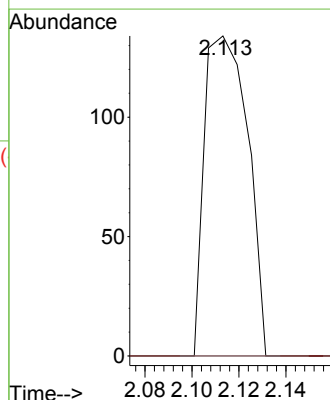
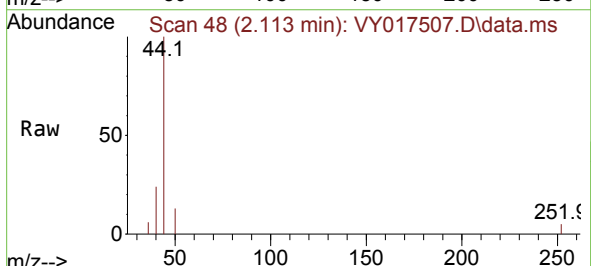
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022724

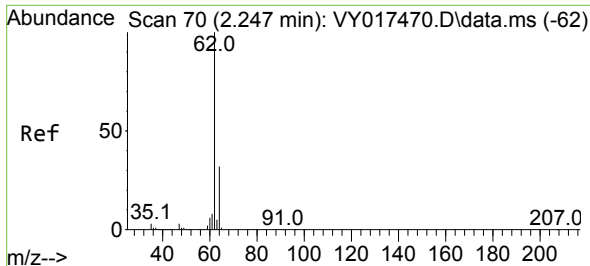
Tgt Ion:168 Resp: 2640
Ion Ratio Lower Upper
168 100
99 33.2 39.1 58.7#



#3
Chloromethane
Concen: 4.834 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

Tgt Ion: 50 Resp: 172
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

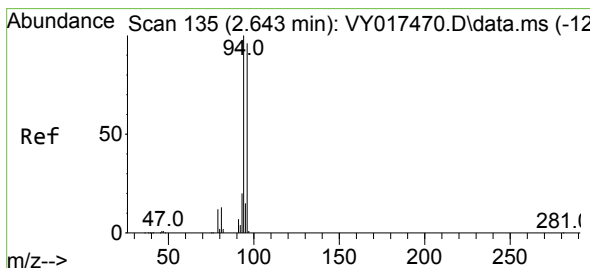
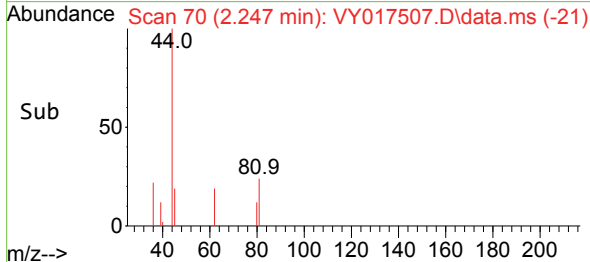
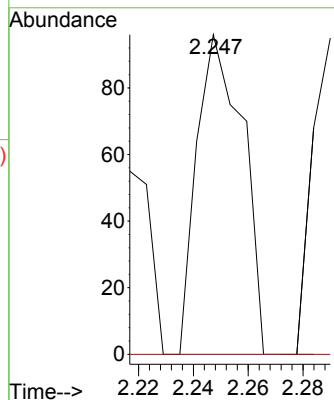
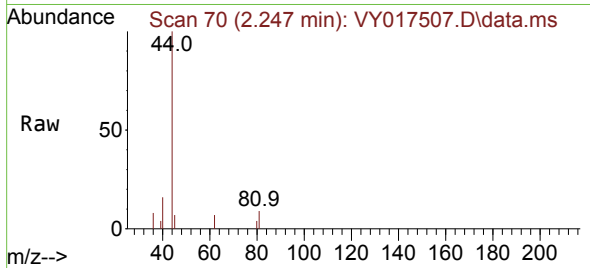




#4
 Vinyl Chloride
 Concen: 2.454 ug/l
 RT: 2.247 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VY017507.D
 Acq: 27 Feb 2024 19:23

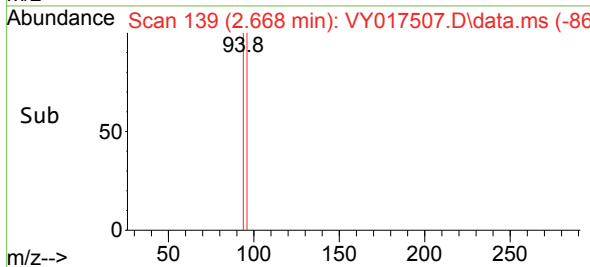
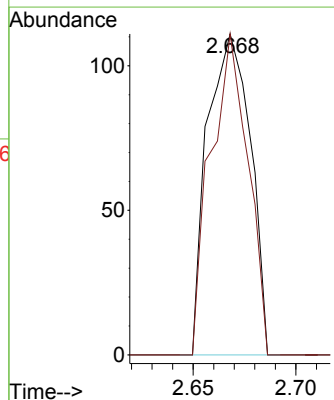
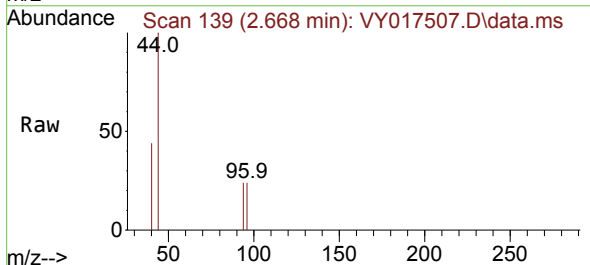
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-022724

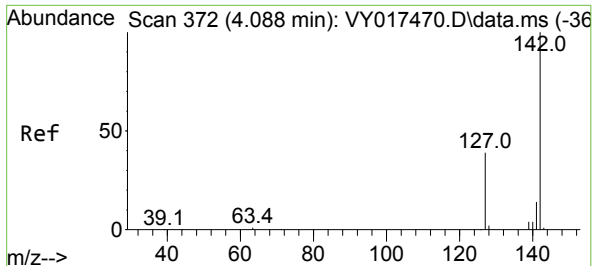
Tgt Ion: 62 Resp: 112
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 4.328 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.025 min
 Lab File: VY017507.D
 Acq: 27 Feb 2024 19:23

Tgt Ion: 94 Resp: 161
 Ion Ratio Lower Upper
 94 100
 96 100.0 74.1 111.1





#10

Methyl Iodide

Concen: 8.158 ug/l

RT: 4.095 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY017507.D

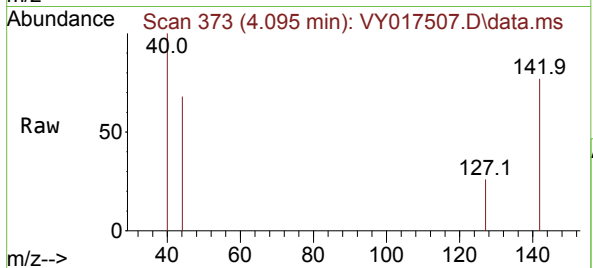
Acq: 27 Feb 2024 19:23

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-022724



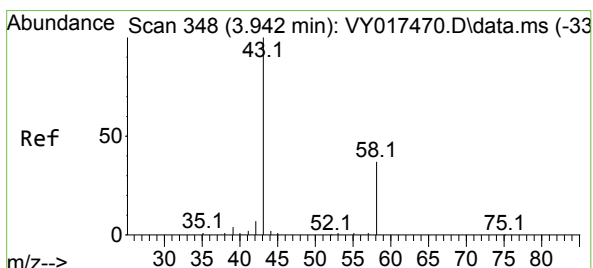
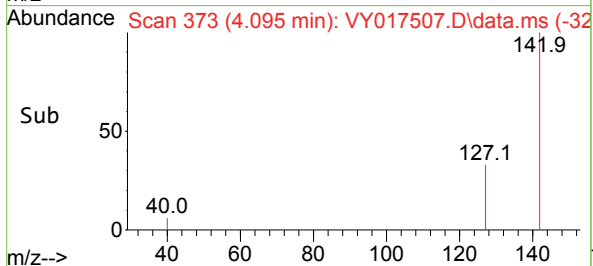
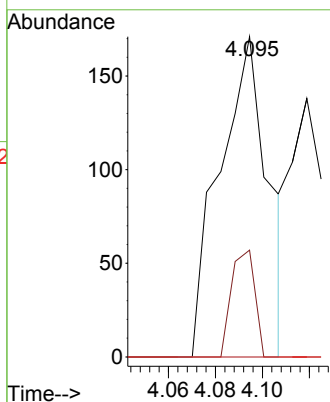
Tgt Ion:142 Resp: 245

Ion Ratio Lower Upper

142 100

127 15.9 32.8 49.2#

141 0.0 11.4 17.2#



#16

Acetone

Concen: 6.594 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY017507.D

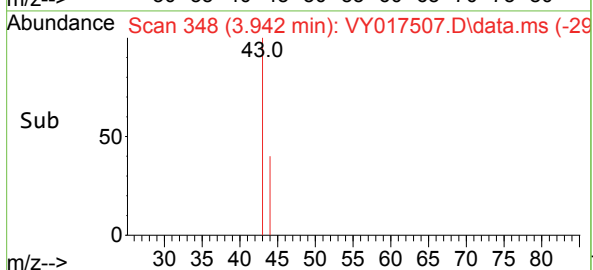
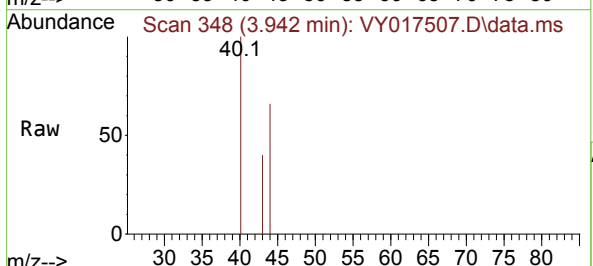
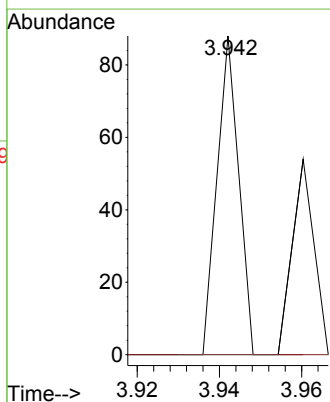
Acq: 27 Feb 2024 19:23

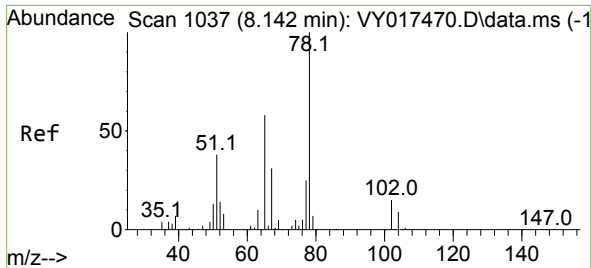
Tgt Ion: 43 Resp: 32

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#

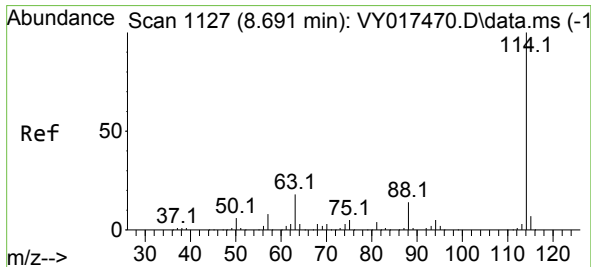
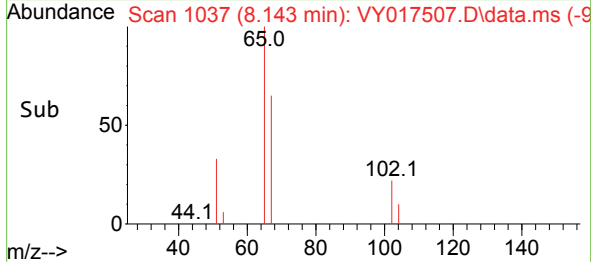
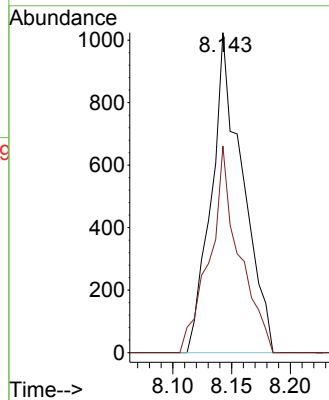
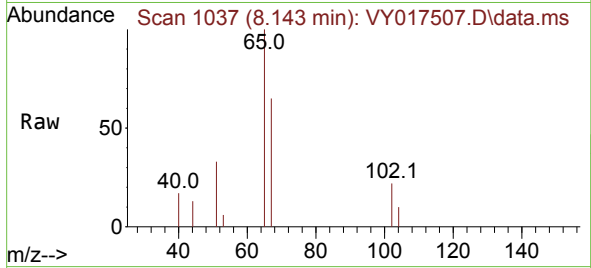




#33
1,2-Dichloroethane-d4
Concen: 75.339 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

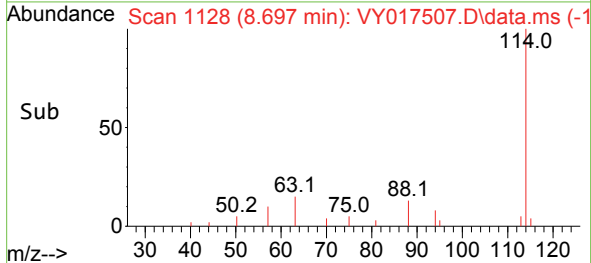
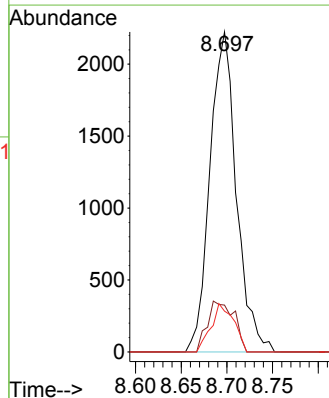
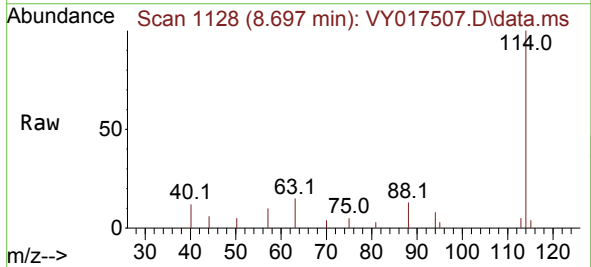
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022724

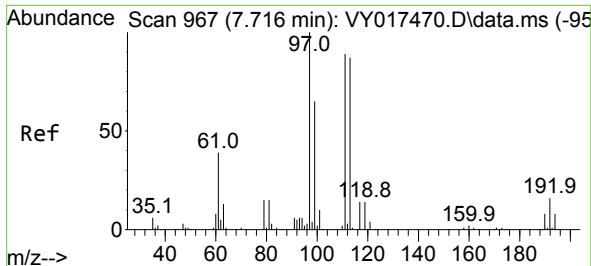
Tgt Ion: 65 Resp: 1885
Ion Ratio Lower Upper
65 100
67 61.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

Tgt Ion:114 Resp: 4486
Ion Ratio Lower Upper
114 100
63 14.7 0.0 35.0
88 12.7 0.0 27.2

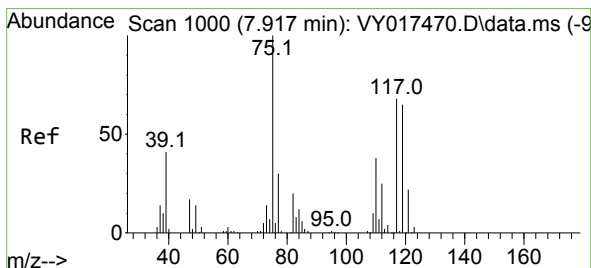
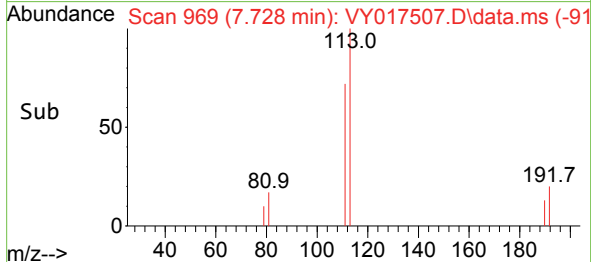
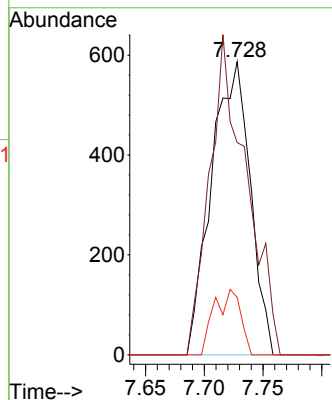
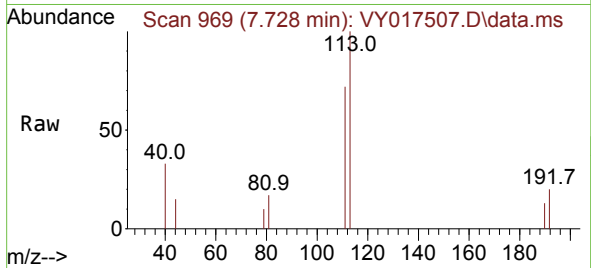




#35
Dibromofluoromethane
Concen: 43.026 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

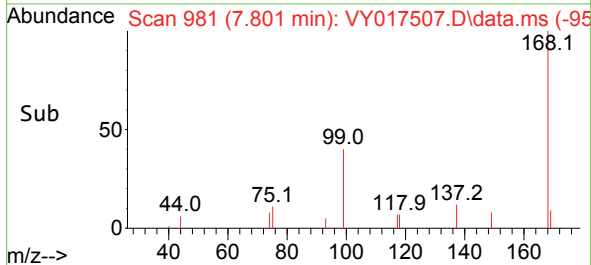
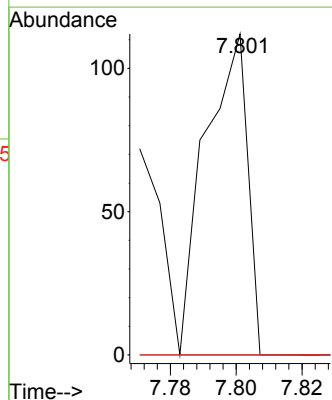
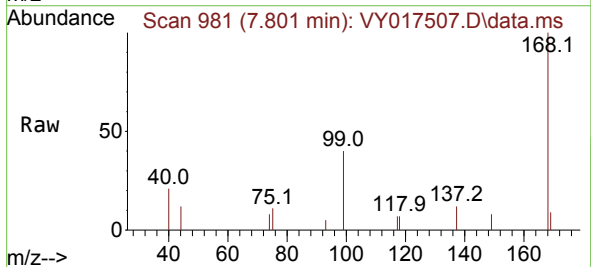
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022724

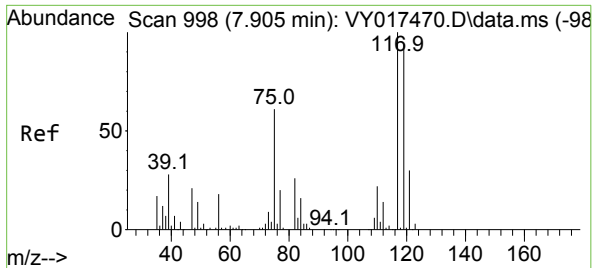
Tgt Ion:113 Resp: 1345
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 15.2 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 2.371 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

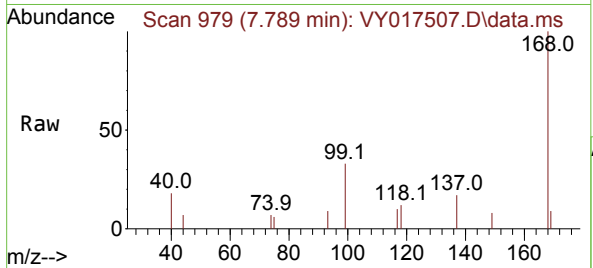
Tgt Ion: 75 Resp: 100
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



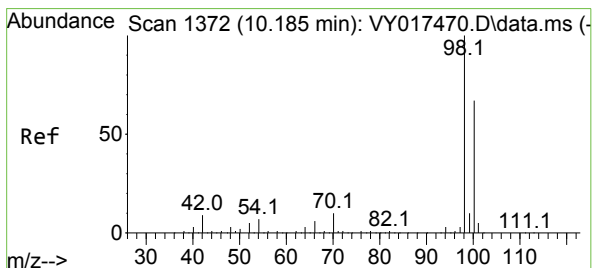
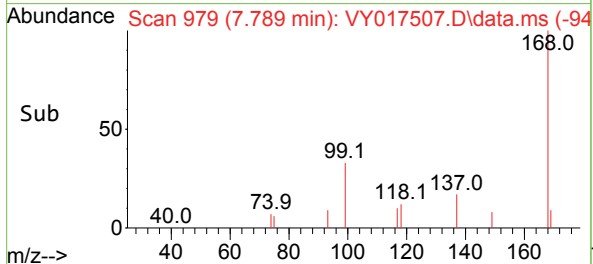
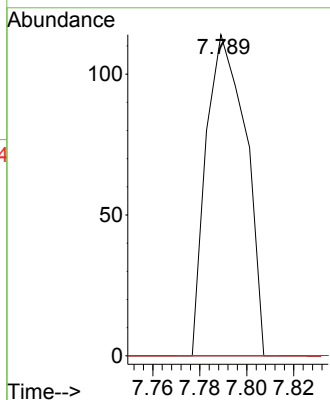


#38
Carbon Tetrachloride
Concen: 3.146 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022724

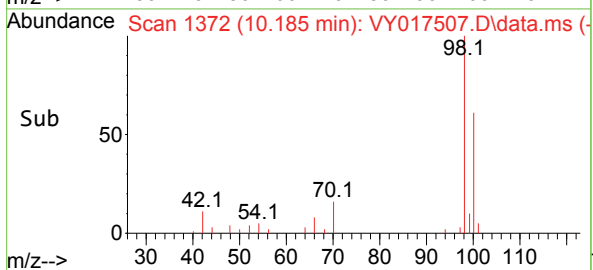
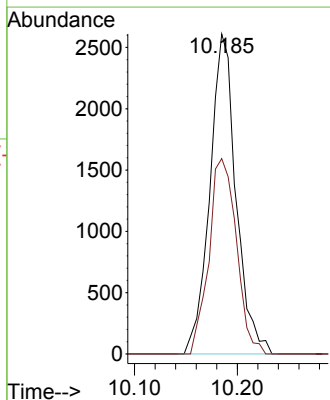
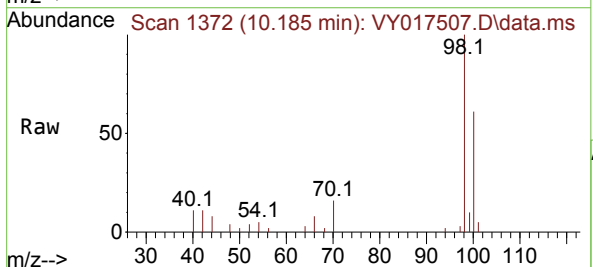


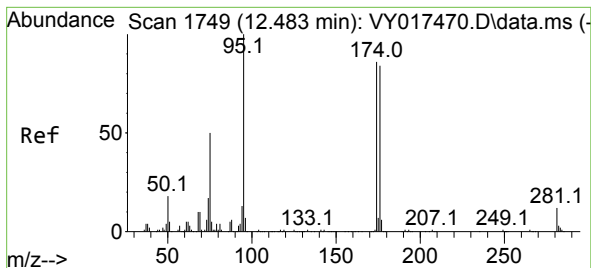
Tgt Ion:117 Resp: 133
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 42.216 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

Tgt Ion: 98 Resp: 4614
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

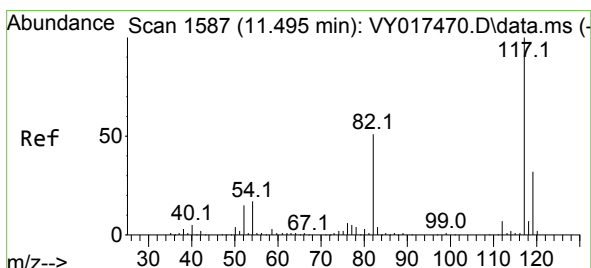
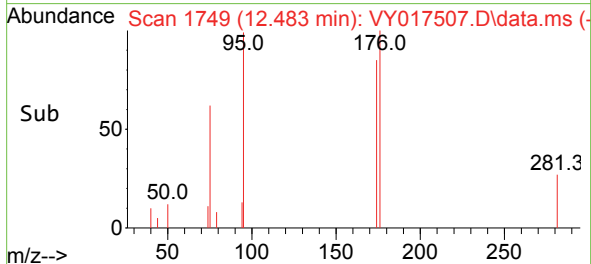
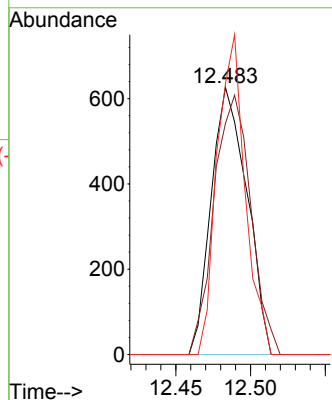
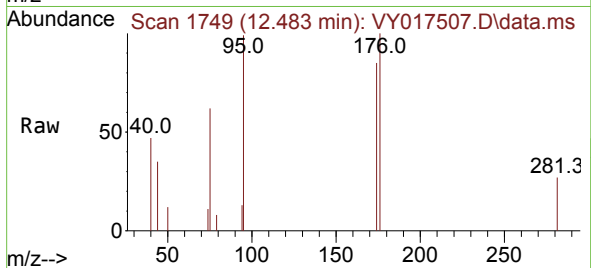




#62
4-Bromofluorobenzene
Concen: 30.307 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

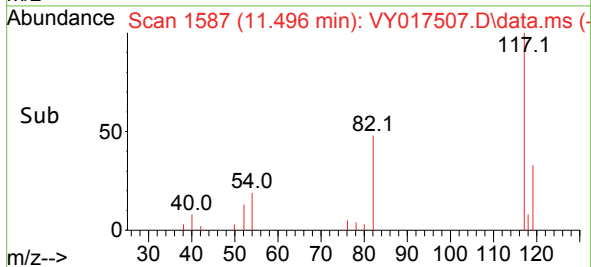
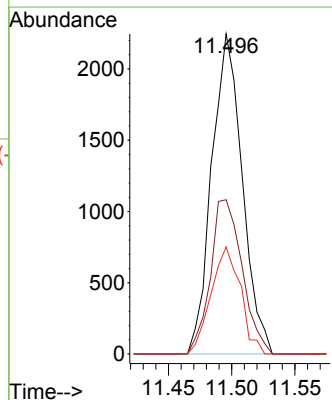
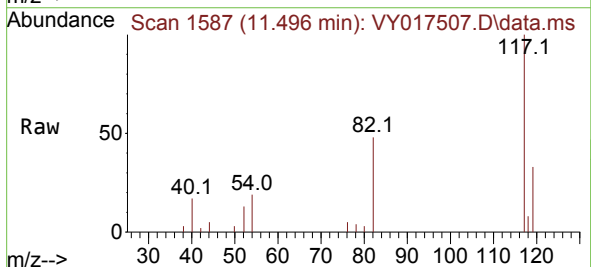
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022724

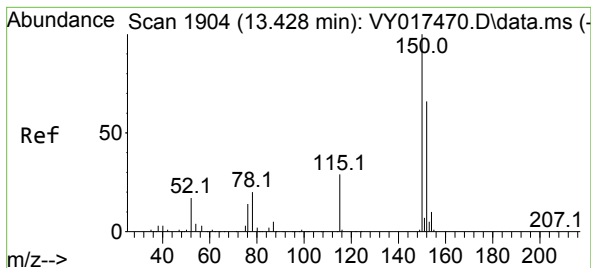
Tgt Ion: 95 Resp: 1041
Ion Ratio Lower Upper
95 100
174 100.0 0.0 175.6
176 93.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017507.D
Acq: 27 Feb 2024 19:23

Tgt Ion: 117 Resp: 3766
Ion Ratio Lower Upper
117 100
82 48.2 42.4 63.6
119 33.5 25.9 38.9

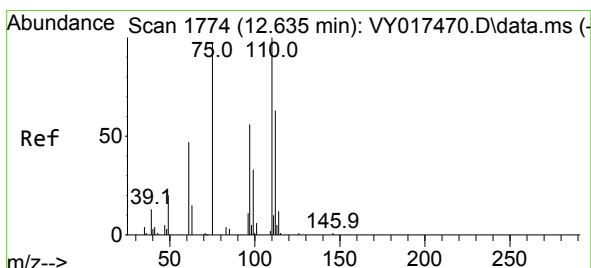
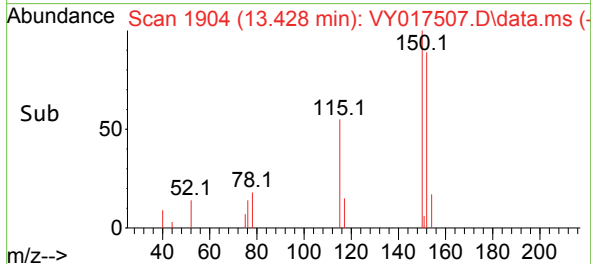
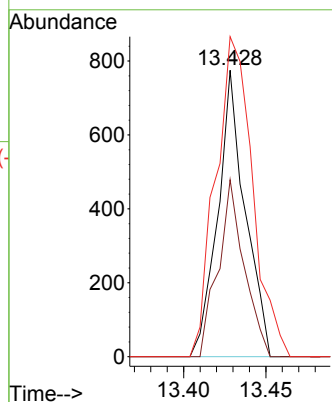
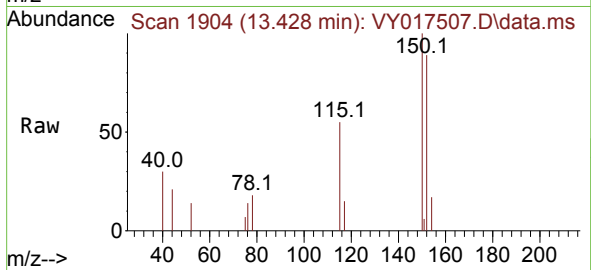




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017507.D
 Acq: 27 Feb 2024 19:23

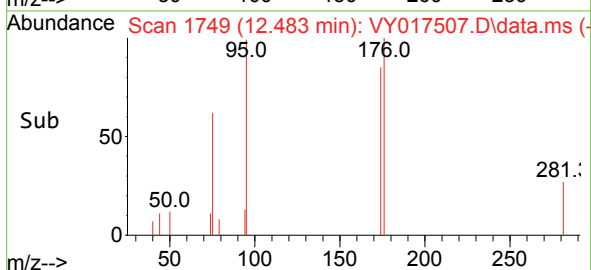
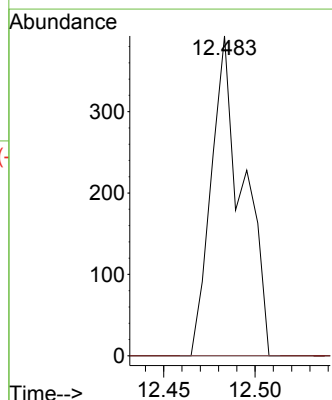
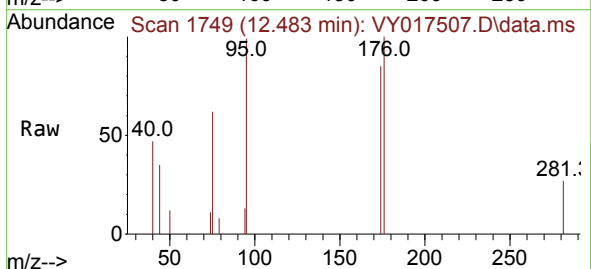
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-022724

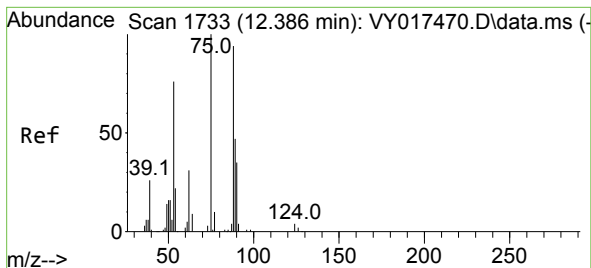
Tgt Ion:152 Resp: 896
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.2 84.7
 150 150.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 56.030 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017507.D
 Acq: 27 Feb 2024 19:23

Tgt Ion: 75 Resp: 477
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.743 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY017507.D
 Acq: 27 Feb 2024 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-022724

Tgt Ion: 75 Resp: 477
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

