

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016005.D
 Acq On : 17 Oct 2023 15:34
 Operator : SY/MD
 Sample : 04908-04
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 06:08:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

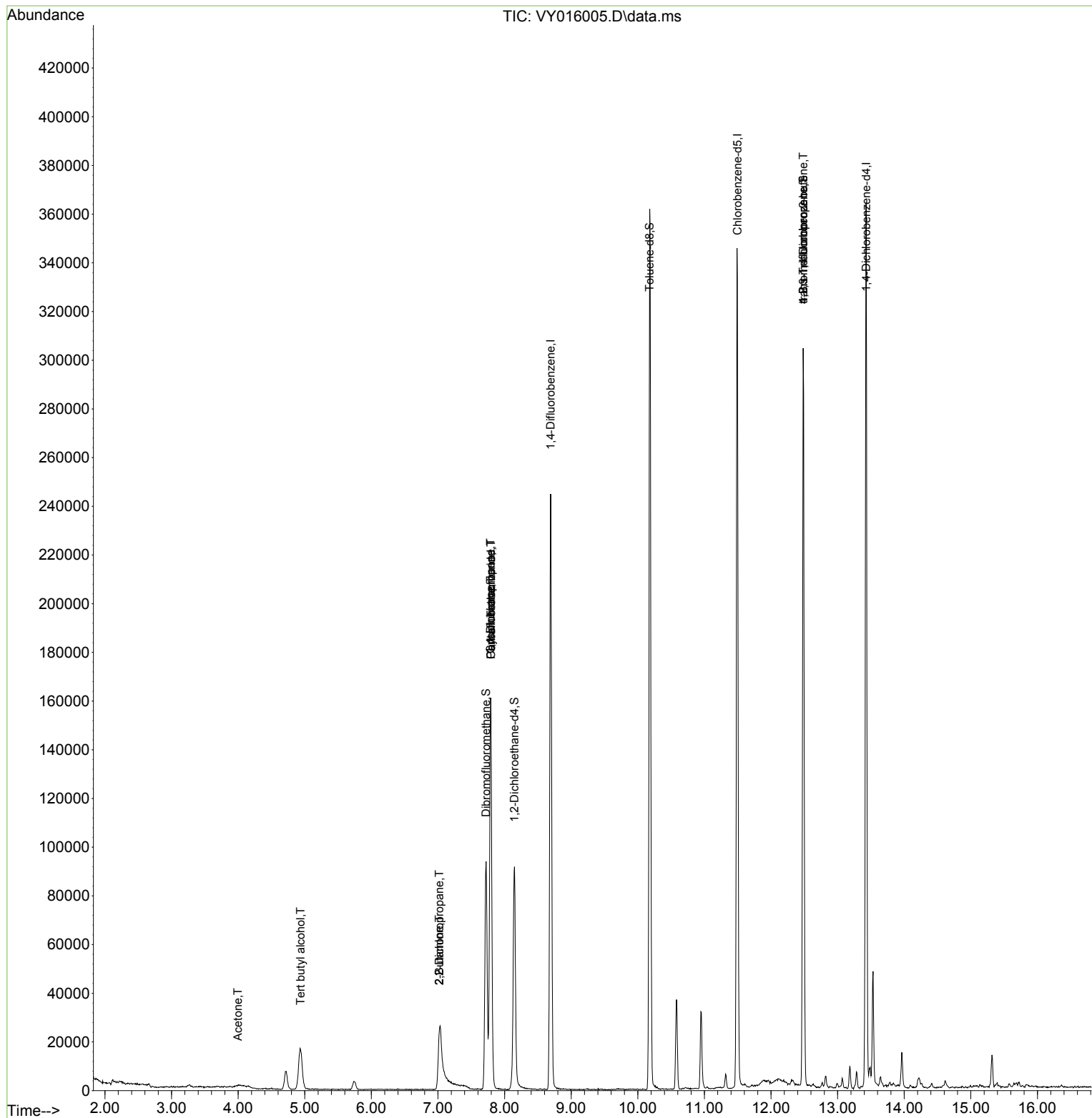
Internal Standards						
1) Pentafluorobenzene	7.795	168	128747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	196095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	75707	51.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.040%	
35) Dibromofluoromethane	7.722	113	69776	52.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.220%	
50) Toluene-d8	10.179	98	249167	49.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	12.483	95	82709	46.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	586	Below Cal		96
11) Tert butyl alcohol	4.936	59	15767	18.495 ug/l	#	90
16) Acetone	3.997	43	1291	1.513 ug/l		94
20) Methylene Chloride	4.716	84	5908	Below Cal		87
25) 2-Butanone	7.021	43	2141	1.723 ug/l	#	79
26) 2,2-Dichloropropane	7.021	77	2768	1.333 ug/l	#	54
31) Cyclohexane	7.789	56	2424	1.036 ug/l	#	11
36) 1,1-Dichloropropene	7.789	75	9613	4.758 ug/l	#	51
38) Carbon Tetrachloride	7.795	117	12475	5.863 ug/l	#	17
76) 1,2,3-Trichloropropane	12.483	75	43083	23.243 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43083	54.754 ug/l	#	11

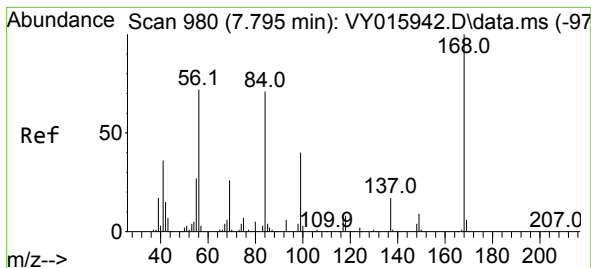
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY016005.D

Acq: 17 Oct 2023 15:34

Instrument :

MSVOA_Y

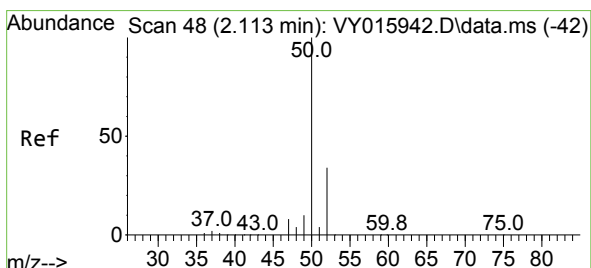
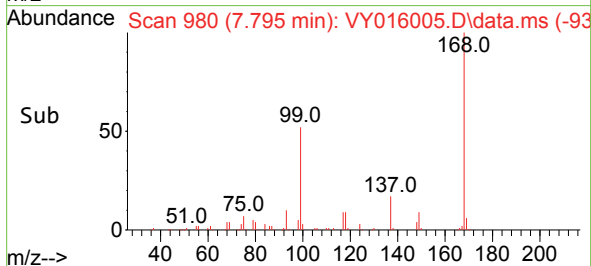
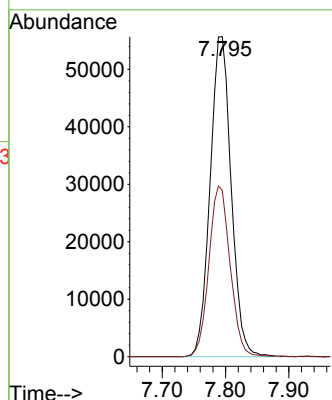
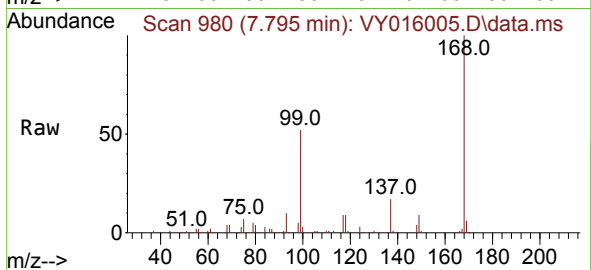
ClientSampleId :

Tgt Ion:168 Resp: 128747

Ion Ratio Lower Upper

168 100

99 52.0 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 48

Delta R.T. -0.000 min

Lab File: VY016005.D

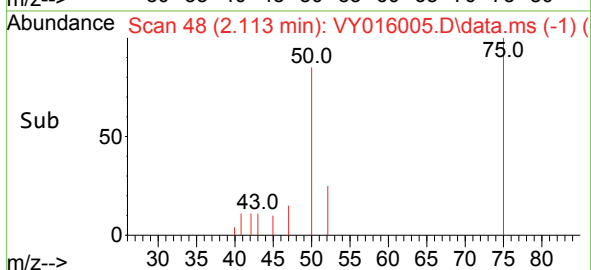
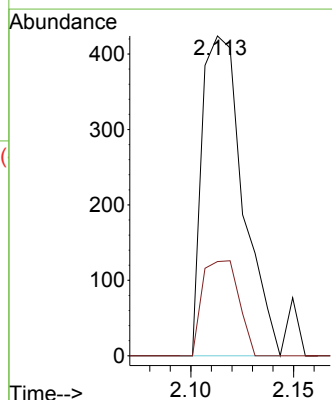
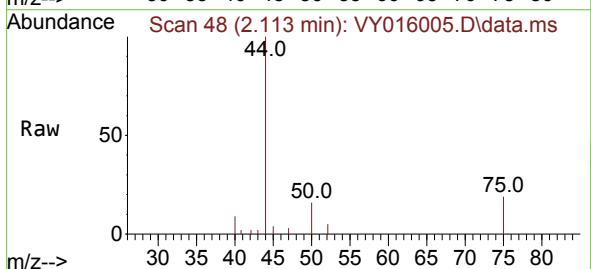
Acq: 17 Oct 2023 15:34

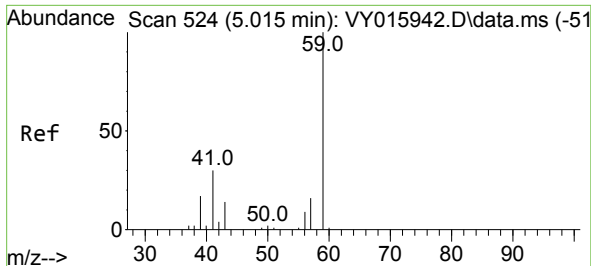
Tgt Ion: 50 Resp: 586

Ion Ratio Lower Upper

50 100

52 29.5 25.4 38.2

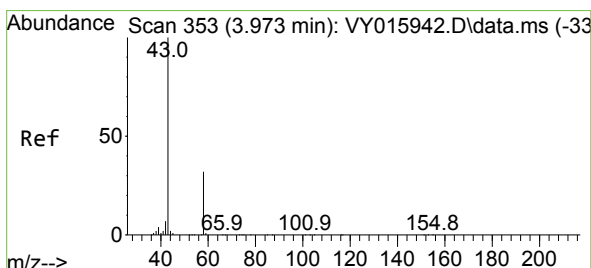
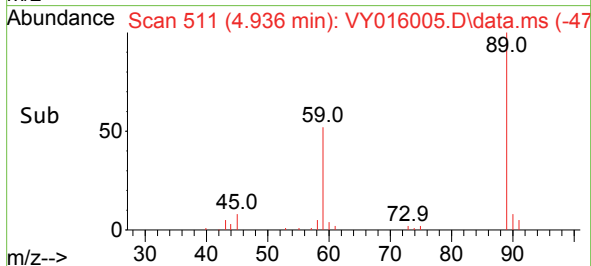
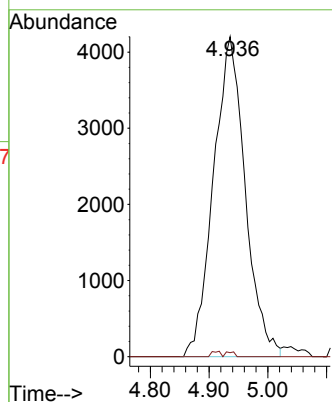
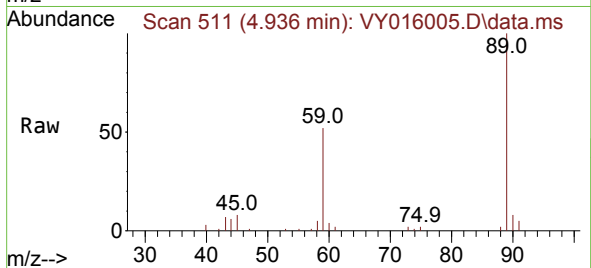




#11
Tert butyl alcohol
Concen: 18.495 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.079 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

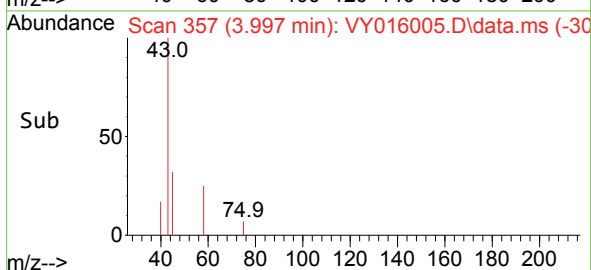
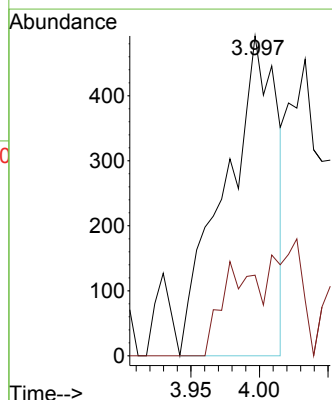
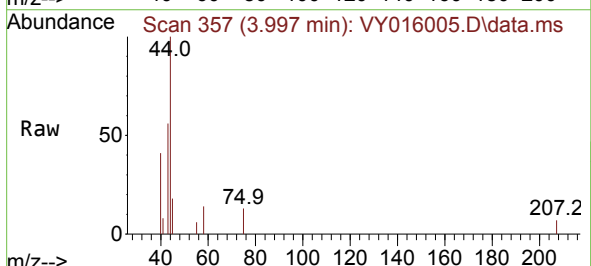
Instrument :
MSVOA_Y
ClientSampleId :

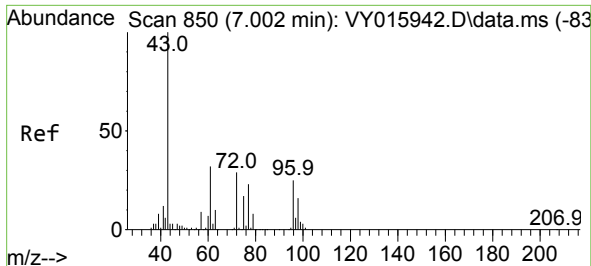
Tgt Ion: 59 Resp: 15767
Ion Ratio Lower Upper
59 100
57 0.4 3.0 4.4#



#16
Acetone
Concen: 1.513 ug/l
RT: 3.997 min Scan# 357
Delta R.T. 0.024 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 25.2 22.7 34.1

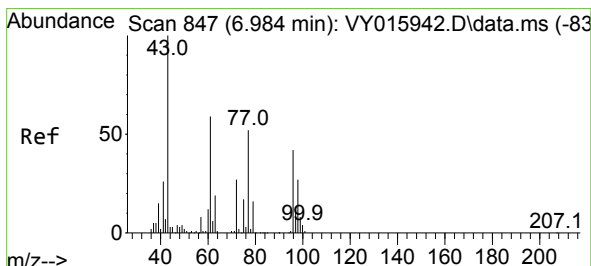
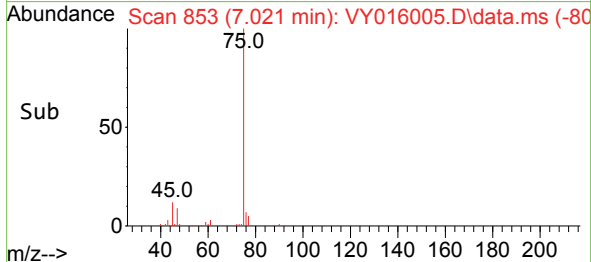
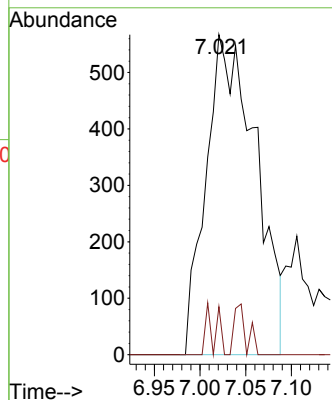
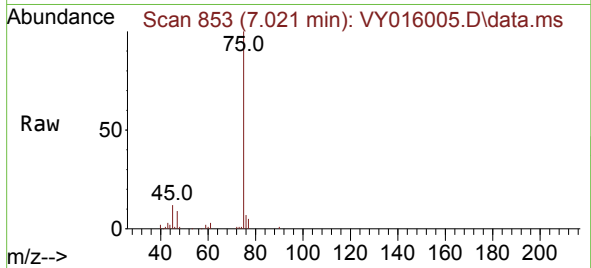




#25
2-Butanone
Concen: 1.723 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.018 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

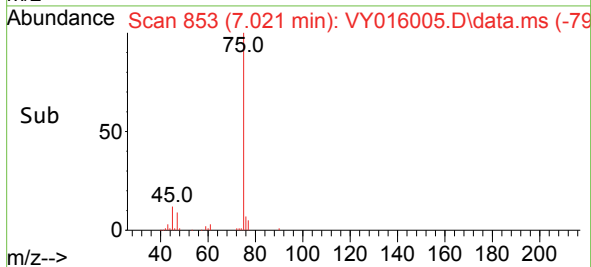
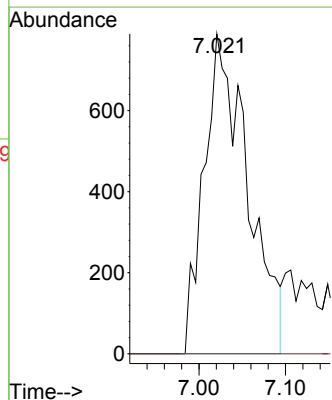
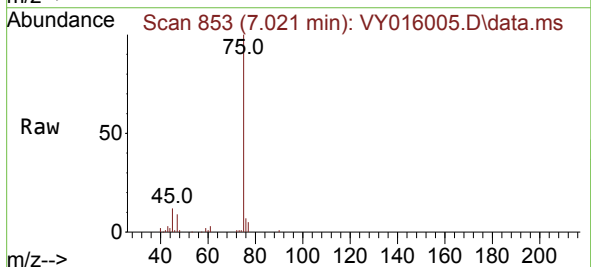
Instrument :
MSVOA_Y
ClientSampleId :

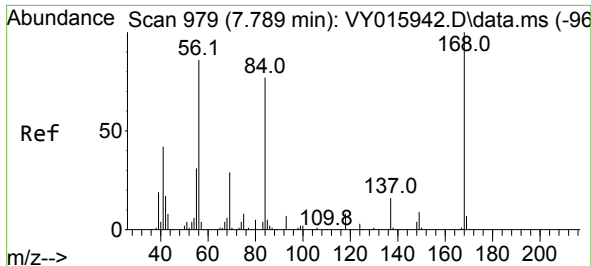
Tgt Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
72 15.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.333 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.036 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

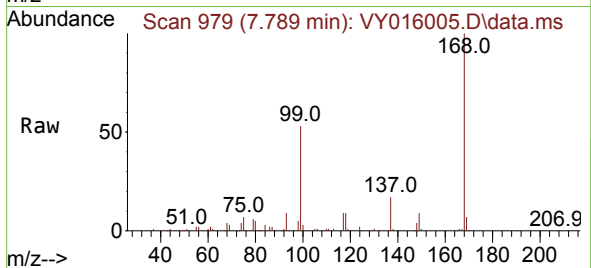
Tgt Ion: 77 Resp: 2768
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



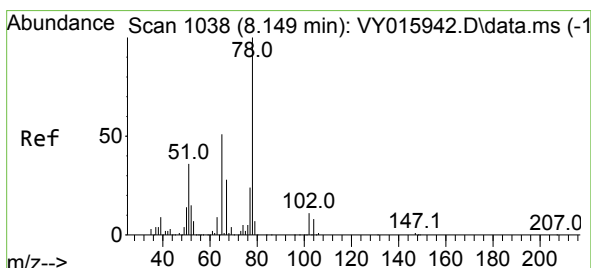
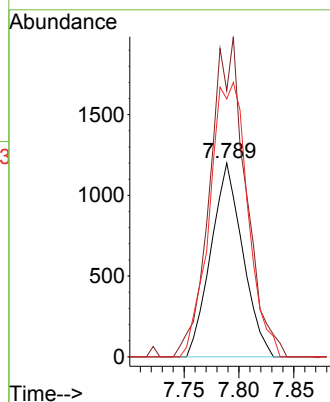
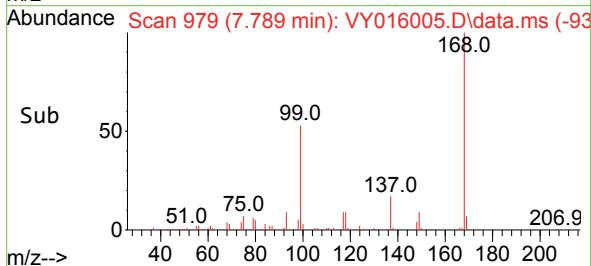


#31
Cyclohexane
Concen: 1.036 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

Instrument :
MSVOA_Y
ClientSampleId :

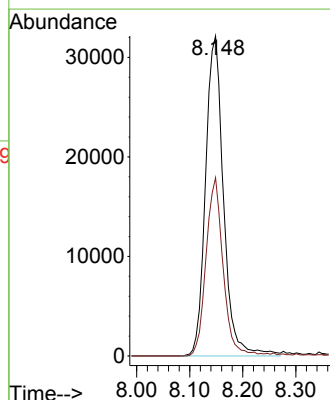
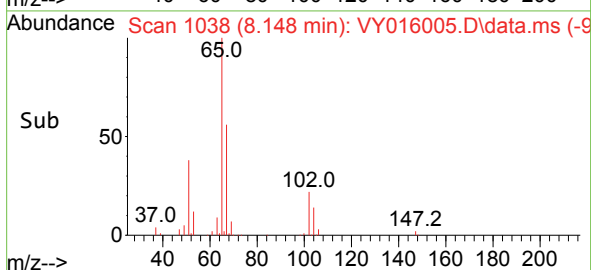
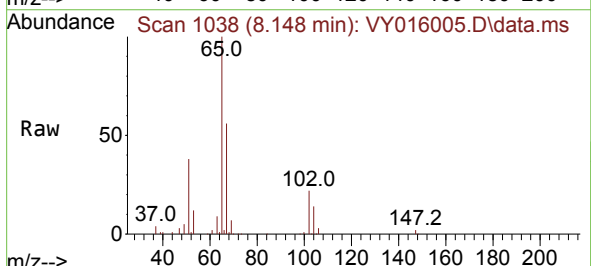


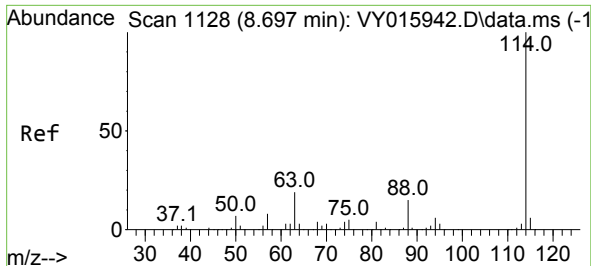
Tgt Ion: 56 Resp: 2424
Ion Ratio Lower Upper
56 100
69 131.9 27.8 41.6#
84 133.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 51.524 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

Tgt Ion: 65 Resp: 75707
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

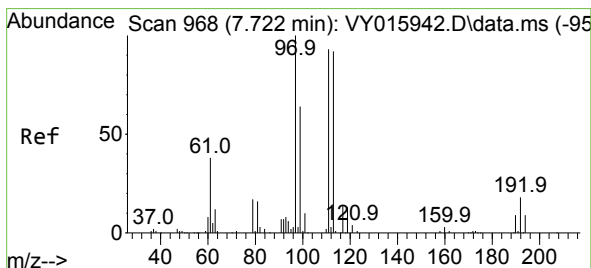
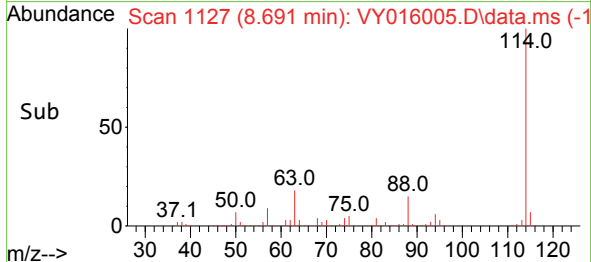
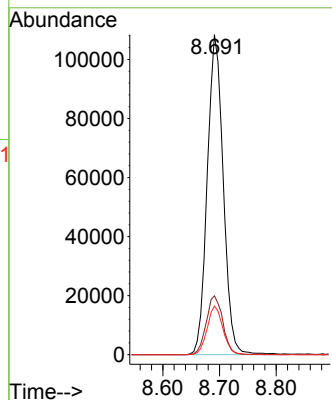
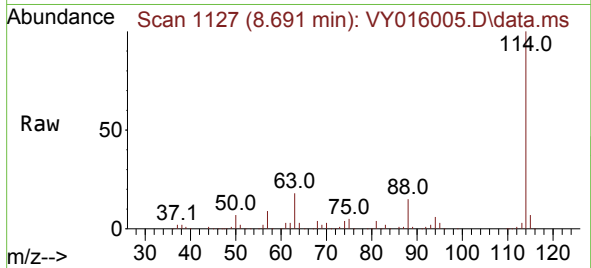




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

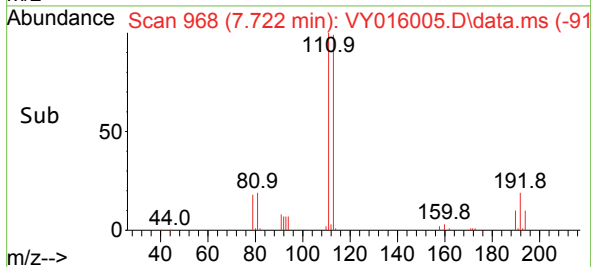
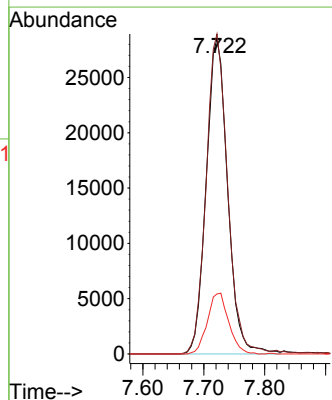
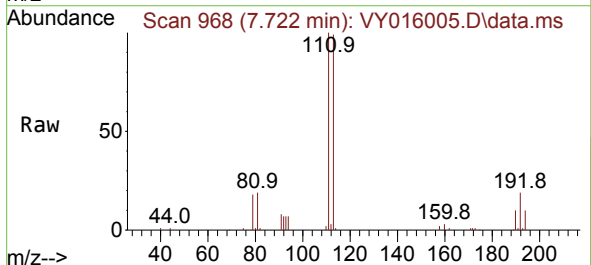
Instrument :
MSVOA_Y
ClientSampleId :

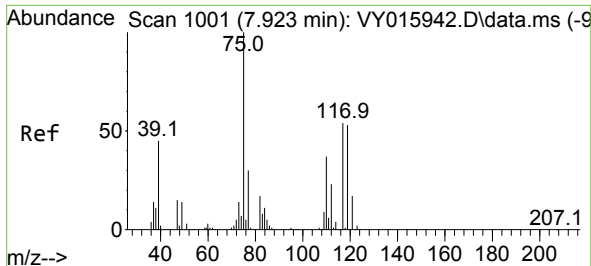
Tgt Ion:114 Resp: 212686
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.112 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

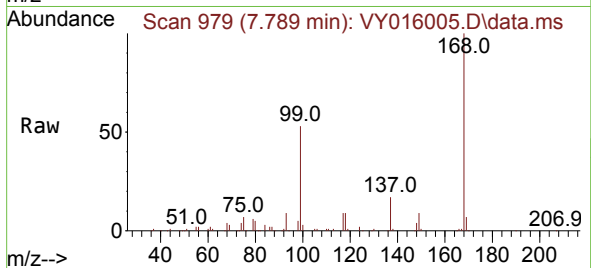
Tgt Ion:113 Resp: 69776
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.2 16.9 25.3



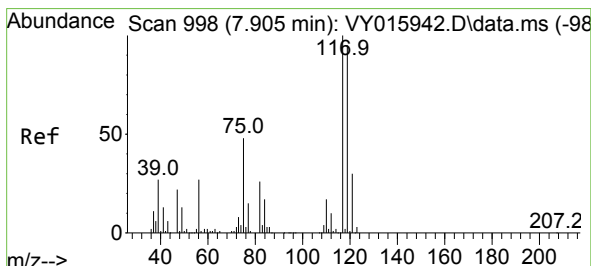
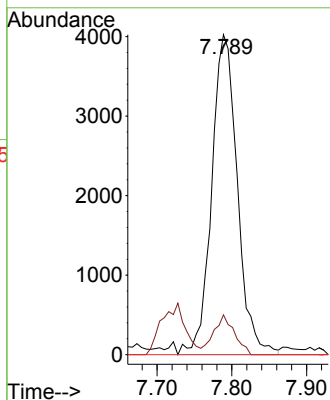
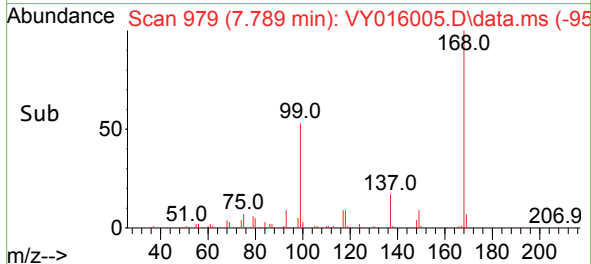


#36
 1,1-Dichloropropene
 Concen: 4.758 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY016005.D
 Acq: 17 Oct 2023 15:34

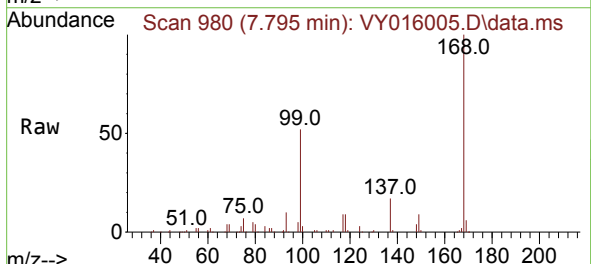
Instrument :
 MSVOA_Y
 ClientSampleId :



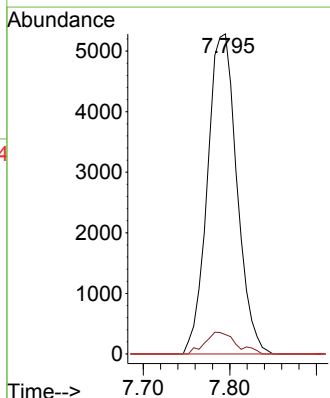
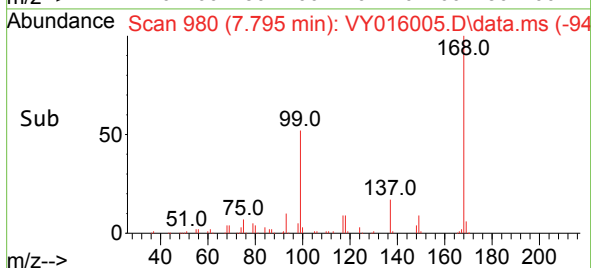
Tgt Ion: 75 Resp: 9613
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.8 53.5#
 77 0.0 24.4 36.6#

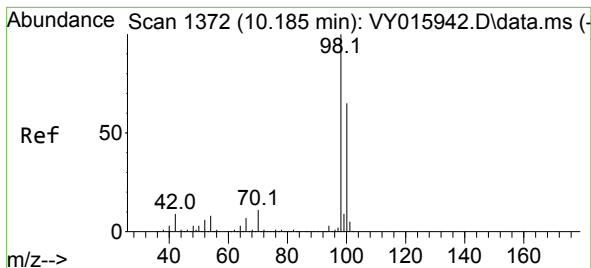


#38
 Carbon Tetrachloride
 Concen: 5.863 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY016005.D
 Acq: 17 Oct 2023 15:34



Tgt Ion: 117 Resp: 12475
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.4 114.6#
 121 0.0 25.8 38.6#

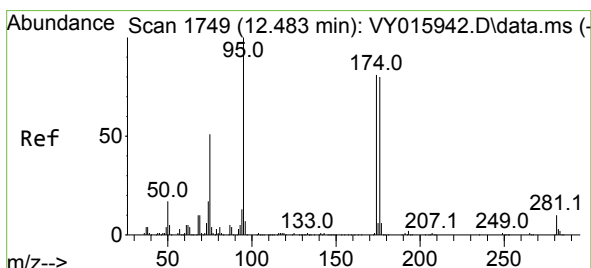
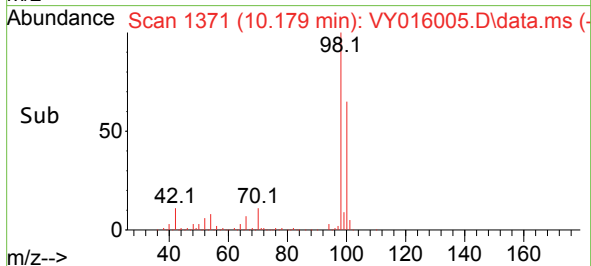
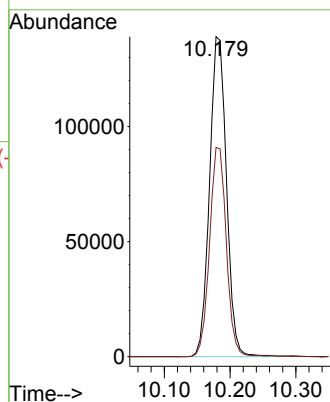
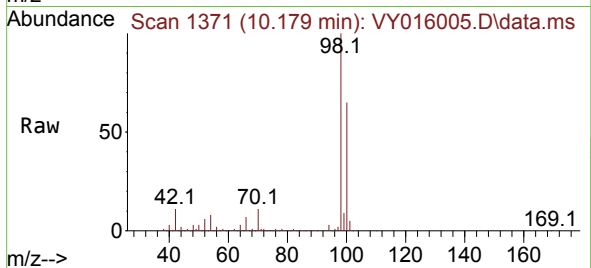




#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

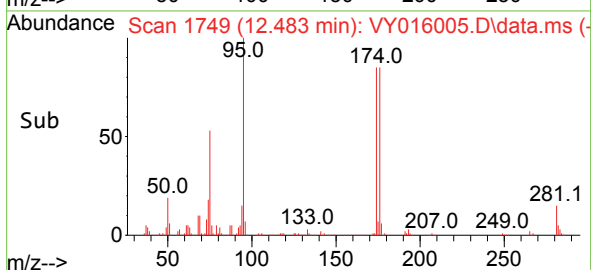
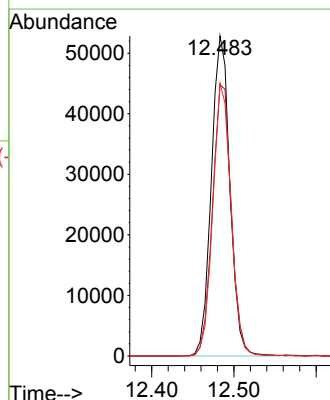
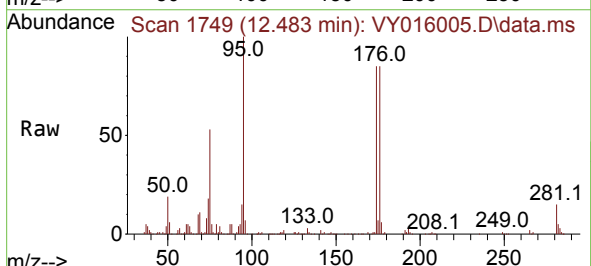
Instrument :
MSVOA_Y
ClientSampleId :

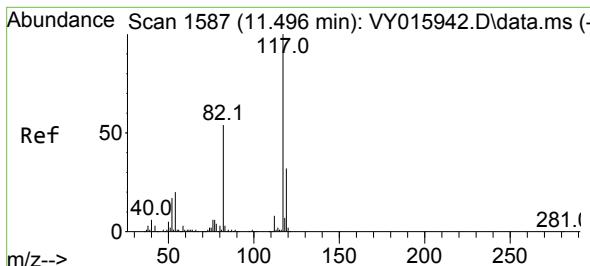
Tgt Ion: 98 Resp: 249167
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.322 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

Tgt Ion: 95 Resp: 82709
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.8 0.0 173.8

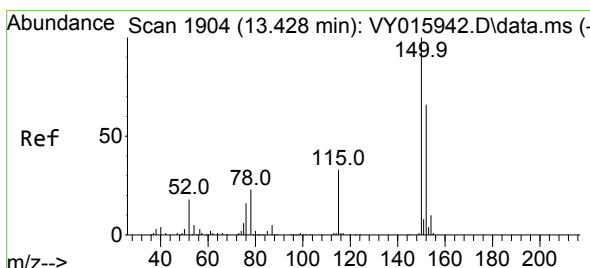
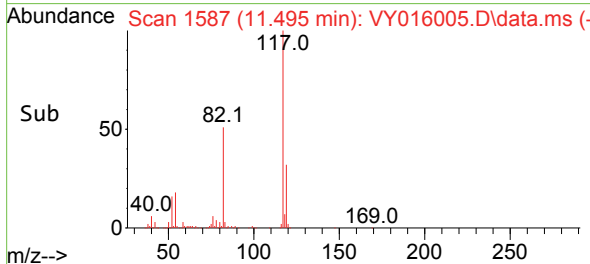
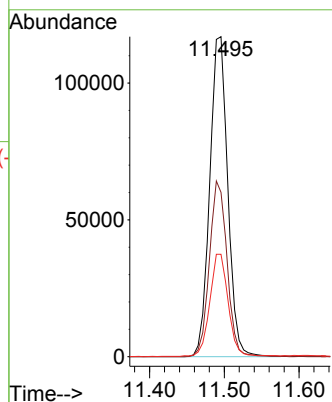
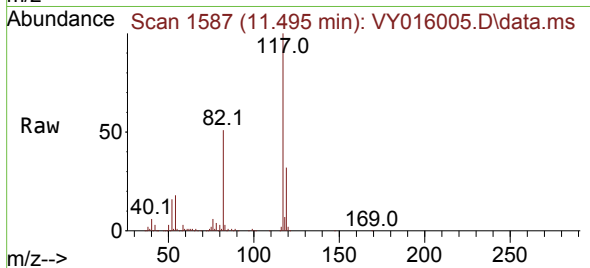




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

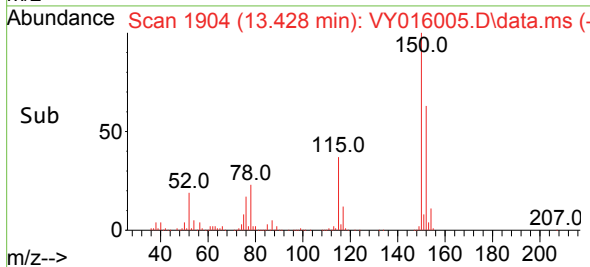
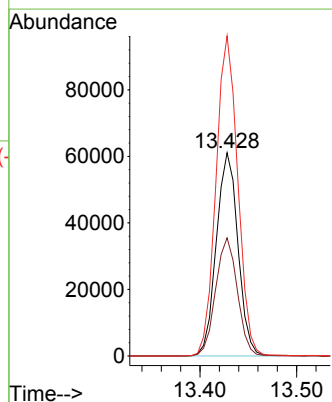
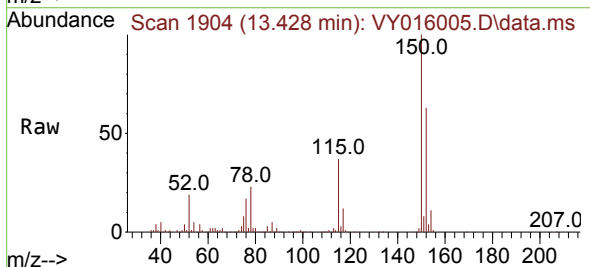
Instrument :
MSVOA_Y
ClientSampleId :

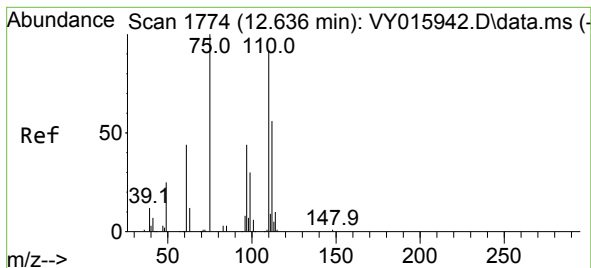
Tgt Ion:117 Resp: 196095
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016005.D
Acq: 17 Oct 2023 15:34

Tgt Ion:152 Resp: 94714
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 158.4 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 23.243 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY016005.D

Acq: 17 Oct 2023 15:34

Instrument :

MSVOA_Y

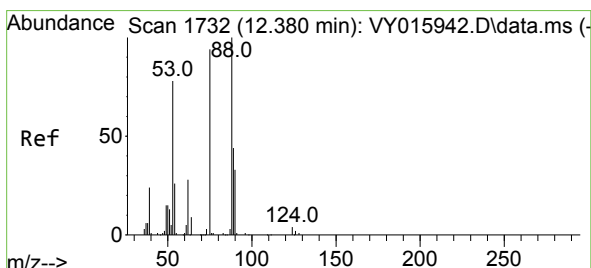
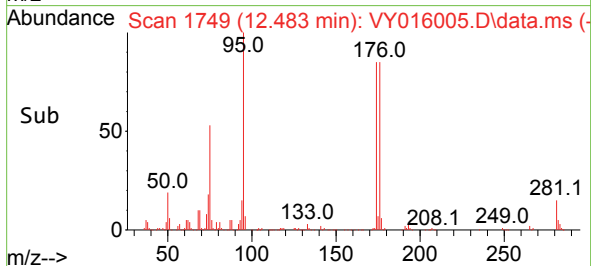
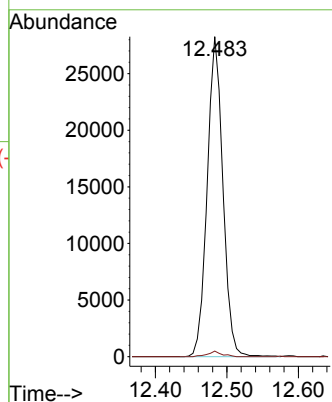
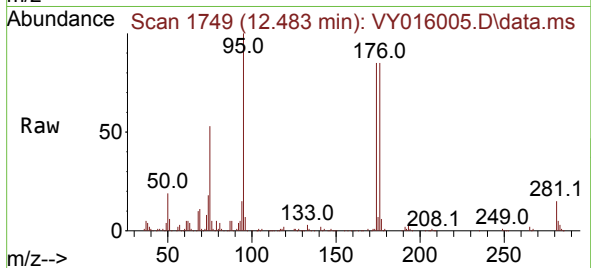
ClientSampleId :

Tgt Ion: 75 Resp: 43083

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.754 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY016005.D

Acq: 17 Oct 2023 15:34

Tgt Ion: 75 Resp: 43083

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.6 37.4 56.0#

