

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015373.D
 Acq On : 30 Aug 2023 13:28
 Operator : SY/MD
 Sample : 04203-03
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 00:59:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

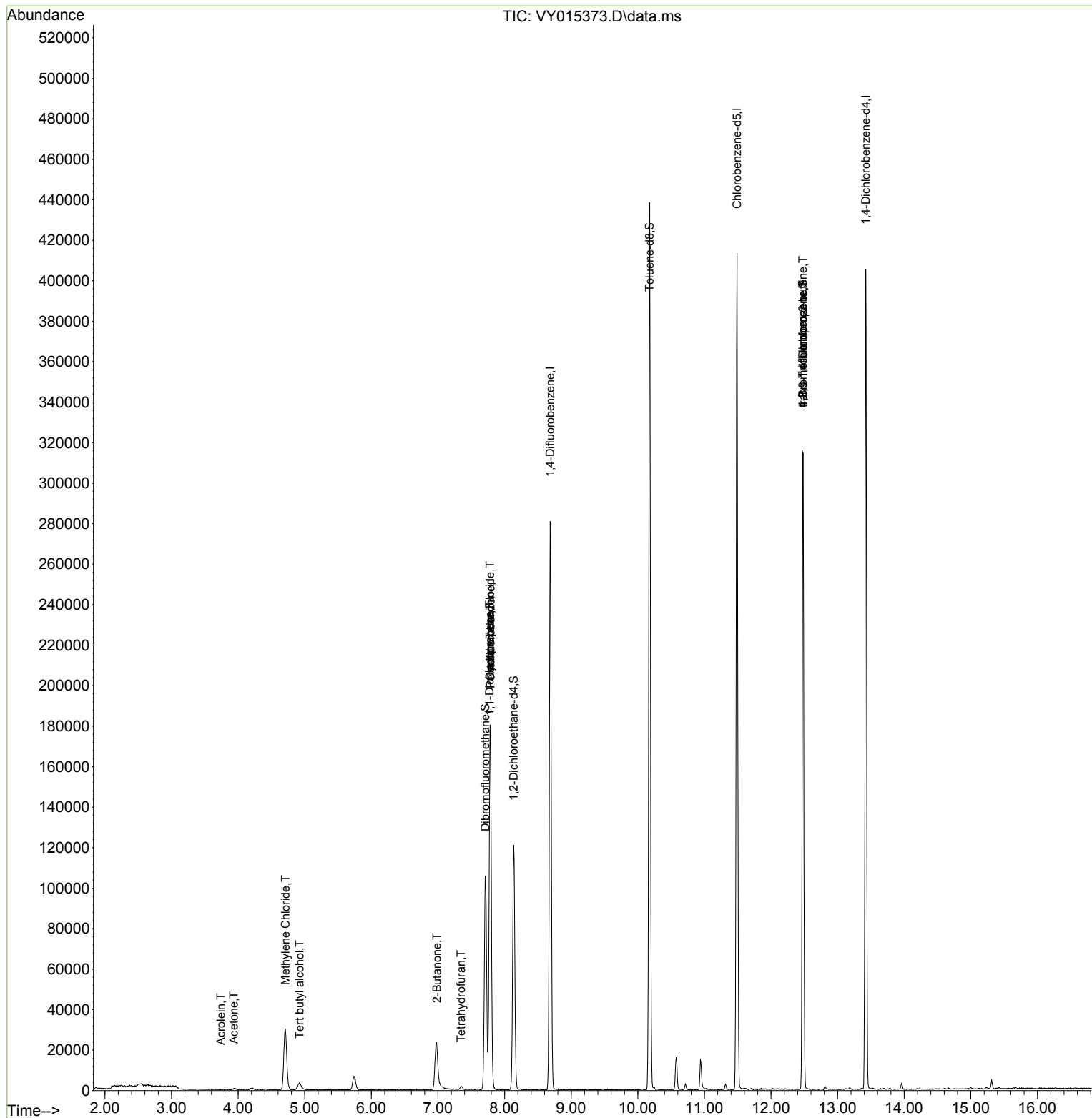
Internal Standards						
1) Pentafluorobenzene	7.789	168	142327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	240685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96303	63.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.240%	
35) Dibromofluoromethane	7.710	113	75572	54.514	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.020%	
50) Toluene-d8	10.179	98	280139	55.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.477	95	94395	50.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	3812	10.775	ug/l #	89
13) Acrolein	3.741	56	19	11.688	ug/l #	14
16) Acetone	3.936	43	1316	2.066	ug/l	96
20) Methylene Chloride	4.710	84	23208	5.808	ug/l	89
25) 2-Butanone	6.984	43	1453	1.609	ug/l #	49
29) Tetrahydrofuran	7.344	42	1159	2.043	ug/l	93
31) Cyclohexane	7.783	56	3264	1.204	ug/l #	14
36) 1,1-Dichloropropene	7.777	75	11736	4.821	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14143	5.626	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	51775	37.750	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51775	82.929	ug/l #	11

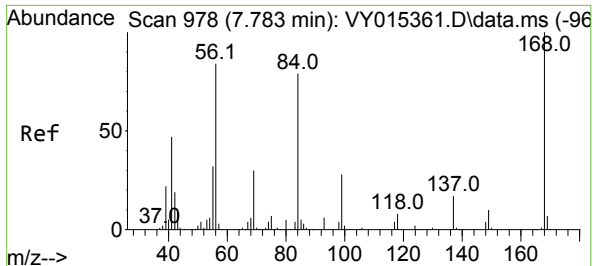
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 31 00:59:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
Response via : Initial Calibration

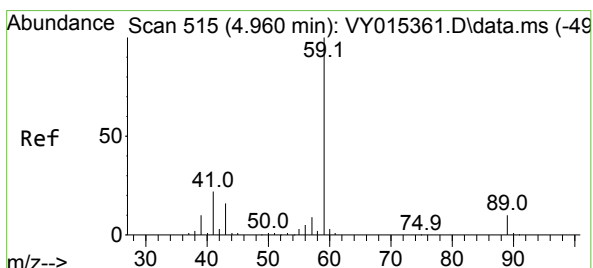
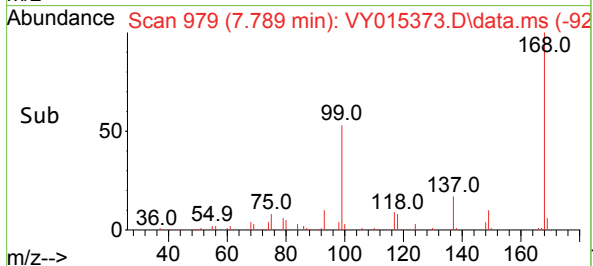
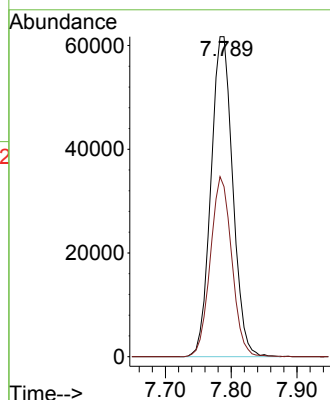
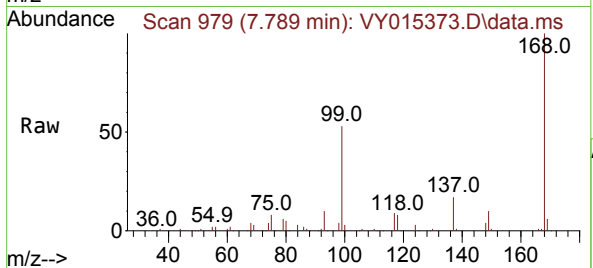




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

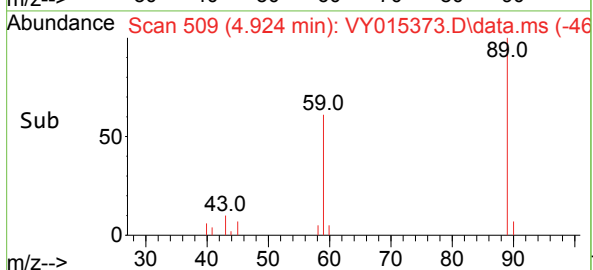
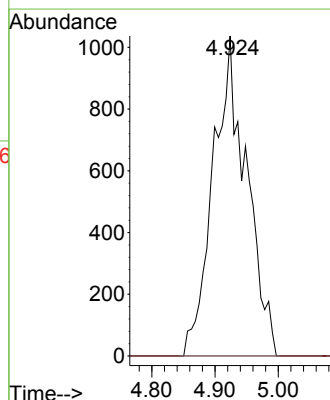
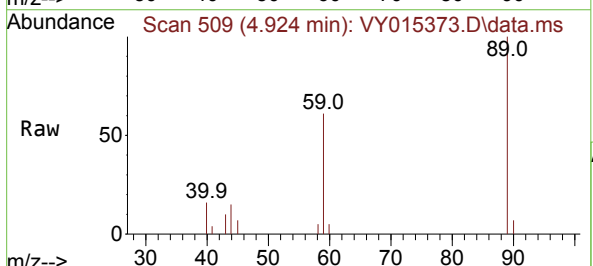
Instrument :
MSVOA_Y
ClientSampleId :

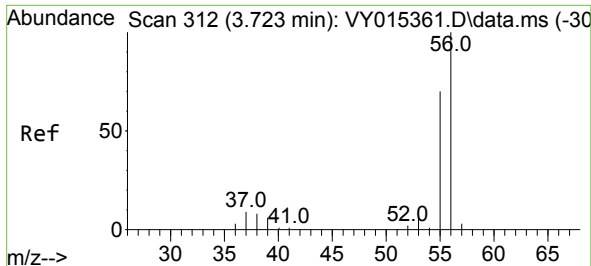
Tgt Ion:168 Resp: 142327
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 10.775 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Tgt Ion: 59 Resp: 3812
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#13

Acrolein

Concen: 11.688 ug/l

RT: 3.741 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY015373.D

Acq: 30 Aug 2023 13:28

Instrument :

MSVOA_Y

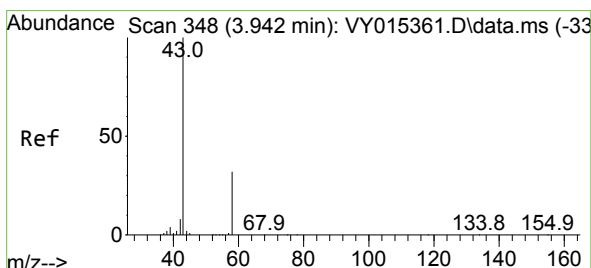
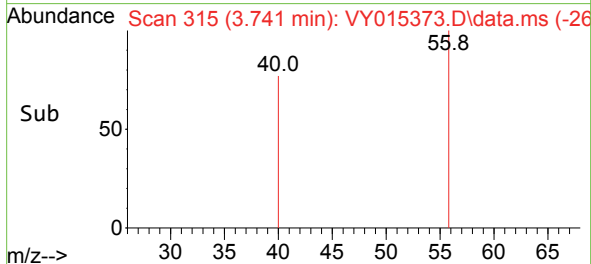
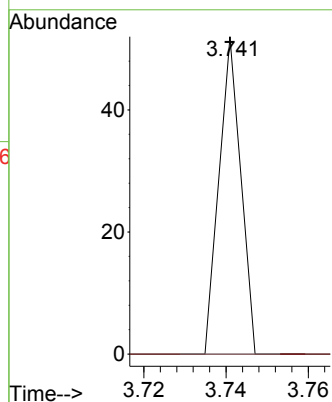
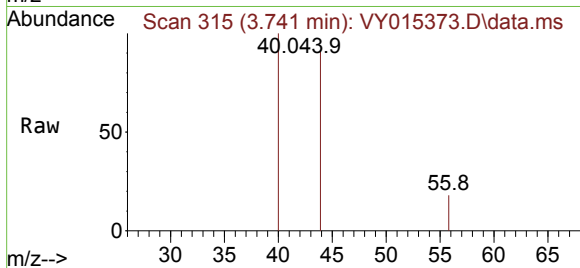
ClientSampleId :

Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 2.066 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY015373.D

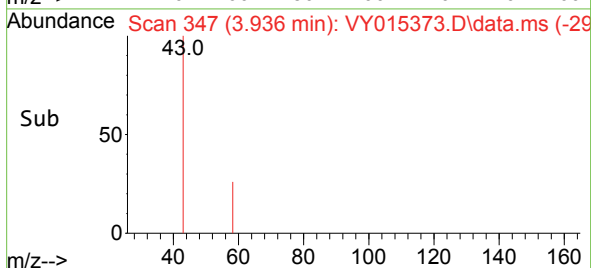
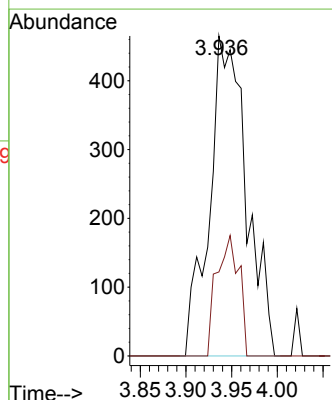
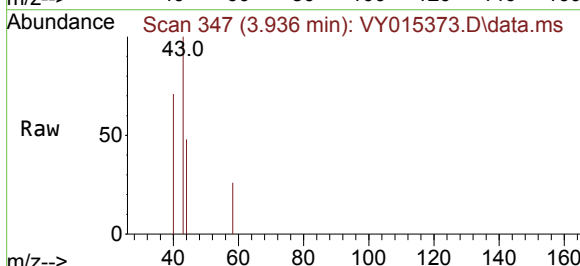
Acq: 30 Aug 2023 13:28

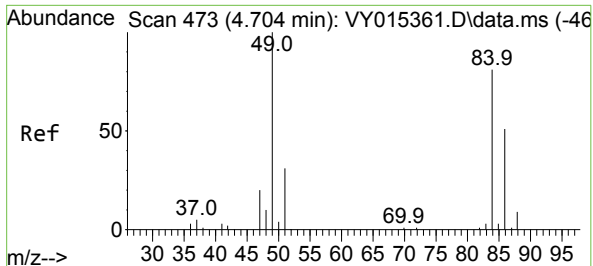
Tgt Ion: 43 Resp: 1316

Ion Ratio Lower Upper

43 100

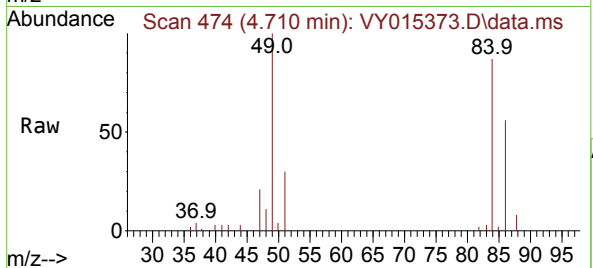
58 26.2 22.7 34.1





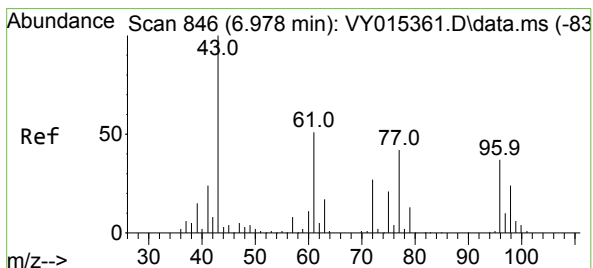
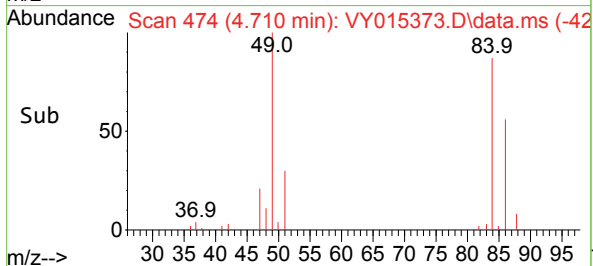
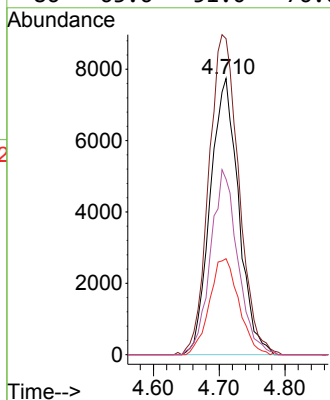
#20
Methylene Chloride
Concen: 5.808 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 23208

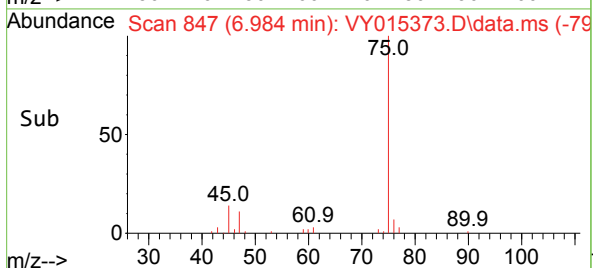
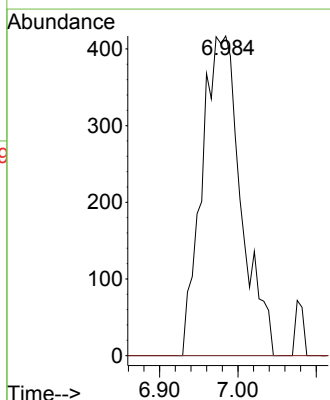
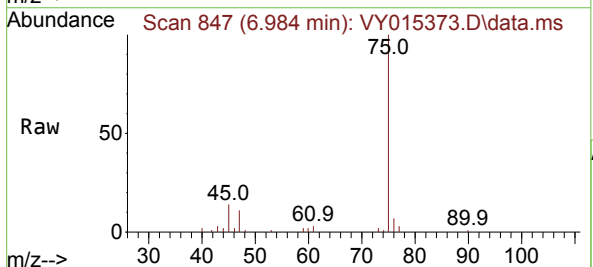
Ion	Ratio	Lower	Upper
84	100		
49	113.6	106.9	160.3
51	34.8	33.2	49.8
86	63.6	51.0	76.6

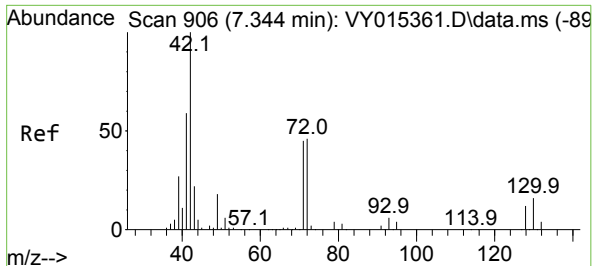


#25
2-Butanone
Concen: 1.609 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Tgt Ion: 43 Resp: 1453

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#





#29

Tetrahydrofuran

Concen: 2.043 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

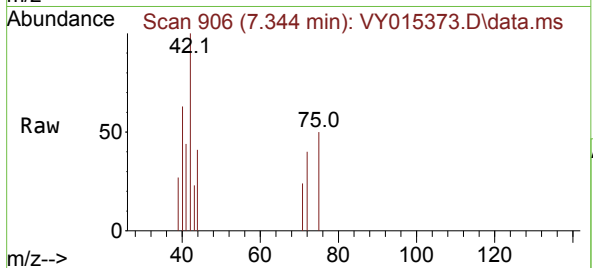
Lab File: VY015373.D

Acq: 30 Aug 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :



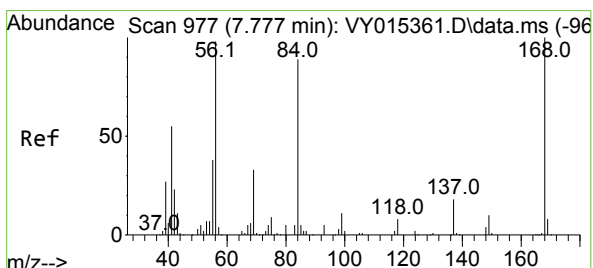
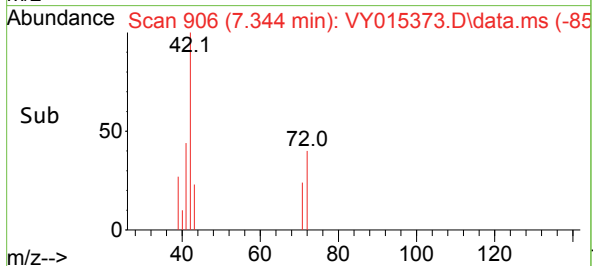
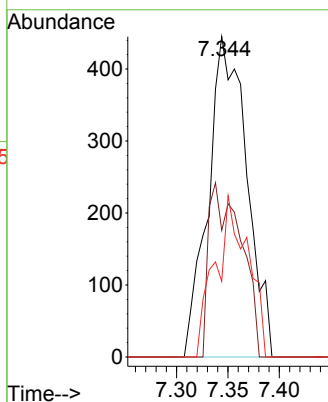
Tgt Ion: 42 Resp: 1159

Ion Ratio Lower Upper

42 100

72 45.6 32.8 49.2

71 43.0 31.0 46.4



#31

Cyclohexane

Concen: 1.204 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY015373.D

Acq: 30 Aug 2023 13:28

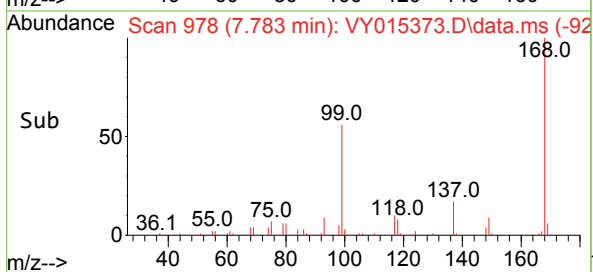
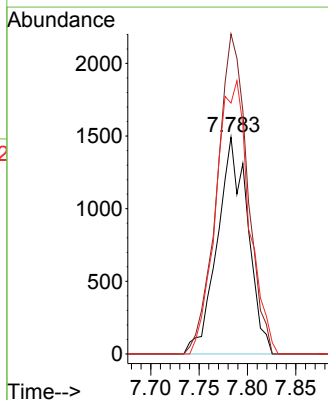
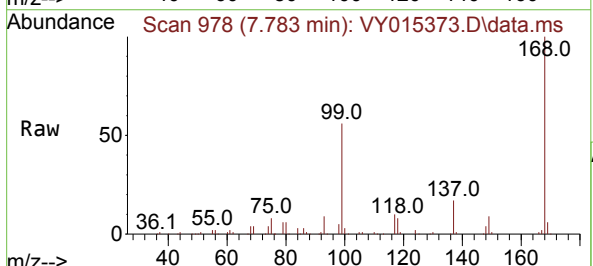
Tgt Ion: 56 Resp: 3264

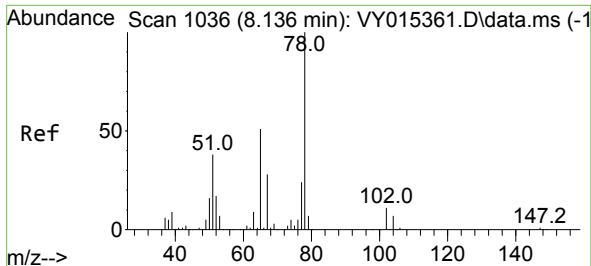
Ion Ratio Lower Upper

56 100

69 147.6 27.8 41.6#

84 119.6 66.4 99.6#

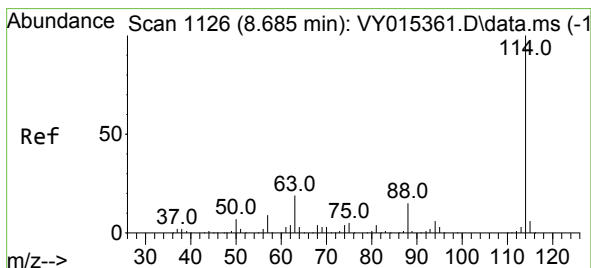
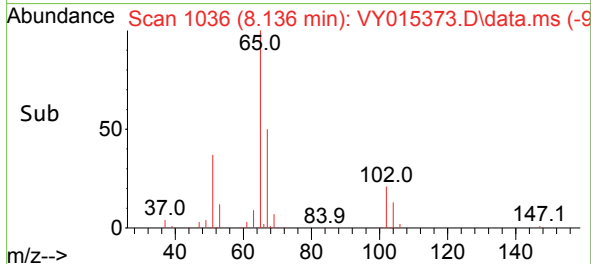
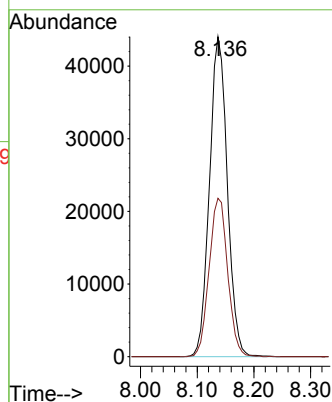
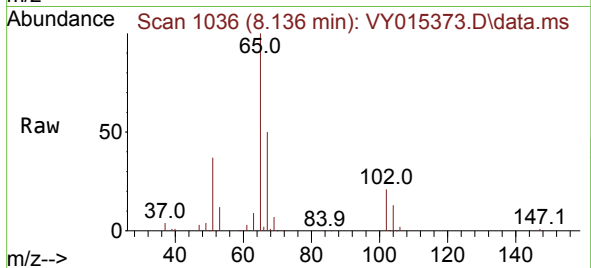




#33
 1,2-Dichloroethane-d4
 Concen: 63.119 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015373.D
 Acq: 30 Aug 2023 13:28

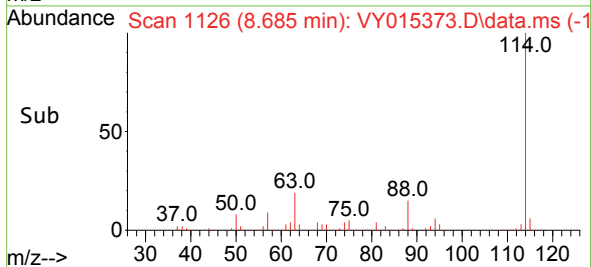
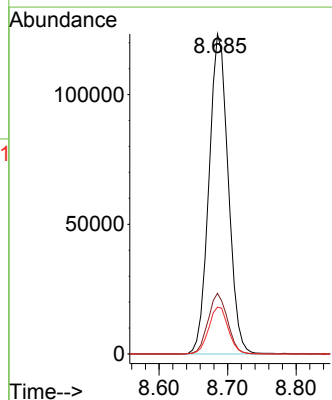
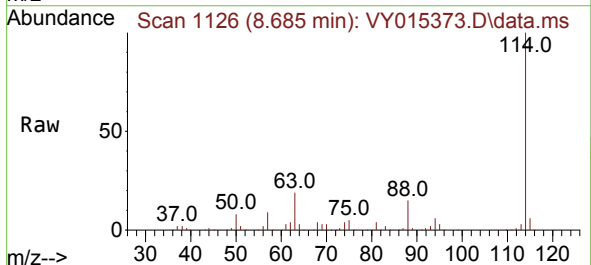
Instrument :
 MSVOA_Y
 ClientSampleId :

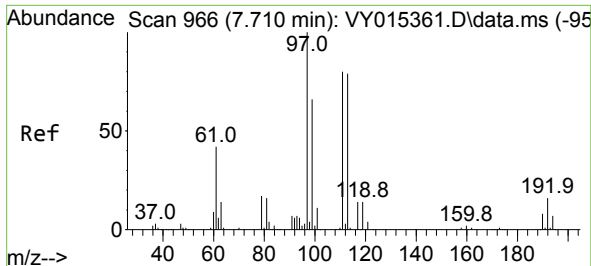
Tgt Ion: 65 Resp: 96303
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015373.D
 Acq: 30 Aug 2023 13:28

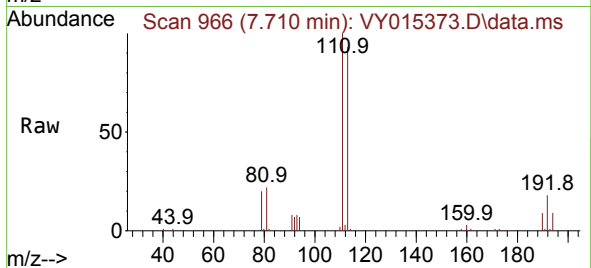
Tgt Ion:114 Resp: 240685
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 14.7 0.0 30.6



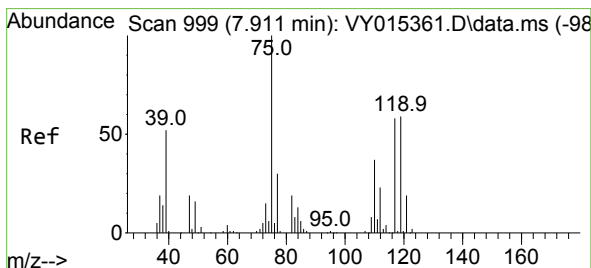
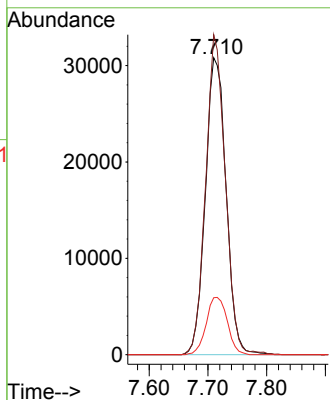
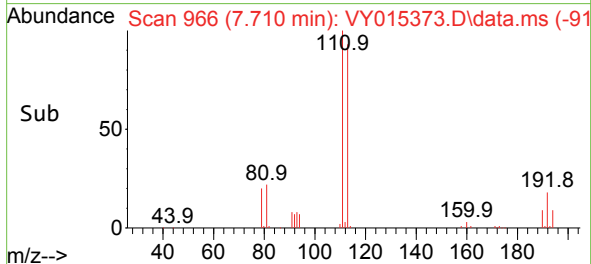


#35
Dibromofluoromethane
Concen: 54.514 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

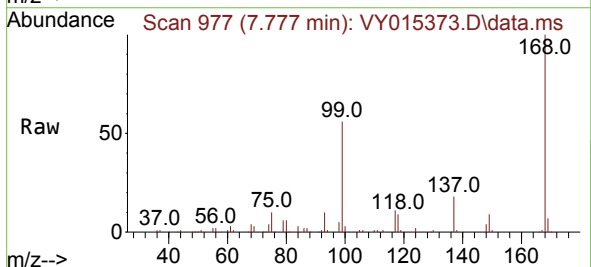
Instrument :
MSVOA_Y
ClientSampleId :



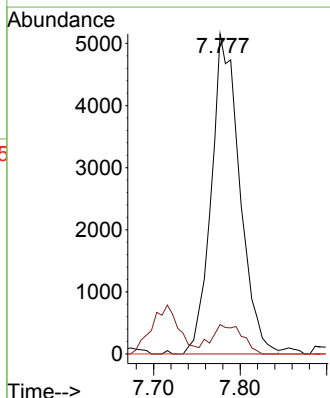
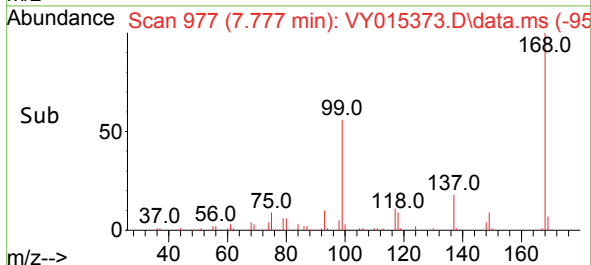
Tgt Ion:113 Resp: 75572
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3

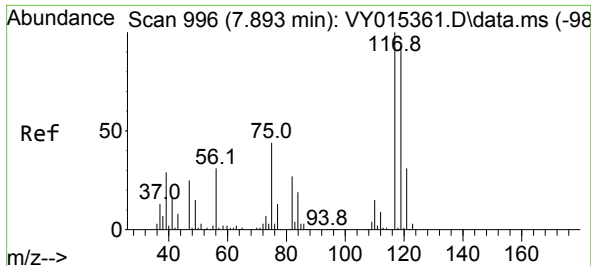


#36
1,1-Dichloropropene
Concen: 4.821 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28



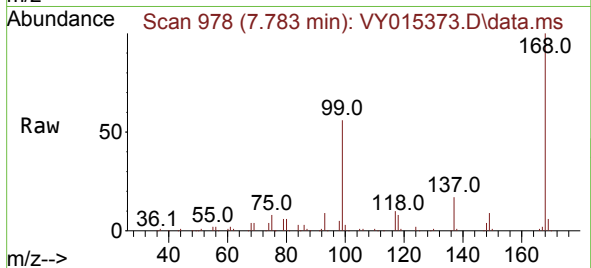
Tgt Ion: 75 Resp: 11736
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#



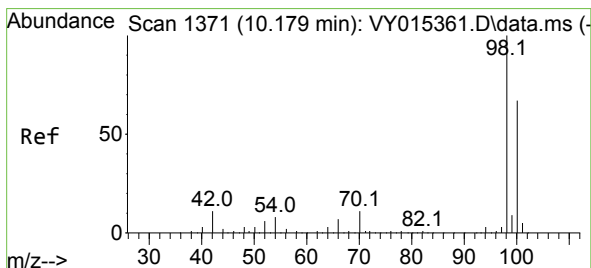
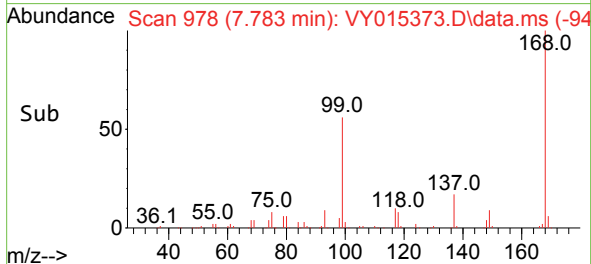
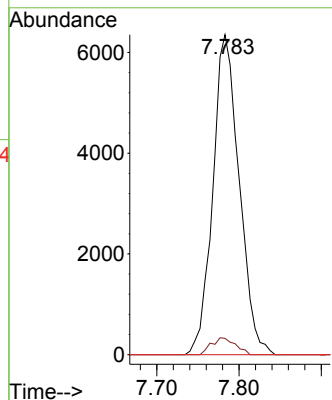


#38
Carbon Tetrachloride
Concen: 5.626 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

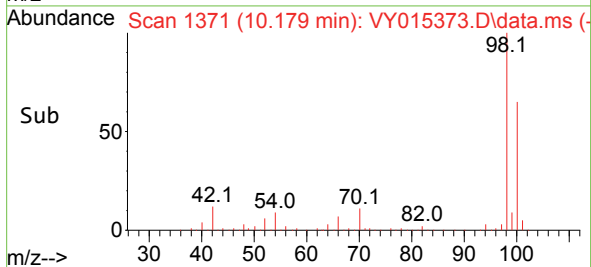
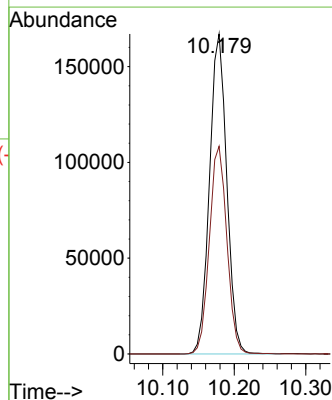
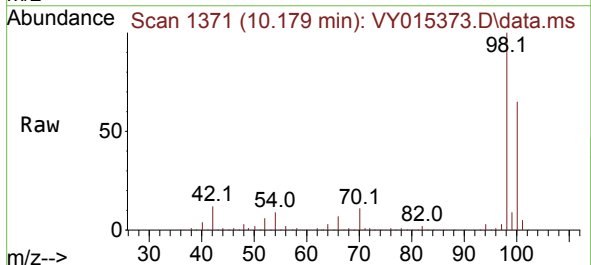


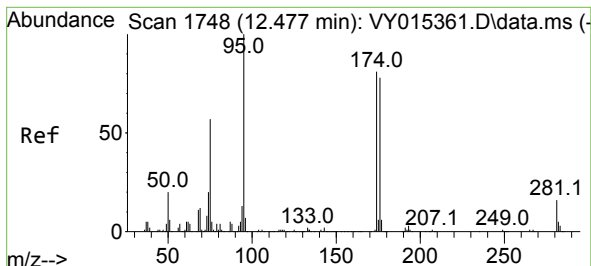
Tgt Ion:117 Resp: 14143
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.801 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Tgt Ion: 98 Resp: 280139
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

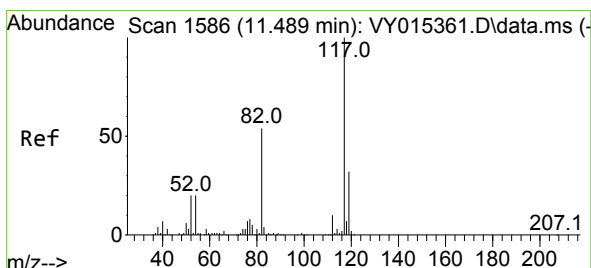
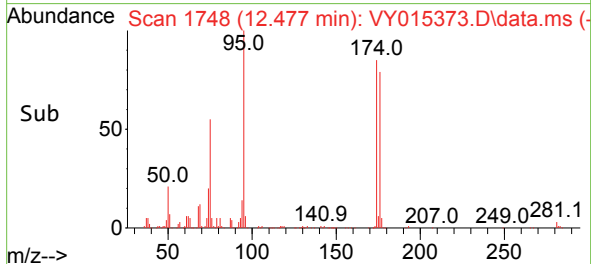
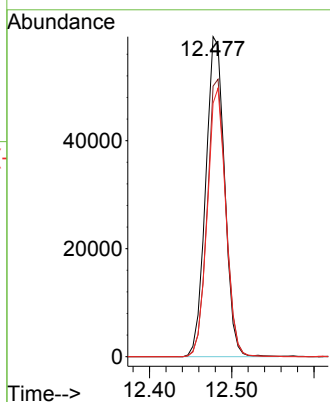
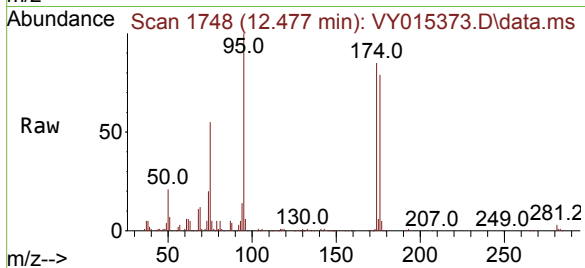




#62
4-Bromofluorobenzene
Concen: 50.649 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

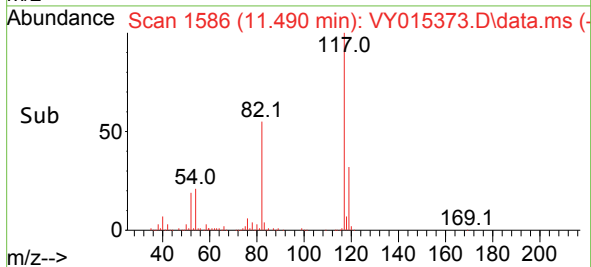
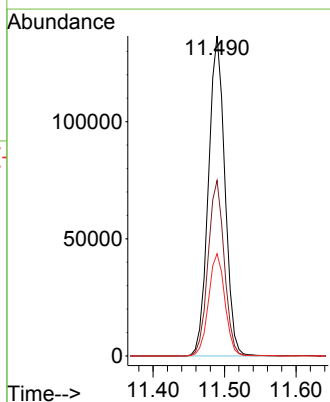
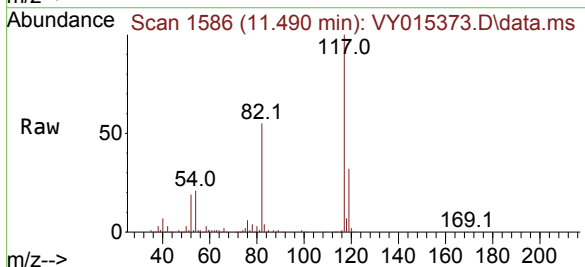
Instrument :
MSVOA_Y
ClientSampleId :

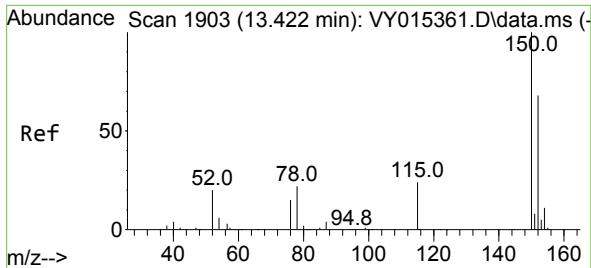
Tgt Ion:	95	Resp:	94395
Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	178.2
176	82.3	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Tgt Ion:	117	Resp:	218078
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.4	65.0
119	31.9	26.3	39.5

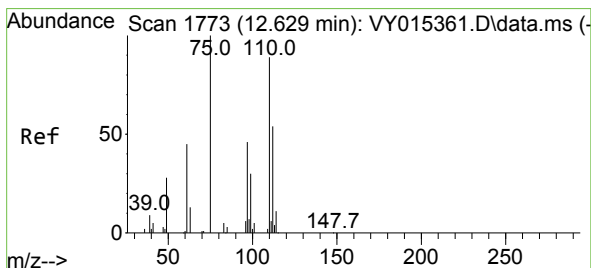
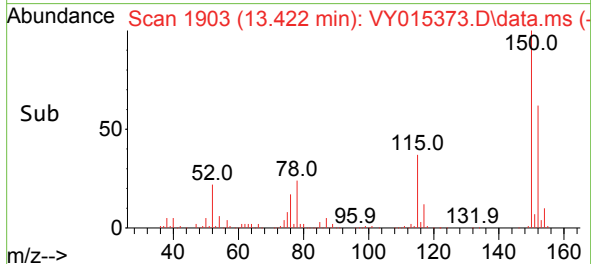
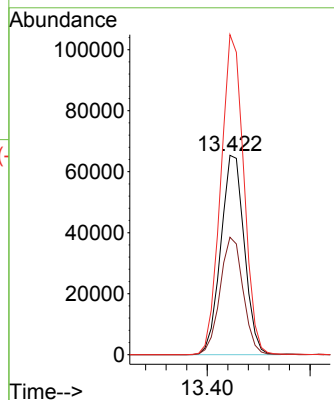
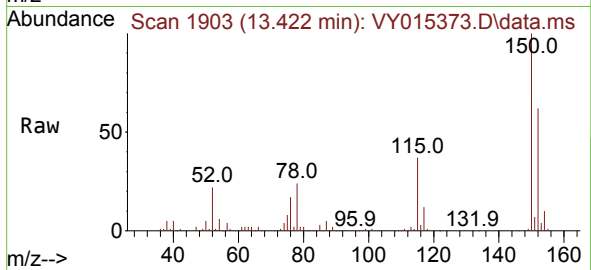




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015373.D
 Acq: 30 Aug 2023 13:28

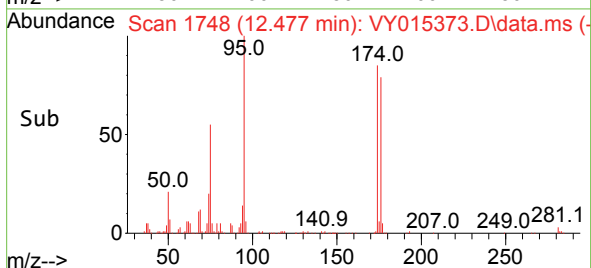
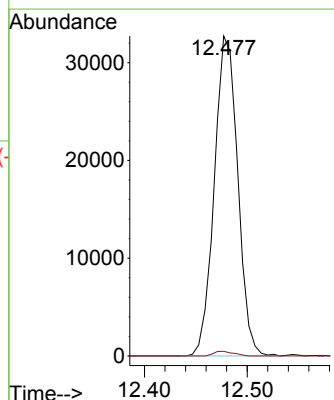
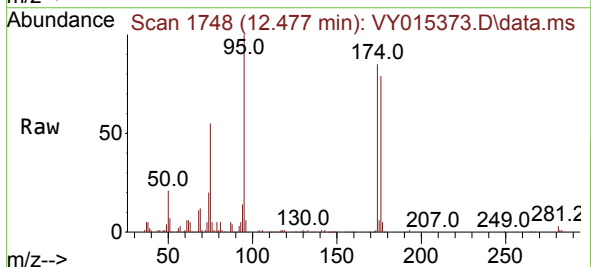
Instrument :
 MSVOA_Y
 ClientSampleId :

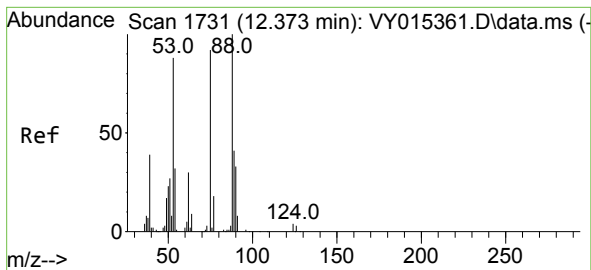
Tgt Ion:152 Resp: 103853
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 157.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.750 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015373.D
 Acq: 30 Aug 2023 13:28

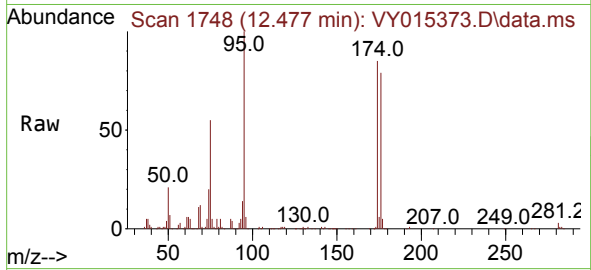
Tgt Ion: 75 Resp: 51775
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.929 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	51775
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

