

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015435.D
 Acq On : 05 Sep 2023 17:02
 Operator : SY/MD
 Sample : 04264-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:45:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

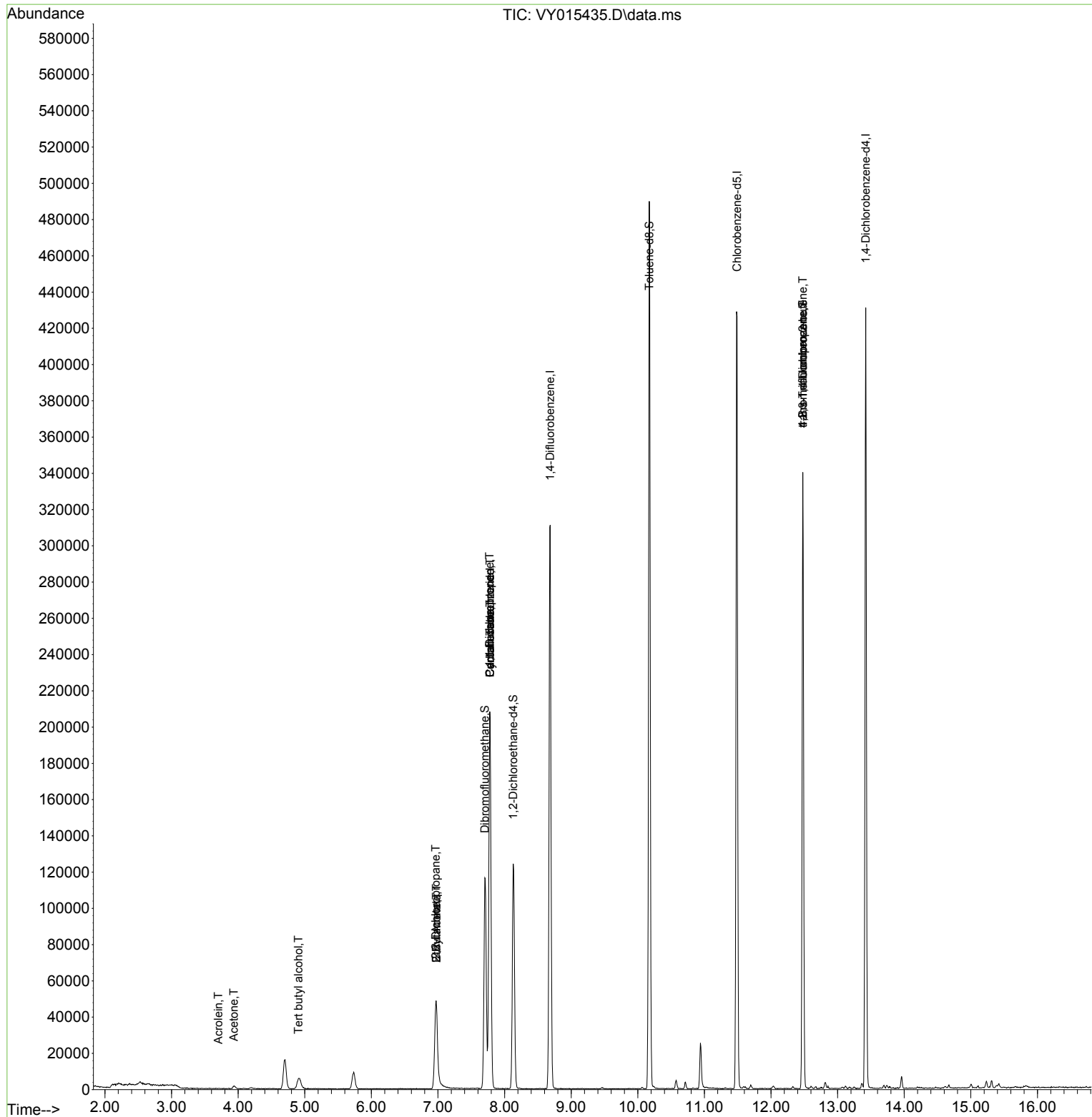
Internal Standards						
1) Pentafluorobenzene	7.783	168	161642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	98291	56.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.440%
35) Dibromofluoromethane	7.704	113	84111	53.897	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.800%
50) Toluene-d8	10.173	98	312968	55.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.760%
62) 4-Bromofluorobenzene	12.477	95	100283	47.799	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.600%
Target Compounds						Qvalue
11) Tert butyl alcohol	4.905	59	7247	2.457	ug/l #	89
13) Acrolein	3.704	56	23	11.691	ug/l #	14
16) Acetone	3.936	43	2842	3.929	ug/l	99
20) Methylene Chloride	4.698	84	12723	Below Cal		90
25) 2-Butanone	6.978	43	2880	2.808	ug/l	96
26) 2,2-Dichloropropane	6.966	77	3831	1.395	ug/l #	54
31) Cyclohexane	7.783	56	3437	1.117	ug/l #	2
36) 1,1-Dichloropropene	7.777	75	12910	4.711	ug/l #	49
37) Ethyl Acetate	6.978	43	2880	1.363	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15951	5.636	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	52870	37.664	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52870	83.083	ug/l #	10

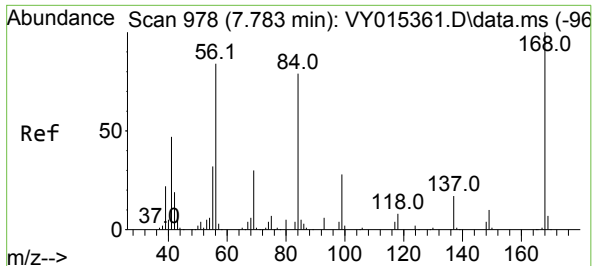
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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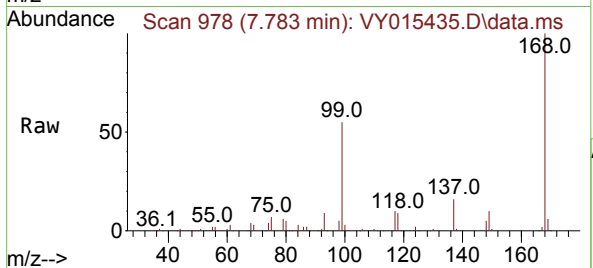
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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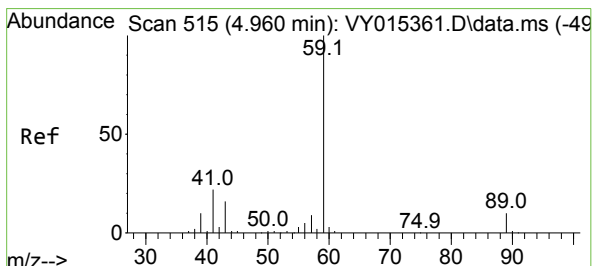
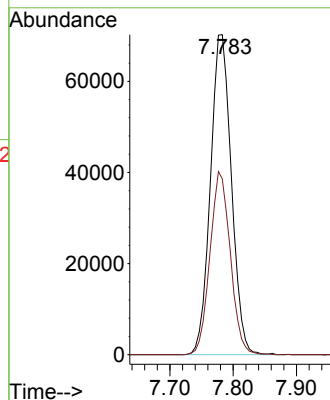
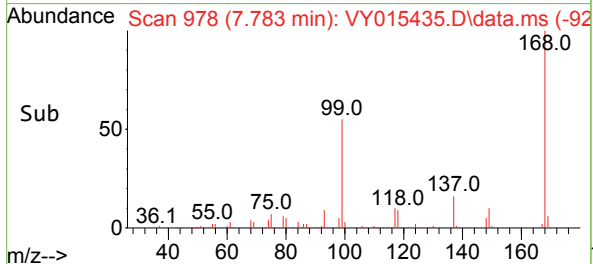


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Instrument :
MSVOA_Y
ClientSampleId :

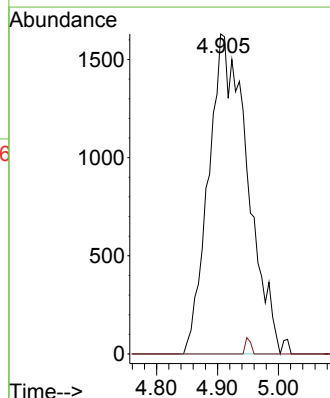
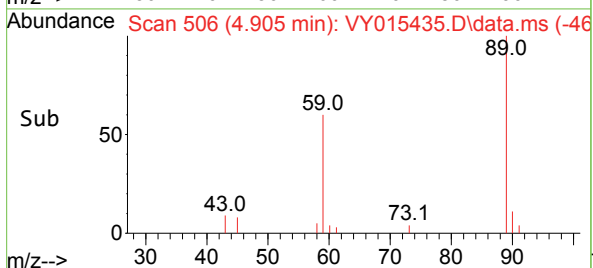
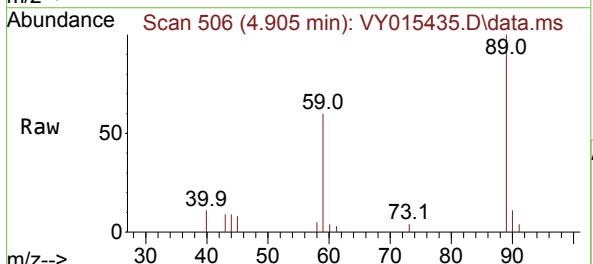


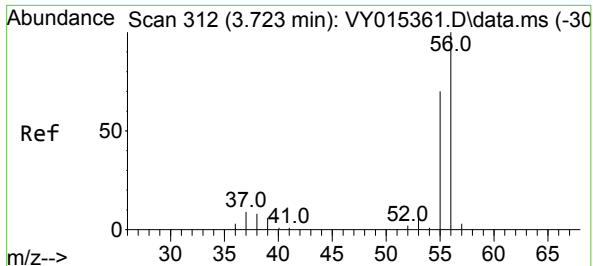
Tgt Ion:168 Resp: 161642
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.457 ug/l
RT: 4.905 min Scan# 506
Delta R.T. -0.049 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

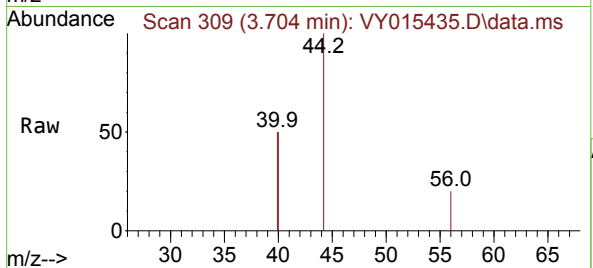
Tgt Ion: 59 Resp: 7247
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



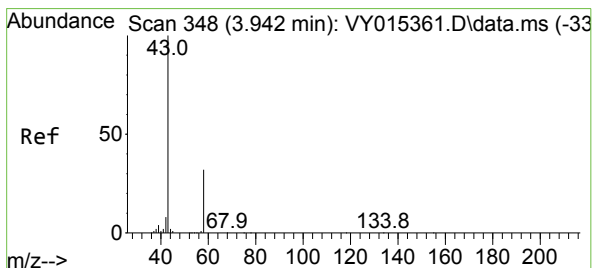
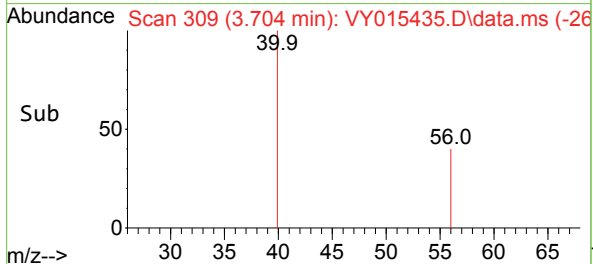
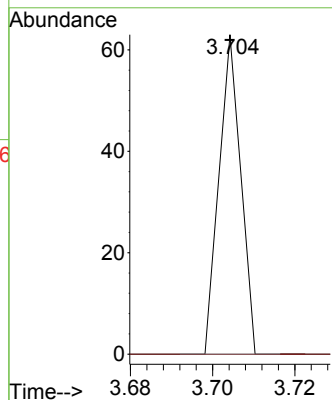


#13
Acrolein
Concen: 11.691 ug/l
RT: 3.704 min Scan# 309
Delta R.T. -0.019 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Instrument :
MSVOA_Y
ClientSampleId :

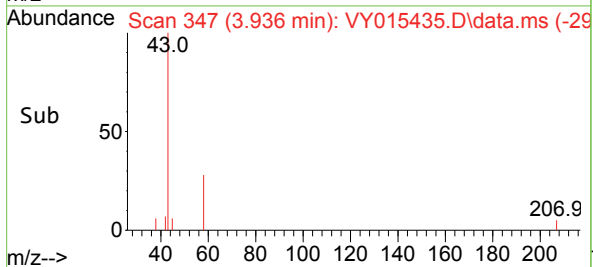
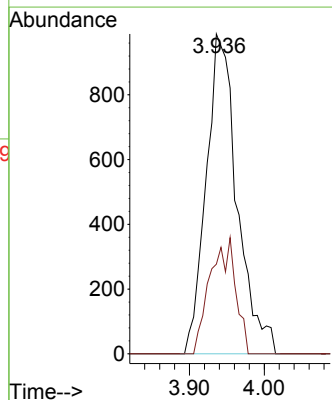
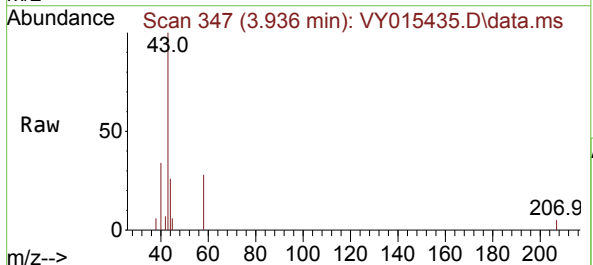


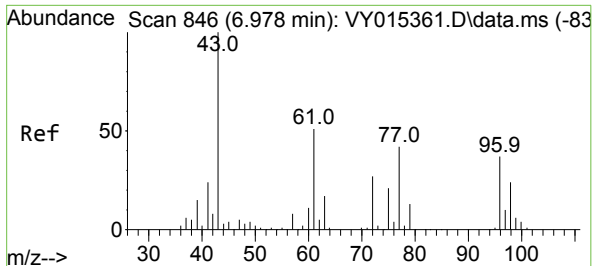
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#16
Acetone
Concen: 3.929 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1





#25

2-Butanone

Concen: 2.808 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY015435.D

Acq: 05 Sep 2023 17:02

Instrument :

MSVOA_Y

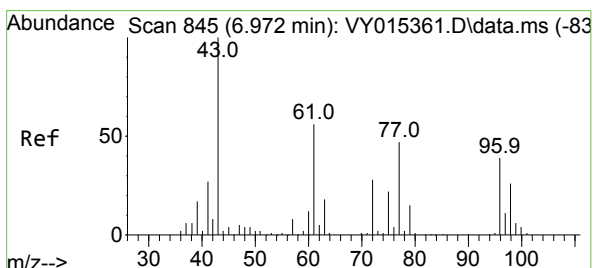
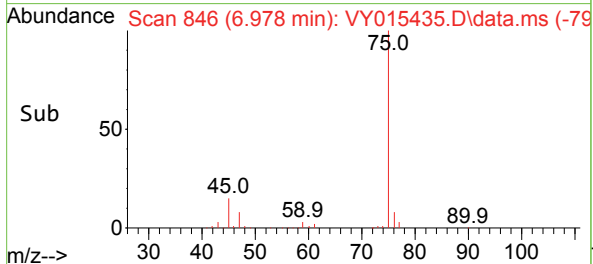
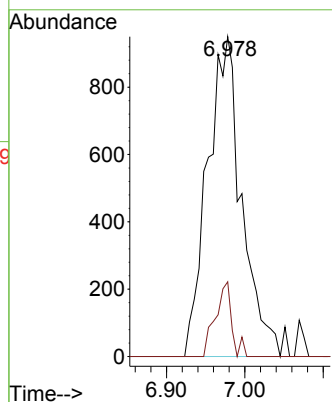
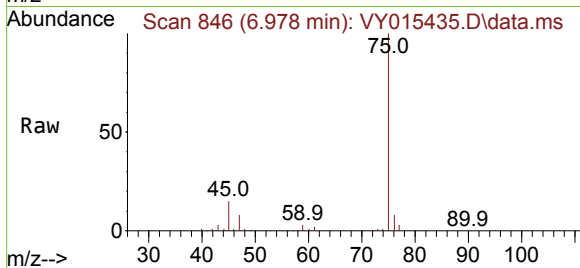
ClientSampleId :

Tgt Ion: 43 Resp: 2880

Ion Ratio Lower Upper

43 100

72 23.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 1.395 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY015435.D

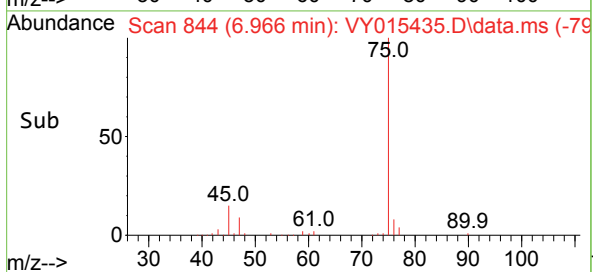
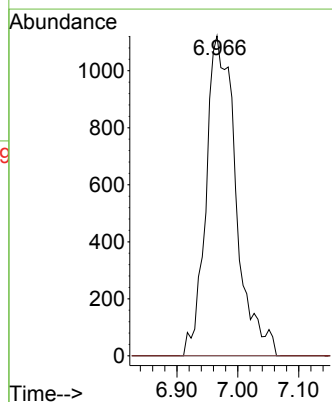
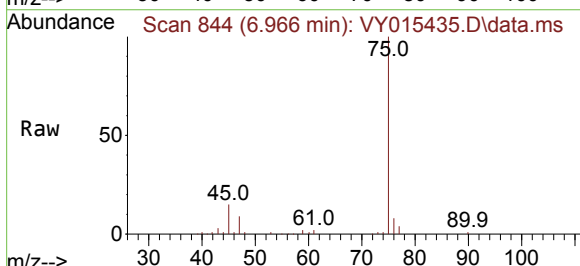
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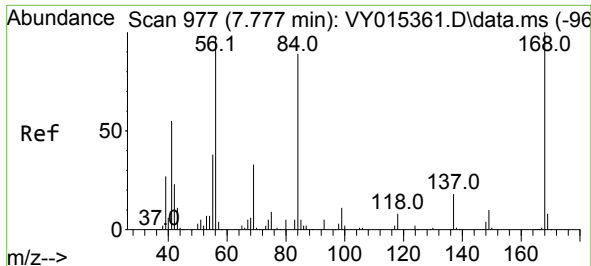
Tgt Ion: 77 Resp: 3831

Ion Ratio Lower Upper

77 100

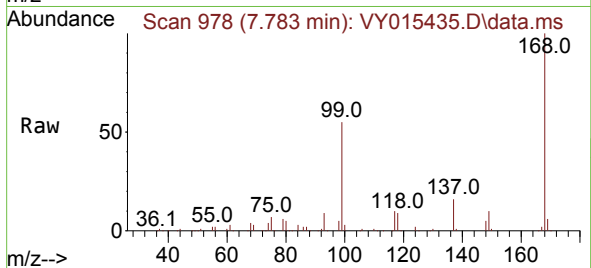
97 0.0 10.9 32.9#



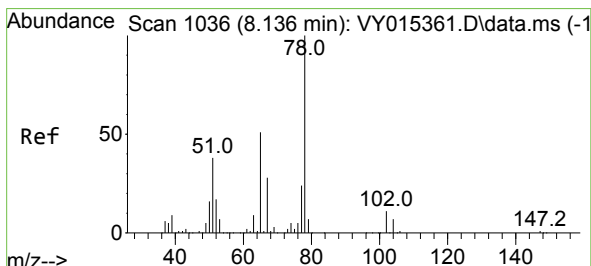
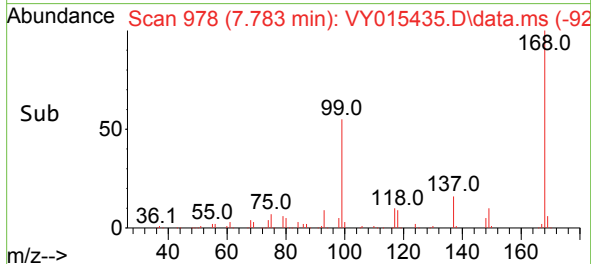
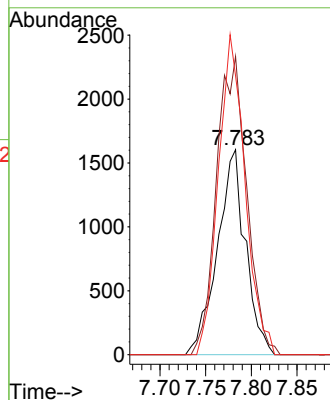


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Instrument :
MSVOA_Y
ClientSampleId :

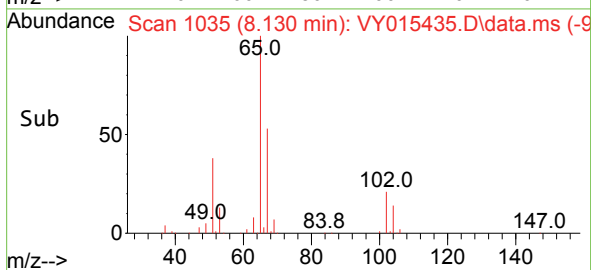
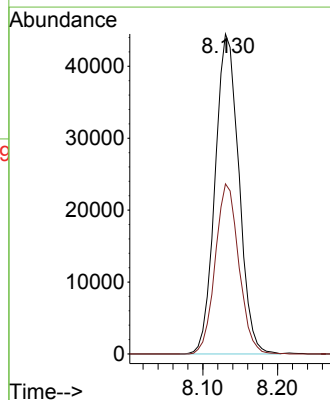
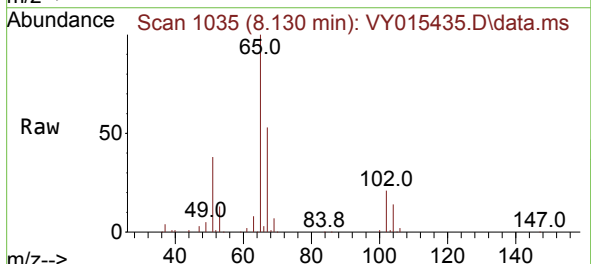


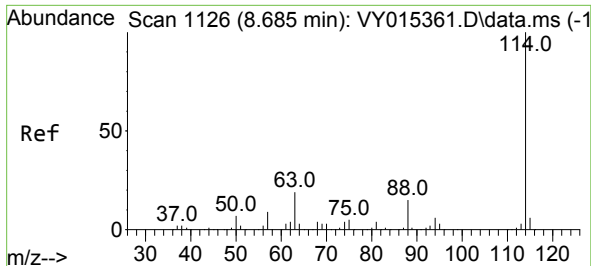
Tgt Ion: 56 Resp: 3437
Ion Ratio Lower Upper
56 100
69 145.5 27.8 41.6#
84 136.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.724 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Tgt Ion: 65 Resp: 98291
Ion Ratio Lower Upper
65 100
67 52.7 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: VY015435.D

Acq: 05 Sep 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

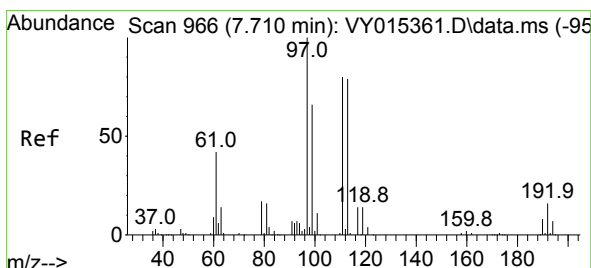
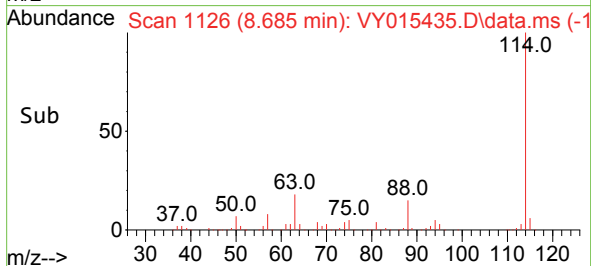
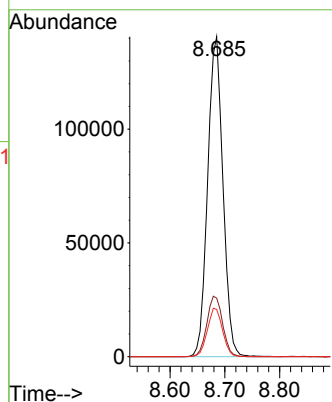
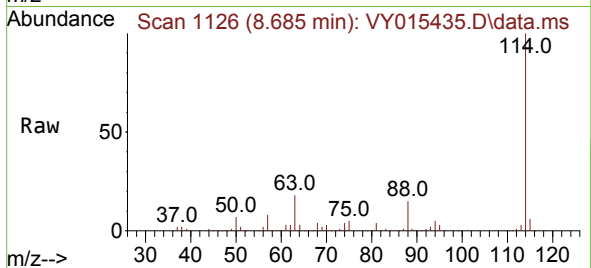
Tgt Ion:114 Resp: 270945

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.897 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY015435.D

Acq: 05 Sep 2023 17:02

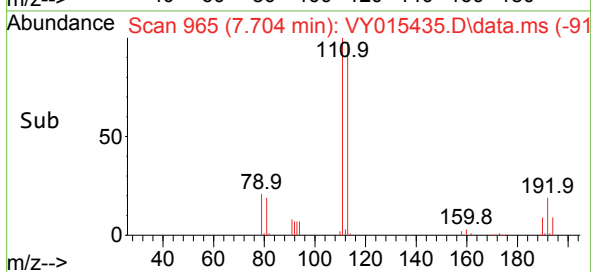
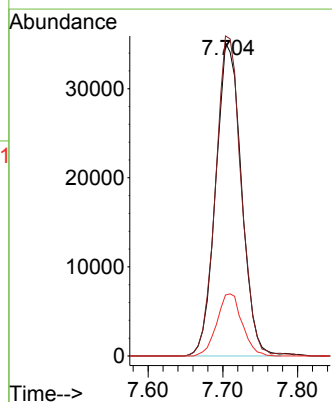
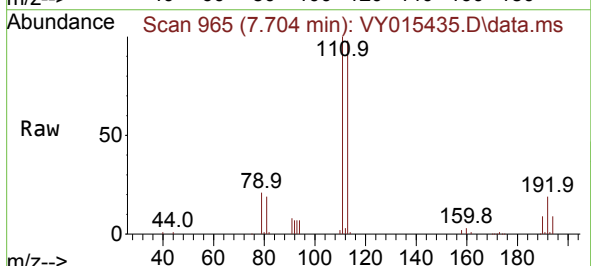
Tgt Ion:113 Resp: 84111

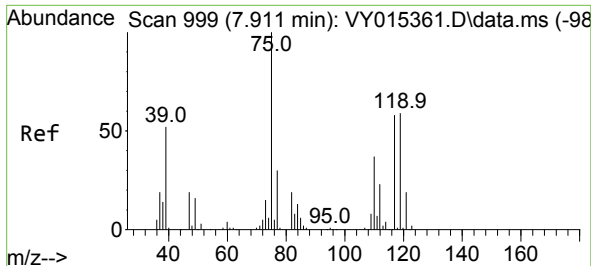
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

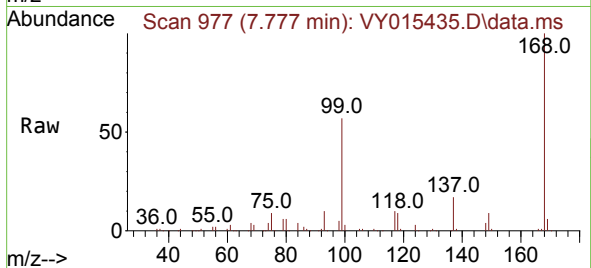
192 19.5 16.9 25.3



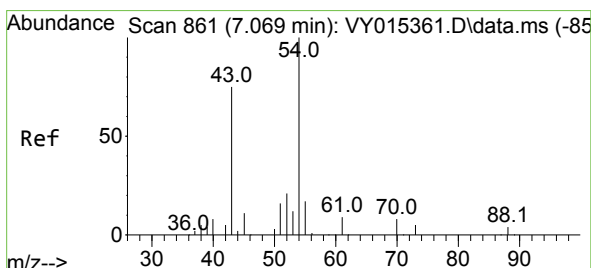
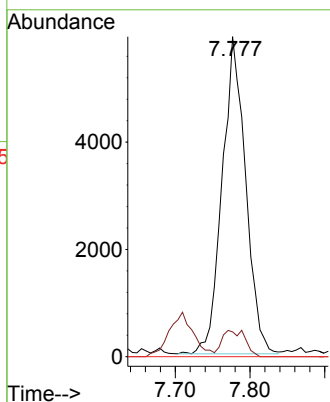
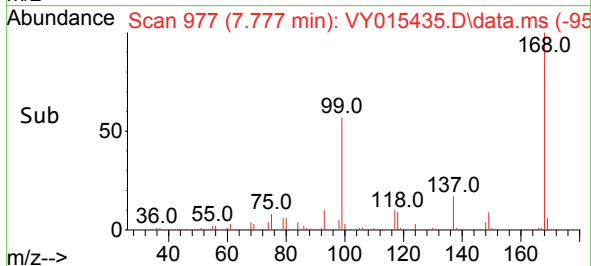


#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

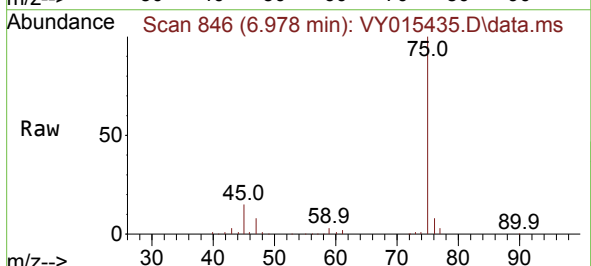
Instrument :
MSVOA_Y
ClientSampleId :



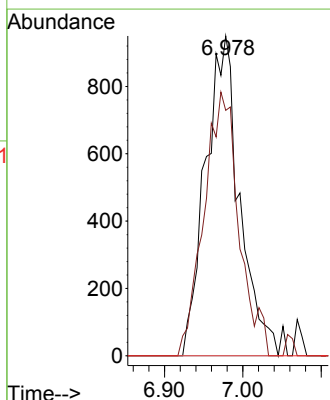
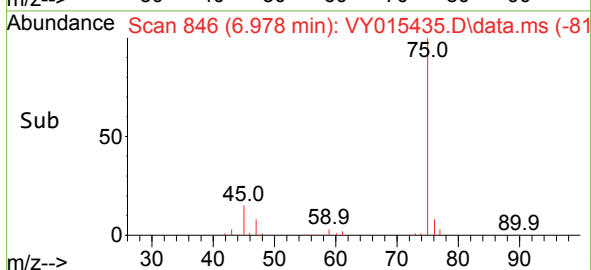
Tgt Ion: 75 Resp: 12910
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#

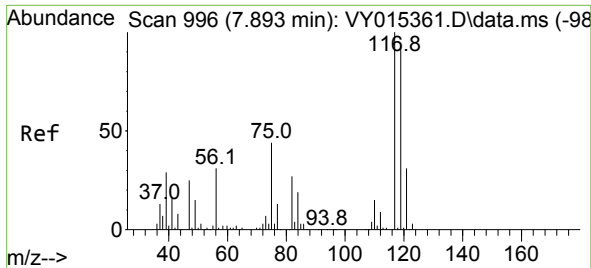


#37
Ethyl Acetate
Concen: 1.363 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.085 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02



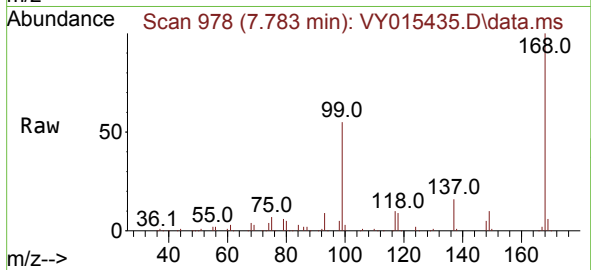
Tgt Ion: 43 Resp: 2880
Ion Ratio Lower Upper
43 100
61 84.4 10.1 15.1#
70 0.0 7.1 10.7#



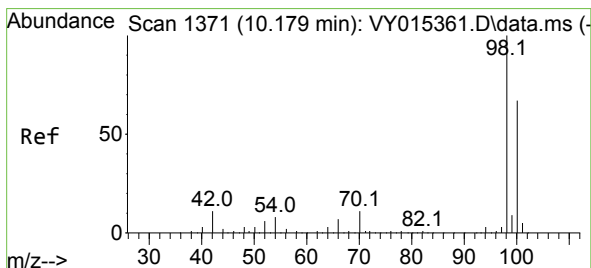
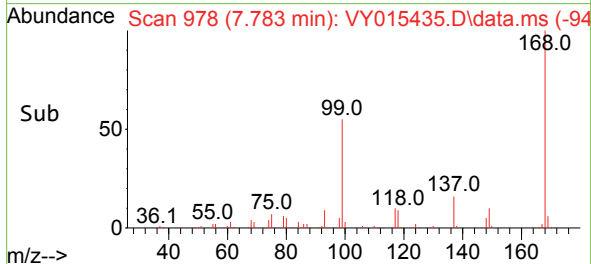
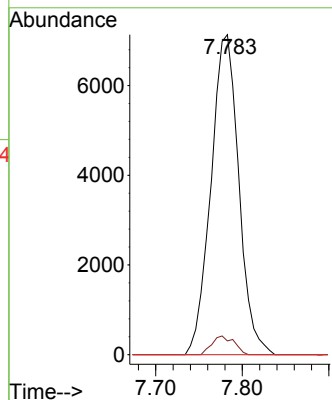


#38
Carbon Tetrachloride
Concen: 5.636 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Instrument :
MSVOA_Y
ClientSampleId :

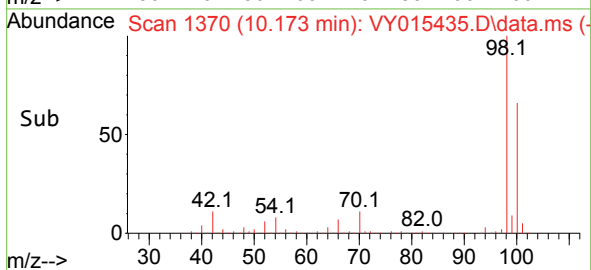
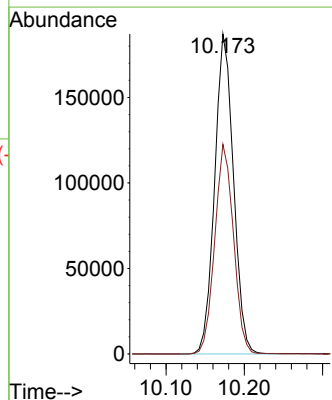
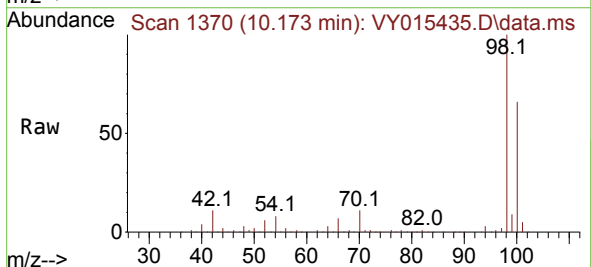


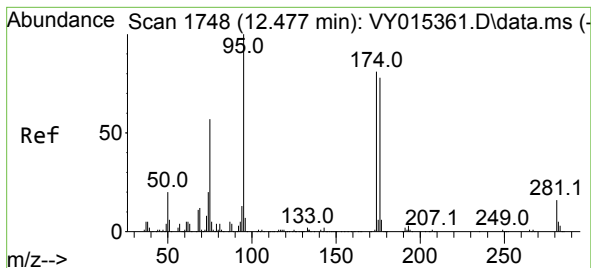
Tgt Ion:117 Resp: 15951
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.378 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Tgt Ion: 98 Resp: 312968
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

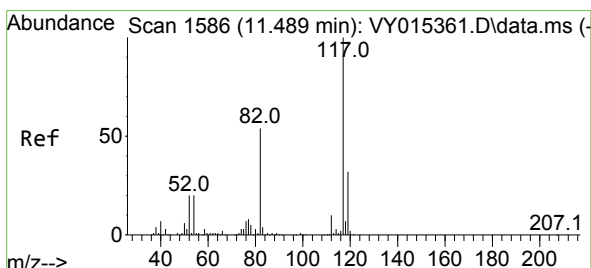
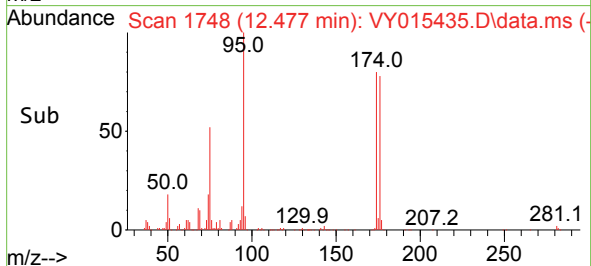
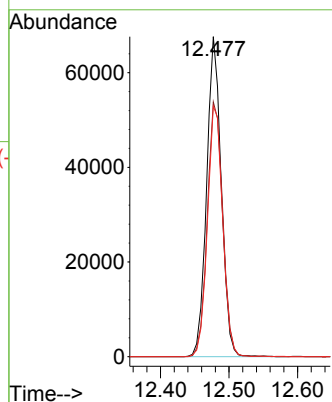
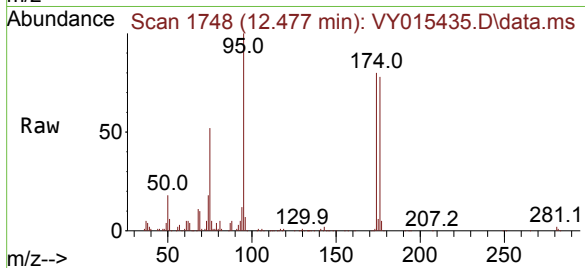




#62
4-Bromofluorobenzene
Concen: 47.799 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

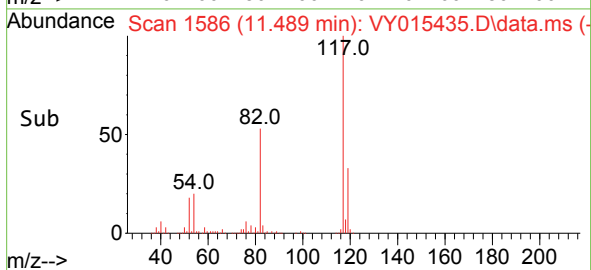
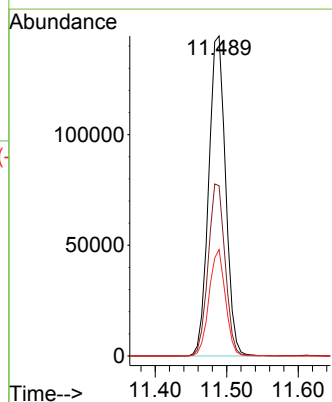
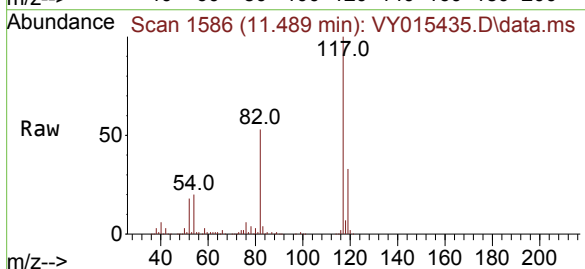
Instrument :
MSVOA_Y
ClientSampleId :

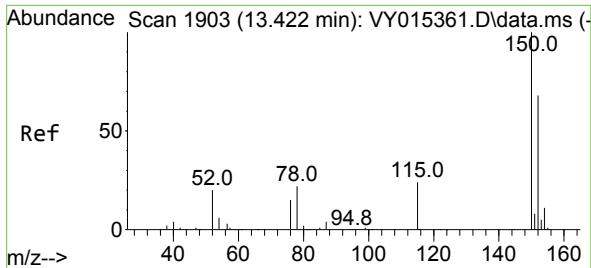
Tgt Ion: 95 Resp: 100283
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Tgt Ion: 117 Resp: 237442
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 33.3 26.3 39.5

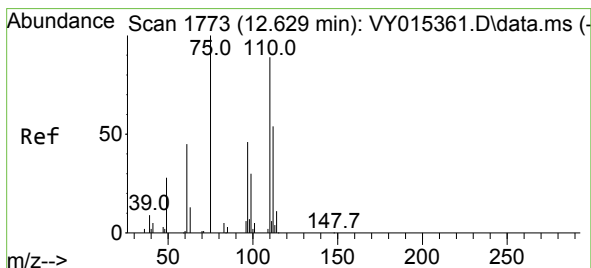
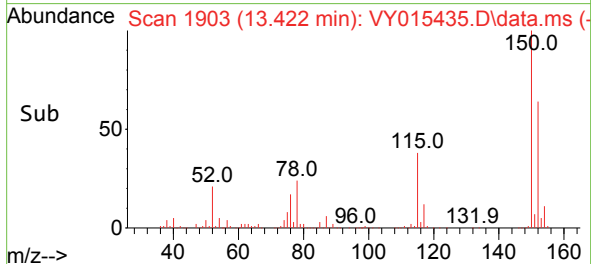
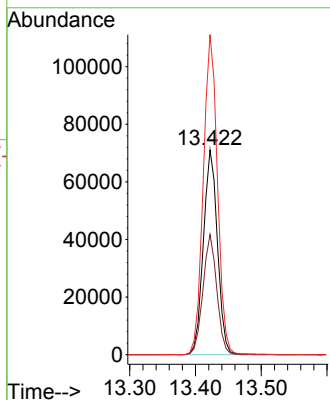
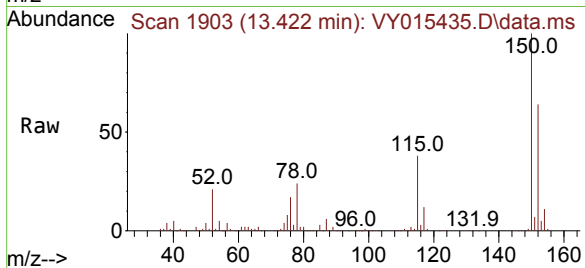




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015435.D
 Acq: 05 Sep 2023 17:02

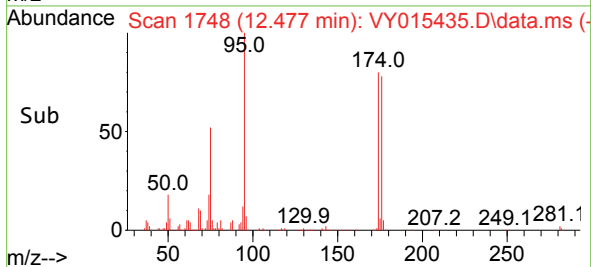
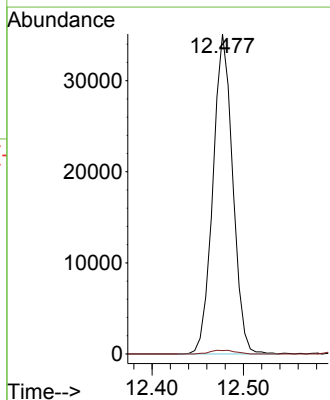
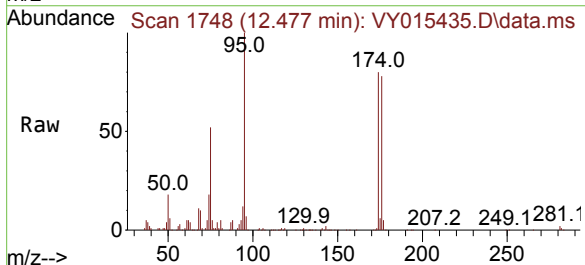
Instrument :
 MSVOA_Y
 ClientSampleId :

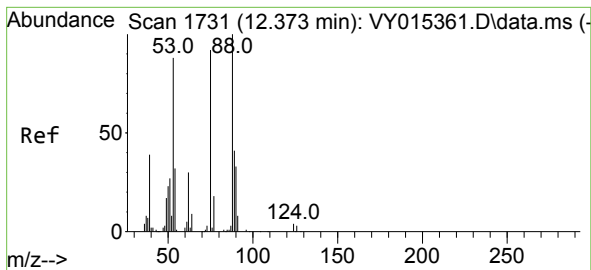
Tgt Ion:152 Resp: 105853
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.8 86.5
 150 156.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.664 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015435.D
 Acq: 05 Sep 2023 17:02

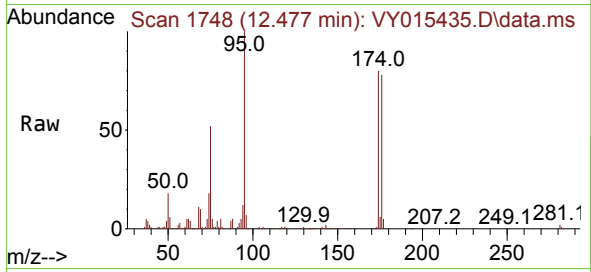
Tgt Ion: 75 Resp: 52870
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.083 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015435.D
 Acq: 05 Sep 2023 17:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 52870
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

