

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015431.D
 Acq On : 05 Sep 2023 14:06
 Operator : SY/MD
 Sample : VY0905SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:42:42 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)

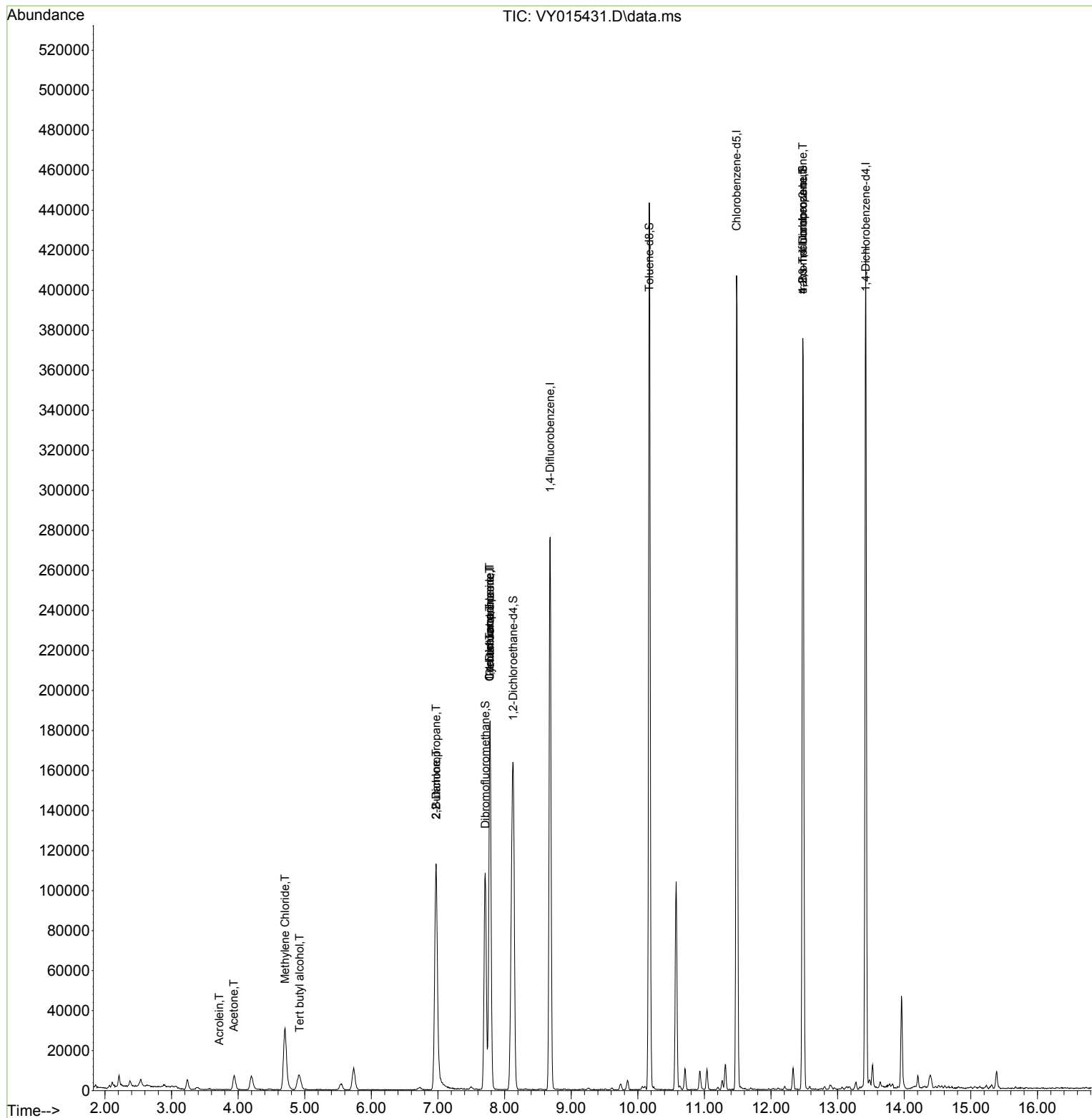
Internal Standards						
1) Pentafluorobenzene	7.783	168	144795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	221891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	93736	60.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.780%	
35) Dibromofluoromethane	7.710	113	77923	55.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.360%	
50) Toluene-d8	10.173	98	287281	56.176	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.360%	
62) 4-Bromofluorobenzene	12.477	95	96438	50.797	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	8355	7.926	ug/l #	91
13) Acrolein	3.716	56	56	11.770	ug/l #	14
16) Acetone	3.936	43	12820	19.788	ug/l	97
20) Methylene Chloride	4.704	84	23180	5.582	ug/l	85
25) 2-Butanone	6.972	43	6935	7.547	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	8816	3.582	ug/l #	54
31) Cyclohexane	7.777	56	3077	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	11440	4.614	ug/l #	49
38) Carbon Tetrachloride	7.777	117	14237	5.559	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	52933	37.676	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52933	83.109	ug/l #	11

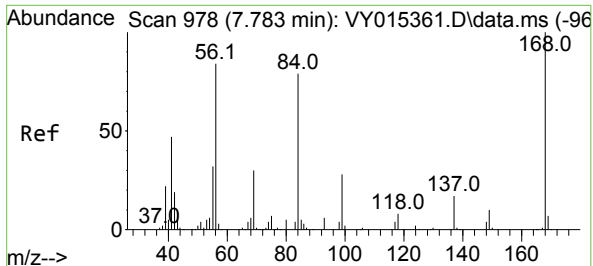
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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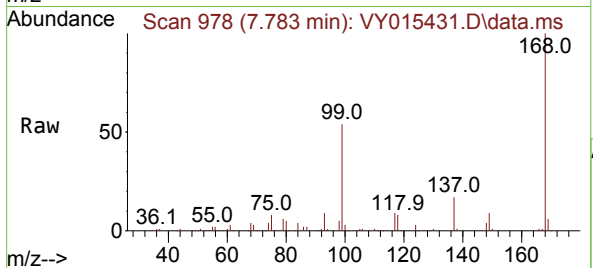
Quant Time: Sep 06 01:42:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



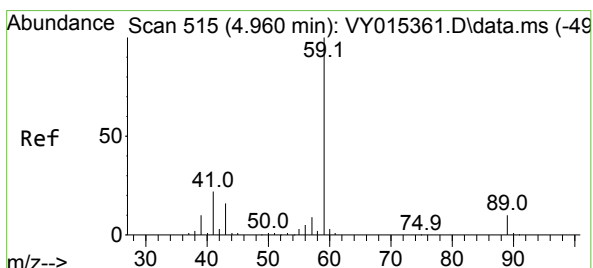
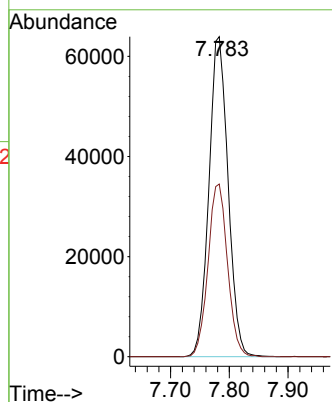
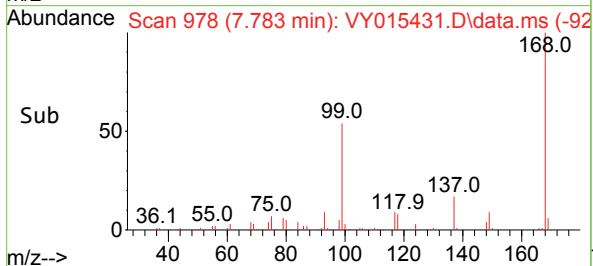


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015431.D
Acq: 05 Sep 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :

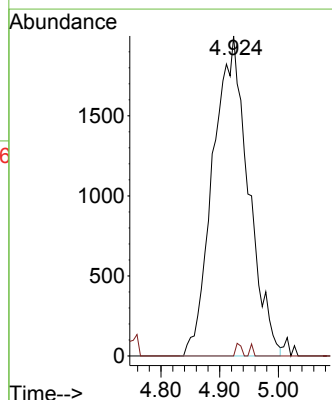
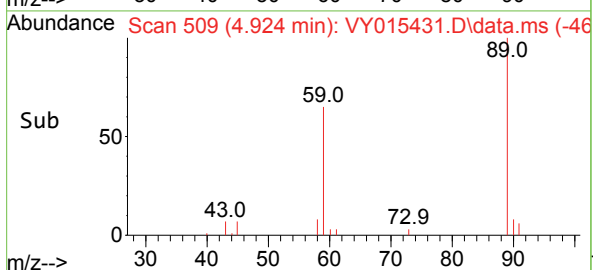
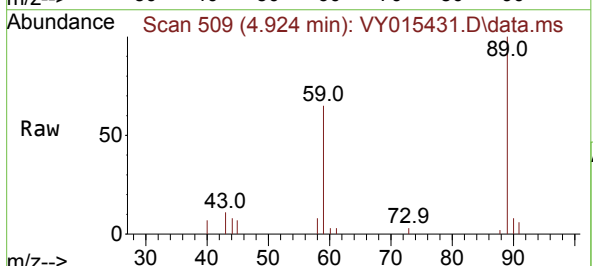


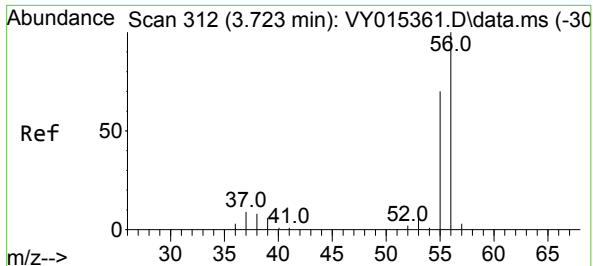
Tgt Ion:168 Resp: 144795
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 7.926 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY015431.D
Acq: 05 Sep 2023 14:06

Tgt Ion: 59 Resp: 8355
Ion Ratio Lower Upper
59 100
57 0.6 3.0 4.4#





#13

Acrolein

Concen: 11.770 ug/l

RT: 3.716 min Scan# 31

Delta R.T. -0.007 min

Lab File: VY015431.D

Acq: 05 Sep 2023 14:06

Instrument :

MSVOA_Y

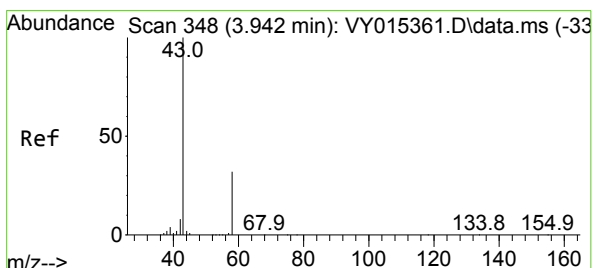
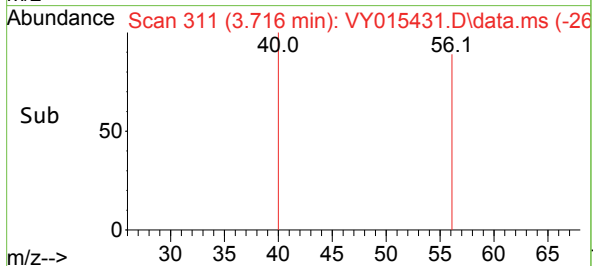
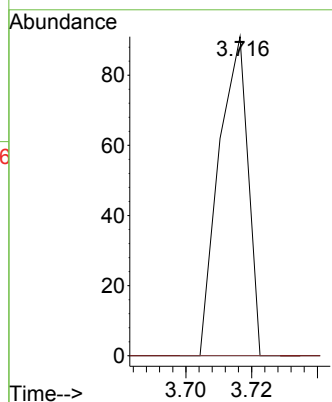
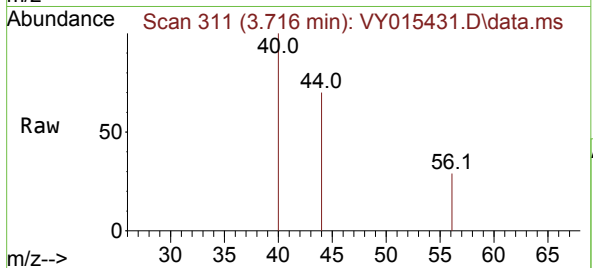
ClientSampleId :

Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 19.788 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY015431.D

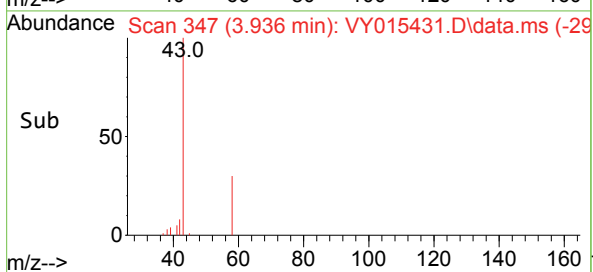
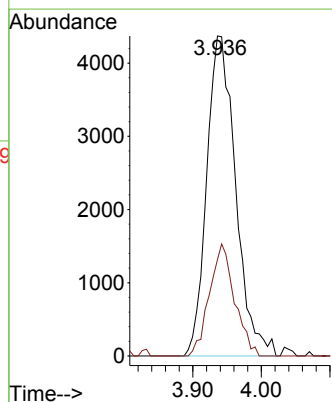
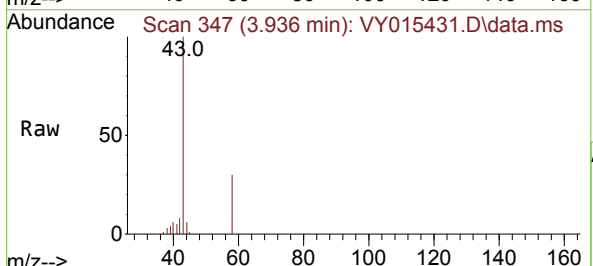
Acq: 05 Sep 2023 14:06

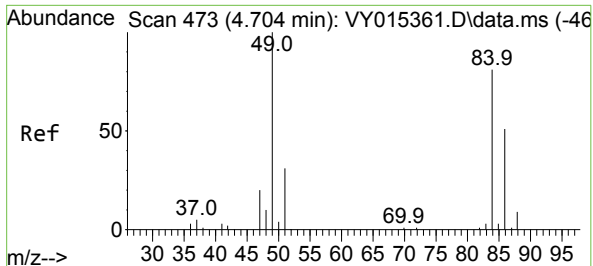
Tgt Ion: 43 Resp: 12820

Ion Ratio Lower Upper

43 100

58 30.1 22.7 34.1





#20

Methylene Chloride

Concen: 5.582 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

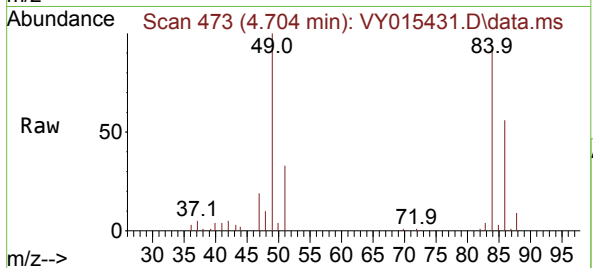
Lab File: VY015431.D

Acq: 05 Sep 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 23180

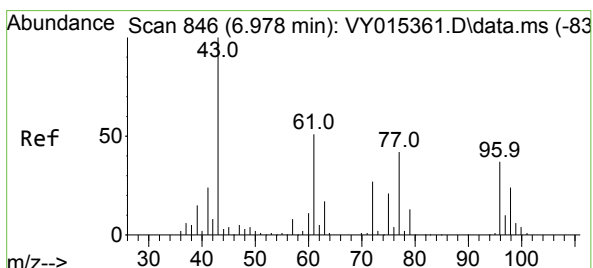
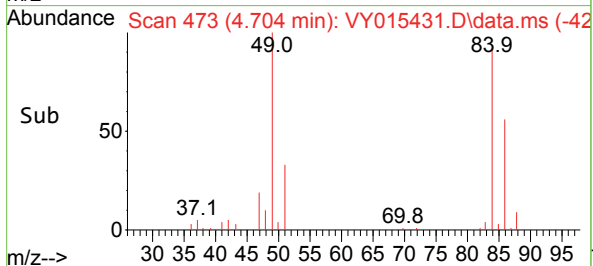
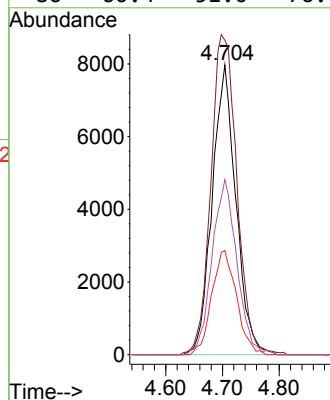
Ion Ratio Lower Upper

84 100

49 108.5 106.9 160.3

51 36.0 33.2 49.8

86 60.4 51.0 76.6



#25

2-Butanone

Concen: 7.547 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY015431.D

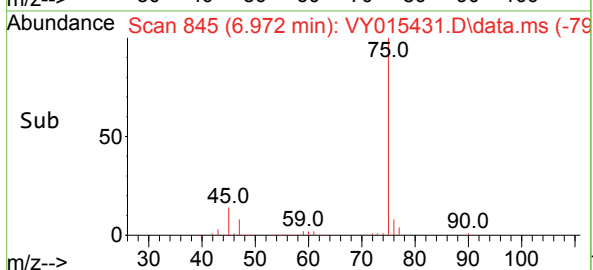
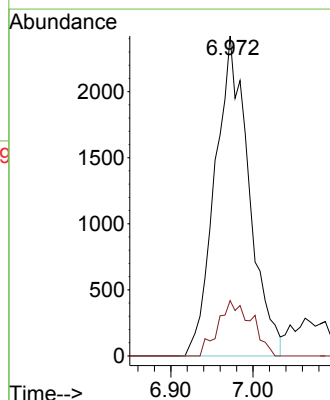
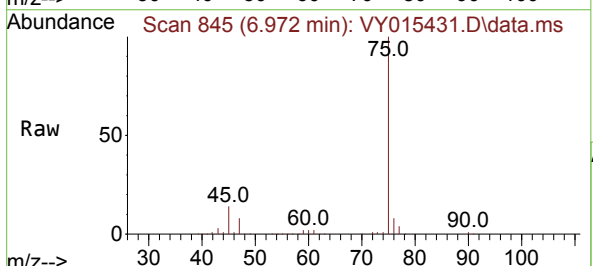
Acq: 05 Sep 2023 14:06

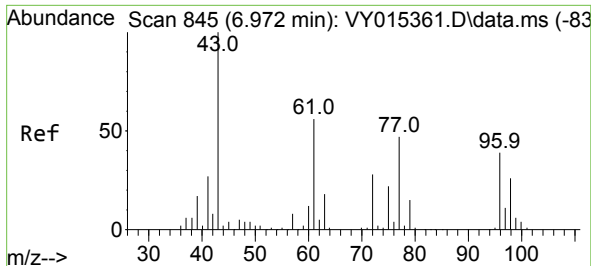
Tgt Ion: 43 Resp: 6935

Ion Ratio Lower Upper

43 100

72 17.3 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 3.582 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015431.D

Acq: 05 Sep 2023 14:06

Instrument :

MSVOA_Y

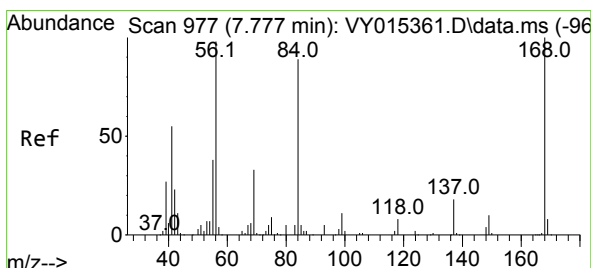
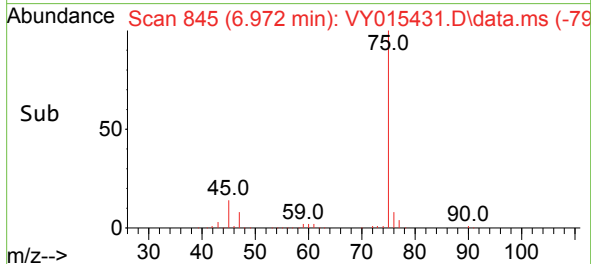
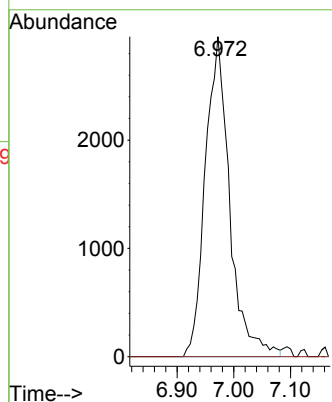
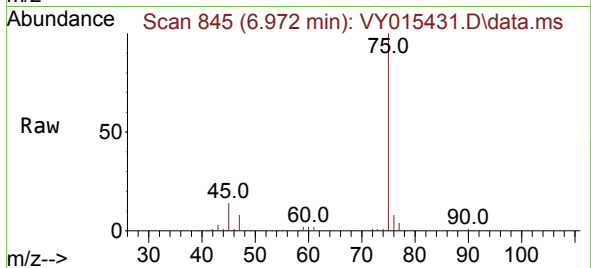
ClientSampleId :

Tgt Ion: 77 Resp: 8816

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.116 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY015431.D

Acq: 05 Sep 2023 14:06

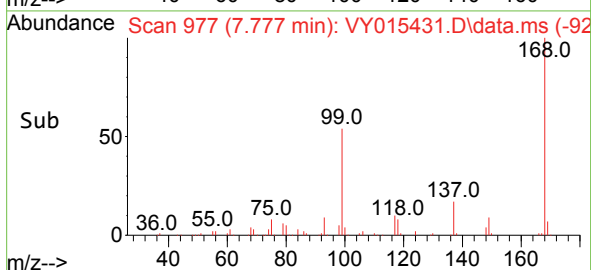
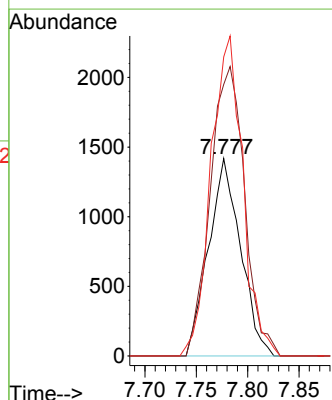
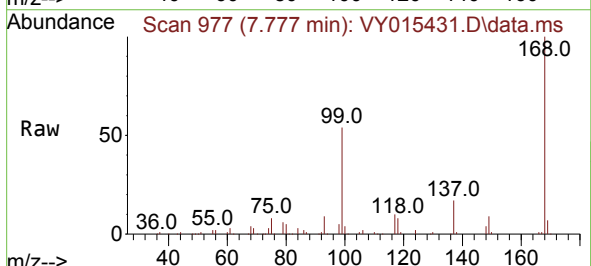
Tgt Ion: 56 Resp: 3077

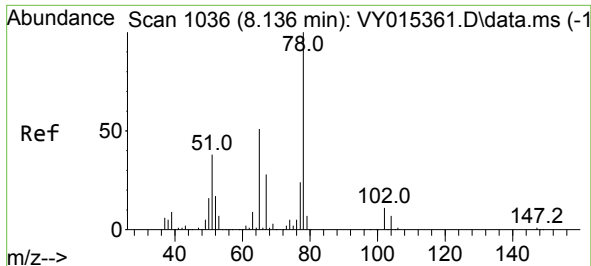
Ion Ratio Lower Upper

56 100

69 137.5 27.8 41.6#

84 151.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.390 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY015431.D

Acq: 05 Sep 2023 14:06

Instrument :

MSVOA_Y

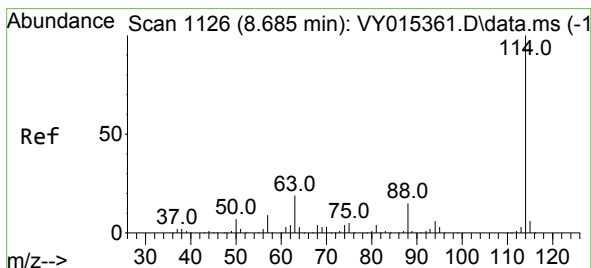
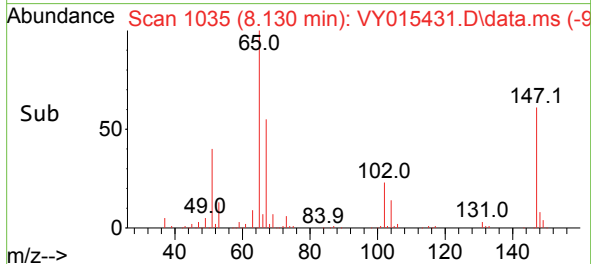
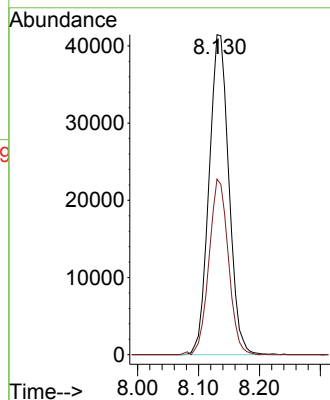
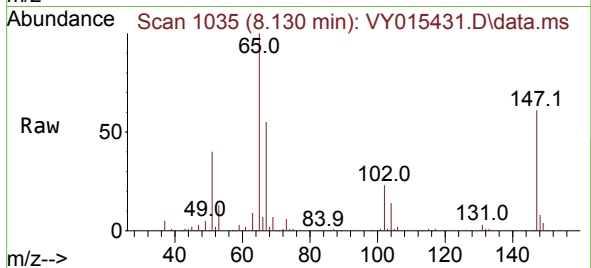
ClientSampleId :

Tgt Ion: 65 Resp: 93736

Ion Ratio Lower Upper

65 100

67 53.6 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: VY015431.D

Acq: 05 Sep 2023 14:06

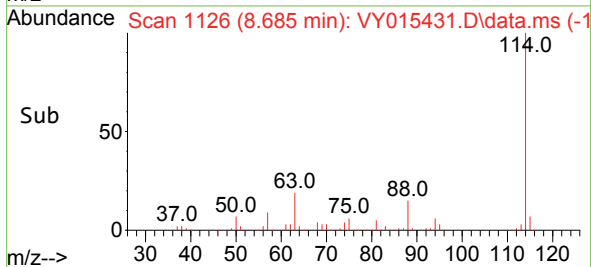
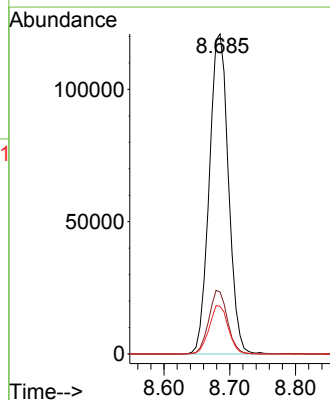
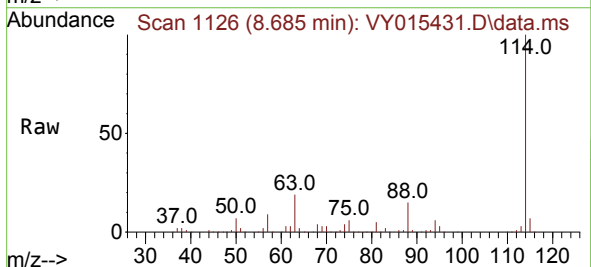
Tgt Ion:114 Resp: 245176

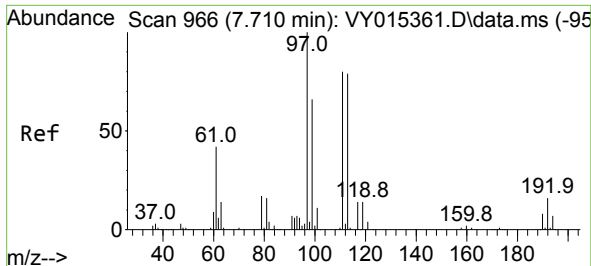
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

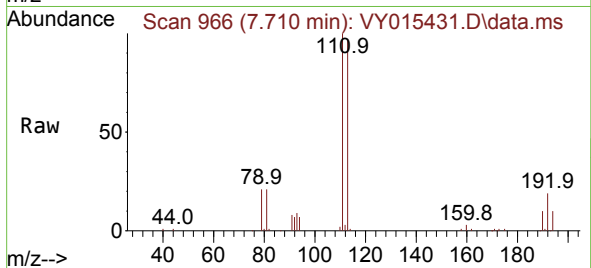
88 14.8 0.0 30.6



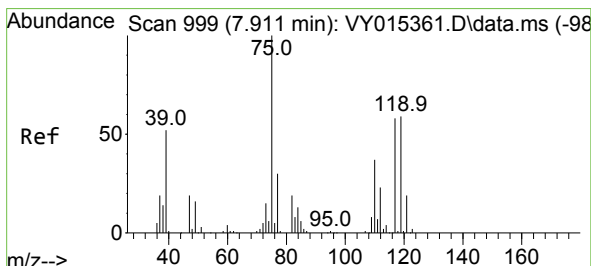
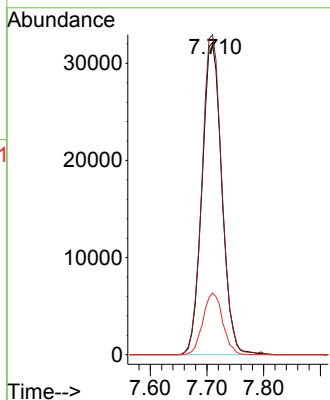
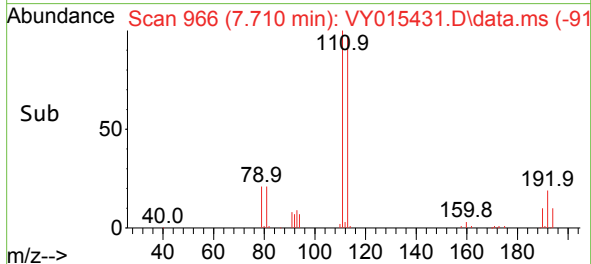


#35
Dibromofluoromethane
Concen: 55.180 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015431.D
Acq: 05 Sep 2023 14:06

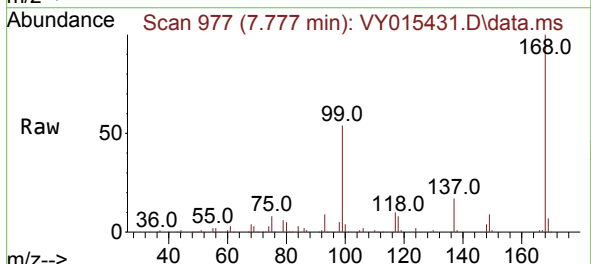
Instrument :
MSVOA_Y
ClientSampleId :



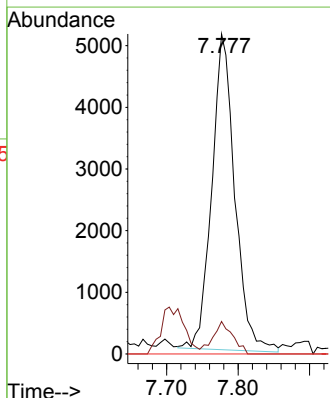
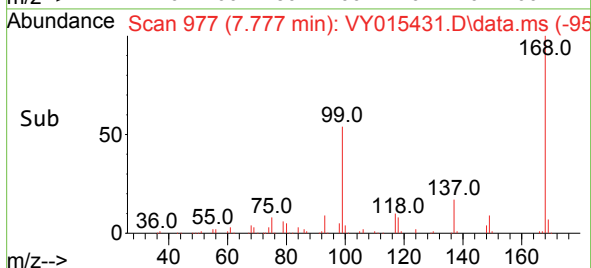
Tgt Ion:113 Resp: 77923
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.7 16.9 25.3

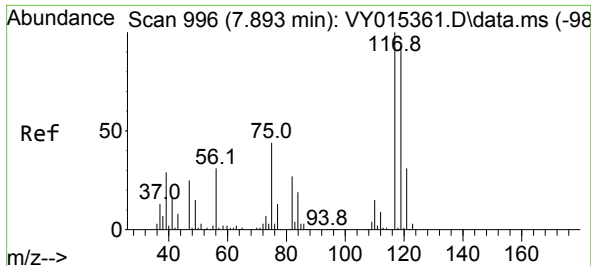


#36
1,1-Dichloropropene
Concen: 4.614 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY015431.D
Acq: 05 Sep 2023 14:06



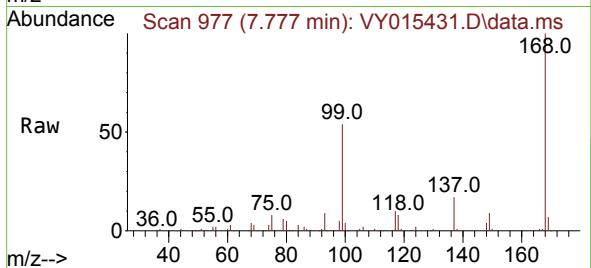
Tgt Ion: 75 Resp: 11440
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



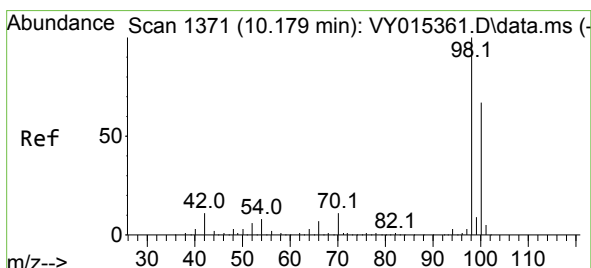
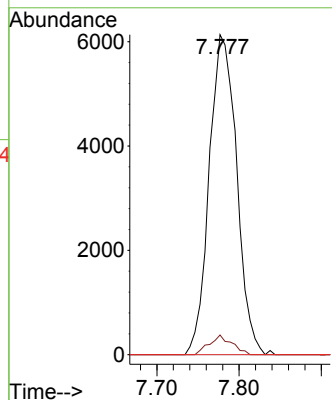
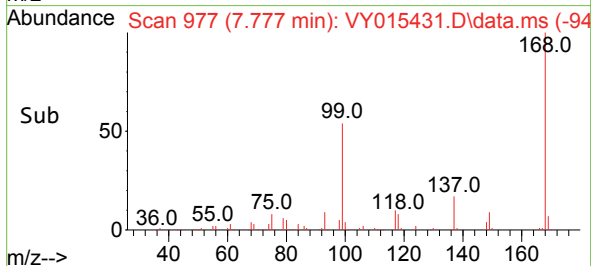


#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015431.D
Acq: 05 Sep 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :

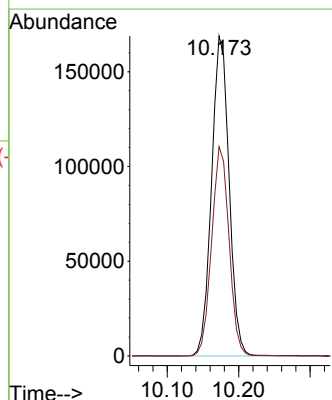
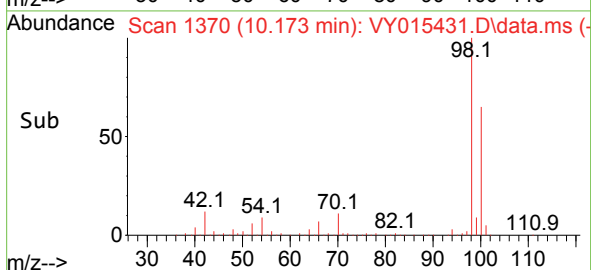
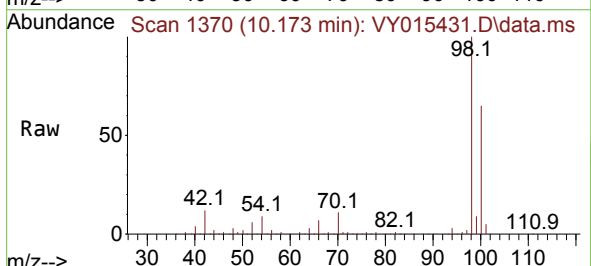


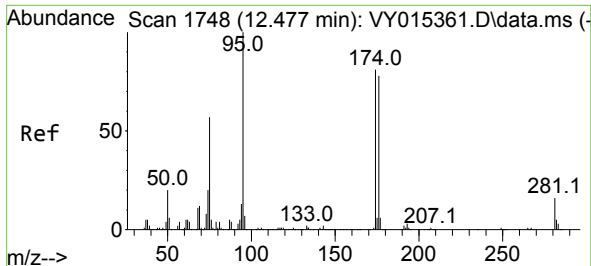
Tgt Ion:117 Resp: 14237
Ion Ratio Lower Upper
117 100
119 6.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.176 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015431.D
Acq: 05 Sep 2023 14:06

Tgt Ion: 98 Resp: 287281
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

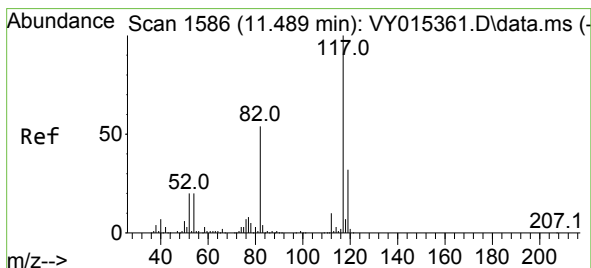
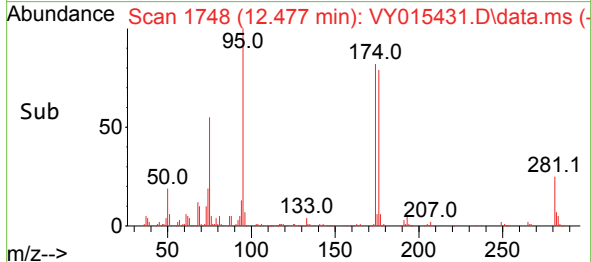
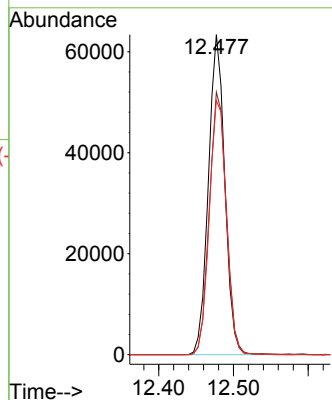
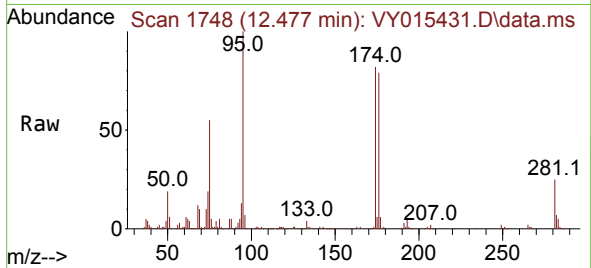




#62
4-Bromofluorobenzene
Concen: 50.797 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015431.D
Acq: 05 Sep 2023 14:06

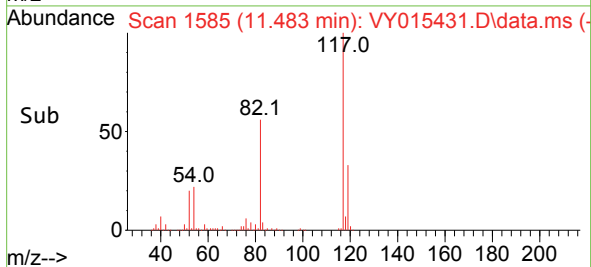
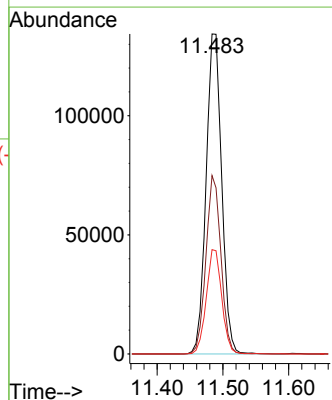
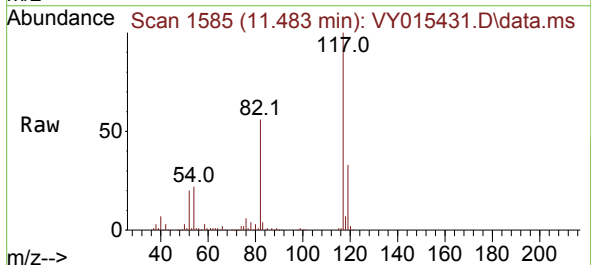
Instrument :
MSVOA_Y
ClientSampleId :

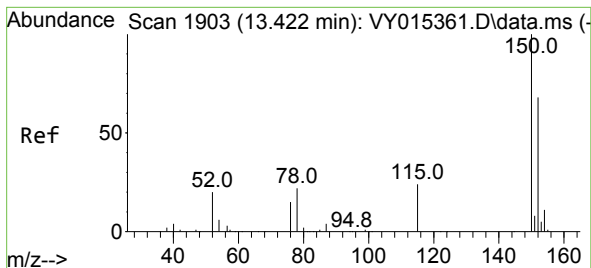
Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	178.2
176	82.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015431.D
Acq: 05 Sep 2023 14:06

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.4	65.0
119	32.6	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: VY015431.D

Acq: 05 Sep 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

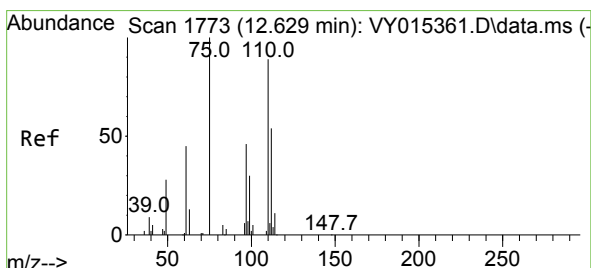
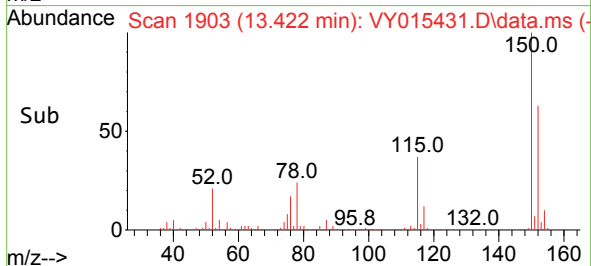
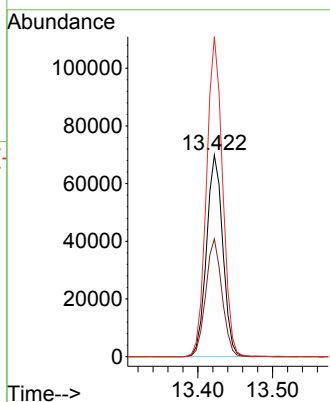
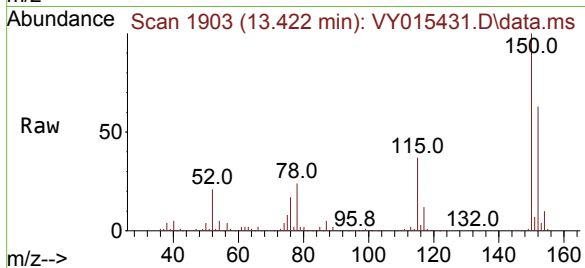
Tgt Ion:152 Resp: 105946

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 156.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.676 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015431.D

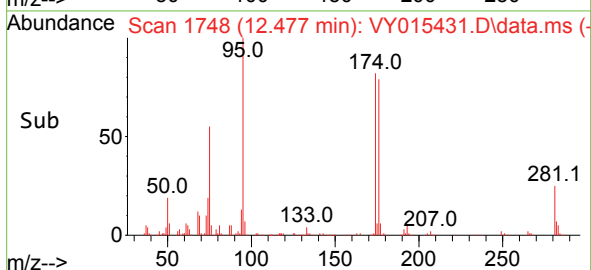
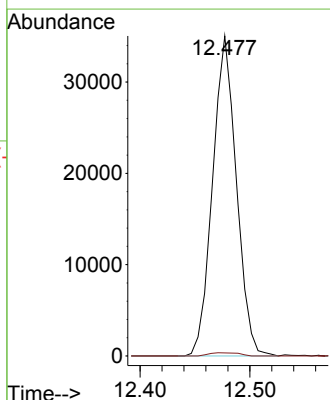
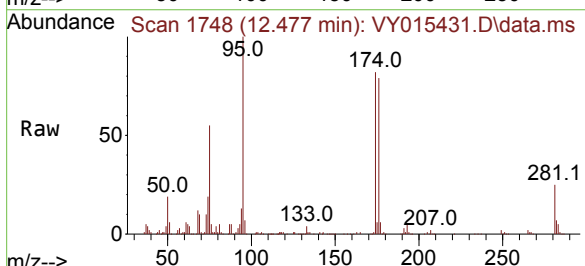
Acq: 05 Sep 2023 14:06

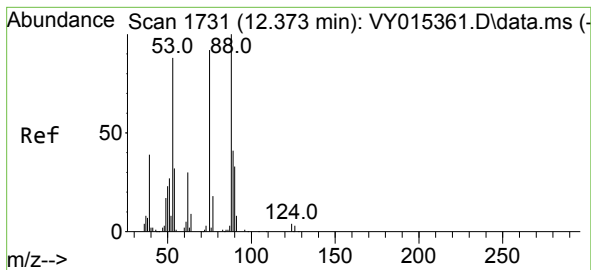
Tgt Ion: 75 Resp: 52933

Ion Ratio Lower Upper

75 100

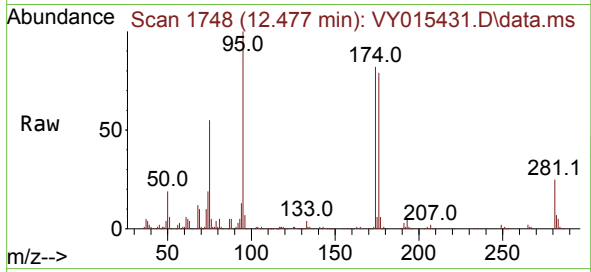
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.109 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015431.D
 Acq: 05 Sep 2023 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 52933
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.6 37.4 56.0#

