

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY015996.D
 Acq On : 17 Oct 2023 11:03
 Operator : SY/MD
 Sample : VY1017SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 06:04:11 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)

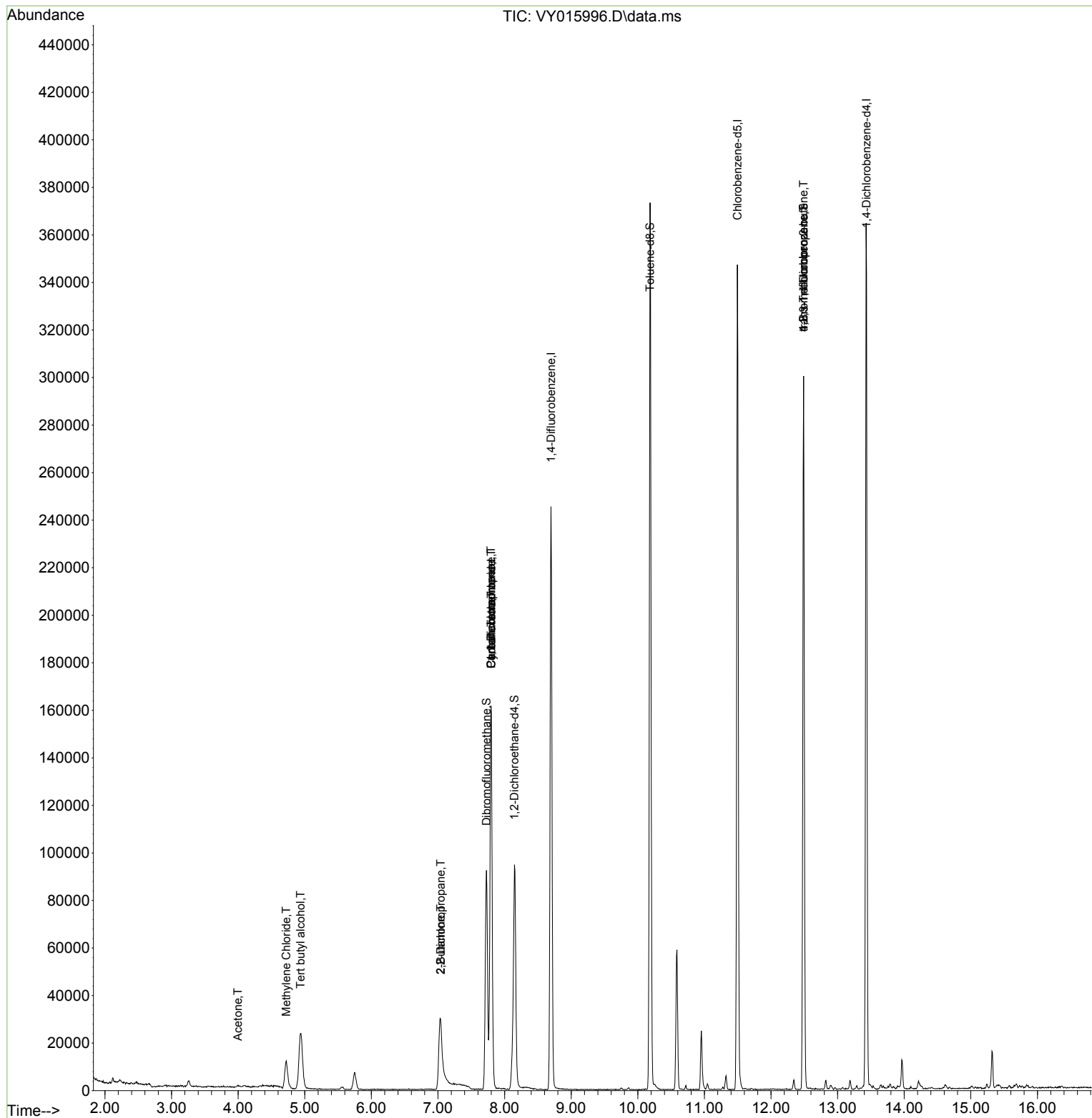
Internal Standards						
1) Pentafluorobenzene	7.801	168	126604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	196675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75051	51.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.880%	
35) Dibromofluoromethane	7.728	113	68376	50.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.185	98	247914	49.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.489	95	83080	46.308	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1176	Below Cal	#	79
11) Tert butyl alcohol	4.936	59	22837	27.242	ug/l #	92
16) Acetone	3.997	43	1032	1.230	ug/l	97
20) Methylene Chloride	4.722	84	8577	1.307	ug/l	87
25) 2-Butanone	7.039	43	2405	1.969	ug/l #	72
26) 2,2-Dichloropropane	7.039	77	3121	1.529	ug/l #	54
31) Cyclohexane	7.801	56	2469	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10012	4.932	ug/l #	49
38) Carbon Tetrachloride	7.801	117	12209	5.711	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	43673	23.721	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	43673	55.880	ug/l #	11

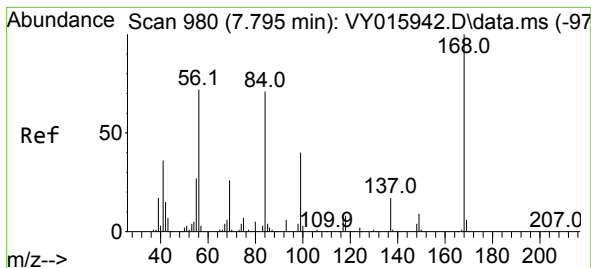
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.801 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015996.D

Acq: 17 Oct 2023 11:03

Instrument :

MSVOA_Y

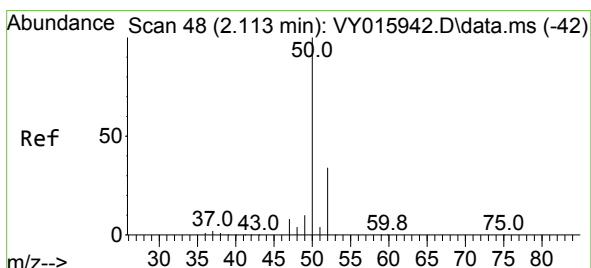
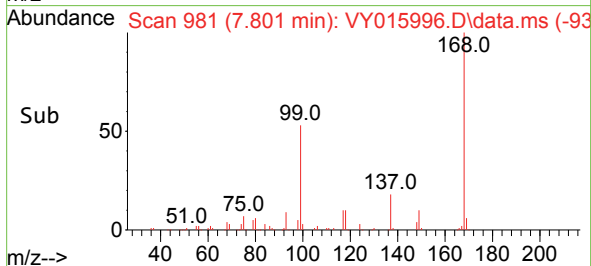
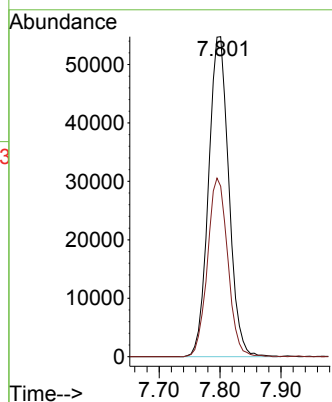
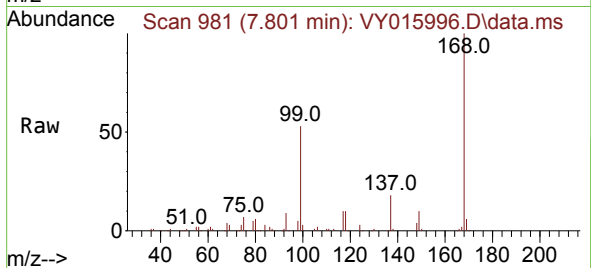
ClientSampleId :

Tgt Ion:168 Resp: 126604

Ion Ratio Lower Upper

168 100

99 53.2 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY015996.D

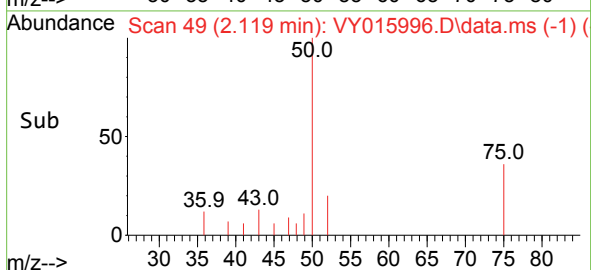
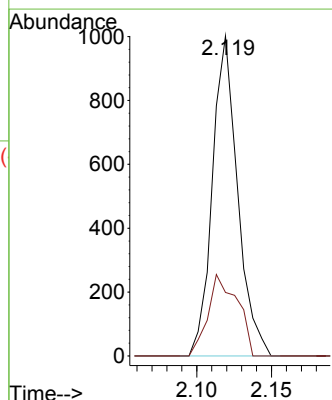
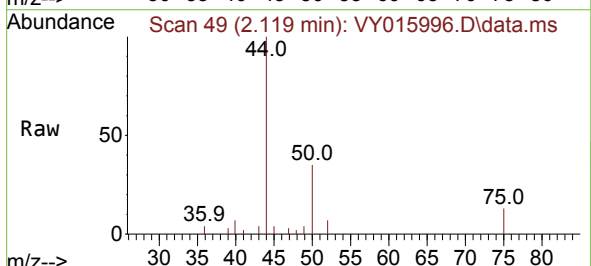
Acq: 17 Oct 2023 11:03

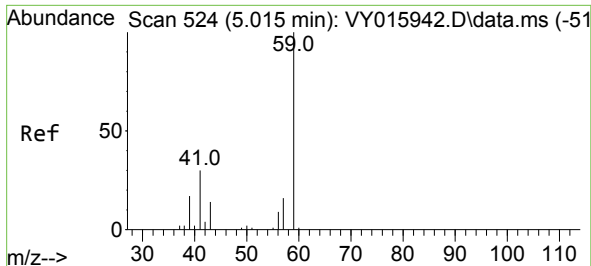
Tgt Ion: 50 Resp: 1176

Ion Ratio Lower Upper

50 100

52 19.9 25.4 38.2#





#11

Tert butyl alcohol

Concen: 27.242 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.079 min

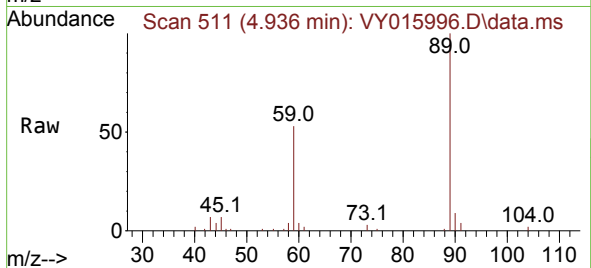
Lab File: VY015996.D

Acq: 17 Oct 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

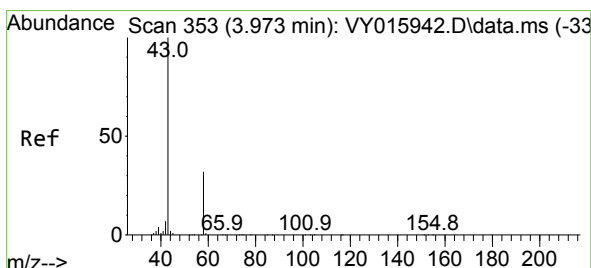
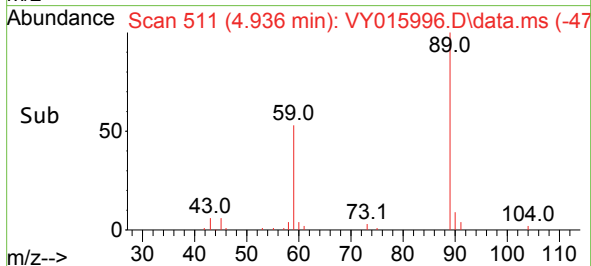
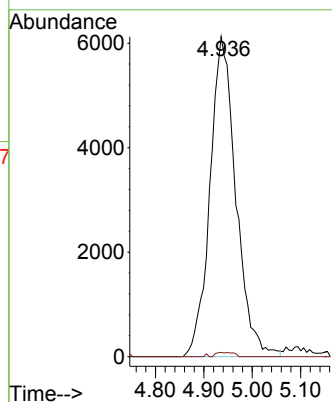


Tgt Ion: 59 Resp: 22837

Ion Ratio Lower Upper

59 100

57 0.9 3.0 4.4#



#16

Acetone

Concen: 1.230 ug/l

RT: 3.997 min Scan# 357

Delta R.T. 0.024 min

Lab File: VY015996.D

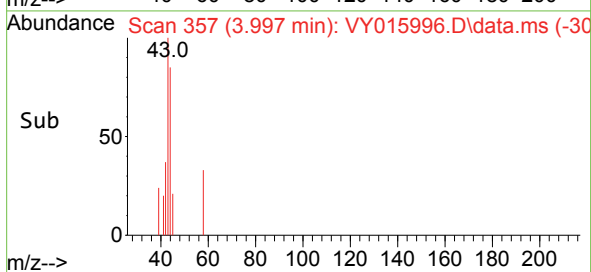
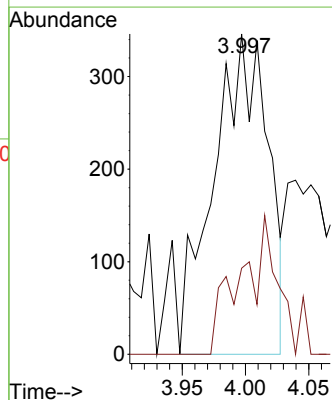
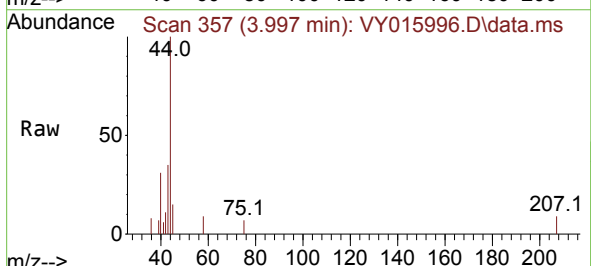
Acq: 17 Oct 2023 11:03

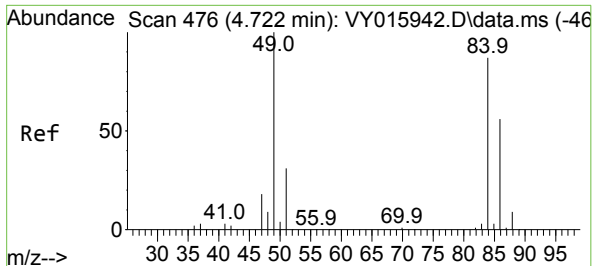
Tgt Ion: 43 Resp: 1032

Ion Ratio Lower Upper

43 100

58 26.9 22.7 34.1





#20

Methylene Chloride

Concen: 1.307 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.000 min

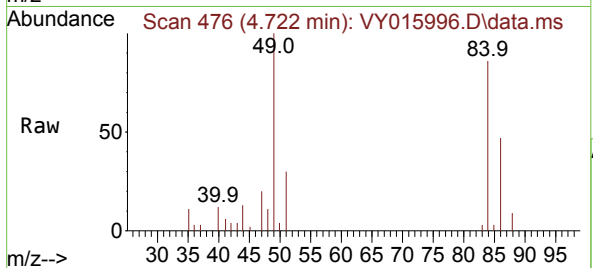
Lab File: VY015996.D

Acq: 17 Oct 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 8577

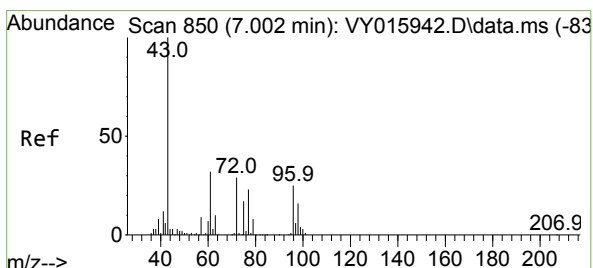
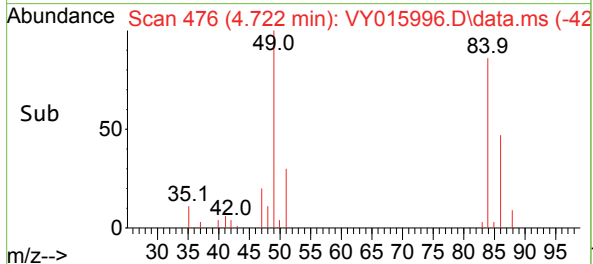
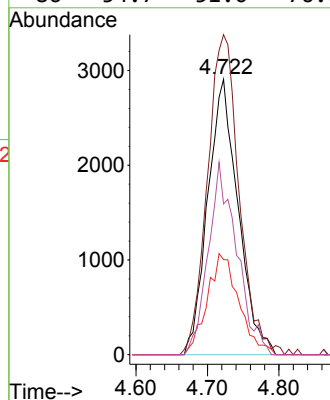
Ion Ratio Lower Upper

84 100

49 116.2 106.9 160.3

51 34.5 33.2 49.8

86 54.7 51.0 76.6



#25

2-Butanone

Concen: 1.969 ug/l

RT: 7.039 min Scan# 856

Delta R.T. 0.037 min

Lab File: VY015996.D

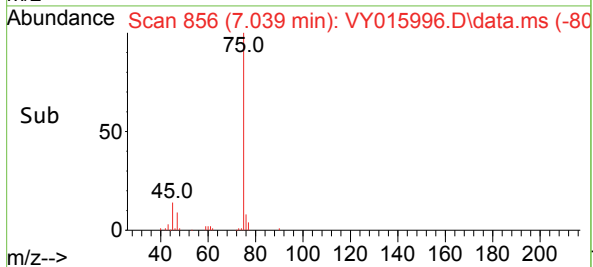
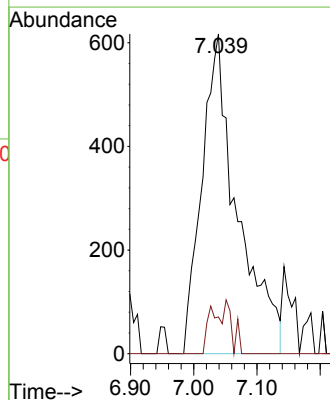
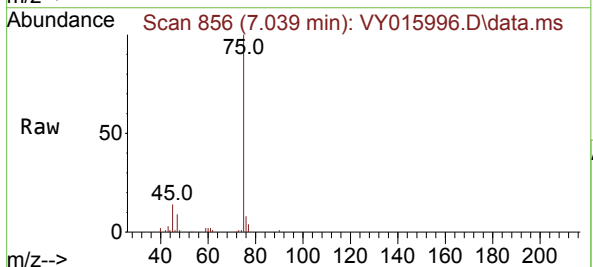
Acq: 17 Oct 2023 11:03

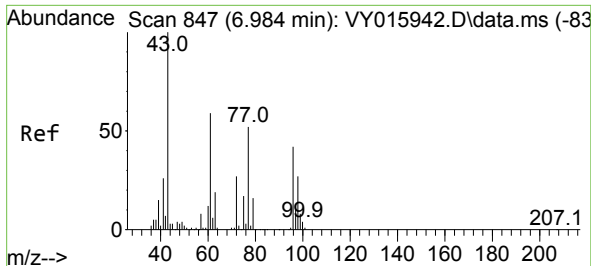
Tgt Ion: 43 Resp: 2405

Ion Ratio Lower Upper

43 100

72 11.5 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.529 ug/l

RT: 7.039 min Scan# 81

Delta R.T. 0.055 min

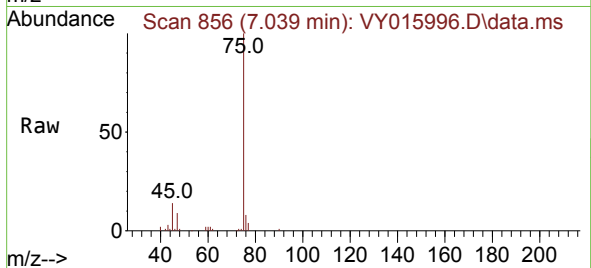
Lab File: VY015996.D

Acq: 17 Oct 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

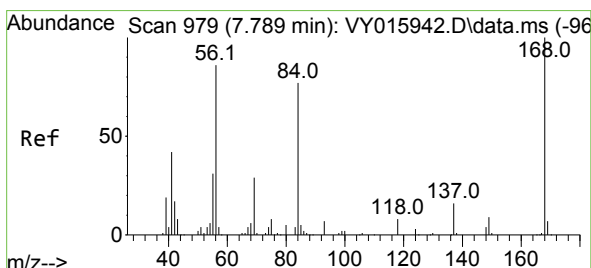
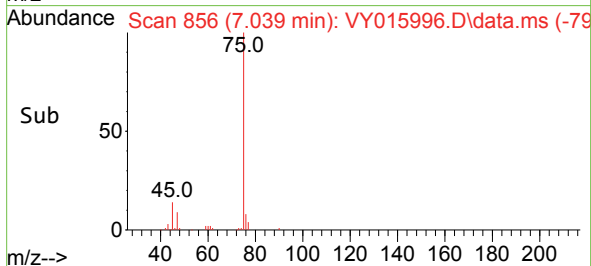
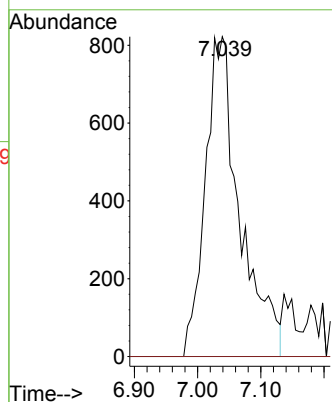


Tgt Ion: 77 Resp: 3121

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.073 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY015996.D

Acq: 17 Oct 2023 11:03

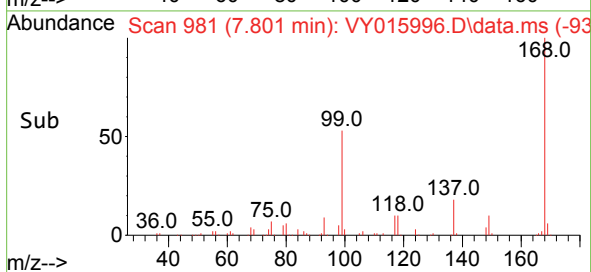
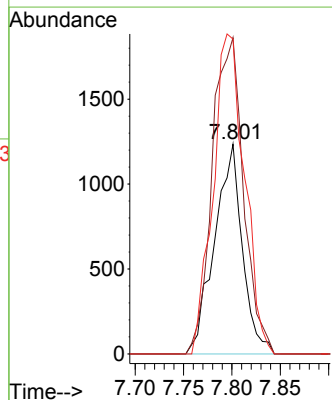
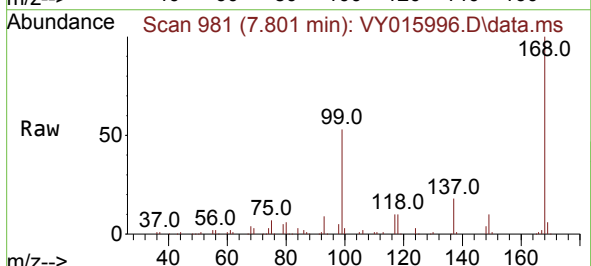
Tgt Ion: 56 Resp: 2469

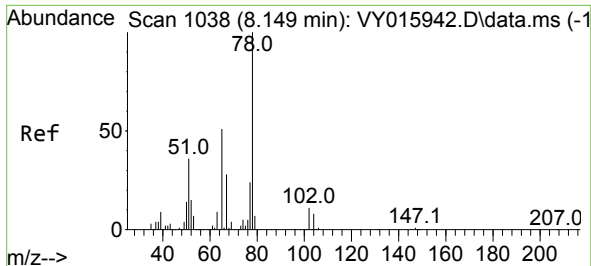
Ion Ratio Lower Upper

56 100

69 150.8 27.8 41.6#

84 150.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.942 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015996.D

Acq: 17 Oct 2023 11:03

Instrument :

MSVOA_Y

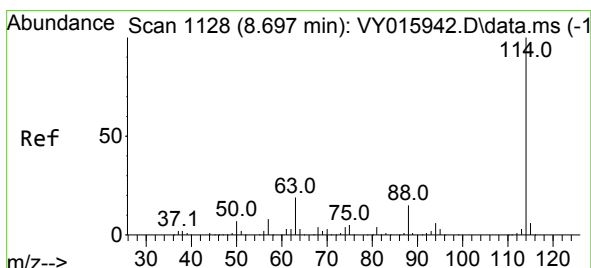
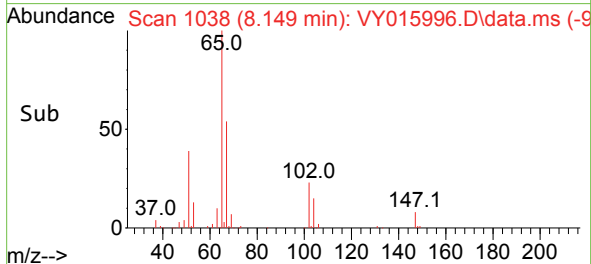
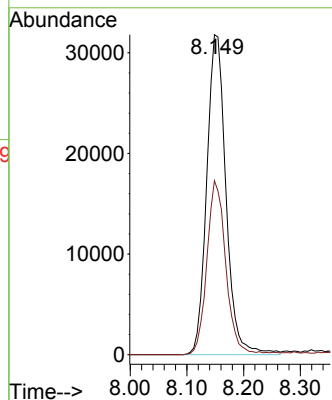
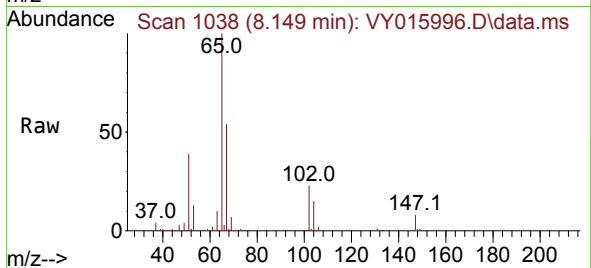
ClientSampleId :

Tgt Ion: 65 Resp: 75051

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015996.D

Acq: 17 Oct 2023 11:03

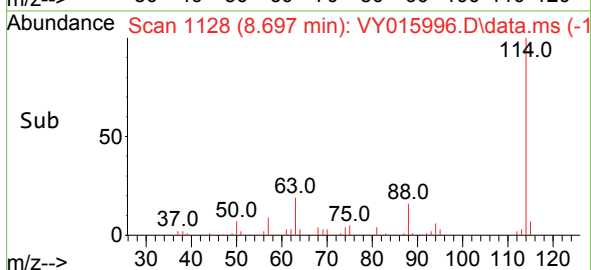
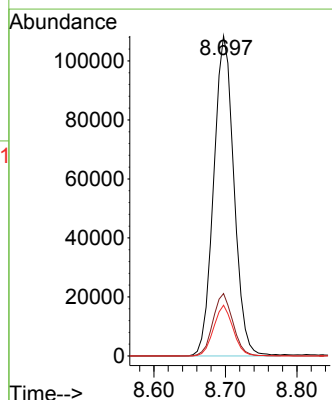
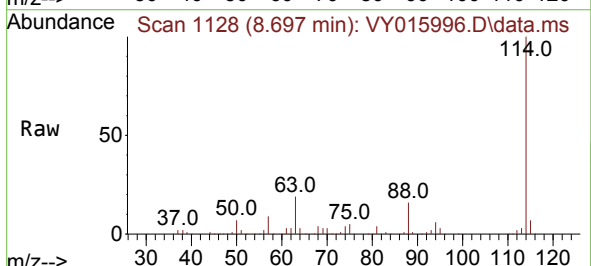
Tgt Ion: 114 Resp: 213704

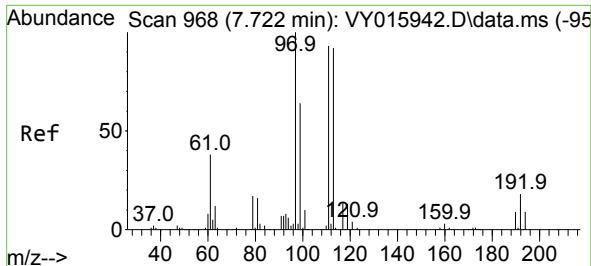
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.9 0.0 30.6

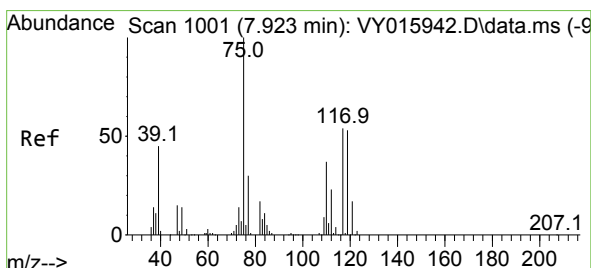
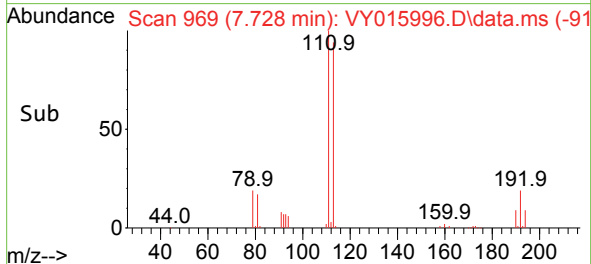
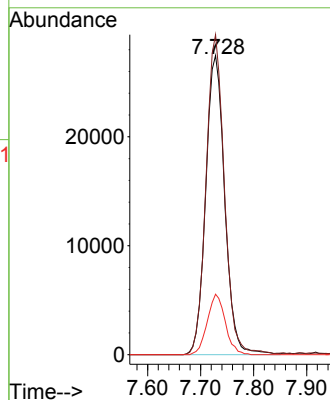
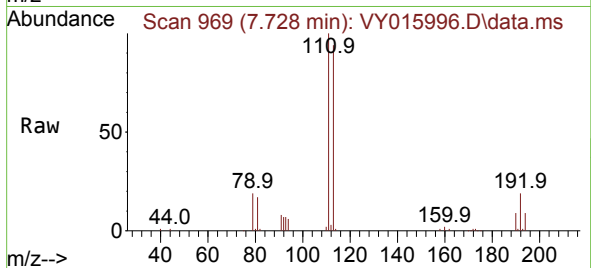




#35
Dibromofluoromethane
Concen: 50.823 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

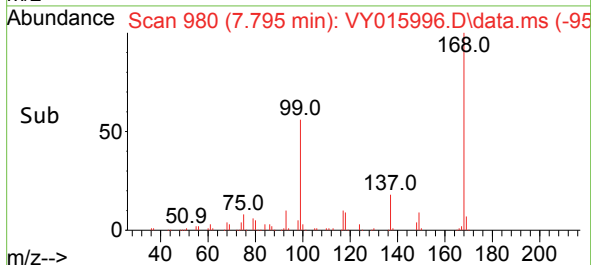
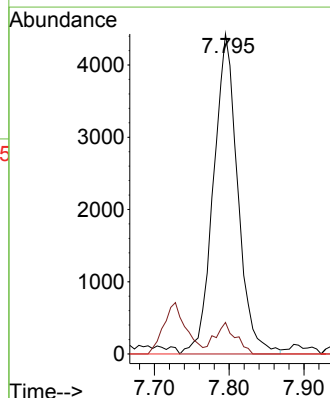
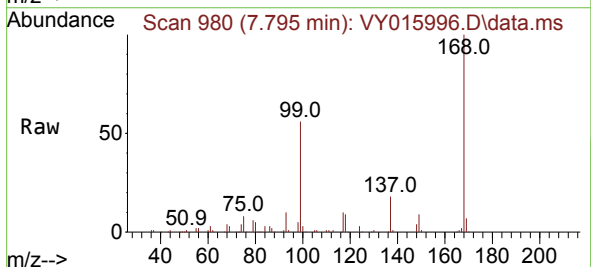
Instrument :
MSVOA_Y
ClientSampleId :

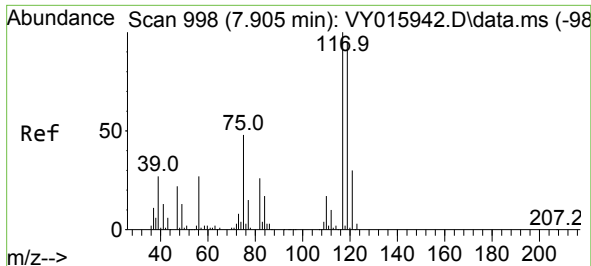
Tgt Ion:113 Resp: 68376
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

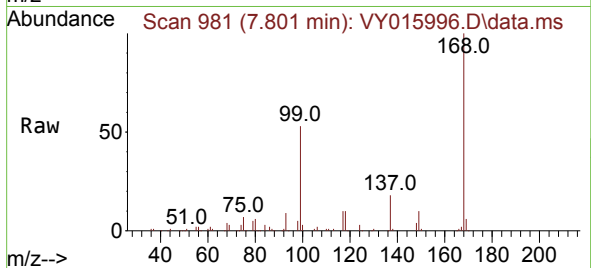
Tgt Ion: 75 Resp: 10012
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.5#
77 0.0 24.4 36.6#



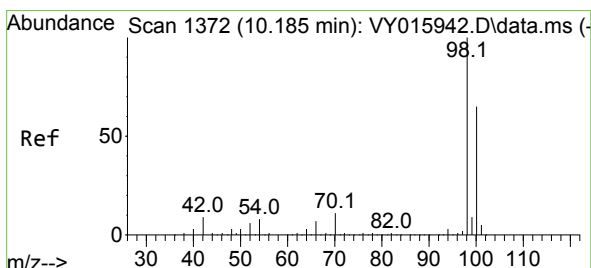
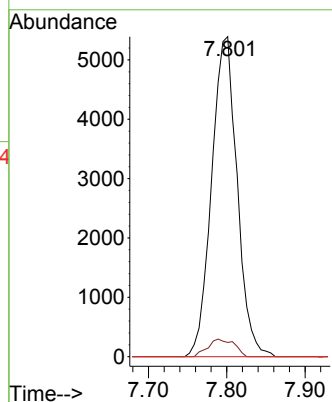
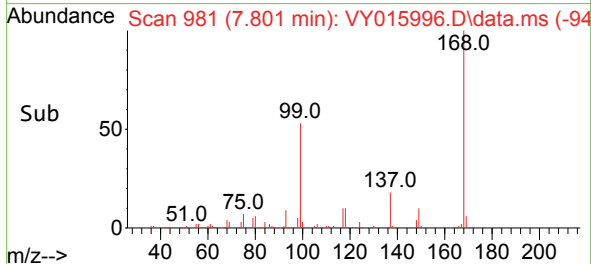


#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

Instrument :
MSVOA_Y
ClientSampleId :

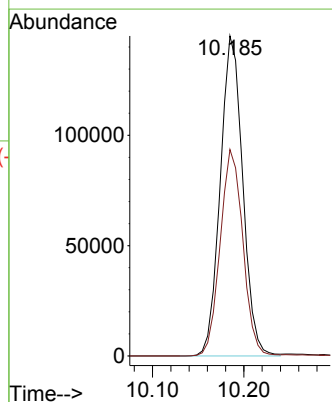
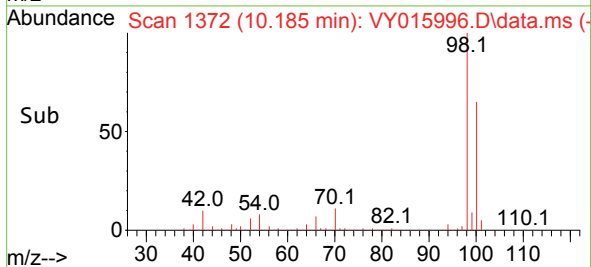
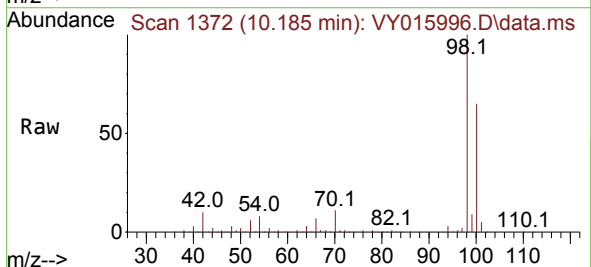


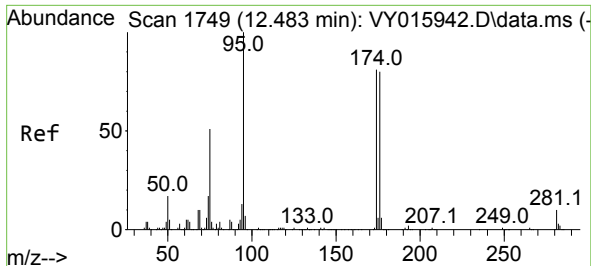
Tgt Ion:117 Resp: 12209
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.205 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

Tgt Ion: 98 Resp: 247914
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

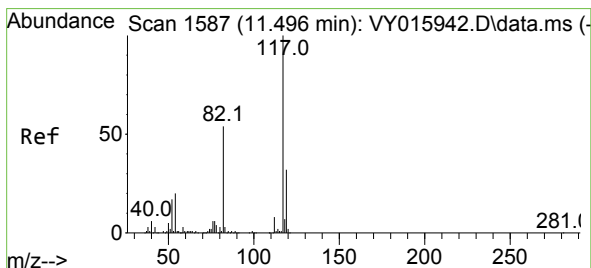
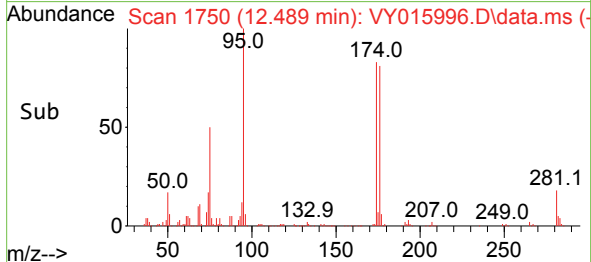
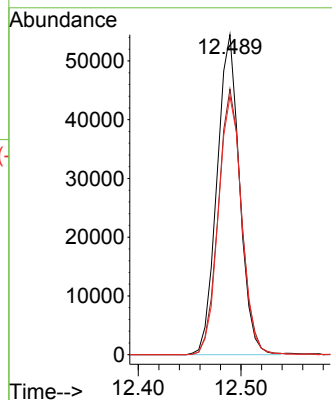
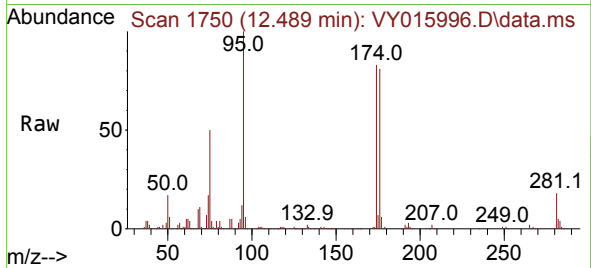




#62
4-Bromofluorobenzene
Concen: 46.308 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

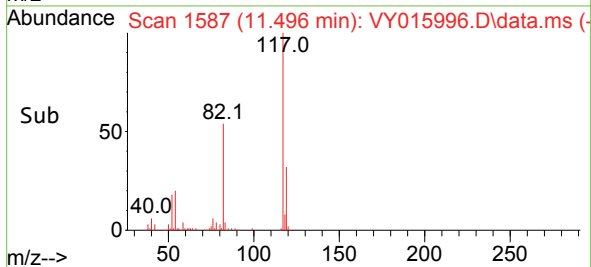
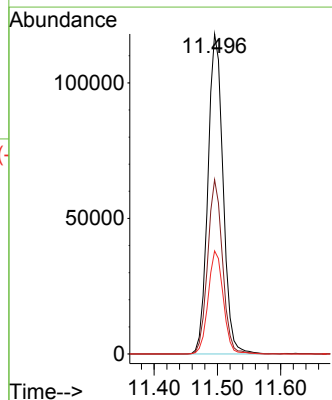
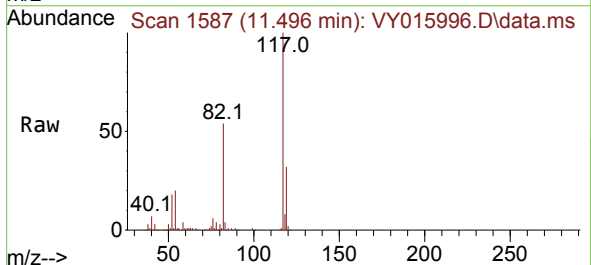
Instrument :
MSVOA_Y
ClientSampleId :

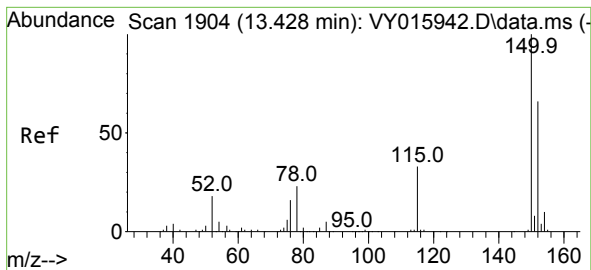
Tgt Ion: 95 Resp: 83080
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

Tgt Ion: 117 Resp: 196675
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015996.D

Acq: 17 Oct 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

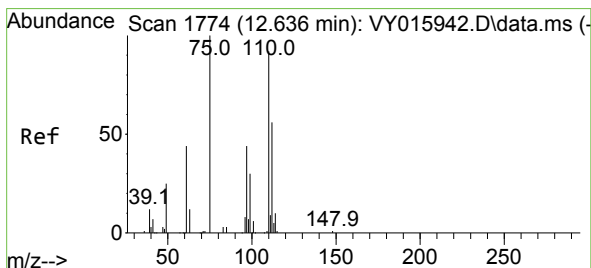
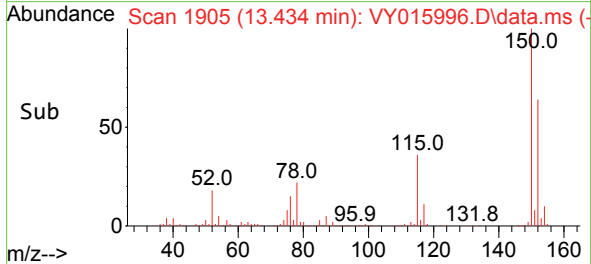
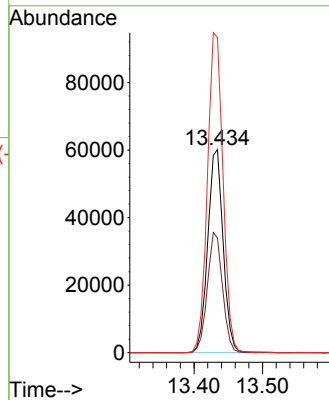
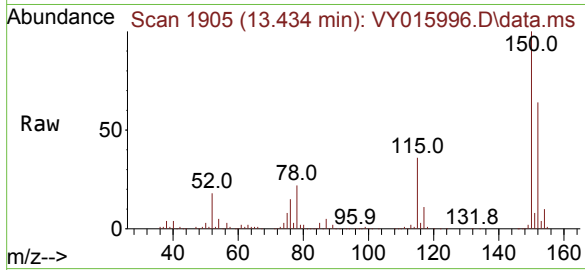
Tgt Ion:152 Resp: 94076

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 159.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 23.721 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY015996.D

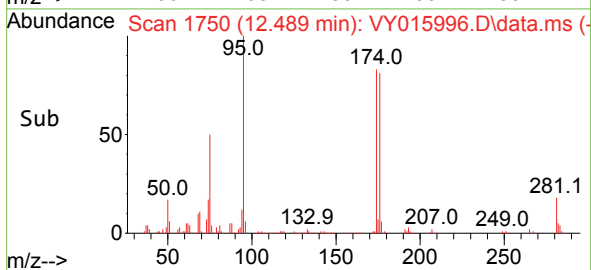
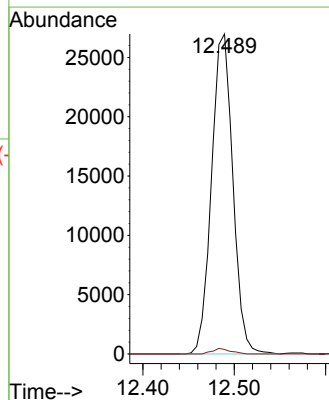
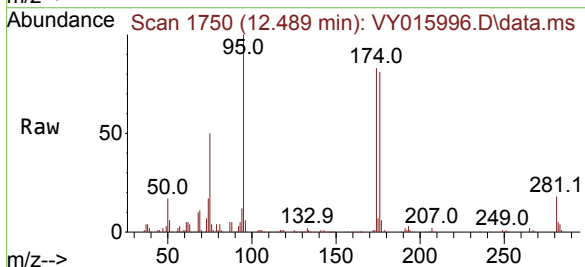
Acq: 17 Oct 2023 11:03

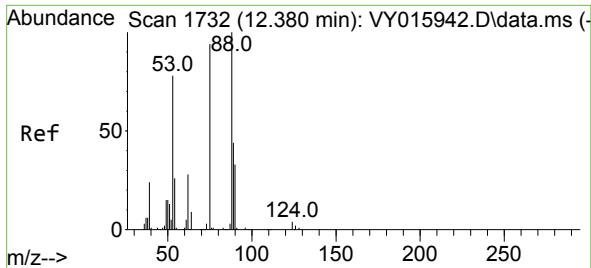
Tgt Ion: 75 Resp: 43673

Ion Ratio Lower Upper

75 100

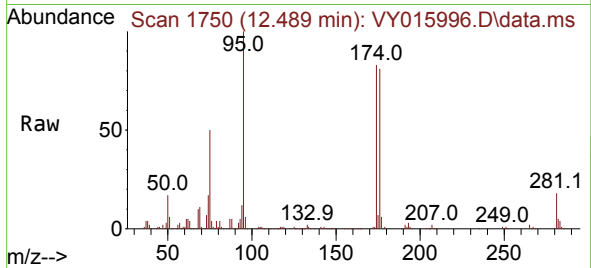
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.880 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015996.D
 Acq: 17 Oct 2023 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 43673
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

