

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016159.D
 Acq On : 01 Nov 2023 10:18
 Operator : SY/MD
 Sample : VY1101SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 02:21:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

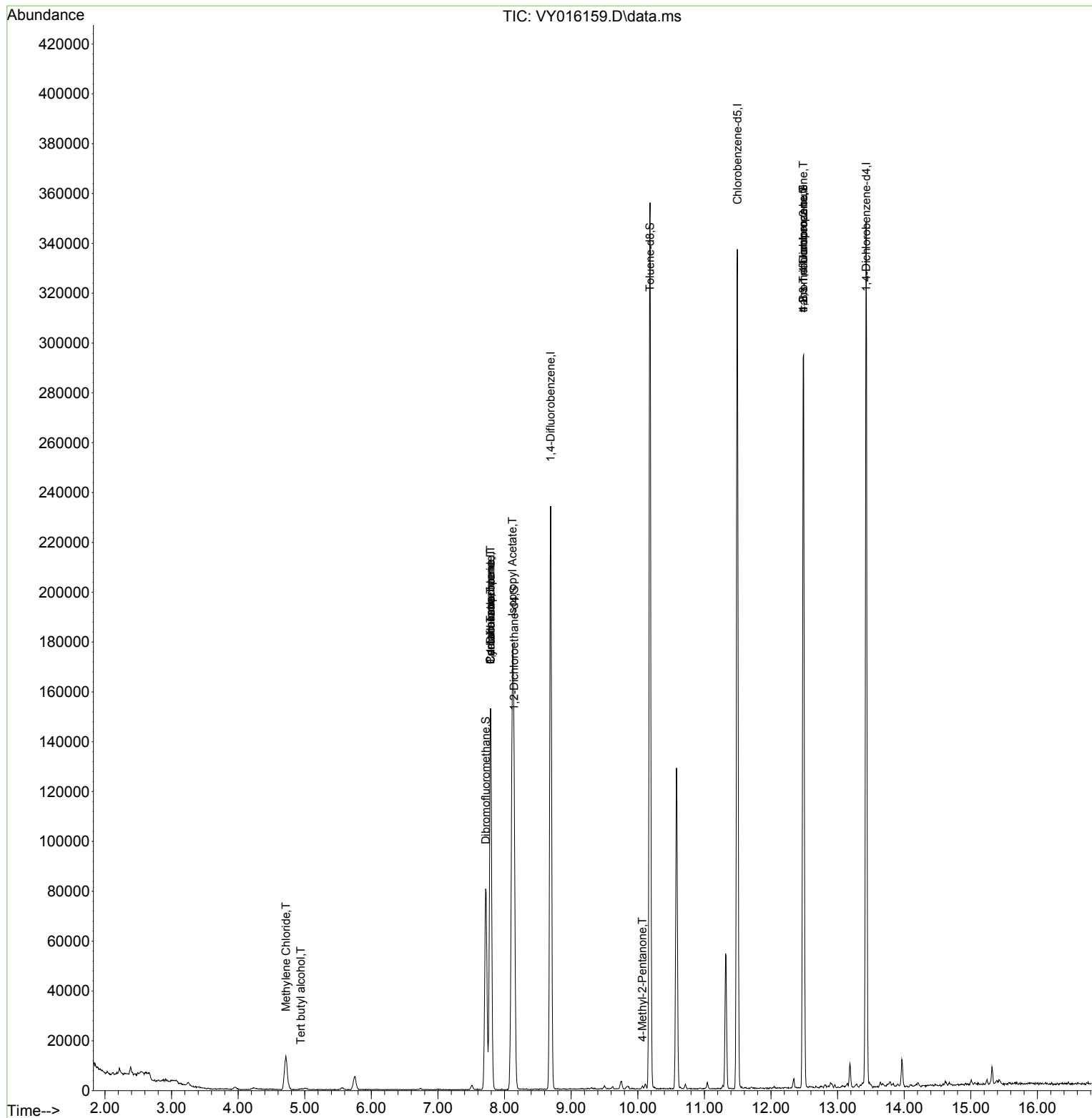
Internal Standards						
1) Pentafluorobenzene	7.789	168	121566	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	205879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	188777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67524	59.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.720%
35) Dibromofluoromethane	7.716	113	57570	46.904	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.800%
50) Toluene-d8	10.185	98	241460	49.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.483	95	81515	48.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	826	9.719	ug/l #	89
13) Acrolein	3.729	56	135	Below Cal	#	59
16) Acetone	3.960	43	1937	Below Cal		95
20) Methylene Chloride	4.716	84	10023	5.982	ug/l	86
31) Cyclohexane	7.789	56	2343	1.340	ug/l #	14
36) 1,1-Dichloropropene	7.789	75	9374	5.289	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11801	6.721	ug/l #	15
43) Isopropyl Acetate	8.118	43	3267	2.092	ug/l #	1
49) 1,4-Dioxane	9.301	88	432	Below Cal	#	95
51) 4-Methyl-2-Pentanone	10.069	43	1134	1.455	ug/l #	80
76) 1,2,3-Trichloropropane	12.483	75	43234	51.499	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43234	111.661	ug/l #	11

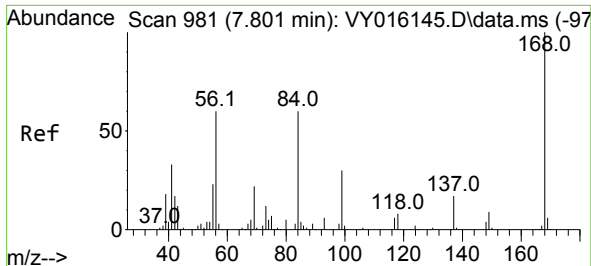
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
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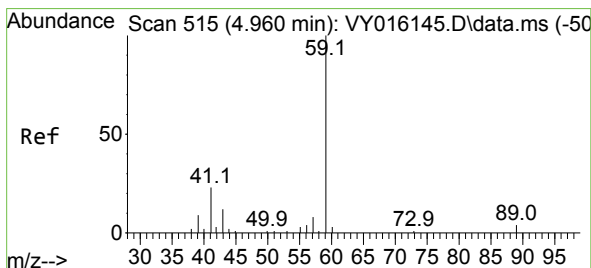
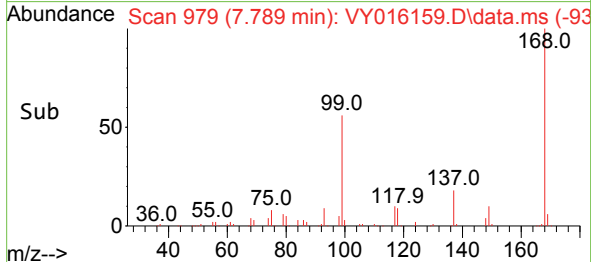
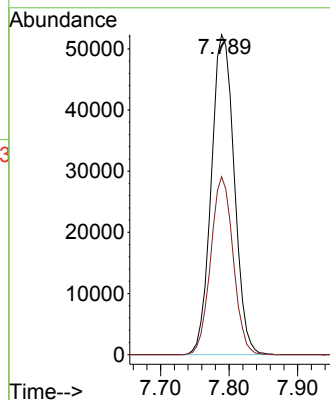
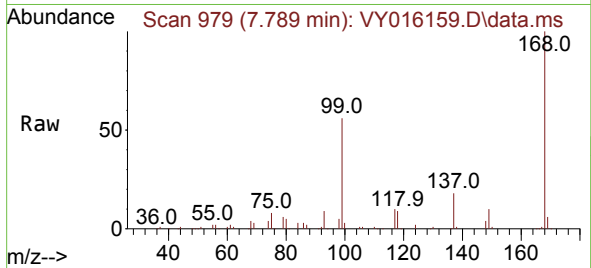




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016159.D
Acq: 01 Nov 2023 10:18

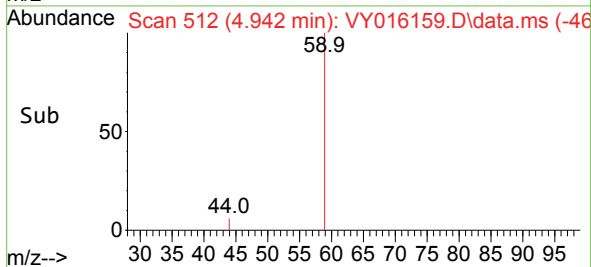
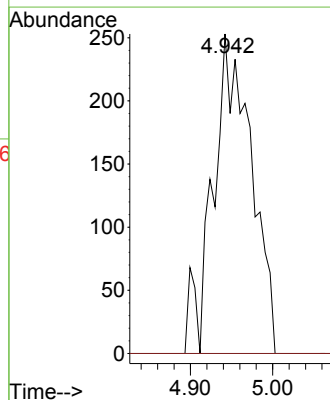
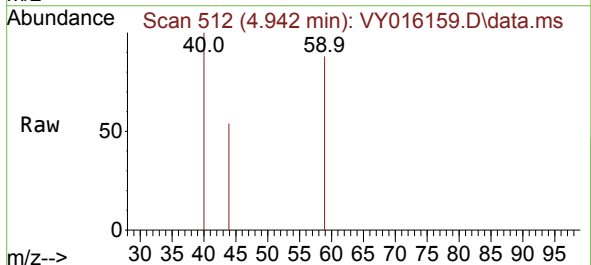
Instrument :
MSVOA_Y
ClientSampleId :

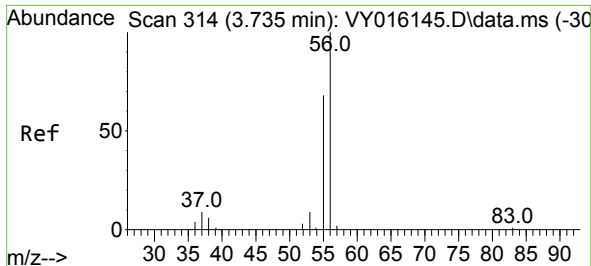
Tgt Ion:168 Resp: 121566
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 9.719 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY016159.D
Acq: 01 Nov 2023 10:18

Tgt Ion: 59 Resp: 826
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#13

Acrolein

Concen: Below Cal

RT: 3.729 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016159.D

Acq: 01 Nov 2023 10:18

Instrument :

MSVOA_Y

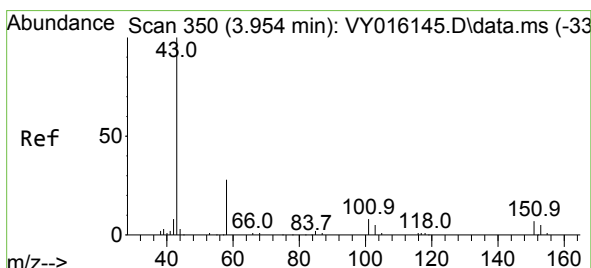
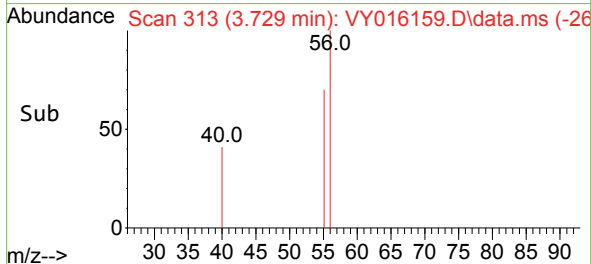
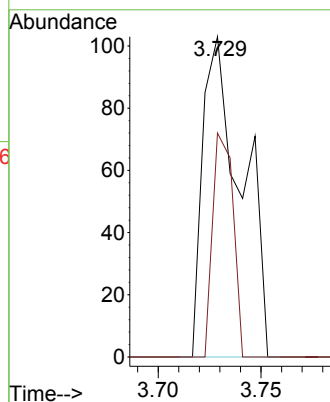
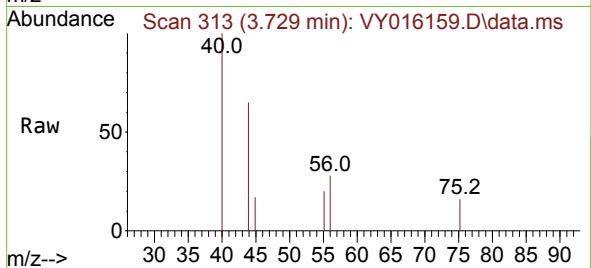
ClientSampleId :

Tgt Ion: 56 Resp: 135

Ion Ratio Lower Upper

56 100

55 37.0 57.0 85.4#



#16

Acetone

Concen: Below Cal

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY016159.D

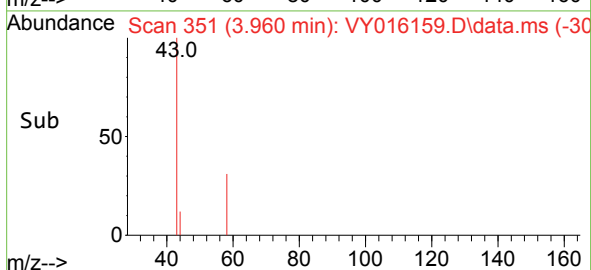
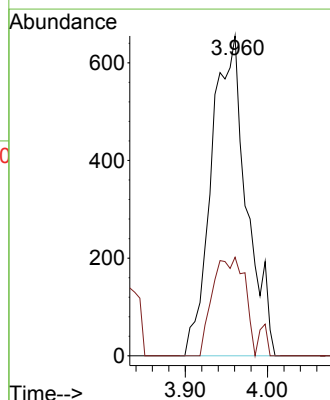
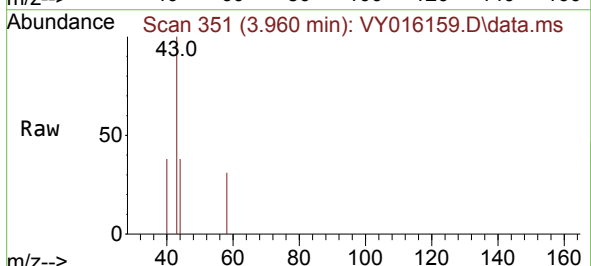
Acq: 01 Nov 2023 10:18

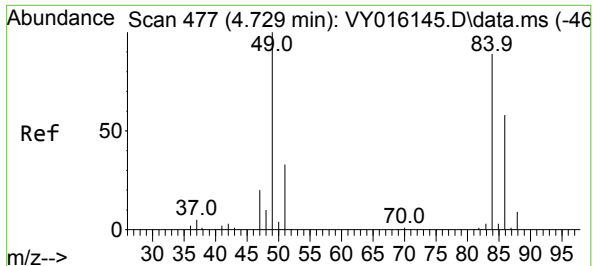
Tgt Ion: 43 Resp: 1937

Ion Ratio Lower Upper

43 100

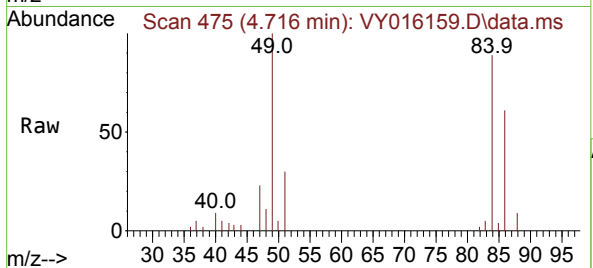
58 30.8 22.7 34.1



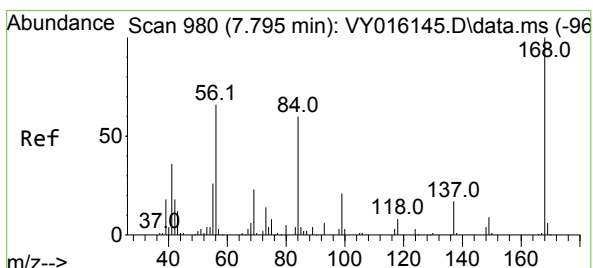
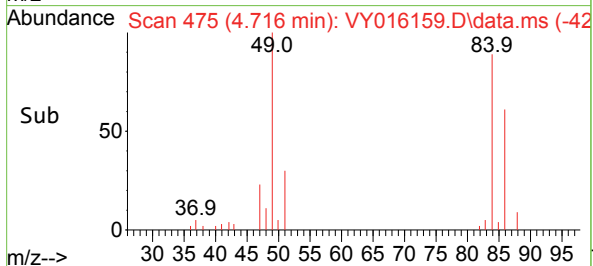
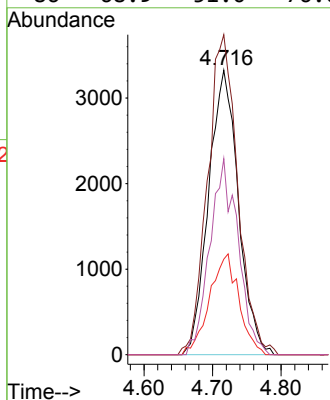


#20
Methylene Chloride
Concen: 5.982 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY016159.D
Acq: 01 Nov 2023 10:18

Instrument :
MSVOA_Y
ClientSampleId :

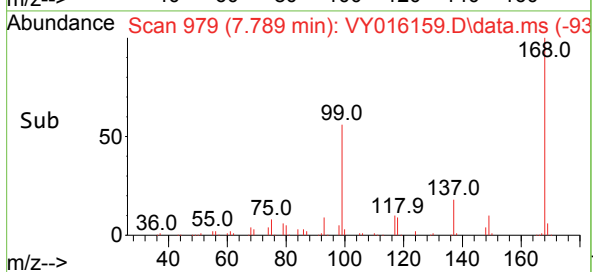
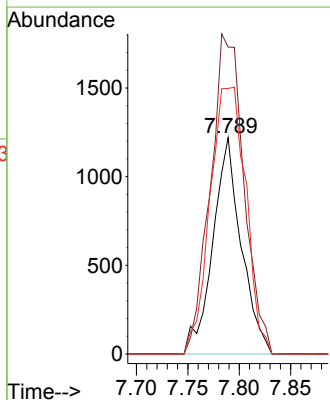
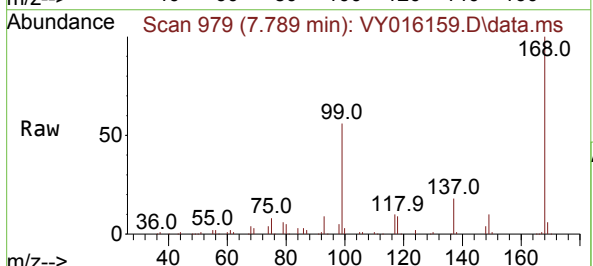


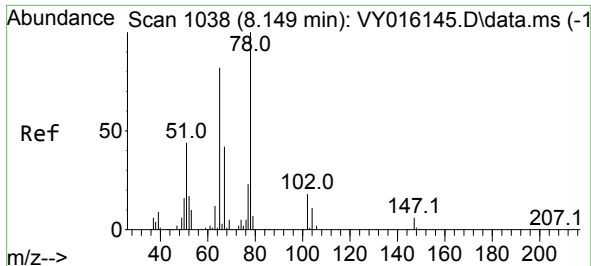
Tgt Ion:	84	Resp:	10023
Ion	Ratio	Lower	Upper
84	100		
49	112.5	106.9	160.3
51	33.6	33.2	49.8
86	68.9	51.0	76.6



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY016159.D
Acq: 01 Nov 2023 10:18

Tgt Ion:	56	Resp:	2343
Ion	Ratio	Lower	Upper
56	100		
69	141.9	27.8	41.6#
84	122.7	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.360 ug/l

RT: 8.143 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016159.D

Acq: 01 Nov 2023 10:18

Instrument :

MSVOA_Y

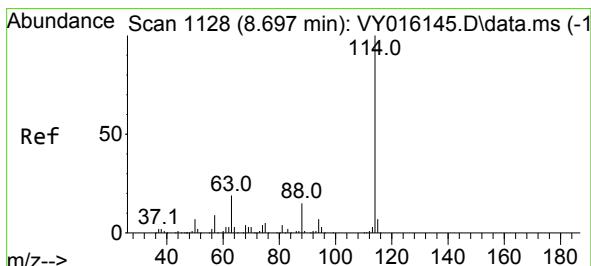
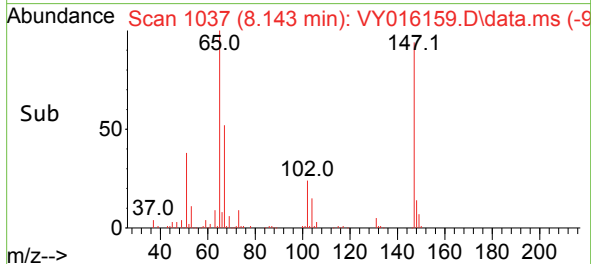
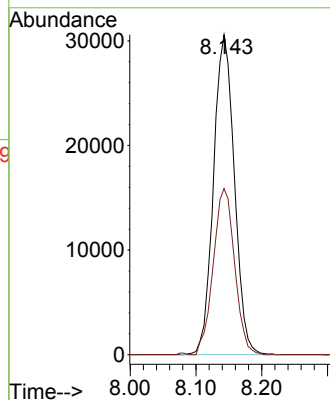
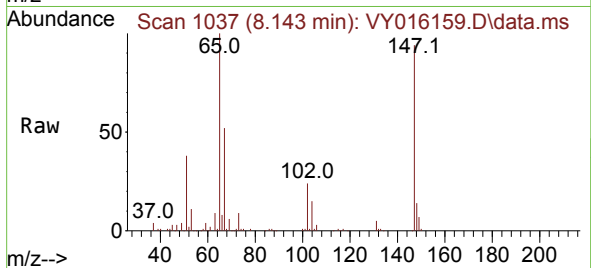
ClientSampleId :

Tgt Ion: 65 Resp: 67524

Ion Ratio Lower Upper

65 100

67 53.2 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: VY016159.D

Acq: 01 Nov 2023 10:18

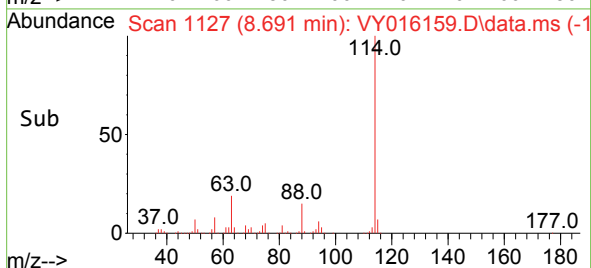
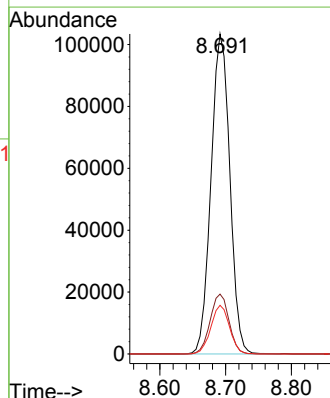
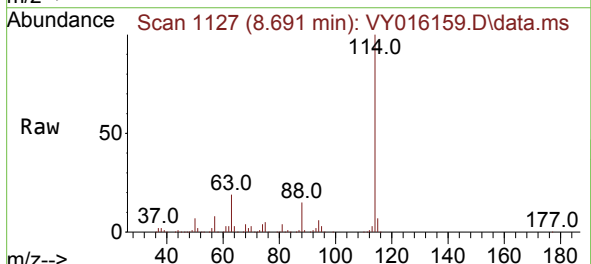
Tgt Ion: 114 Resp: 205879

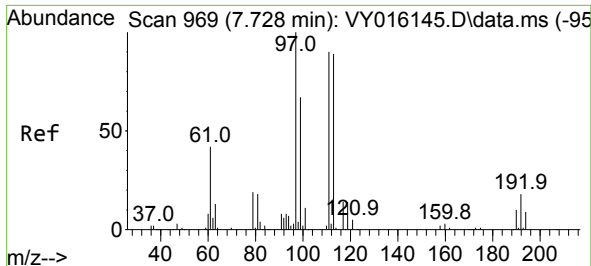
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

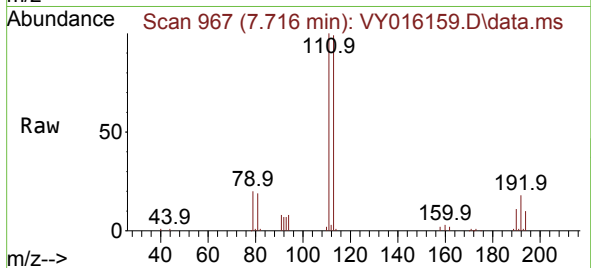
88 15.2 0.0 30.6



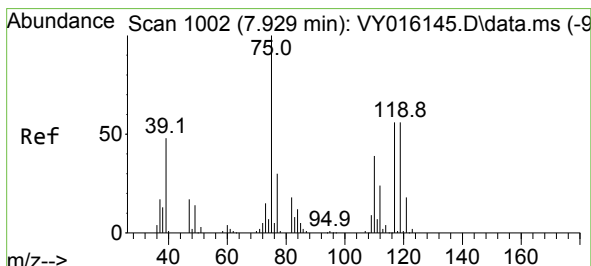
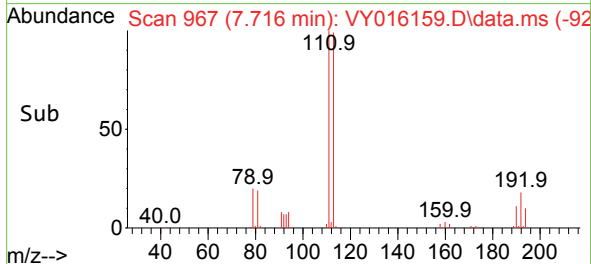
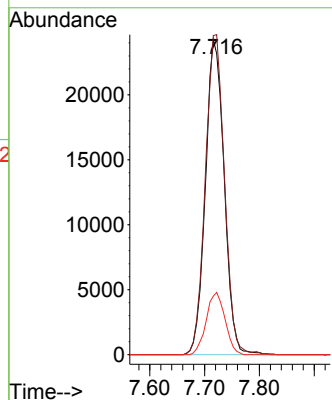


#35
Dibromofluoromethane
Concen: 46.904 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY016159.D
Acq: 01 Nov 2023 10:18

Instrument :
MSVOA_Y
ClientSampleId :

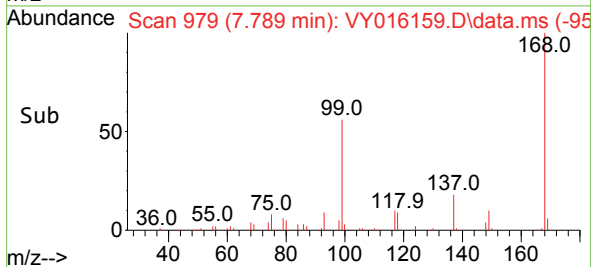
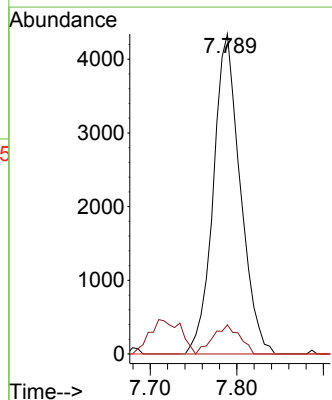
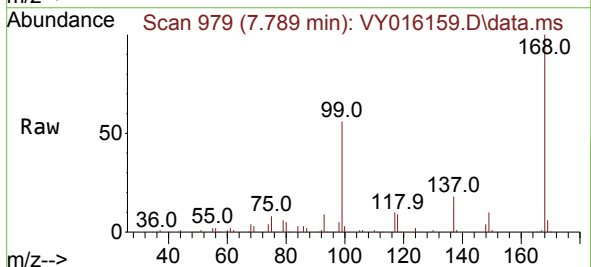


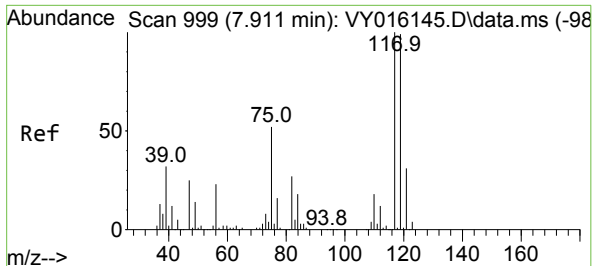
Tgt Ion:113 Resp: 57570
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.289 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY016159.D
Acq: 01 Nov 2023 10:18

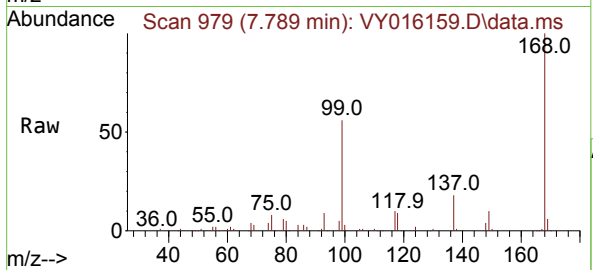
Tgt Ion: 75 Resp: 9374
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



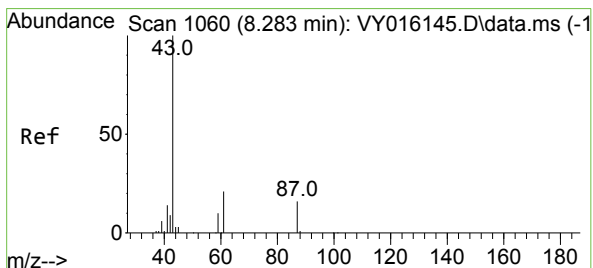
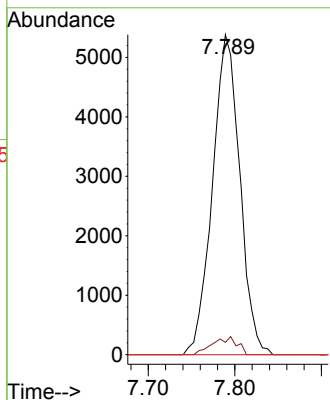
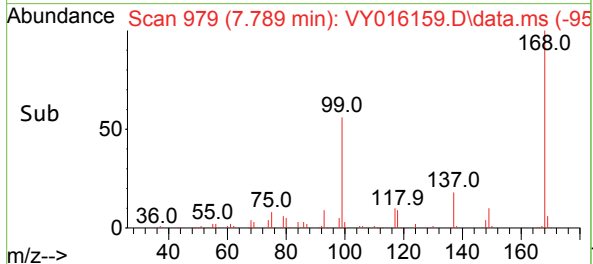


#38
Carbon Tetrachloride
Concen: 6.721 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016159.D
Acq: 01 Nov 2023 10:18

Instrument :
MSVOA_Y
ClientSampleId :

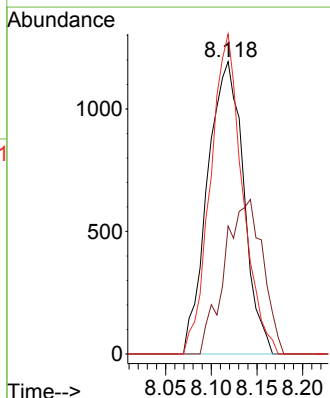
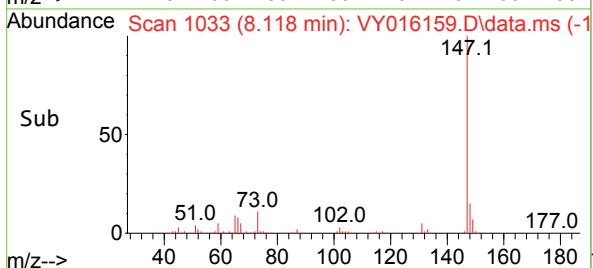
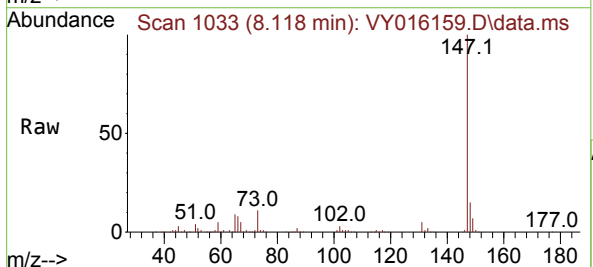


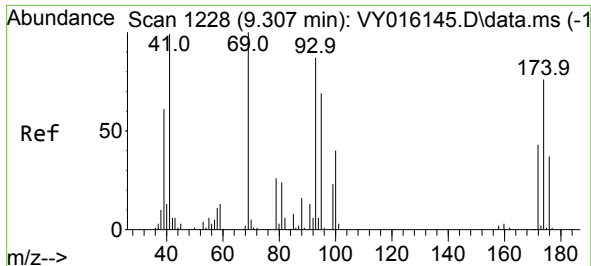
Tgt Ion:117 Resp: 11801
Ion Ratio Lower Upper
117 100
119 3.9 76.4 114.6#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 2.092 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.164 min
Lab File: VY016159.D
Acq: 01 Nov 2023 10:18

Tgt Ion: 43 Resp: 3267
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 97.5 9.8 14.8#





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

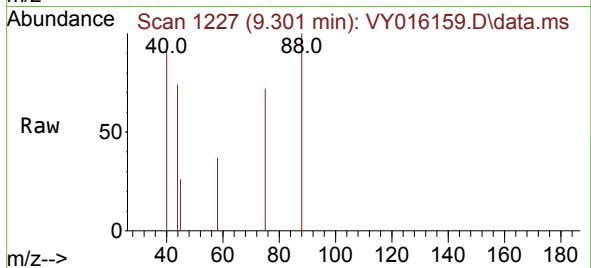
Lab File: VY016159.D

Acq: 01 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :



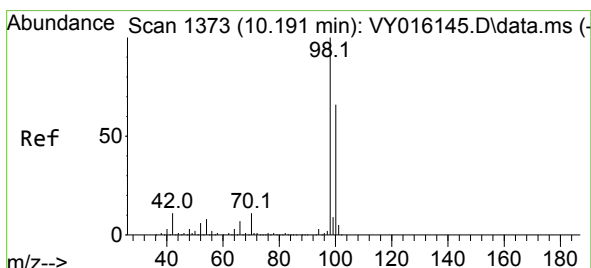
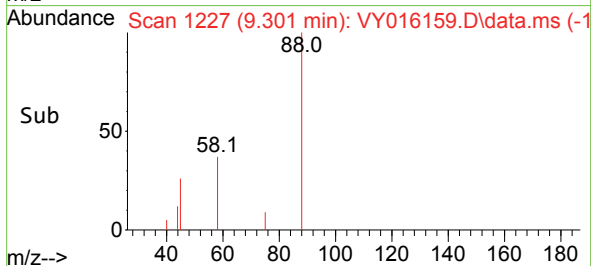
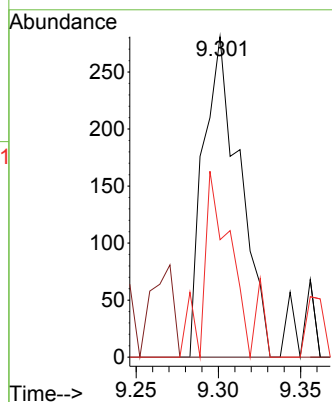
Tgt Ion: 88 Resp: 432

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 41.9 30.9 46.3



#50

Toluene-d8

Concen: 49.618 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016159.D

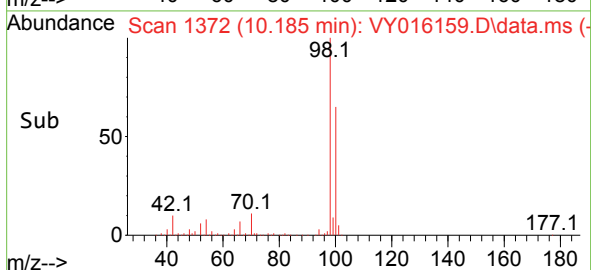
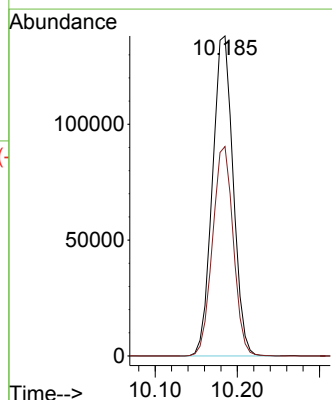
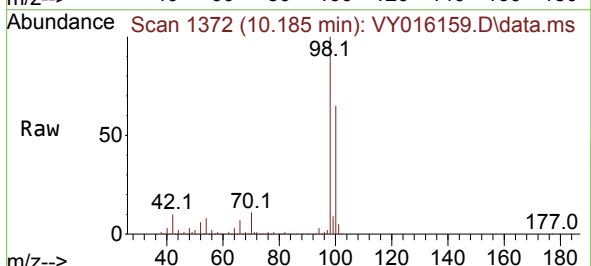
Acq: 01 Nov 2023 10:18

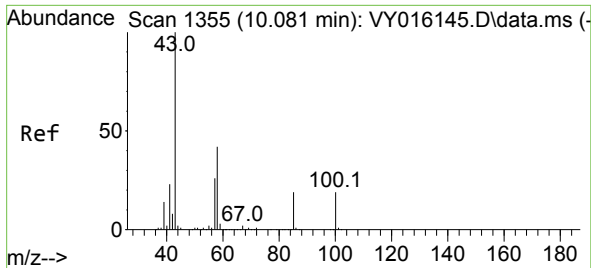
Tgt Ion: 98 Resp: 241460

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

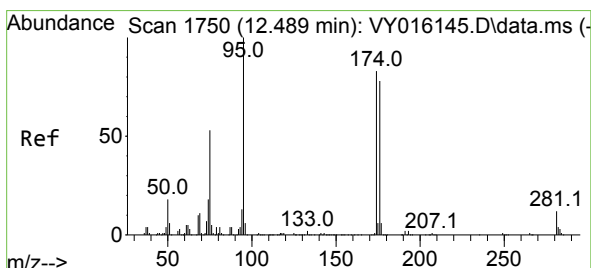
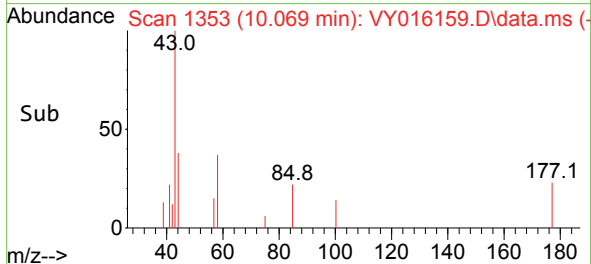
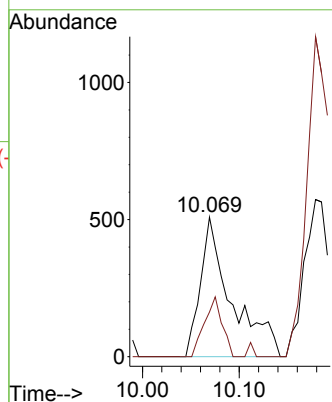
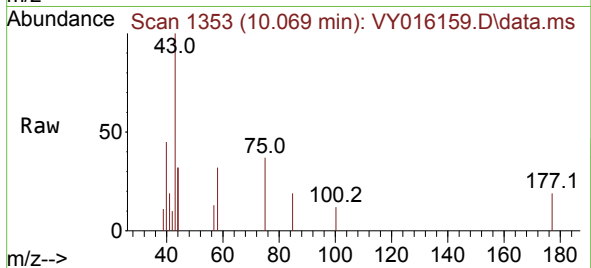




#51
4-Methyl-2-Pentanone
Concen: 1.455 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016159.D
Acq: 01 Nov 2023 10:18

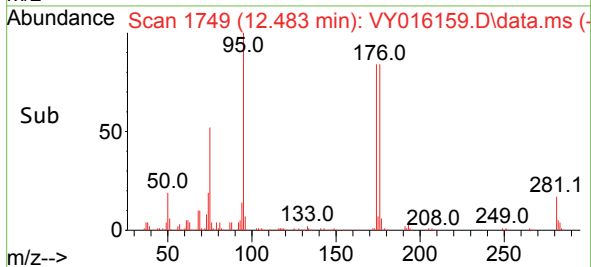
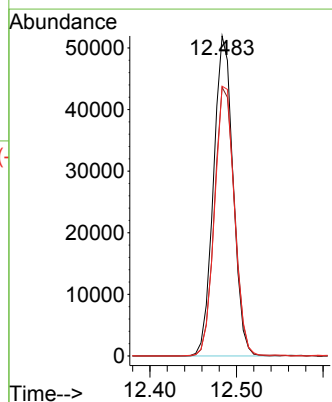
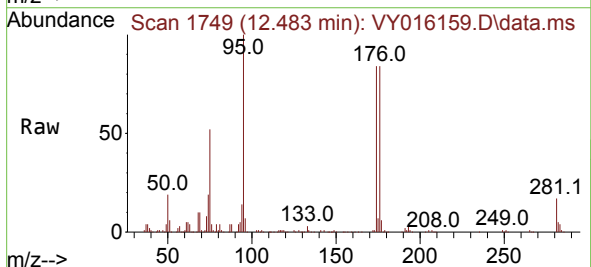
Instrument :
MSVOA_Y
ClientSampleId :

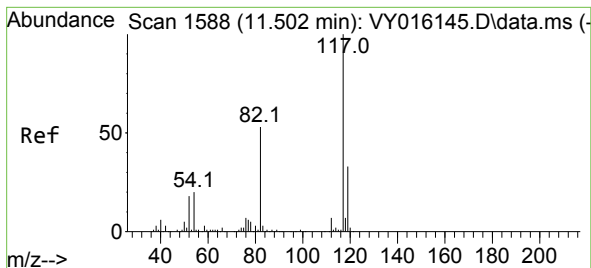
Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 24.6 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 48.986 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016159.D
Acq: 01 Nov 2023 10:18

Tgt Ion: 95 Resp: 81515
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 85.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016159.D

Acq: 01 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

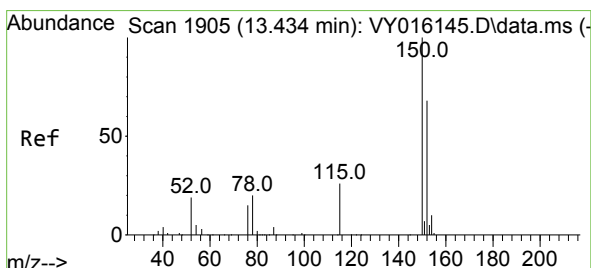
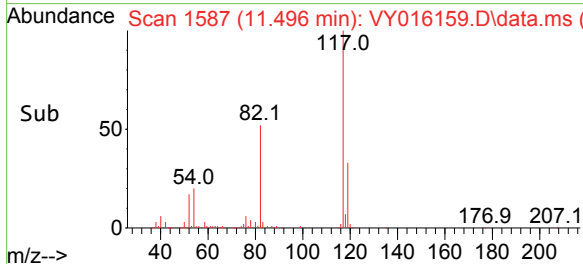
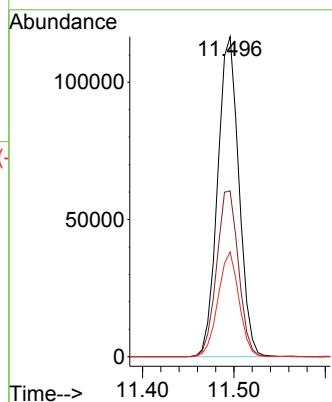
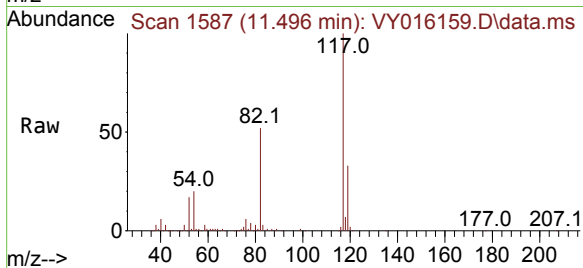
Tgt Ion:117 Resp: 188777

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 32.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016159.D

Acq: 01 Nov 2023 10:18

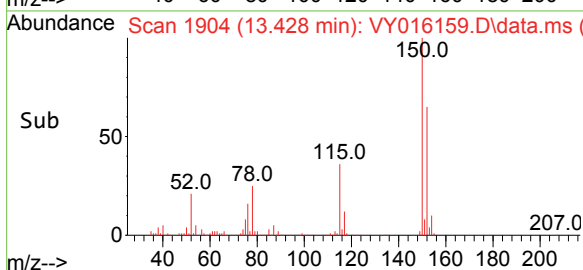
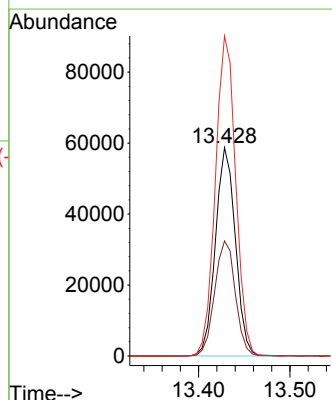
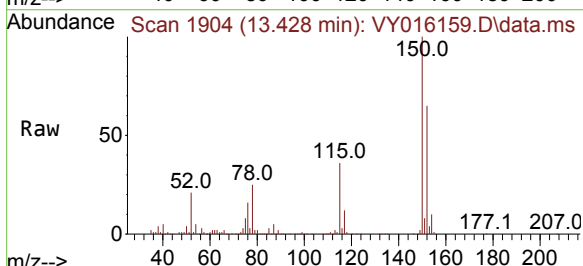
Tgt Ion:152 Resp: 89148

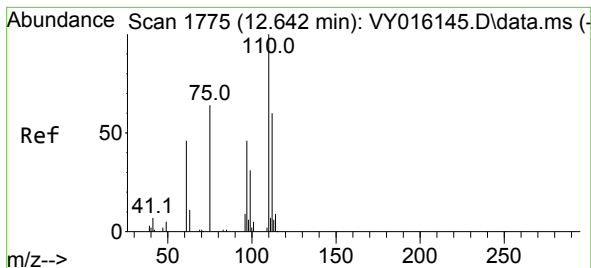
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 156.4 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 51.499 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY016159.D

Acq: 01 Nov 2023 10:18

Instrument :

MSVOA_Y

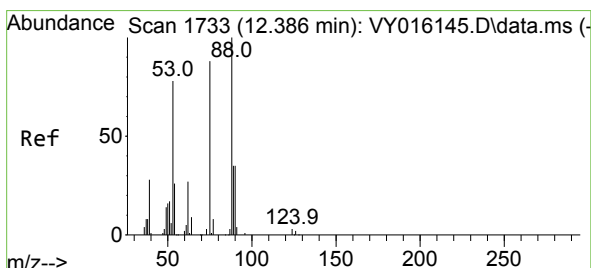
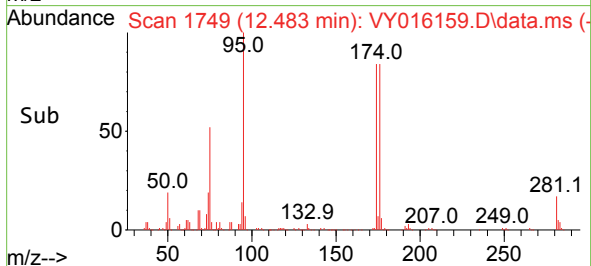
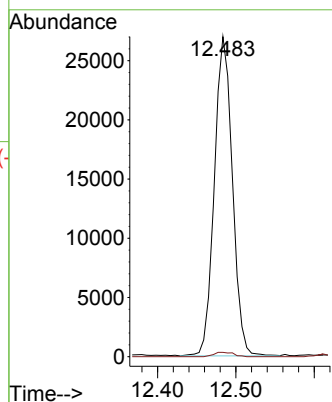
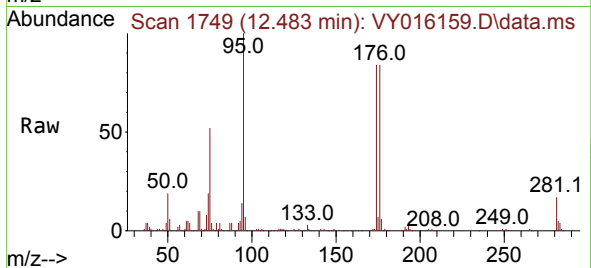
ClientSampleId :

Tgt Ion: 75 Resp: 43234

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.661 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY016159.D

Acq: 01 Nov 2023 10:18

Tgt Ion: 75 Resp: 43234

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.5 37.4 56.0#

