

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016247.D
 Acq On : 07 Nov 2023 11:34
 Operator : SY/MD
 Sample : 05252-03RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 23:44:08 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)

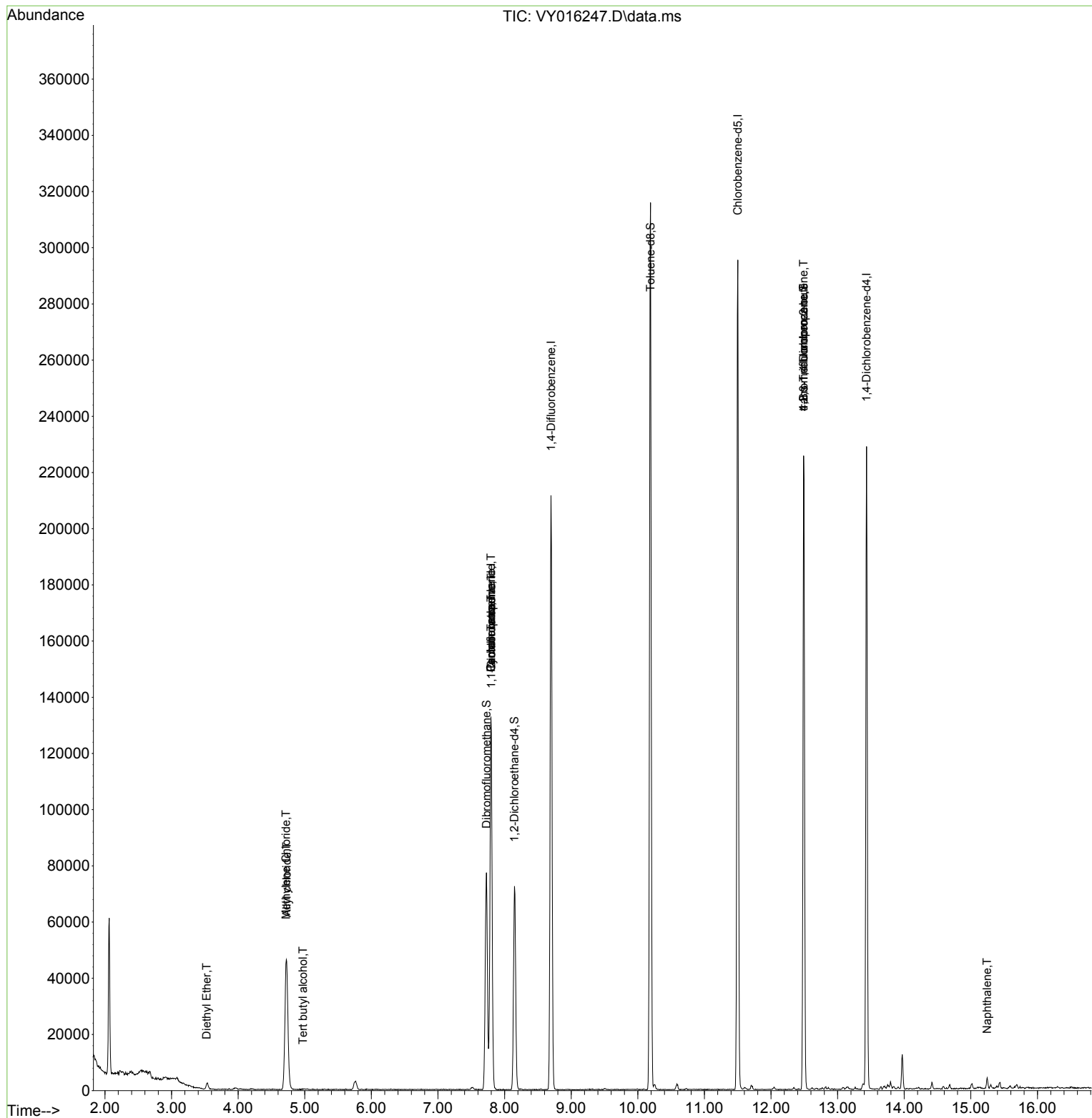
Internal Standards						
1) Pentafluorobenzene	7.795	168	104317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	164024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	59390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	57215	58.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.220%
35) Dibromofluoromethane	7.728	113	54282	49.727	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.191	98	211918	48.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.489	95	64491	43.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.160%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.527	74	1167	2.453	ug/l	84
11) Tert butyl alcohol	4.972	59	229	3.140	ug/l #	89
14) Allyl chloride	4.728	41	1417	1.200	ug/l #	22
16) Acetone	3.954	43	1055	Below Cal	#	86
20) Methylene Chloride	4.716	84	37538	37.018	ug/l #	83
31) Cyclohexane	7.795	56	2023	1.348	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7863	4.988	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10146	6.497	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	33721	60.293	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	33721	130.730	ug/l #	11
95) Naphthalene	15.245	128	3038	1.470	ug/l #	93

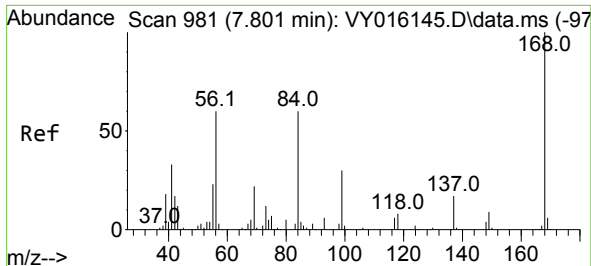
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
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Quant Time: Nov 07 23:44:08 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

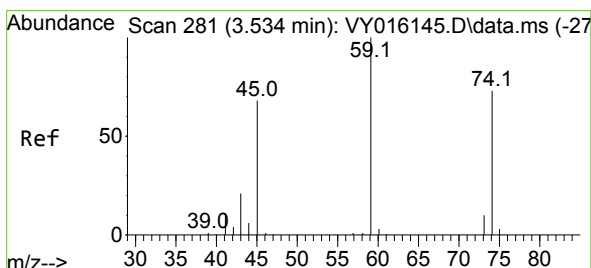
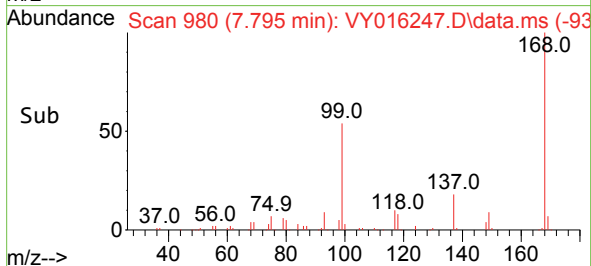
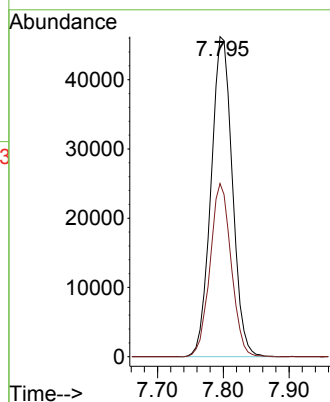
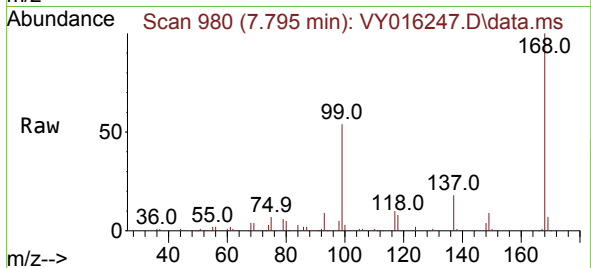




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

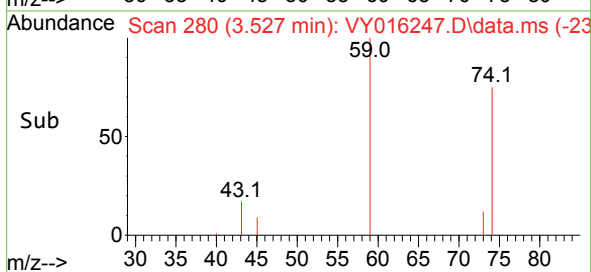
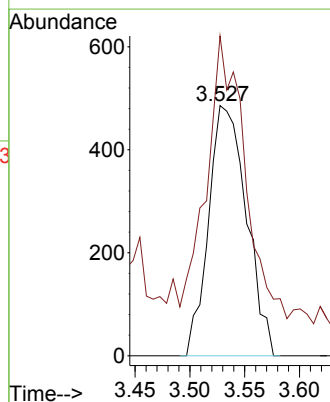
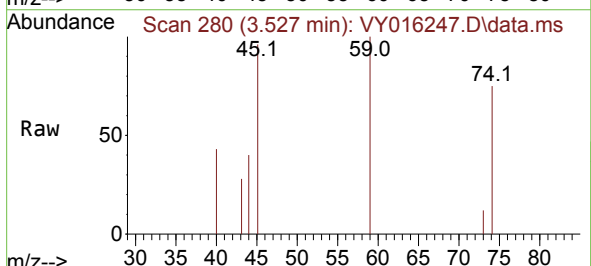
Instrument :
MSVOA_Y
ClientSampleId :

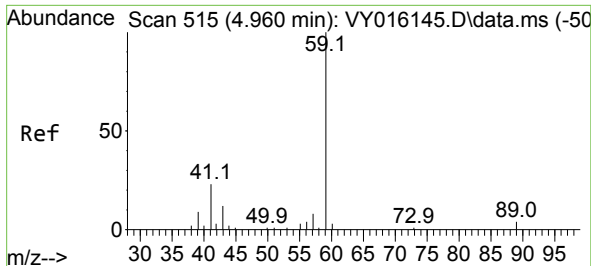
Tgt Ion:168 Resp: 104317
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#8
Diethyl Ether
Concen: 2.453 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

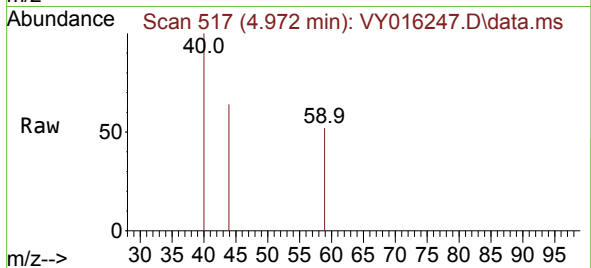
Tgt Ion: 74 Resp: 1167
Ion Ratio Lower Upper
74 100
45 119.6 51.5 154.5



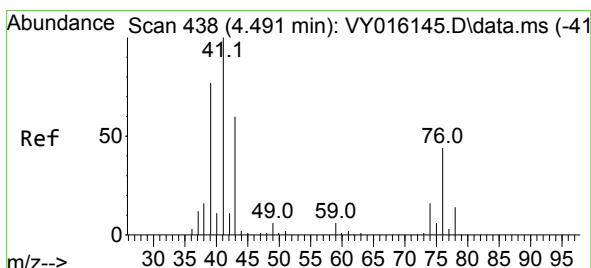
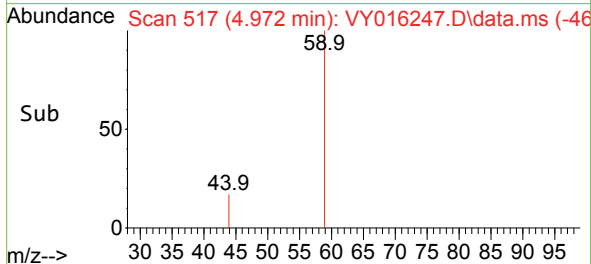
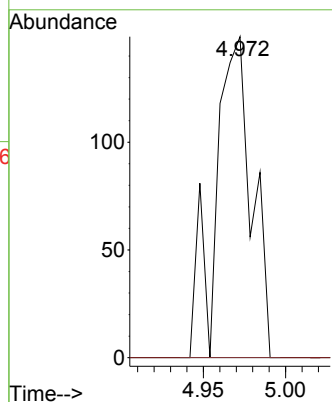


#11
Tert butyl alcohol
Concen: 3.140 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

Instrument :
MSVOA_Y
ClientSampleId :

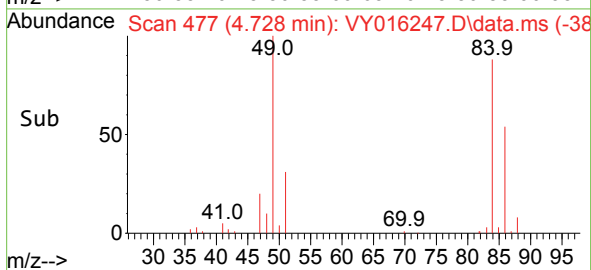
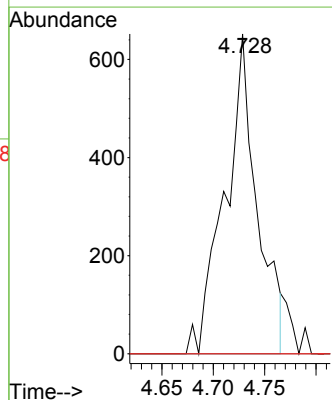
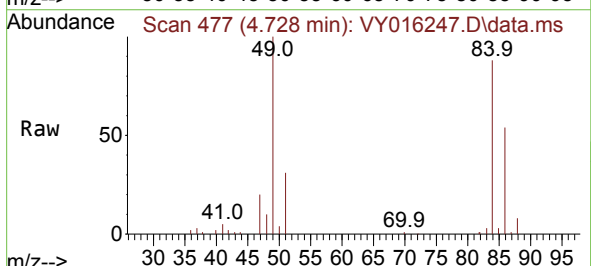


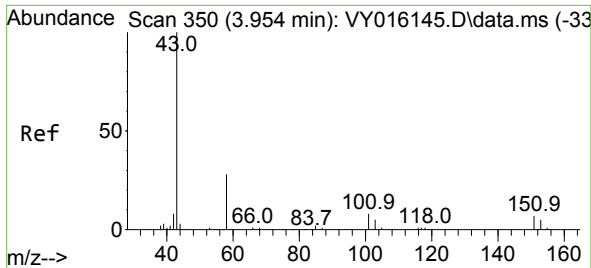
Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#14
Allyl chloride
Concen: 1.200 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.237 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

Tgt Ion: 41 Resp: 1417
Ion Ratio Lower Upper
41 100
39 0.0 58.0 87.0#
76 0.0 27.4 41.2#

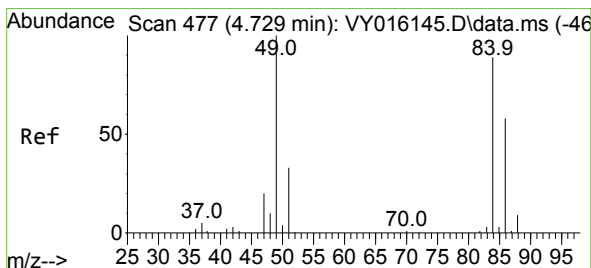
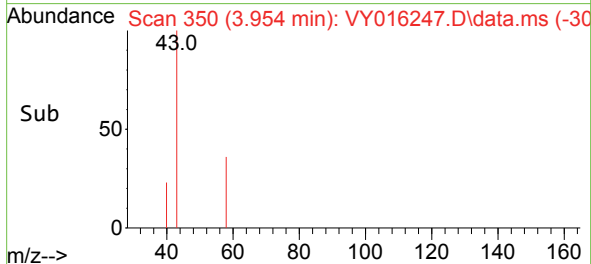
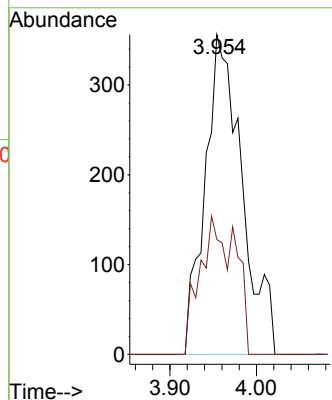
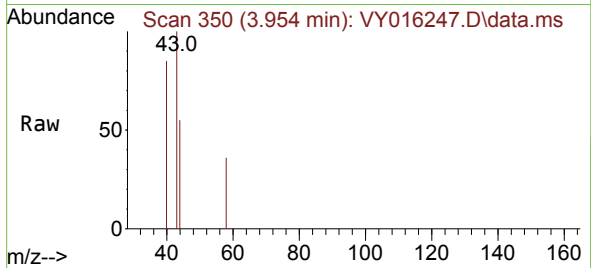




#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

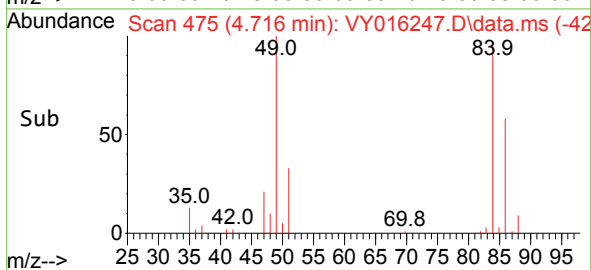
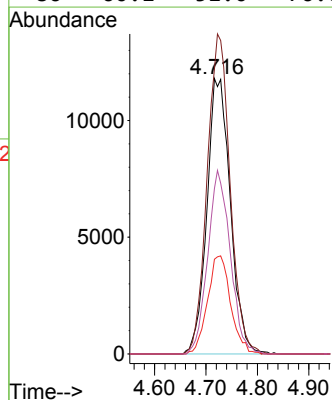
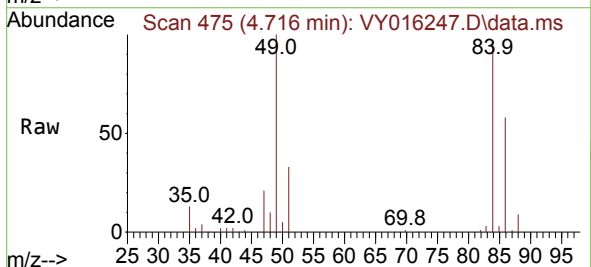
Instrument :
MSVOA_Y
ClientSampleId :

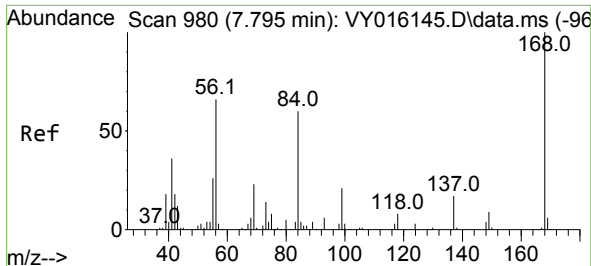
Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
58 36.0 22.7 34.1#



#20
Methylene Chloride
Concen: 37.018 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

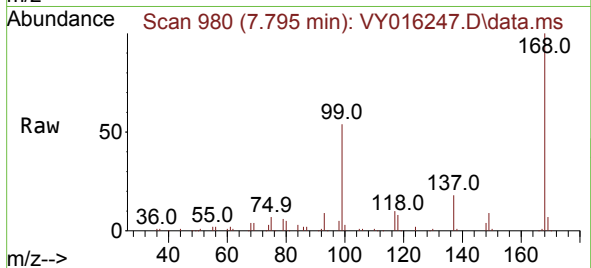
Tgt Ion: 84 Resp: 37538
Ion Ratio Lower Upper
84 100
49 103.4 106.9 160.3#
51 34.4 33.2 49.8
86 60.1 51.0 76.6



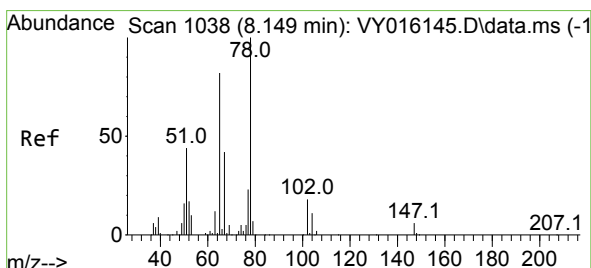
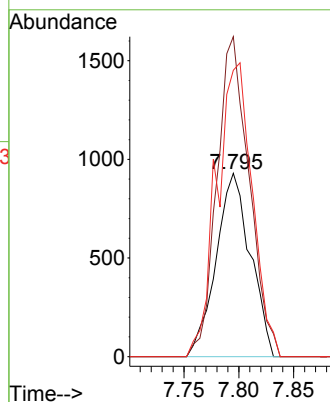
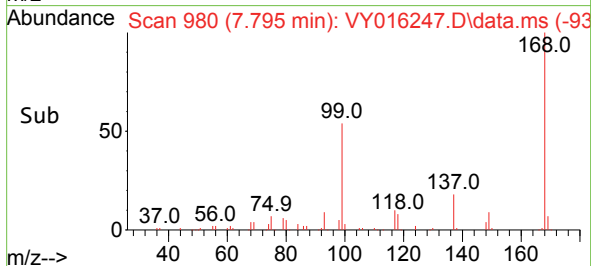


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

Instrument :
MSVOA_Y
ClientSampleId :

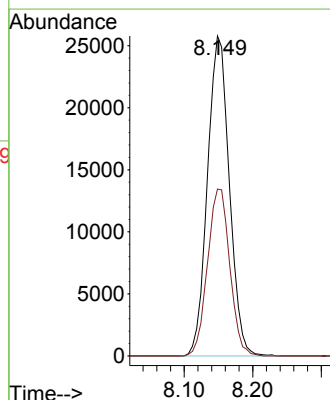
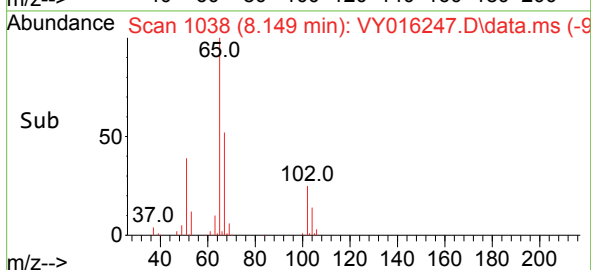
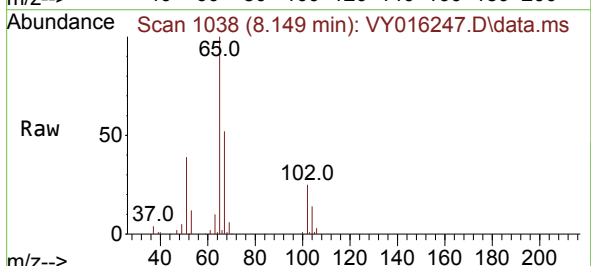


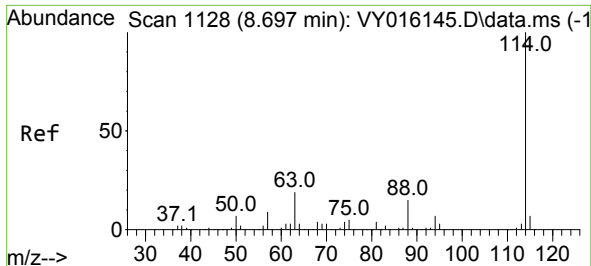
Tgt Ion: 56 Resp: 2023
Ion Ratio Lower Upper
56 100
69 174.6 27.8 41.6#
84 156.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.614 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

Tgt Ion: 65 Resp: 57215
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8

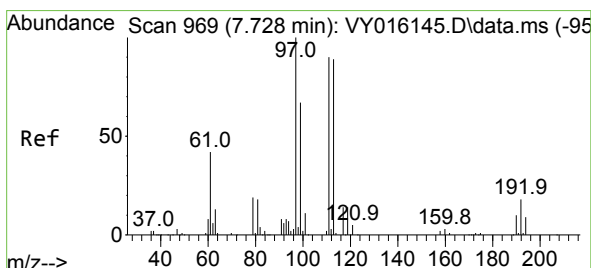
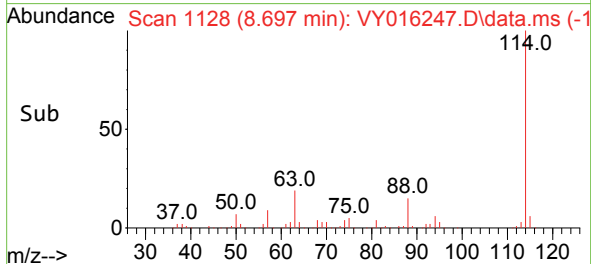
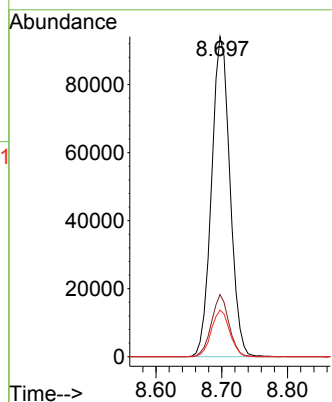
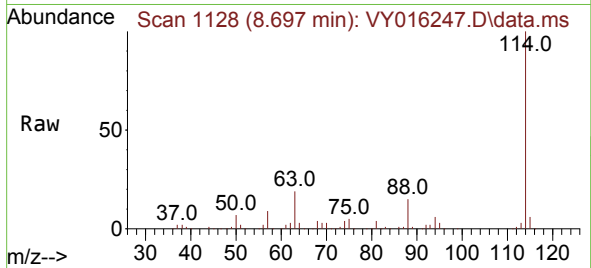




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

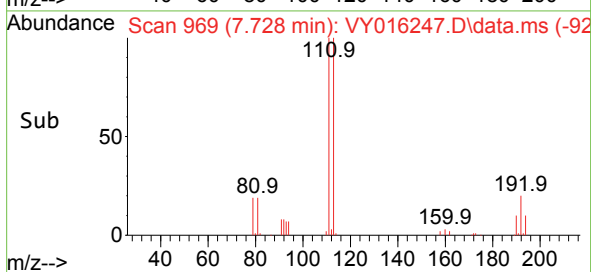
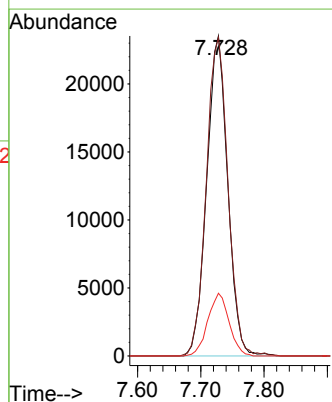
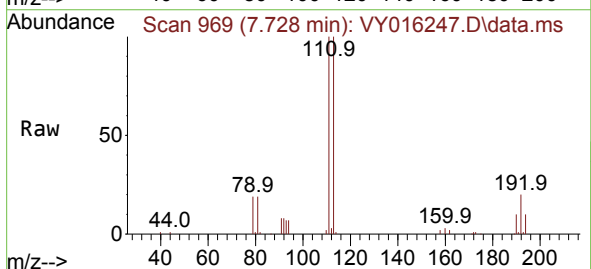
Instrument :
MSVOA_Y
ClientSampleId :

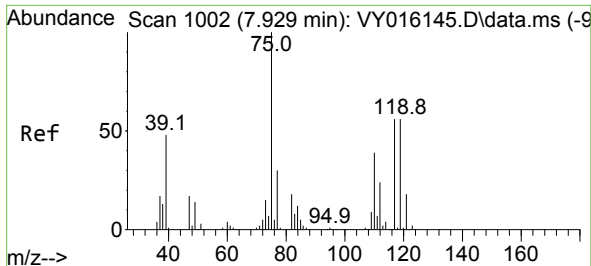
Tgt Ion:114 Resp: 183103
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.727 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

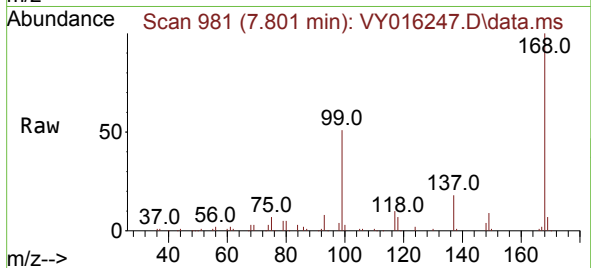
Tgt Ion:113 Resp: 54282
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.9 16.9 25.3



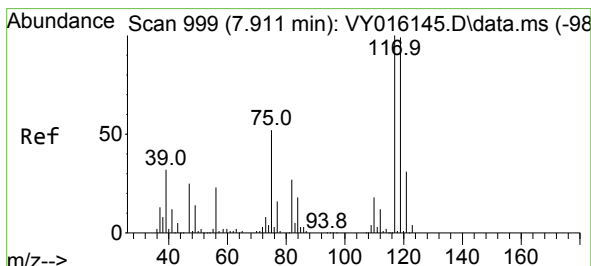
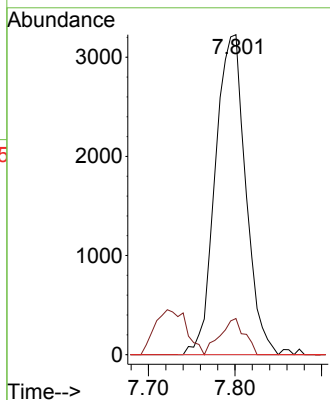
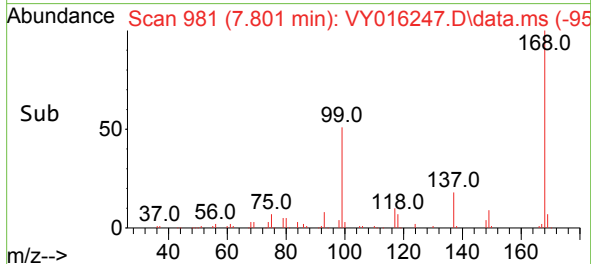


#36
 1,1-Dichloropropene
 Concen: 4.988 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY016247.D
 Acq: 07 Nov 2023 11:34

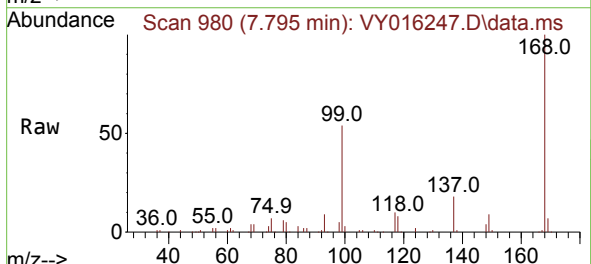
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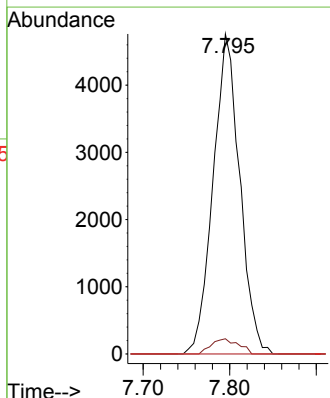
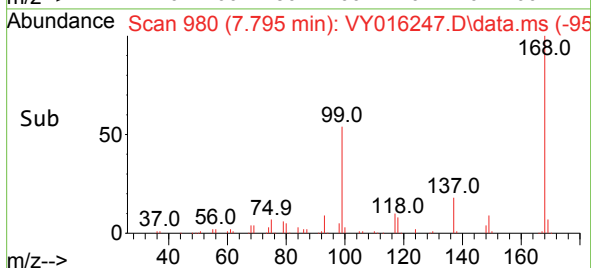
Tgt Ion: 75 Resp: 7863
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.5#
 77 0.0 24.4 36.6#

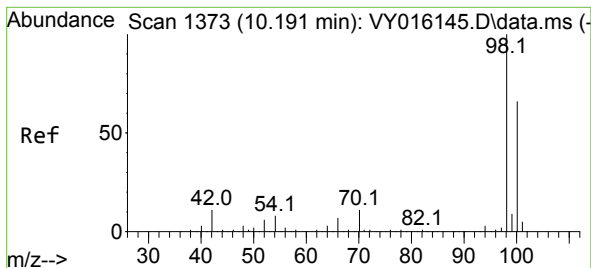


#38
 Carbon Tetrachloride
 Concen: 6.497 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY016247.D
 Acq: 07 Nov 2023 11:34



Tgt Ion: 117 Resp: 10146
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.964 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016247.D

Acq: 07 Nov 2023 11:34

Instrument :

MSVOA_Y

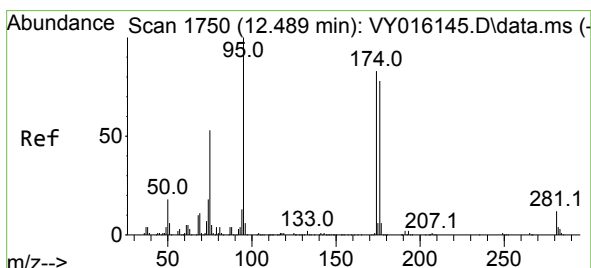
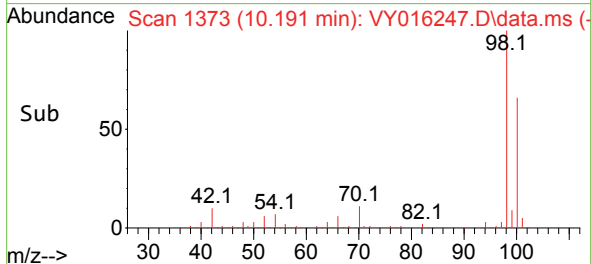
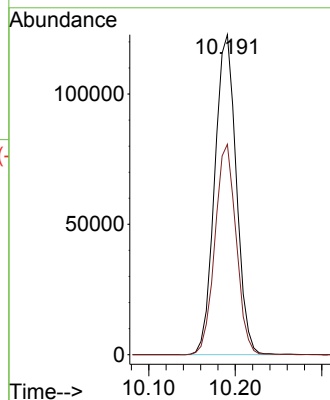
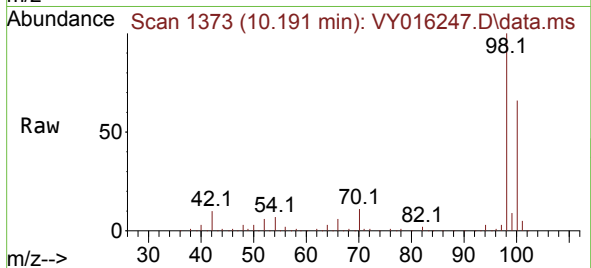
ClientSampleId :

Tgt Ion: 98 Resp: 211918

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 43.577 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016247.D

Acq: 07 Nov 2023 11:34

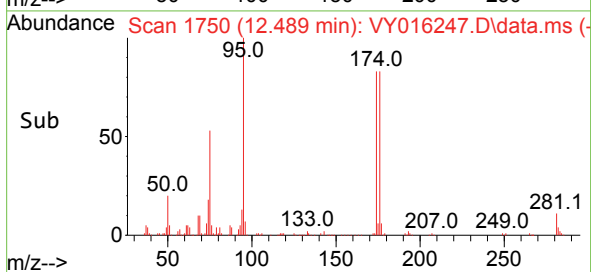
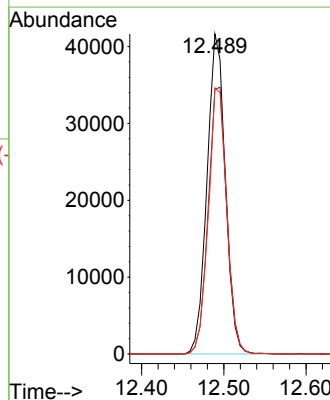
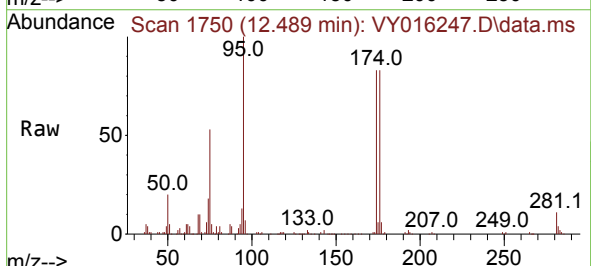
Tgt Ion: 95 Resp: 64491

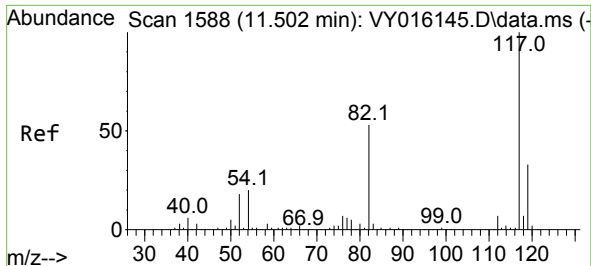
Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.2

176 83.4 0.0 173.8

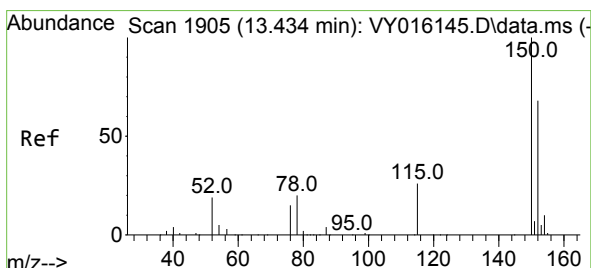
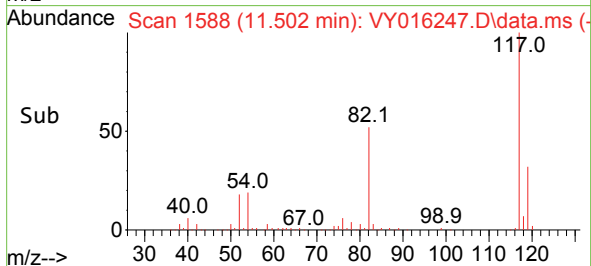
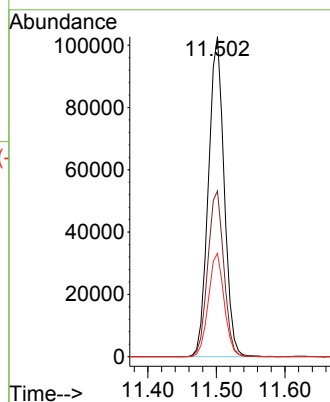
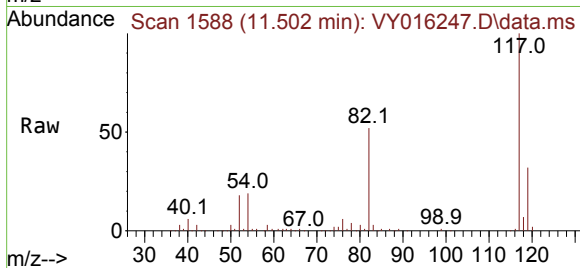




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

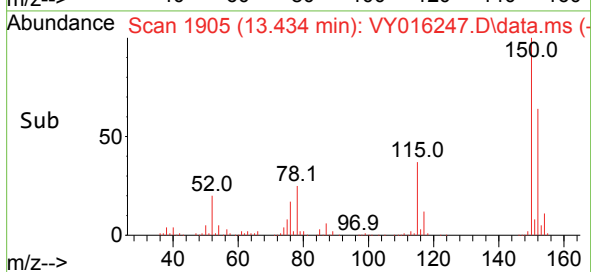
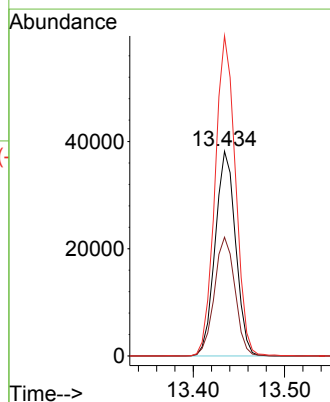
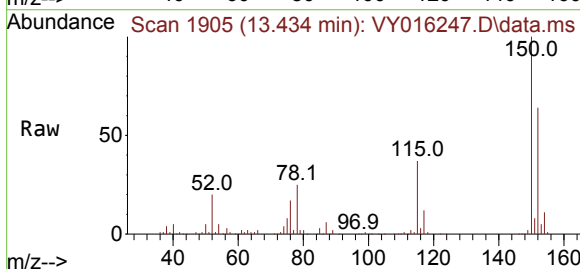
Instrument :
MSVOA_Y
ClientSampleId :

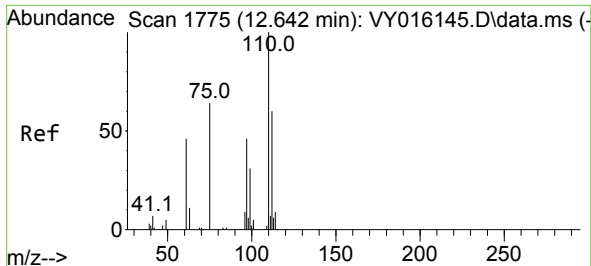
Tgt Ion:117 Resp: 164024
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

Tgt Ion:152 Resp: 59390
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 156.3 0.0 348.8

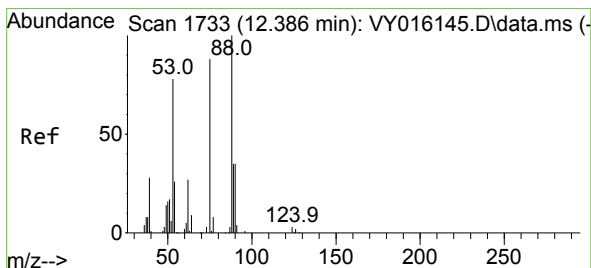
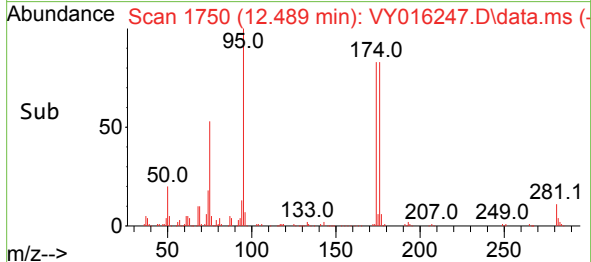
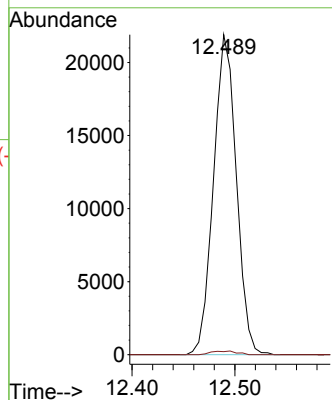
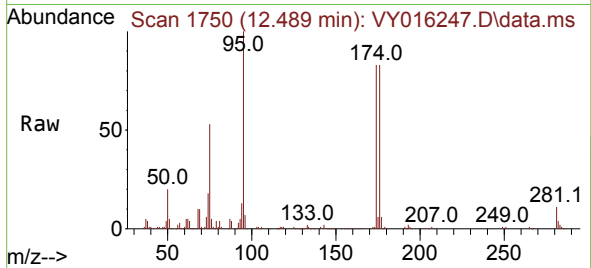




#76
1,2,3-Trichloropropane
Concen: 60.293 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

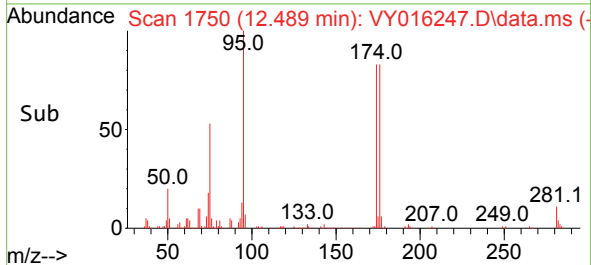
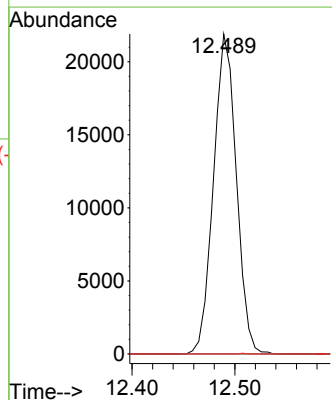
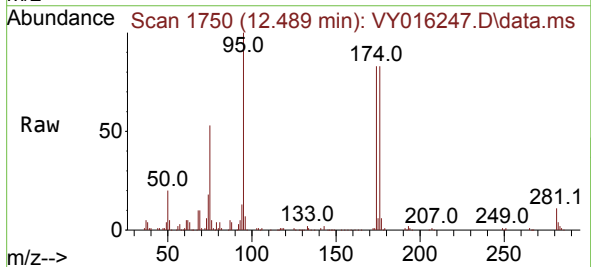
Instrument :
MSVOA_Y
ClientSampleId :

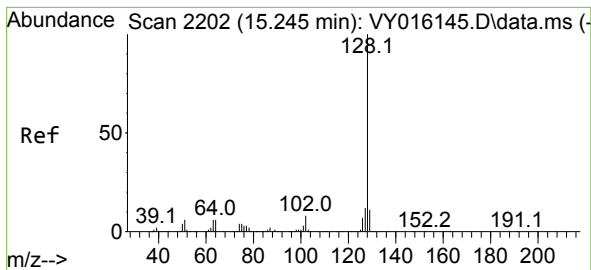
Tgt Ion: 75 Resp: 33721
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.730 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

Tgt Ion: 75 Resp: 33721
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#





#95

Naphthalene

Concen: 1.470 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

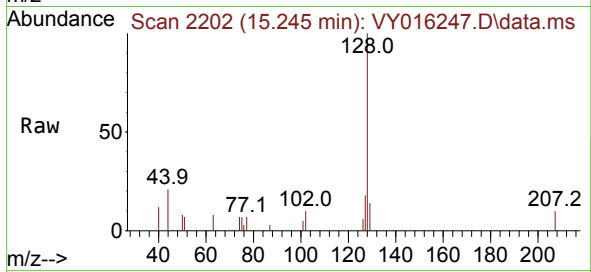
Lab File: VY016247.D

Acq: 07 Nov 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 3038

Ion Ratio Lower Upper

128 100

127 17.4 10.8 16.2#

129 12.2 8.6 13.0

