

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014913.D
 Acq On : 28 Jul 2023 16:56
 Operator : SY/MD
 Sample : 03813-01
 Misc : 4.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PLAUDERVILLE-1

Quant Time: Jul 29 03:08:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

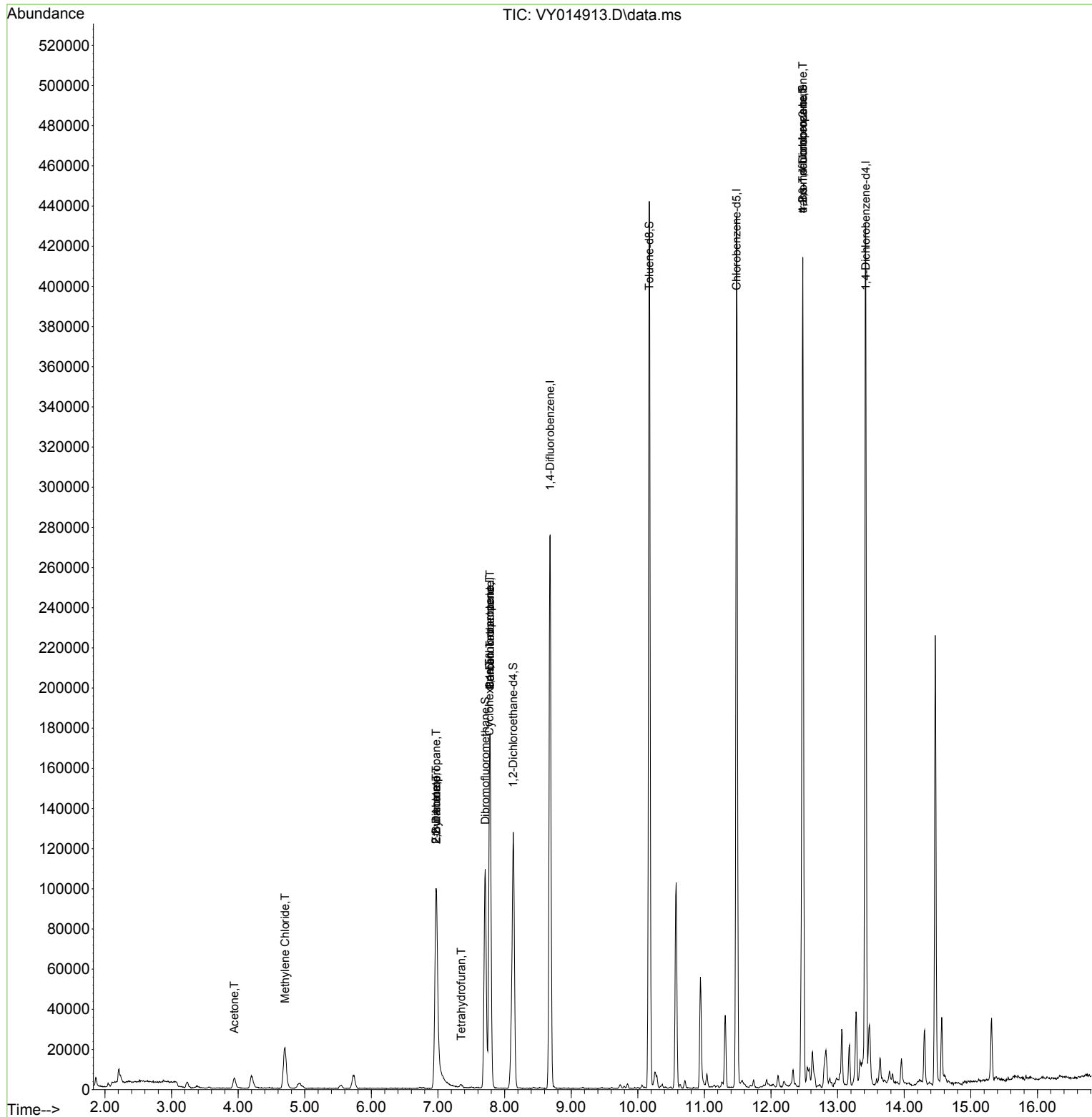
Internal Standards						
1) Pentafluorobenzene	7.783	168	138221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	240907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	233963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88209	56.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.000%	
35) Dibromofluoromethane	7.710	113	76262	49.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.460%	
50) Toluene-d8	10.173	98	287853	50.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	12.477	95	107750	49.702	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.400%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	9333	18.699	ug/l	94
20) Methylene Chloride	4.704	84	15574	5.879	ug/l	87
25) 2-Butanone	6.972	43	5871	8.040	ug/l #	76
26) 2,2-Dichloropropane	6.972	77	7863	2.935	ug/l #	54
29) Tetrahydrofuran	7.350	42	1068	2.375	ug/l #	82
31) Cyclohexane	7.771	56	3058	1.170	ug/l #	11
36) 1,1-Dichloropropene	7.777	75	11039	4.813	ug/l #	49
37) Ethyl Acetate	6.972	43	5871	3.718	ug/l #	1
38) Carbon Tetrachloride	7.783	117	14171	5.845	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	57635	40.883	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	57635	79.156	ug/l #	11

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

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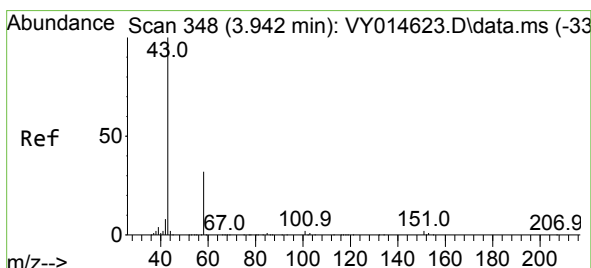
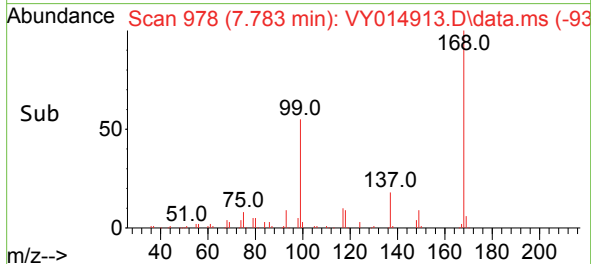
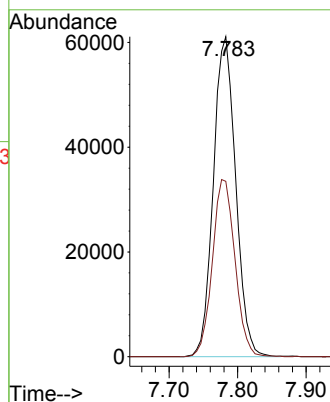
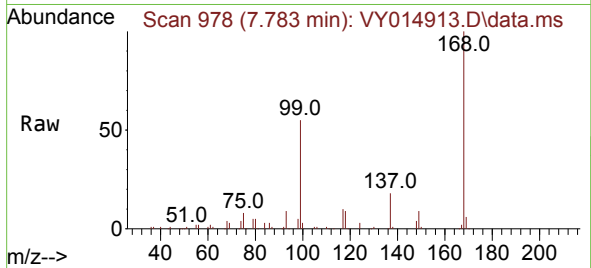




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

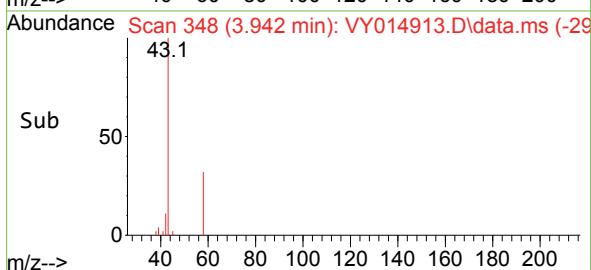
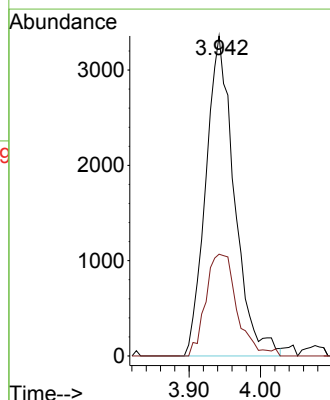
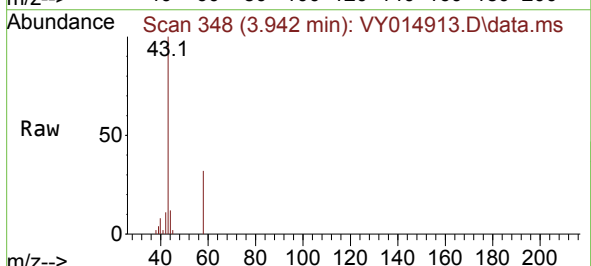
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-1

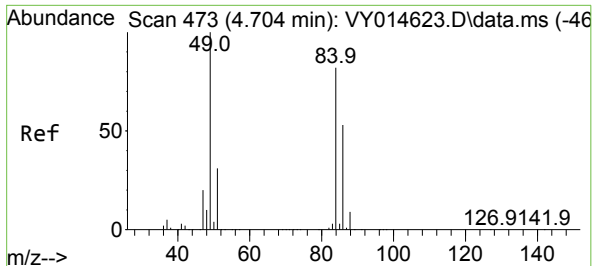
Tgt Ion:168 Resp: 138221
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 18.699 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

Tgt Ion: 43 Resp: 9333
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1

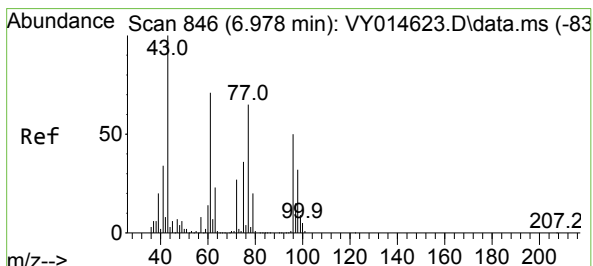
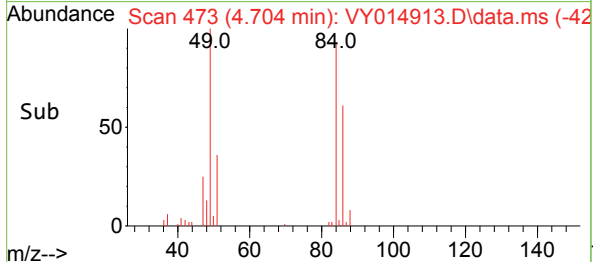
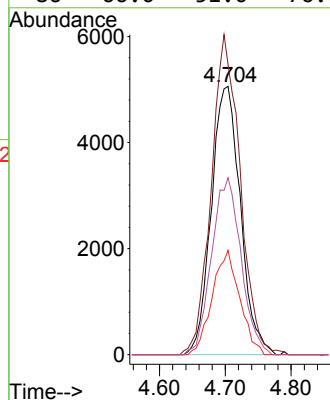
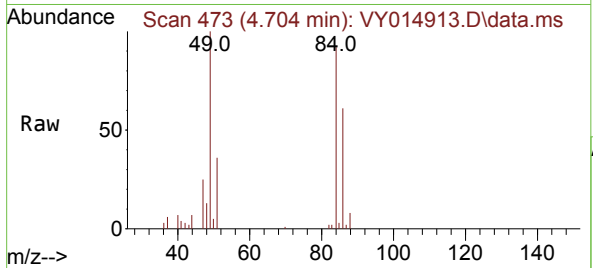




#20
Methylene Chloride
Concen: 5.879 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

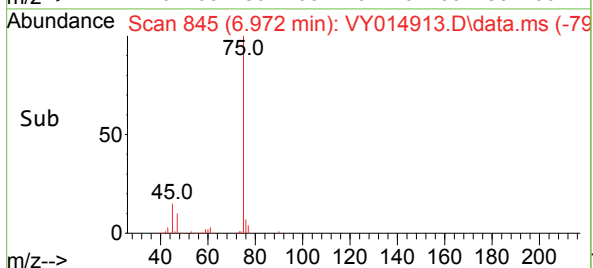
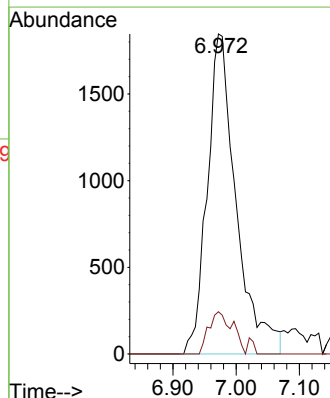
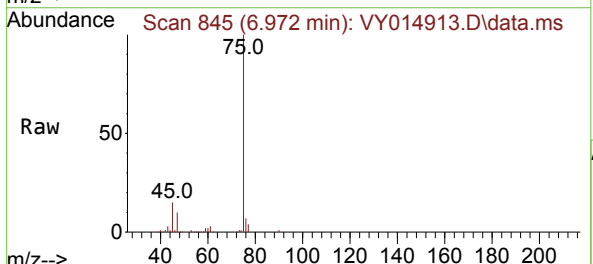
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-1

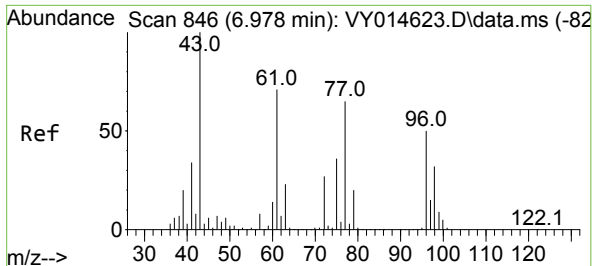
Tgt Ion:	84	Resp:	15574
Ion	Ratio	Lower	Upper
84	100		
49	108.1	106.9	160.3
51	38.9	33.2	49.8
86	66.0	51.0	76.6



#25
2-Butanone
Concen: 8.040 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

Tgt Ion:	43	Resp:	5871
Ion	Ratio	Lower	Upper
43	100		
72	13.2	20.5	30.7#





#26

2,2-Dichloropropane

Concen: 2.935 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014913.D

Acq: 28 Jul 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

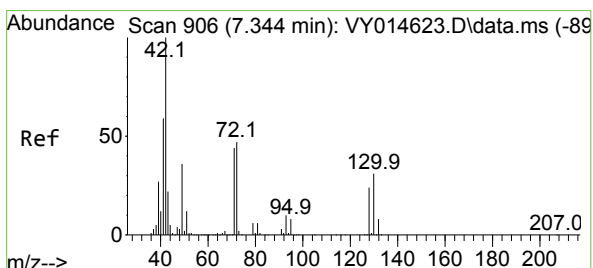
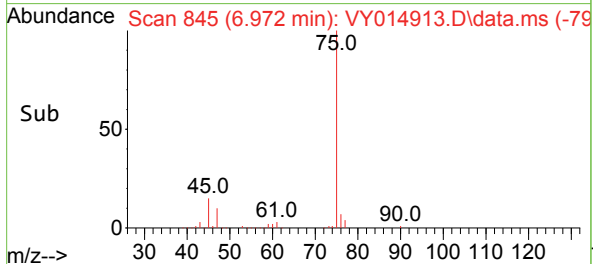
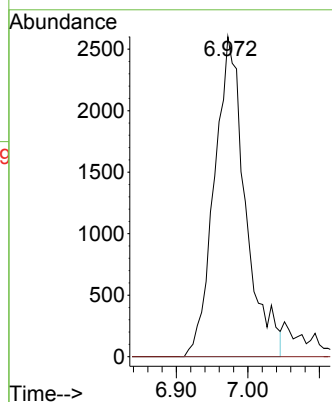
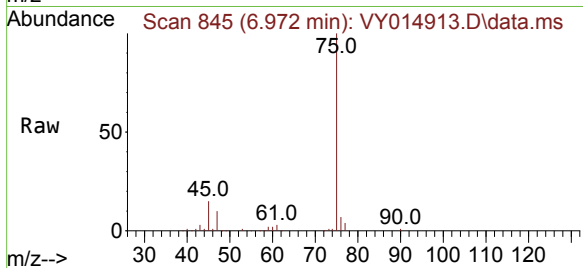
PLAUDERVILLE-1

Tgt Ion: 77 Resp: 7863

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#29

Tetrahydrofuran

Concen: 2.375 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014913.D

Acq: 28 Jul 2023 16:56

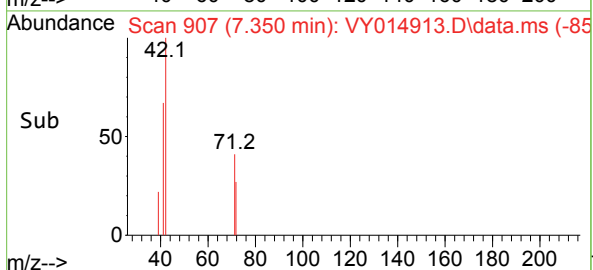
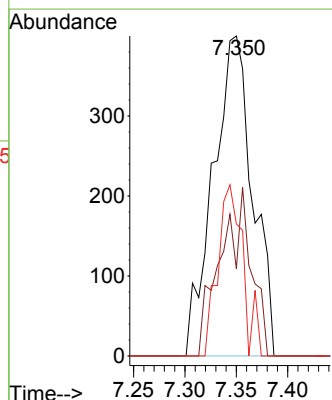
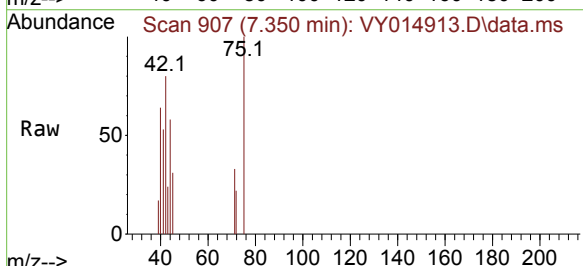
Tgt Ion: 42 Resp: 1068

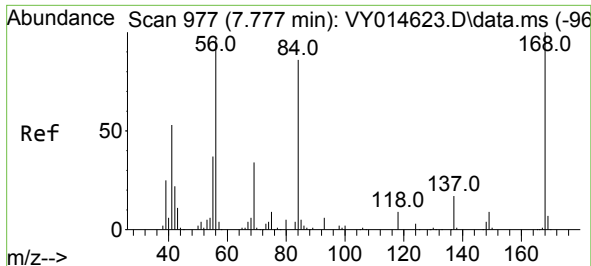
Ion Ratio Lower Upper

42 100

72 24.0 32.8 49.2#

71 33.8 31.0 46.4

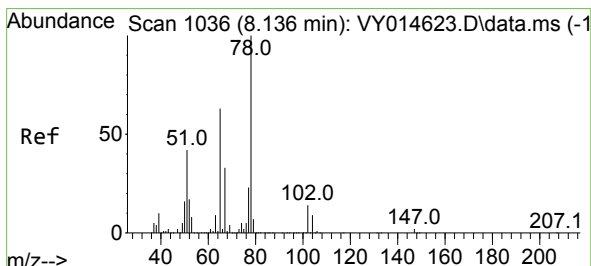
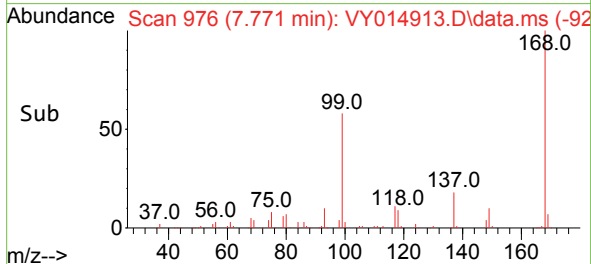
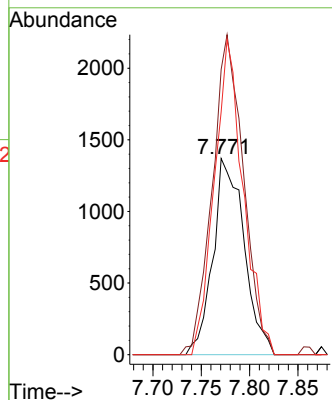
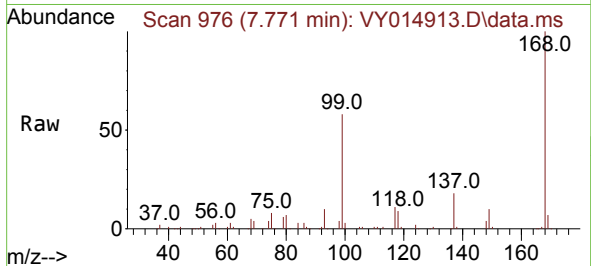




#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

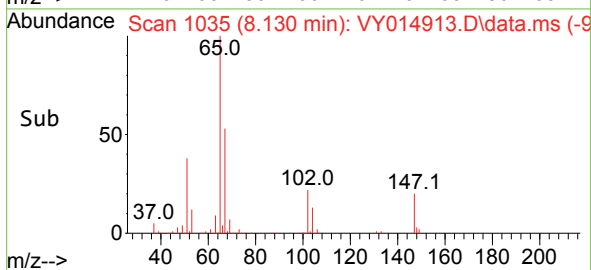
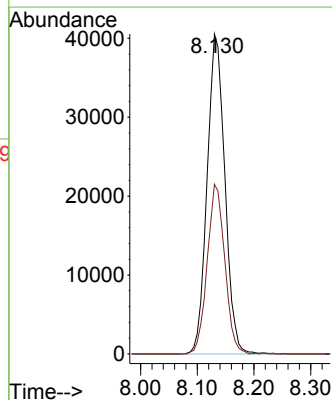
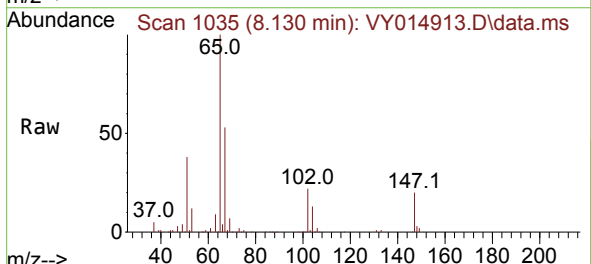
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-1

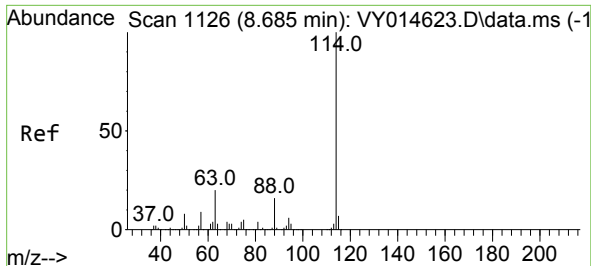
Tgt Ion: 56 Resp: 3058
Ion Ratio Lower Upper
56 100
69 145.5 27.8 41.6#
84 123.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.003 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

Tgt Ion: 65 Resp: 88209
Ion Ratio Lower Upper
65 100
67 52.4 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: VY014913.D

Acq: 28 Jul 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

PLAUDERVILLE-1

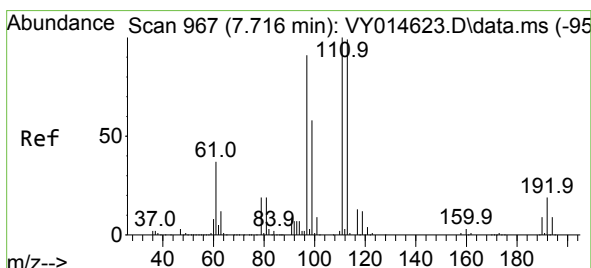
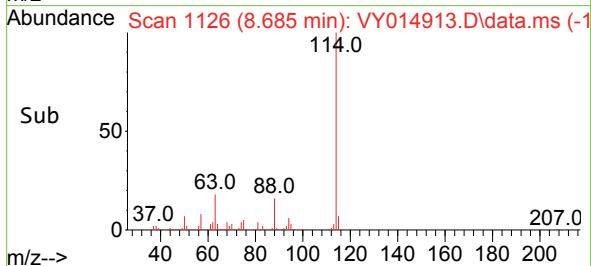
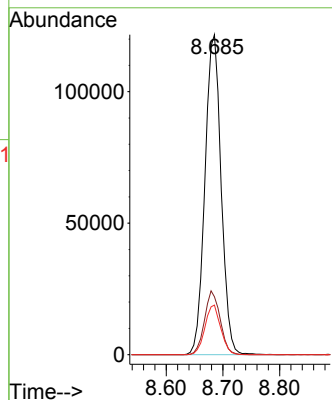
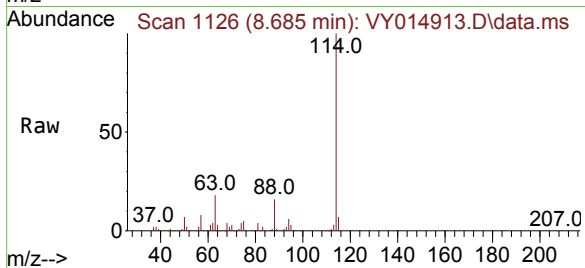
Tgt Ion:114 Resp: 240907

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.729 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014913.D

Acq: 28 Jul 2023 16:56

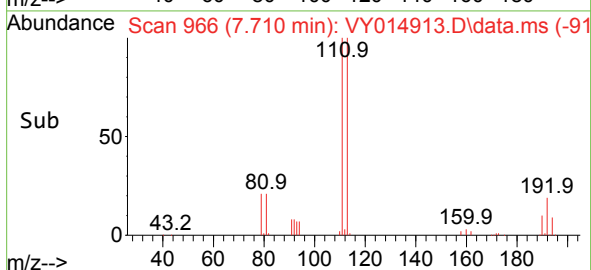
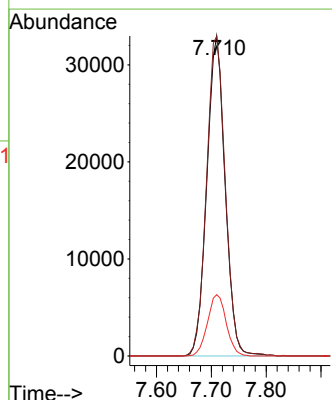
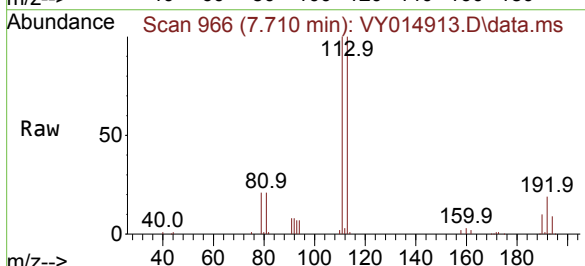
Tgt Ion:113 Resp: 76262

Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.6 16.9 25.3

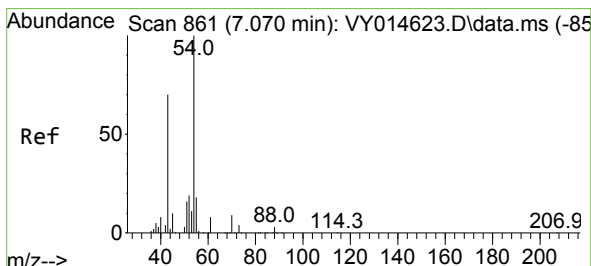
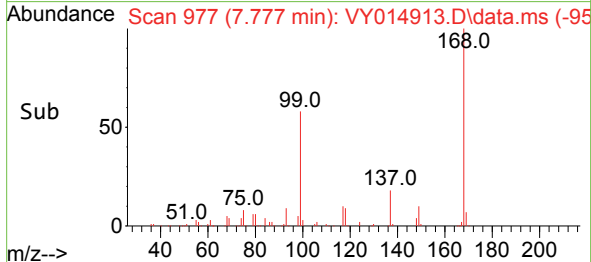
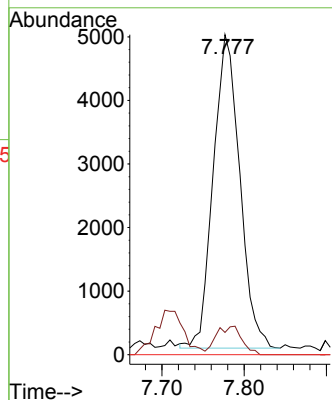
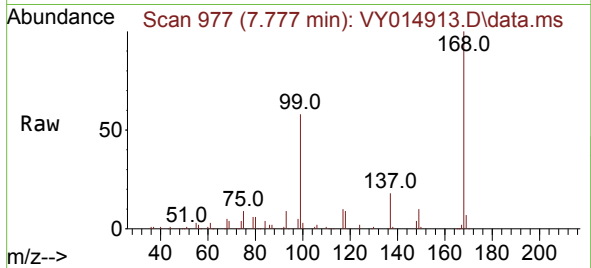




#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

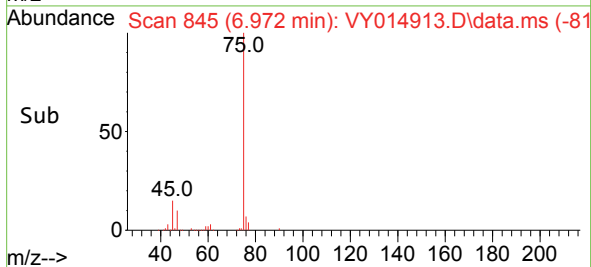
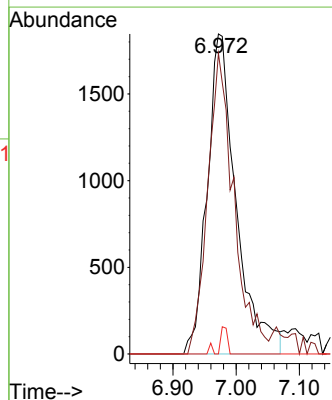
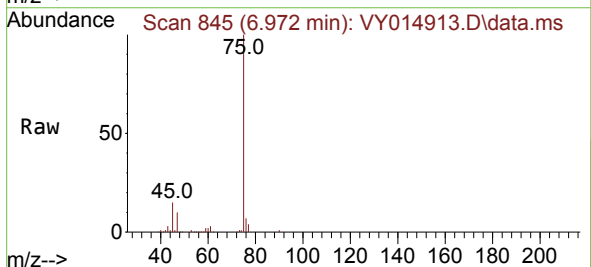
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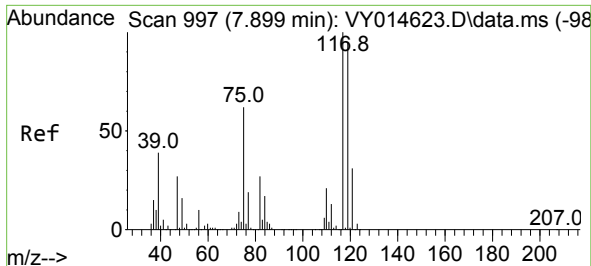
Tgt Ion: 75 Resp: 11039
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.718 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

Tgt Ion: 43 Resp: 5871
Ion Ratio Lower Upper
43 100
61 85.1 10.1 15.1#
70 2.3 7.1 10.7#

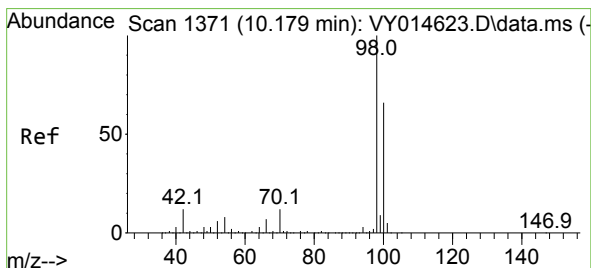
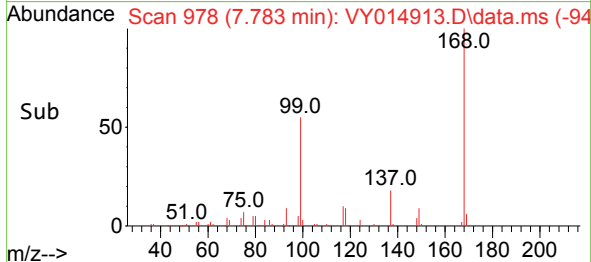
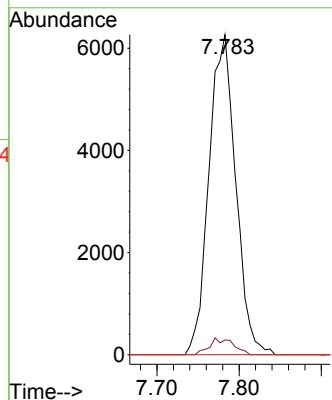
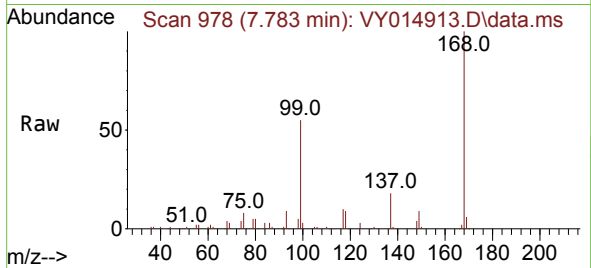




#38
Carbon Tetrachloride
Concen: 5.845 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

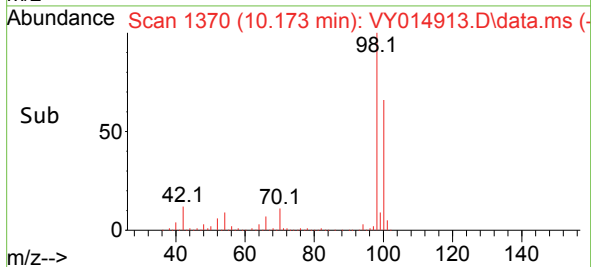
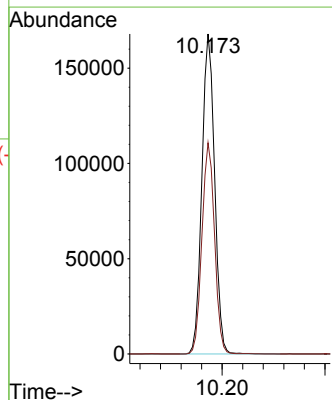
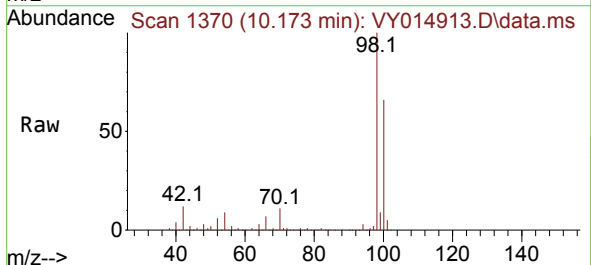
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-1

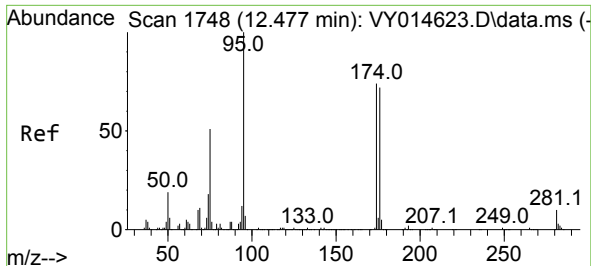
Tgt Ion:117 Resp: 14171
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.912 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

Tgt Ion: 98 Resp: 287853
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

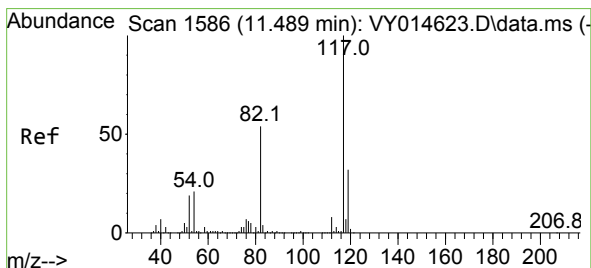
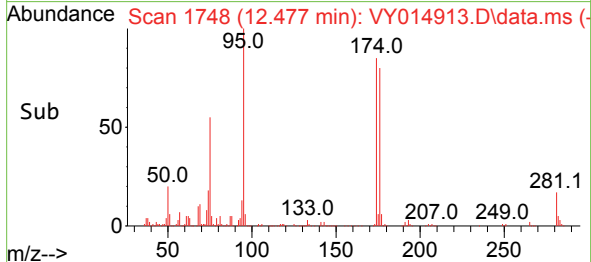
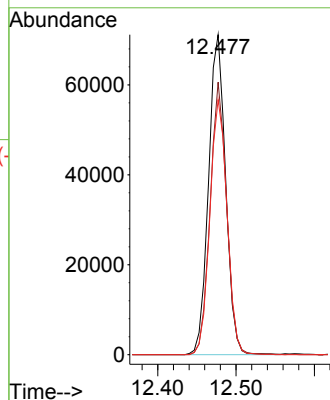
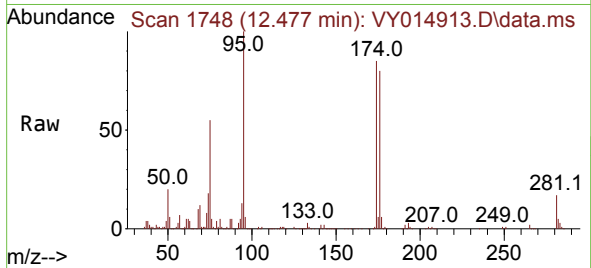




#62
4-Bromofluorobenzene
Concen: 49.702 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

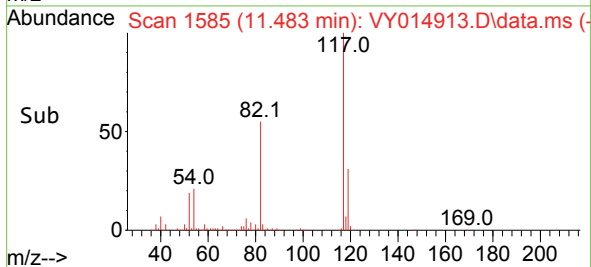
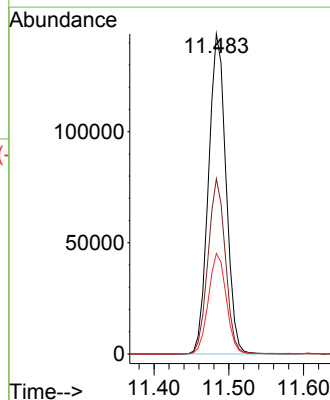
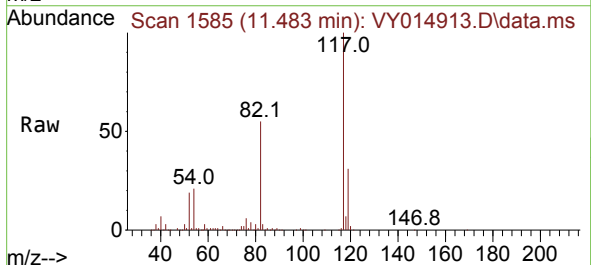
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-1

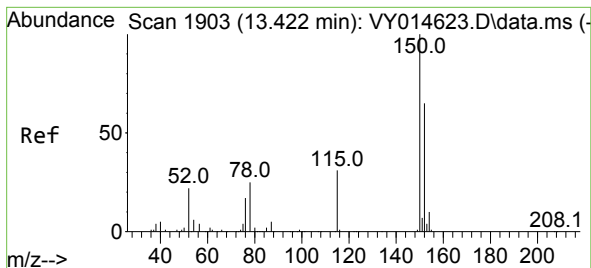
Tgt Ion: 95 Resp: 107750
Ion Ratio Lower Upper
95 100
174 82.1 0.0 178.2
176 80.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014913.D
Acq: 28 Jul 2023 16:56

Tgt Ion: 117 Resp: 233963
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.3 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: VY014913.D

Acq: 28 Jul 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

PLAUDERVILLE-1

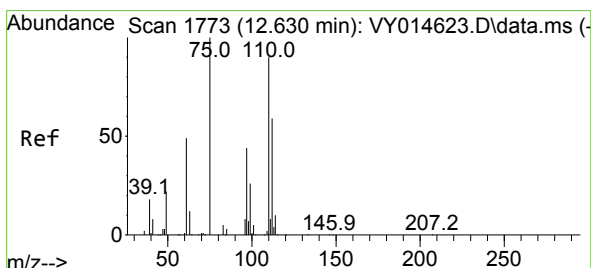
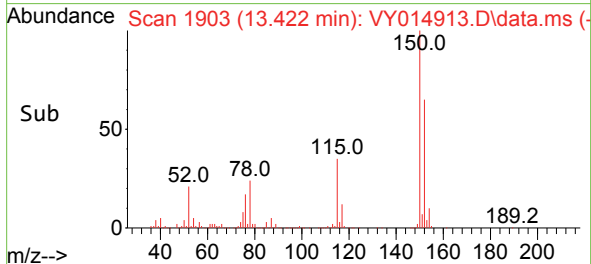
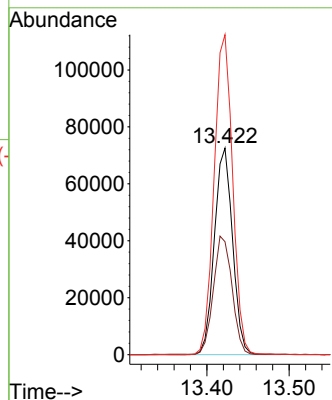
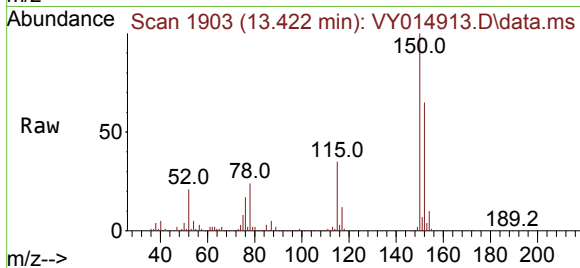
Tgt Ion:152 Resp: 111623

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 157.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 40.883 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014913.D

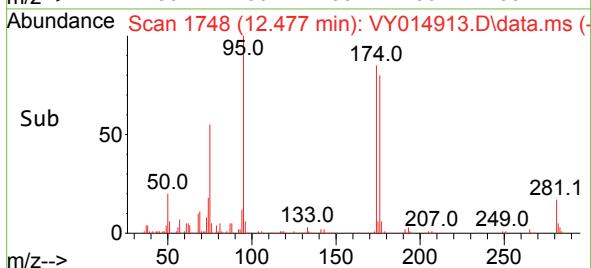
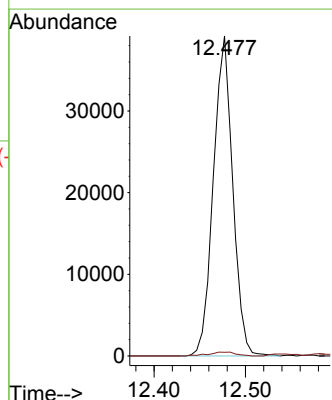
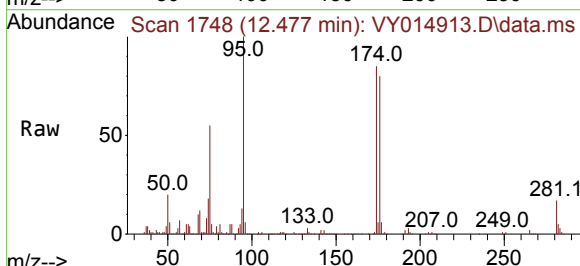
Acq: 28 Jul 2023 16:56

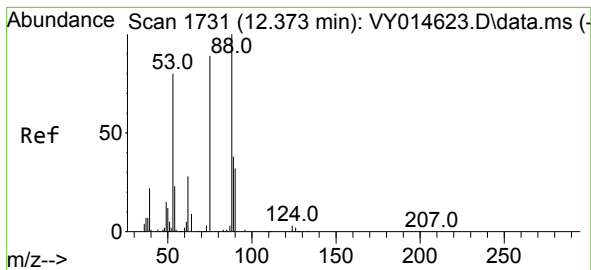
Tgt Ion: 75 Resp: 57635

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.156 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014913.D
 Acq: 28 Jul 2023 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 PLAUDERVILLE-1

Tgt Ion: 75 Resp: 57635
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.4 37.4 56.0#

