

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014914.D
 Acq On : 28 Jul 2023 17:20
 Operator : SY/MD
 Sample : 03813-04
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PLAUDERVILLE-2

Quant Time: Jul 29 03:09:19 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)

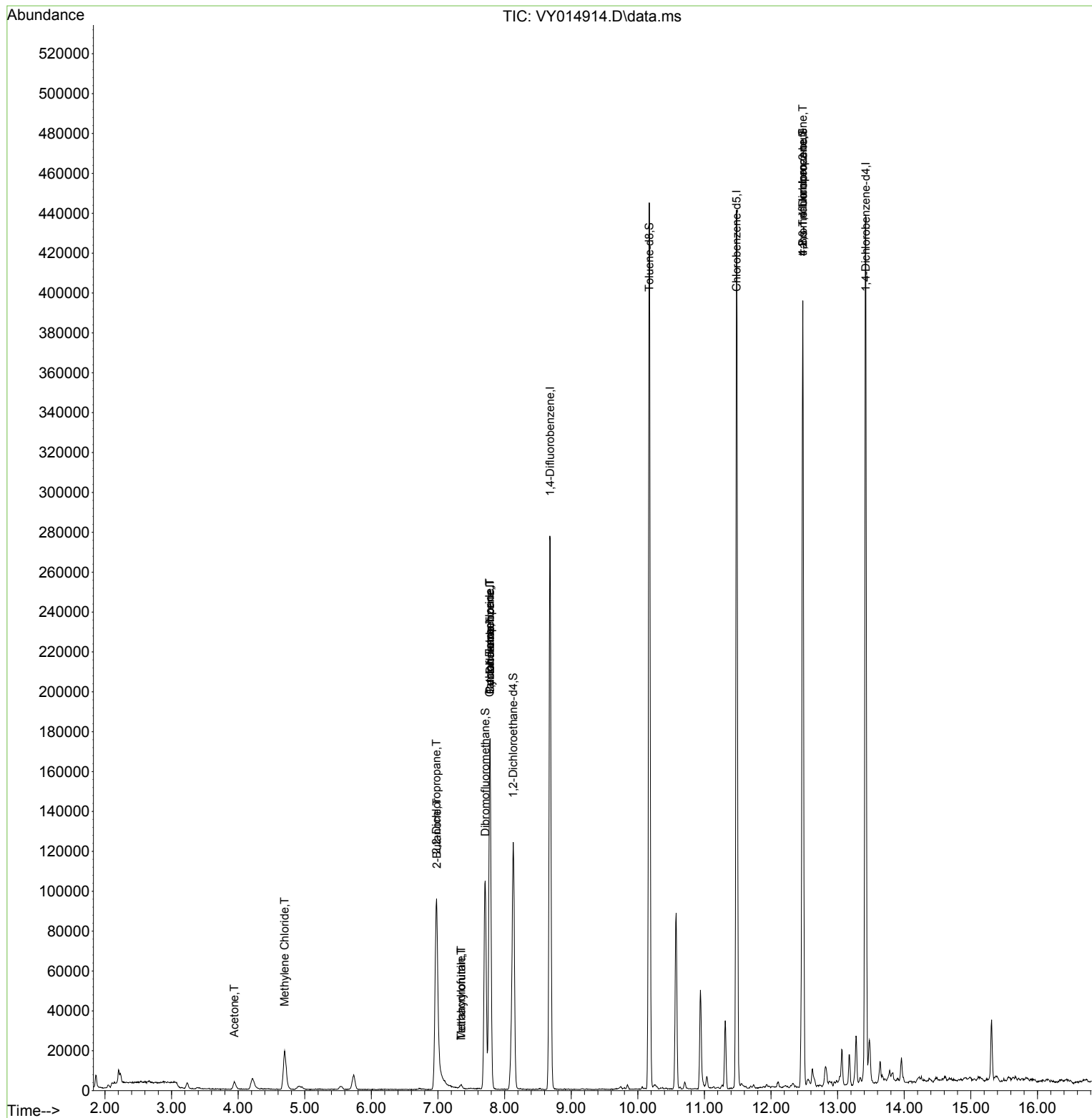
Internal Standards						
1) Pentafluorobenzene	7.783	168	137164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	241822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	232120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88334	56.514	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.020%			
35) Dibromofluoromethane	7.710	113	75597	49.109	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.220%			
50) Toluene-d8	10.173	98	287709	50.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.380%			
62) 4-Bromofluorobenzene	12.477	95	107606	49.448	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.900%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	1559	Below Cal	#	90
16) Acetone	3.942	43	6569	13.262	ug/l #	88
20) Methylene Chloride	4.698	84	14132	4.981	ug/l #	88
25) 2-Butanone	6.984	43	5666	7.819	ug/l #	76
26) 2,2-Dichloropropane	6.978	77	7670	2.885	ug/l #	54
29) Tetrahydrofuran	7.350	42	1325	2.970	ug/l #	65
31) Cyclohexane	7.783	56	2991	1.153	ug/l #	10
36) 1,1-Dichloropropene	7.783	75	10748	4.669	ug/l #	50
38) Carbon Tetrachloride	7.777	117	13299	5.465	ug/l #	16
41) Methacrylonitrile	7.350	41	861	1.056	ug/l #	44
76) 1,2,3-Trichloropropane	12.477	75	57343	39.836	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	57343	77.131	ug/l #	11

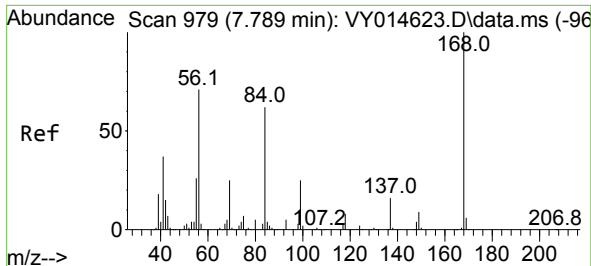
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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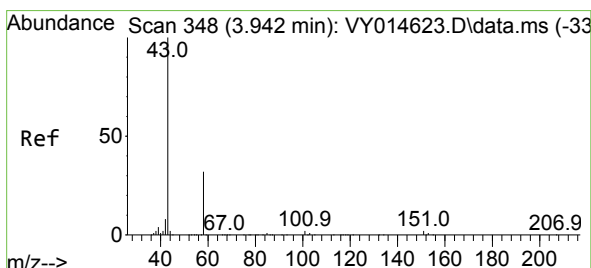
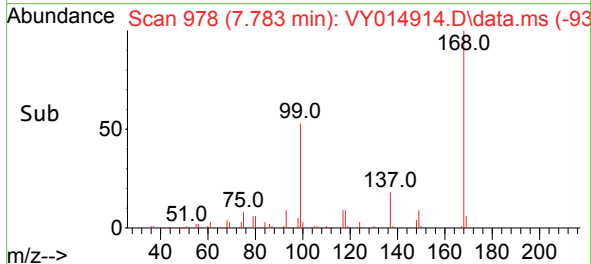
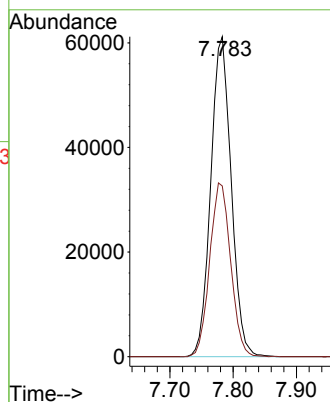
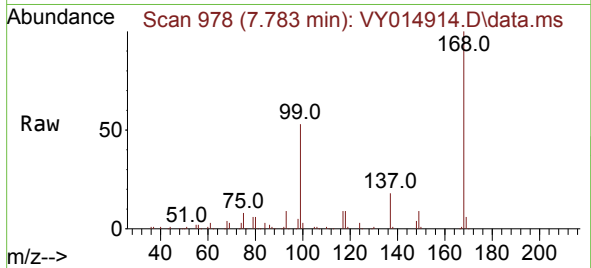




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

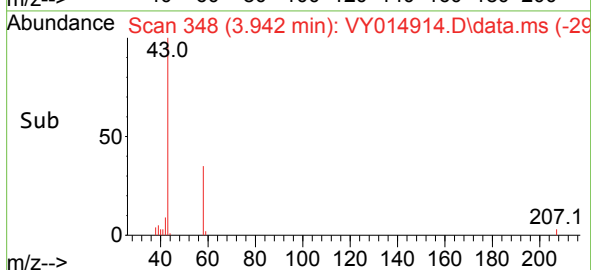
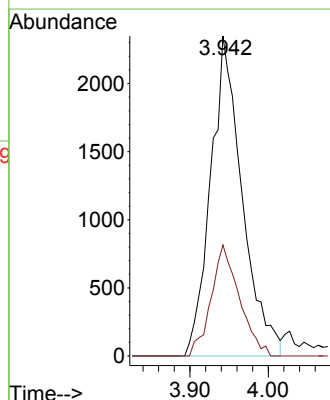
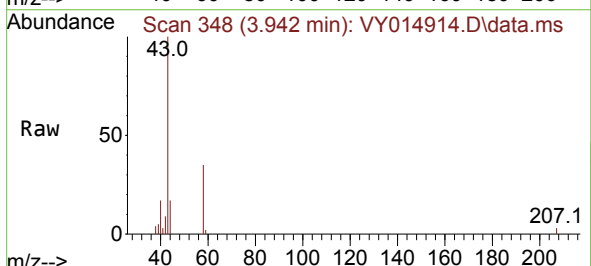
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-2

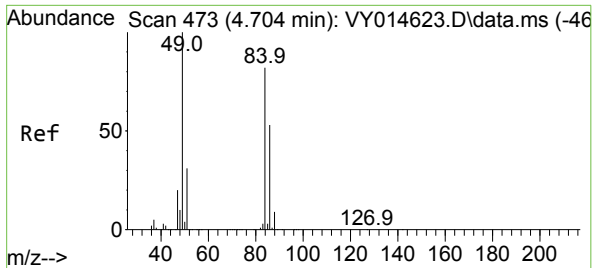
Tgt Ion:168 Resp: 137164
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#16
Acetone
Concen: 13.262 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

Tgt Ion: 43 Resp: 6569
Ion Ratio Lower Upper
43 100
58 34.7 22.7 34.1#

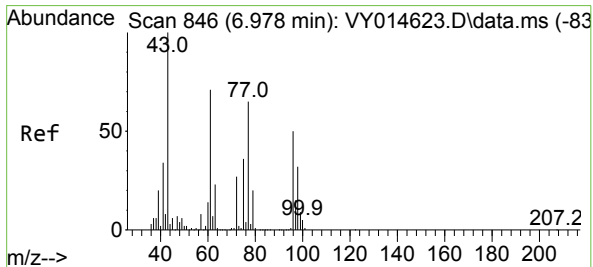
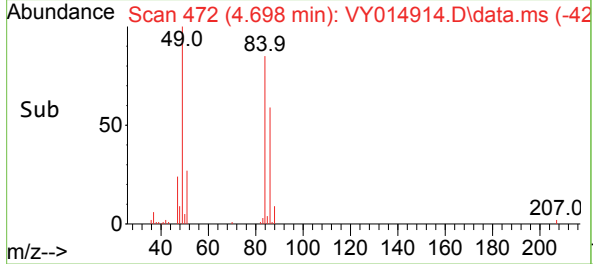
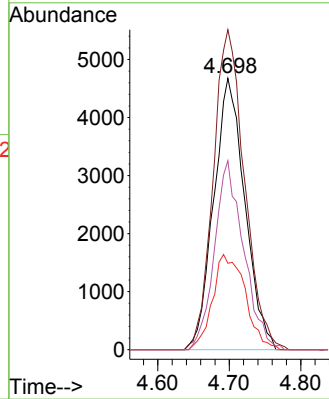
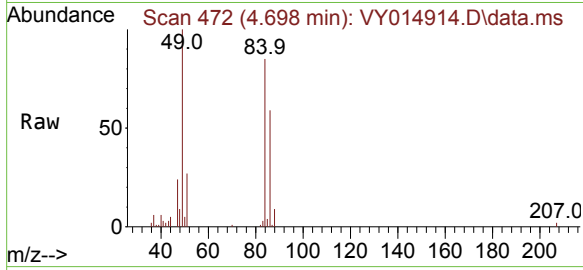




#20
Methylene Chloride
Concen: 4.981 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

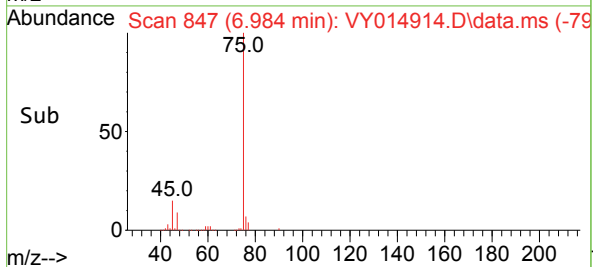
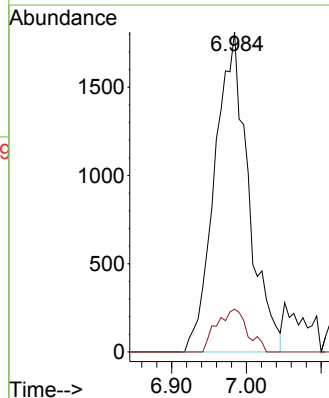
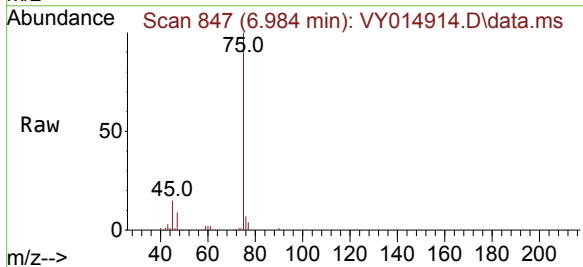
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-2

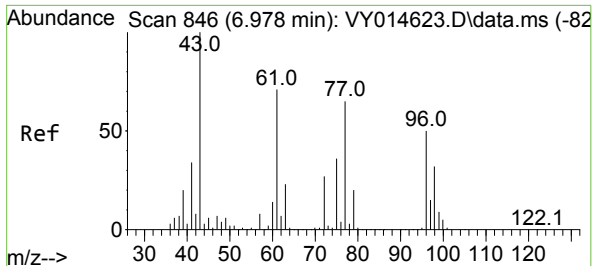
Tgt Ion:	84	Resp:	14132
Ion	Ratio	Lower	Upper
84	100		
49	117.9	106.9	160.3
51	31.9	33.2	49.8#
86	69.6	51.0	76.6



#25
2-Butanone
Concen: 7.819 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

Tgt Ion:	43	Resp:	5666
Ion	Ratio	Lower	Upper
43	100		
72	13.4	20.5	30.7#

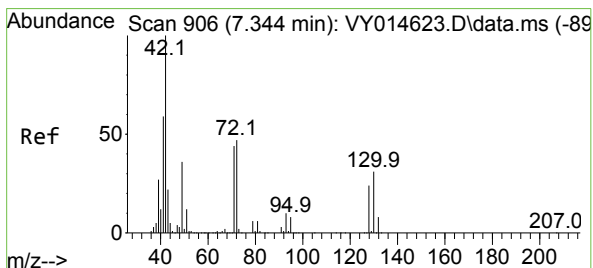
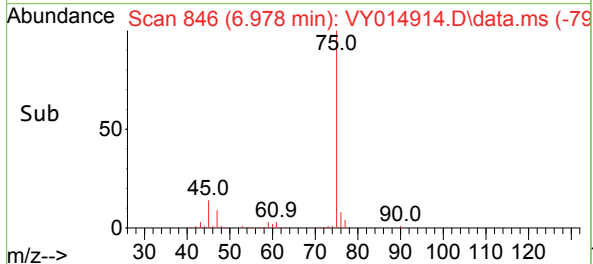
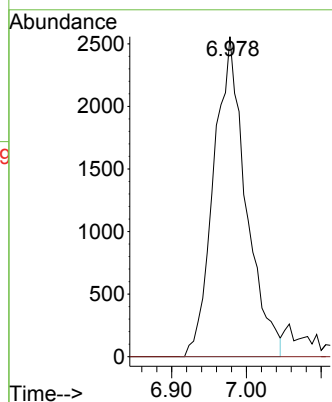
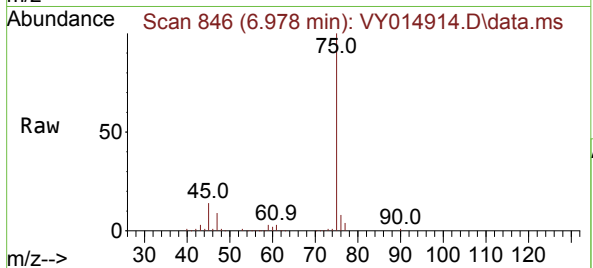




#26
2,2-Dichloropropane
Concen: 2.885 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

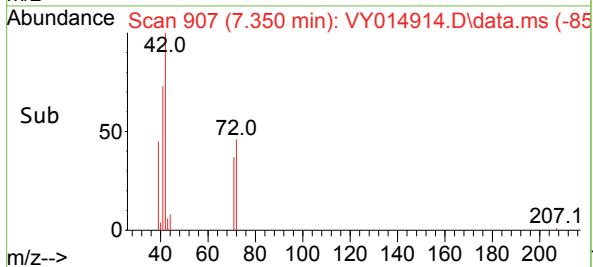
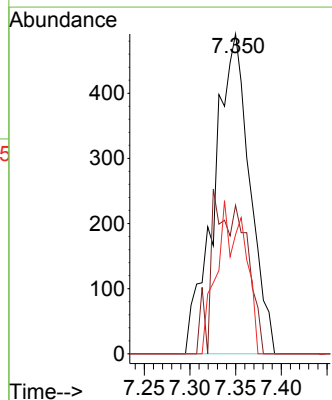
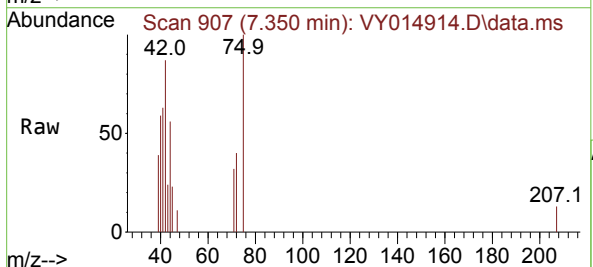
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-2

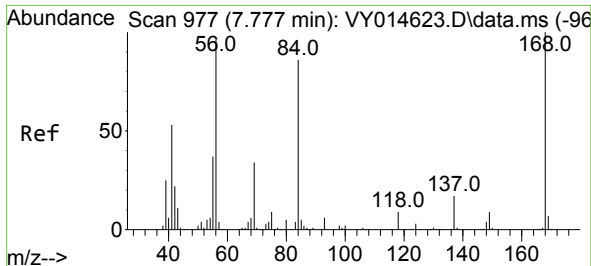
Tgt Ion: 77 Resp: 7670
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#29
Tetrahydrofuran
Concen: 2.970 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

Tgt Ion: 42 Resp: 1325
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 37.5 31.0 46.4

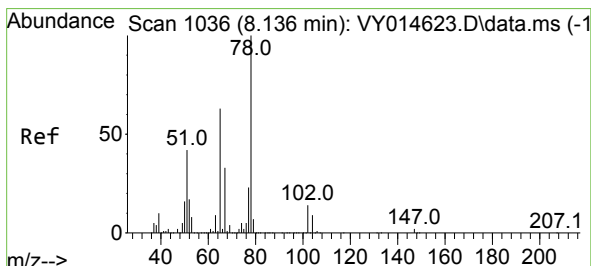
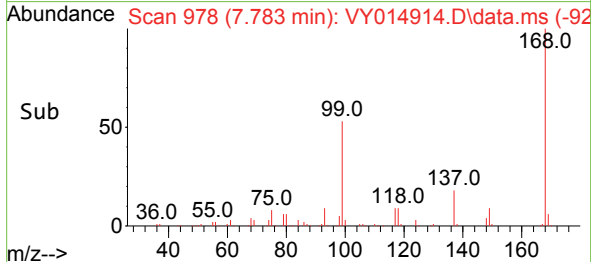
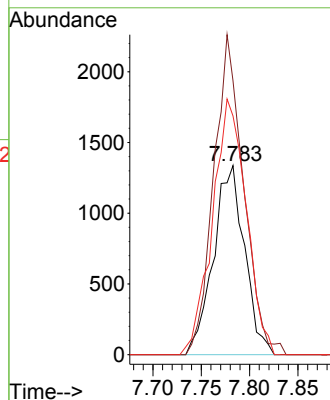
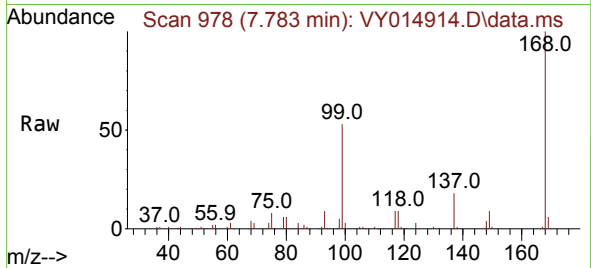




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

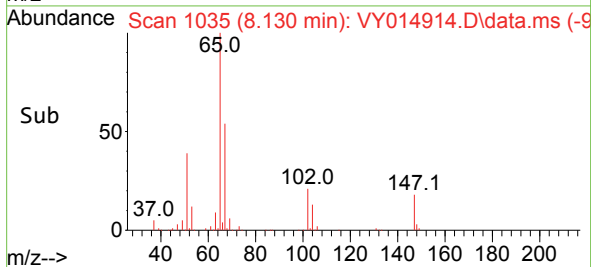
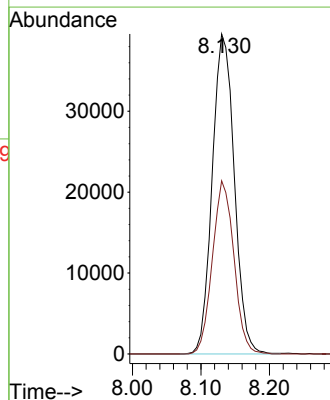
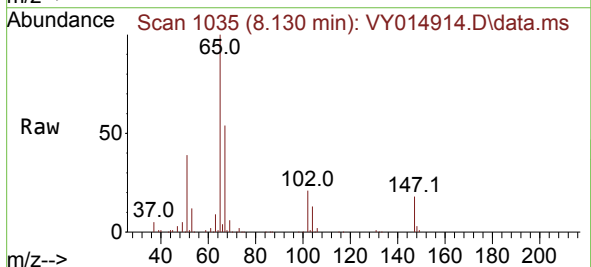
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-2

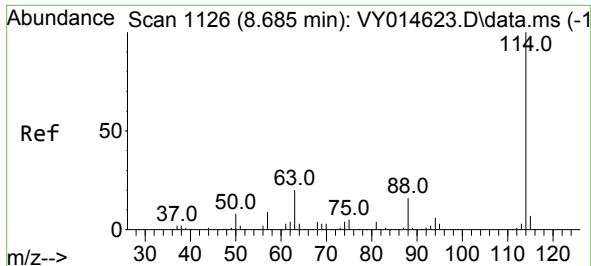
Tgt Ion: 56 Resp: 2991
Ion Ratio Lower Upper
56 100
69 144.8 27.8 41.6#
84 126.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.514 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

Tgt Ion: 65 Resp: 88334
Ion Ratio Lower Upper
65 100
67 52.8 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: VY014914.D

Acq: 28 Jul 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

PLAUDERVILLE-2

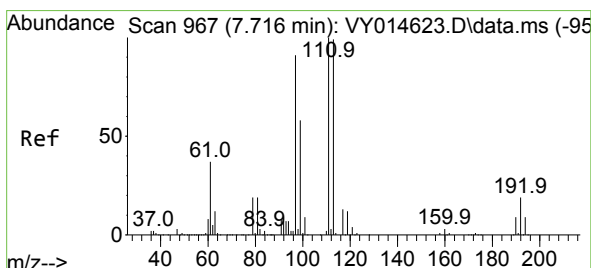
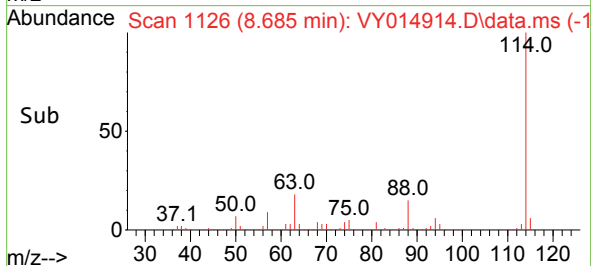
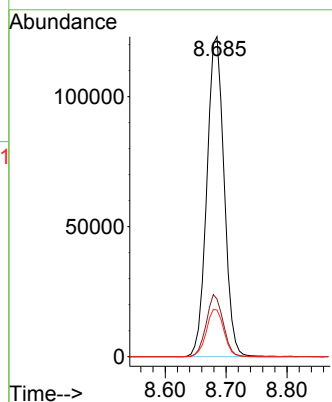
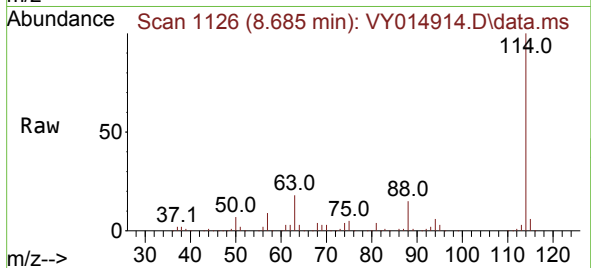
Tgt Ion:114 Resp: 241822

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.109 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014914.D

Acq: 28 Jul 2023 17:20

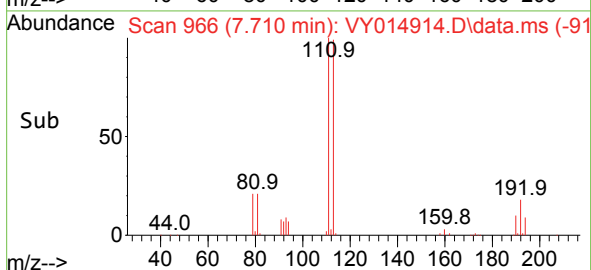
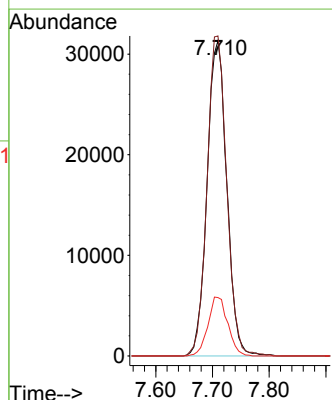
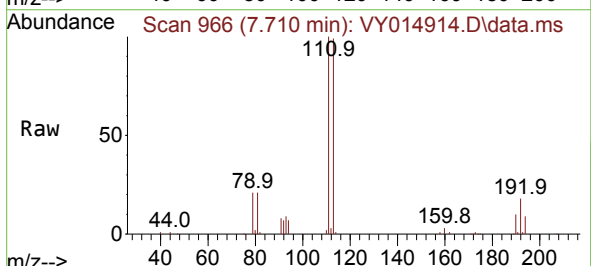
Tgt Ion:113 Resp: 75597

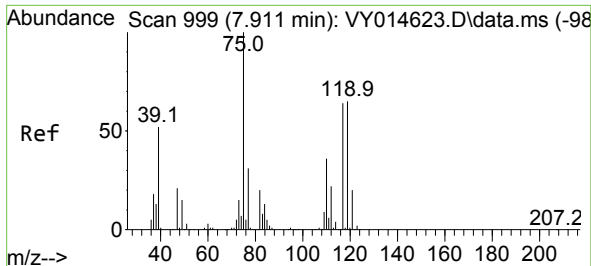
Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

192 18.8 16.9 25.3

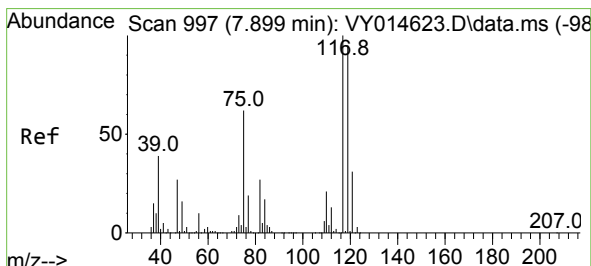
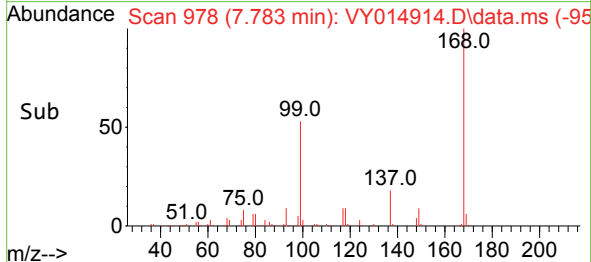
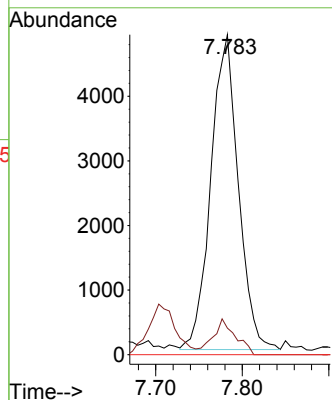
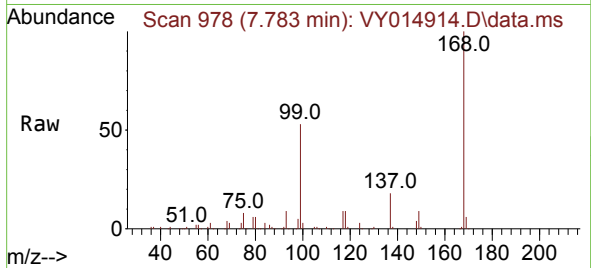




#36
1,1-Dichloropropene
Concen: 4.669 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

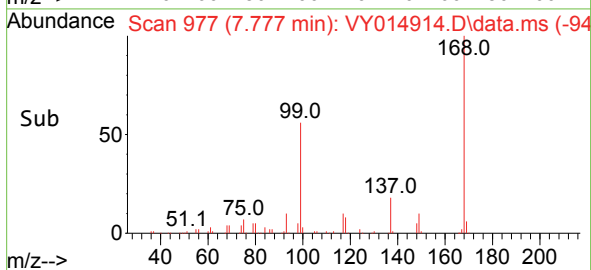
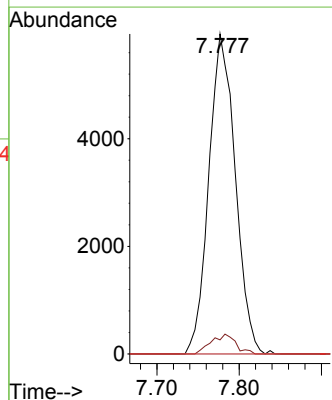
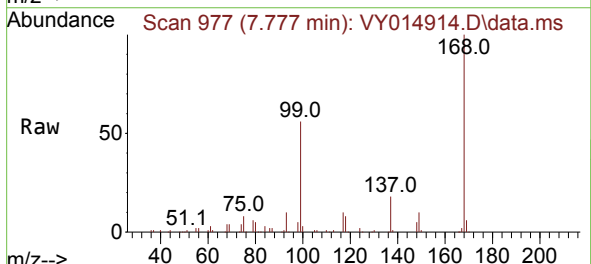
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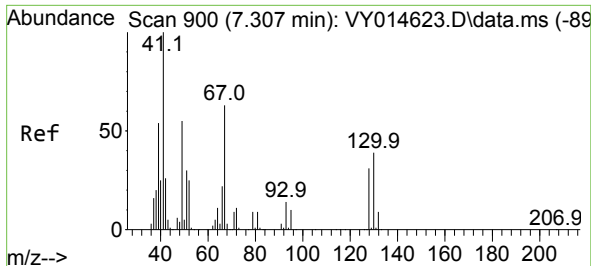
Tgt Ion: 75 Resp: 10748
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.465 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.122 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

Tgt Ion: 117 Resp: 13299
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#

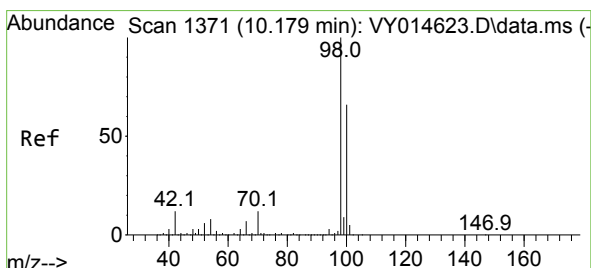
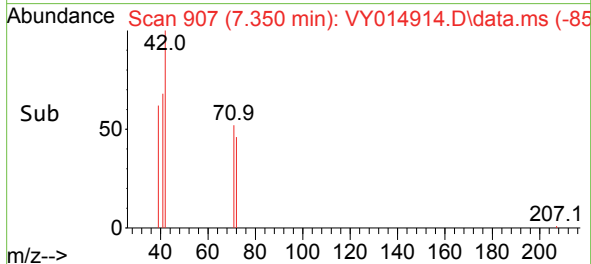
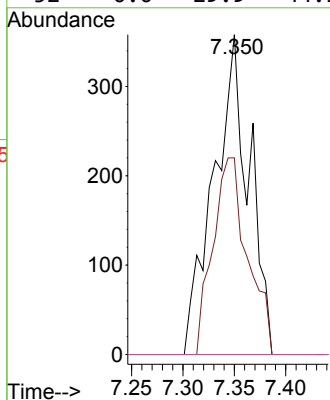
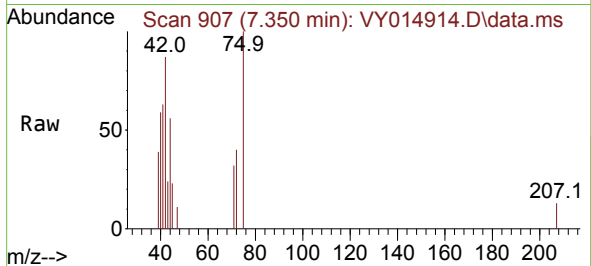




#41
Methacrylonitrile
Concen: 1.056 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

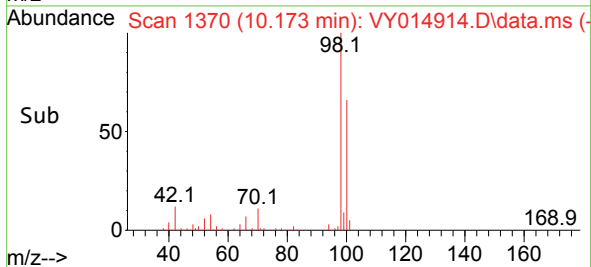
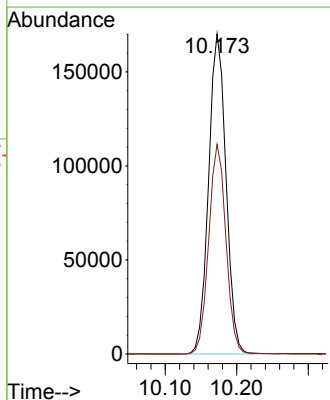
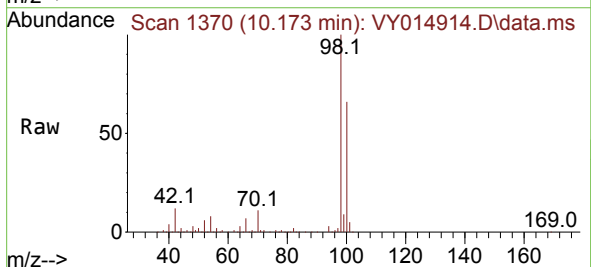
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-2

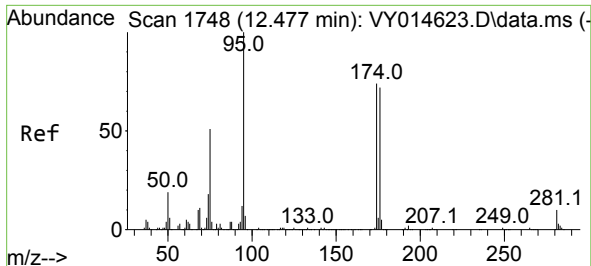
Tgt Ion: 41	Resp: 861
Ion Ratio	Lower Upper
41	100
39	60.0 52.1 78.1
67	0.0 66.2 99.2#
52	0.0 29.9 44.9#



#50
Toluene-d8
Concen: 50.694 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

Tgt Ion: 98	Resp: 287709
Ion Ratio	Lower Upper
98	100
100	64.7 50.1 75.1

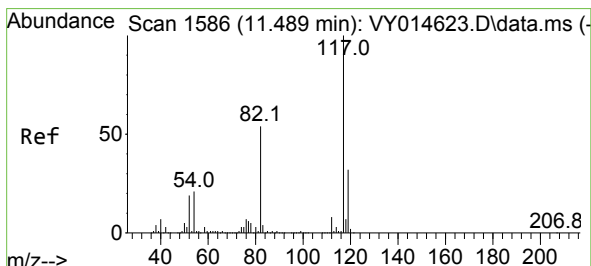
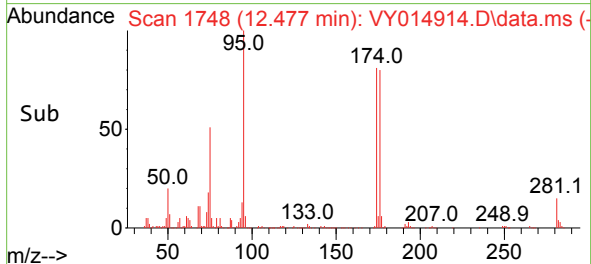
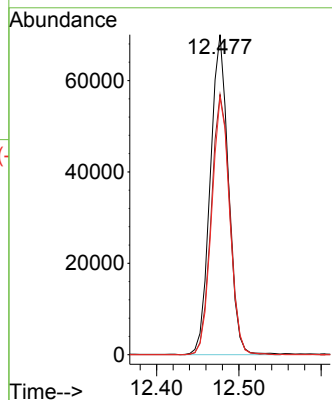
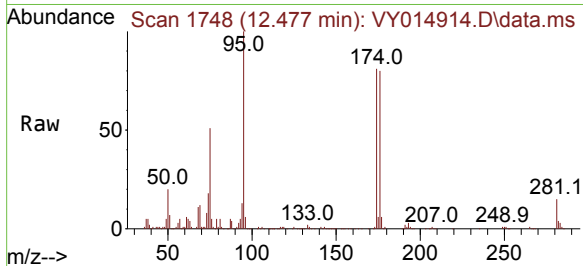




#62
4-Bromofluorobenzene
Concen: 49.448 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

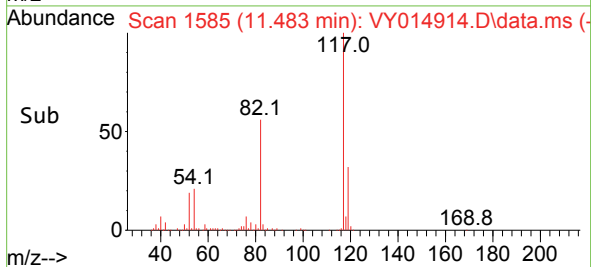
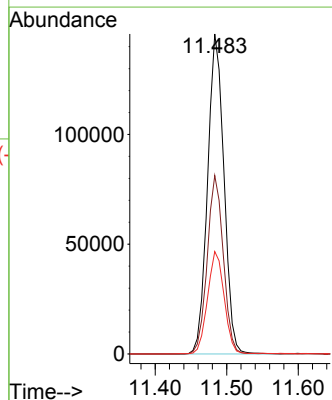
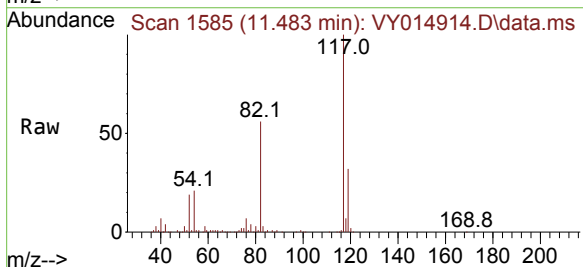
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-2

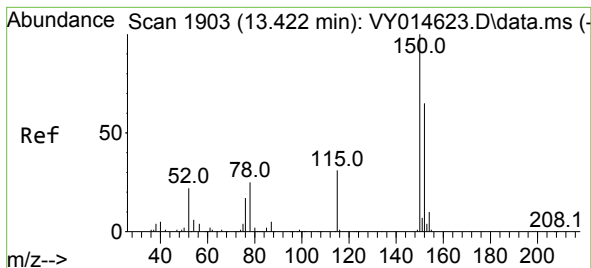
Tgt Ion: 95 Resp: 107606
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 79.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

Tgt Ion: 117 Resp: 232120
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 31.9 26.3 39.5

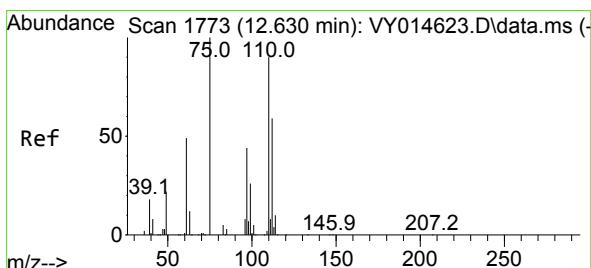
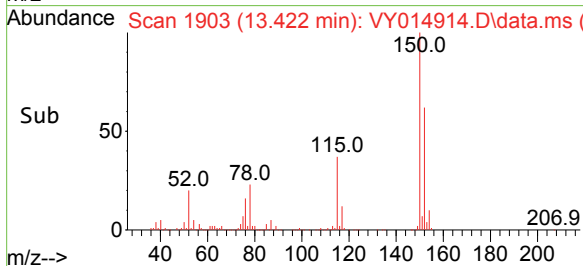
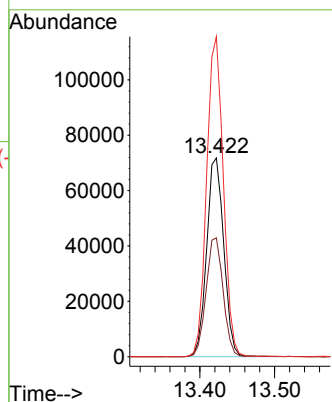
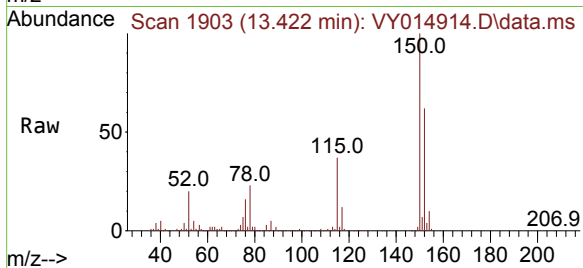




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014914.D
 Acq: 28 Jul 2023 17:20

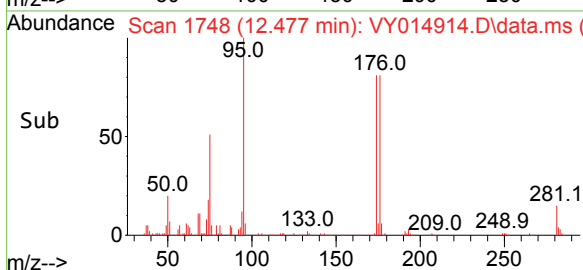
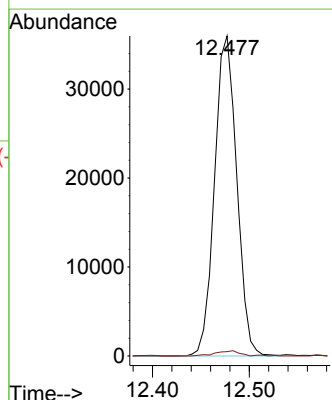
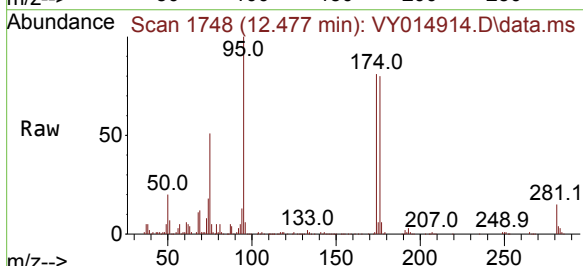
Instrument :
 MSVOA_Y
 ClientSampleId :
 PLAUDERVILLE-2

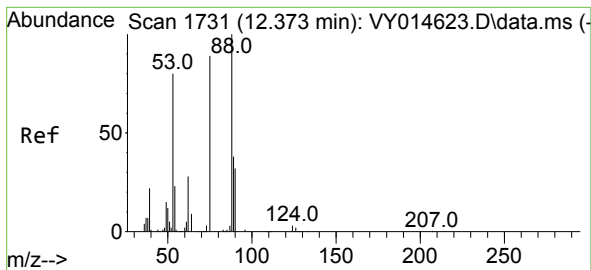
Tgt Ion:152 Resp: 113974
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.8 86.5
 150 157.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 39.836 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014914.D
 Acq: 28 Jul 2023 17:20

Tgt Ion: 75 Resp: 57343
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.131 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014914.D
 Acq: 28 Jul 2023 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 PLAUDERVILLE-2

Tgt Ion: 75 Resp: 57343
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

