

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014904.D
 Acq On : 28 Jul 2023 13:19
 Operator : SY/MD
 Sample : 03756-23
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 415/417-TP-4-(3-4)

Quant Time: Jul 29 03:03:58 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)

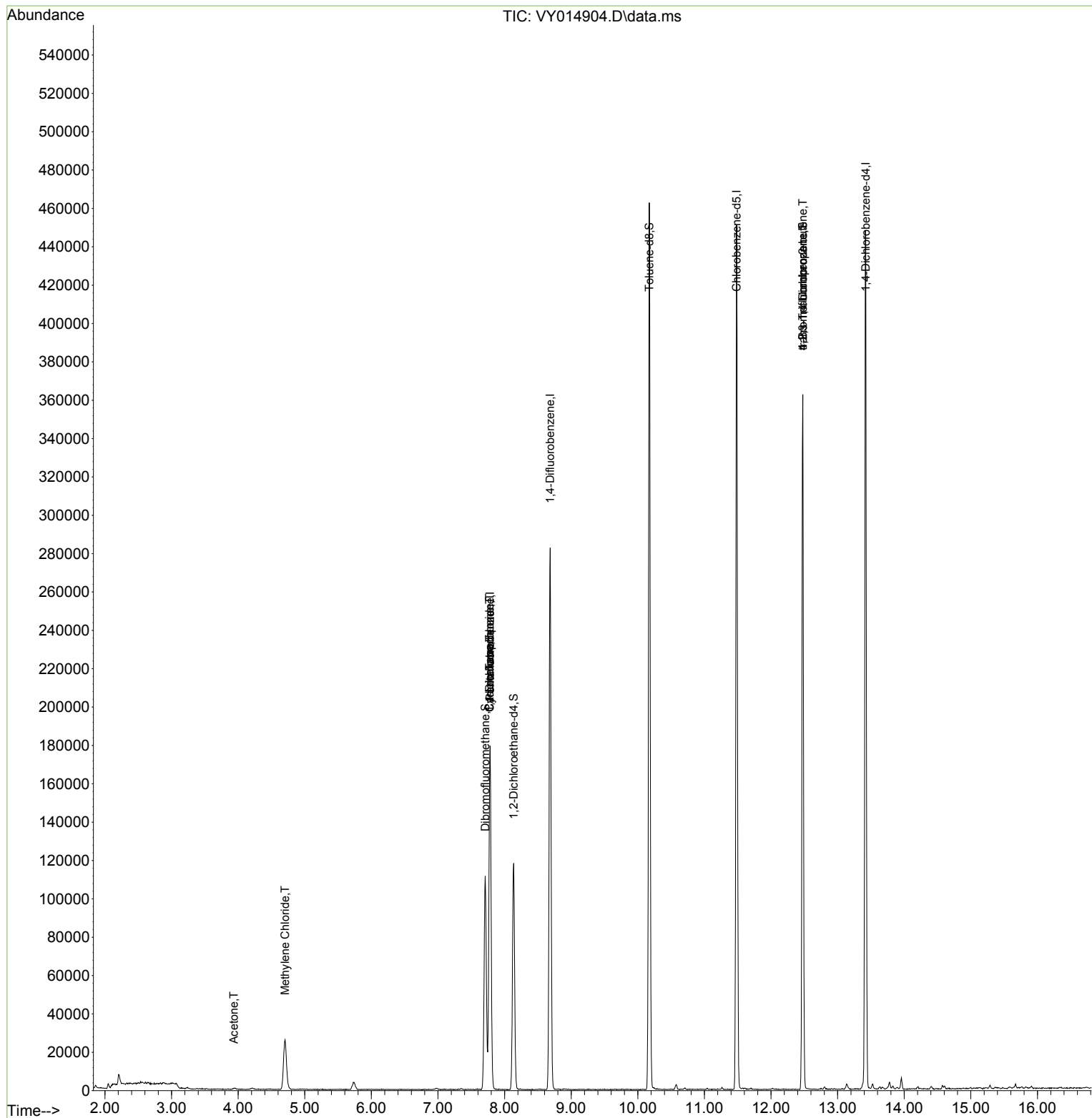
Internal Standards						
1) Pentafluorobenzene	7.783	168	138617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	239896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91723	58.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.140%	
35) Dibromofluoromethane	7.710	113	78192	50.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.173	98	293011	51.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.477	95	109546	49.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	204	Below Cal	#	89
16) Acetone	3.936	43	781	1.560	ug/l	92
20) Methylene Chloride	4.704	84	20487	9.149	ug/l	93
31) Cyclohexane	7.777	56	2913	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	11165	4.815	ug/l #	49
38) Carbon Tetrachloride	7.777	117	14050	5.732	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	57825	39.492	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	57825	76.464	ug/l #	10

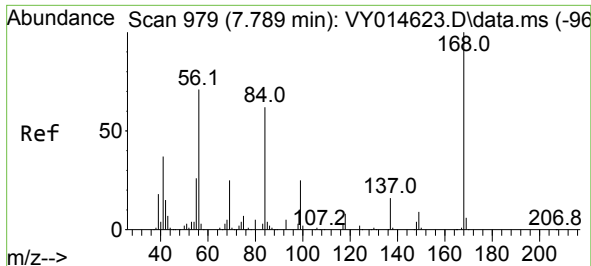
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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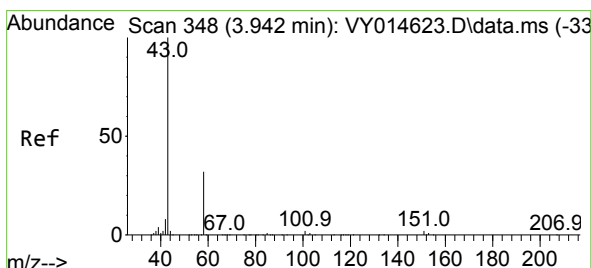
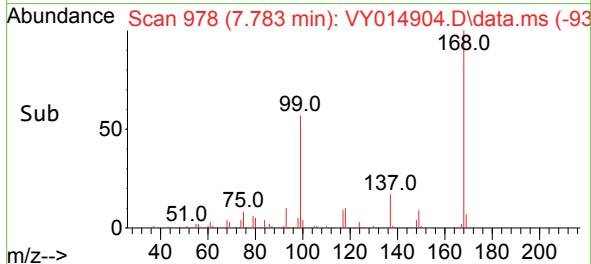
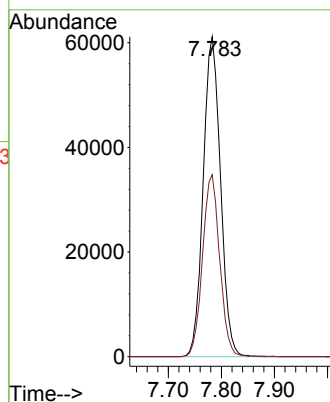
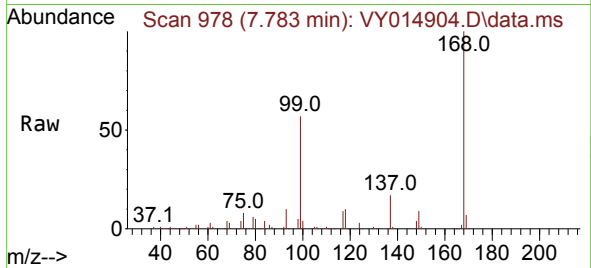




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

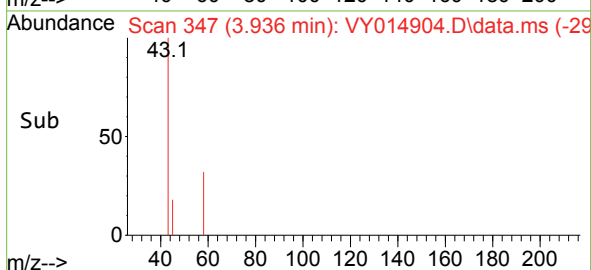
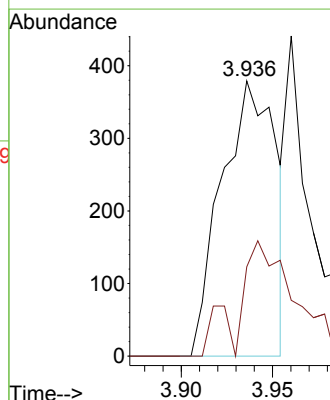
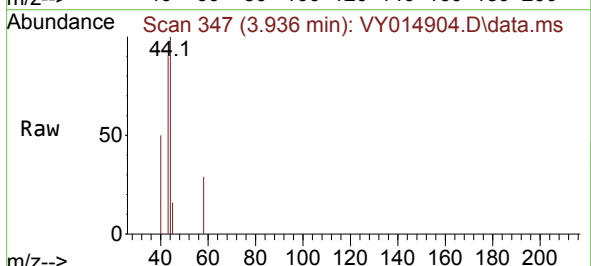
Instrument :
MSVOA_Y
ClientSampleId :
415/417-TP-4-(3-4)

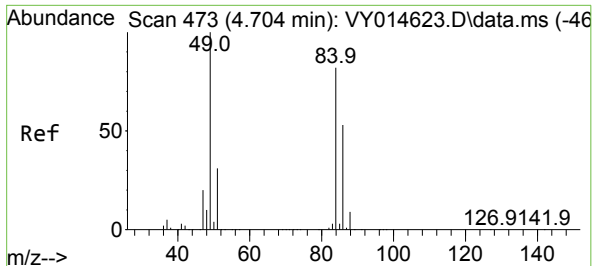
Tgt Ion:168 Resp: 138617
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#16
Acetone
Concen: 1.560 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1

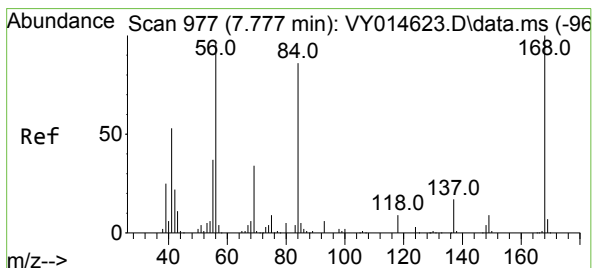
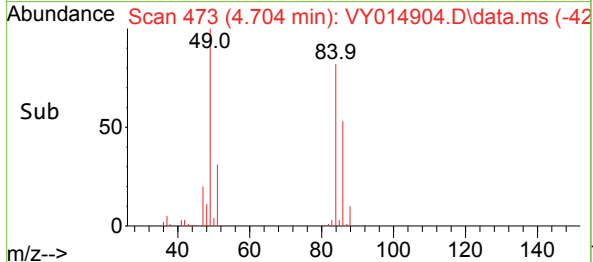
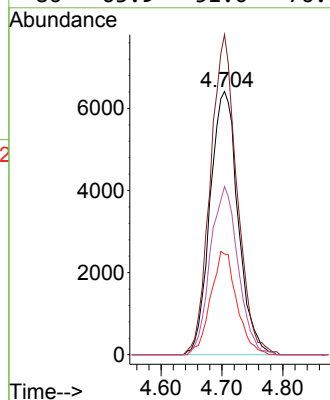
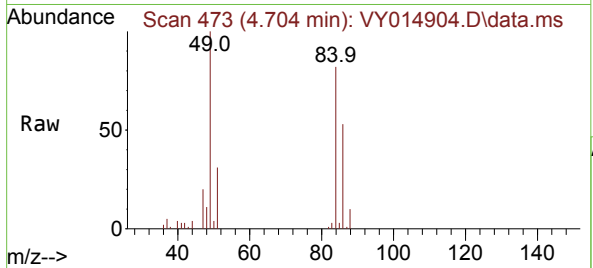




#20
Methylene Chloride
Concen: 9.149 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

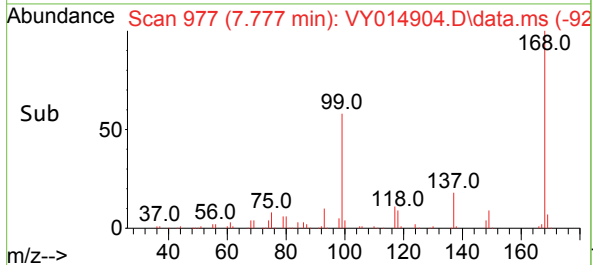
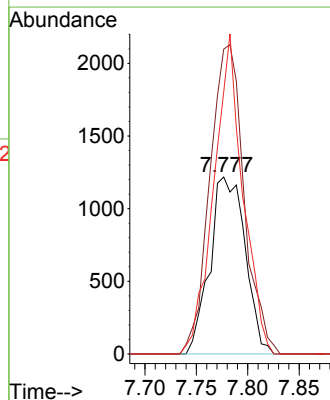
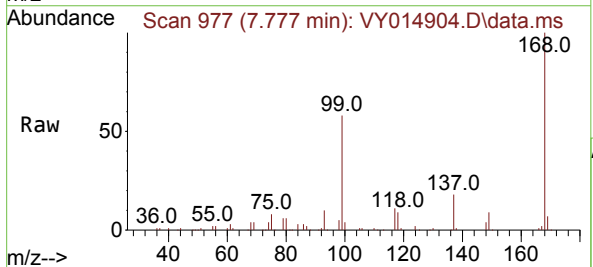
Instrument :
MSVOA_Y
ClientSampleId :
415/417-TP-4-(3-4)

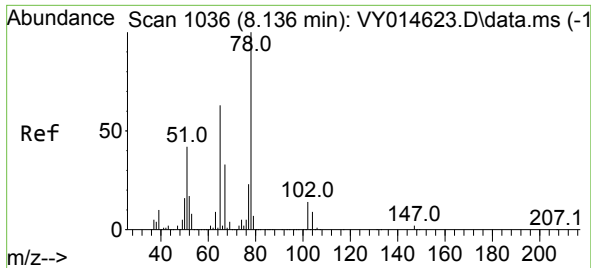
Tgt Ion:	84	Resp:	20487
Ion	Ratio	Lower	Upper
84	100		
49	121.6	106.9	160.3
51	38.3	33.2	49.8
86	63.9	51.0	76.6



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

Tgt Ion:	56	Resp:	2913
Ion	Ratio	Lower	Upper
56	100		
69	172.2	27.8	41.6#
84	148.0	66.4	99.6#

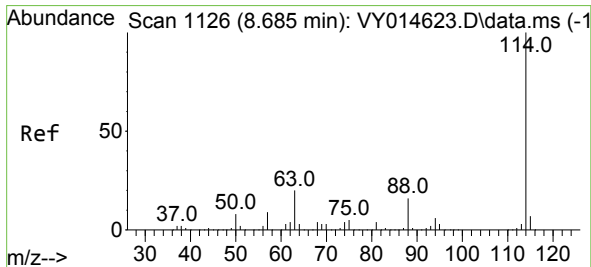
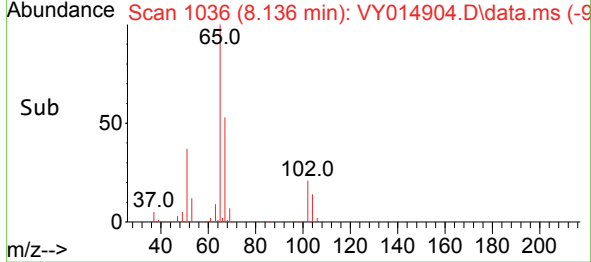
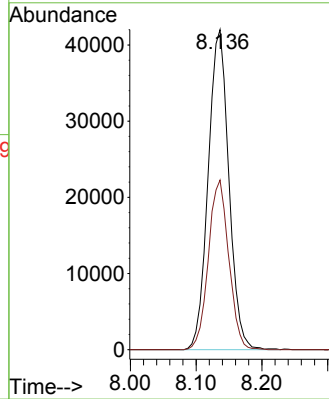
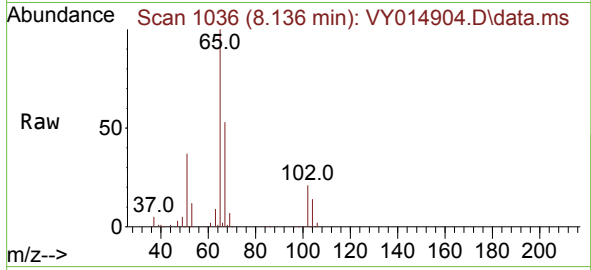




#33
 1,2-Dichloroethane-d4
 Concen: 58.067 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014904.D
 Acq: 28 Jul 2023 13:19

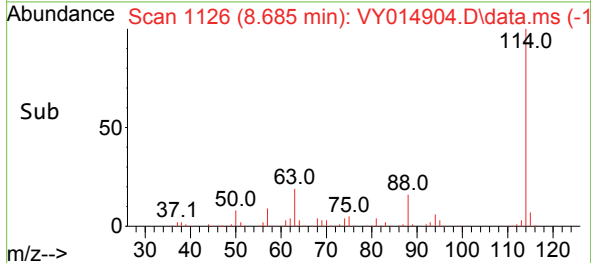
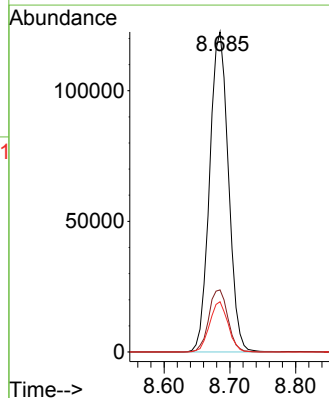
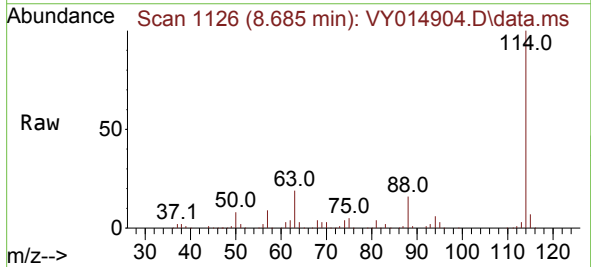
Instrument :
 MSVOA_Y
 ClientSampleId :
 415/417-TP-4-(3-4)

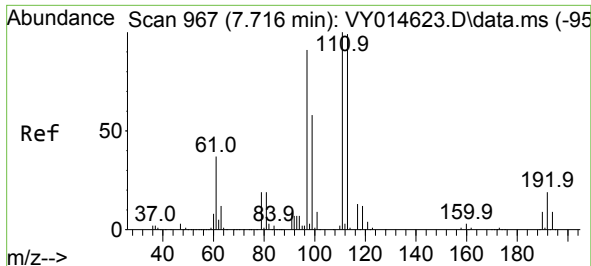
Tgt Ion: 65 Resp: 91723
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014904.D
 Acq: 28 Jul 2023 13:19

Tgt Ion: 114 Resp: 243586
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.7 0.0 30.6

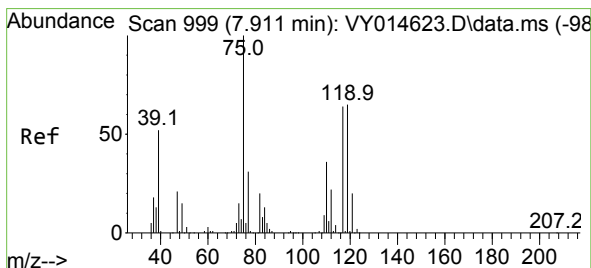
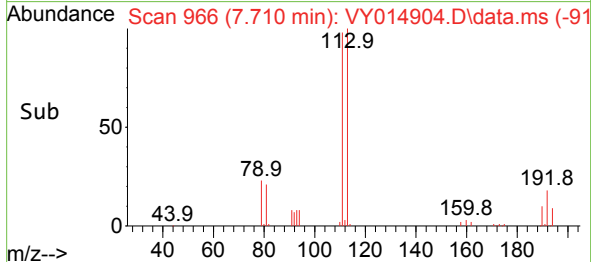
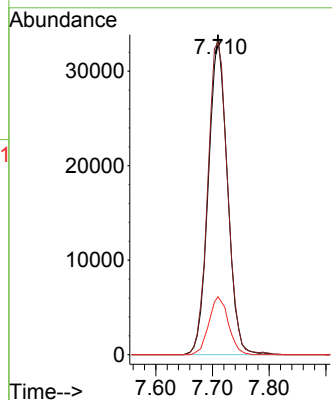
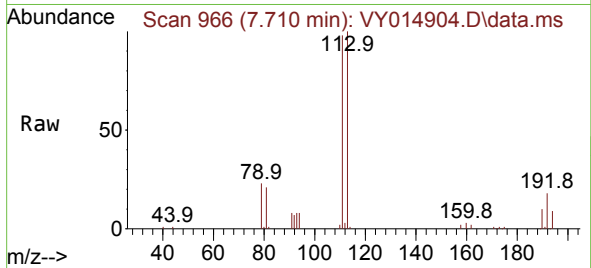




#35
Dibromofluoromethane
Concen: 50.427 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

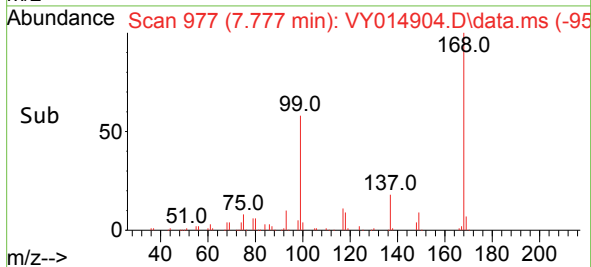
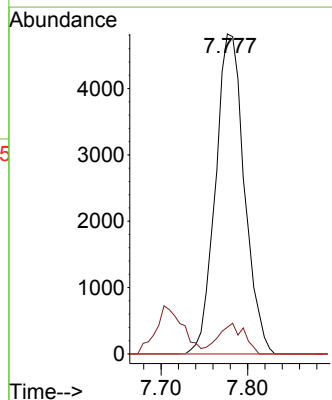
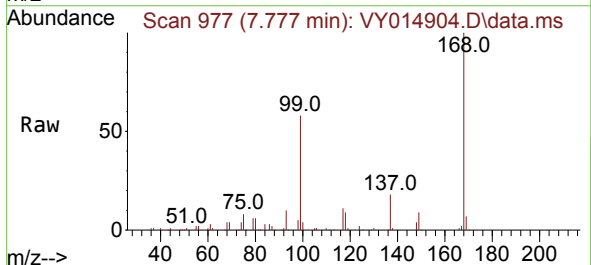
Instrument :
MSVOA_Y
ClientSampleId :
415/417-TP-4-(3-4)

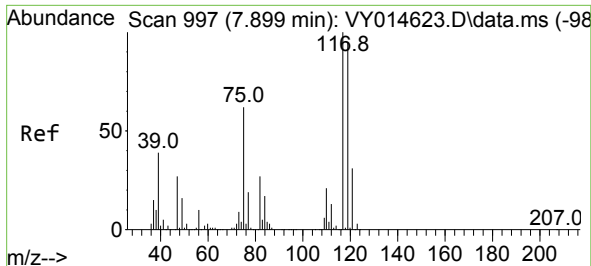
Tgt Ion:113 Resp: 78192
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.815 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

Tgt Ion: 75 Resp: 11165
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#

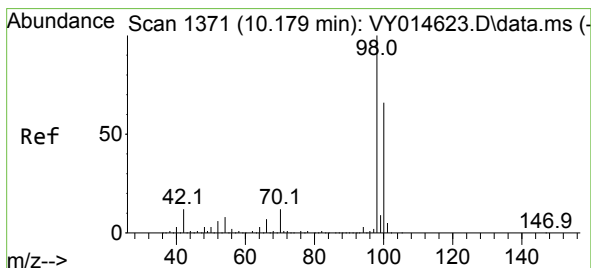
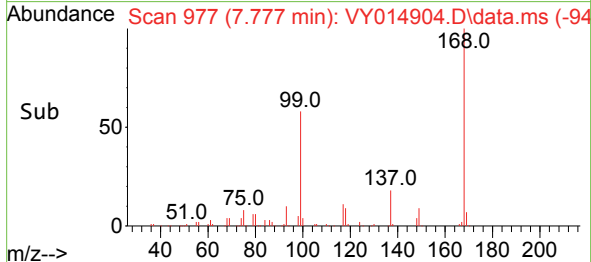
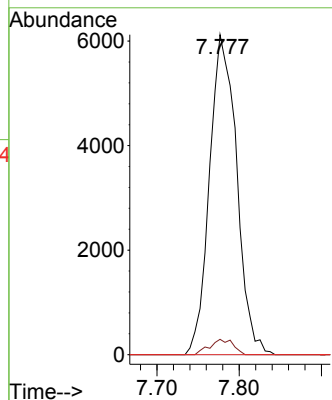
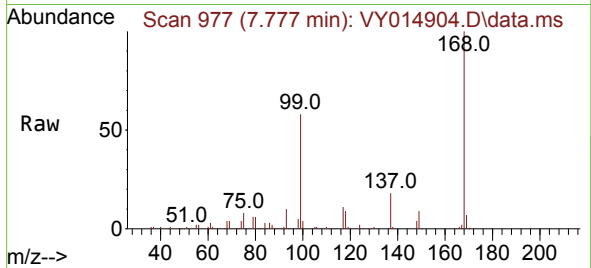




#38
Carbon Tetrachloride
Concen: 5.732 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

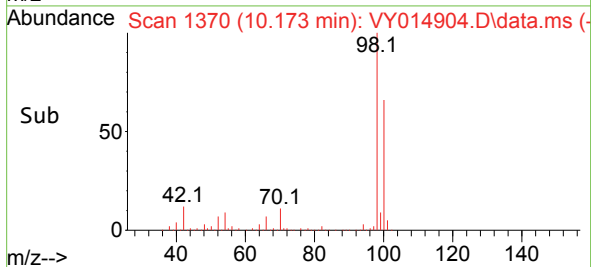
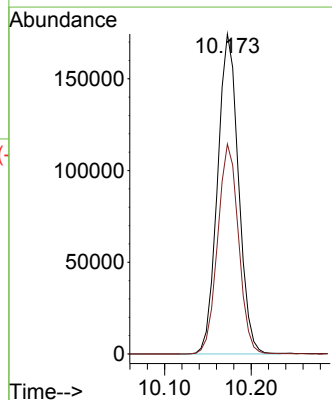
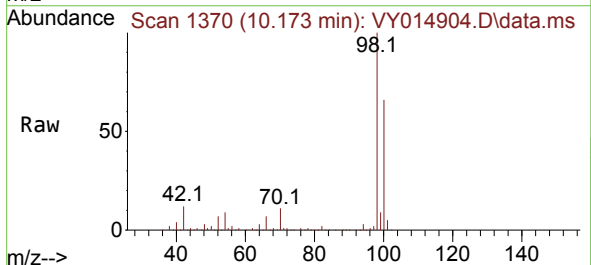
Instrument :
MSVOA_Y
ClientSampleId :
415/417-TP-4-(3-4)

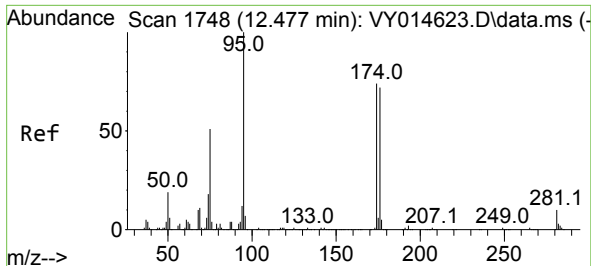
Tgt Ion:117 Resp: 14050
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.255 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

Tgt Ion: 98 Resp: 293011
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

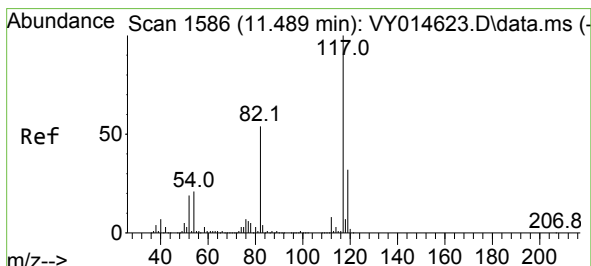
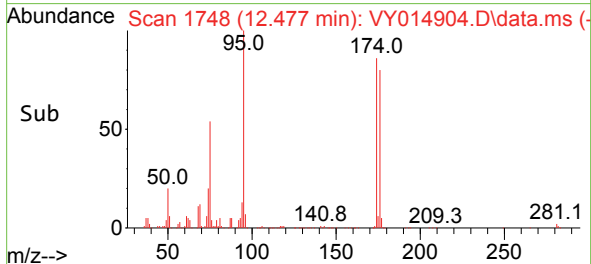
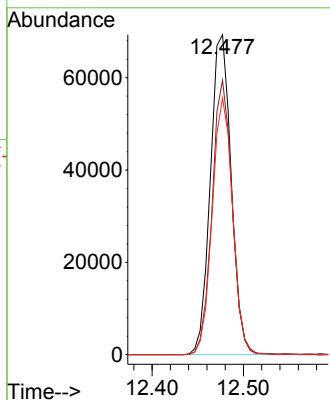
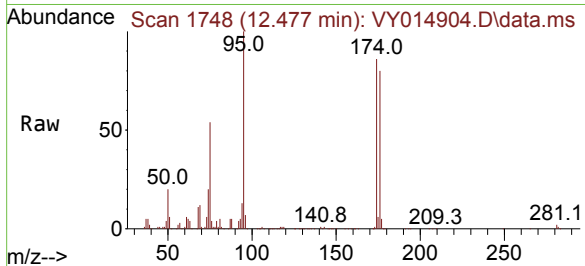




#62
4-Bromofluorobenzene
Concen: 49.975 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

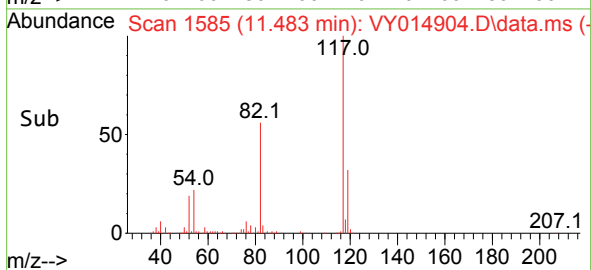
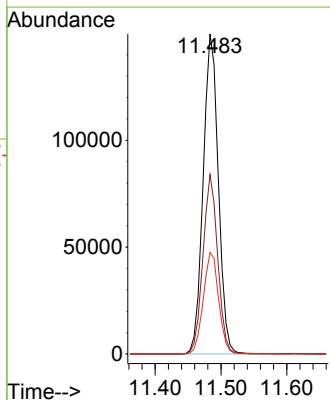
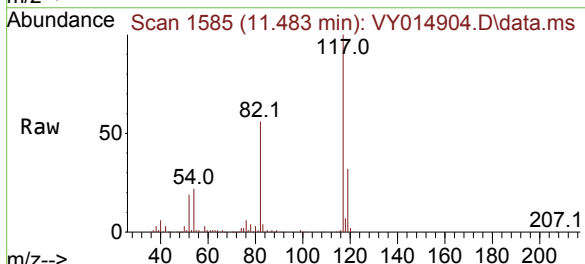
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415/417-TP-4-(3-4)

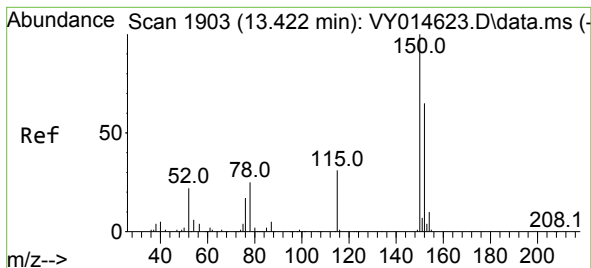
Tgt Ion: 95 Resp: 109546
Ion Ratio Lower Upper
95 100
174 83.3 0.0 178.2
176 78.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

Tgt Ion: 117 Resp: 239896
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 31.7 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: VY014904.D

Acq: 28 Jul 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

415/417-TP-4-(3-4)

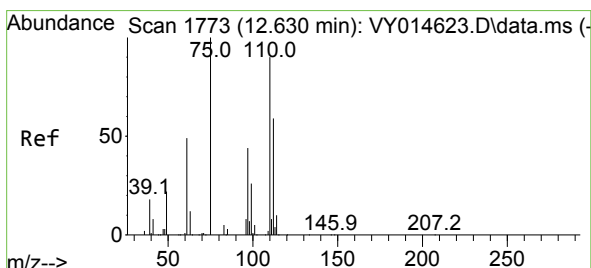
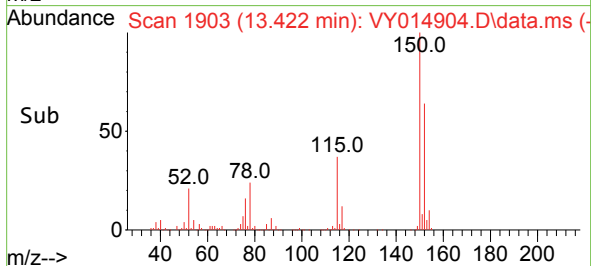
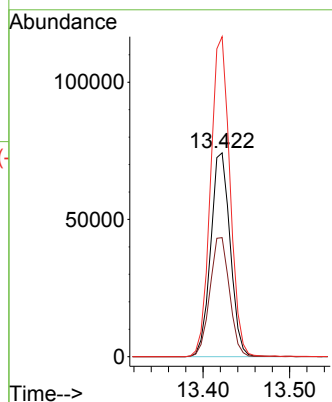
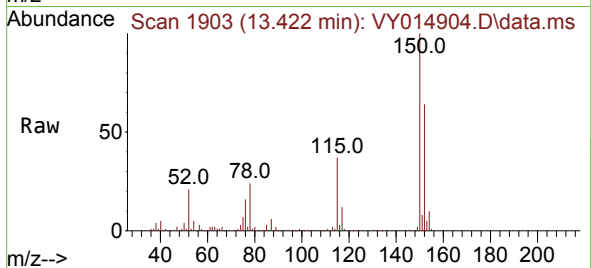
Tgt Ion:152 Resp: 115934

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 156.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 39.492 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014904.D

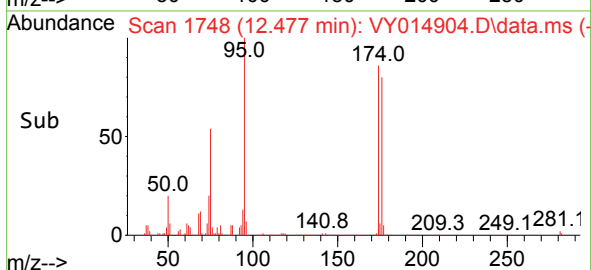
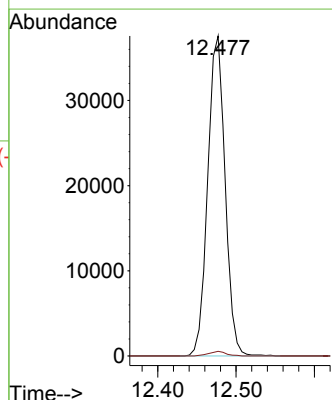
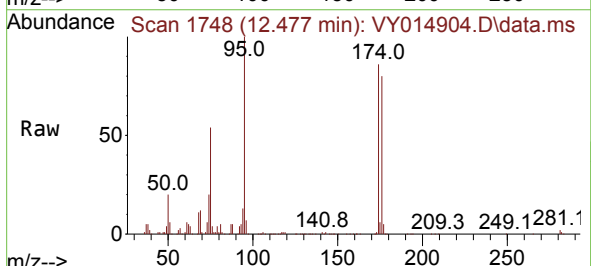
Acq: 28 Jul 2023 13:19

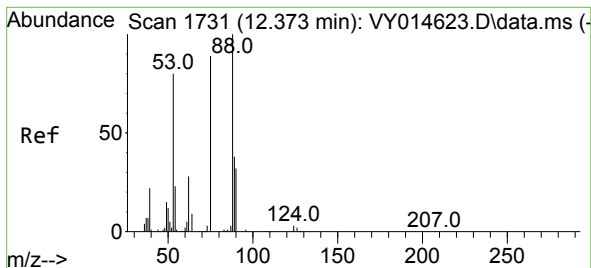
Tgt Ion: 75 Resp: 57825

Ion Ratio Lower Upper

75 100

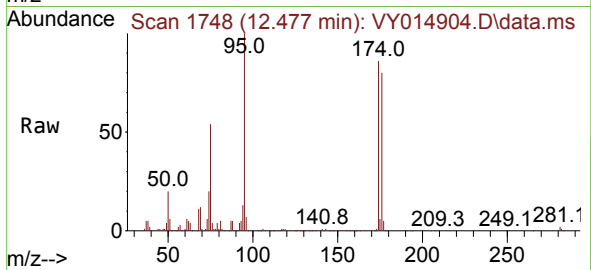
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.464 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014904.D
 Acq: 28 Jul 2023 13:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 415/417-TP-4-(3-4)



Tgt Ion: 75 Resp: 57825
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

