

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014629.D
 Acq On : 13 Jul 2023 16:02
 Operator : SY/MD
 Sample : VY0713SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBL01

Quant Time: Jul 14 04:25:38 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)

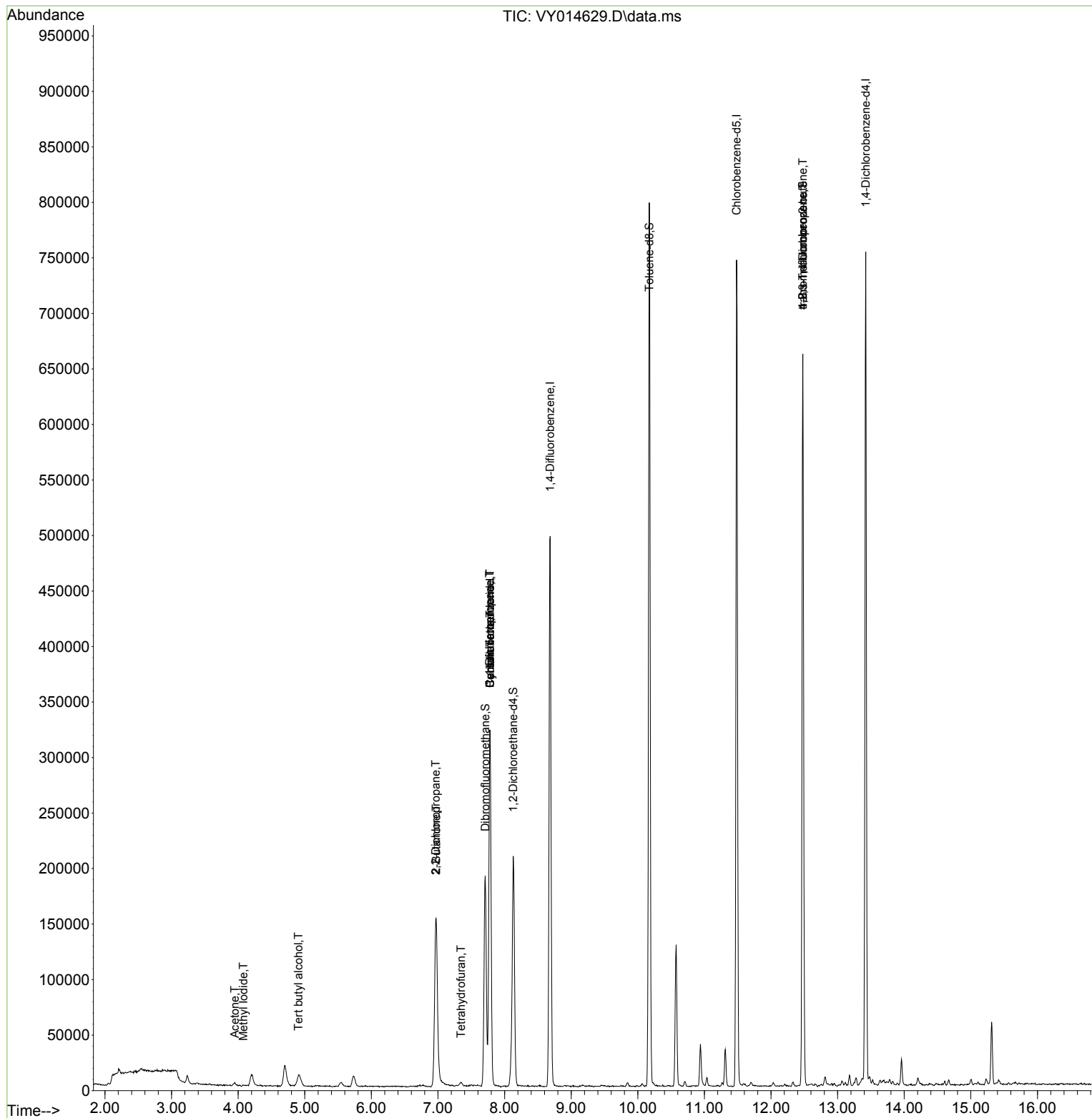
Internal Standards						
1) Pentafluorobenzene	7.783	168	253071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	438253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	399976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	151531	52.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.710	113	138012	49.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.940%	
50) Toluene-d8	10.173	98	518299	50.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	12.477	95	194855	49.408	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.820%	
Target Compounds						Qvalue
10) Methyl Iodide	4.076	142	190	2.434	ug/l #	78
11) Tert butyl alcohol	4.905	59	12199	8.609	ug/l #	92
16) Acetone	3.948	43	3705	4.054	ug/l	90
25) 2-Butanone	6.972	43	8780	6.567	ug/l #	77
26) 2,2-Dichloropropane	6.966	77	11900	2.426	ug/l #	54
29) Tetrahydrofuran	7.344	42	2607	3.167	ug/l #	83
31) Cyclohexane	7.783	56	5589	1.167	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	19118	4.582	ug/l #	52
38) Carbon Tetrachloride	7.783	117	25934	5.880	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	100945	42.591	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	100945	82.464	ug/l #	11

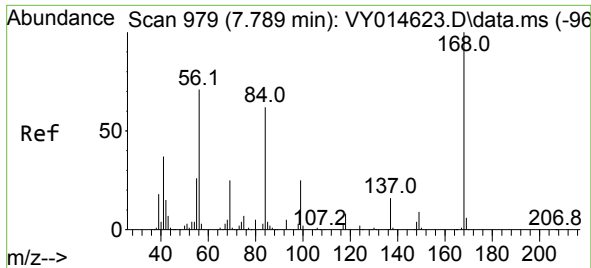
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
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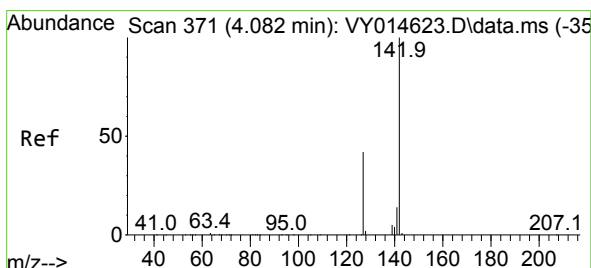
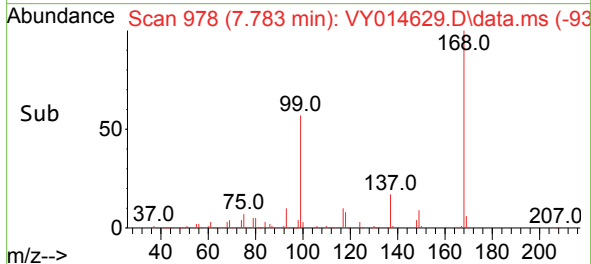
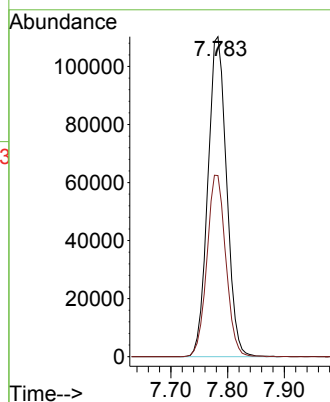
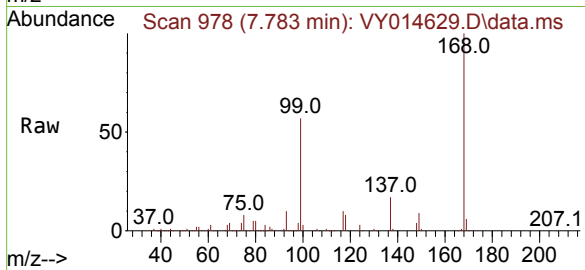




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

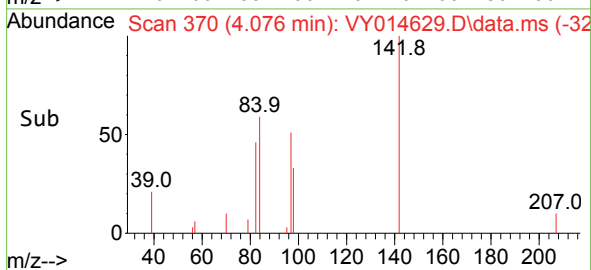
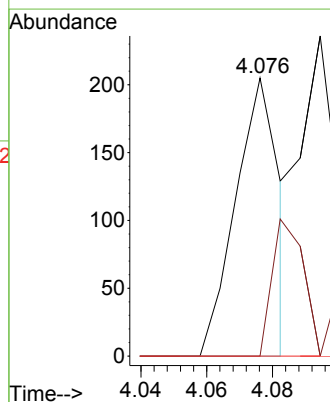
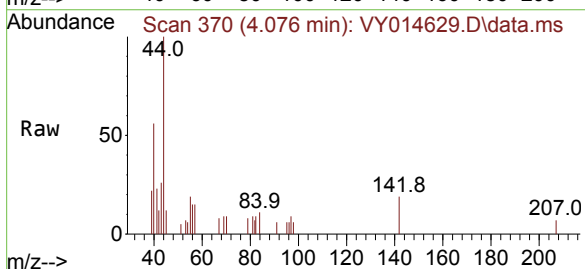
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

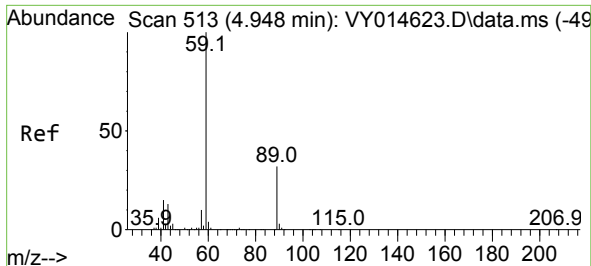
Tgt Ion:168 Resp: 253071
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.434 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

Tgt Ion:142 Resp: 190
Ion Ratio Lower Upper
142 100
127 35.3 37.6 56.4#
141 0.0 11.8 17.8#

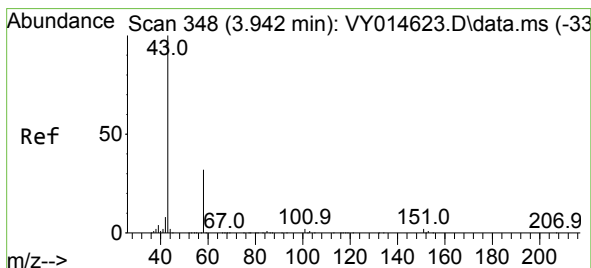
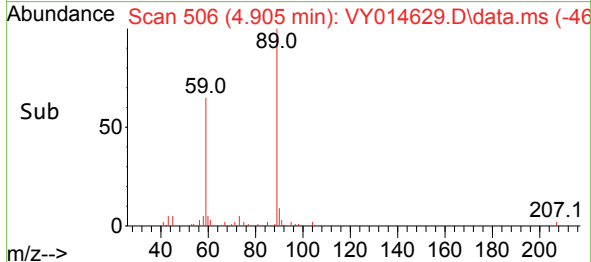
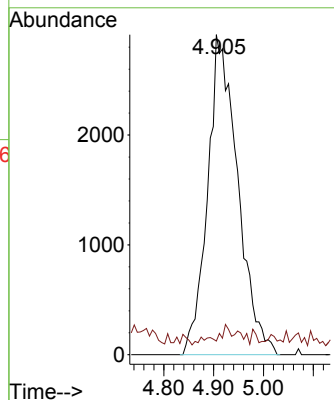
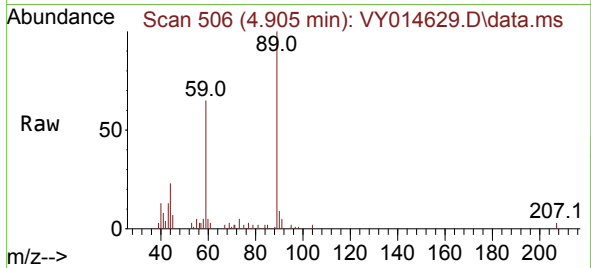




#11
Tert butyl alcohol
Concen: 8.609 ug/l
RT: 4.905 min Scan# 50
Delta R.T. -0.043 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

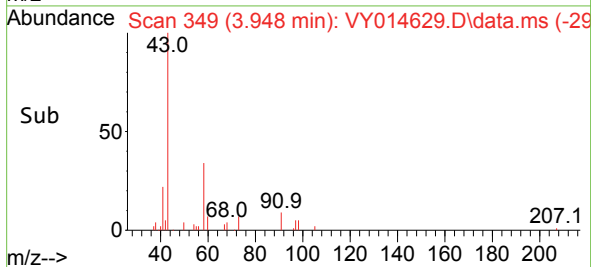
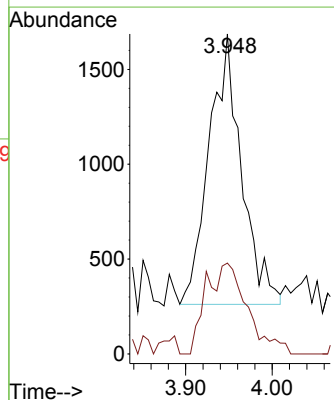
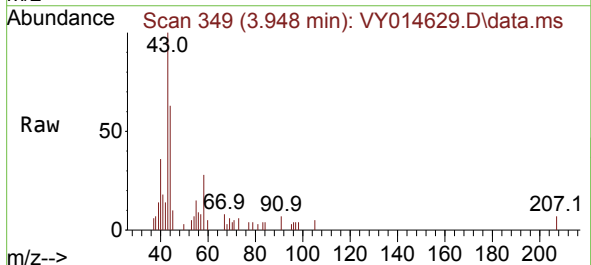
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

Tgt Ion: 59 Resp: 12199
Ion Ratio Lower Upper
59 100
57 1.2 3.0 4.4#



#16
Acetone
Concen: 4.054 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

Tgt Ion: 43 Resp: 3705
Ion Ratio Lower Upper
43 100
58 33.6 22.7 34.1

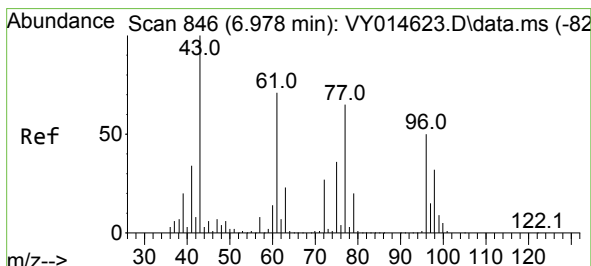
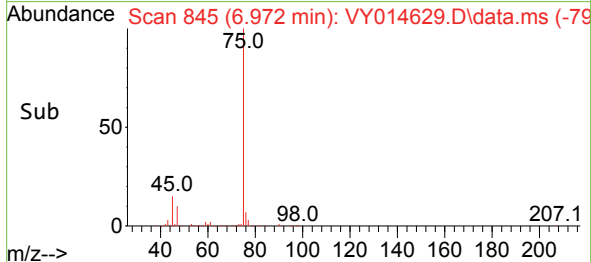
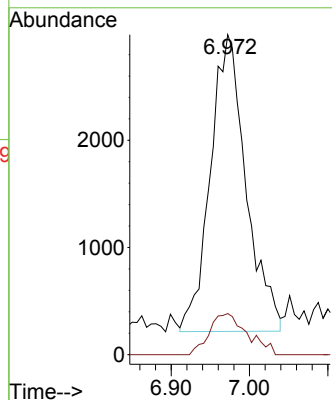
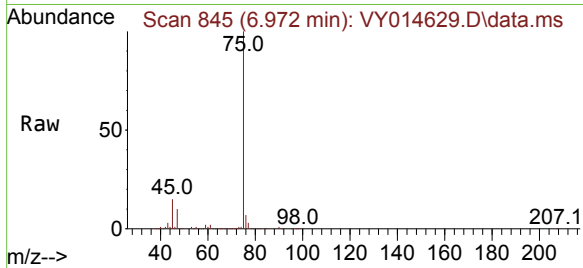




#25
2-Butanone
Concen: 6.567 ug/l
RT: 6.972 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

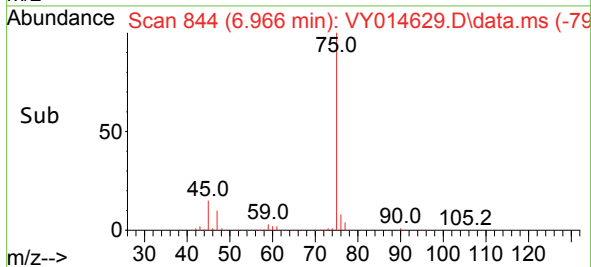
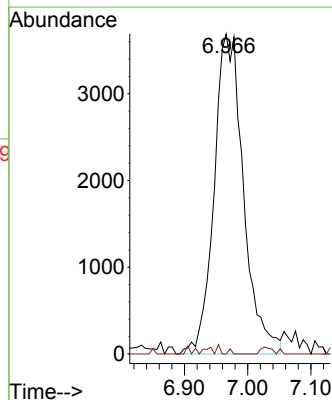
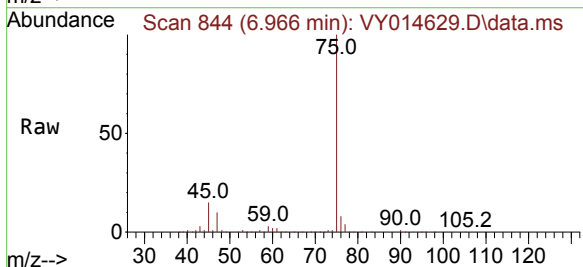
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

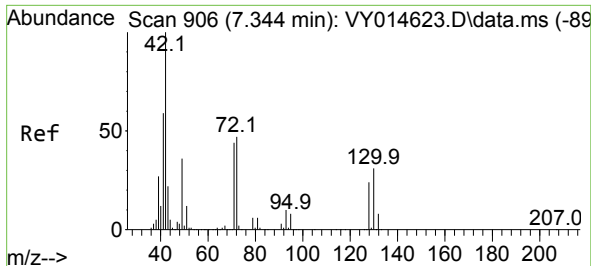
Tgt Ion: 43 Resp: 8780
Ion Ratio Lower Upper
43 100
72 14.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.426 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

Tgt Ion: 77 Resp: 11900
Ion Ratio Lower Upper
77 100
97 0.2 10.9 32.9#





#29

Tetrahydrofuran

Concen: 3.167 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014629.D

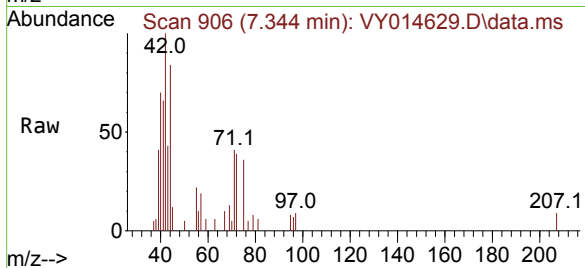
Acq: 13 Jul 2023 16:02

Instrument :

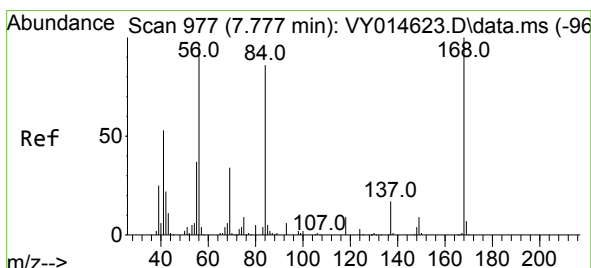
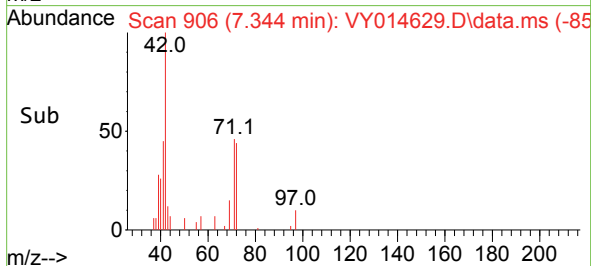
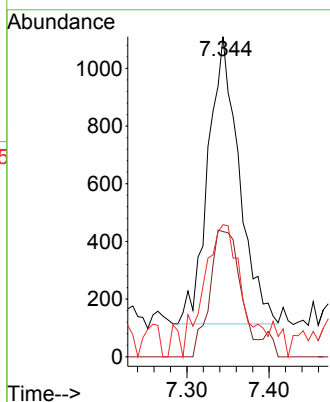
MSVOA_Y

ClientSampleId :

VY0713SBL01



Tgt Ion:	42	Resp:	2607
Ion	Ratio	Lower	Upper
42	100		
72	43.8	32.8	49.2
71	57.1	31.0	46.4



#31

Cyclohexane

Concen: 1.167 ug/l

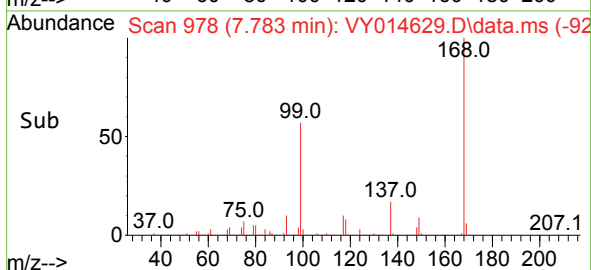
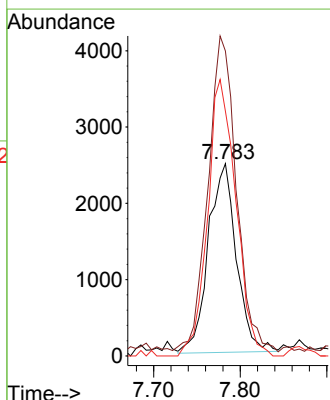
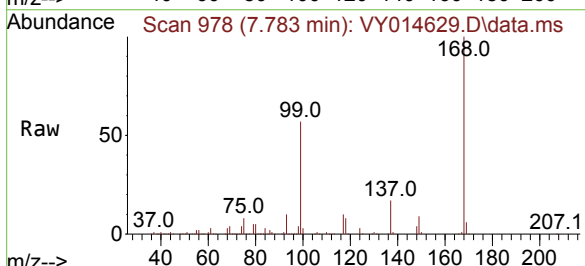
RT: 7.783 min Scan# 978

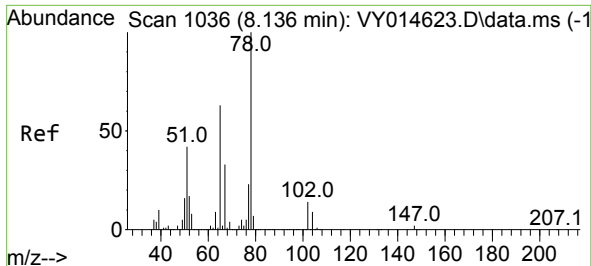
Delta R.T. 0.006 min

Lab File: VY014629.D

Acq: 13 Jul 2023 16:02

Tgt Ion:	56	Resp:	5589
Ion	Ratio	Lower	Upper
56	100		
69	160.2	27.8	41.6
84	130.4	66.4	99.6





#33

1,2-Dichloroethane-d4

Concen: 52.545 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014629.D

Acq: 13 Jul 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

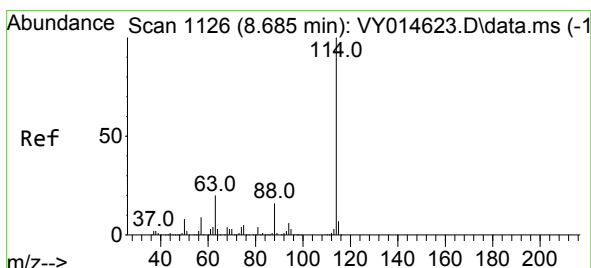
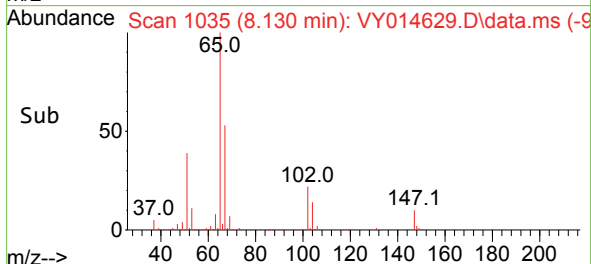
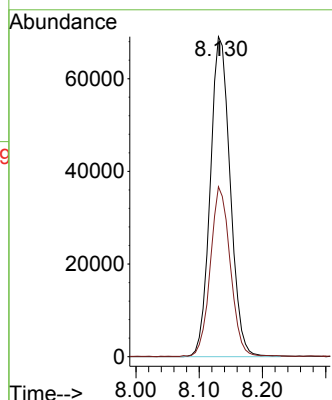
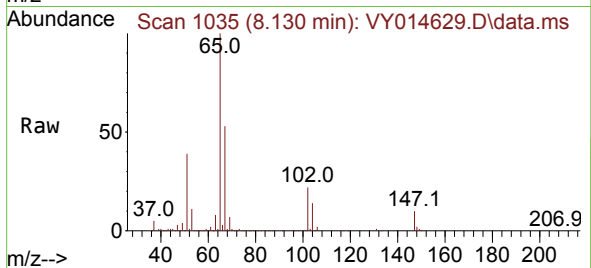
VY0713SBL01

Tgt Ion: 65 Resp: 151531

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: VY014629.D

Acq: 13 Jul 2023 16:02

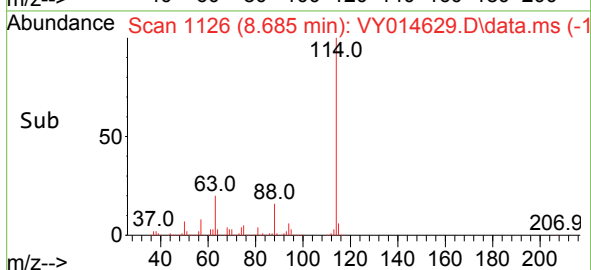
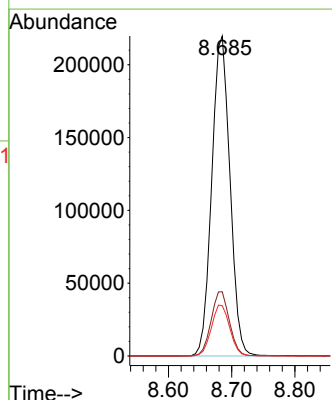
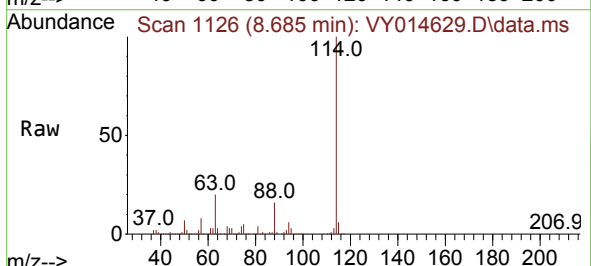
Tgt Ion:114 Resp: 438253

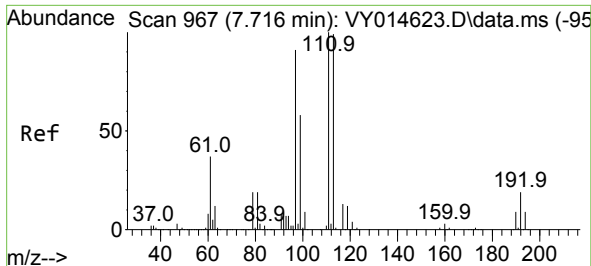
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.7 0.0 30.6

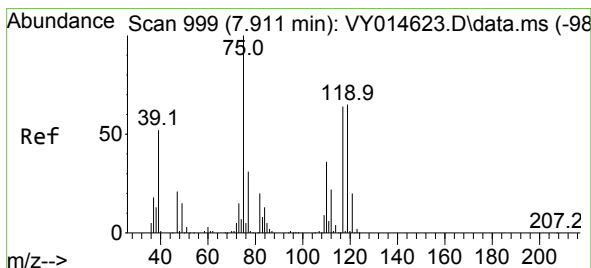
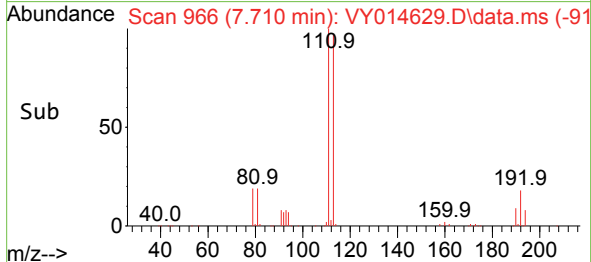
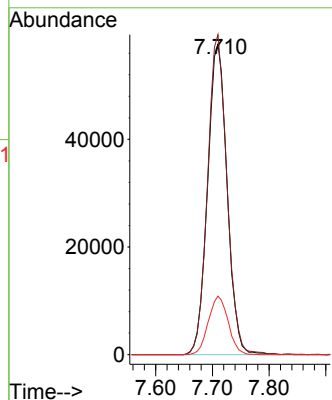
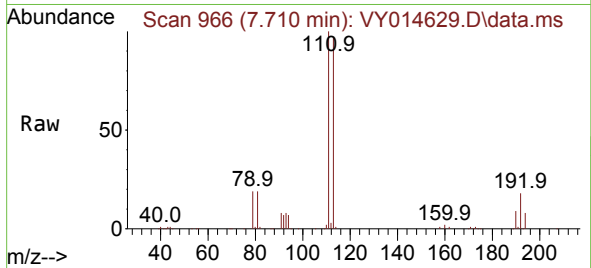




#35
Dibromofluoromethane
Concen: 49.470 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

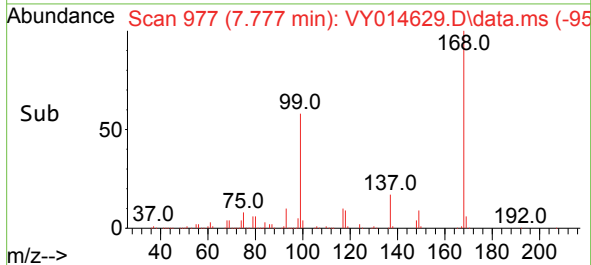
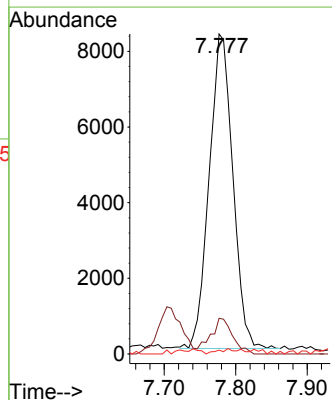
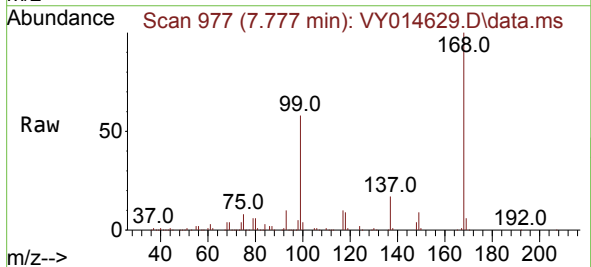
Instrument :
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VY0713SBL01

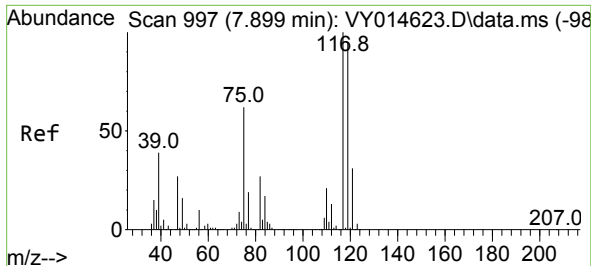
Tgt Ion:113 Resp: 138012
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.582 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

Tgt Ion: 75 Resp: 19118
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.5#
77 1.1 24.4 36.6#

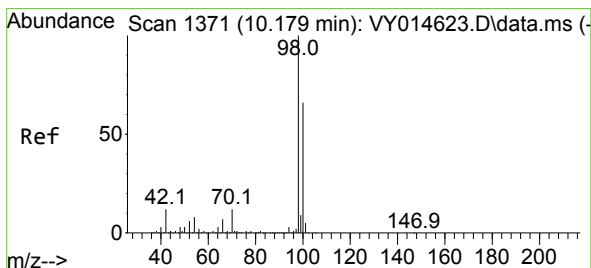
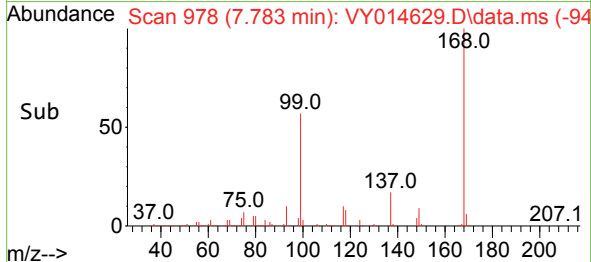
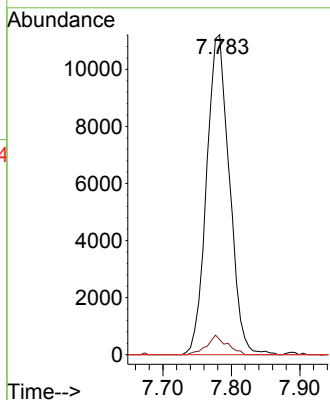
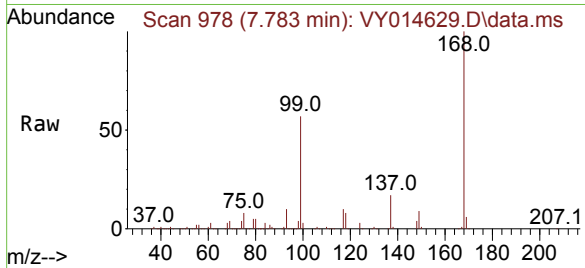




#38
Carbon Tetrachloride
Concen: 5.880 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

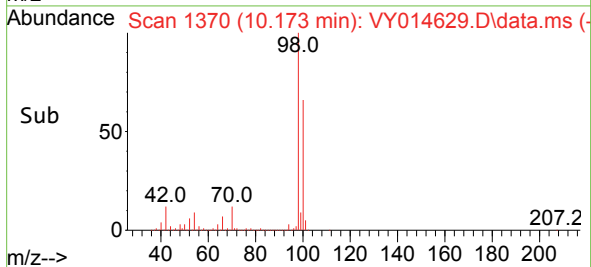
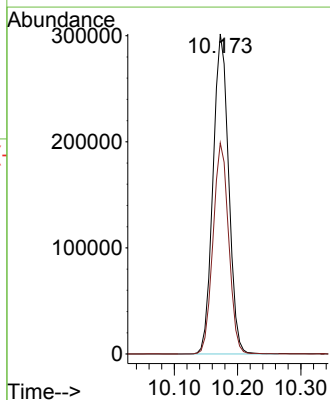
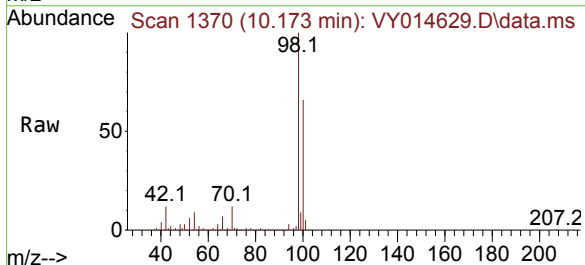
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

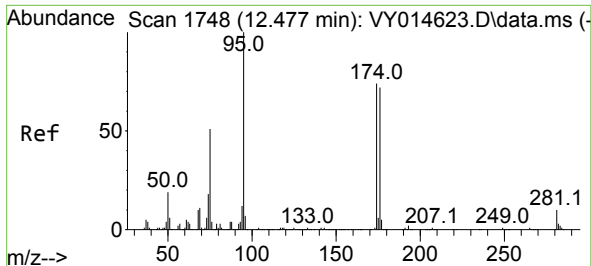
Tgt Ion:117 Resp: 25934
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.391 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

Tgt Ion: 98 Resp: 518299
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

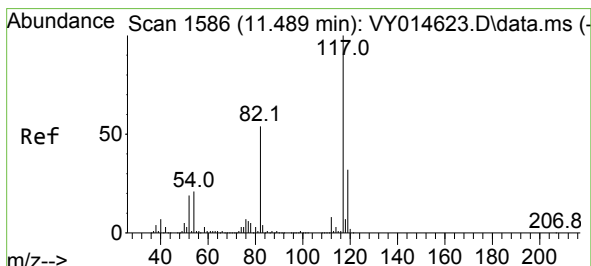
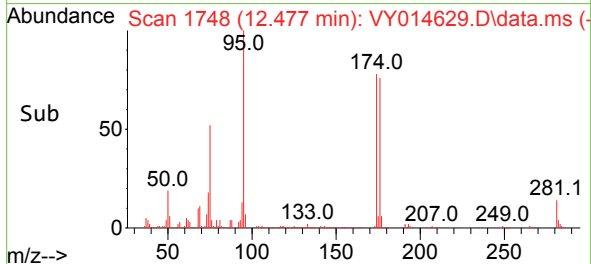
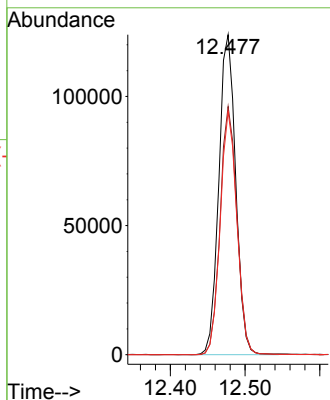
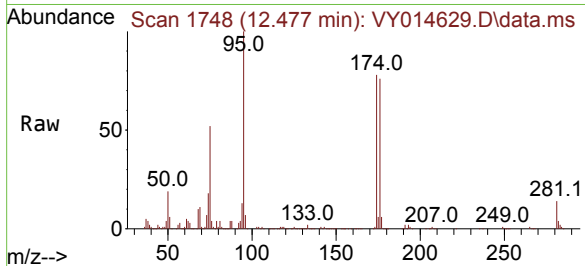




#62
4-Bromofluorobenzene
Concen: 49.408 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

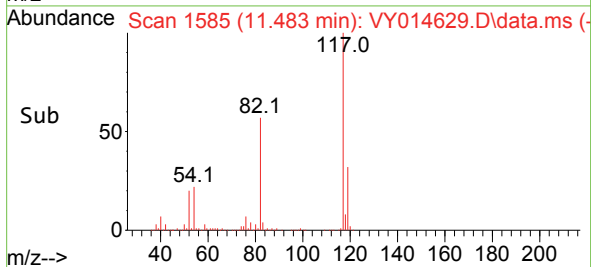
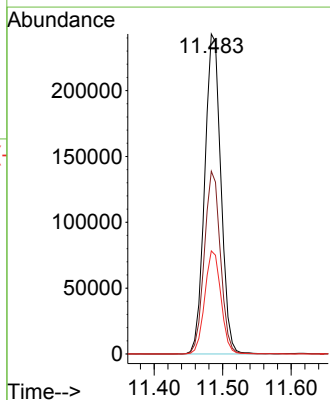
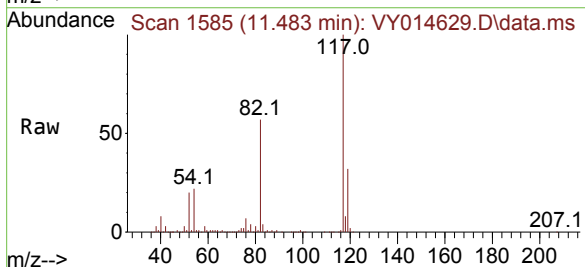
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

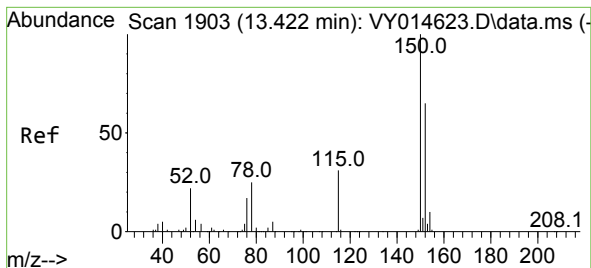
Tgt Ion: 95 Resp: 194855
Ion Ratio Lower Upper
95 100
174 77.4 0.0 178.2
176 75.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

Tgt Ion: 117 Resp: 399976
Ion Ratio Lower Upper
117 100
82 57.1 43.4 65.0
119 32.2 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: VY014629.D

Acq: 13 Jul 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBL01

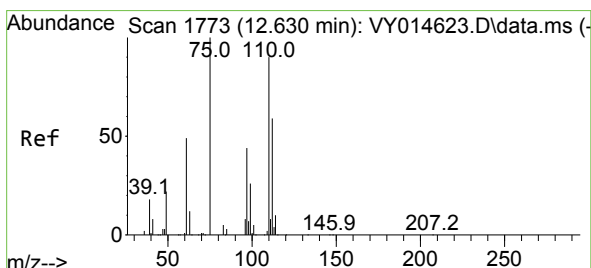
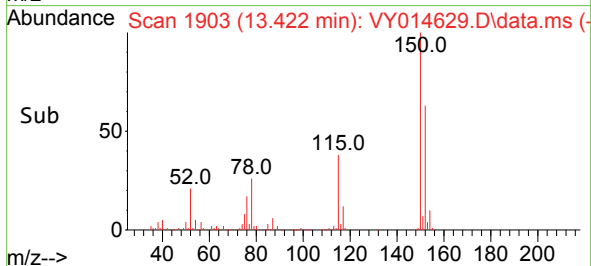
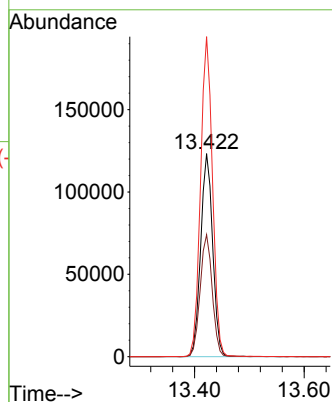
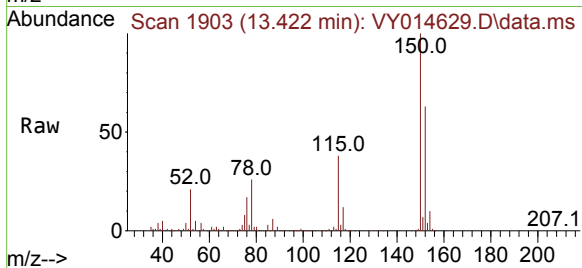
Tgt Ion:152 Resp: 187661

Ion Ratio Lower Upper

152 100

115 60.6 28.8 86.5

150 157.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 42.591 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014629.D

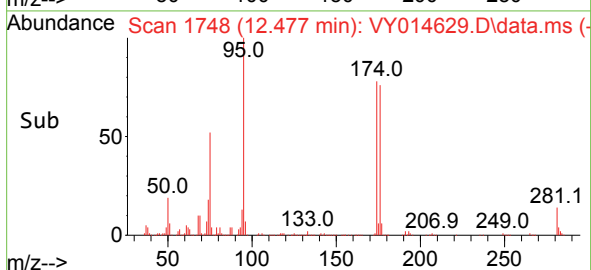
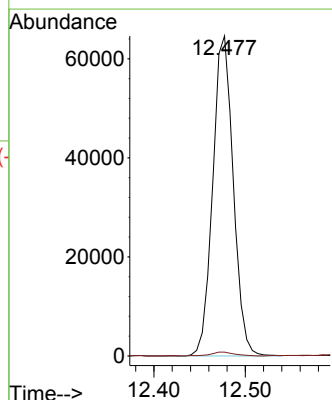
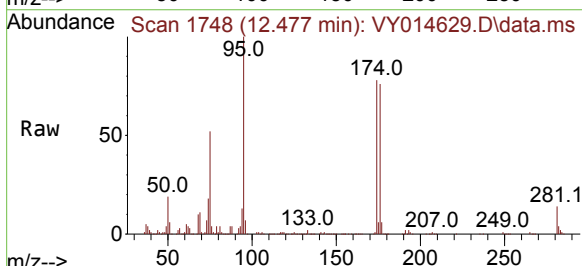
Acq: 13 Jul 2023 16:02

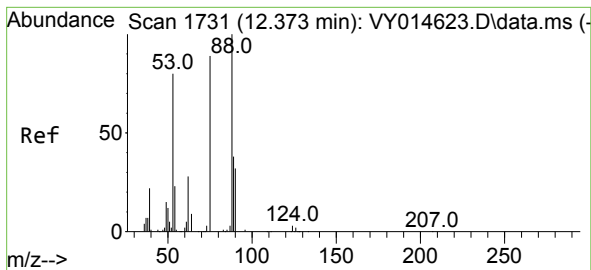
Tgt Ion: 75 Resp: 100945

Ion Ratio Lower Upper

75 100

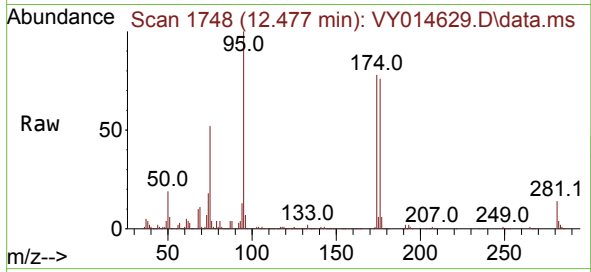
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.464 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014629.D
 Acq: 13 Jul 2023 16:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBL01



Tgt Ion: 75 Resp: 100945
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.1 37.4 56.0#

