

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014742.D
 Acq On : 21 Jul 2023 13:21
 Operator : SY/MD
 Sample : 03662-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUR-1276RE

Quant Time: Jul 22 06:30:28 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)

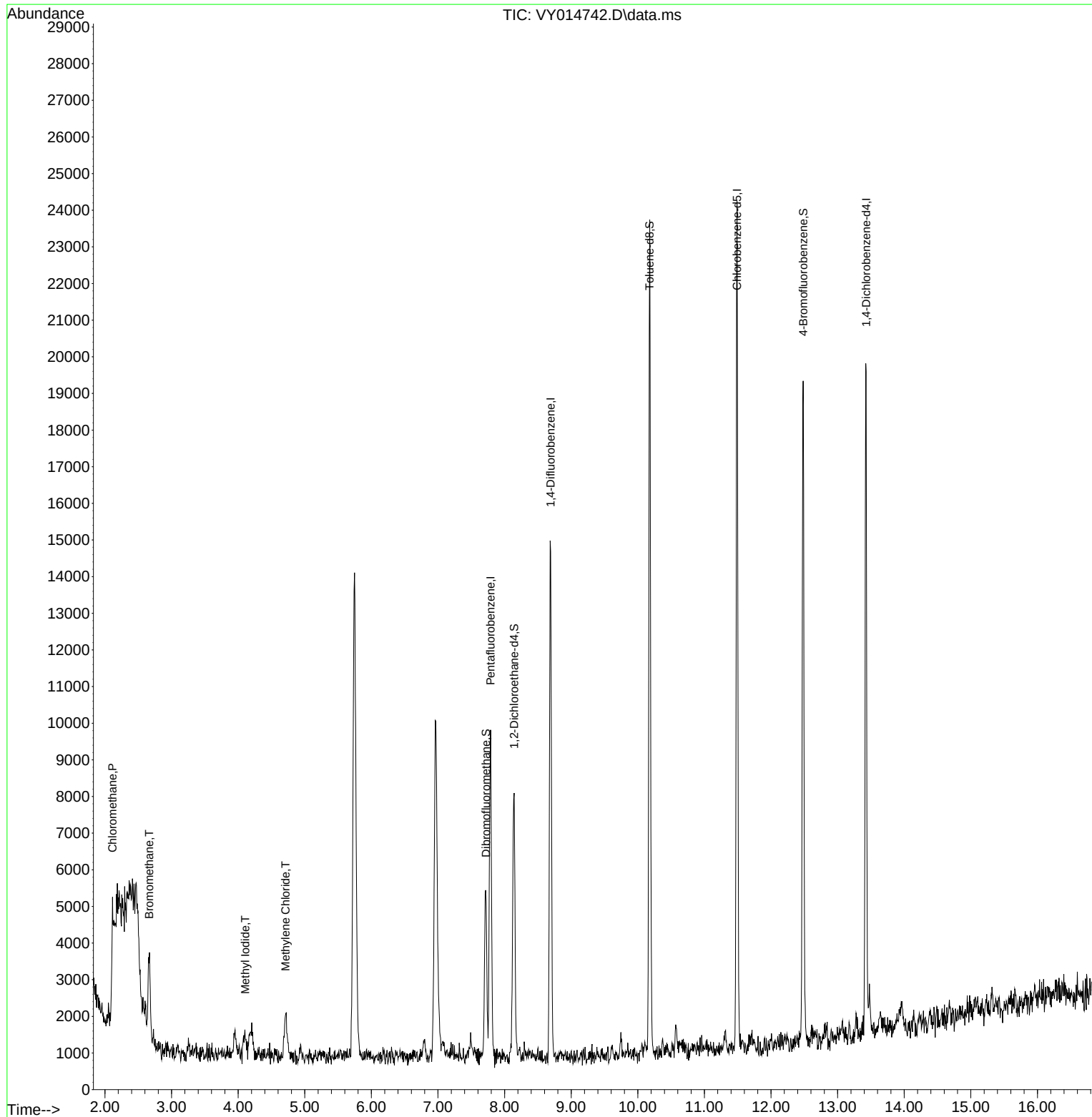
Internal Standards						
1) Pentafluorobenzene	7.789	168	6771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5820	75.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.860%
35) Dibromofluoromethane	7.722	113	3472	42.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.500%
50) Toluene-d8	10.179	98	15166	50.651	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.300%
62) 4-Bromofluorobenzene	12.483	95	5837	50.841	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.680%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1054	16.997	ug/l	89
5) Bromomethane	2.662	94	1353	29.542	ug/l	85
10) Methyl Iodide	4.107	142	1148	16.830	ug/l #	93
20) Methylene Chloride	4.710	84	874	7.406	ug/l #	82

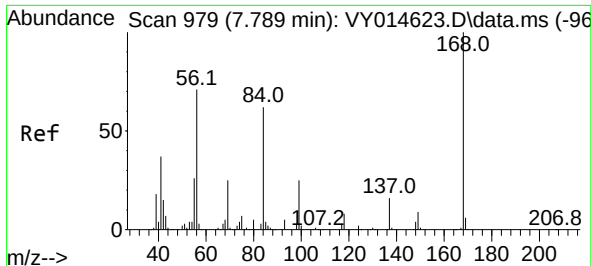
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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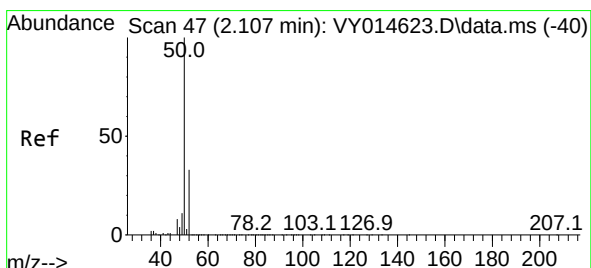
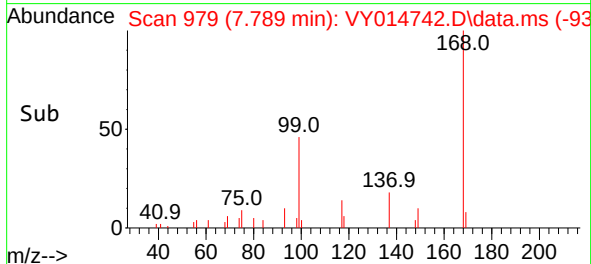
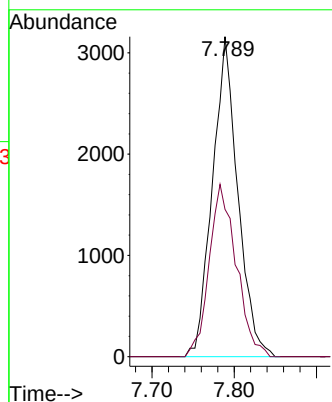
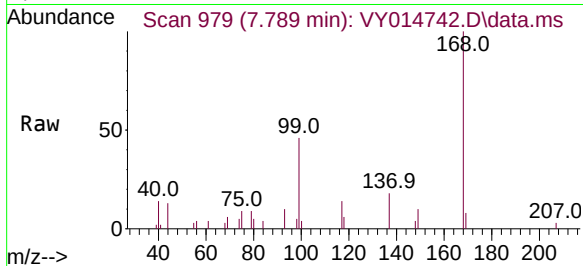




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014742.D
Acq: 21 Jul 2023 13:21

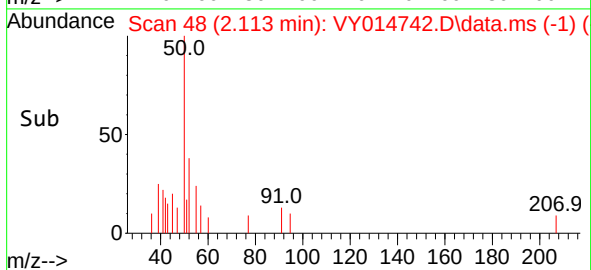
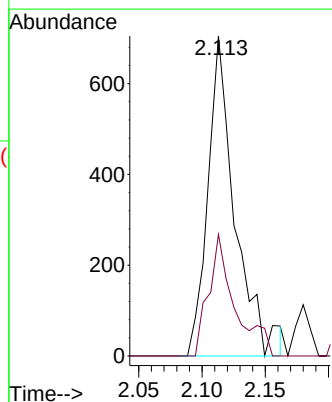
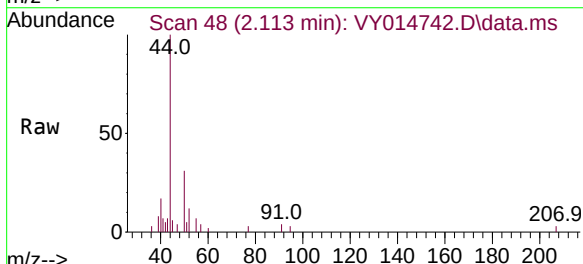
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276RE

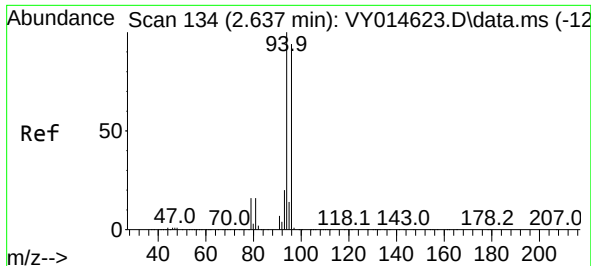
Tgt Ion:168 Resp: 6771
Ion Ratio Lower Upper
168 100
99 46.0 43.4 65.0



#3
Chloromethane
Concen: 16.997 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014742.D
Acq: 21 Jul 2023 13:21

Tgt Ion: 50 Resp: 1054
Ion Ratio Lower Upper
50 100
52 38.0 25.4 38.2

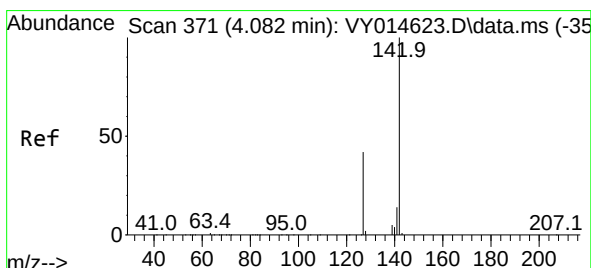
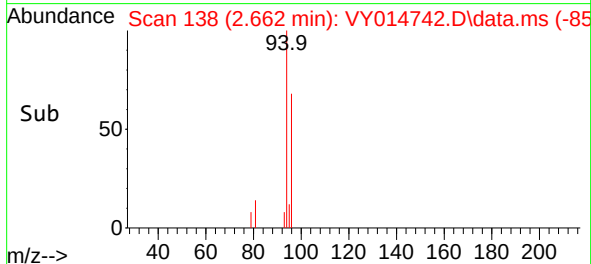
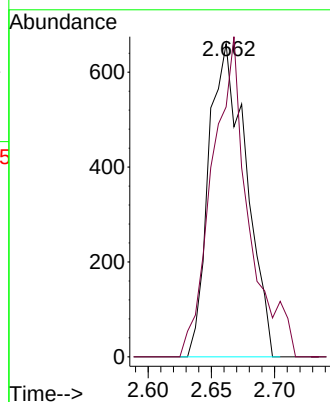
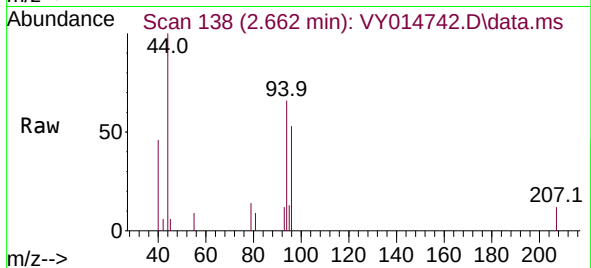




#5
Bromomethane
Concen: 29.542 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY014742.D
Acq: 21 Jul 2023 13:21

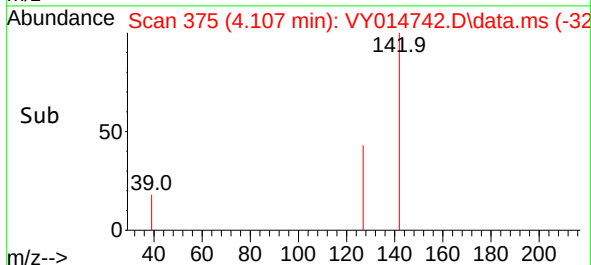
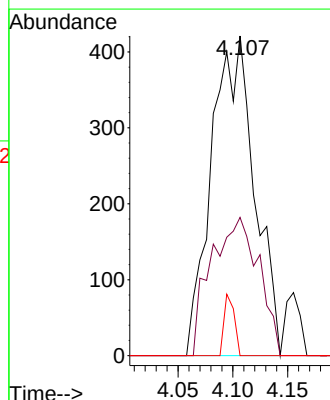
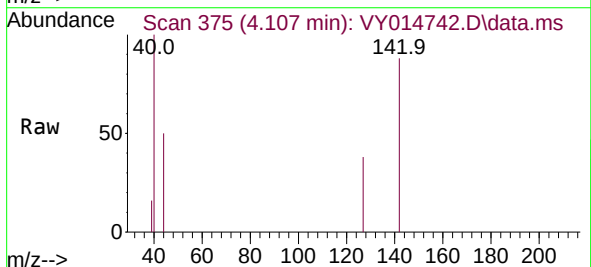
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1276RE

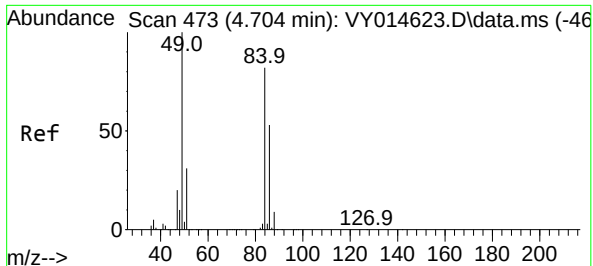
Tgt Ion: 94 Resp: 1353
Ion Ratio Lower Upper
94 100
96 79.8 75.8 113.6



#10
Methyl Iodide
Concen: 16.830 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.025 min
Lab File: VY014742.D
Acq: 21 Jul 2023 13:21

Tgt Ion:142 Resp: 1148
Ion Ratio Lower Upper
142 100
127 48.0 37.6 56.4
141 4.5 11.8 17.8#





#20

Methylene Chloride

Concen: 7.406 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY014742.D

Acq: 21 Jul 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

BUR-1276RE

Tgt Ion: 84 Resp: 874

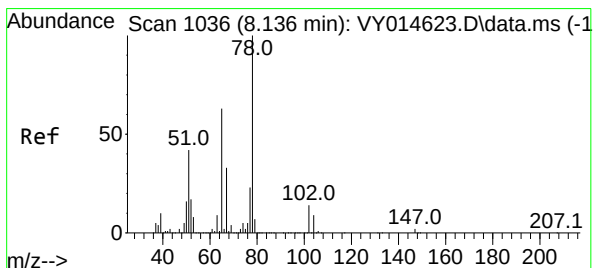
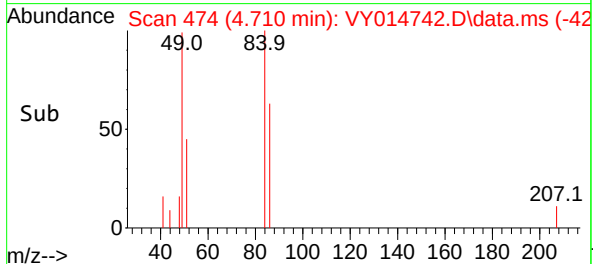
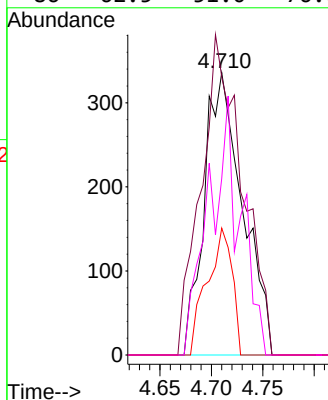
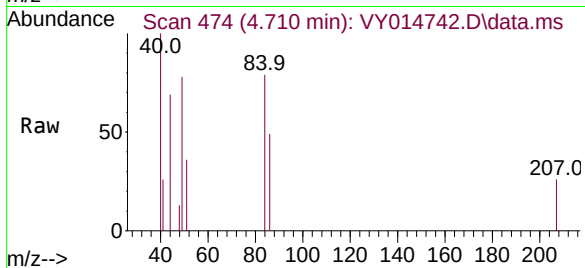
Ion Ratio Lower Upper

84 100

49 98.5 106.9 160.3#

51 44.9 33.2 49.8

86 62.5 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 75.429 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY014742.D

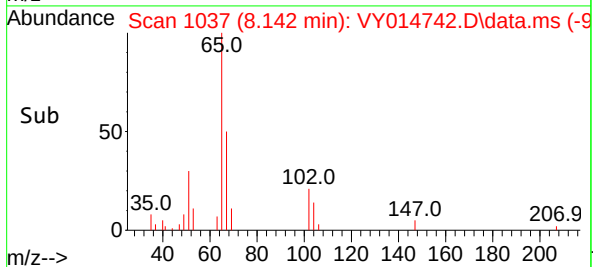
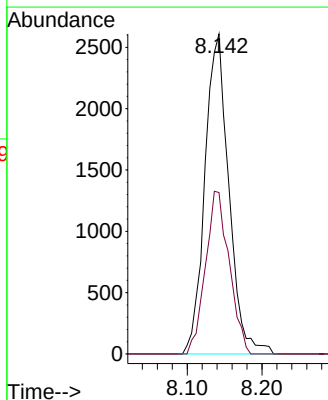
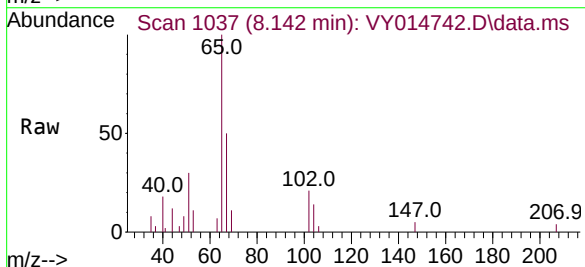
Acq: 21 Jul 2023 13:21

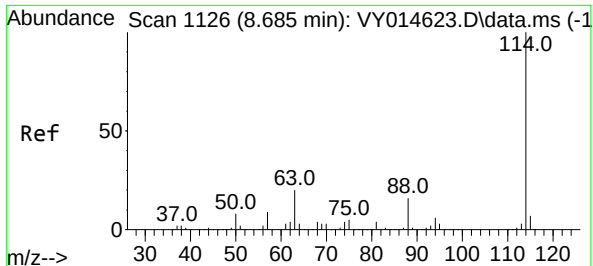
Tgt Ion: 65 Resp: 5820

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014742.D

Acq: 21 Jul 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

BUR-1276RE

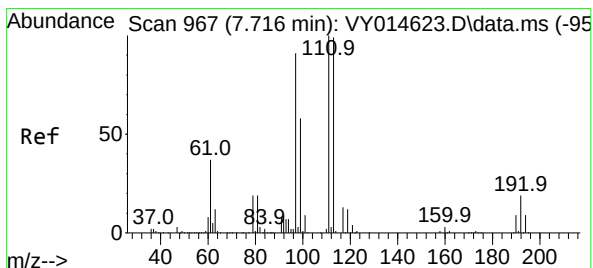
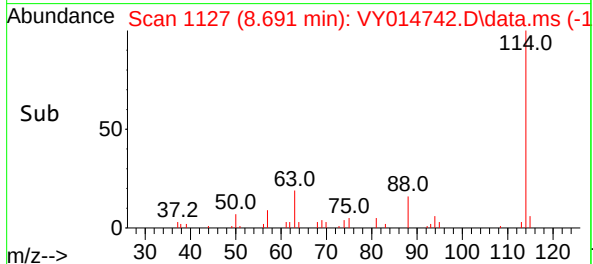
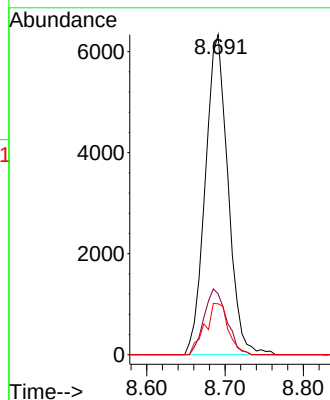
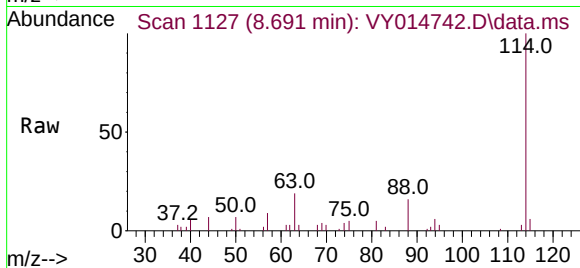
Tgt Ion:114 Resp: 12758

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 42.751 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014742.D

Acq: 21 Jul 2023 13:21

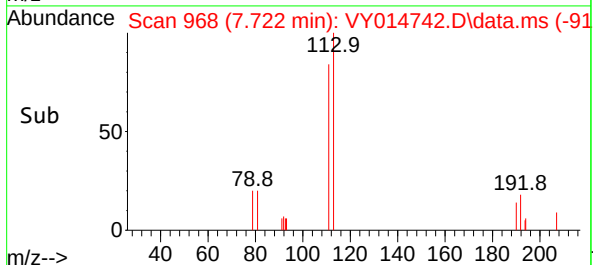
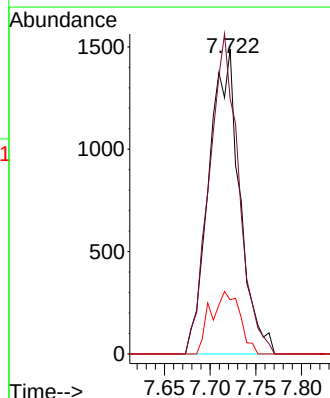
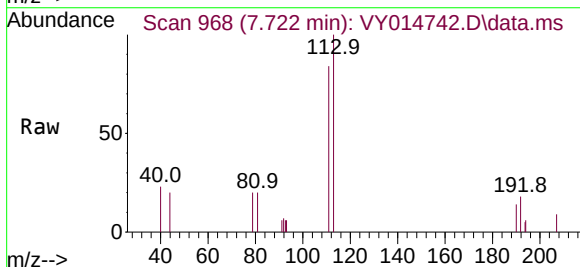
Tgt Ion:113 Resp: 3472

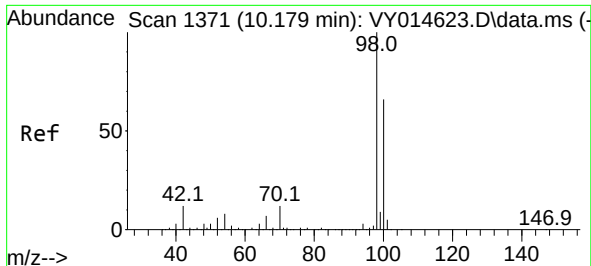
Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

192 19.5 16.9 25.3

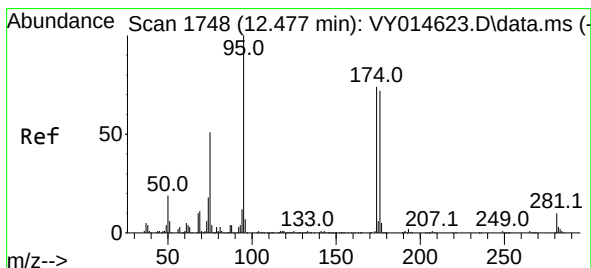
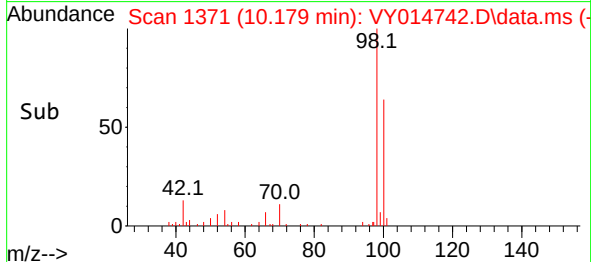
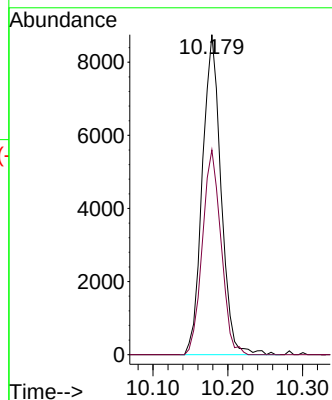
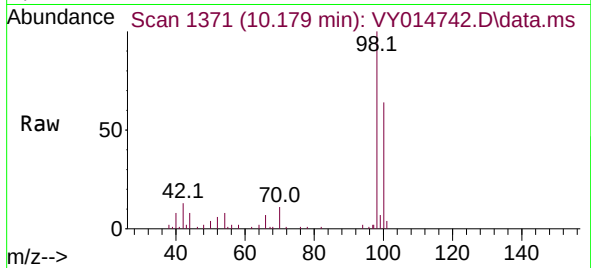




#50
Toluene-d8
Concen: 50.651 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014742.D
Acq: 21 Jul 2023 13:21

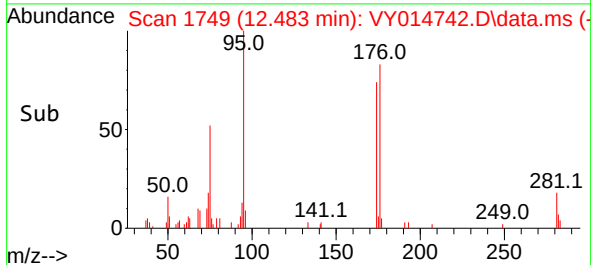
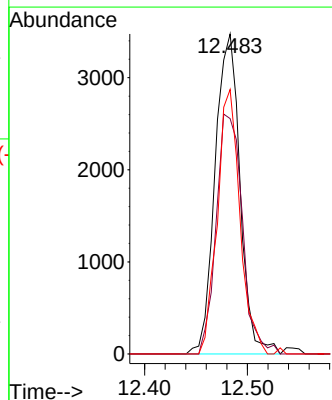
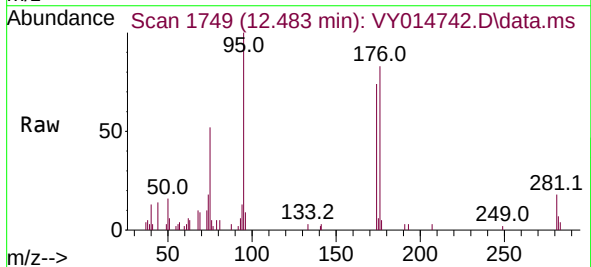
Instrument :
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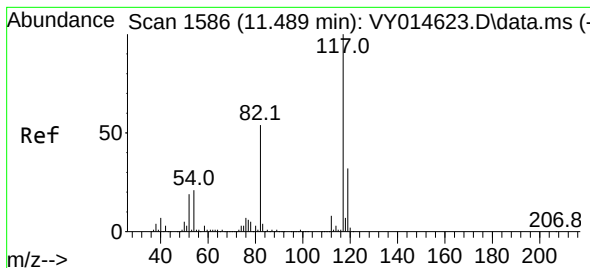
Tgt Ion: 98 Resp: 15166
Ion Ratio Lower Upper
98 100
100 63.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.841 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014742.D
Acq: 21 Jul 2023 13:21

Tgt Ion: 95 Resp: 5837
Ion Ratio Lower Upper
95 100
174 78.5 0.0 178.2
176 75.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014742.D

Acq: 21 Jul 2023 13:21

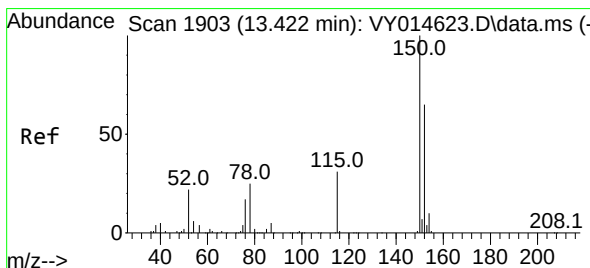
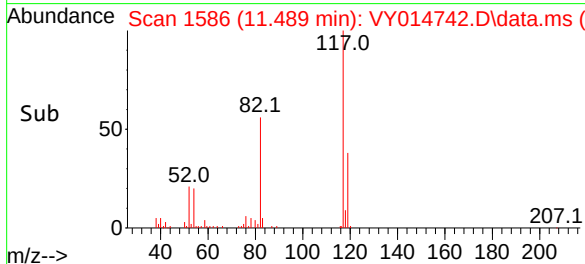
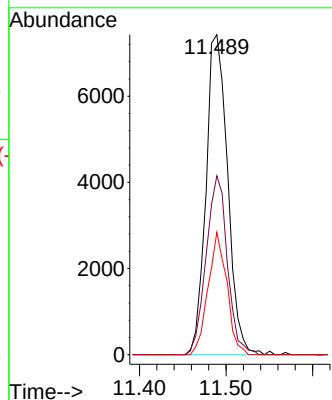
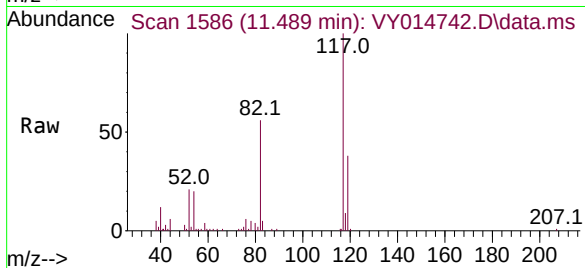
Instrument :

MSVOA_Y

ClientSampleId :

BUR-1276RE

Tgt Ion:117	Resp:	12907
Ion Ratio	Lower	Upper
117	100	
82	55.9	43.4 65.0
119	38.2	26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014742.D

Acq: 21 Jul 2023 13:21

Tgt Ion:152	Resp:	4846
Ion Ratio	Lower	Upper
152	100	
115	63.6	28.8 86.5
150	160.5	0.0 348.8

