

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012614.D
 Acq On : 15 Feb 2023 14:53
 Operator : KP/MD
 Sample : 01552-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 16 00:57:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

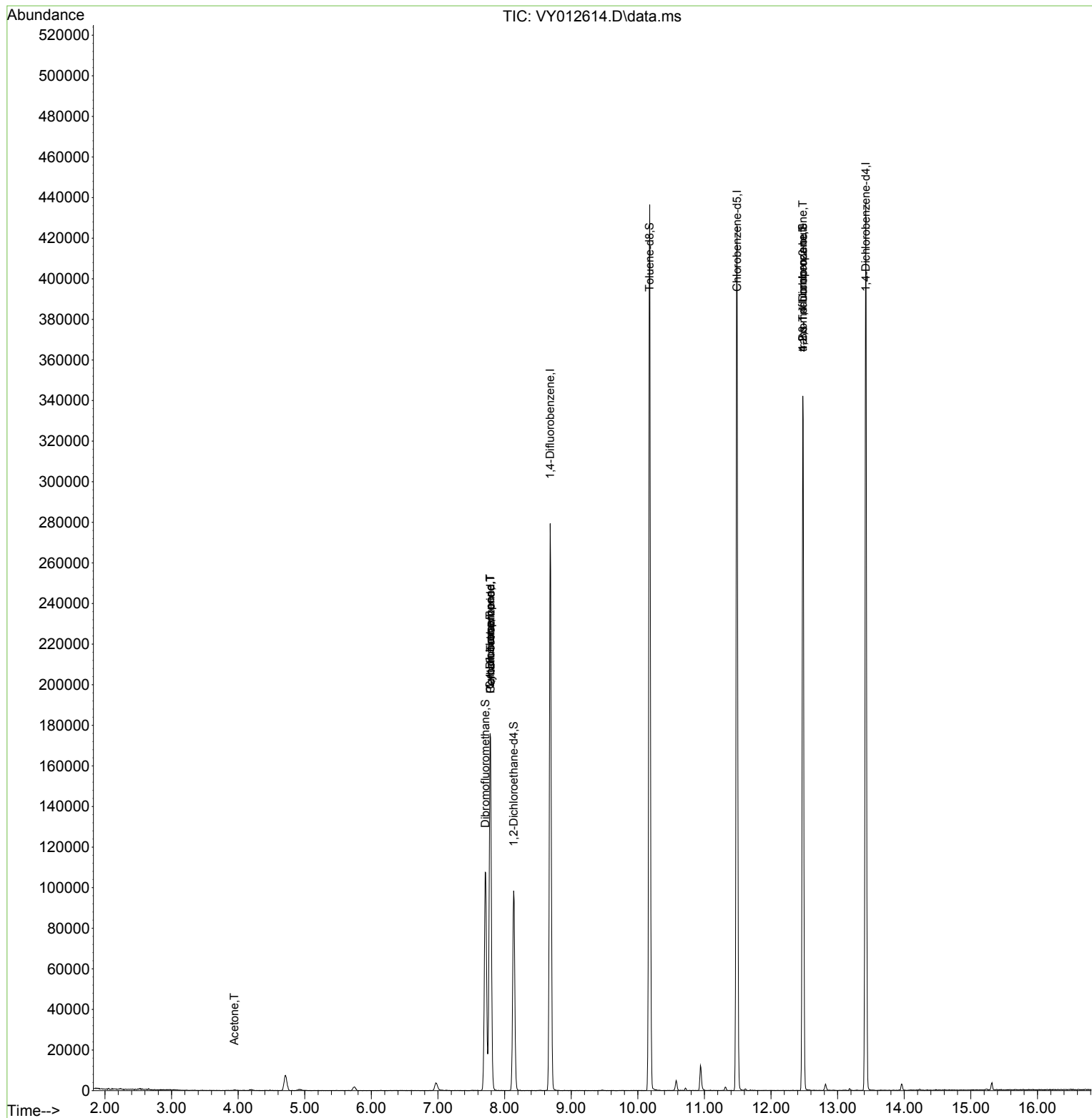
Internal Standards						
1) Pentafluorobenzene	7.789	168	145674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83404	45.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.040%
35) Dibromofluoromethane	7.710	113	72355	40.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.880%
50) Toluene-d8	10.179	98	294405	39.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.080%
62) 4-Bromofluorobenzene	12.477	95	99047	38.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.260%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	94	Below Cal		92
11) Tert butyl alcohol	4.918	59	359	Below Cal	#	75
16) Acetone	3.942	43	518	1.162 ug/l	#	83
20) Methylene Chloride	4.710	84	6575	Below Cal		95
31) Cyclohexane	7.783	56	2364	1.104 ug/l	#	36
36) 1,1-Dichloropropene	7.783	75	9165	3.785 ug/l	#	49
38) Carbon Tetrachloride	7.789	117	14313	4.404 ug/l	#	17
76) 1,2,3-Trichloropropane	12.477	75	52267	39.577 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52267	89.248 ug/l	#	12

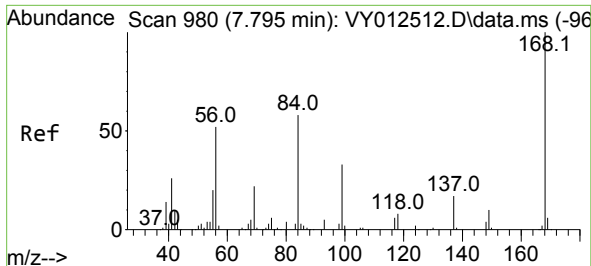
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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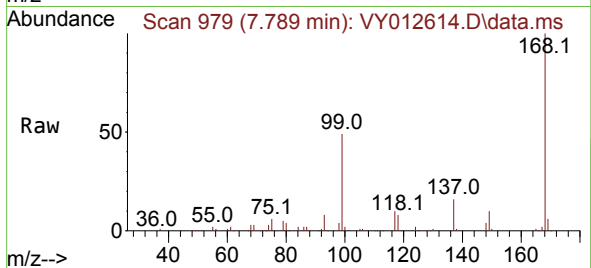
Quant Time: Feb 16 00:57:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration



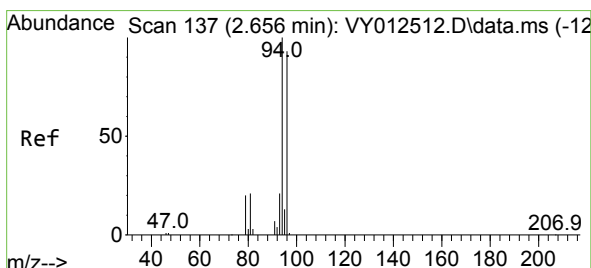
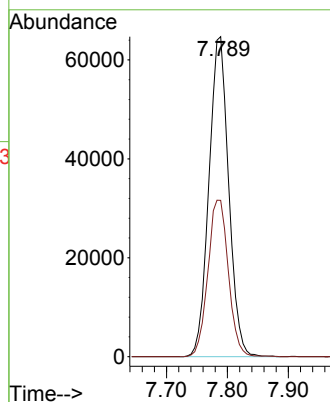
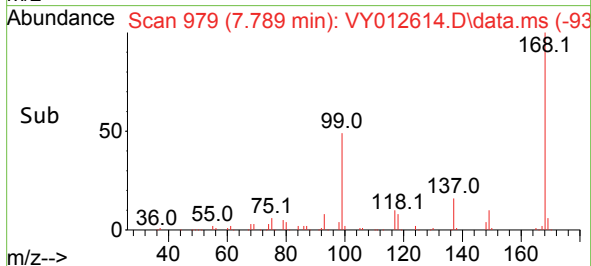


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012614.D
Acq: 15 Feb 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :

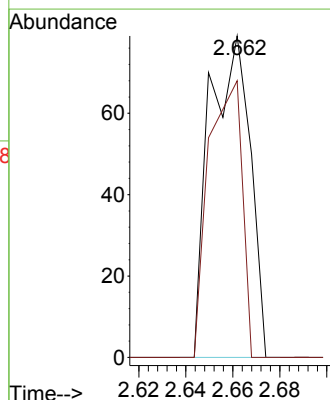
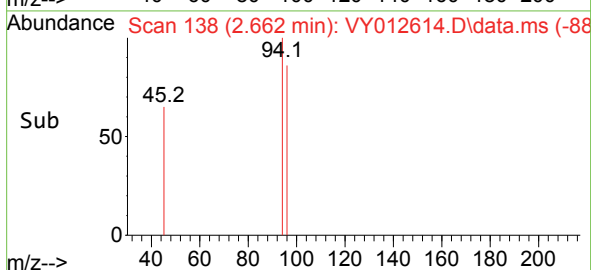
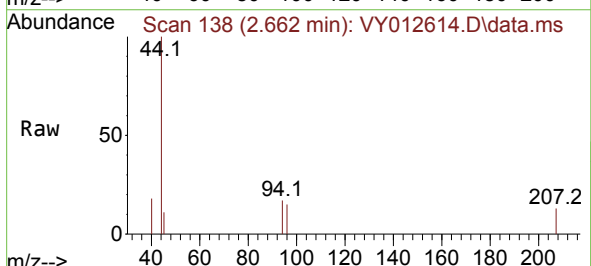


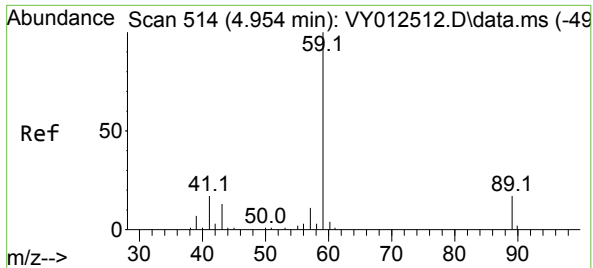
Tgt Ion:168 Resp: 145674
Ion Ratio Lower Upper
168 100
99 48.9 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY012614.D
Acq: 15 Feb 2023 14:53

Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 86.1 74.7 112.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.918 min Scan# 508

Delta R.T. -0.036 min

Lab File: VY012614.D

Acq: 15 Feb 2023 14:53

Instrument :

MSVOA_Y

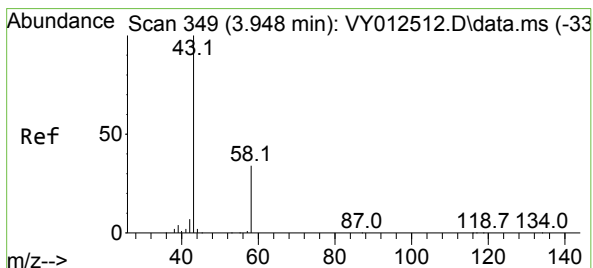
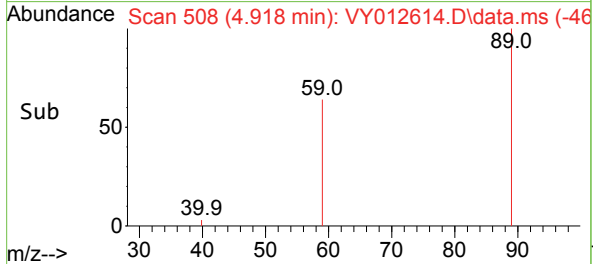
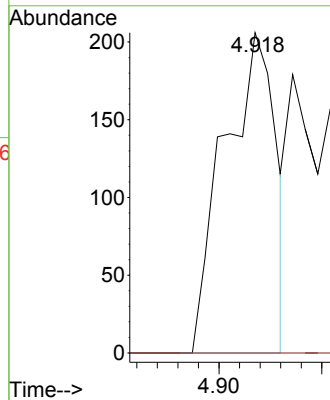
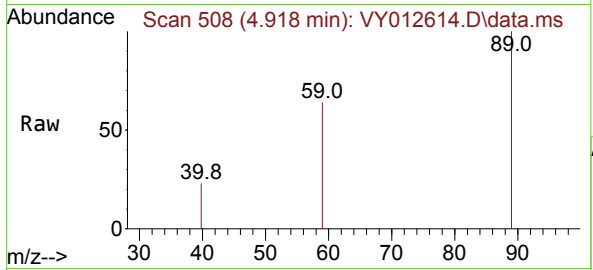
ClientSampleId :

Tgt Ion: 59 Resp: 359

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 1.162 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012614.D

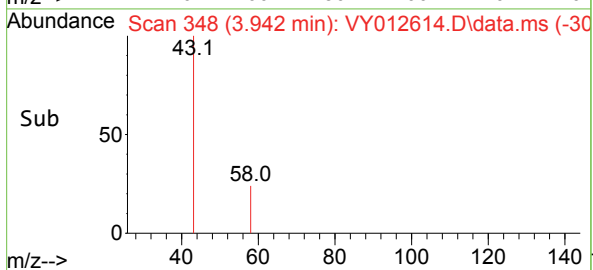
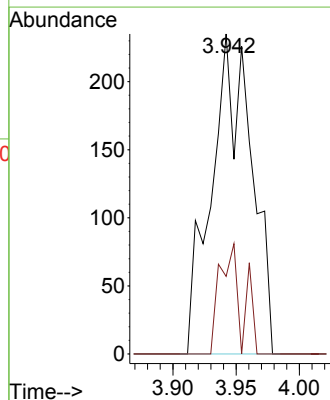
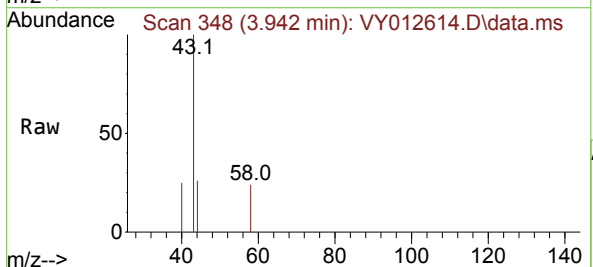
Acq: 15 Feb 2023 14:53

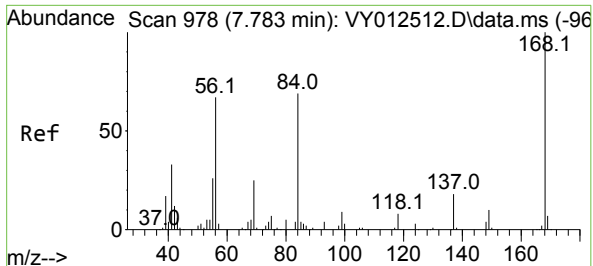
Tgt Ion: 43 Resp: 518

Ion Ratio Lower Upper

43 100

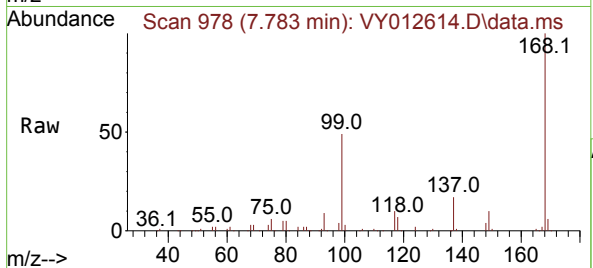
58 24.3 27.1 40.7#



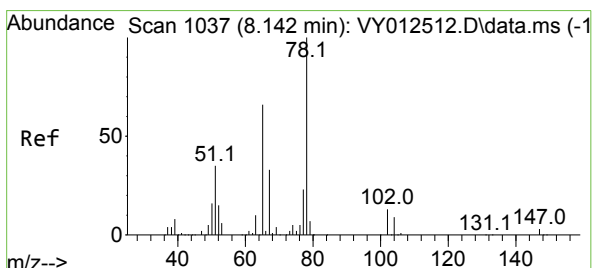
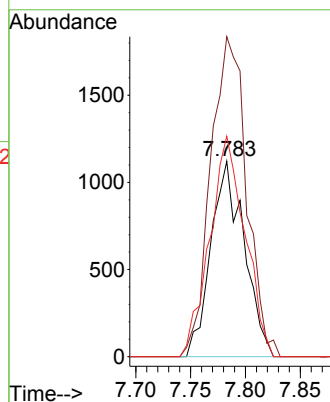
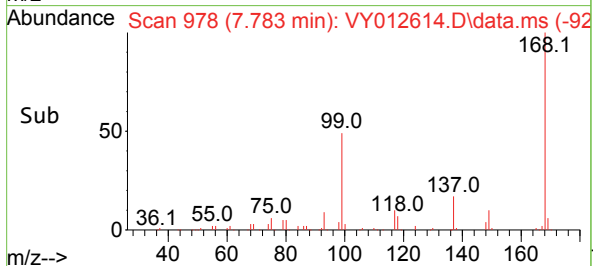


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012614.D
Acq: 15 Feb 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :

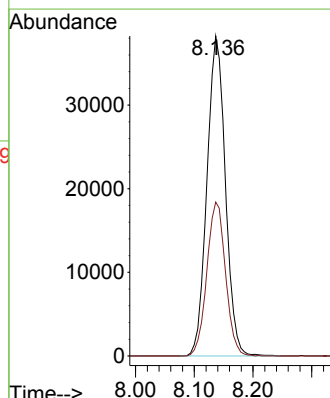
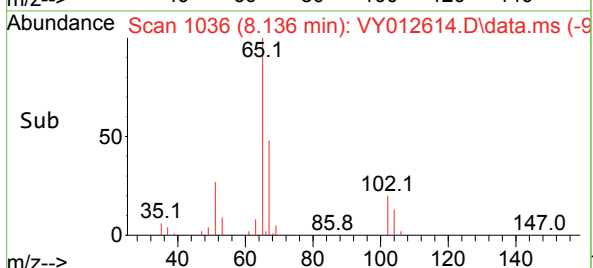
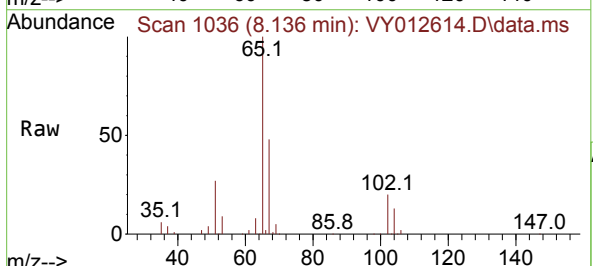


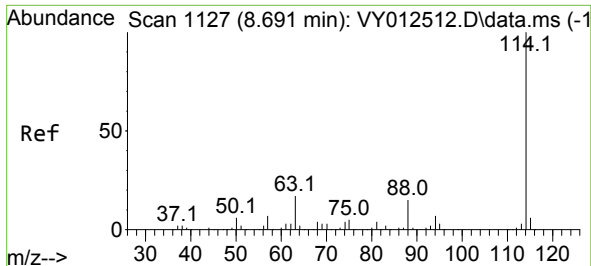
Tgt Ion: 56 Resp: 2364
Ion Ratio Lower Upper
56 100
69 163.8 29.5 44.3#
84 112.8 81.9 122.9



#33
1,2-Dichloroethane-d4
Concen: 45.024 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012614.D
Acq: 15 Feb 2023 14:53

Tgt Ion: 65 Resp: 83404
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012614.D

Acq: 15 Feb 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

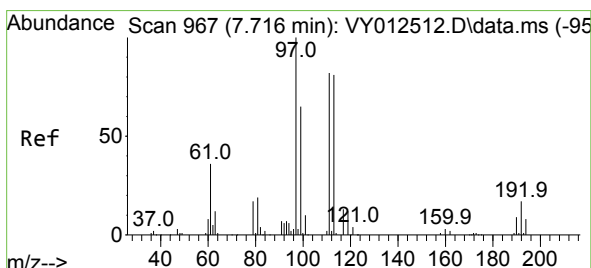
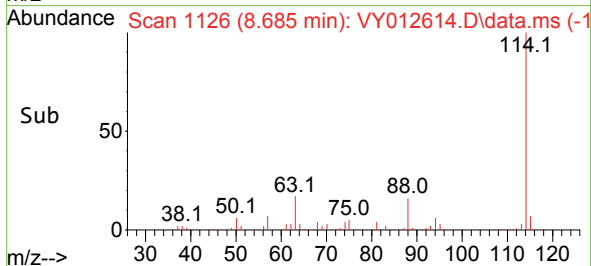
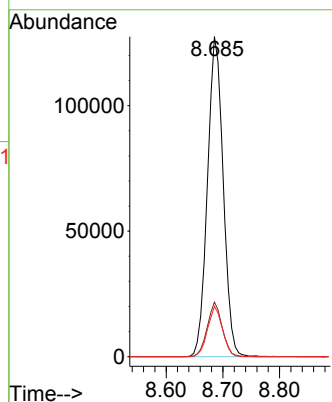
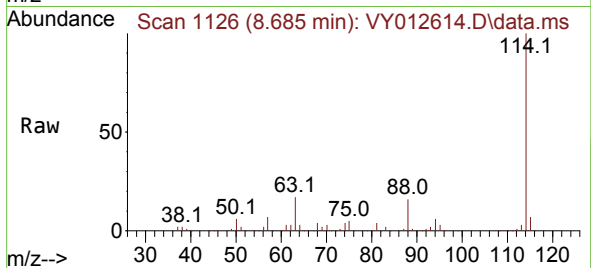
Tgt Ion:114 Resp: 245652

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.6

88 15.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.445 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012614.D

Acq: 15 Feb 2023 14:53

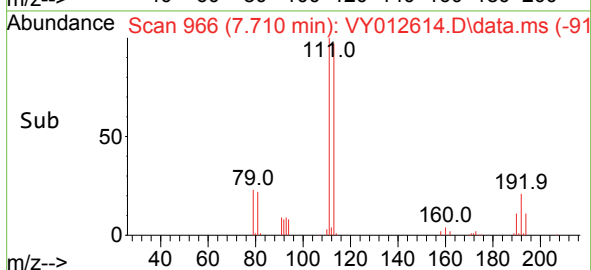
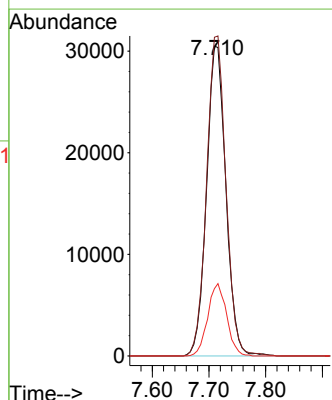
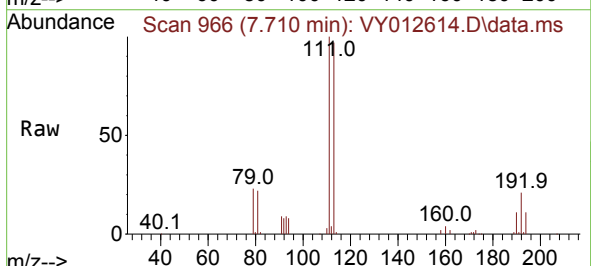
Tgt Ion:113 Resp: 72355

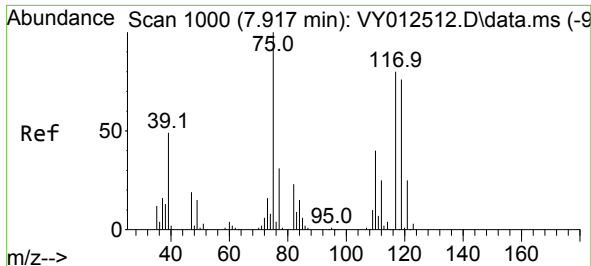
Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 22.8 17.5 26.3

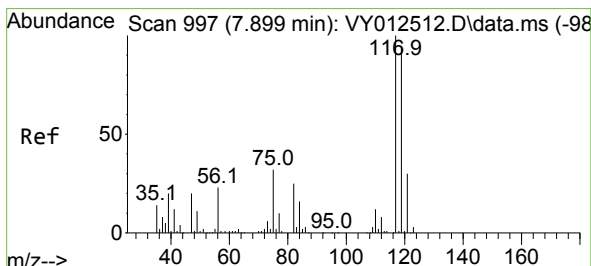
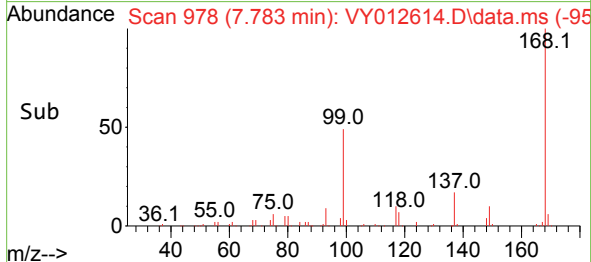
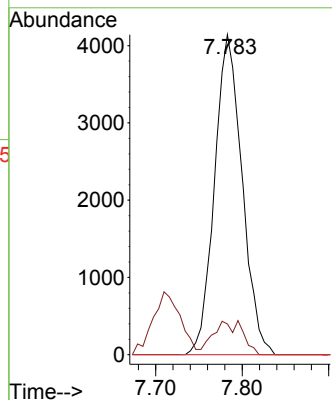
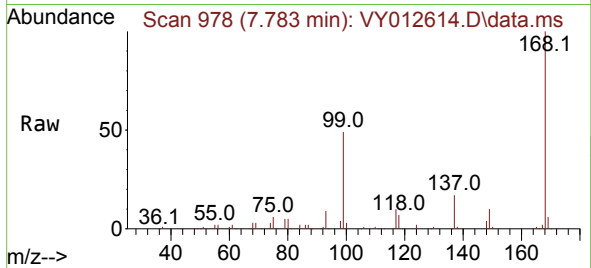




#36
 1,1-Dichloropropene
 Concen: 3.785 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY012614.D
 Acq: 15 Feb 2023 14:53

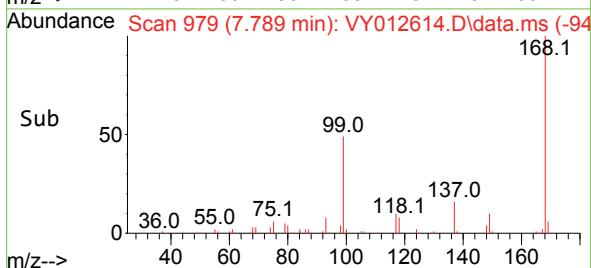
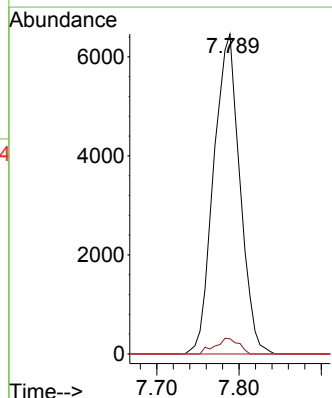
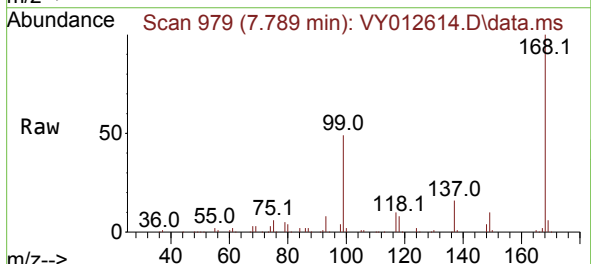
Instrument :
 MSVOA_Y
 ClientSampleId :

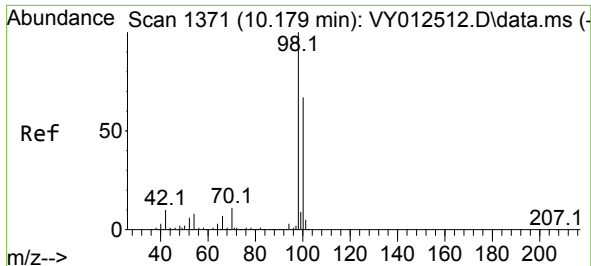
Tgt Ion: 75 Resp: 9165
 Ion Ratio Lower Upper
 75 100
 110 11.1 19.5 58.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.404 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY012614.D
 Acq: 15 Feb 2023 14:53

Tgt Ion: 117 Resp: 14313
 Ion Ratio Lower Upper
 117 100
 119 4.7 75.1 112.7#
 121 0.0 24.3 36.5#

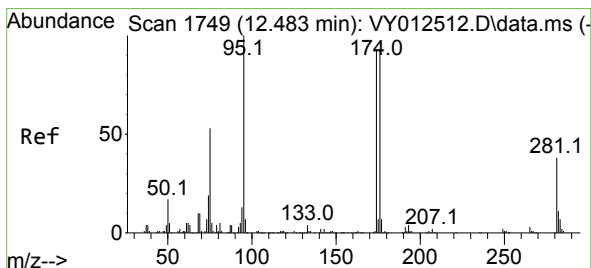
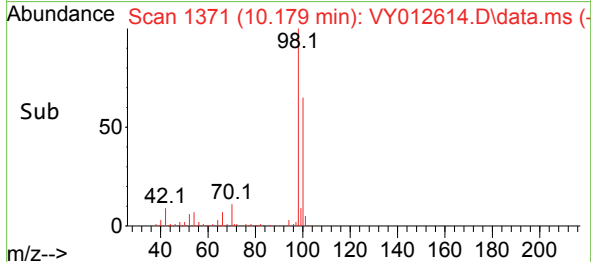
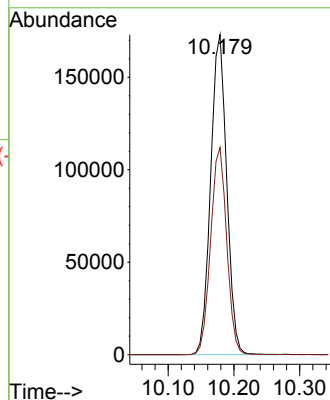
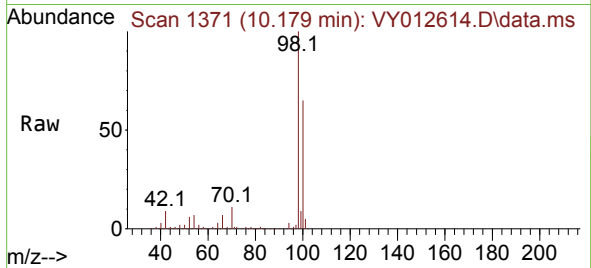




#50
Toluene-d8
Concen: 39.537 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012614.D
Acq: 15 Feb 2023 14:53

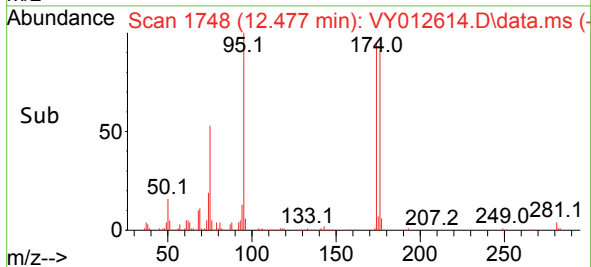
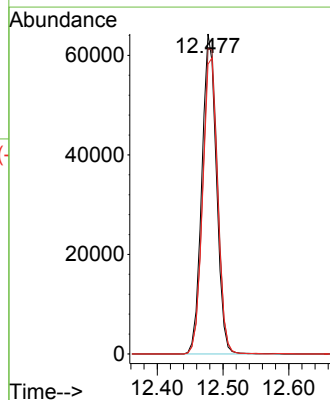
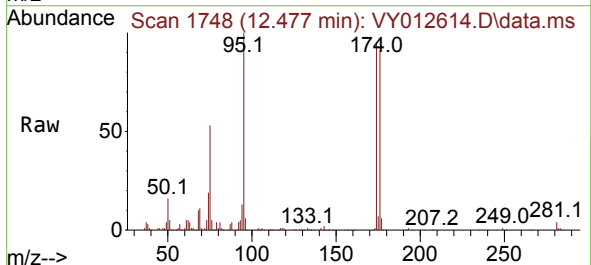
Instrument :
MSVOA_Y
ClientSampleId :

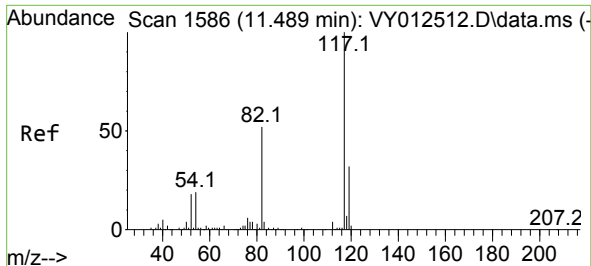
Tgt Ion: 98 Resp: 294405
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.135 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012614.D
Acq: 15 Feb 2023 14:53

Tgt Ion: 95 Resp: 99047
Ion Ratio Lower Upper
95 100
174 98.3 0.0 188.0
176 94.9 0.0 183.6

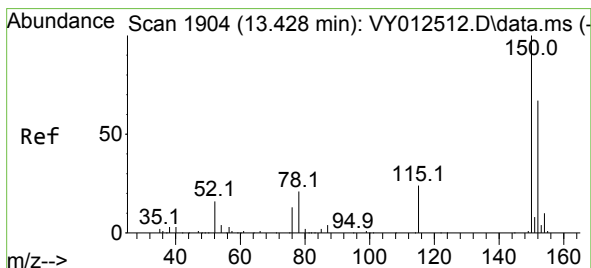
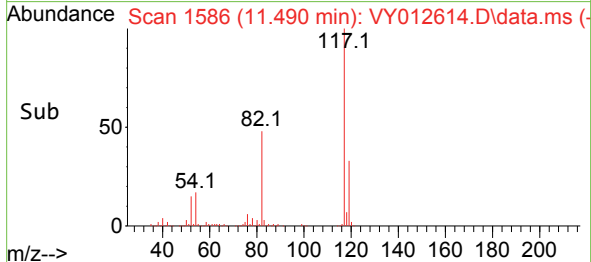
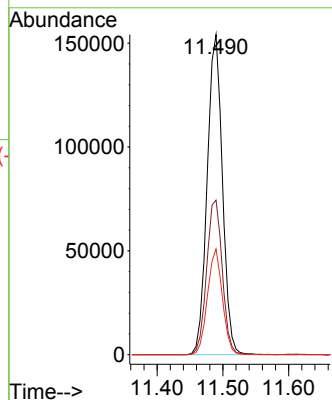
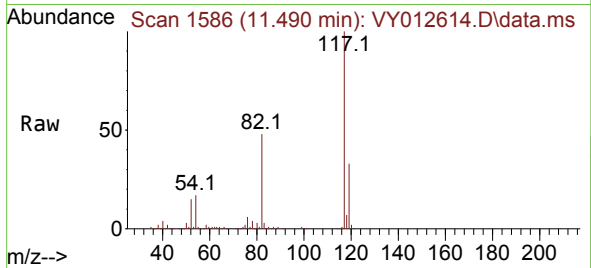




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012614.D
Acq: 15 Feb 2023 14:53

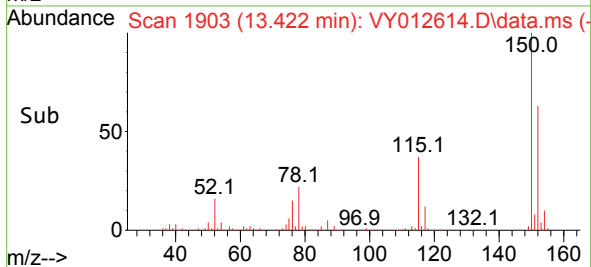
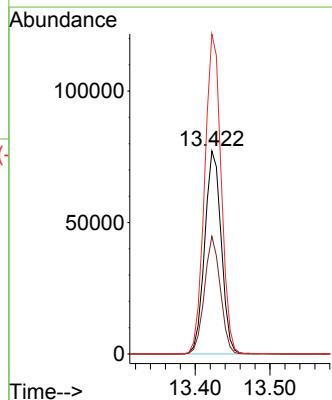
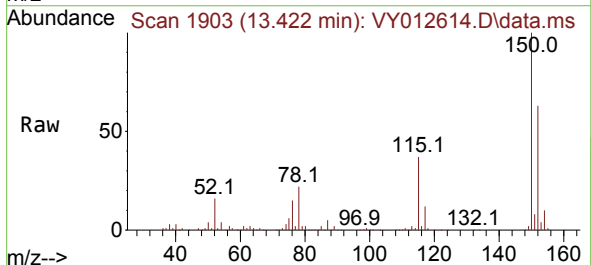
Instrument :
MSVOA_Y
ClientSampleId :

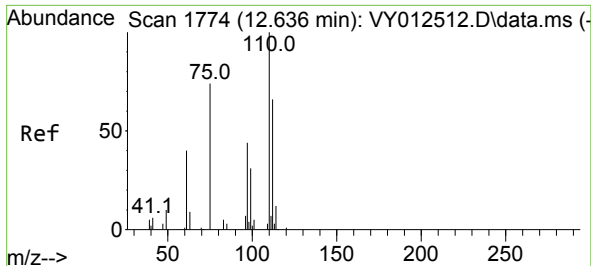
Tgt Ion:117 Resp: 248613
Ion Ratio Lower Upper
117 100
82 48.3 41.7 62.5
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012614.D
Acq: 15 Feb 2023 14:53

Tgt Ion:152 Resp: 118206
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.3
150 157.9 0.0 351.0

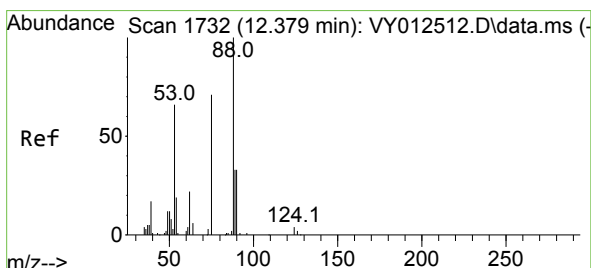
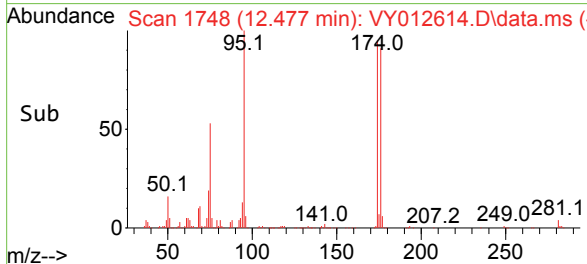
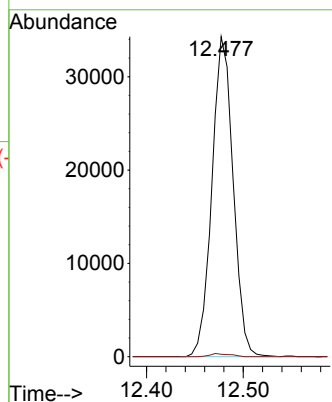
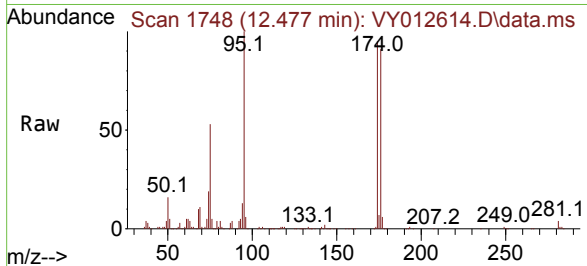




#76
1,2,3-Trichloropropane
Concen: 39.577 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY012614.D
Acq: 15 Feb 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52267
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.248 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY012614.D
Acq: 15 Feb 2023 14:53

Tgt Ion: 75 Resp: 52267
Ion Ratio Lower Upper
75 100
53 0.1 73.1 109.7#
89 0.1 39.9 59.9#

