

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016091.D
 Acq On : 26 Oct 2023 20:40
 Operator : SY/MD
 Sample : 05050-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:22:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

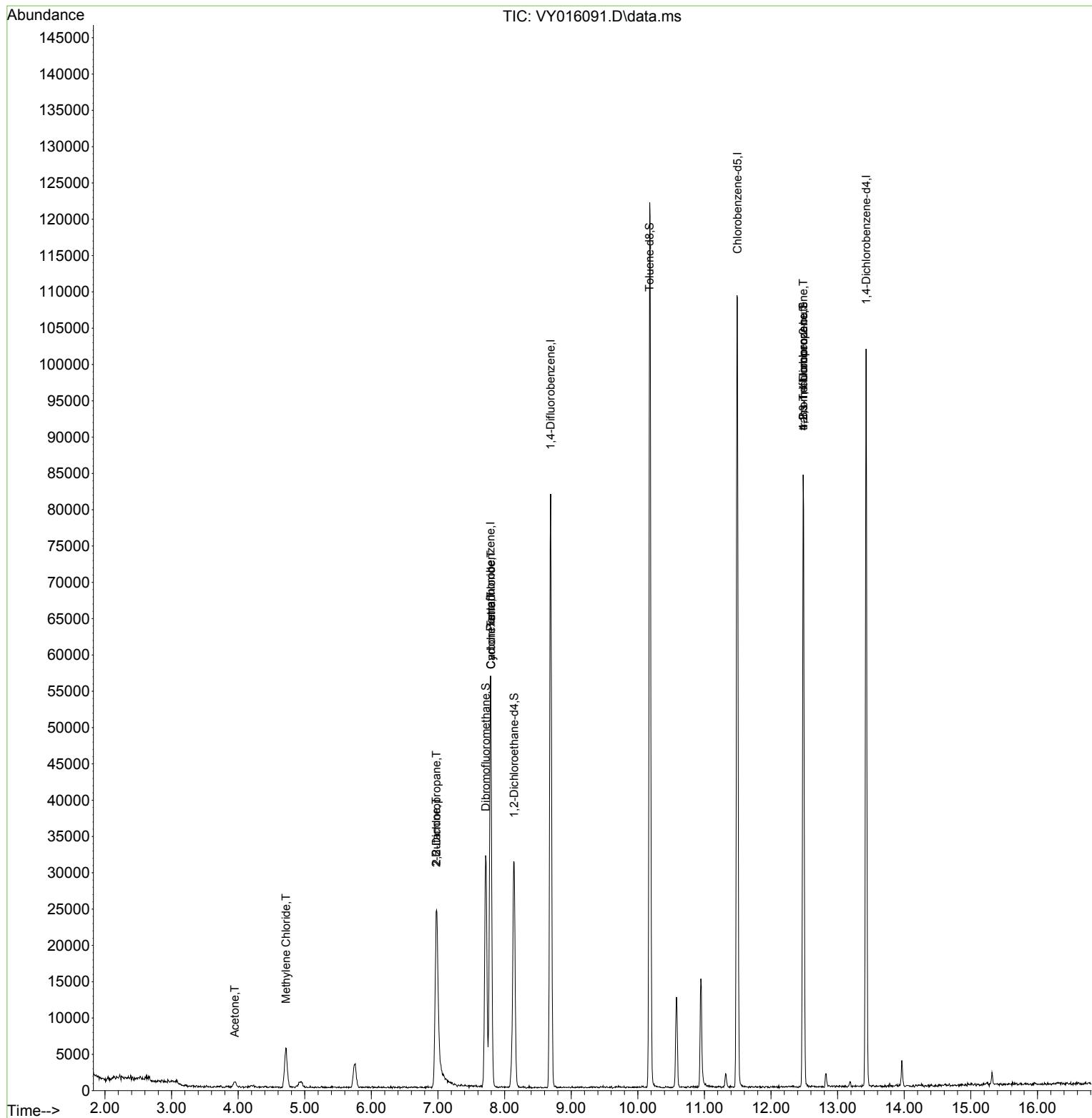
Internal Standards						
1) Pentafluorobenzene	7.789	168	43536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	71792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	64201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	23954	55.333	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 110.660%	
35) Dibromofluoromethane	7.716	113	23224	51.242	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 102.480%	
50) Toluene-d8	10.179	98	83223	49.573	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 99.140%	
62) 4-Bromofluorobenzene	12.483	95	24088	41.829	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 83.660%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.954	59	1410	Below Cal	#	93
16) Acetone	3.948	43	1464	12.477	ug/l	93
20) Methylene Chloride	4.716	84	4186	3.769	ug/l #	89
25) 2-Butanone	6.972	43	1334	8.424	ug/l #	49
26) 2,2-Dichloropropane	6.978	77	2220	3.117	ug/l #	54
31) Cyclohexane	7.795	56	837	1.229	ug/l #	1
38) Carbon Tetrachloride	7.795	117	4307	6.447	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	12775	47.797	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12775	103.868	ug/l #	11

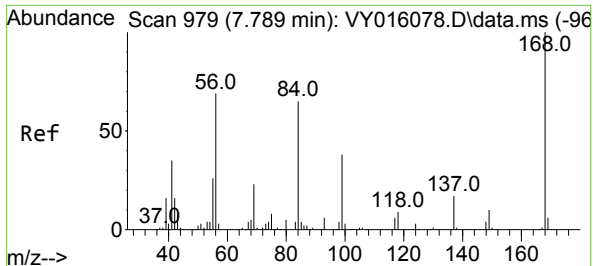
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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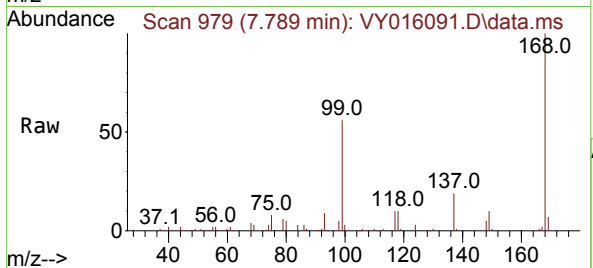
Quant Time: Oct 27 04:22:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



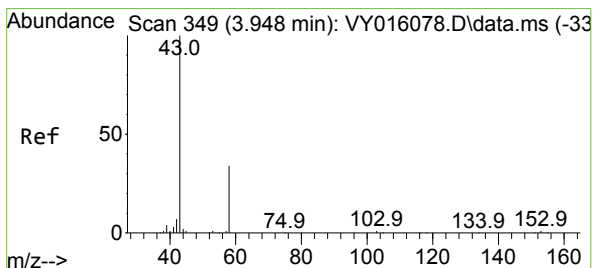
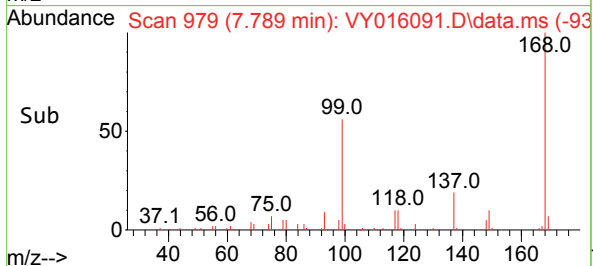
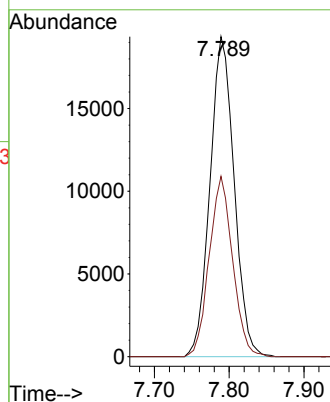


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016091.D
Acq: 26 Oct 2023 20:40

Instrument :
MSVOA_Y
ClientSampleId :

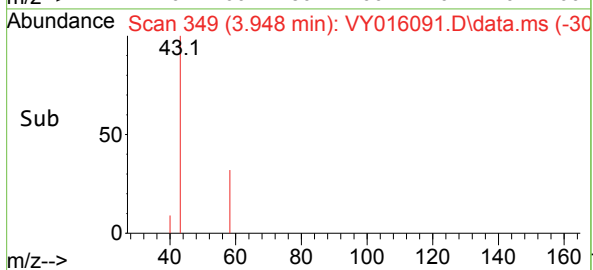
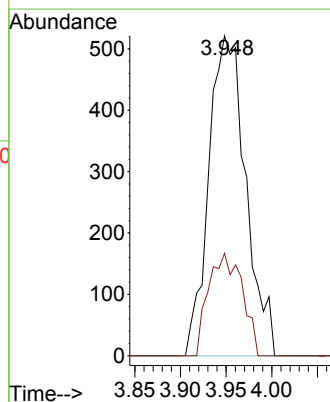
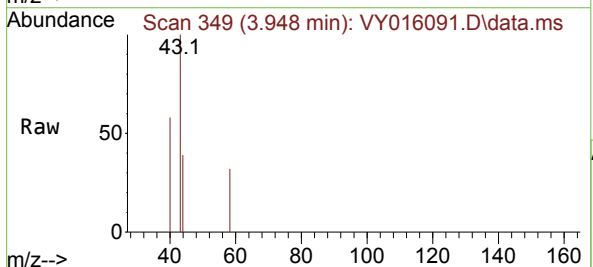


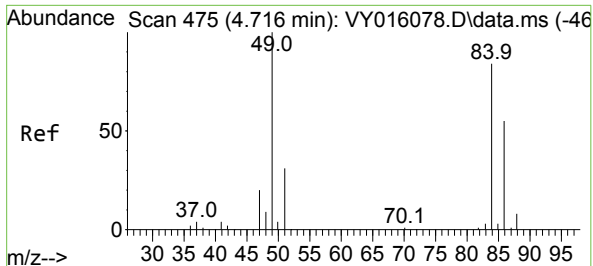
Tgt Ion:168 Resp: 43536
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#16
Acetone
Concen: 12.477 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016091.D
Acq: 26 Oct 2023 20:40

Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1





#20

Methylene Chloride

Concen: 3.769 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

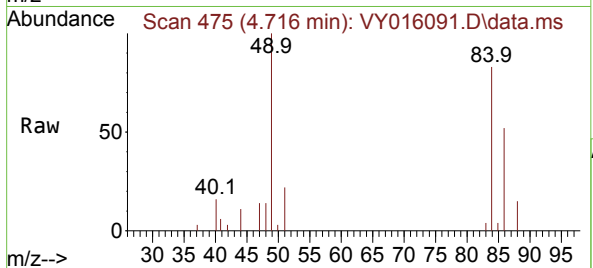
Lab File: VY016091.D

Acq: 26 Oct 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 4186

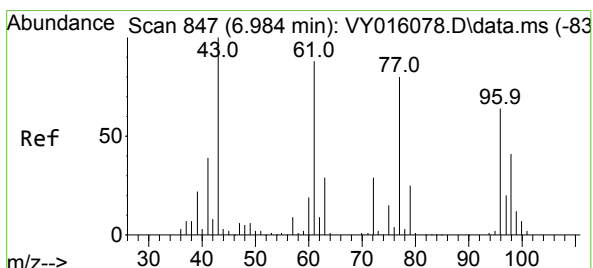
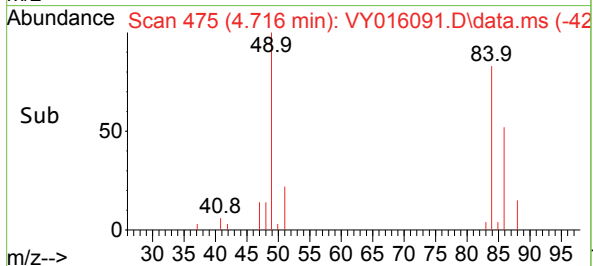
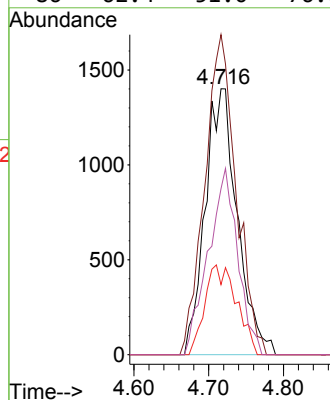
Ion Ratio Lower Upper

84 100

49 120.3 106.9 160.3

51 26.3 33.2 49.8#

86 62.4 51.0 76.6



#25

2-Butanone

Concen: 8.424 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY016091.D

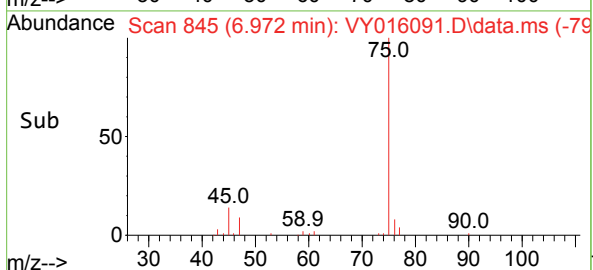
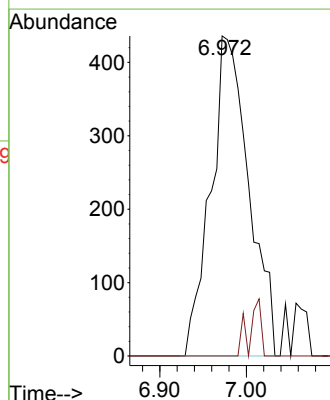
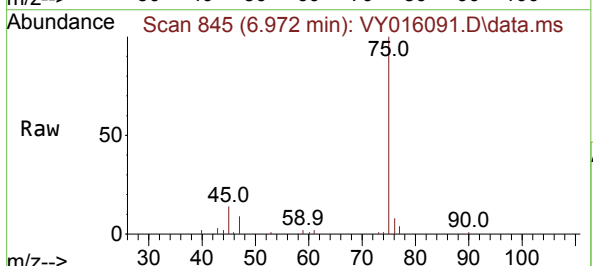
Acq: 26 Oct 2023 20:40

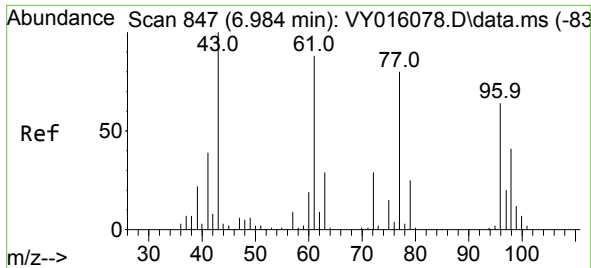
Tgt Ion: 43 Resp: 1334

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#

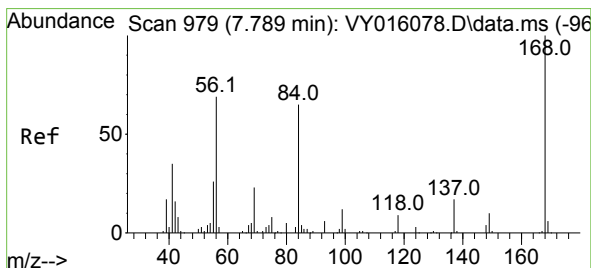
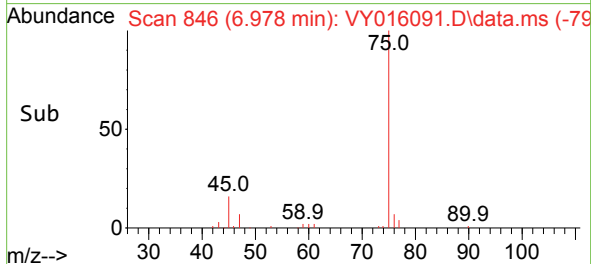
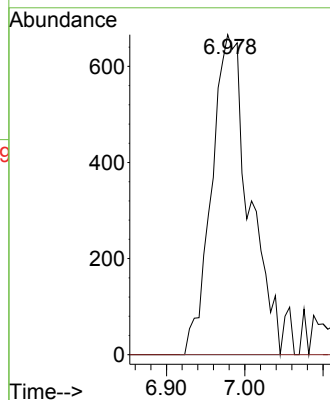
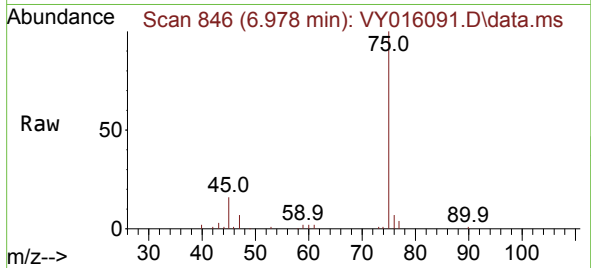




#26
2,2-Dichloropropane
Concen: 3.117 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY016091.D
Acq: 26 Oct 2023 20:40

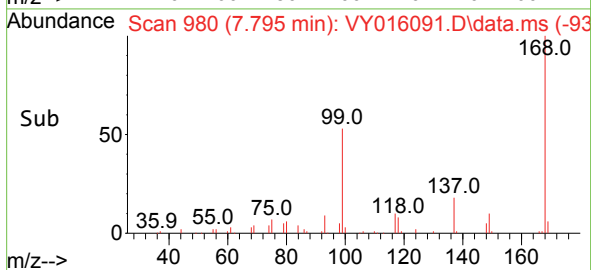
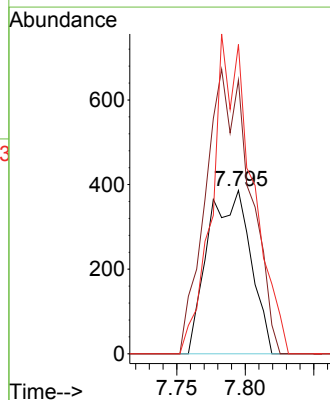
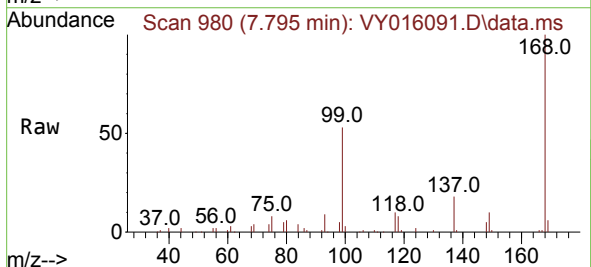
Instrument :
MSVOA_Y
ClientSampleId :

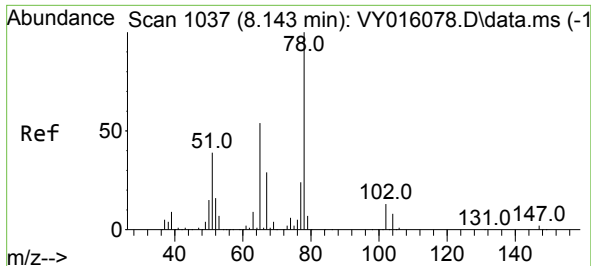
Tgt Ion: 77 Resp: 2220
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY016091.D
Acq: 26 Oct 2023 20:40

Tgt Ion: 56 Resp: 837
Ion Ratio Lower Upper
56 100
69 167.6 27.8 41.6#
84 189.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.333 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016091.D

Acq: 26 Oct 2023 20:40

Instrument :

MSVOA_Y

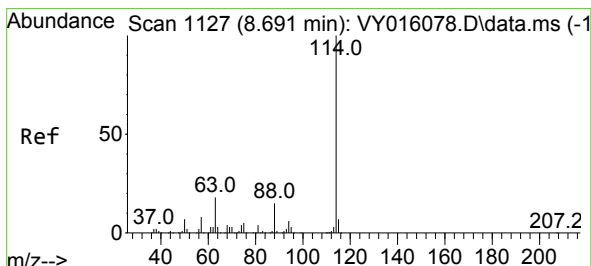
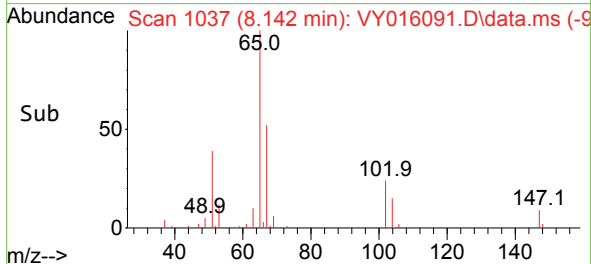
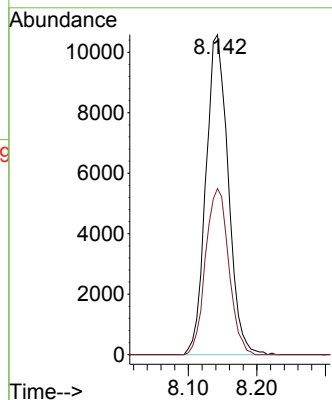
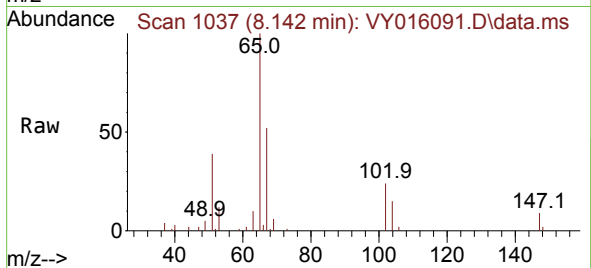
ClientSampleId :

Tgt Ion: 65 Resp: 23954

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016091.D

Acq: 26 Oct 2023 20:40

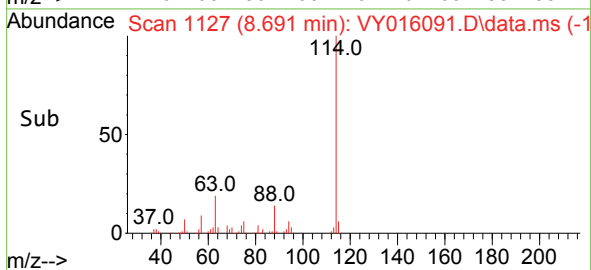
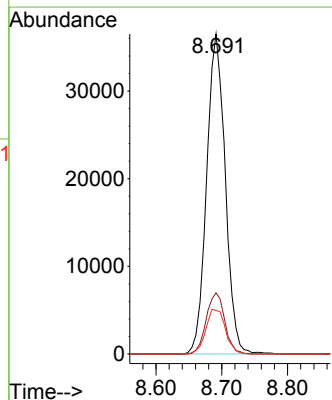
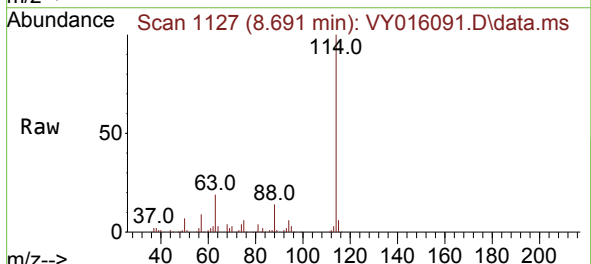
Tgt Ion: 114 Resp: 71792

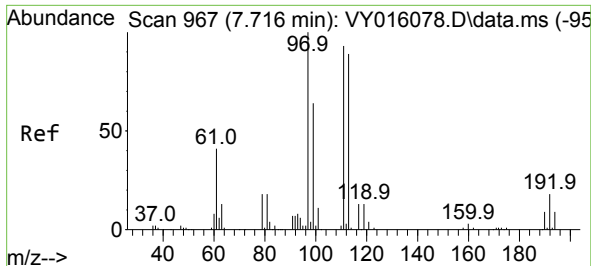
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

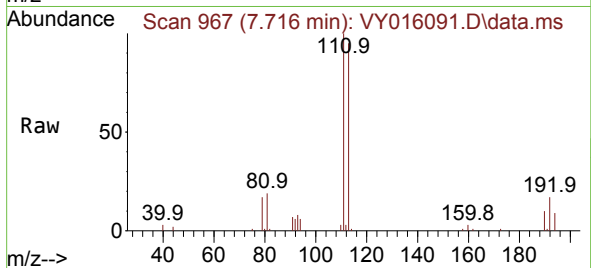
88 13.6 0.0 30.6



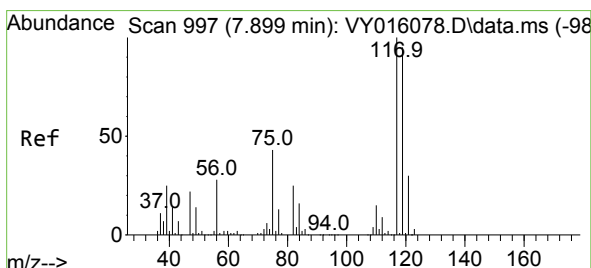
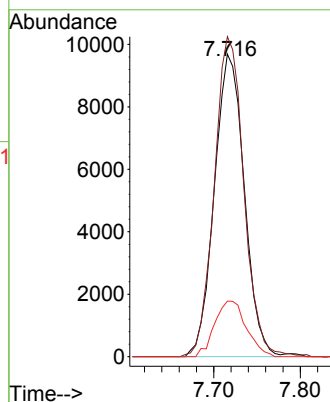
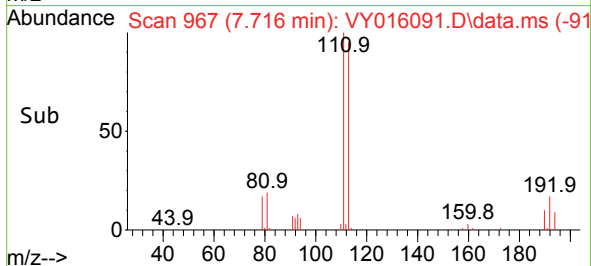


#35
Dibromofluoromethane
Concen: 51.242 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016091.D
Acq: 26 Oct 2023 20:40

Instrument :
MSVOA_Y
ClientSampleId :

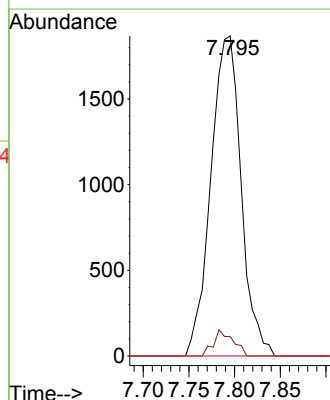
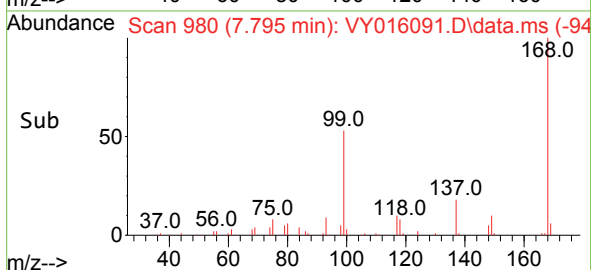
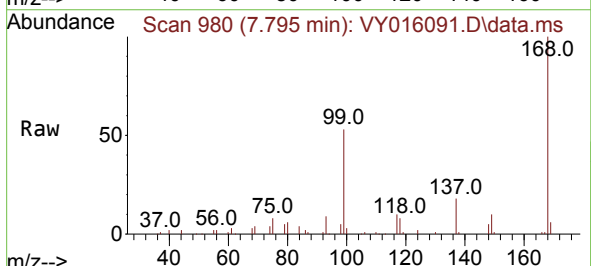


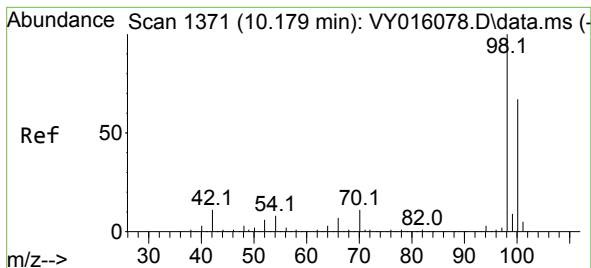
Tgt Ion:113 Resp: 23224
Ion Ratio Lower Upper
113 100
111 104.5 81.3 121.9
192 19.5 16.9 25.3



#38
Carbon Tetrachloride
Concen: 6.447 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY016091.D
Acq: 26 Oct 2023 20:40

Tgt Ion:117 Resp: 4307
Ion Ratio Lower Upper
117 100
119 6.0 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.573 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY016091.D

Acq: 26 Oct 2023 20:40

Instrument :

MSVOA_Y

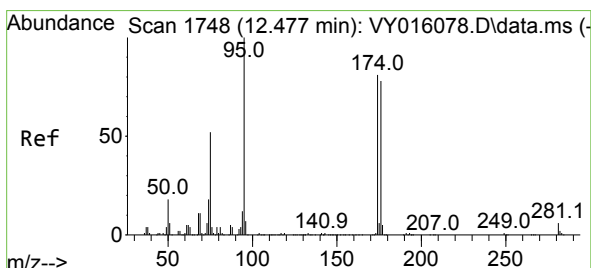
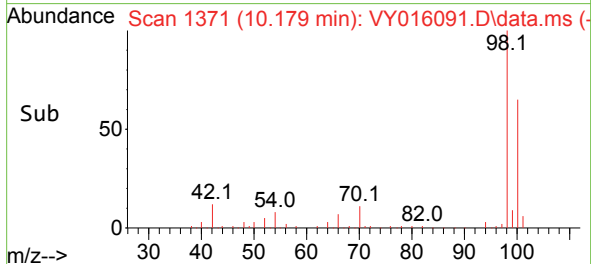
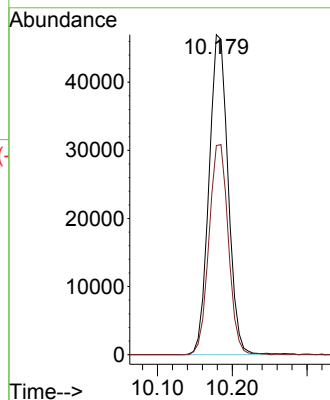
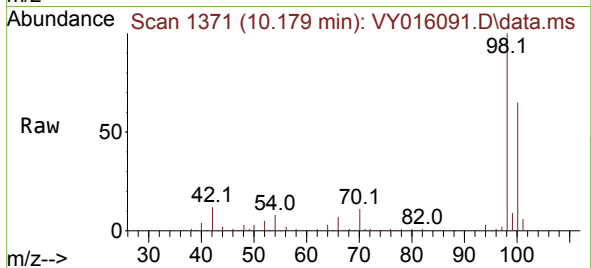
ClientSampleId :

Tgt Ion: 98 Resp: 83223

Ion Ratio Lower Upper

98 100

100 66.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 41.829 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016091.D

Acq: 26 Oct 2023 20:40

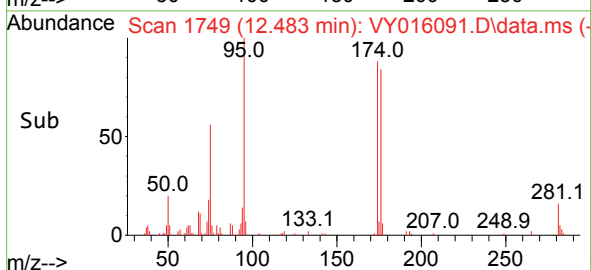
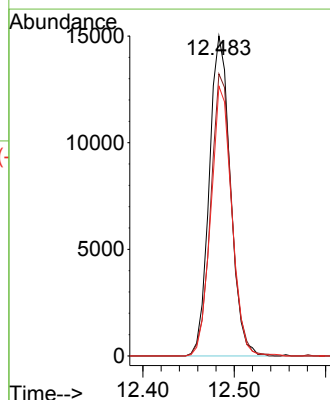
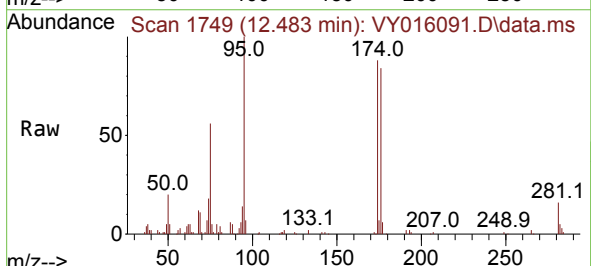
Tgt Ion: 95 Resp: 24088

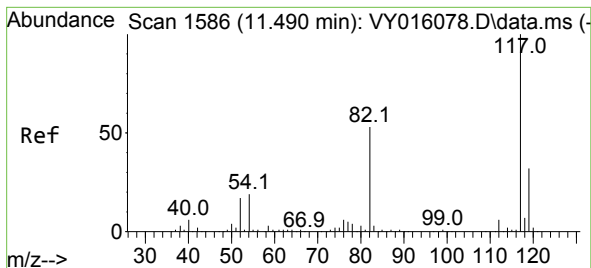
Ion Ratio Lower Upper

95 100

174 87.2 0.0 178.2

176 83.5 0.0 173.8

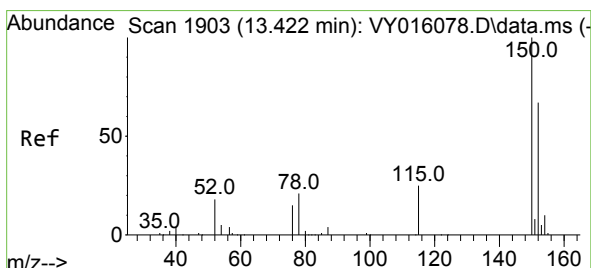
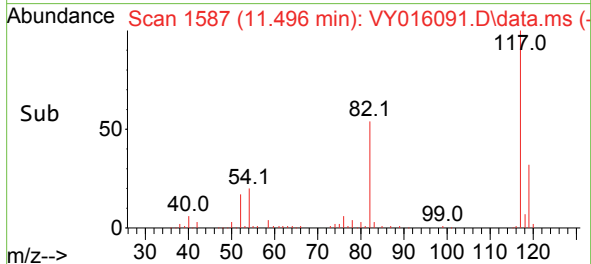
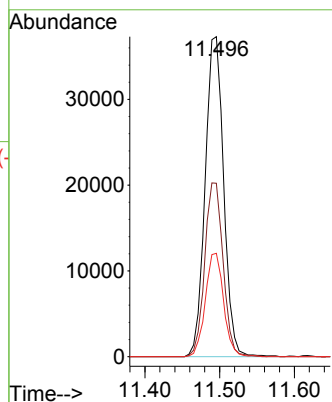
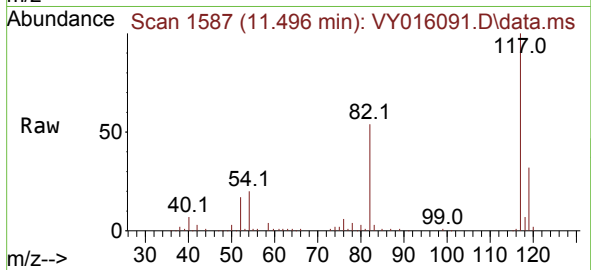




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016091.D
Acq: 26 Oct 2023 20:40

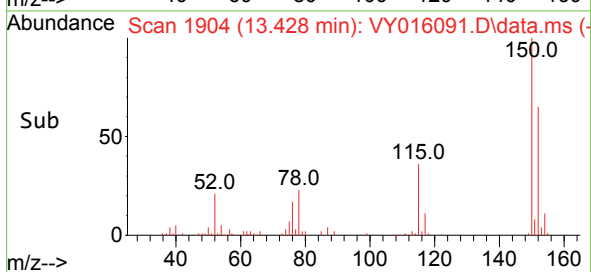
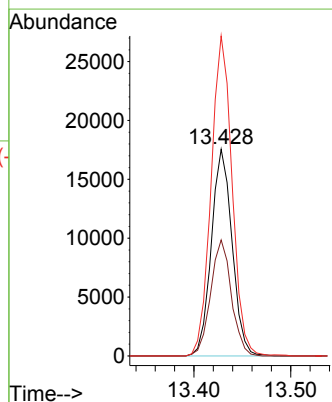
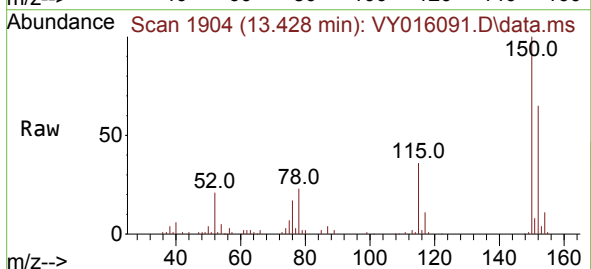
Instrument :
MSVOA_Y
ClientSampleId :

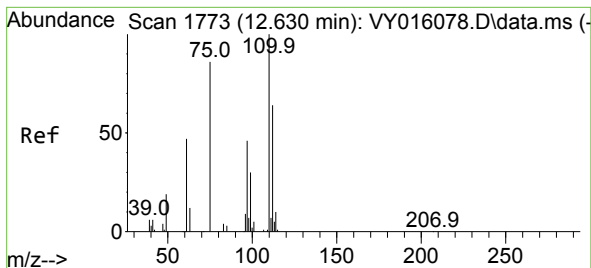
Tgt Ion:117 Resp: 64201
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016091.D
Acq: 26 Oct 2023 20:40

Tgt Ion:152 Resp: 26179
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 156.5 0.0 348.8

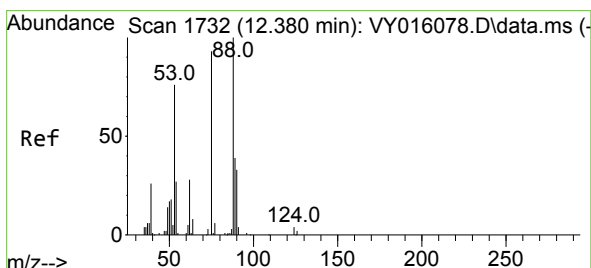
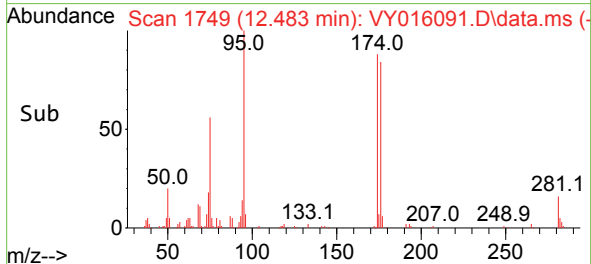
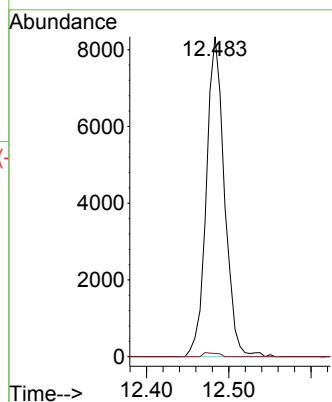
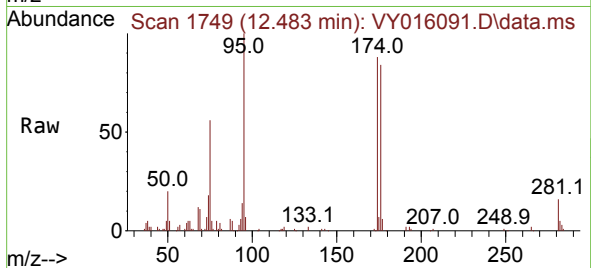




#76
1,2,3-Trichloropropane
Concen: 47.797 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016091.D
Acq: 26 Oct 2023 20:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 12775
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016091.D
Acq: 26 Oct 2023 20:40

Tgt Ion: 75 Resp: 12775
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

