

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015266.D
 Acq On : 23 Aug 2023 00:15
 Operator : SY/MD
 Sample : 04110-03
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-04(1-2)

Quant Time: Aug 23 04:58:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	127868	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	208404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84649	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	80638	52.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.080%
35) Dibromofluoromethane	7.722	113	63976	47.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.185	98	243595	48.807	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.483	95	77299	42.403	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.800%

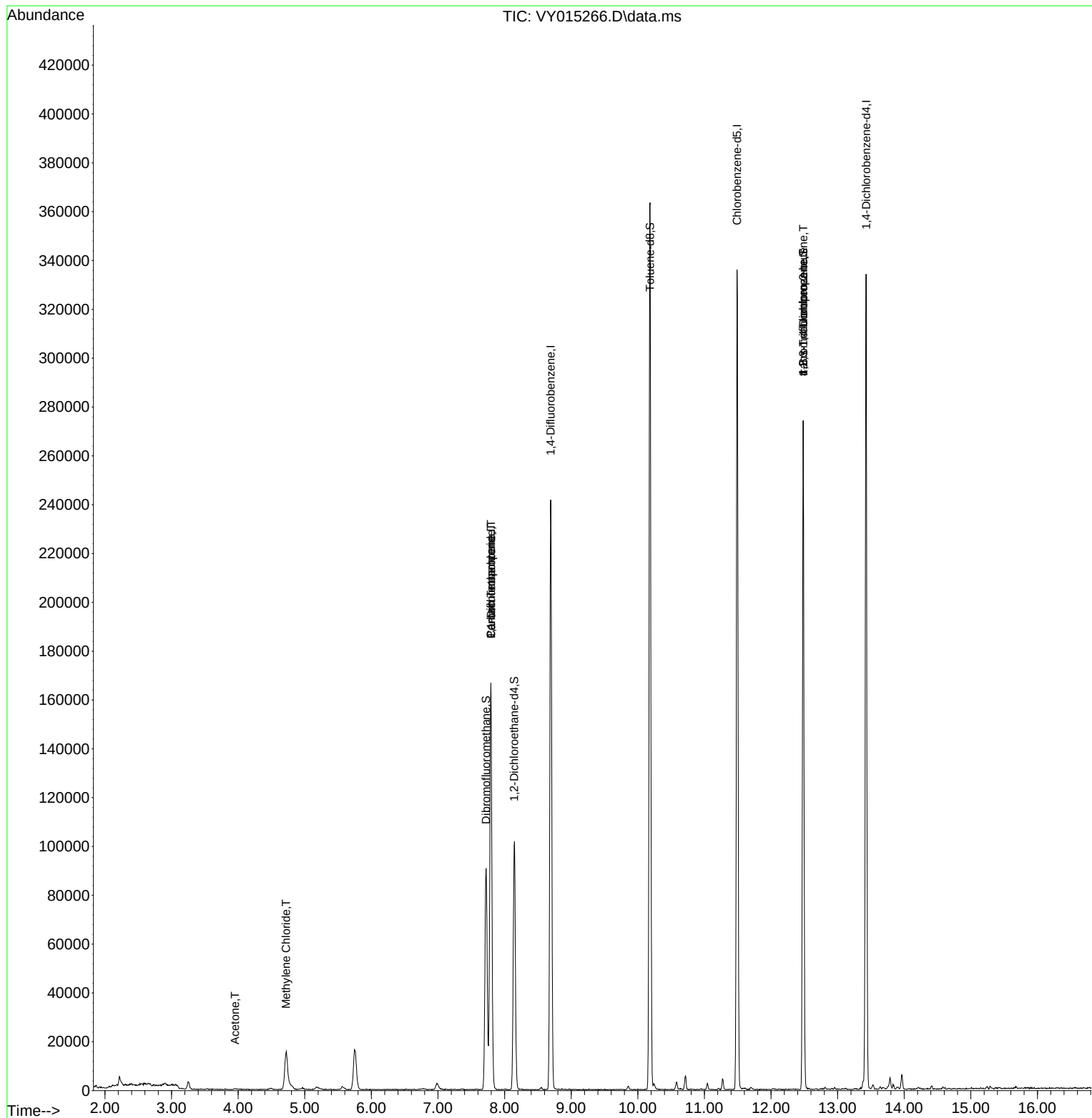
Target Compounds					Qvalue
3) Chloromethane	2.119	50	183	Below Cal	# 43
5) Bromomethane	2.662	94	283	Below Cal	# 80
11) Tert butyl alcohol	4.966	59	1183	Below Cal	# 95
16) Acetone	3.954	43	639	1.274	ug/l # 80
20) Methylene Chloride	4.716	84	11184	5.453	ug/l # 87
31) Cyclohexane	7.789	56	2692	Below Cal	# 1
36) 1,1-Dichloropropene	7.795	75	9611	6.480	ug/l # 50
38) Carbon Tetrachloride	7.795	117	12811	7.298	ug/l # 15
76) 1,2,3-Trichloropropane	12.483	75	41955	40.796	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.483	75	41955	89.607	ug/l # 11

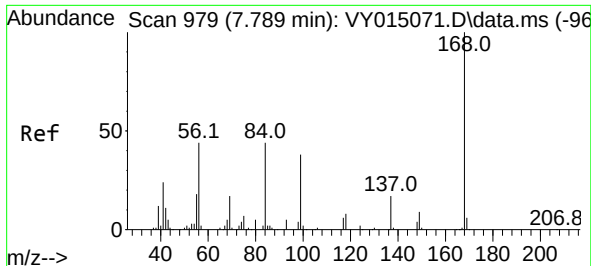
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY015266.D
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TP-04(1-2)

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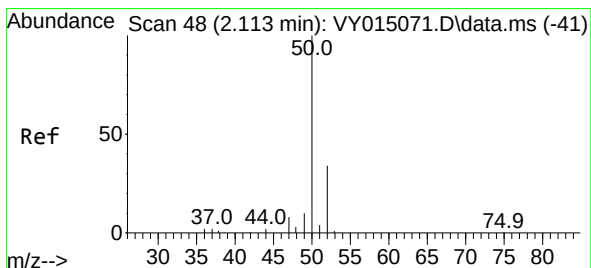
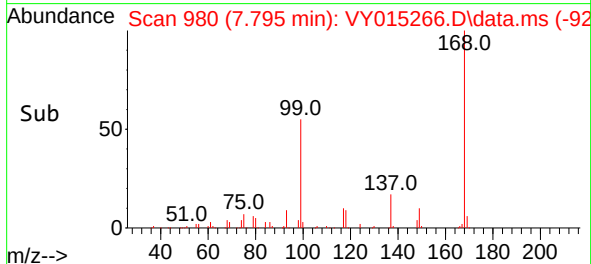
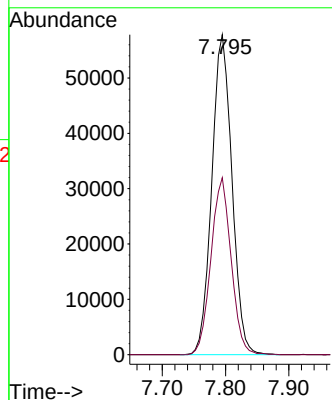
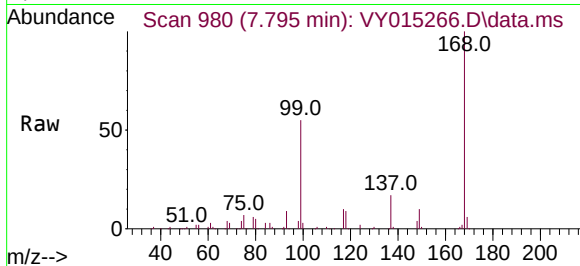




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

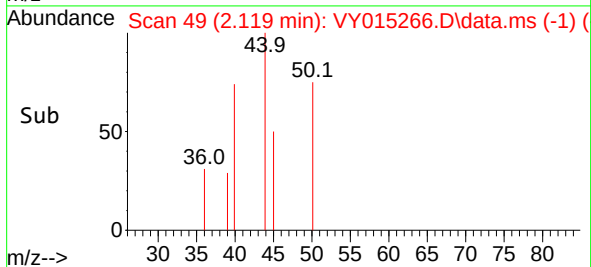
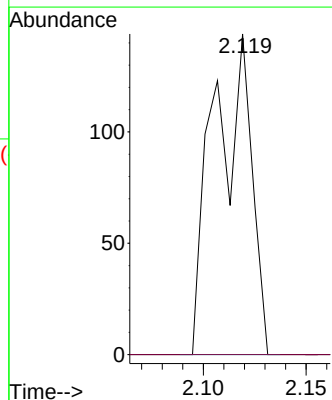
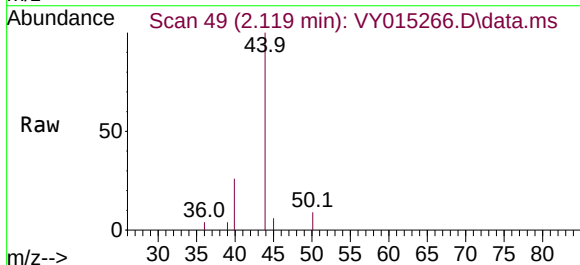
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)

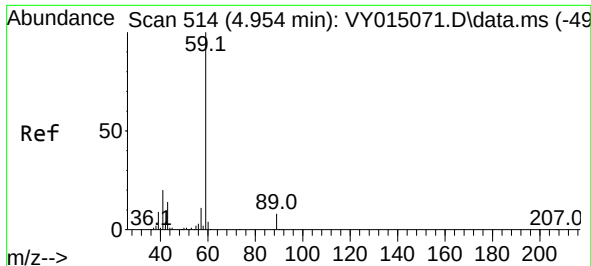
Tgt Ion:168 Resp: 127868
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Tgt Ion: 50 Resp: 183
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

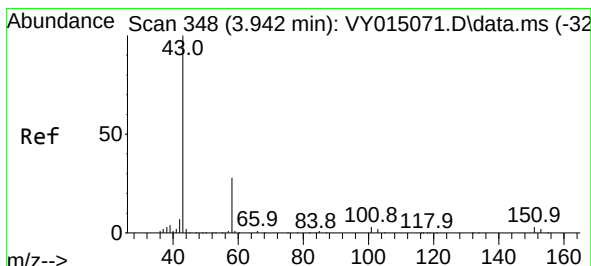
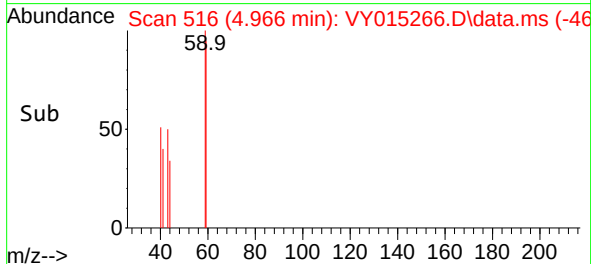
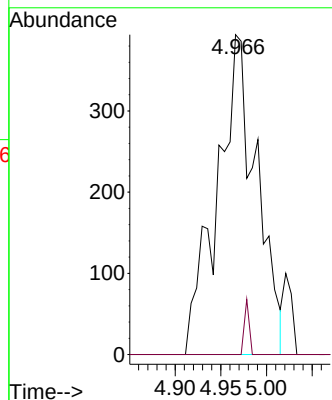
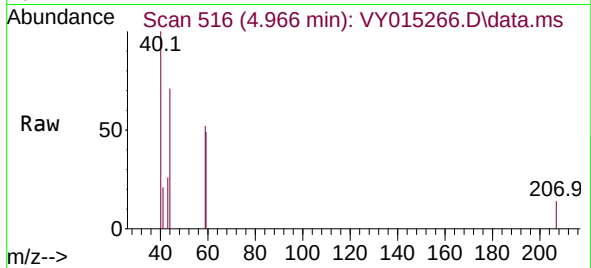




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

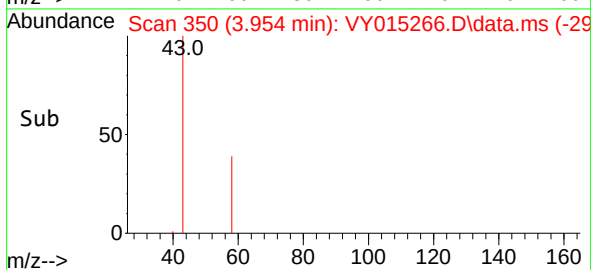
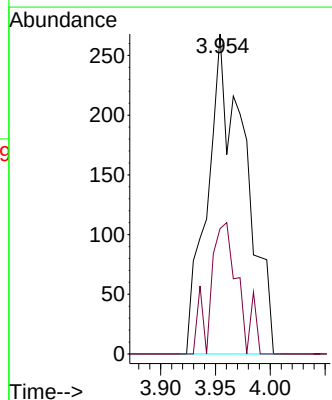
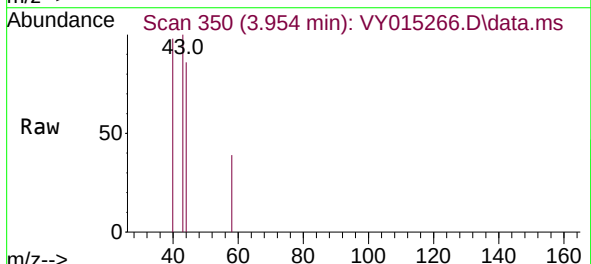
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)

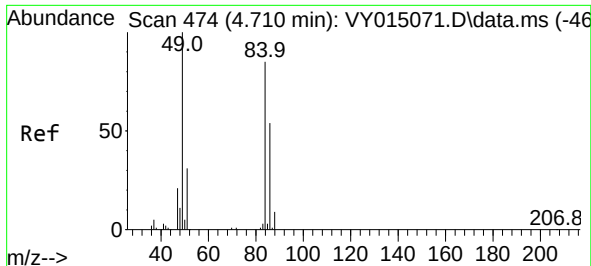
Tgt Ion: 59 Resp: 1183
Ion Ratio Lower Upper
59 100
57 2.1 3.0 4.4#



#16
Acetone
Concen: 1.274 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 39.2 22.7 34.1#

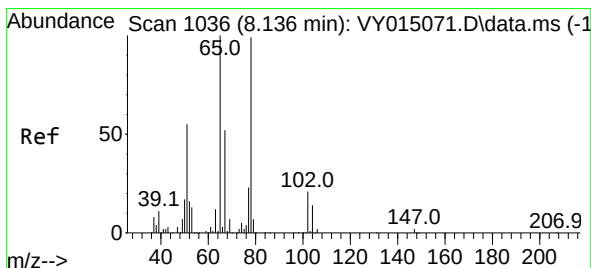
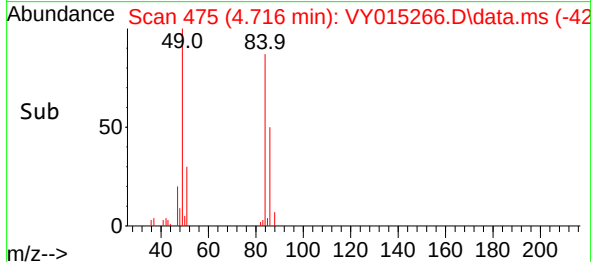
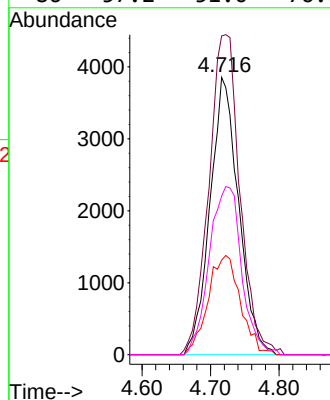
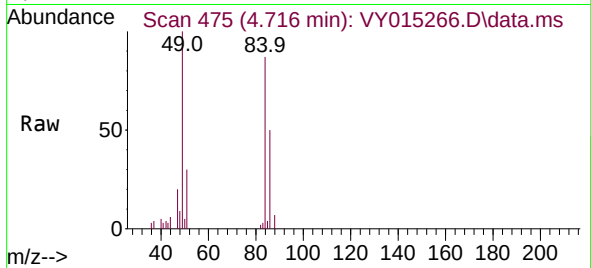




#20
Methylene Chloride
Concen: 5.453 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

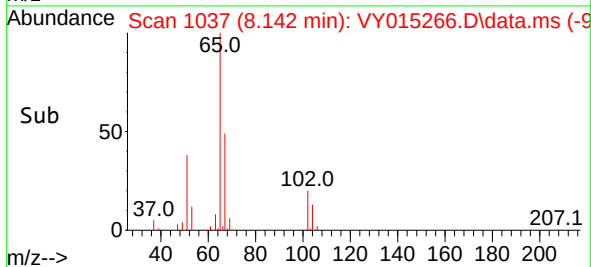
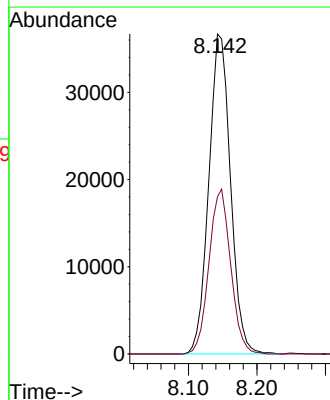
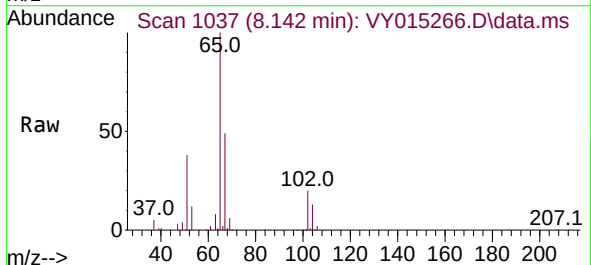
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)

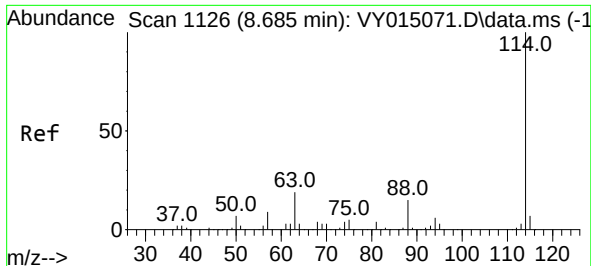
Tgt Ion:	84	Resp:	11184
Ion	Ratio	Lower	Upper
84	100		
49	114.9	106.9	160.3
51	34.1	33.2	49.8
86	57.2	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 52.535 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Tgt Ion:	65	Resp:	80638
Ion	Ratio	Lower	Upper
65	100		
67	51.5	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: VY015266.D

Acq: 23 Aug 2023 00:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(1-2)

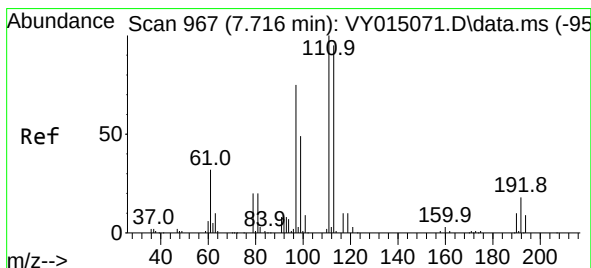
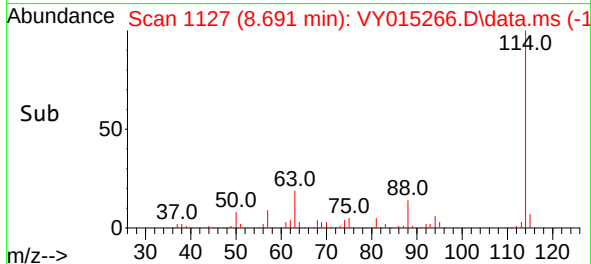
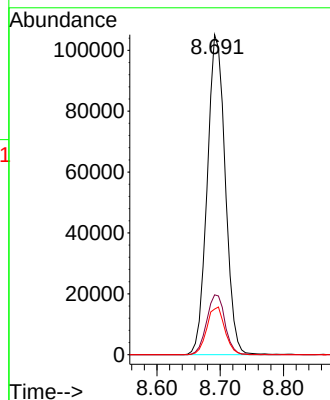
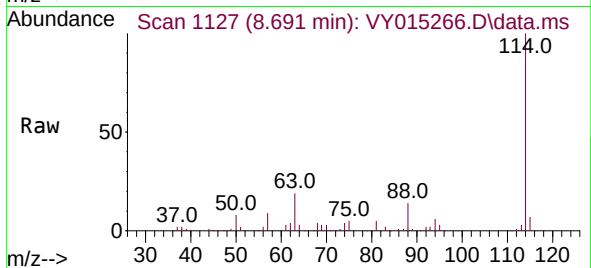
Tgt Ion:114 Resp: 208404

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.717 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015266.D

Acq: 23 Aug 2023 00:15

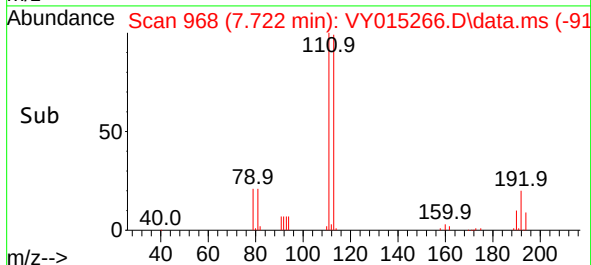
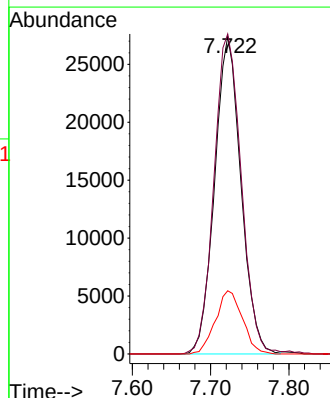
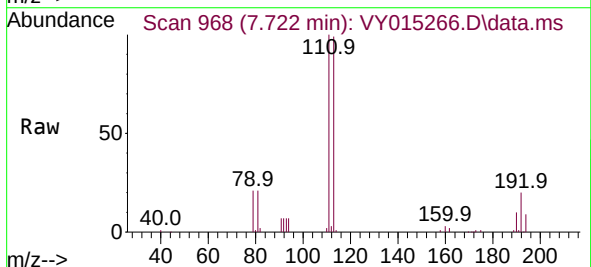
Tgt Ion:113 Resp: 63976

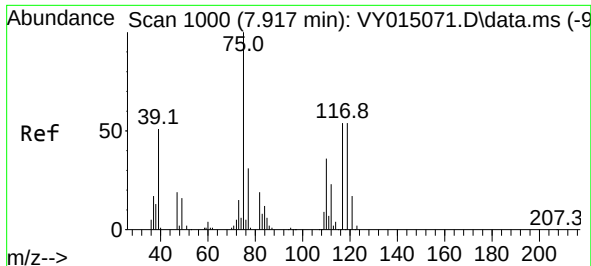
Ion Ratio Lower Upper

113 100

111 104.7 81.3 121.9

192 20.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.480 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.116 min

Lab File: VY015266.D

Acq: 23 Aug 2023 00:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(1-2)

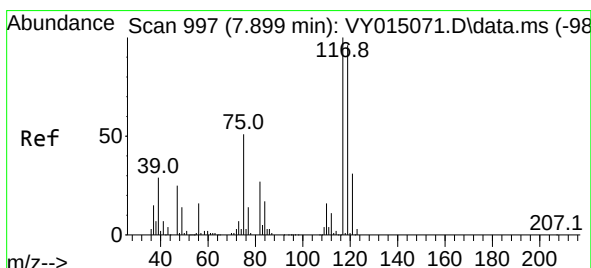
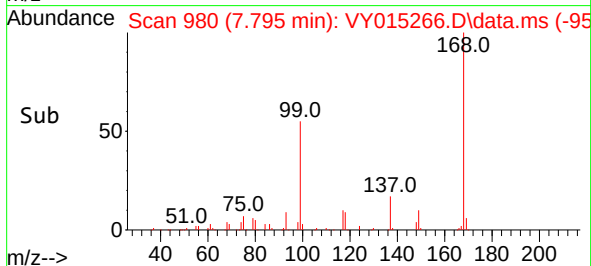
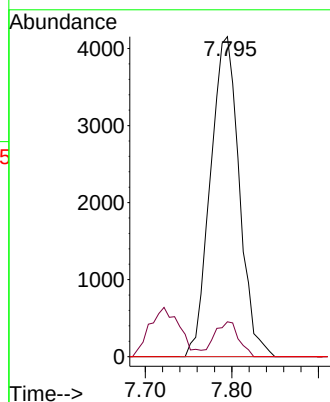
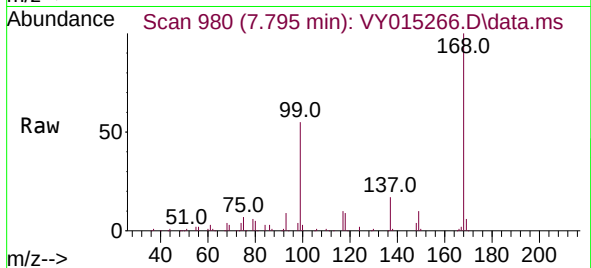
Tgt Ion: 75 Resp: 9611

Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.298 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY015266.D

Acq: 23 Aug 2023 00:15

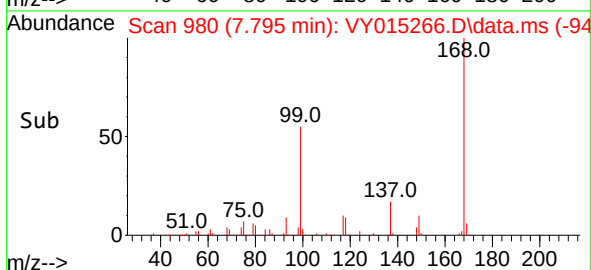
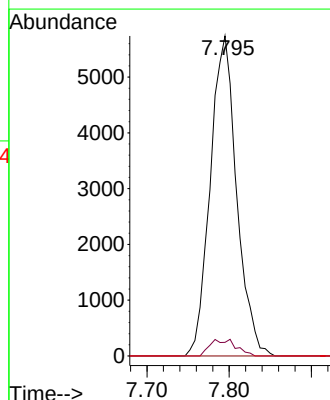
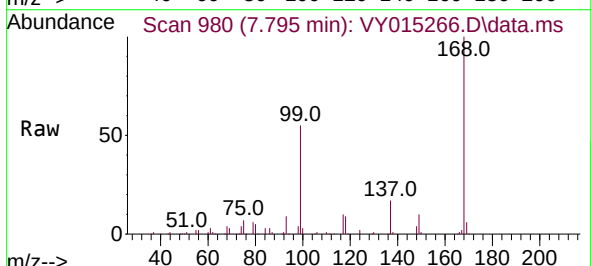
Tgt Ion: 117 Resp: 12811

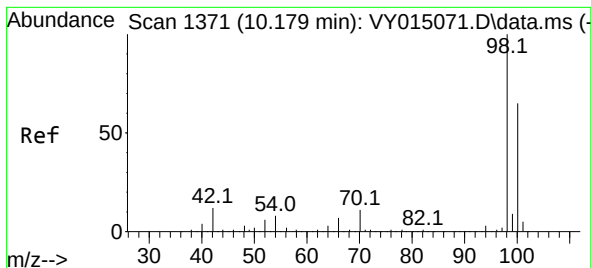
Ion Ratio Lower Upper

117 100

119 4.3 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.807 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015266.D

Acq: 23 Aug 2023 00:15

Instrument :

MSVOA_Y

ClientSampleId :

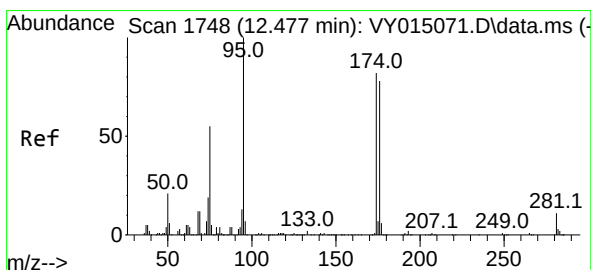
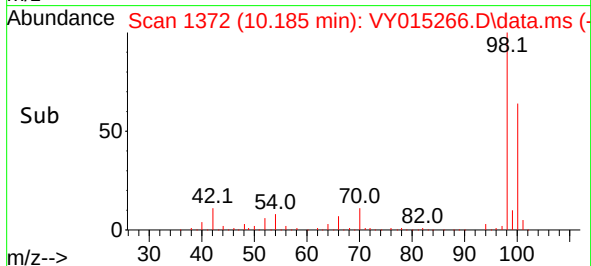
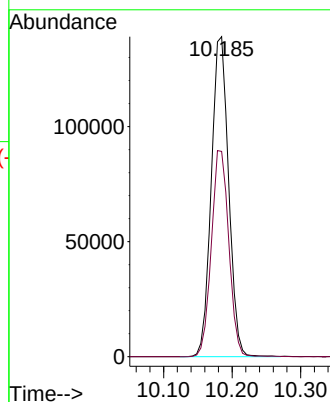
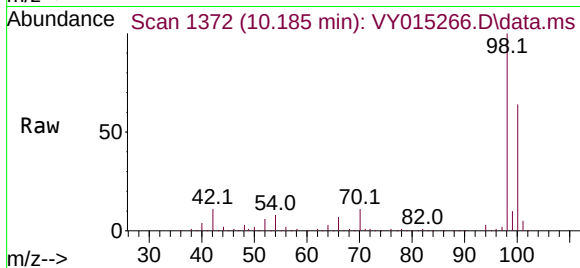
TP-04(1-2)

Tgt Ion: 98 Resp: 243595

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 42.403 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015266.D

Acq: 23 Aug 2023 00:15

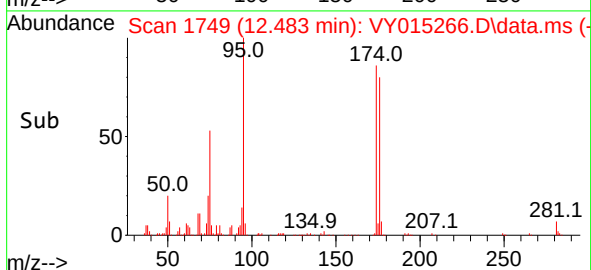
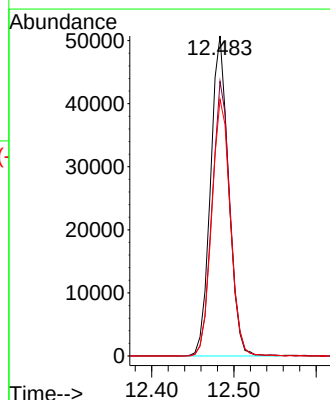
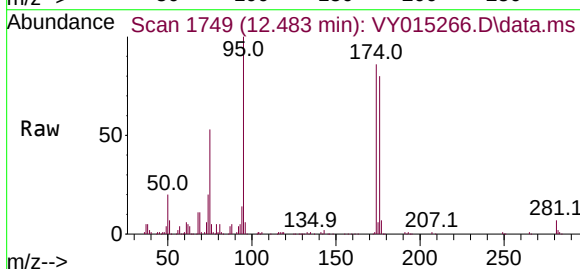
Tgt Ion: 95 Resp: 77299

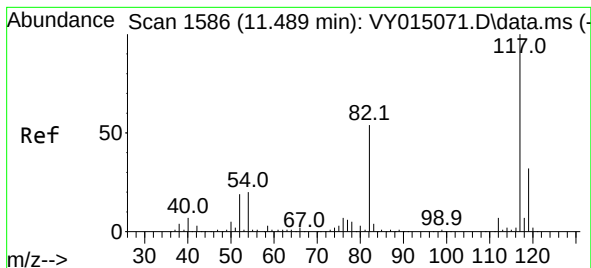
Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.2

176 82.3 0.0 173.8

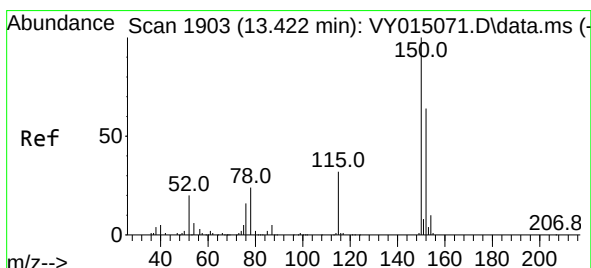
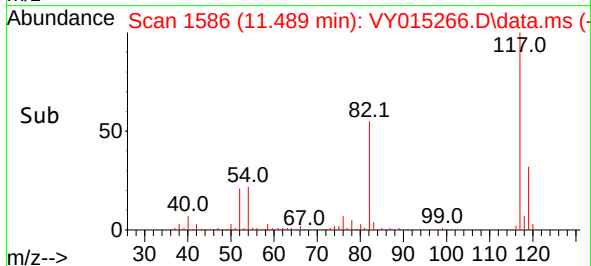
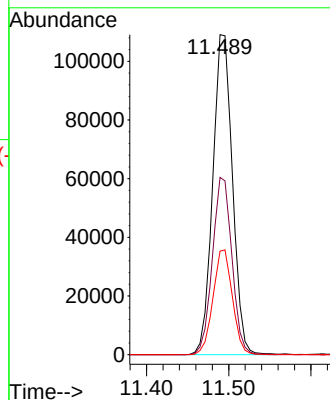
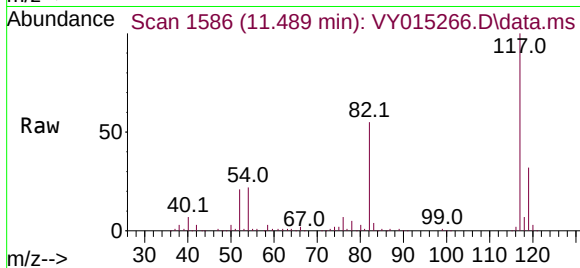




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

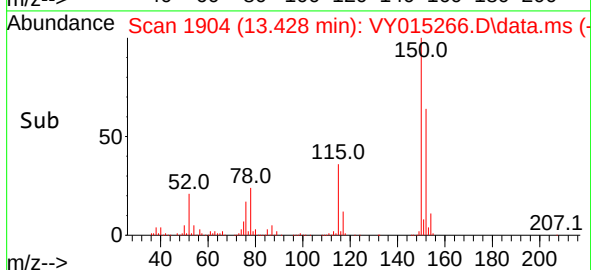
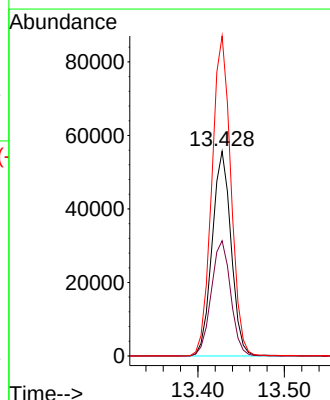
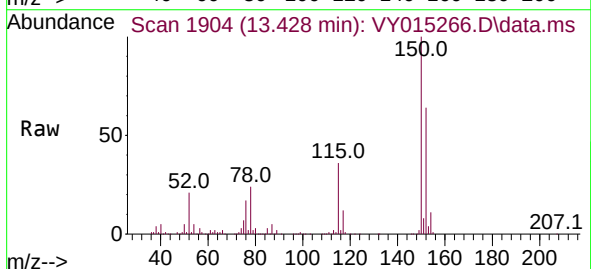
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)

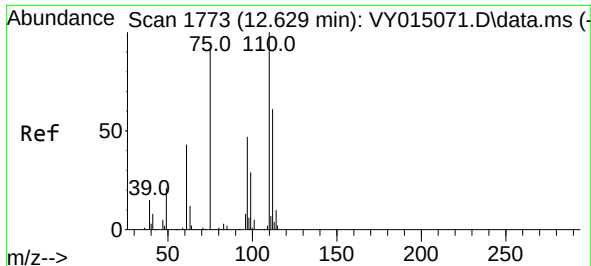
Tgt Ion:117 Resp: 181826
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Tgt Ion:152 Resp: 84649
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 157.1 0.0 348.8

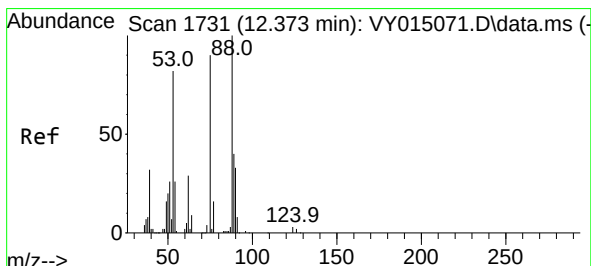
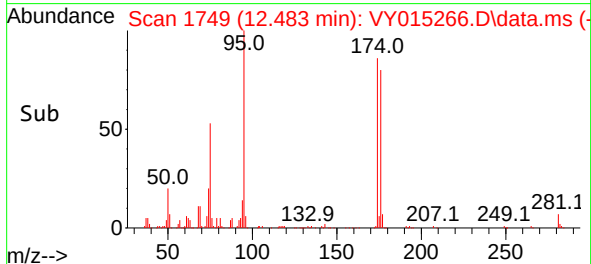
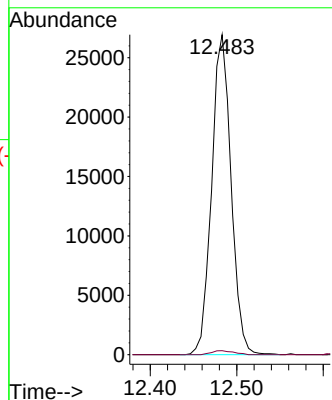
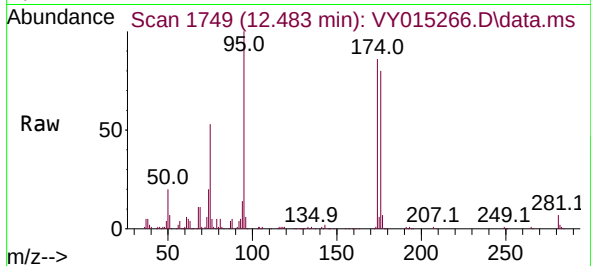




#76
1,2,3-Trichloropropane
Concen: 40.796 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)

Tgt Ion: 75 Resp: 41955
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Tgt Ion: 75 Resp: 41955
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

