

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015960.D
 Acq On : 13 Oct 2023 16:16
 Operator : SY/MD
 Sample : 04844-13
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 13 17:54:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

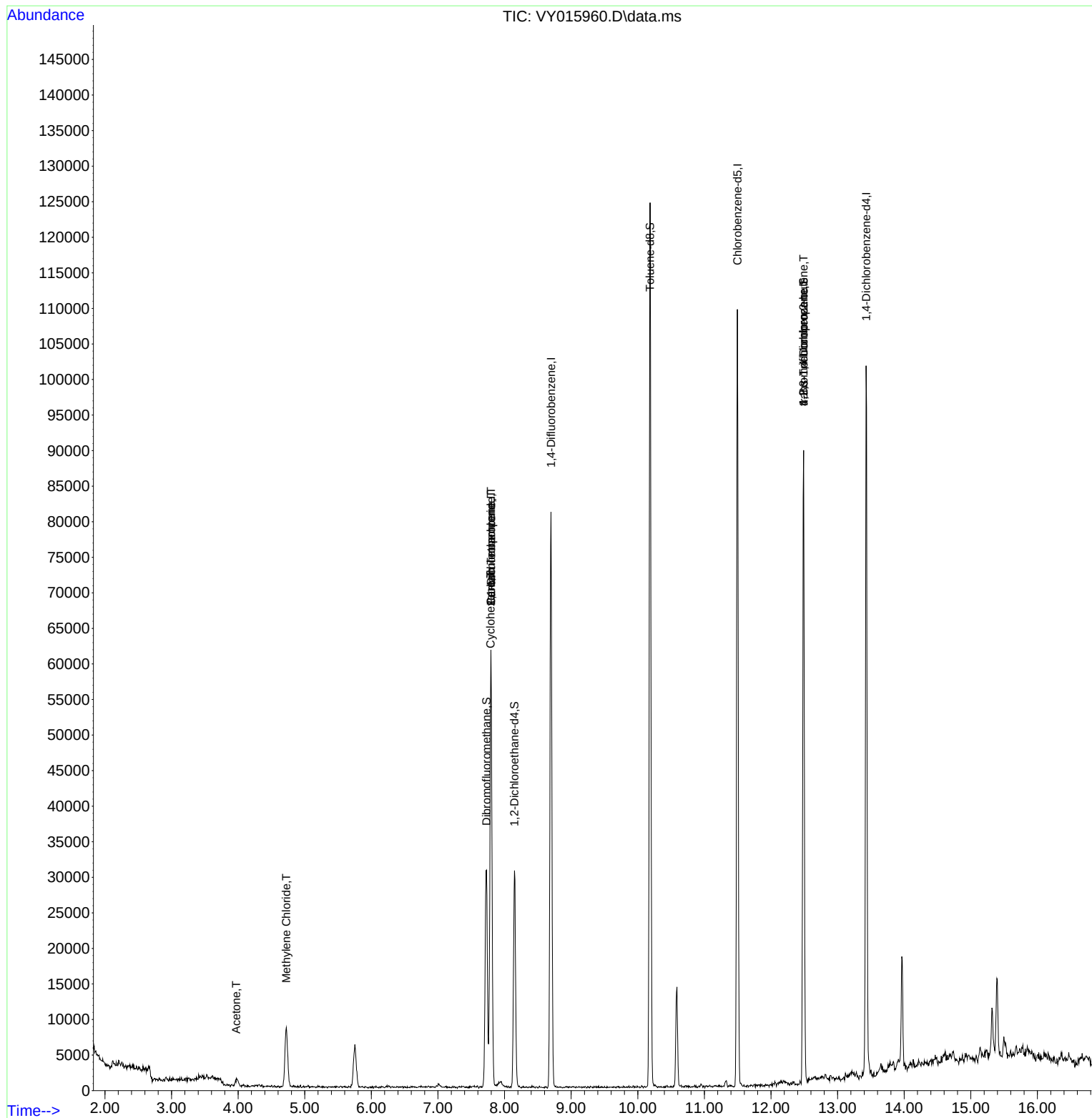
Internal Standards						
1) Pentafluorobenzene	7.795	168	46751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	69530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	60668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	23525	44.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.180%
35) Dibromofluoromethane	7.728	113	22623	51.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.360%
50) Toluene-d8	10.185	98	80304	48.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.489	95	24266	41.572	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	426	Below Cal	#	60
16) Acetone	3.973	43	2058	6.640	ug/l	93
20) Methylene Chloride	4.723	84	6376	7.221	ug/l	90
31) Cyclohexane	7.789	56	911	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	3412	5.166	ug/l #	49
38) Carbon Tetrachloride	7.795	117	4630	6.656	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	12596	25.116	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	12596	59.166	ug/l #	10

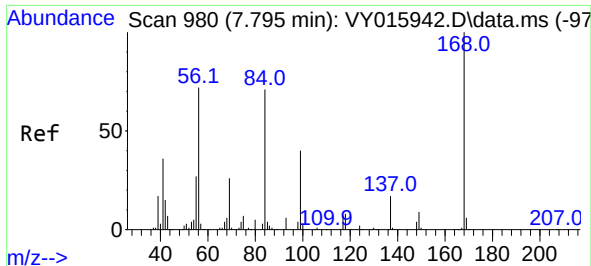
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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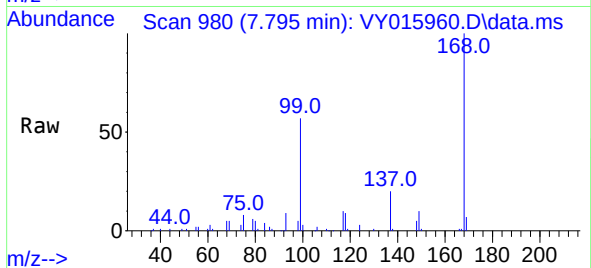
Quant Time: Oct 13 17:54:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
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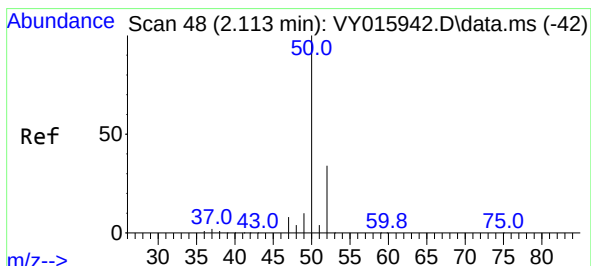
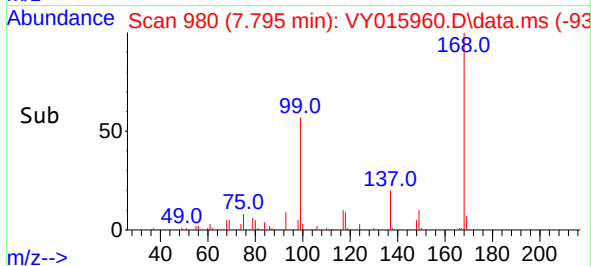
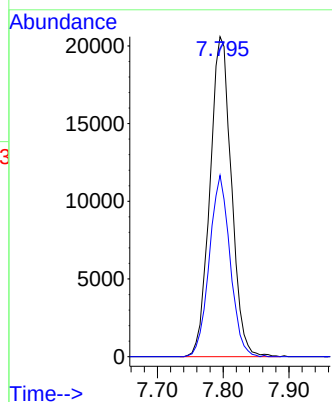


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

Instrument :
MSVOA_Y
ClientSampleId :

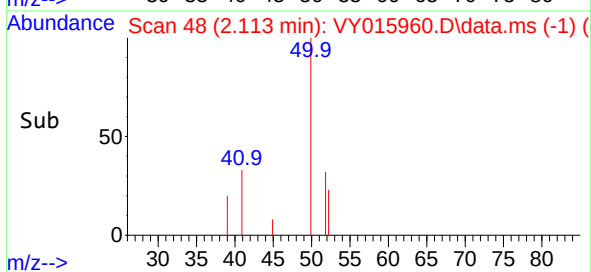
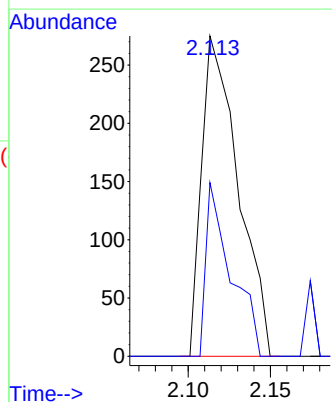
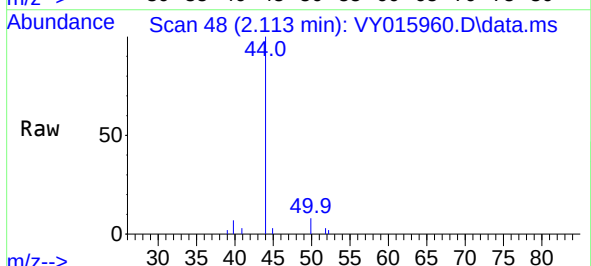


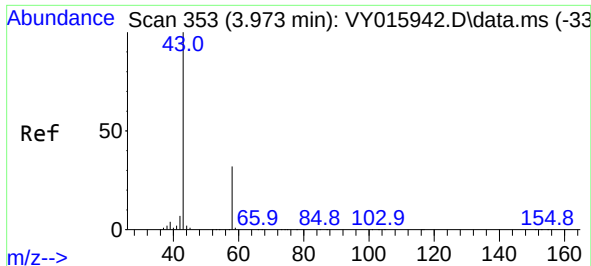
Tgt Ion:168 Resp: 46751
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

Tgt Ion: 50 Resp: 426
Ion Ratio Lower Upper
50 100
52 54.2 25.4 38.2#

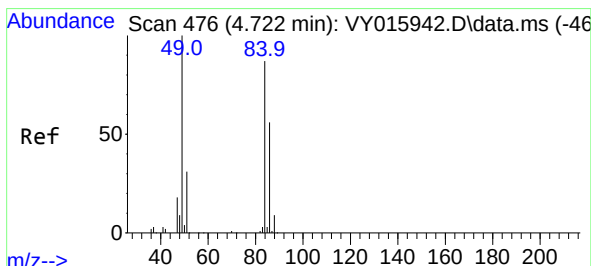
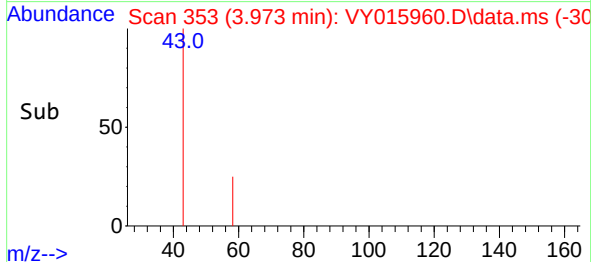
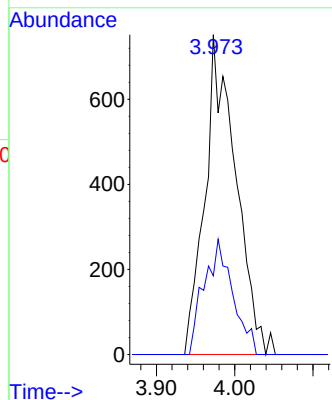
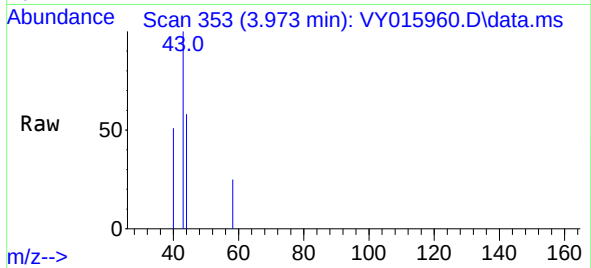




#16
Acetone
Concen: 6.640 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

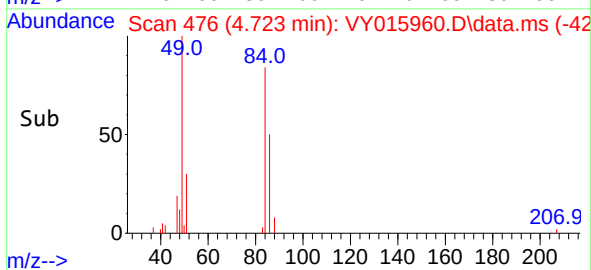
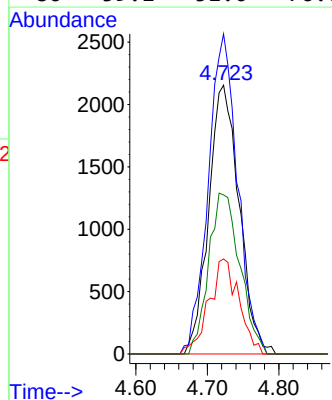
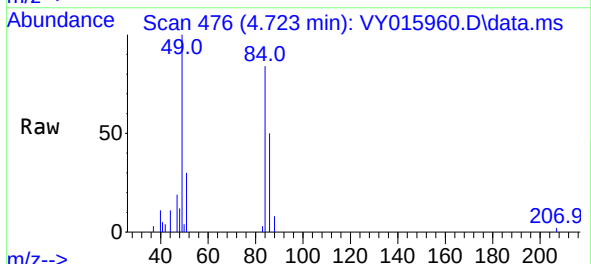
Instrument :
MSVOA_Y
ClientSampleId :

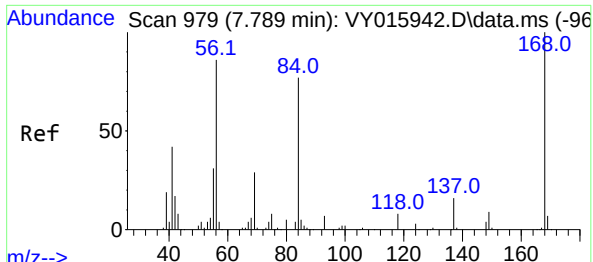
Tgt Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
58 24.6 22.7 34.1



#20
Methylene Chloride
Concen: 7.221 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

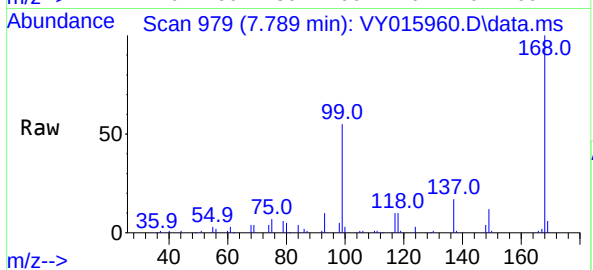
Tgt Ion: 84 Resp: 6376
Ion Ratio Lower Upper
84 100
49 119.0 106.9 160.3
51 35.3 33.2 49.8
86 59.1 51.0 76.6



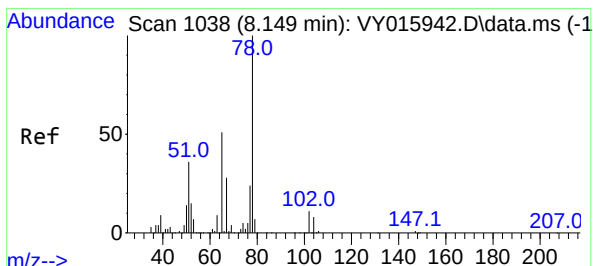
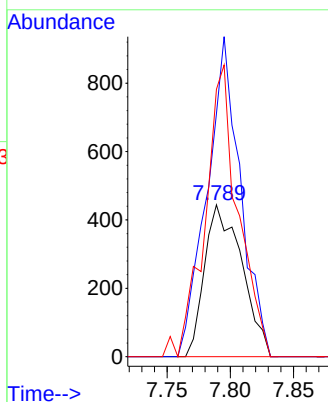
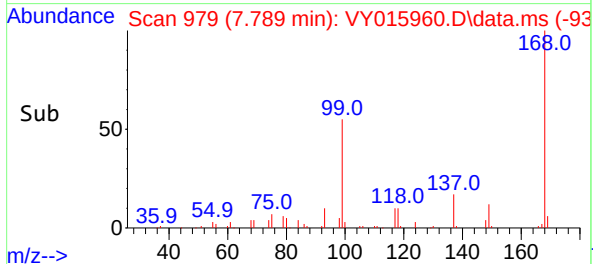


#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

Instrument :
MSVOA_Y
ClientSampleId :

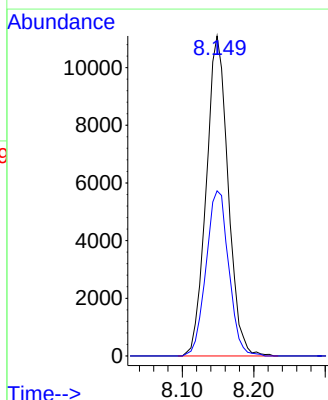
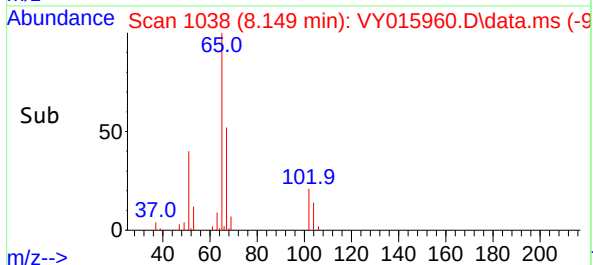
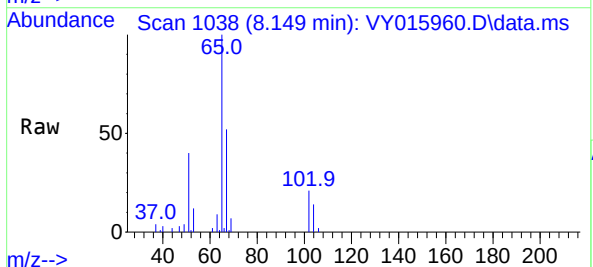


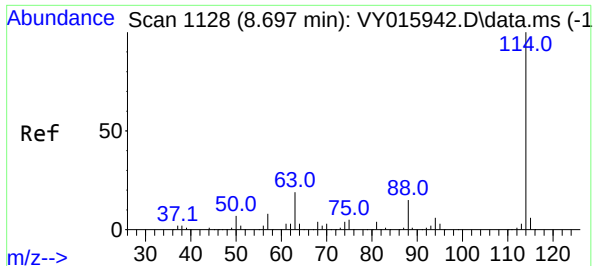
Tgt Ion: 56 Resp: 911
Ion Ratio Lower Upper
56 100
69 160.1 27.8 41.6#
84 176.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 44.091 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

Tgt Ion: 65 Resp: 23525
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015960.D

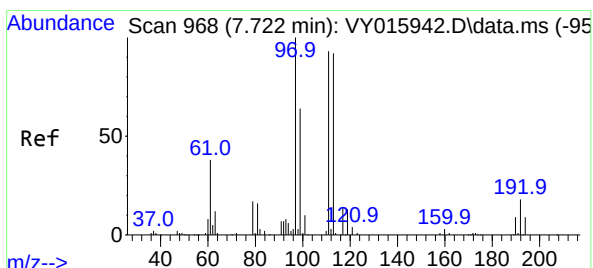
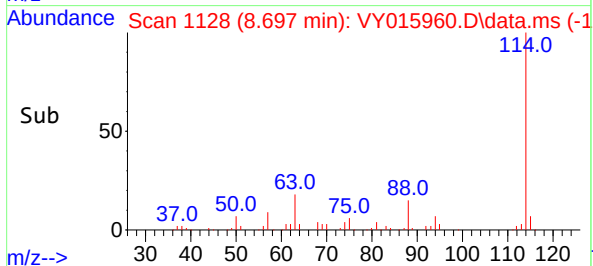
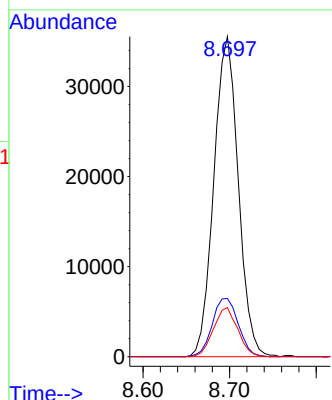
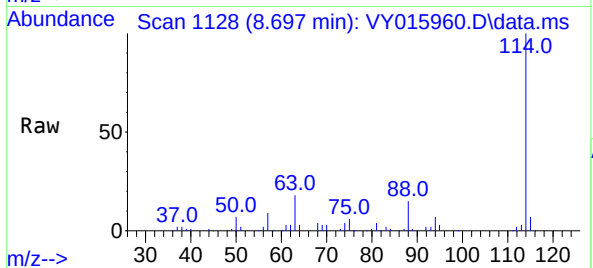
Acq: 13 Oct 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	69530
Ion Ratio	Lower	Upper
114	100	
63	18.2	0.0 42.4
88	15.3	0.0 30.6



#35

Dibromofluoromethane

Concen: 51.683 ug/l

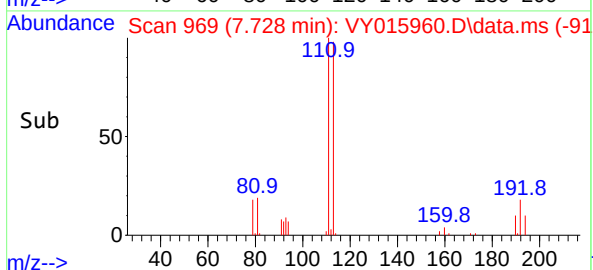
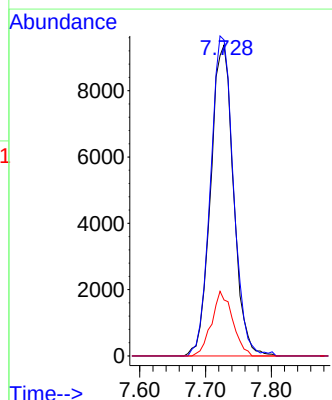
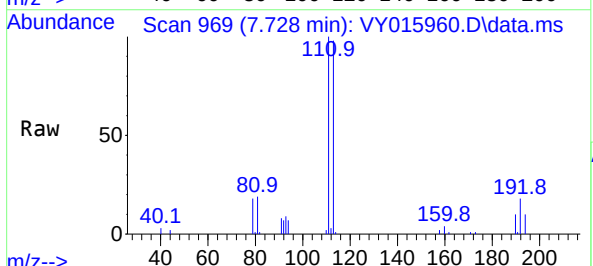
RT: 7.728 min Scan# 969

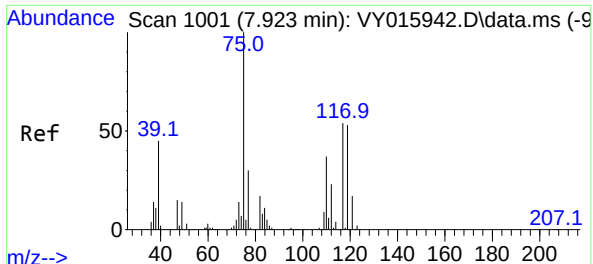
Delta R.T. 0.006 min

Lab File: VY015960.D

Acq: 13 Oct 2023 16:16

Tgt Ion:113	Resp:	22623
Ion Ratio	Lower	Upper
113	100	
111	103.4	81.3 121.9
192	19.2	16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.166 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

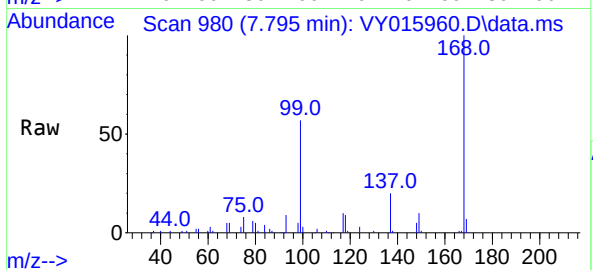
Lab File: VY015960.D

Acq: 13 Oct 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :



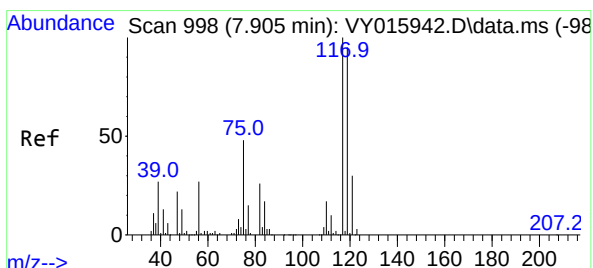
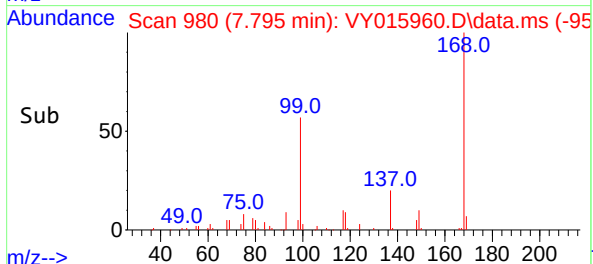
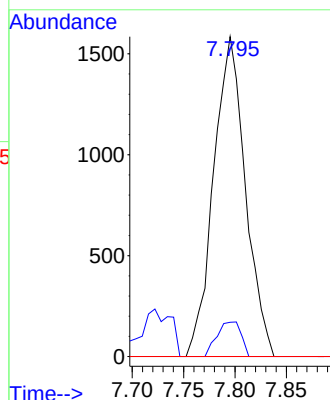
Tgt Ion: 75 Resp: 3412

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.656 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY015960.D

Acq: 13 Oct 2023 16:16

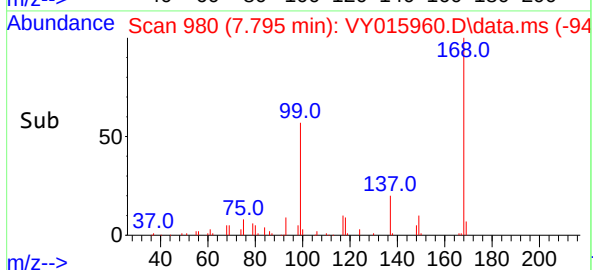
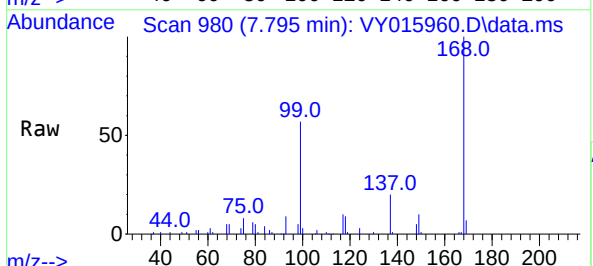
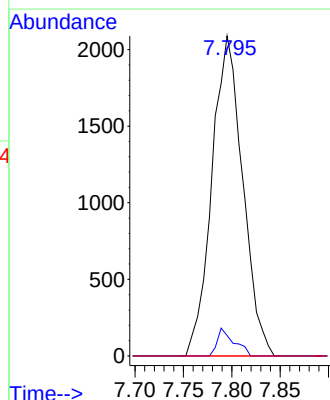
Tgt Ion: 117 Resp: 4630

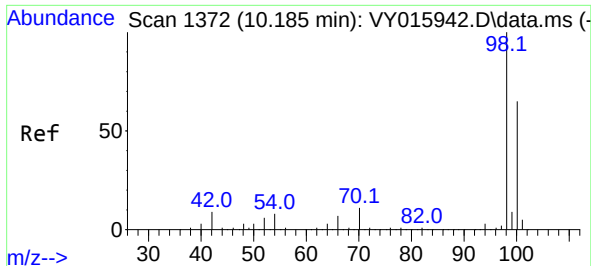
Ion Ratio Lower Upper

117 100

119 6.4 76.4 114.6#

121 0.0 25.8 38.6#

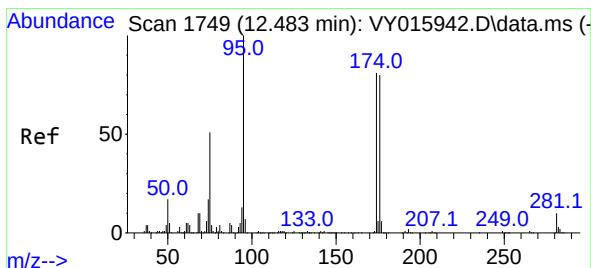
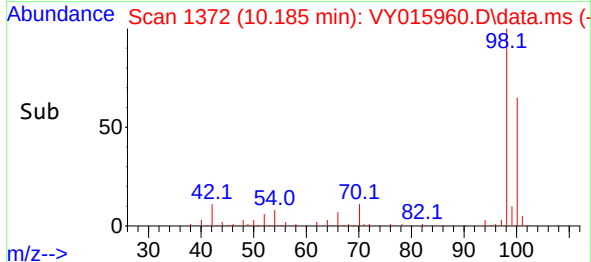
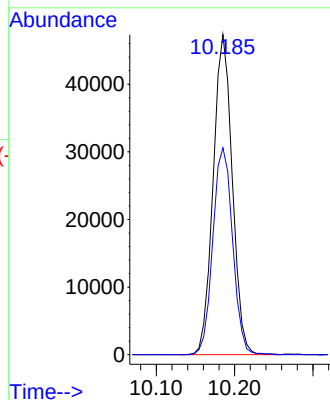
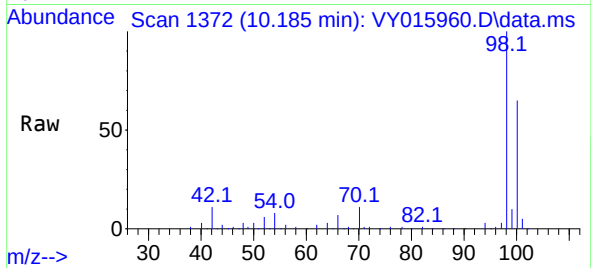




#50
Toluene-d8
Concen: 48.988 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

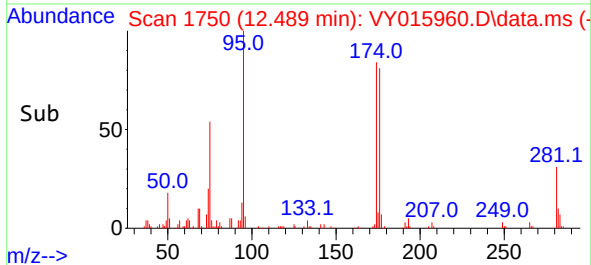
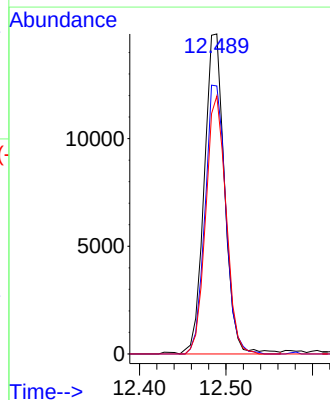
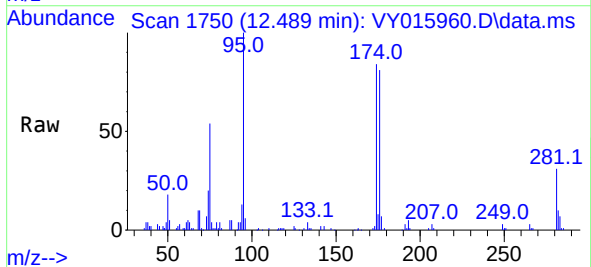
Instrument :
MSVOA_Y
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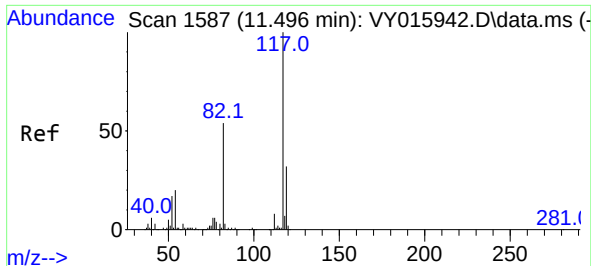
Tgt Ion: 98 Resp: 80304
Ion Ratio Lower Upper
98 100
100 66.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.572 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

Tgt Ion: 95 Resp: 24266
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 80.1 0.0 173.8

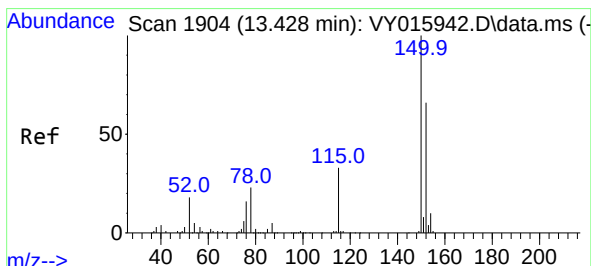
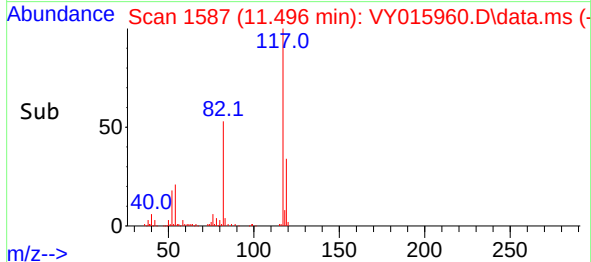
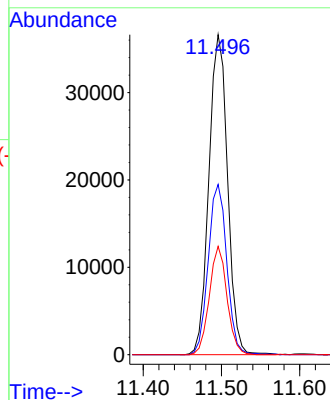
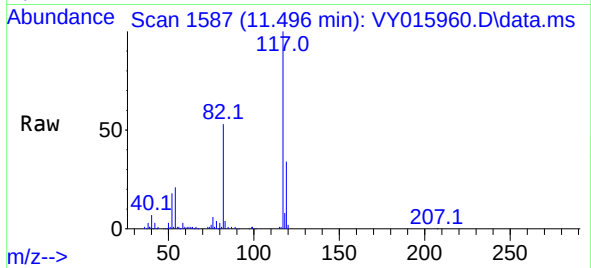




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

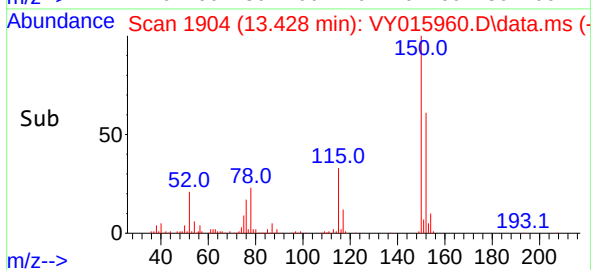
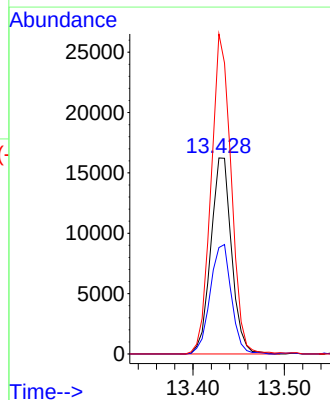
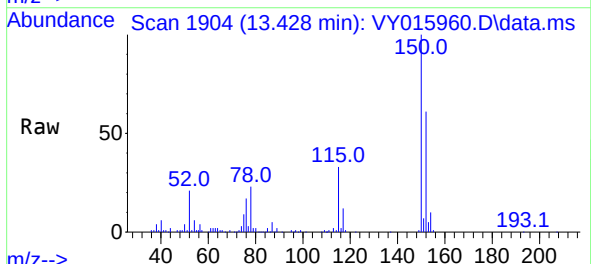
Instrument :
MSVOA_Y
ClientSampleId :

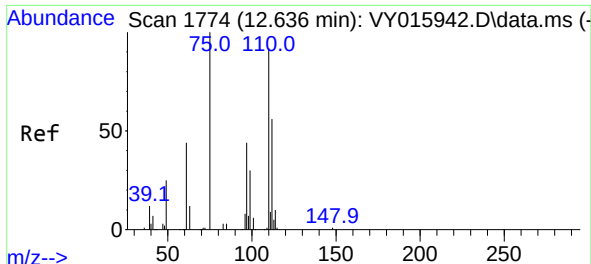
Tgt Ion:117	Resp:	60668
Ion Ratio	Lower	Upper
117	100	
82	53.2	43.4 65.0
119	33.8	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

Tgt Ion:152	Resp:	25626
Ion Ratio	Lower	Upper
152	100	
115	56.9	28.8 86.5
150	158.1	0.0 348.8

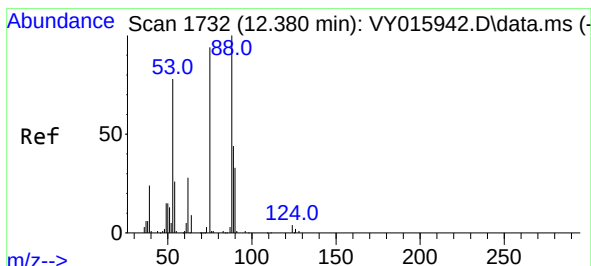
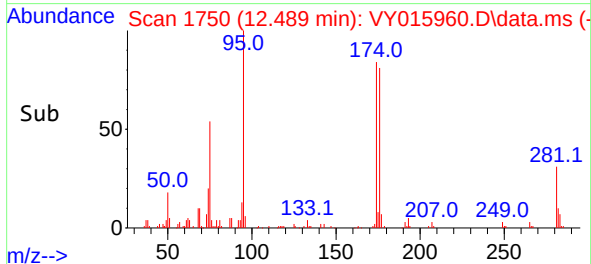
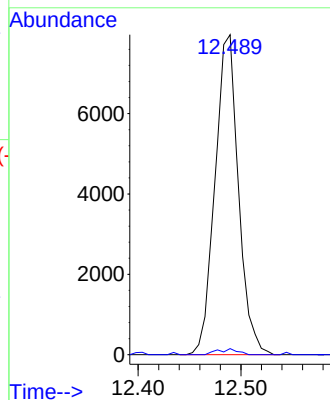
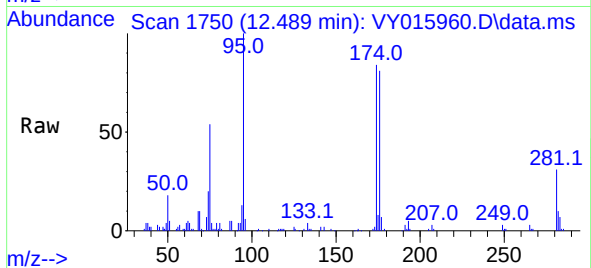




#76
1,2,3-Trichloropropane
Concen: 25.116 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 12596
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.166 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

Tgt Ion: 75 Resp: 12596
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

