

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009907.D
 Acq On : 09 Aug 2022 04:43
 Operator : KP/MD
 Sample : N3962-06
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 07:01:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

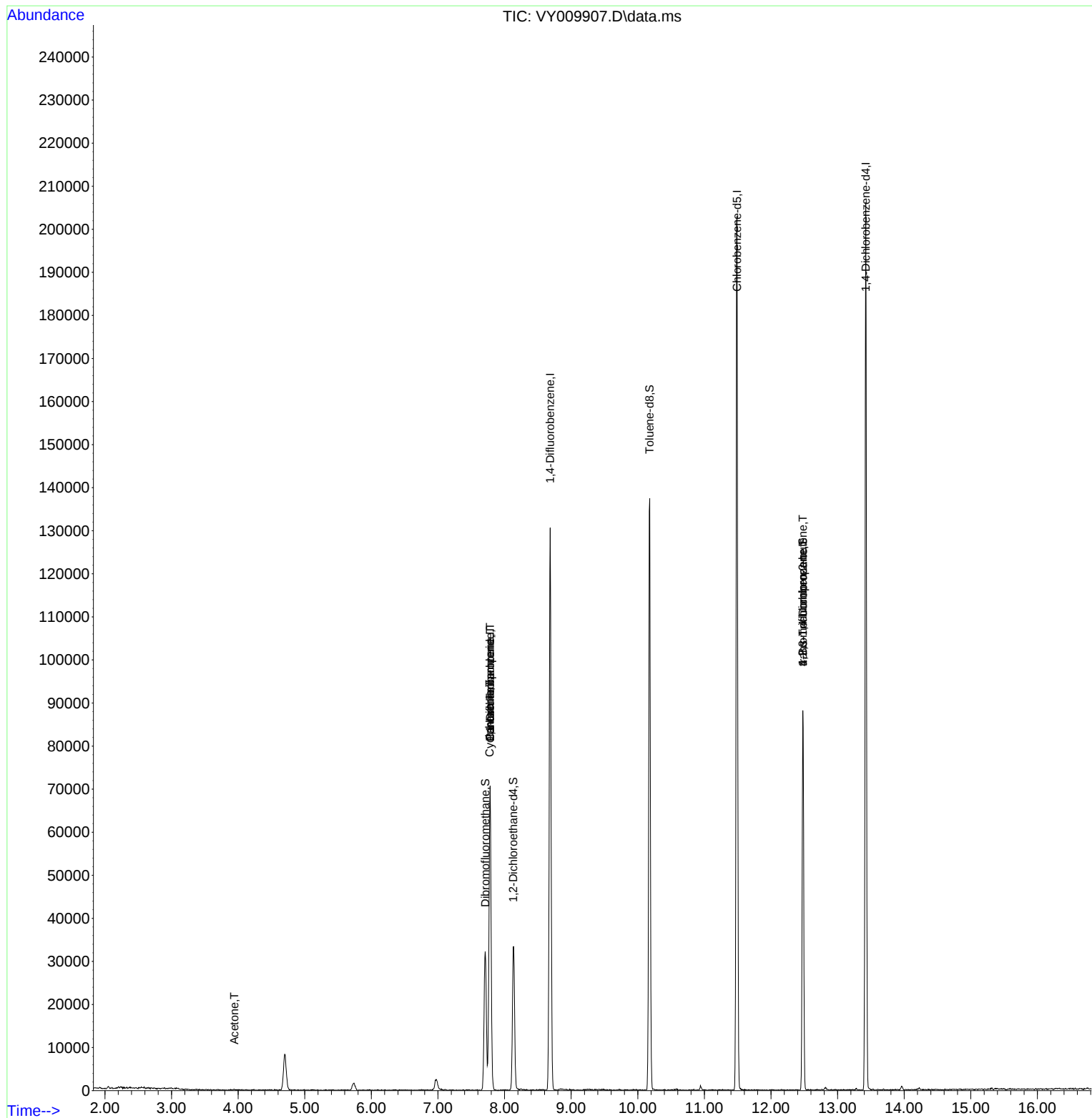
Internal Standards						
1) Pentafluorobenzene	7.783	168	52542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	106322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	108300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24663	61.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.500%
35) Dibromofluoromethane	7.710	113	23423	40.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.160%
50) Toluene-d8	10.179	98	85561	48.774	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.477	95	26425	32.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.580%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	156	1.053	ug/l #	45
18) Methyl Acetate	4.466	43	127	Below Cal	#	52
20) Methylene Chloride	4.698	84	5881	Below Cal		96
31) Cyclohexane	7.777	56	1275	1.250	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	4375	4.492	ug/l #	46
38) Carbon Tetrachloride	7.783	117	5057	5.232	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	14114	26.440	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14114	53.456	ug/l #	13

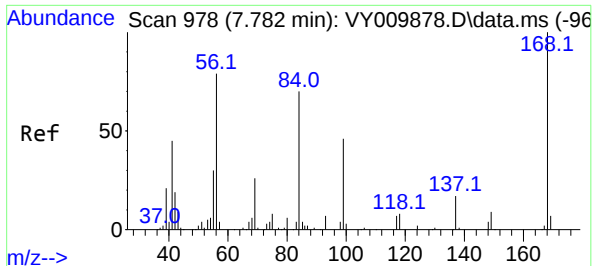
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :
VSTDC050EC

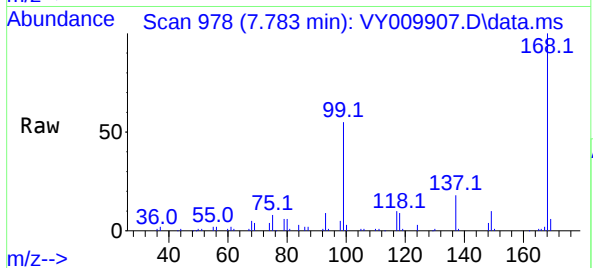
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
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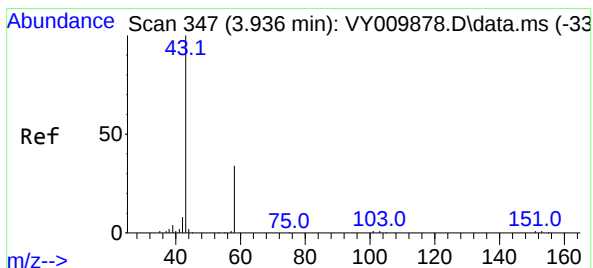
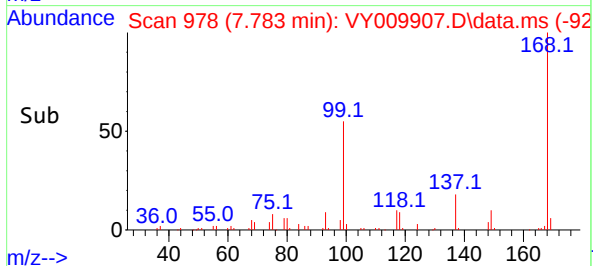
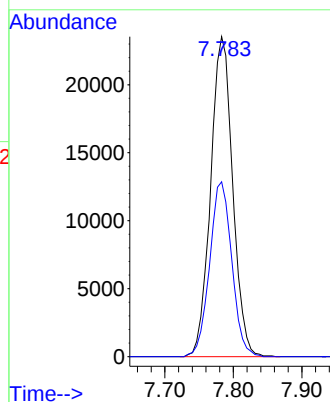


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

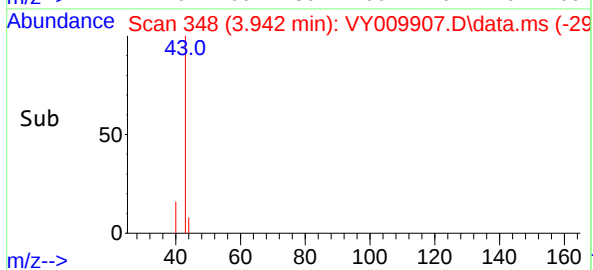
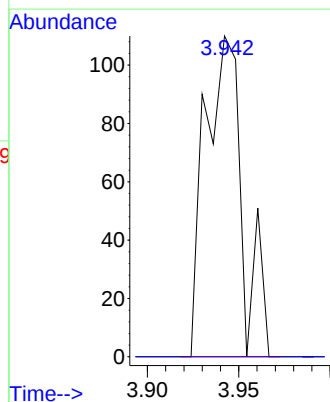
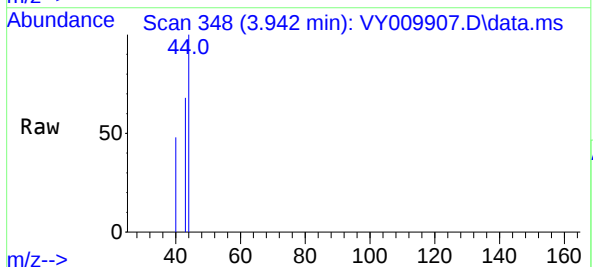


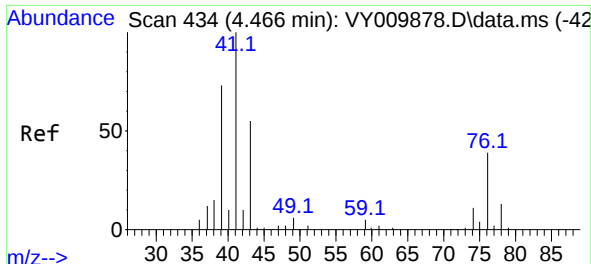
Tgt Ion:168 Resp: 52542
Ion Ratio Lower Upper
168 100
99 54.6 42.1 63.1



#16
Acetone
Concen: 1.053 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

Tgt Ion: 43 Resp: 156
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

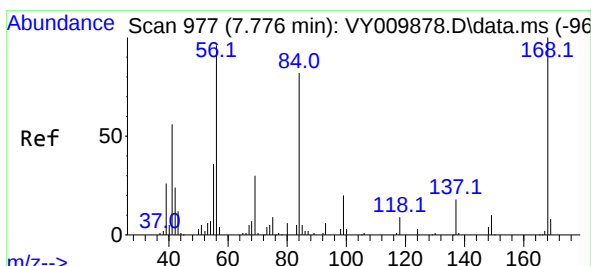
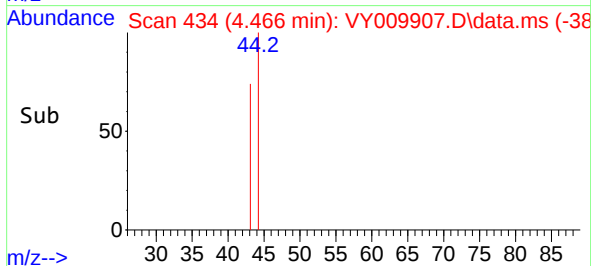
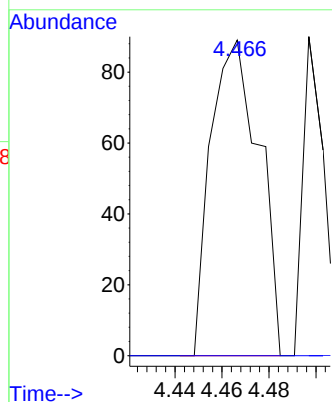
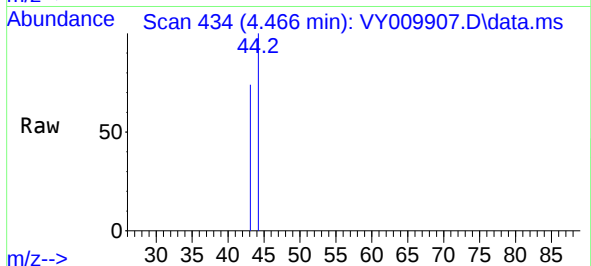




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

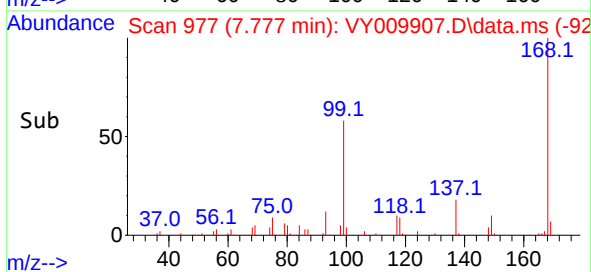
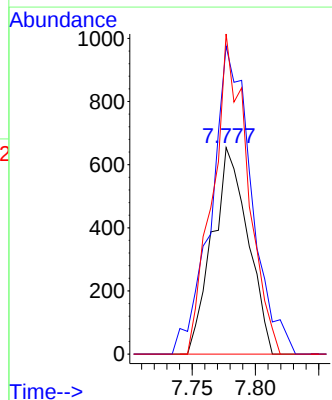
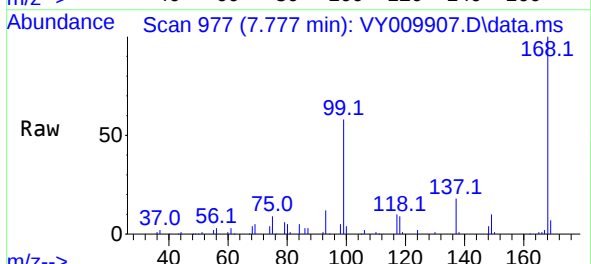
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

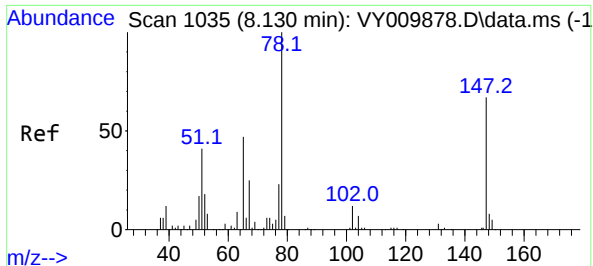
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.001 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

Tgt Ion: 56 Resp: 1275
Ion Ratio Lower Upper
56 100
69 136.9 26.0 39.0#
84 155.0 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 61.253 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009907.D

Acq: 09 Aug 2022 04:43

Instrument :

MSVOA_Y

ClientSampleId :

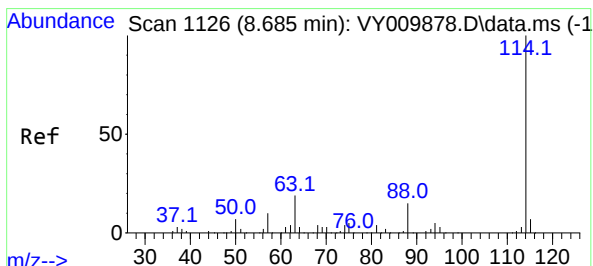
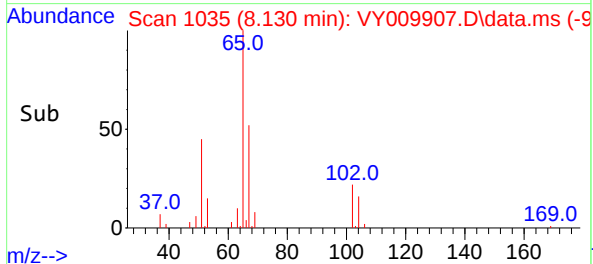
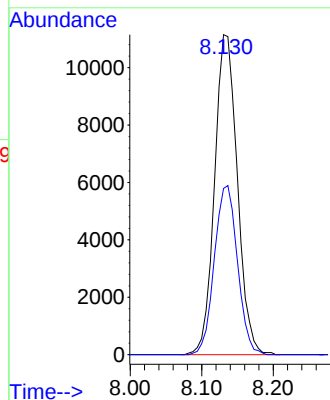
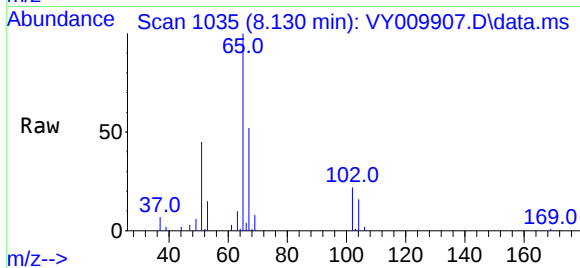
VSTDCCC050EC

Tgt Ion: 65 Resp: 24663

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009907.D

Acq: 09 Aug 2022 04:43

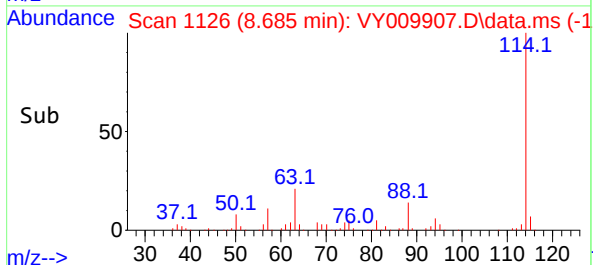
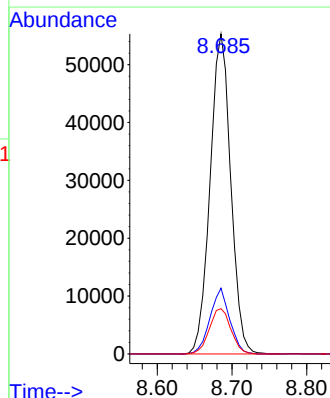
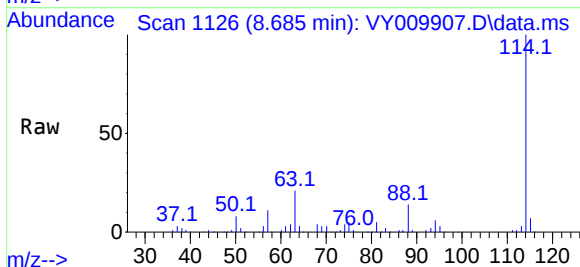
Tgt Ion: 114 Resp: 106322

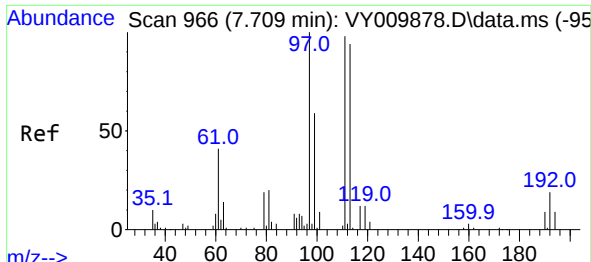
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

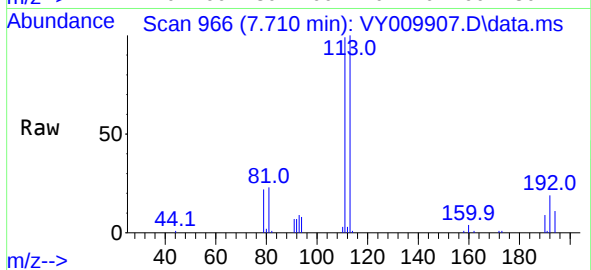
88 14.1 0.0 30.0



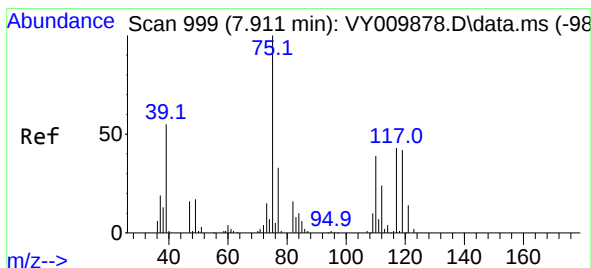
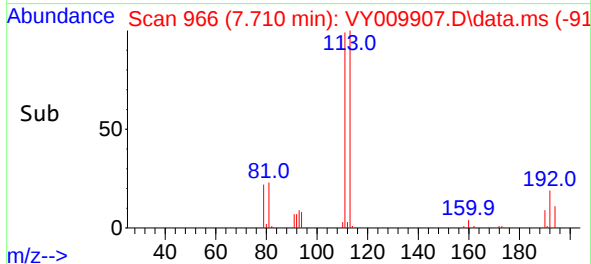
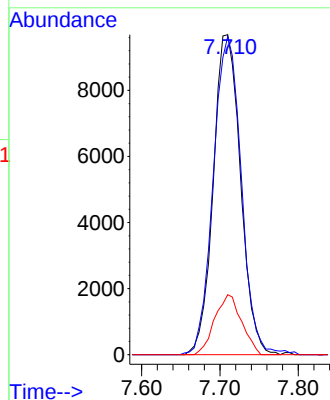


#35
Dibromofluoromethane
Concen: 40.583 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.001 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

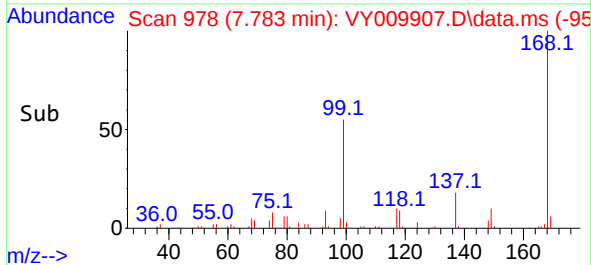
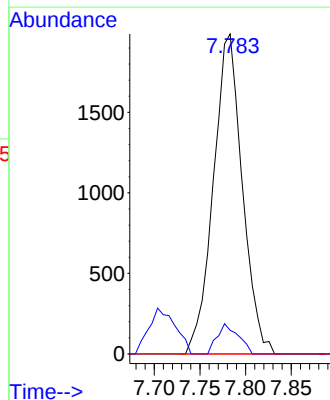
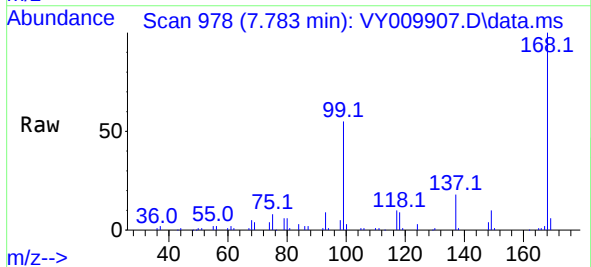


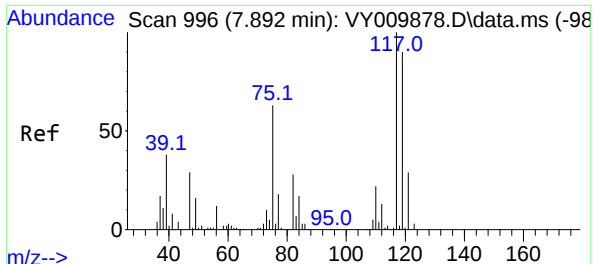
Tgt Ion:113 Resp: 23423
Ion Ratio Lower Upper
113 100
111 102.3 80.6 120.8
192 18.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.492 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

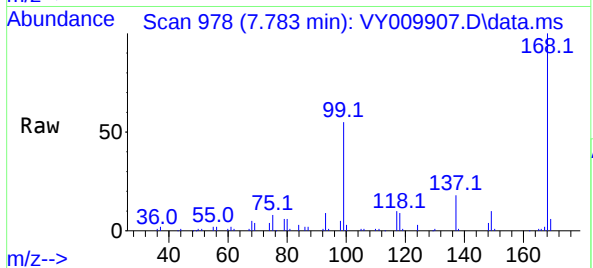
Tgt Ion: 75 Resp: 4375
Ion Ratio Lower Upper
75 100
110 6.9 18.6 56.0#
77 0.0 25.0 37.4#



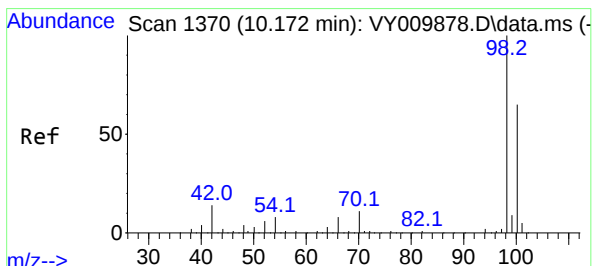
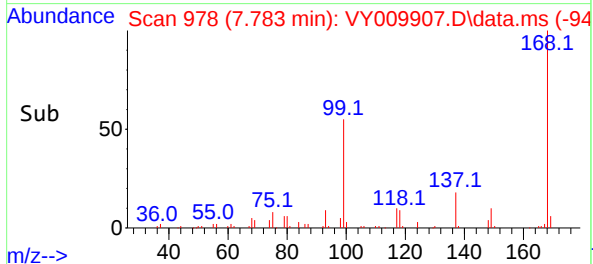
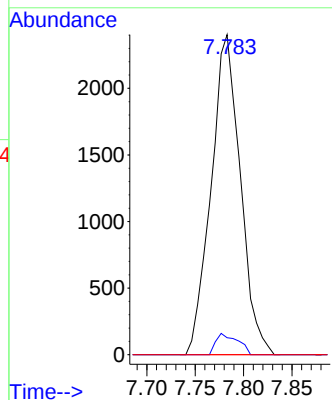


#38
Carbon Tetrachloride
Concen: 5.232 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

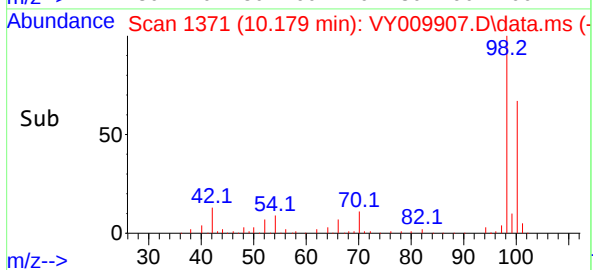
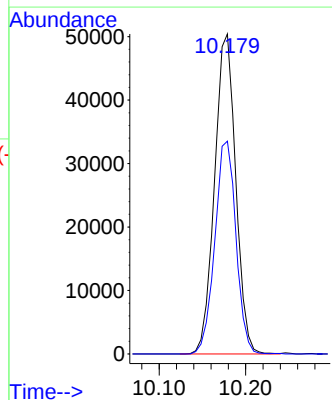
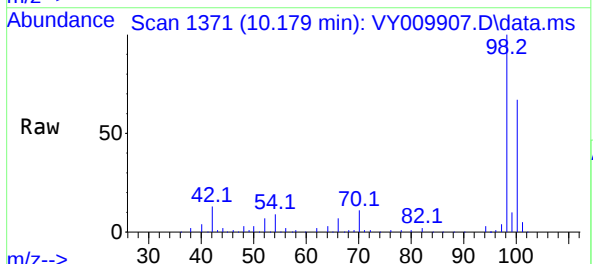


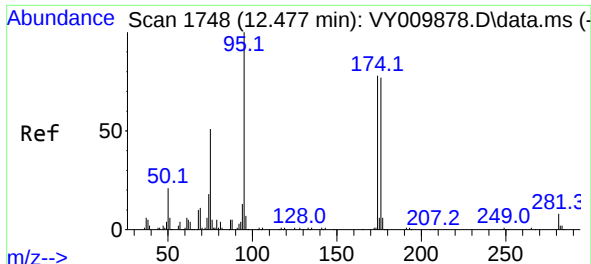
Tgt Ion:117 Resp: 5057
Ion Ratio Lower Upper
117 100
119 5.3 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 48.774 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

Tgt Ion: 98 Resp: 85561
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3

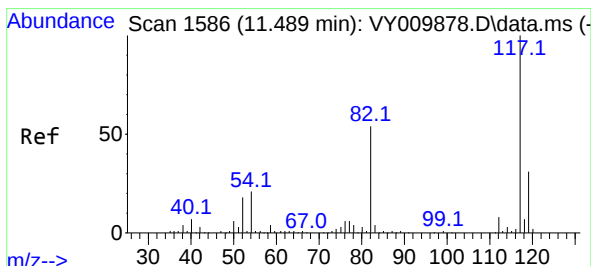
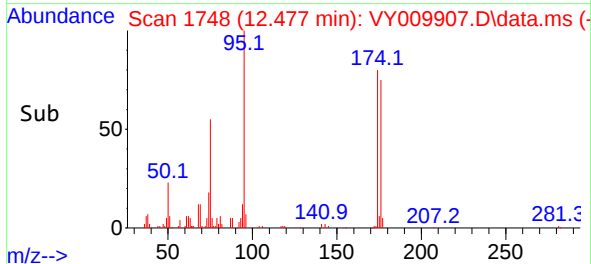
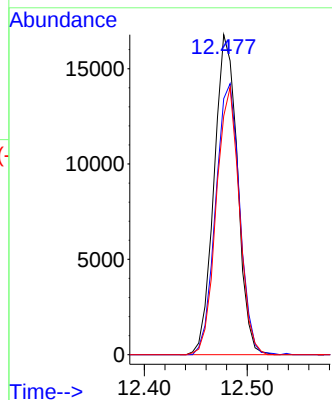
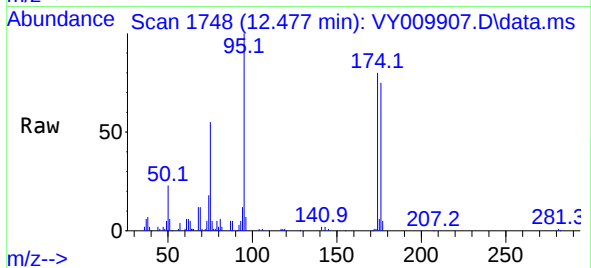




#62
4-Bromofluorobenzene
Concen: 32.790 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

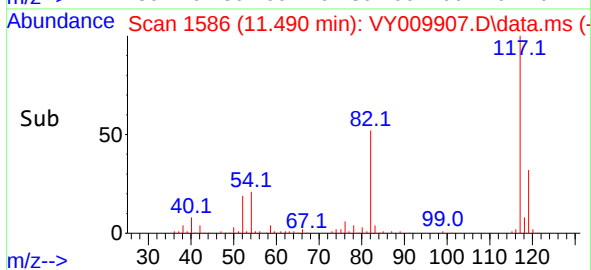
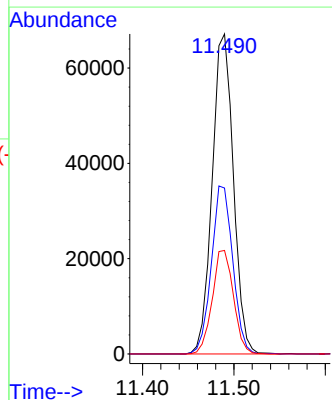
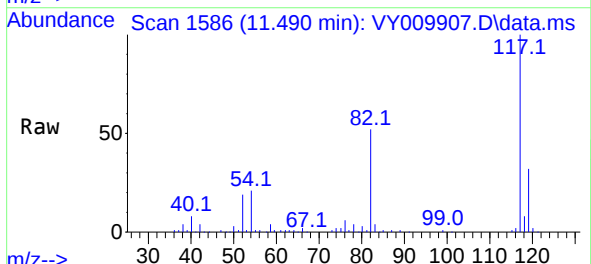
Instrument :
MSVOA_Y
ClientSampleId :
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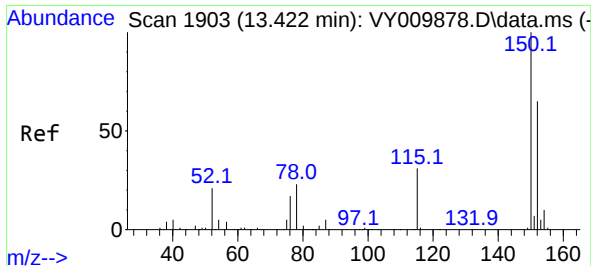
Tgt Ion: 95 Resp: 26425
Ion Ratio Lower Upper
95 100
174 86.9 0.0 173.8
176 82.2 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

Tgt Ion: 117 Resp: 108300
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.6
119 32.4 25.6 38.4

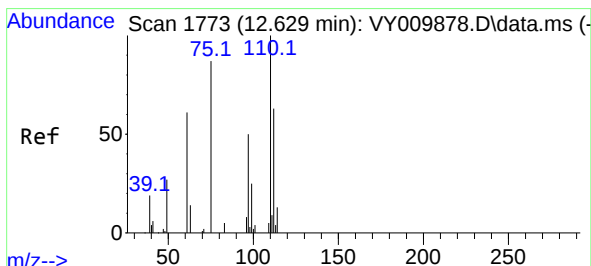
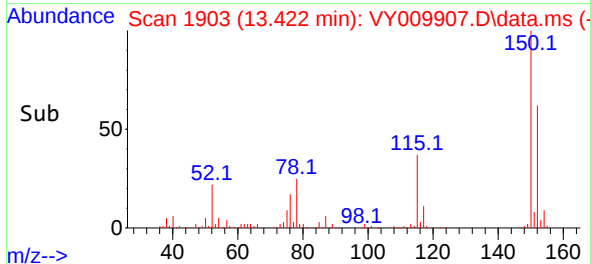
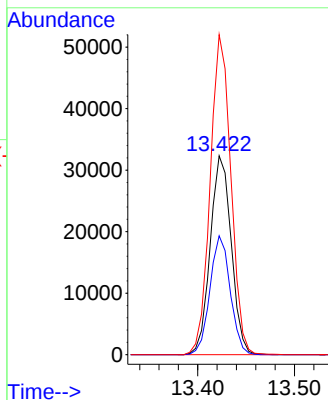
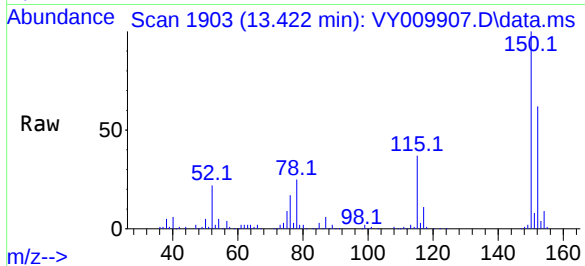




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

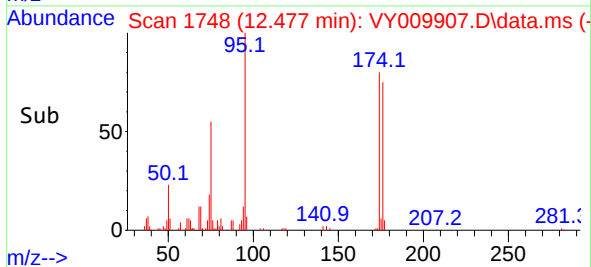
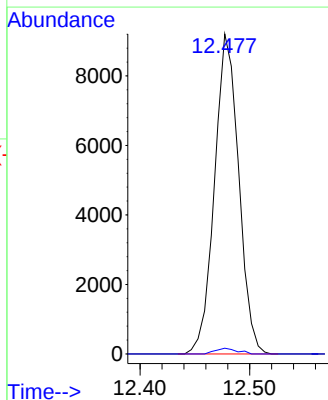
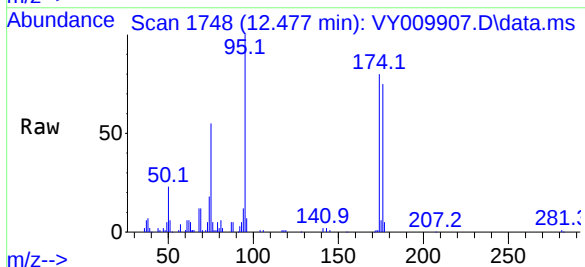
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

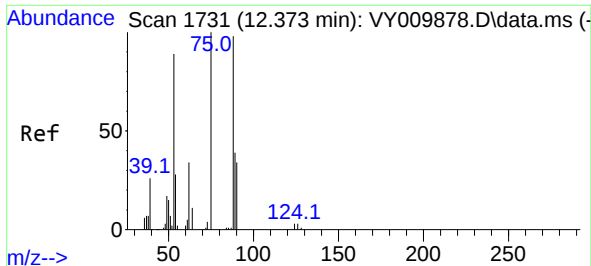
Tgt Ion:152 Resp: 48790
Ion Ratio Lower Upper
152 100
115 57.7 28.6 85.9
150 158.5 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 26.440 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009907.D
Acq: 09 Aug 2022 04:43

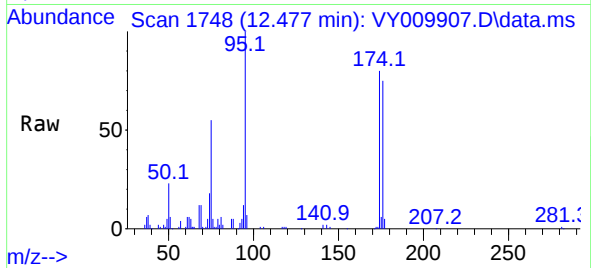
Tgt Ion: 75 Resp: 14114
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.456 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009907.D
 Acq: 09 Aug 2022 04:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 14114

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.0	38.1	57.1#

