

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049178.D
 Acq On : 15 Jun 2022 18:20
 Operator : SY/MD
 Sample : N3285-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4P9

Quant Time: Jun 16 04:51:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

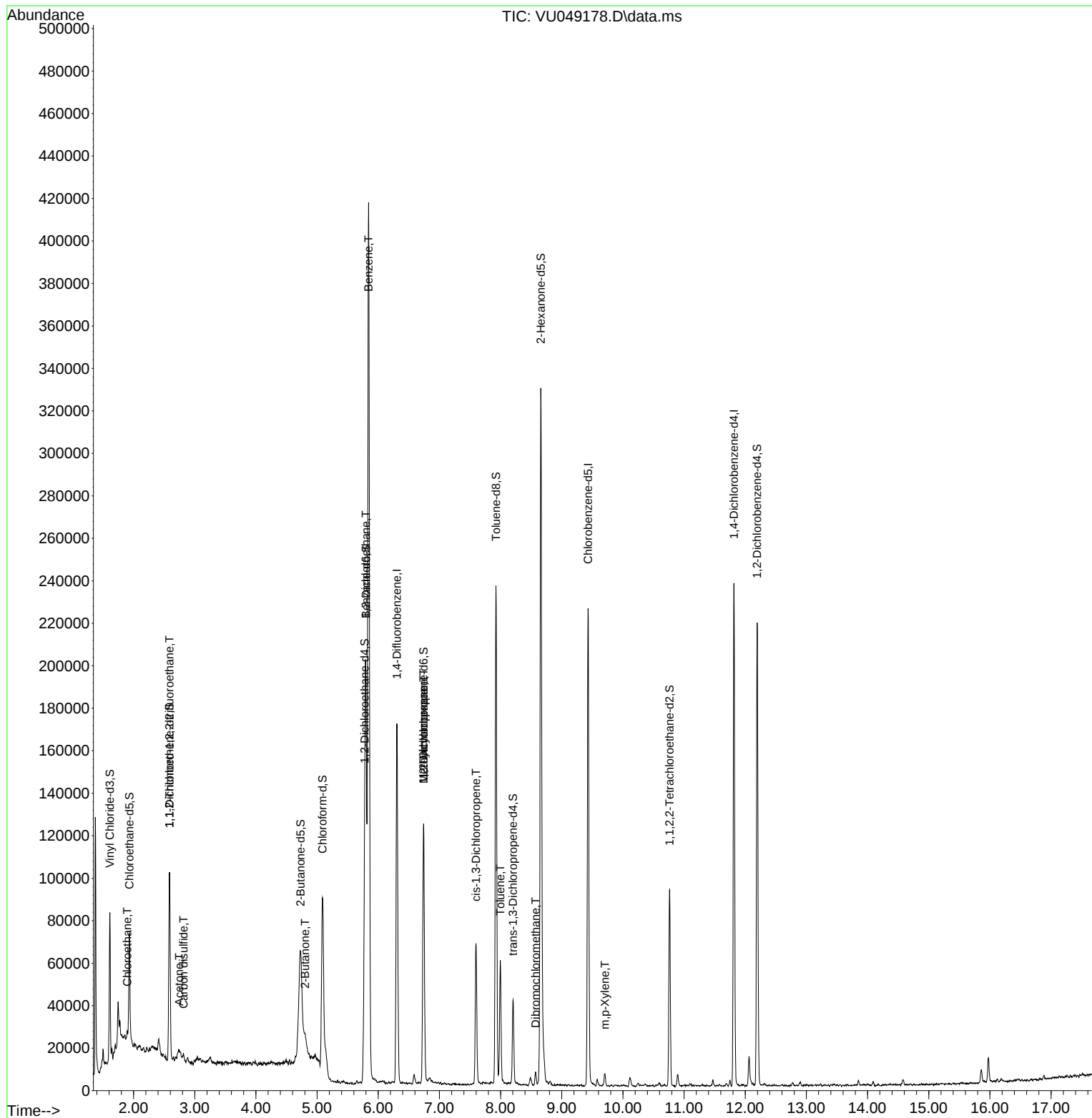
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.305	114	129543	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.430	117	118994	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.816	152	58901	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.613	65	43613	3.853	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.932	69	31568	4.119	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.588	65	17187	3.775	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.729	46	132190	43.738	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.480%
24) Chloroform-d	5.089	84	81370	4.582	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.777	65	46911	4.815	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.796	84	164148	4.579	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.742	67	57616	4.735	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.925	98	147410	4.567	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.205	79	22433	4.150	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.658	63	115151	52.811	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.620%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46773	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	53675	4.749	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
8) Chloroethane	1.896	64	1742	0.276	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	332	0.044	ug/L #	21
13) Acetone	2.748	43	16375	10.947	ug/L	77
14) Carbon disulfide	2.816	76	4206	0.175	ug/L #	81
21) 2-Butanone	4.803	43	17501	6.136	ug/L #	57
27) 1,2-Dichloroethane	5.796	62	1224	0.116	ug/L #	74
33) Benzene	5.841	78	372030	10.507	ug/L	100
35) Methylcyclohexane	6.739	83	12651	0.833	ug/L #	16
37) 1,2-Dichloropropane	6.739	63	6283	0.646	ug/L #	89
39) cis-1,3-Dichloropropene	7.600	75	1618	0.109	ug/L #	57
42) Toluene	7.996	91	39141	1.042	ug/L	97
49) Dibromochloromethane	8.575	129	1137	0.147	ug/L #	10
53) m,p-Xylene	9.706	106	1677	0.110	ug/L	97

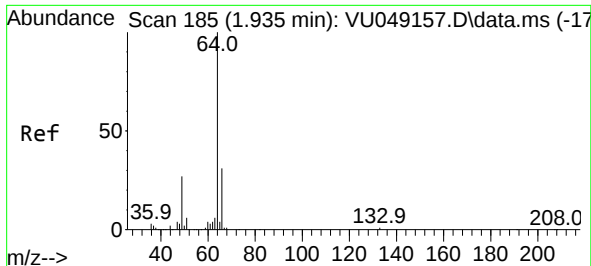
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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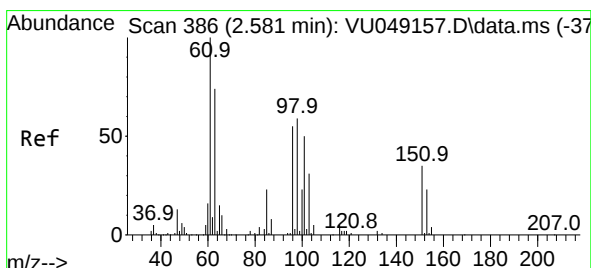
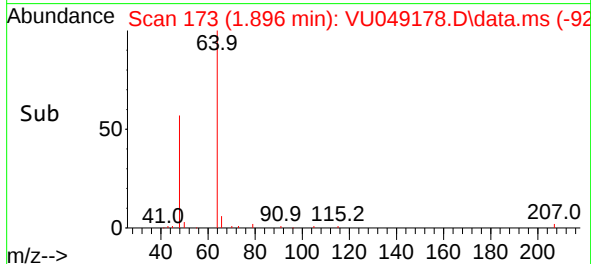
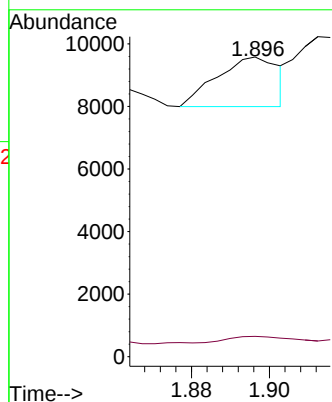
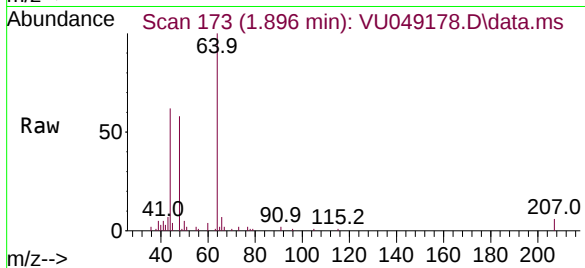




#8
Chloroethane
Concen: 0.276 ug/L
RT: 1.896 min Scan# 11
Delta R.T. -0.038 min
Lab File: VU049178.D
Acq: 15 Jun 2022 18:20

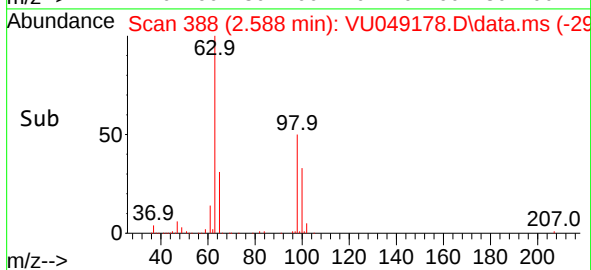
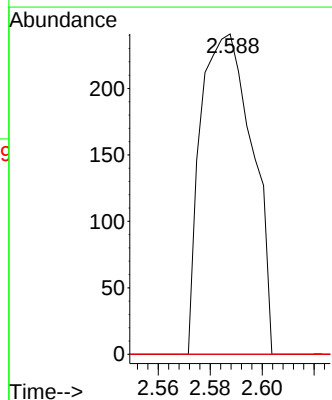
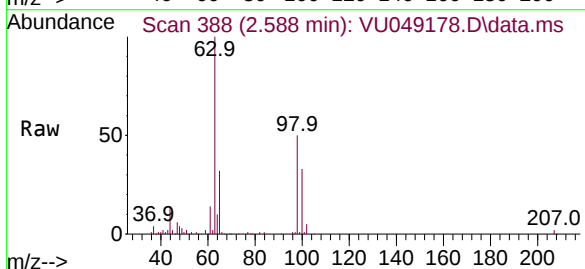
Instrument :
MSVOA_U
ClientSampleId :
EW4P9

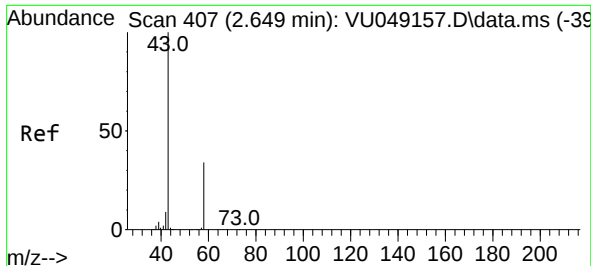
Tgt Ion: 64 Resp: 1742
Ion Ratio Lower Upper
64 100
66 6.8 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.044 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.007 min
Lab File: VU049178.D
Acq: 15 Jun 2022 18:20

Tgt Ion: 101 Resp: 332
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#





#13

Acetone

Concen: 10.947 ug/L

RT: 2.748 min Scan# 41

Delta R.T. 0.100 min

Lab File: VU049178.D

Acq: 15 Jun 2022 18:20

Instrument :

MSVOA_U

ClientSampleId :

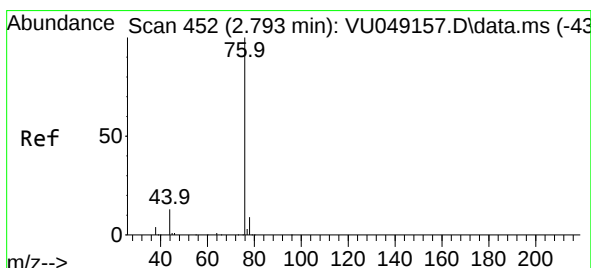
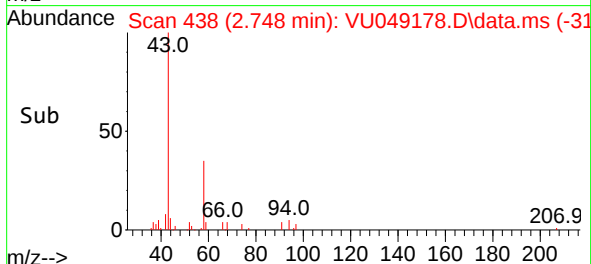
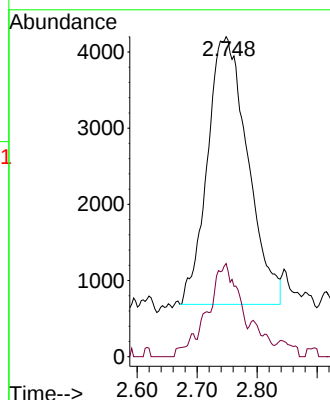
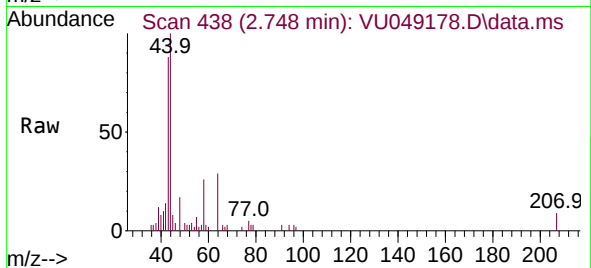
EW4P9

Tgt Ion: 43 Resp: 16375

Ion Ratio Lower Upper

43 100

58 19.9 0.0 65.8



#14

Carbon disulfide

Concen: 0.175 ug/L

RT: 2.816 min Scan# 459

Delta R.T. 0.023 min

Lab File: VU049178.D

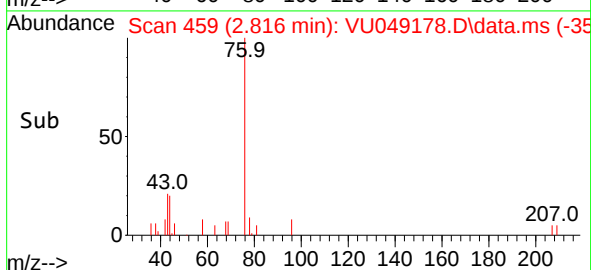
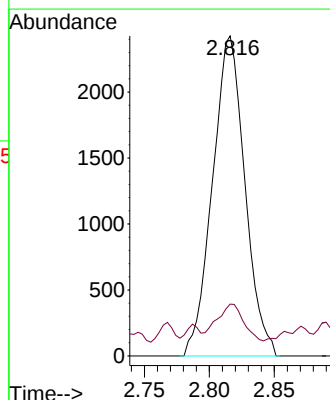
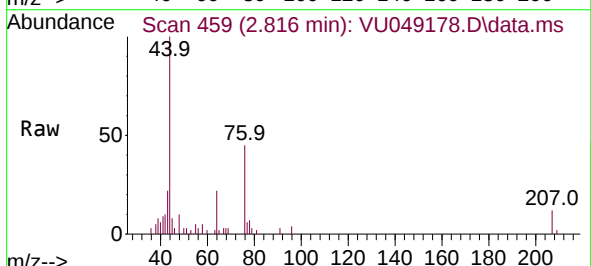
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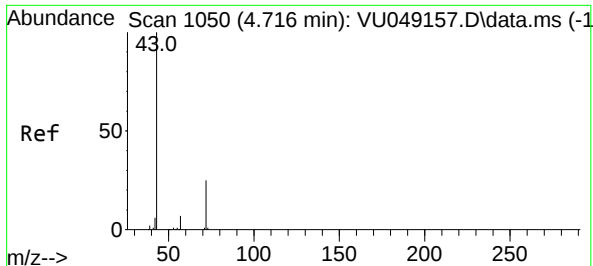
Tgt Ion: 76 Resp: 4206

Ion Ratio Lower Upper

76 100

78 16.2 7.5 11.3#





#21

2-Butanone

Concen: 6.136 ug/L

RT: 4.803 min Scan# 1050

Delta R.T. 0.087 min

Lab File: VU049178.D

Acq: 15 Jun 2022 18:20

Instrument :

MSVOA_U

ClientSampleId :

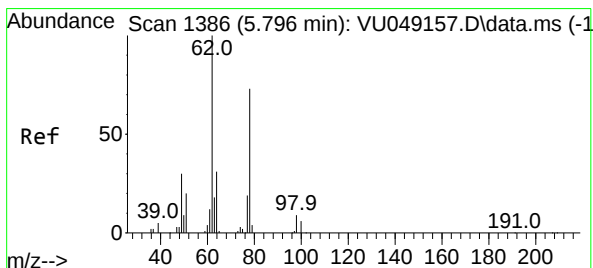
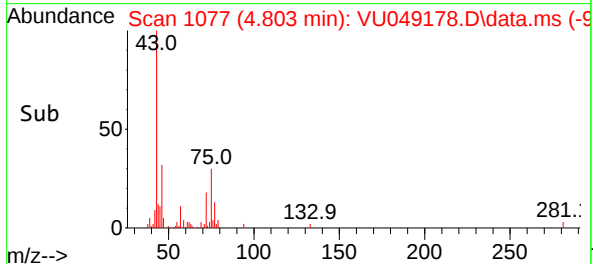
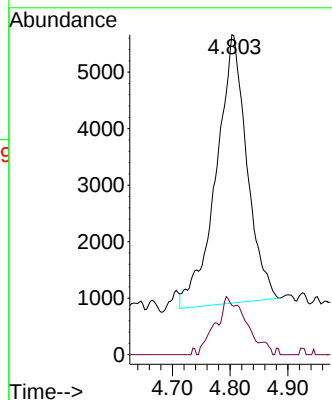
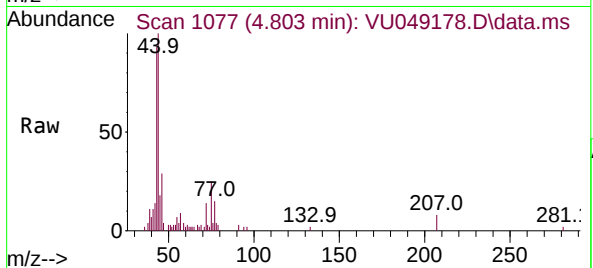
EW4P9

Tgt Ion: 43 Resp: 17501

Ion Ratio Lower Upper

43 100

72 3.0 12.2 36.6#



#27

1,2-Dichloroethane

Concen: 0.116 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049178.D

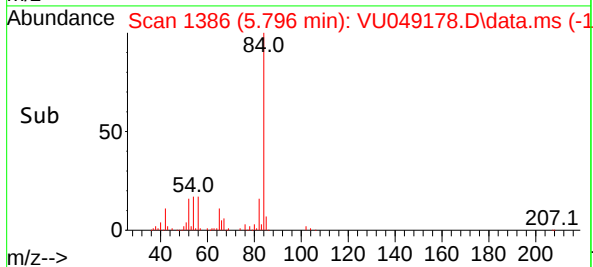
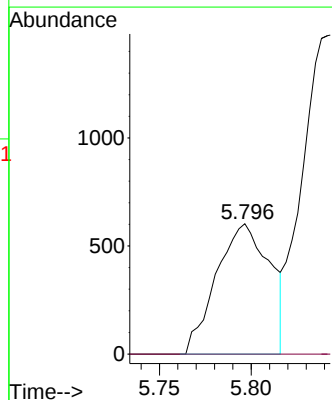
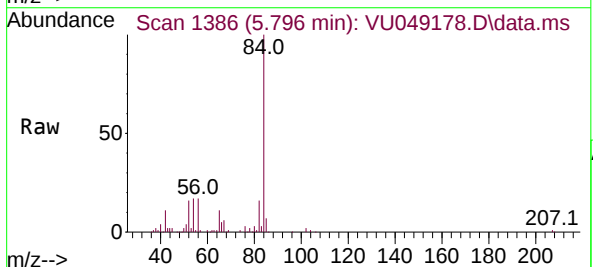
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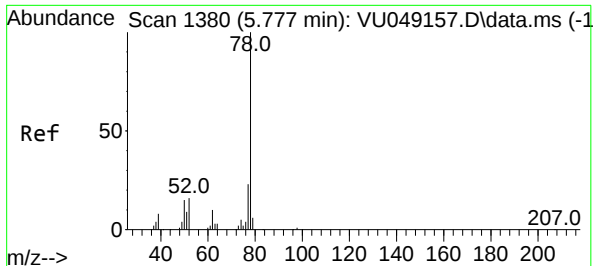
Tgt Ion: 62 Resp: 1224

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#

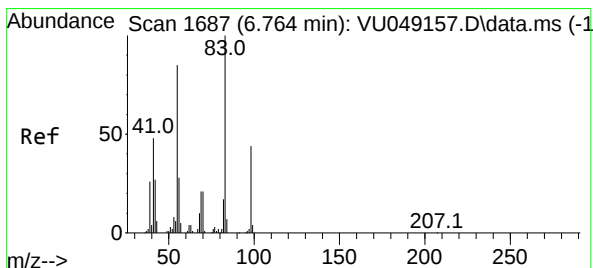
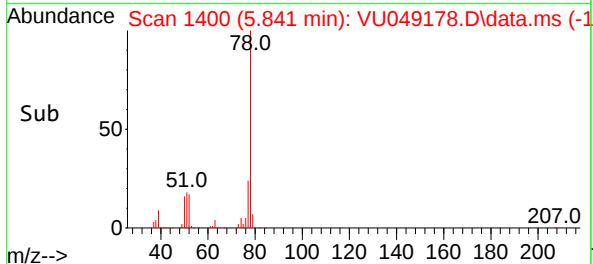
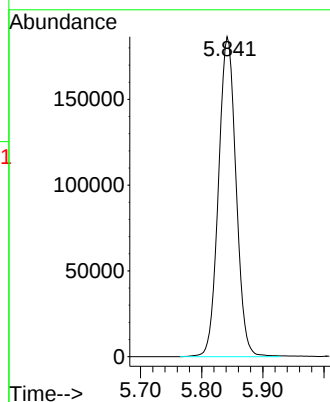
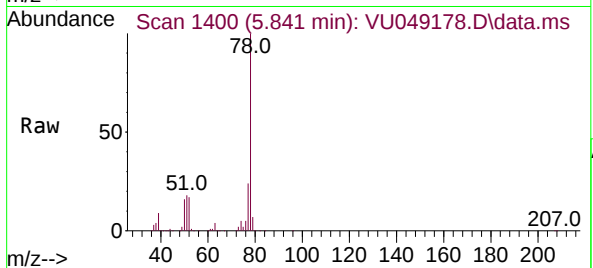




#33
Benzene
Concen: 10.507 ug/L
RT: 5.841 min Scan# 14
Delta R.T. 0.064 min
Lab File: VU049178.D
Acq: 15 Jun 2022 18:20

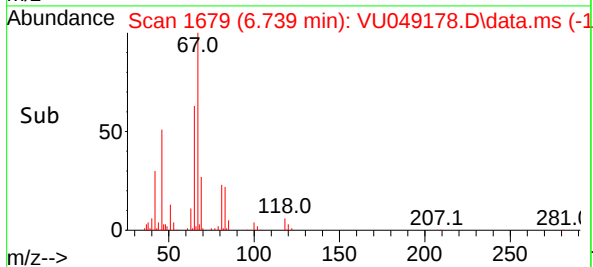
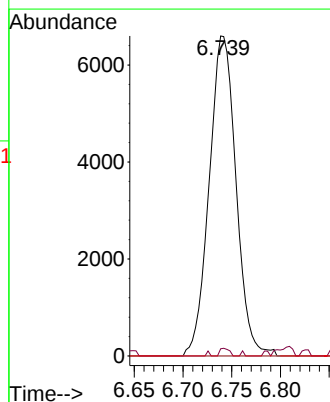
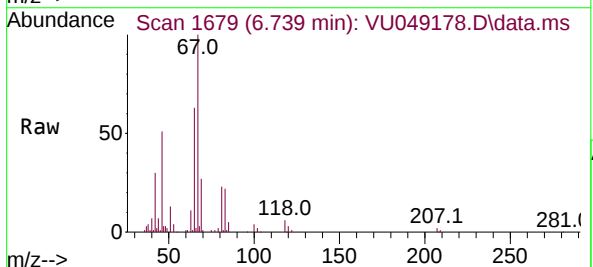
Instrument : MSVOA_U
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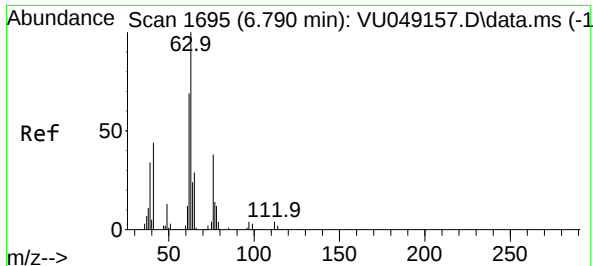
Tgt Ion: 78 Resp: 372030



#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.739 min Scan# 1679
Delta R.T. -0.026 min
Lab File: VU049178.D
Acq: 15 Jun 2022 18:20

Tgt Ion: 83 Resp: 12651
Ion Ratio Lower Upper
83 100
55 0.8 66.9 100.3#
98 0.0 35.5 53.3#

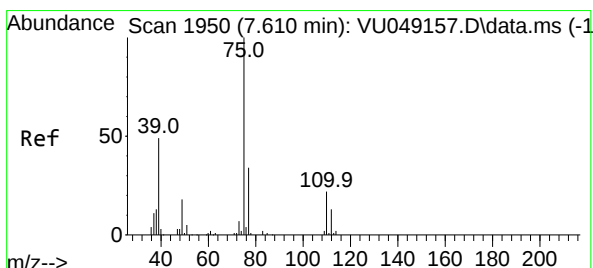
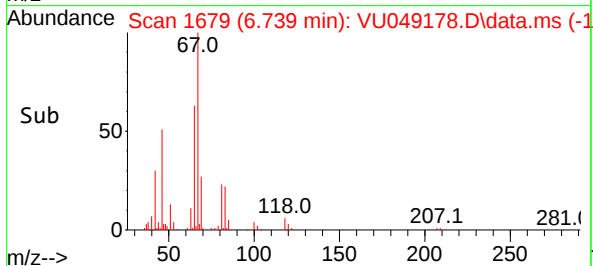
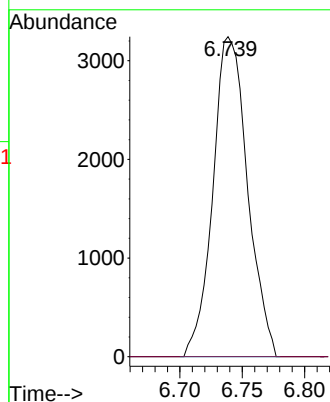
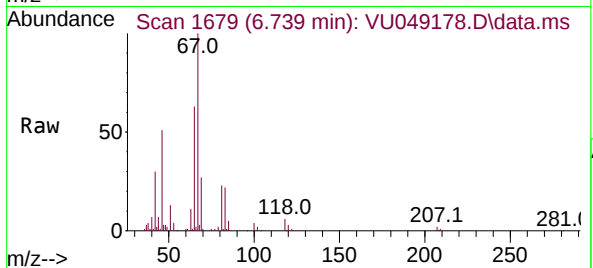




#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.739 min Scan# 1
Delta R.T. -0.051 min
Lab File: VU049178.D
Acq: 15 Jun 2022 18:20

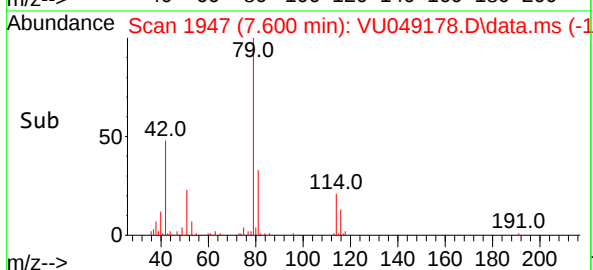
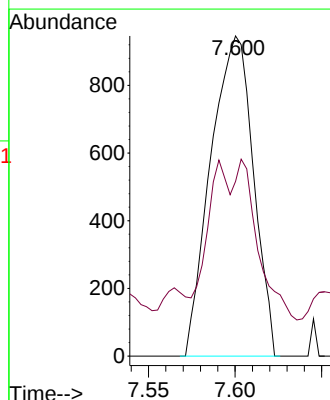
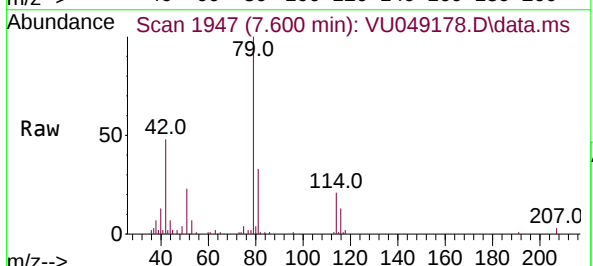
Instrument :
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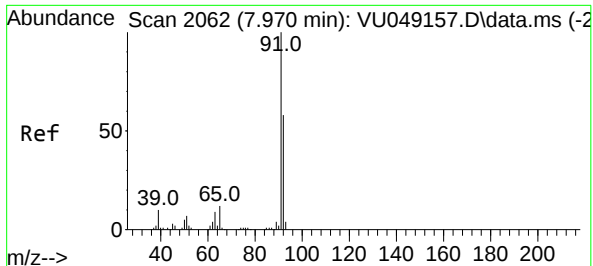
Tgt Ion: 63 Resp: 6283
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.600 min Scan# 1947
Delta R.T. -0.010 min
Lab File: VU049178.D
Acq: 15 Jun 2022 18:20

Tgt Ion: 75 Resp: 1618
Ion Ratio Lower Upper
75 100
77 54.5 21.8 40.4#





#42

Toluene

Concen: 1.042 ug/L

RT: 7.996 min Scan# 2062

Delta R.T. 0.026 min

Lab File: VU049178.D

Acq: 15 Jun 2022 18:20

Instrument :

MSVOA_U

ClientSampleId :

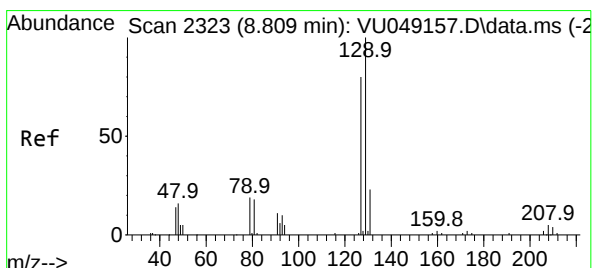
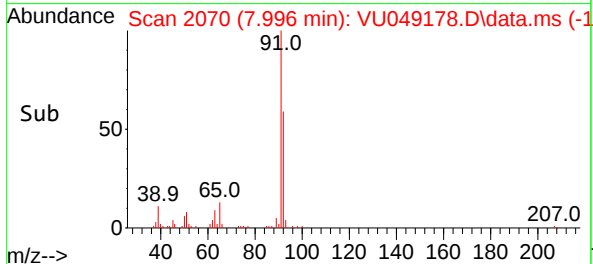
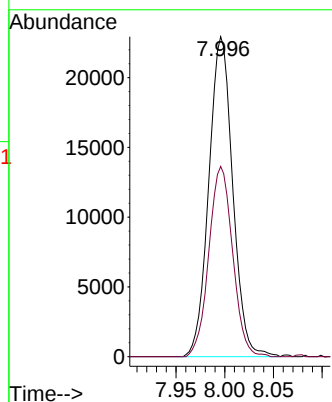
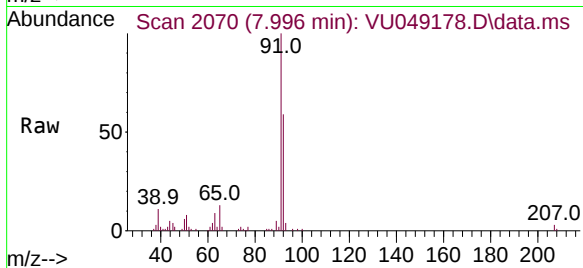
EW4P9

Tgt Ion: 91 Resp: 39141

Ion Ratio Lower Upper

91 100

92 59.4 40.0 74.2



#49

Dibromochloromethane

Concen: 0.147 ug/L

RT: 8.575 min Scan# 2250

Delta R.T. -0.235 min

Lab File: VU049178.D

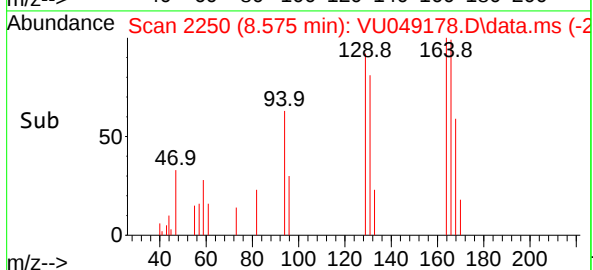
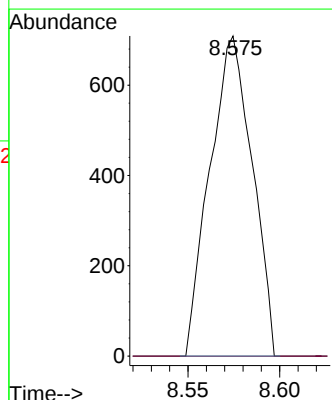
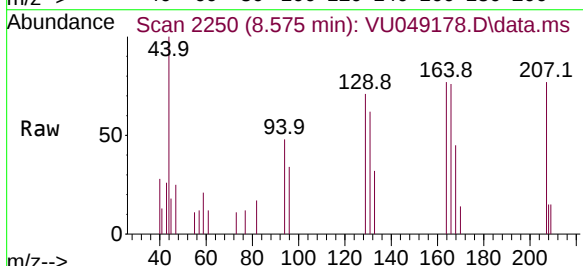
Acq: 15 Jun 2022 18:20

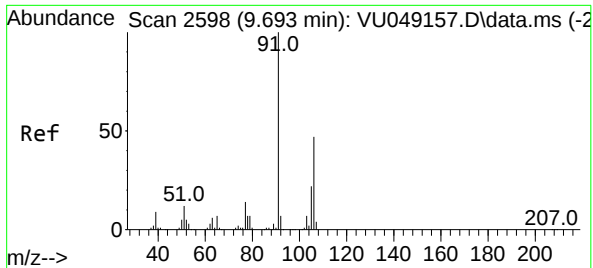
Tgt Ion: 129 Resp: 1137

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#





#53
 m,p-Xylene
 Concen: 0.110 ug/L
 RT: 9.706 min Scan# 20
 Delta R.T. 0.013 min
 Lab File: VU049178.D
 Acq: 15 Jun 2022 18:20

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4P9

Tgt Ion:106 Resp: 1677
 Ion Ratio Lower Upper
 106 100
 91 207.4 148.5 275.7

