

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050296.D
 Acq On : 12 Aug 2022 21:42
 Operator : SY/MD
 Sample : N4072-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX5

Quant Time: Aug 13 01:24:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

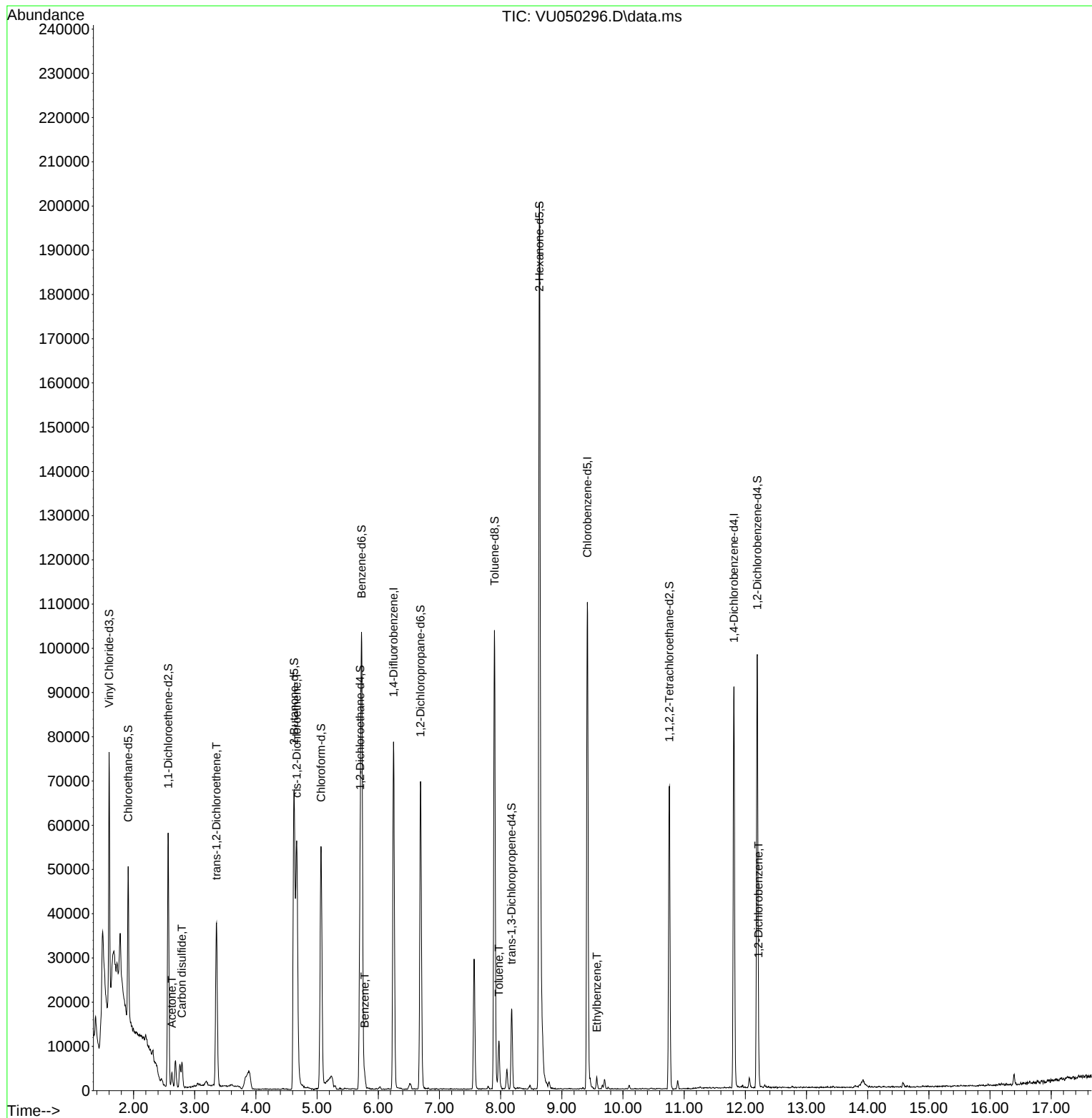
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	64873	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	64253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	25093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31187	5.777	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.600%
7) Chloroethane-d5	1.913	69	25268	5.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.000%
11) 1,1-Dichloroethene-d2	2.565	65	10857	5.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.000%
20) 2-Butanone-d5	4.623	46	99060	75.243	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.480%#
24) Chloroform-d	5.064	84	52472	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.703	65	30021	5.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.400%
32) Benzene-d6	5.729	84	97369	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.691	67	34979	5.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.900	98	73496	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.179	79	11416	4.825	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.633	63	65446	77.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	156.000%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35874	6.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.800%#
66) 1,2-Dichlorobenzene-d4	12.195	152	27053	5.502	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
13) Acetone	2.626	43	4021	5.484	ug/L	98
14) Carbon disulfide	2.790	76	7204	0.450	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	15446	3.076	ug/L	89
22) cis-1,2-Dichloroethene	4.668	96	26304	4.720	ug/L	99
33) Benzene	5.777	78	3133	0.139	ug/L	100
42) Toluene	7.970	91	8381	0.371	ug/L	97
52) Ethylbenzene	9.571	91	2159	0.098	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	1283	0.157	ug/L #	82

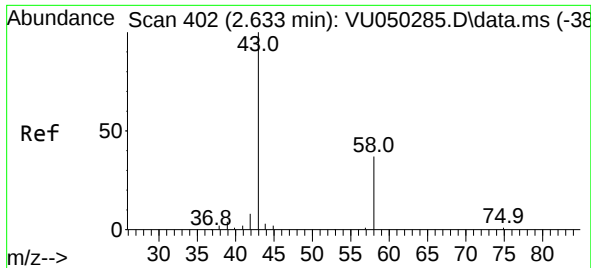
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.484 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.006 min

Lab File: VU050296.D

Acq: 12 Aug 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

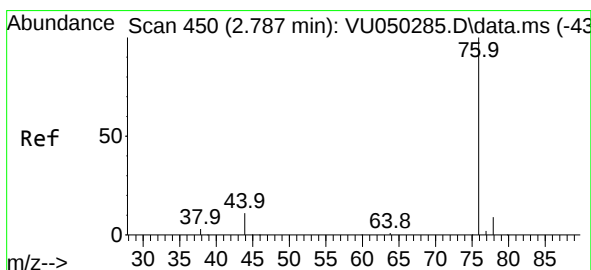
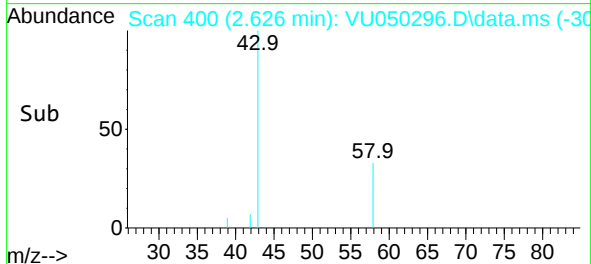
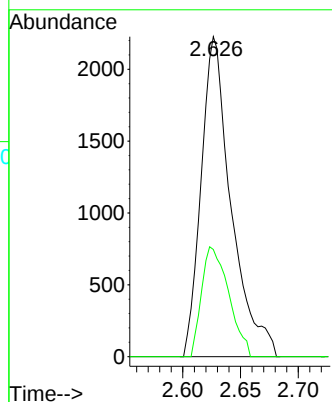
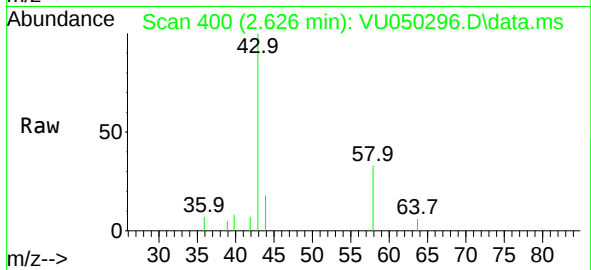
DBUX5

Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.0



#14

Carbon disulfide

Concen: 0.450 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050296.D

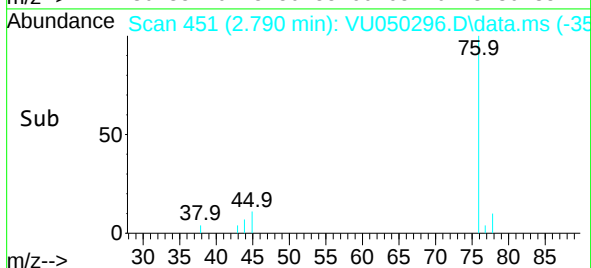
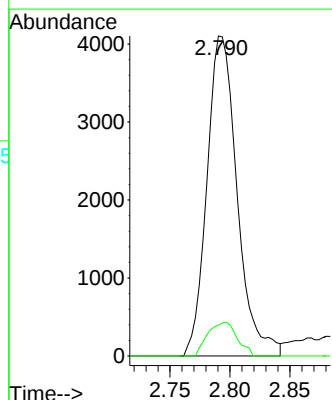
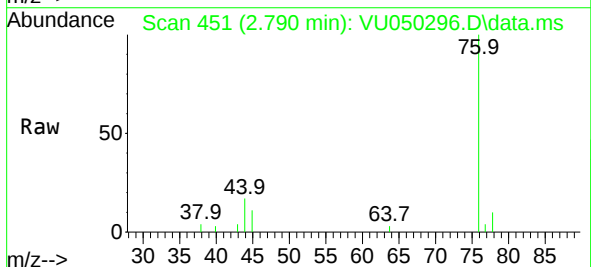
Acq: 12 Aug 2022 21:42

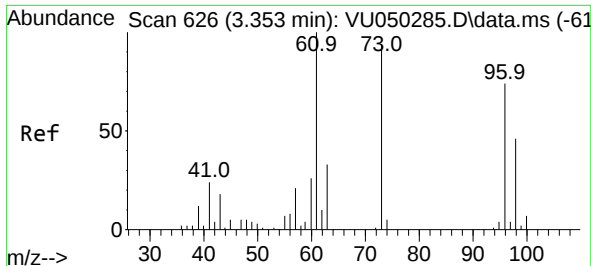
Tgt Ion: 76 Resp: 7204

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0

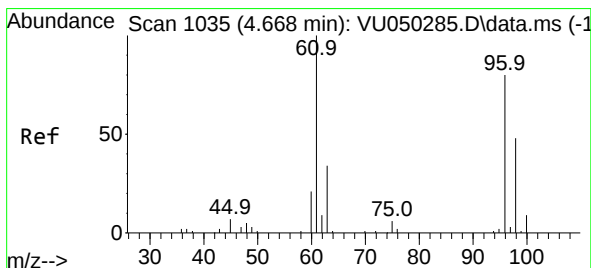
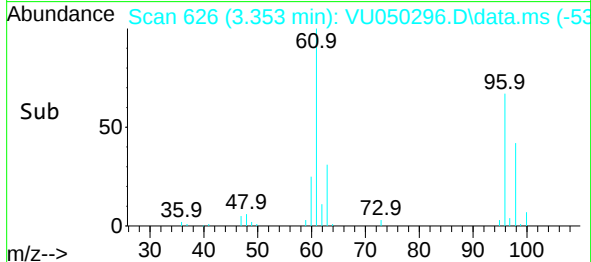
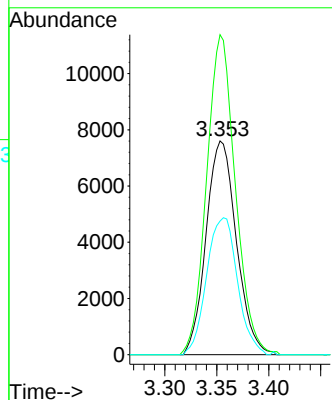
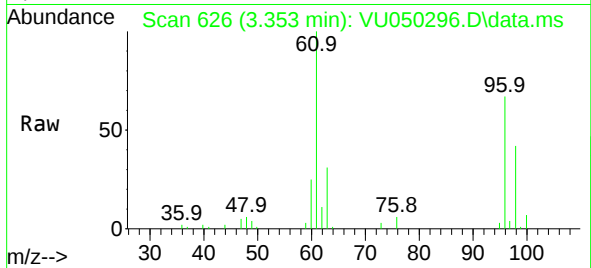




#18
trans-1,2-Dichloroethene
Concen: 3.076 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

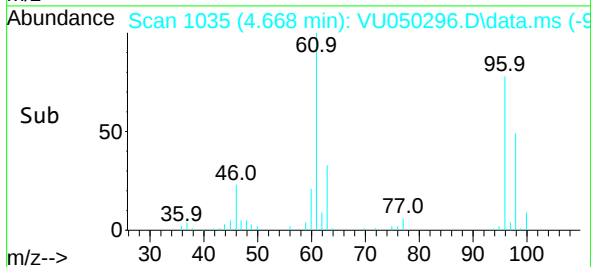
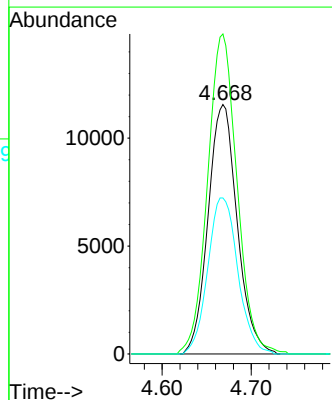
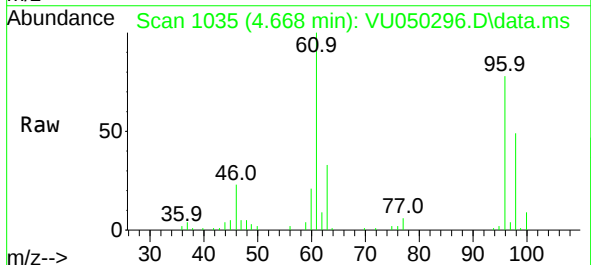
Instrument :
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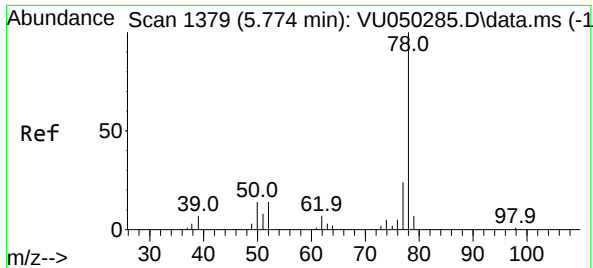
Tgt Ion: 96 Resp: 15446
Ion Ratio Lower Upper
96 100
61 149.7 92.3 171.5
98 62.4 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 4.720 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Tgt Ion: 96 Resp: 26304
Ion Ratio Lower Upper
96 100
61 128.3 89.0 165.4
98 62.6 45.2 84.0

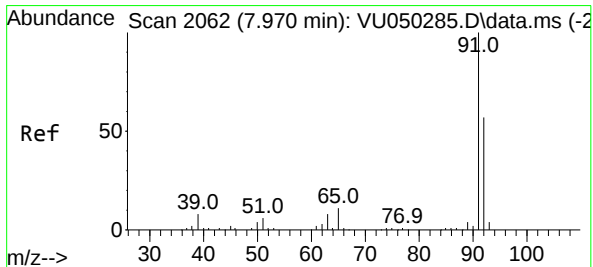
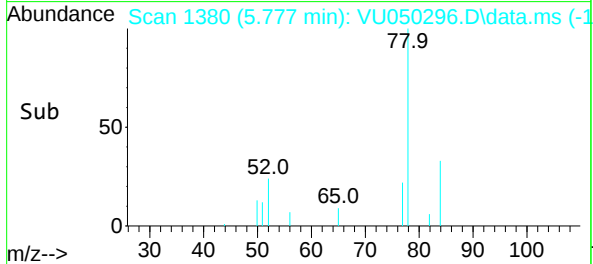
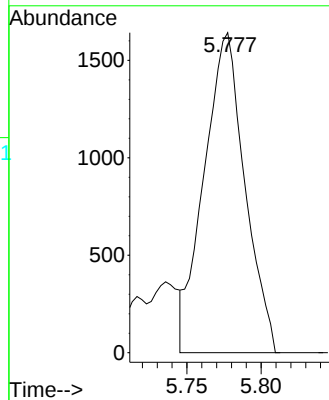
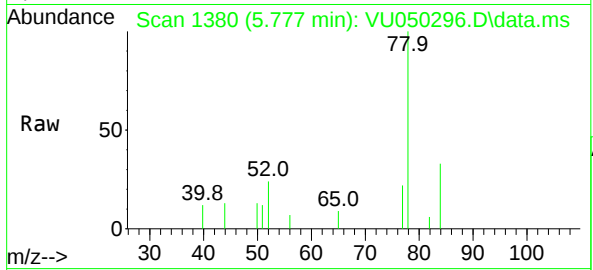




#33
Benzene
Concen: 0.139 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

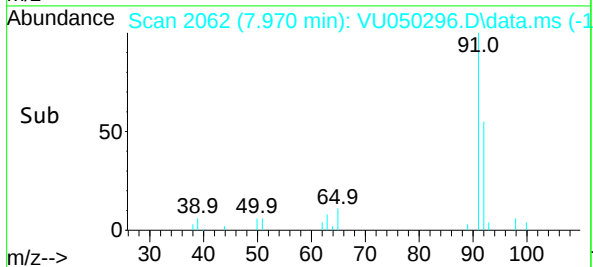
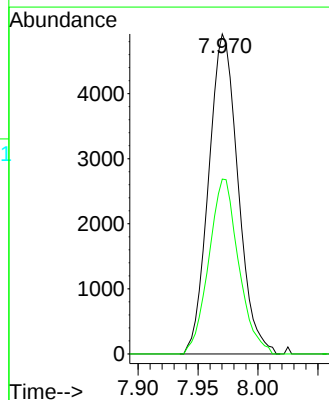
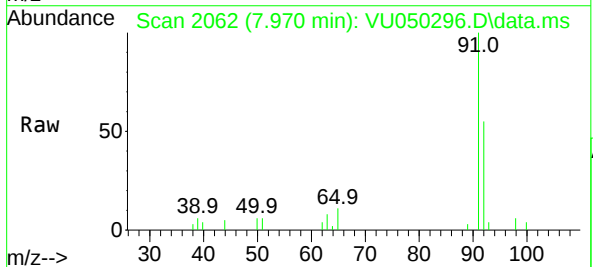
Instrument :
MSVOA_U
ClientSampleId :
DBUX5

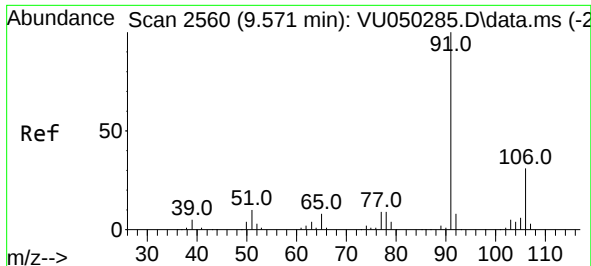
Tgt Ion: 78 Resp: 3133



#42
Toluene
Concen: 0.371 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Tgt Ion: 91 Resp: 8381
Ion Ratio Lower Upper
91 100
92 54.6 39.8 74.0

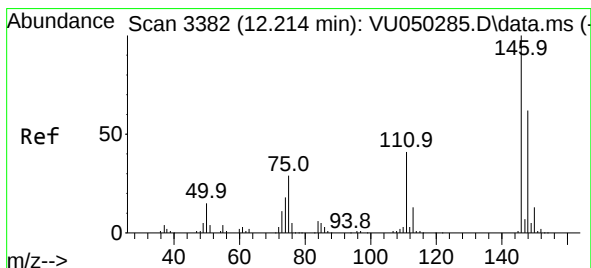
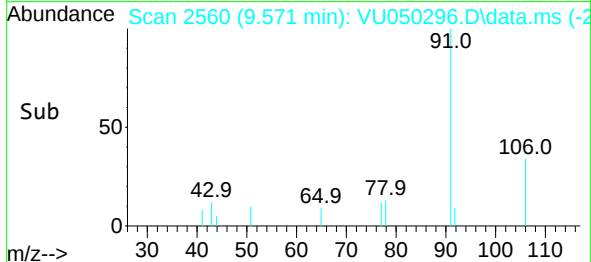
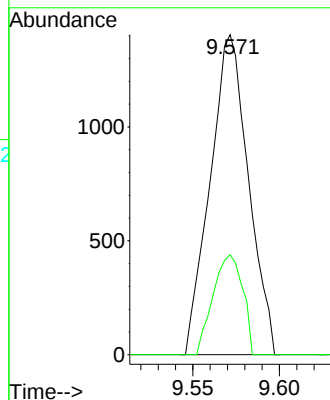
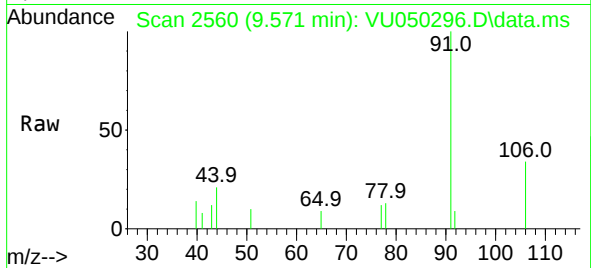




#52
Ethylbenzene
Concen: 0.098 ug/L
RT: 9.571 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Instrument :
MSVOA_U
ClientSampleId :
DBUX5

Tgt Ion: 91 Resp: 2159
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5



#67
1,2-Dichlorobenzene
Concen: 0.157 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU050296.D
Acq: 12 Aug 2022 21:42

Tgt Ion: 146 Resp: 1283
Ion Ratio Lower Upper
146 100
111 55.3 32.9 49.3#
148 75.1 50.4 75.6

