

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053317.D
 Acq On : 21 Mar 2023 12:30
 Operator : JC/MD
 Sample : 01930-10DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

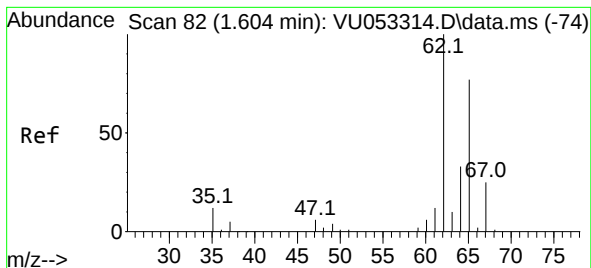
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8DL

Quant Time: Mar 22 03:09:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	116560	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	108867	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	47253	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45543	42.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.700%
7) Chloroethane-d5	1.912	69	42456	48.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.620%
11) 1,1-Dichloroethene-d2	2.565	63	59145	31.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.500%
21) 2-Butanone-d5	4.620	46	49674	99.598	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.600%
24) Chloroform-d	5.057	84	76707	43.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.620%
26) 1,2-Dichloroethane-d4	5.697	65	52833	48.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
32) Benzene-d6	5.722	84	161598	45.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.520%
36) 1,2-Dichloropropane-d6	6.684	67	54340	47.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	7.893	98	147424	44.842	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.680%
43) trans-1,3-Dichloroprop...	8.173	79	24948	44.368	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.740%
47) 2-Hexanone-d5	8.626	63	32767	91.965	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.960%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	70274	47.600	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	46362	50.672	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.340%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	53563	43.676	ug/L	100
12) 1,1-Dichloroethene	2.568	96	514	0.600	ug/L #	1
20) cis-1,2-Dichloroethene	4.661	96	28085	27.530	ug/L	97
33) Benzene	5.767	78	4347	1.152	ug/L	100
35) Methylcyclohexane	6.687	83	11559	6.701	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	6350	6.030	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	6972	7.425	ug/L #	70

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



#5

Vinyl chloride

Concen: 43.676 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

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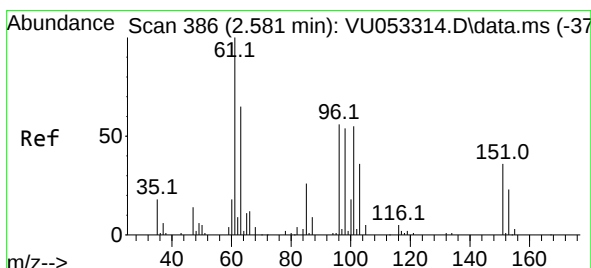
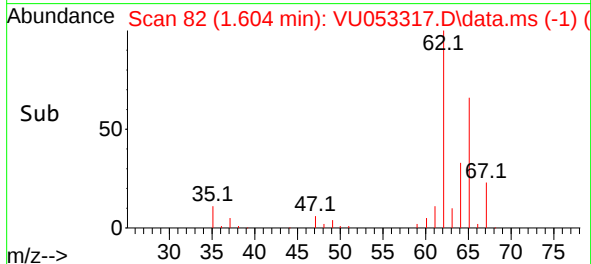
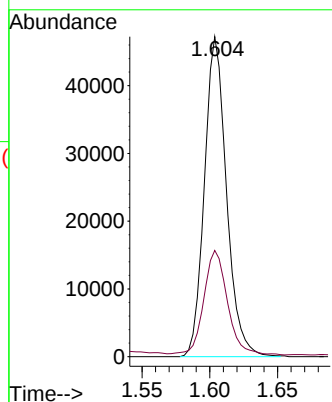
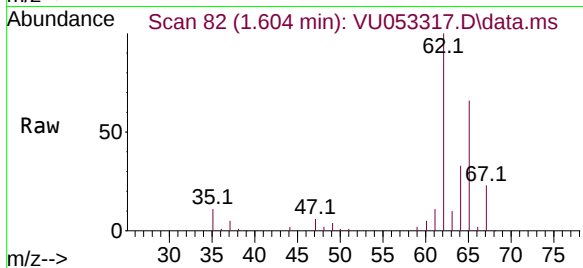
EYFB8DL

Tgt Ion: 62 Resp: 53563

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.0



#12

1,1-Dichloroethene

Concen: 0.600 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU053317.D

Acq: 21 Mar 2023 12:30

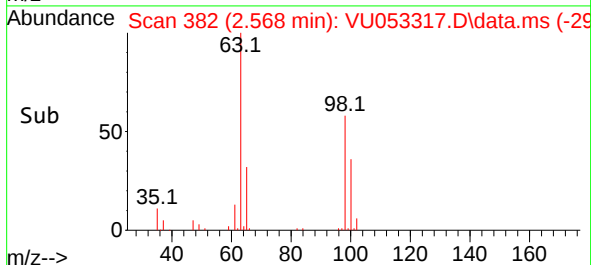
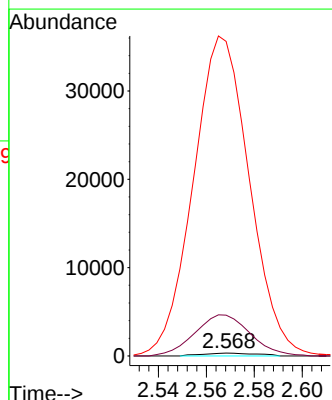
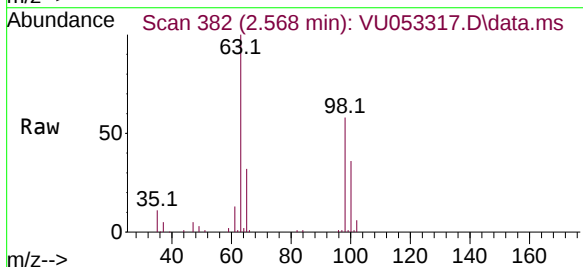
Tgt Ion: 96 Resp: 514

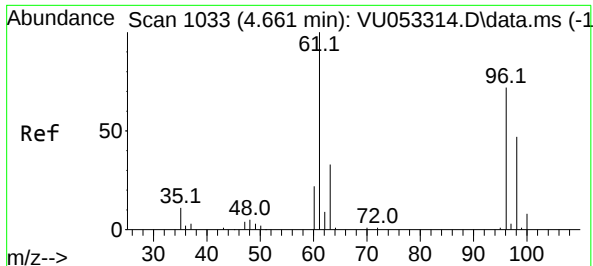
Ion Ratio Lower Upper

96 100

61 1375.9 122.2 226.9#

63 10597.6 89.9 166.9#

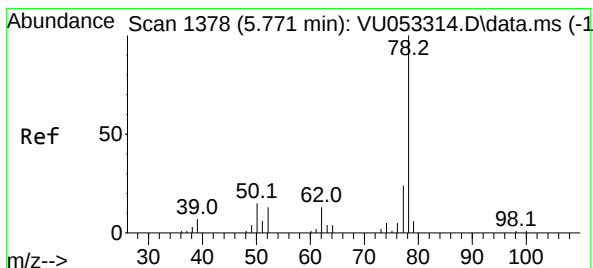
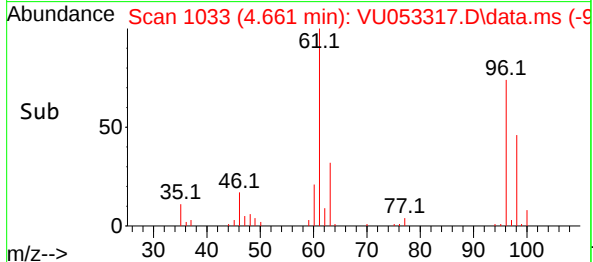
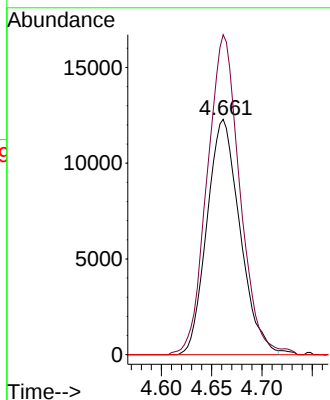
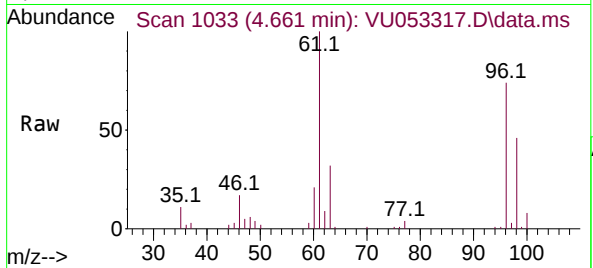




#20
 cis-1,2-Dichloroethene
 Concen: 27.530 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU053317.D
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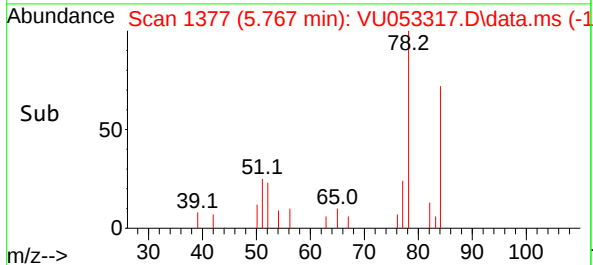
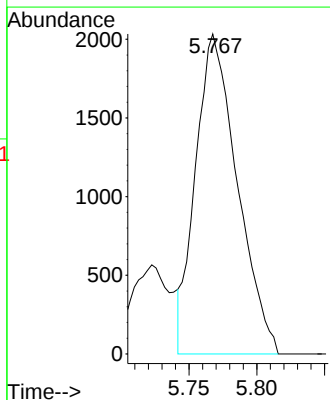
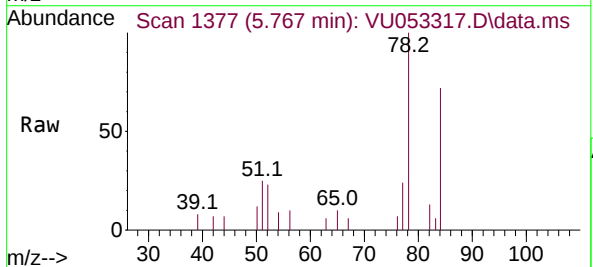
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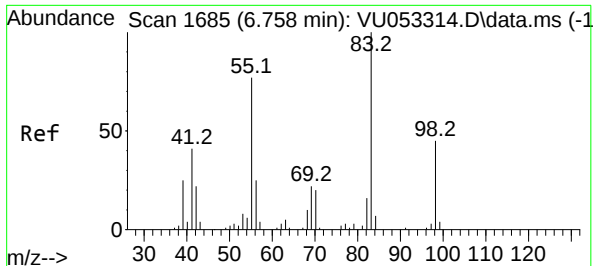
Tgt Ion: 96 Resp: 28085
 Ion Ratio Lower Upper
 96 100
 61 136.0 92.5 171.7
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 1.152 ug/L
 RT: 5.767 min Scan# 1377
 Delta R.T. -0.003 min
 Lab File: VU053317.D
 Acq: 21 Mar 2023 12:30

Tgt Ion: 78 Resp: 4347

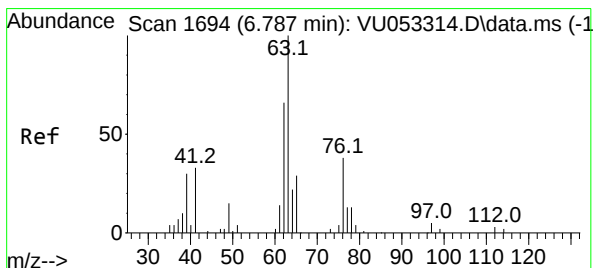
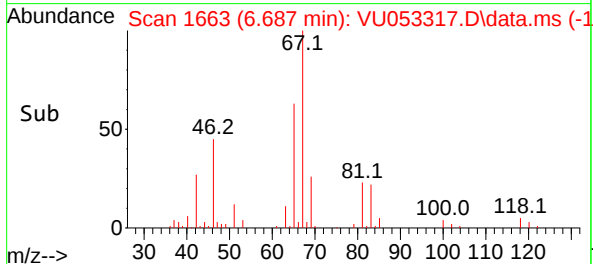
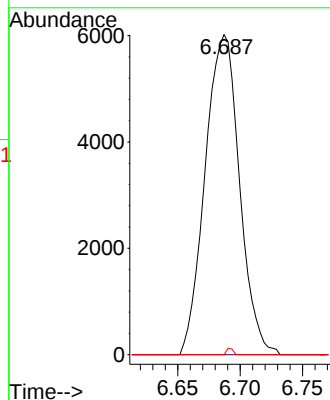
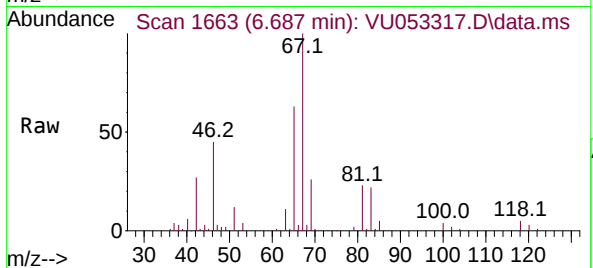




#35
Methylcyclohexane
Concen: 6.701 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053317.D
Acq: 21 Mar 2023 12:30

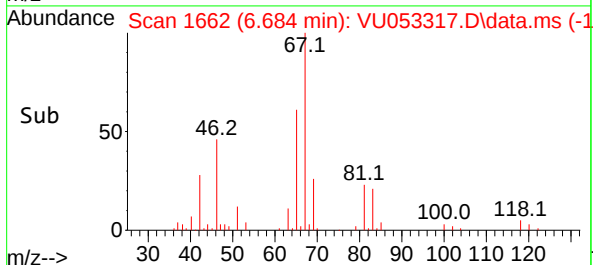
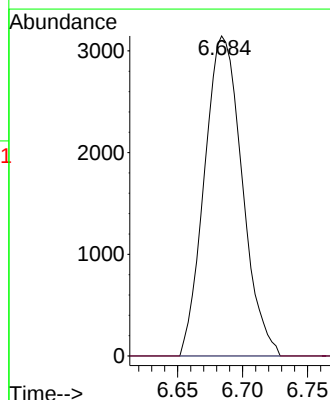
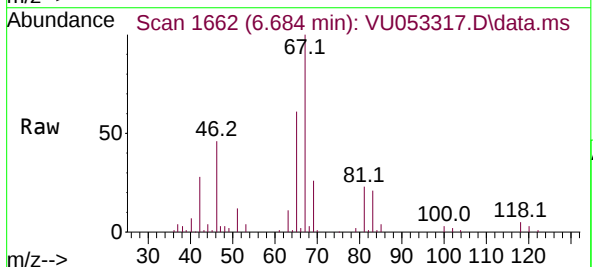
Instrument :
MSVOA_U
ClientSampleId :
EYFB8DL

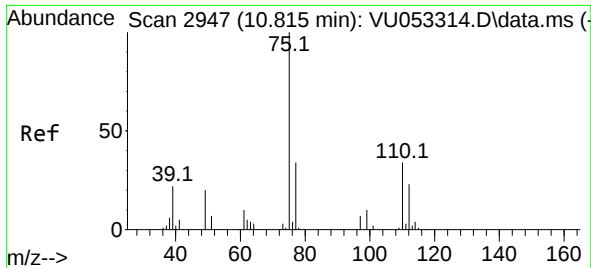
Tgt Ion: 83 Resp: 11559
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 0.4 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 6.030 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053317.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 63 Resp: 6350
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.425 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053317.D
 Acq: 21 Mar 2023 12:30

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8DL

Tgt Ion: 75 Resp: 6972
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.6 40.0
 110 1.4 28.6 42.8#

