

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053299.D
 Acq On : 20 Mar 2023 11:54
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK115

Quant Time: Mar 21 01:28:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 21 01:25:41 2023
 Response via : Initial Calibration

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

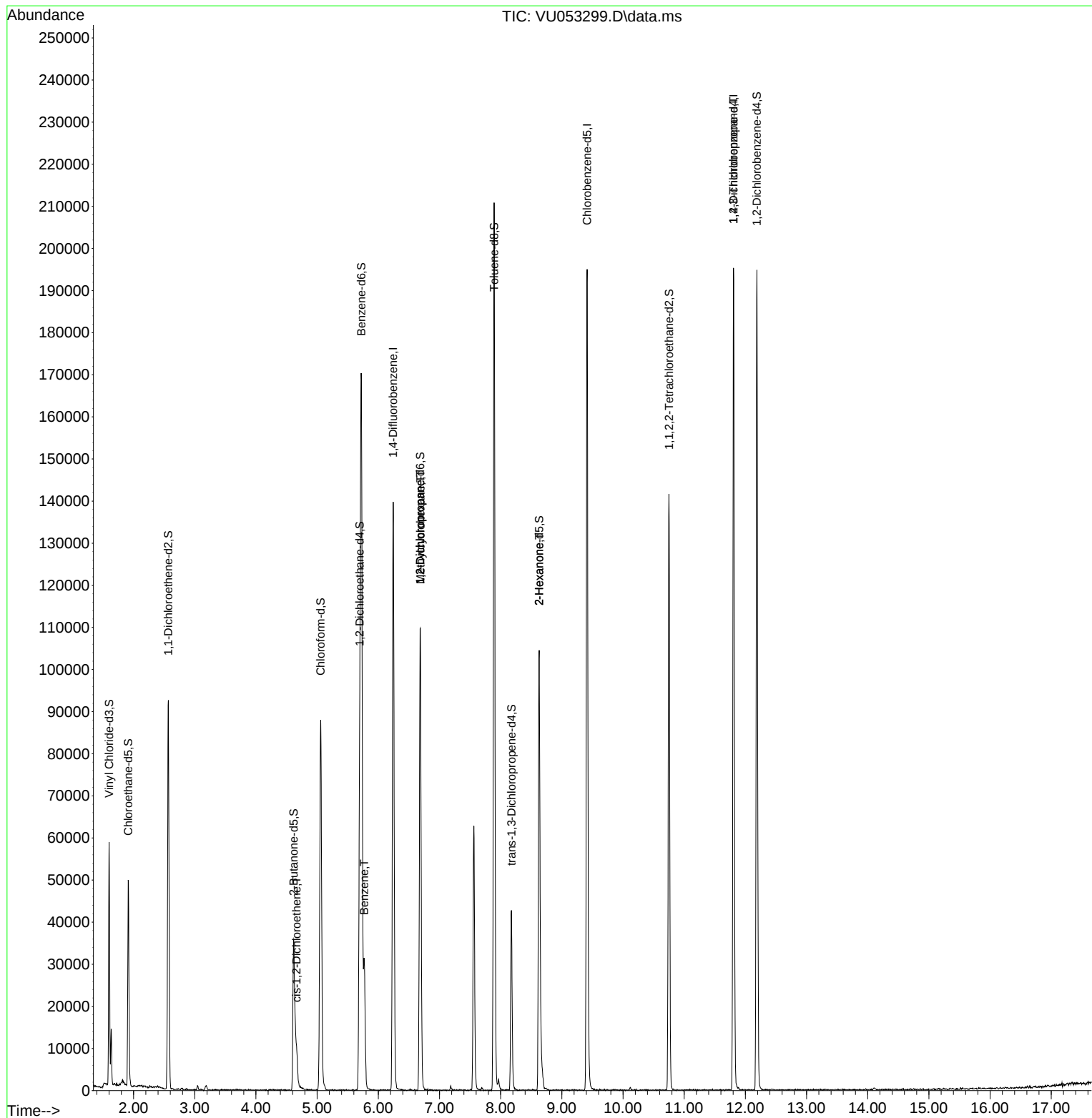
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	112711	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	102157	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	46165	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39329	37.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.640%
7) Chloroethane-d5	1.912	69	35340	42.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.040%
11) 1,1-Dichloroethene-d2	2.568	63	54901	30.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.960%
21) 2-Butanone-d5	4.616	46	51835	107.480	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.480%
24) Chloroform-d	5.057	84	77010	44.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
26) 1,2-Dichloroethane-d4	5.697	65	52864	49.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.400%
32) Benzene-d6	5.723	84	160559	48.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.920%
36) 1,2-Dichloropropane-d6	6.684	67	53139	49.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.380%
41) Toluene-d8	7.893	98	141149	45.754	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.500%
43) trans-1,3-Dichloroprop...	8.176	79	24350	46.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.300%
47) 2-Hexanone-d5	8.629	63	38839	116.167	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.170%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	70965	51.225	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.460%
66) 1,2-Dichlorobenzene-d4	12.189	152	46818	52.376	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.760%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.665	96	3437	3.484	ug/L	97
33) Benzene	5.771	78	29837	8.425	ug/L	100
35) Methylcyclohexane	6.687	83	11945	7.379	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	5640	5.708	ug/L #	90
48) 2-Hexanone	8.629	43	4575	5.379	ug/L #	79
60) 1,2,3-Trichloropropane	11.806	75	7012	7.644	ug/L #	68

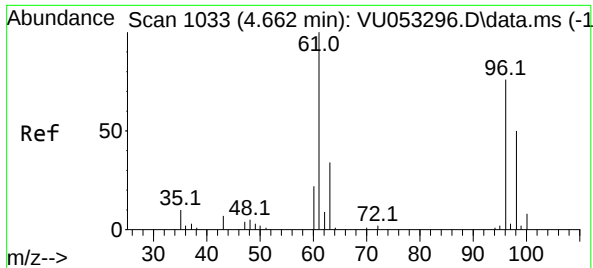
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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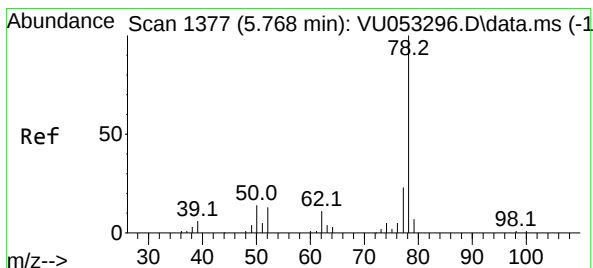
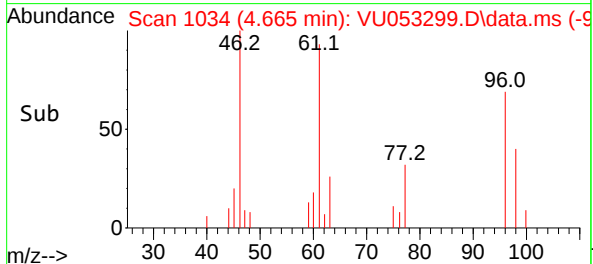
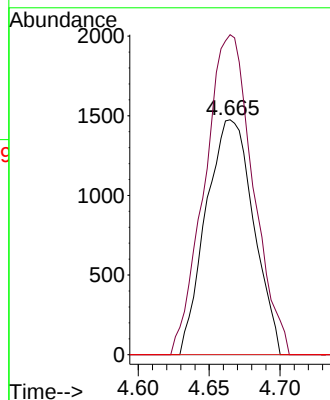
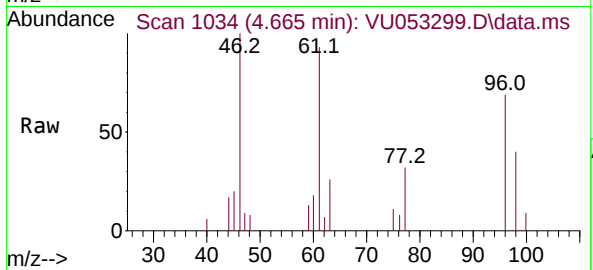




#20
 cis-1,2-Dichloroethene
 Concen: 3.484 ug/L
 RT: 4.665 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU053299.D
 Acq: 20 Mar 2023 11:54

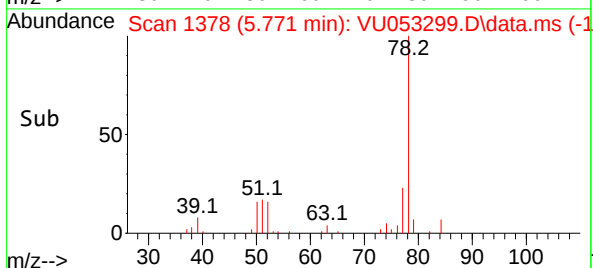
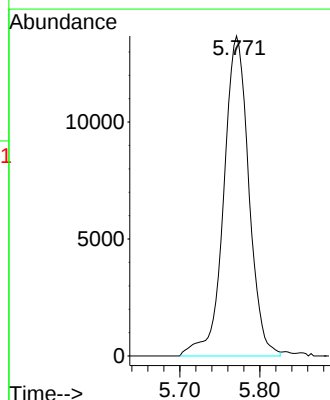
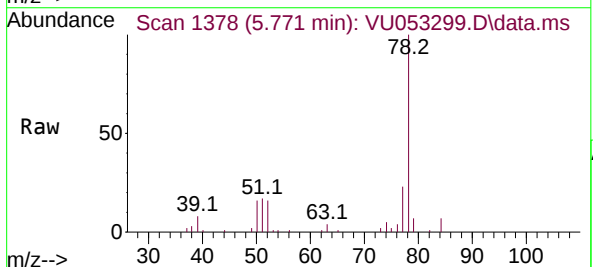
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK115

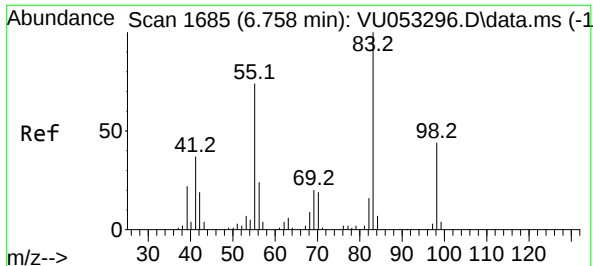
Tgt Ion: 96 Resp: 3437
 Ion Ratio Lower Upper
 96 100
 61 136.2 92.5 171.7
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 8.425 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. 0.003 min
 Lab File: VU053299.D
 Acq: 20 Mar 2023 11:54

Tgt Ion: 78 Resp: 29837





#35

Methylcyclohexane

Concen: 7.379 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU053299.D

Acq: 20 Mar 2023 11:54

Instrument :

MSVOA_U

ClientSampleId :

VIBLK115

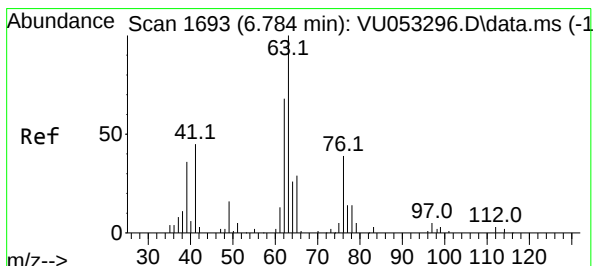
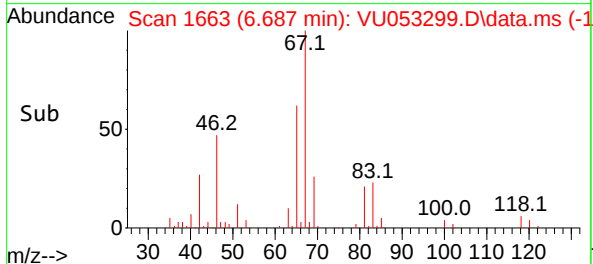
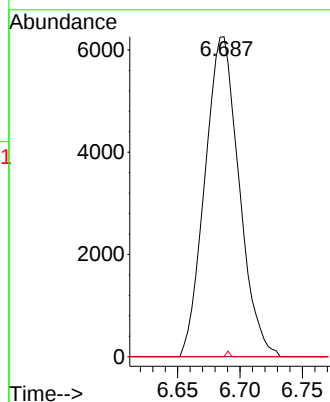
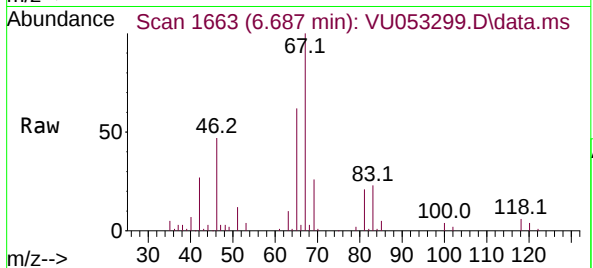
Tgt Ion: 83 Resp: 11945

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.0 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 5.708 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU053299.D

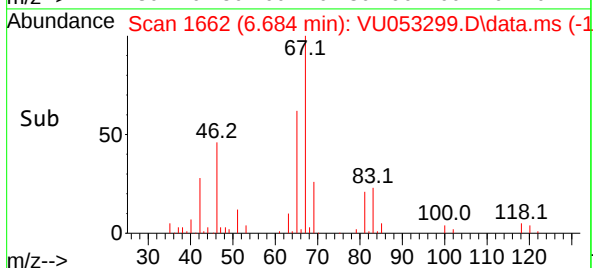
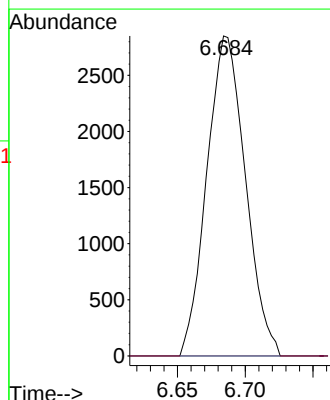
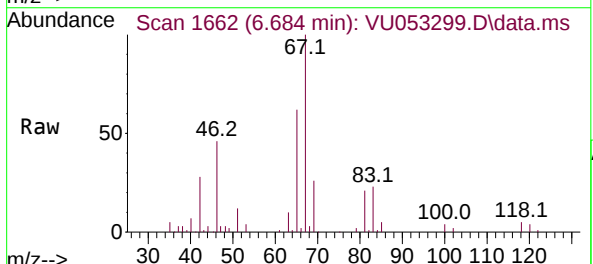
Acq: 20 Mar 2023 11:54

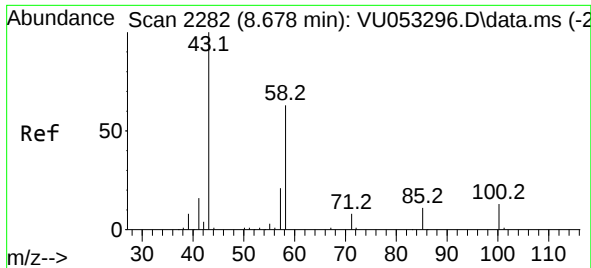
Tgt Ion: 63 Resp: 5640

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

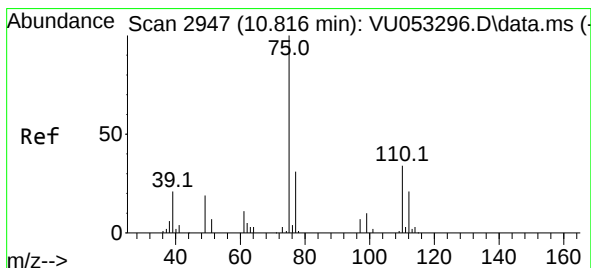
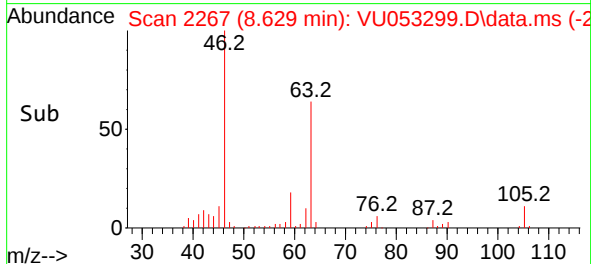
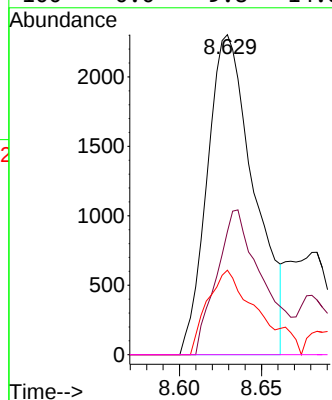
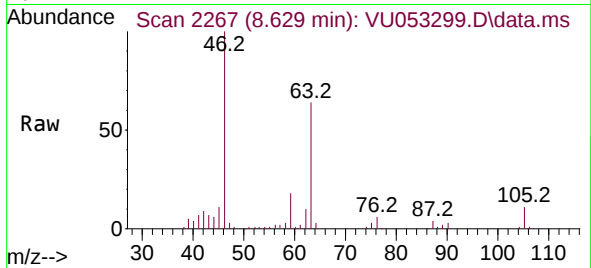




#48
2-Hexanone
Concen: 5.379 ug/L
RT: 8.629 min Scan# 21
Delta R.T. -0.049 min
Lab File: VU053299.D
Acq: 20 Mar 2023 11:54

Instrument :
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Tgt Ion: 43	Resp: 4575
Ion Ratio	Lower Upper
43 100	
58 44.0	49.4 74.0#
57 25.4	16.9 25.3#
100 0.0	9.8 14.8#



#60
1,2,3-Trichloropropane
Concen: 7.644 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053299.D
Acq: 20 Mar 2023 11:54

Tgt Ion: 75	Resp: 7012
Ion Ratio	Lower Upper
75 100	
77 32.0	26.6 40.0
110 0.6	28.6 42.8#

