

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053234.D
 Acq On : 16 Mar 2023 18:16
 Operator : JC/MD
 Sample : 01929-11 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE4

Quant Time: Mar 17 02:43:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 17 02:34:44 2023
 Response via : Initial Calibration

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

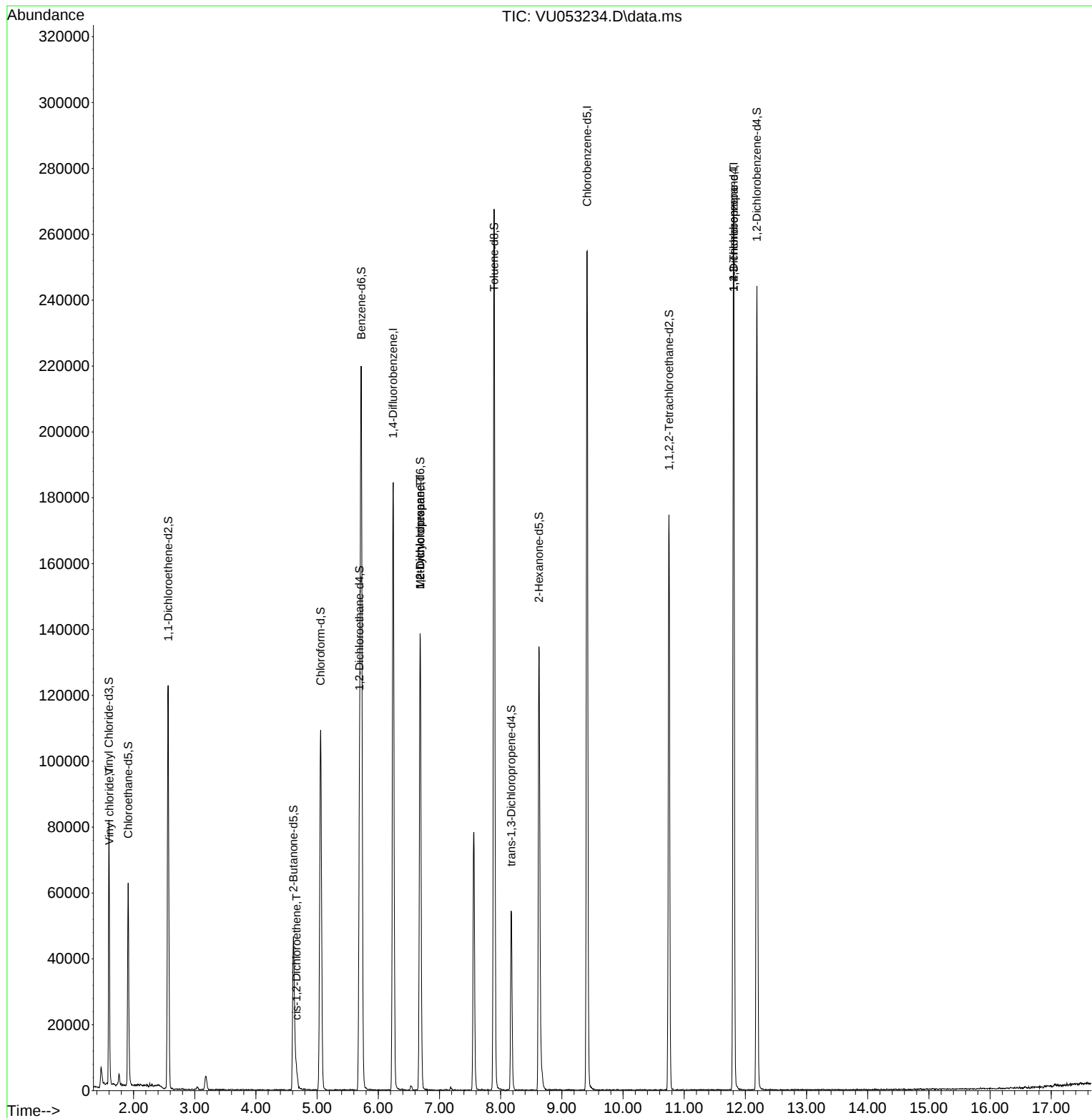
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	146160	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136456	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66401	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53025	39.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.640%
7) Chloroethane-d5	1.912	69	45617	41.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.640%
11) 1,1-Dichloroethene-d2	2.565	63	72416	31.002	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.000%
21) 2-Butanone-d5	4.613	46	66331	106.062	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.060%
24) Chloroform-d	5.057	84	96912	43.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.280%
26) 1,2-Dichloroethane-d4	5.694	65	63401	45.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
32) Benzene-d6	5.723	84	204512	46.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
36) 1,2-Dichloropropane-d6	6.684	67	68648	48.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.120%
41) Toluene-d8	7.893	98	180317	43.758	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.520%
43) trans-1,3-Dichloroprop...	8.173	79	30639	43.473	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.940%
47) 2-Hexanone-d5	8.626	63	49470	110.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.770%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	88578	47.868	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.740%
66) 1,2-Dichlorobenzene-d4	12.189	152	58946	45.847	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.700%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	2688	1.748	ug/L #	37
20) cis-1,2-Dichloroethene	4.662	96	1927	1.506	ug/L	84
35) Methylcyclohexane	6.684	83	15098	6.983	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	7011	5.312	ug/L #	90
60) 1,2,3-Trichloropropane	11.809	75	10129	7.677	ug/L #	70

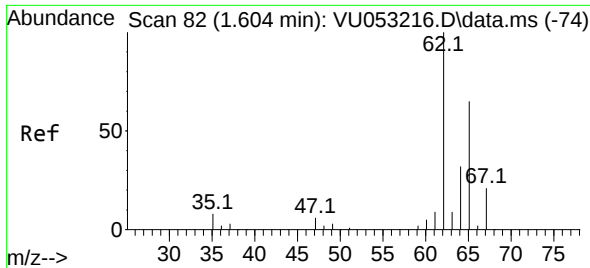
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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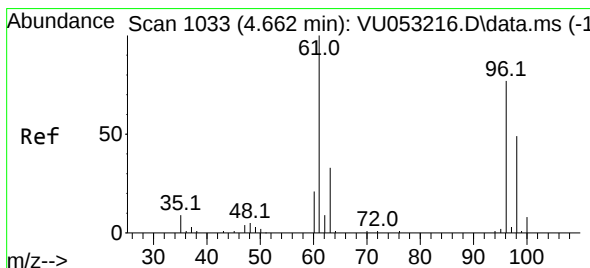
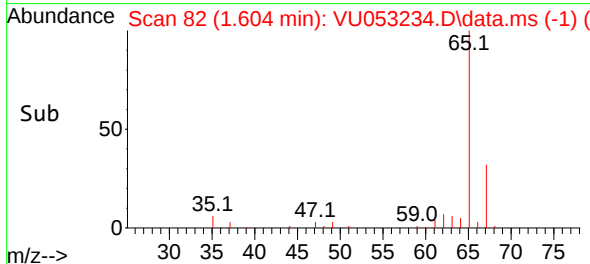
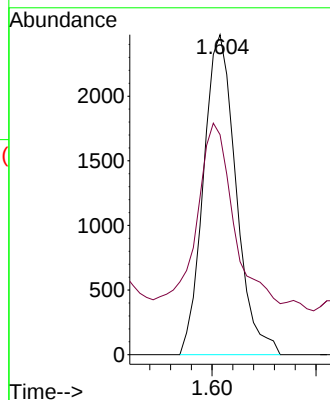
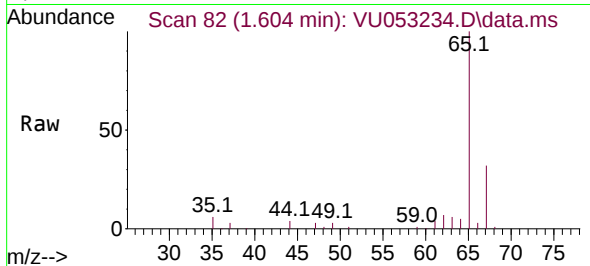




#5
 Vinyl chloride
 Concen: 1.748 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU053234.D
 Acq: 16 Mar 2023 18:16

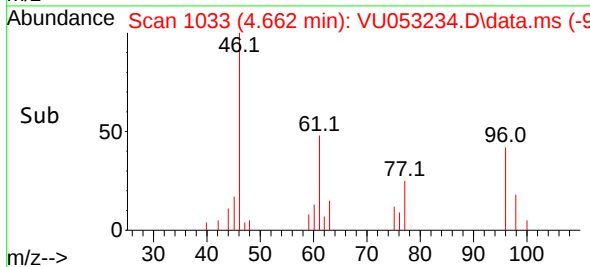
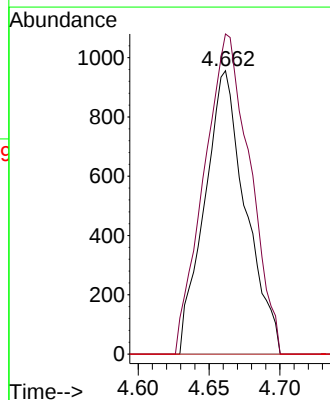
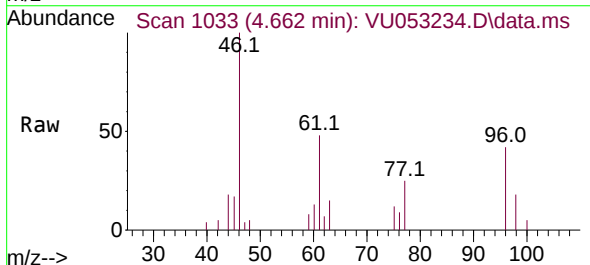
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE4

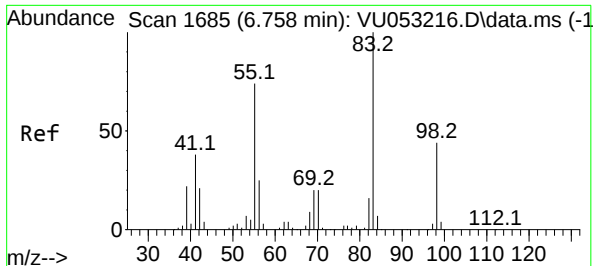
Tgt Ion: 62 Resp: 2688
 Ion Ratio Lower Upper
 62 100
 64 68.7 23.2 43.0#



#20
 cis-1,2-Dichloroethene
 Concen: 1.506 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VU053234.D
 Acq: 16 Mar 2023 18:16

Tgt Ion: 96 Resp: 1927
 Ion Ratio Lower Upper
 96 100
 61 113.0 92.5 171.7
 68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 6.983 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

Lab File: VU053234.D

Acq: 16 Mar 2023 18:16

Instrument :

MSVOA_U

ClientSampleId :

EYFE4

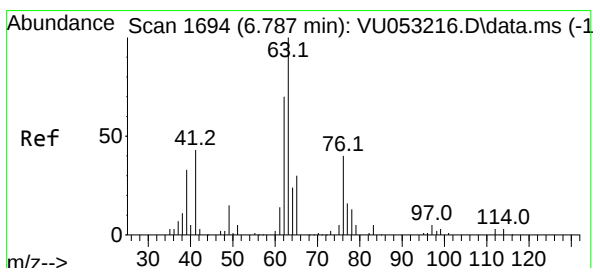
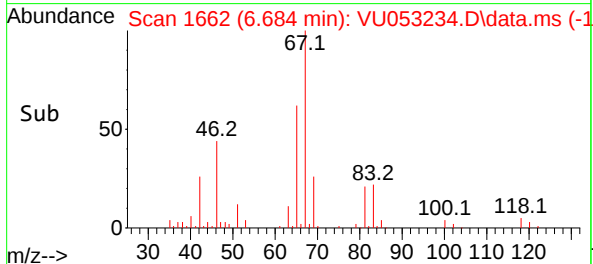
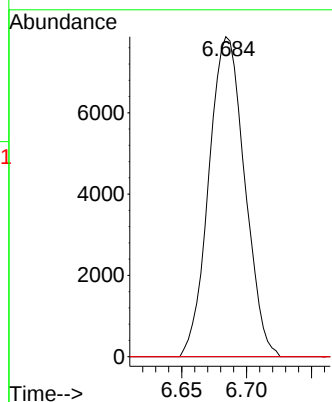
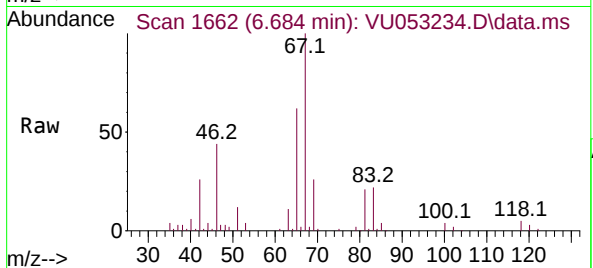
Tgt Ion: 83 Resp: 15098

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.5 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 5.312 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053234.D

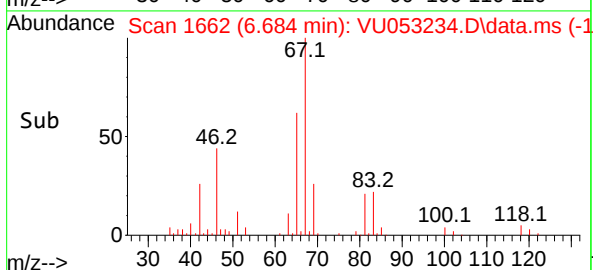
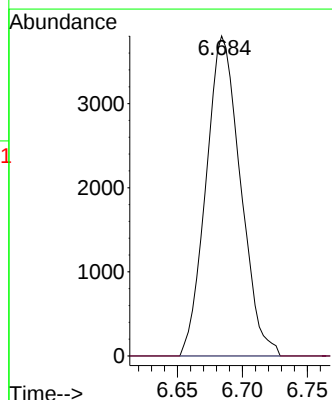
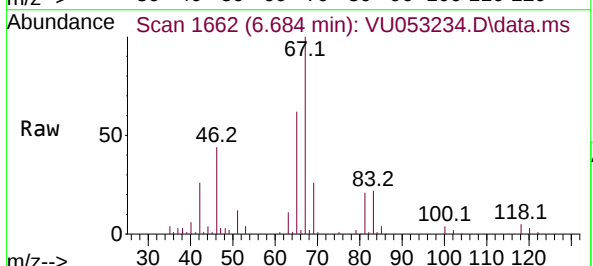
Acq: 16 Mar 2023 18:16

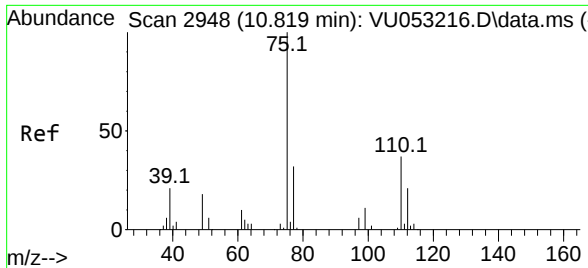
Tgt Ion: 63 Resp: 7011

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.677 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053234.D
 Acq: 16 Mar 2023 18:16

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE4

Tgt Ion: 75	Resp:	10129
Ion Ratio	Lower	Upper
75	100	
77	32.7	26.6 40.0
110	1.8	28.6 42.8#

