

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053237.D
 Acq On : 16 Mar 2023 19:27
 Operator : JC/MD
 Sample : 01929-20 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG3

Quant Time: Mar 17 02:44:25 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)

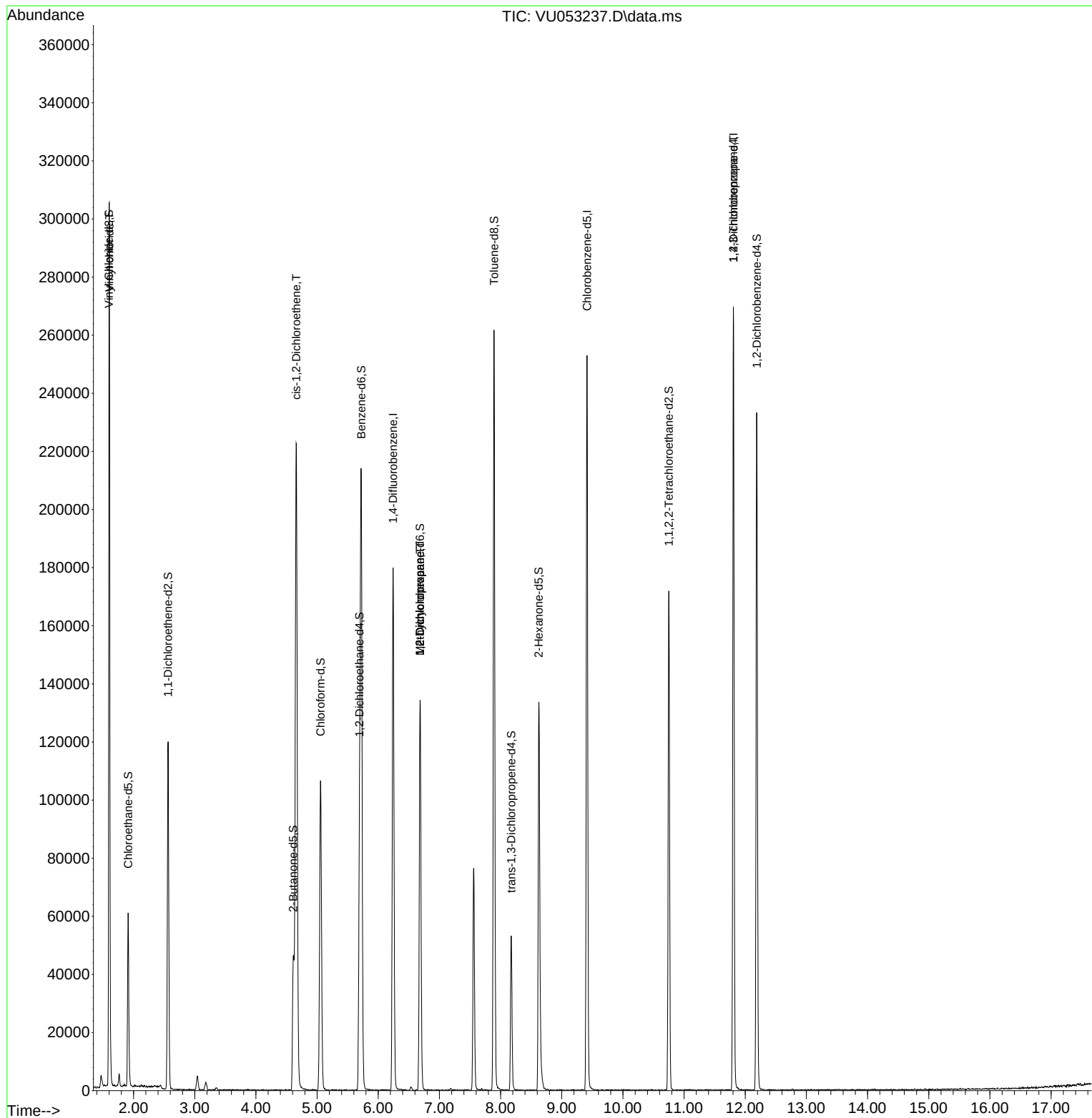
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	143377	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	133949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	65127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53363	40.343	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.680%
7) Chloroethane-d5	1.912	69	45025	42.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.160%
11) 1,1-Dichloroethene-d2	2.565	63	71143	31.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.100%
21) 2-Butanone-d5	4.610	46	65614	106.952	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.950%
24) Chloroform-d	5.057	84	93598	42.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.920%
26) 1,2-Dichloroethane-d4	5.694	65	62277	46.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
32) Benzene-d6	5.723	84	200291	46.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.684	67	67051	47.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	7.893	98	176889	43.730	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.460%
43) trans-1,3-Dichloroprop...	8.176	79	30884	44.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.280%
47) 2-Hexanone-d5	8.626	63	48190	109.926	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.930%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86691	47.725	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.440%
66) 1,2-Dichlorobenzene-d4	12.188	152	57274	45.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.840%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	169343	112.258	ug/L	100
20) cis-1,2-Dichloroethene	4.661	96	111722	89.032	ug/L	99
35) Methylcyclohexane	6.684	83	14815	6.980	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	6686	5.160	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	9980	7.712	ug/L #	68

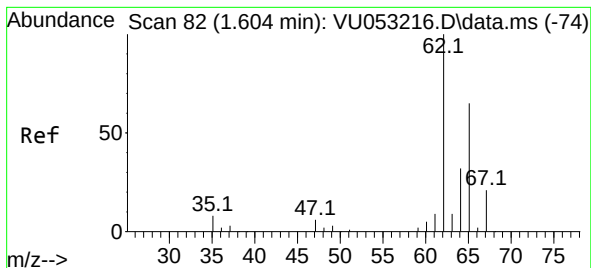
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 112.258 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

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ClientSampleId :

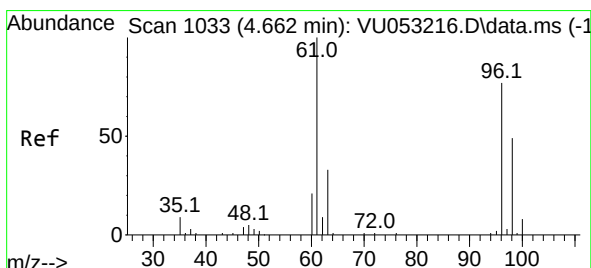
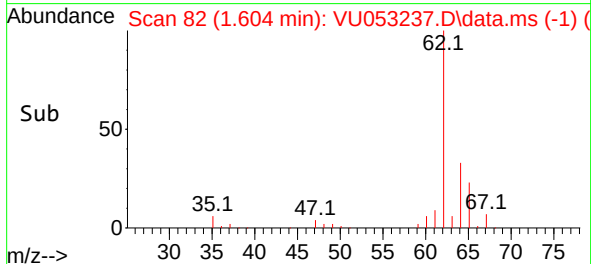
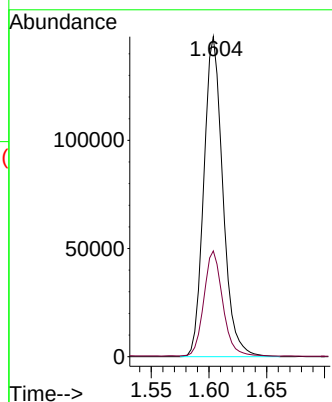
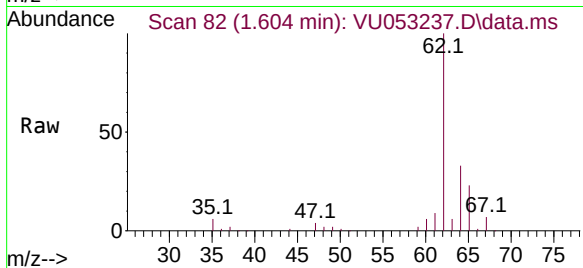
EYFG3

Tgt Ion: 62 Resp: 169343

Ion Ratio Lower Upper

62 100

64 33.0 23.2 43.0



#20

cis-1,2-Dichloroethene

Concen: 89.032 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

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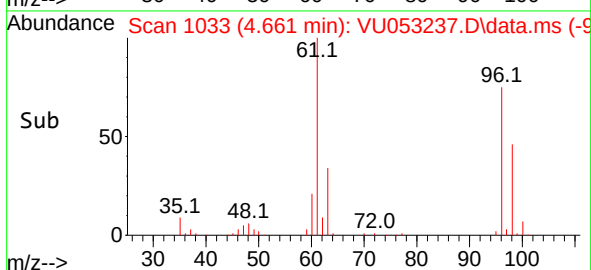
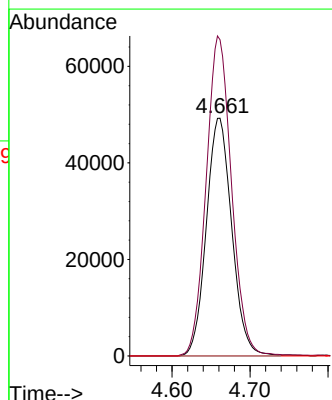
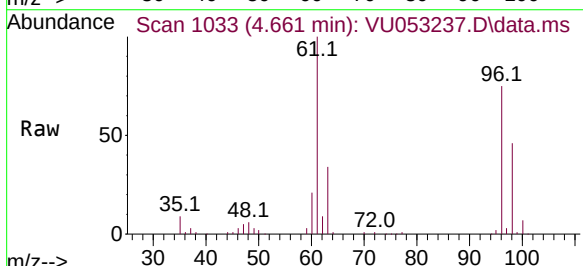
Tgt Ion: 96 Resp: 111722

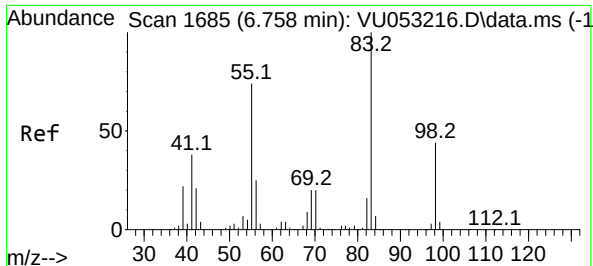
Ion Ratio Lower Upper

96 100

61 133.0 92.5 171.7

68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 6.980 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

Lab File: VU053237.D

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Instrument :

MSVOA_U

ClientSampleId :

EYFG3

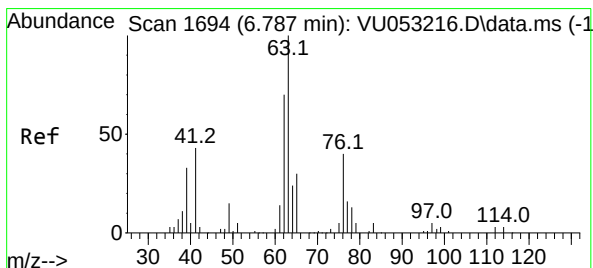
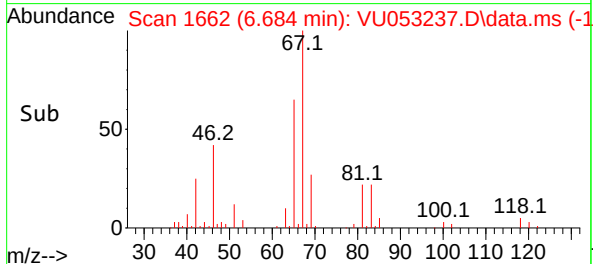
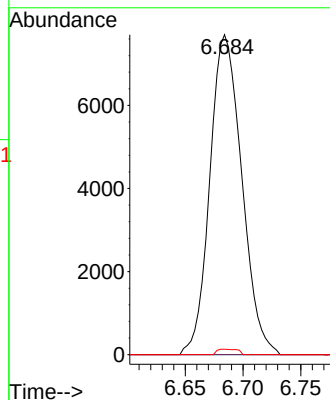
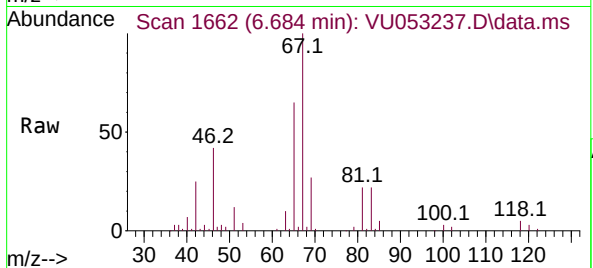
Tgt Ion: 83 Resp: 14815

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.8 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 5.160 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053237.D

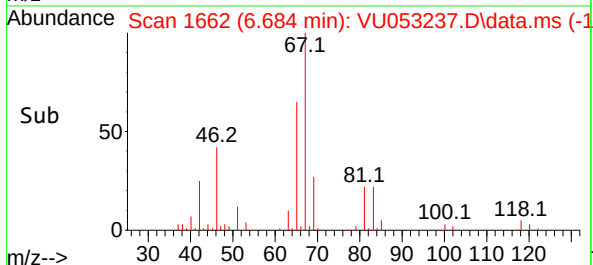
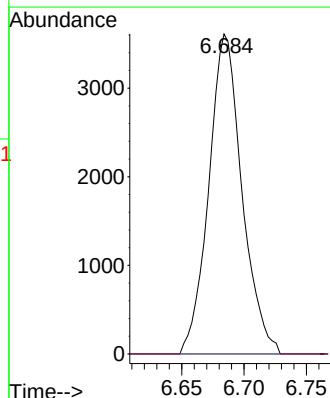
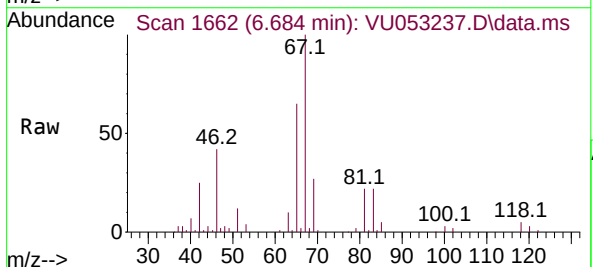
Acq: 16 Mar 2023 19:27

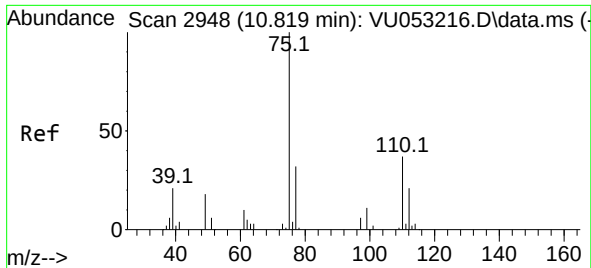
Tgt Ion: 63 Resp: 6686

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.712 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053237.D
 Acq: 16 Mar 2023 19:27

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG3

Tgt Ion: 75 Resp: 9980
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.6 40.0
 110 2.3 28.6 42.8#

