

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053227.D
 Acq On : 16 Mar 2023 15:31
 Operator : JC/MD
 Sample : 01929-20 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG3

Quant Time: Mar 17 02:42:23 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)

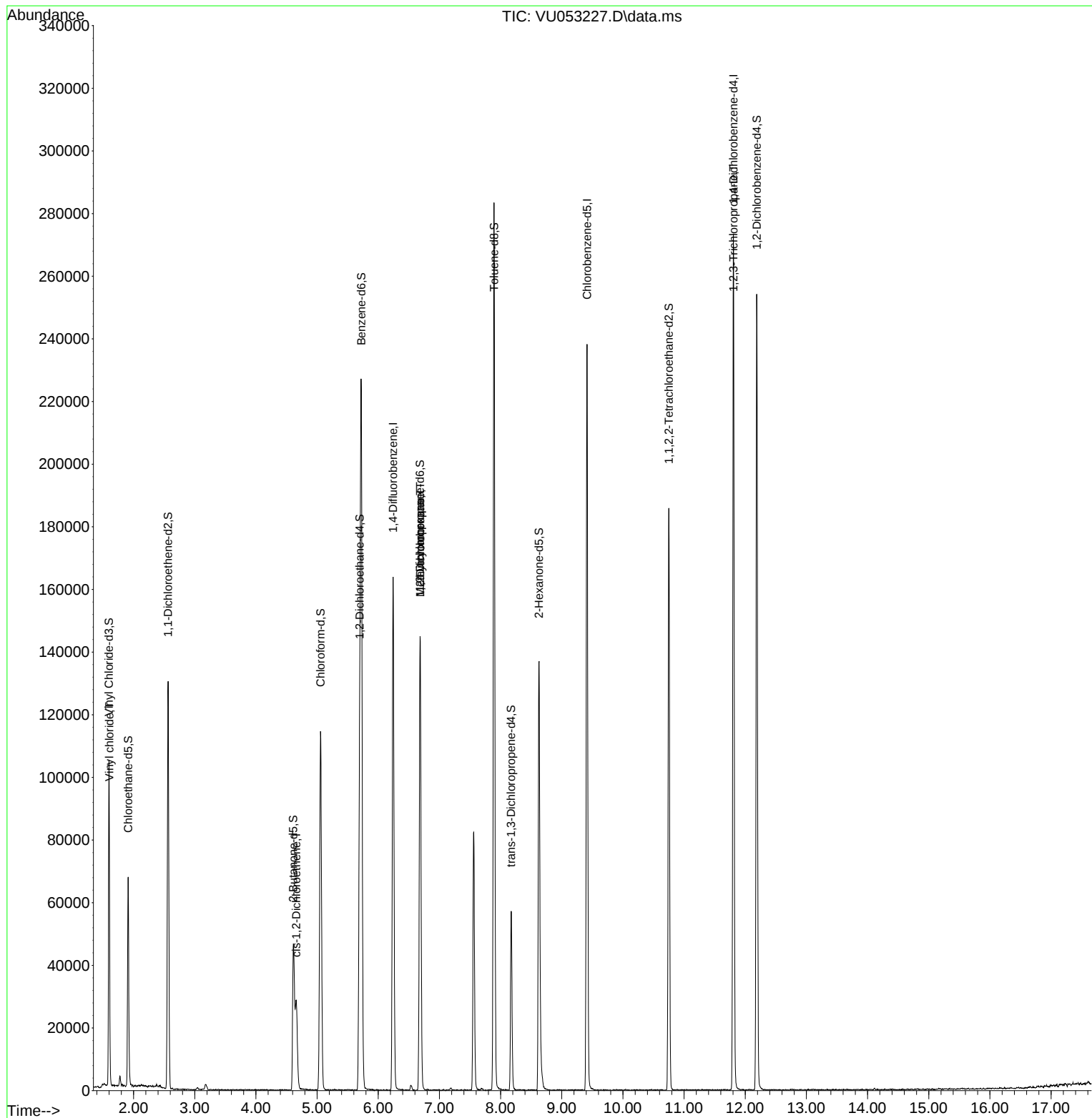
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	129655	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125898	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	67941	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58355	48.786	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.580%
7) Chloroethane-d5	1.912	69	48777	50.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.820%
11) 1,1-Dichloroethene-d2	2.565	63	78038	37.661	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.320%
21) 2-Butanone-d5	4.610	46	65216	117.554	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.550%
24) Chloroform-d	5.057	84	101555	51.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.100%
26) 1,2-Dichloroethane-d4	5.697	65	66020	53.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.920%
32) Benzene-d6	5.723	84	214606	52.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.100%
36) 1,2-Dichloropropane-d6	6.684	67	71467	54.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.460%
41) Toluene-d8	7.893	98	189708	49.898	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.173	79	32669	50.240	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.480%
47) 2-Hexanone-d5	8.626	63	48220	117.028	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.030%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92190	53.998	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	62364	47.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.820%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	19523	14.311	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	12871	11.343	ug/L	98
35) Methylcyclohexane	6.687	83	15921	7.981	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	7357	6.041	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	9700	7.185	ug/L #	70

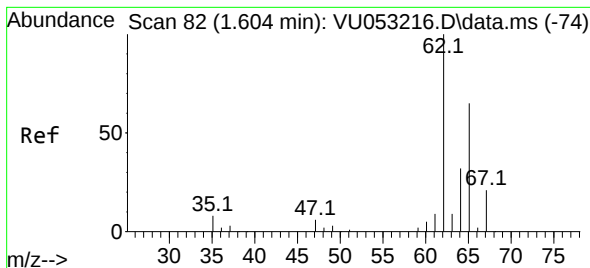
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 14.311 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

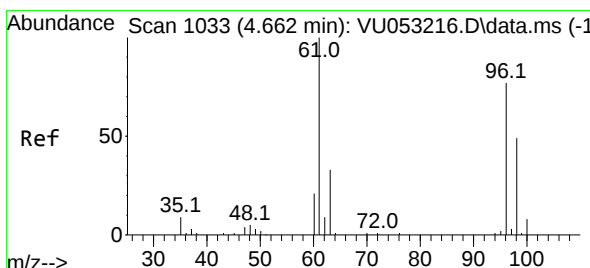
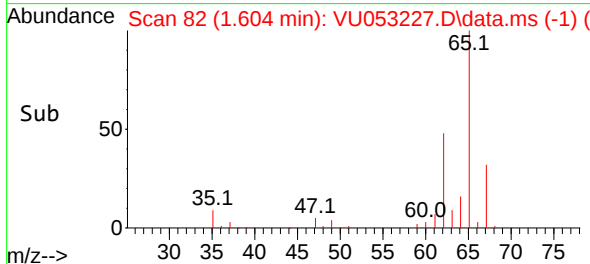
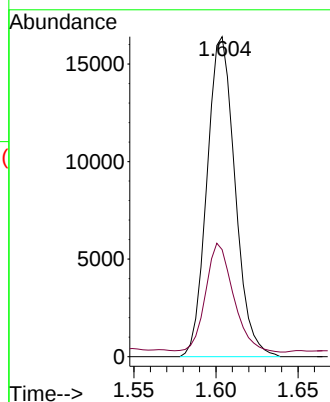
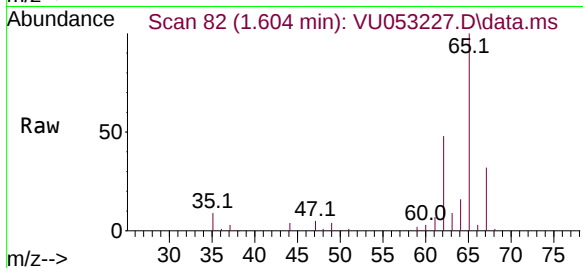
EYFG3

Tgt Ion: 62 Resp: 19523

Ion Ratio Lower Upper

62 100

64 33.4 23.2 43.0



#20

cis-1,2-Dichloroethene

Concen: 11.343 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU053227.D

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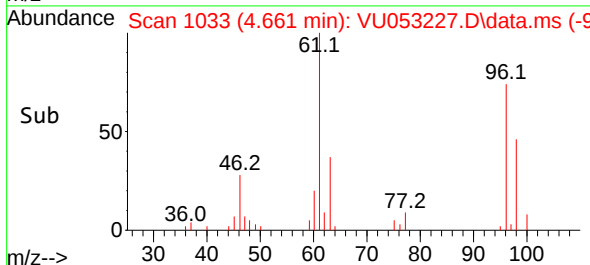
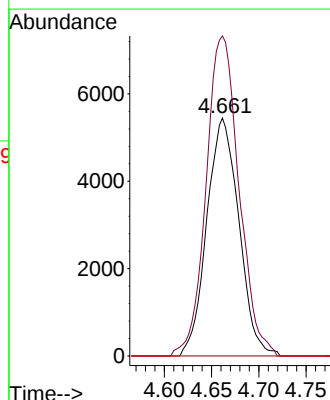
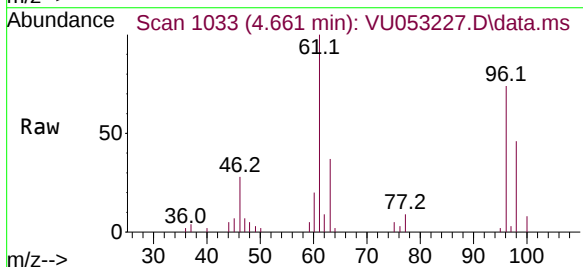
Tgt Ion: 96 Resp: 12871

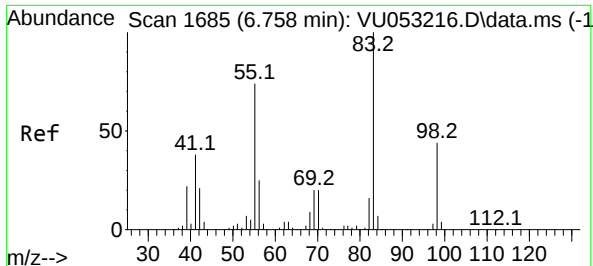
Ion Ratio Lower Upper

96 100

61 134.5 92.5 171.7

68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 7.981 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053227.D

Acq: 16 Mar 2023 15:31

Instrument :

MSVOA_U

ClientSampleId :

EYFG3

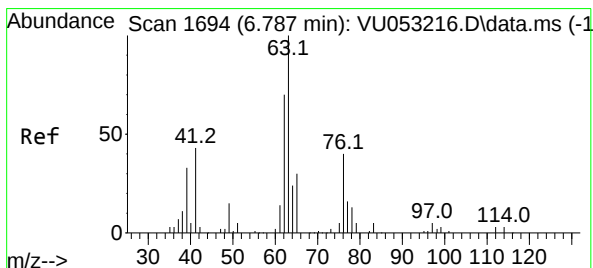
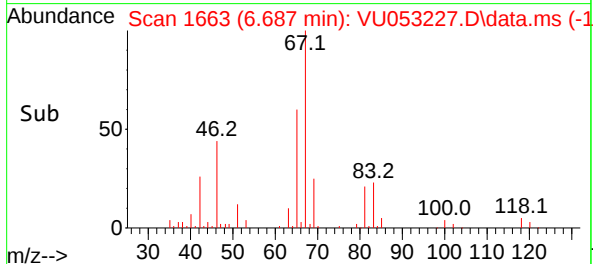
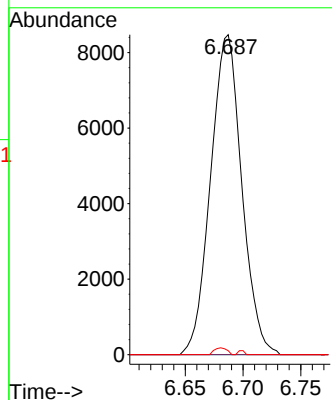
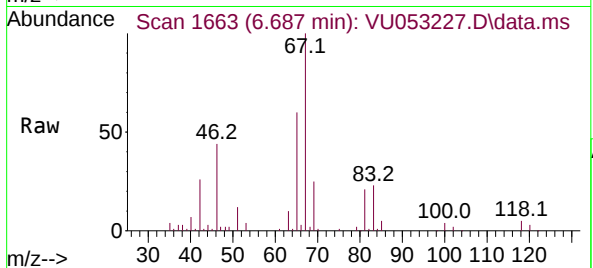
Tgt Ion: 83 Resp: 15921

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.9 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 6.041 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053227.D

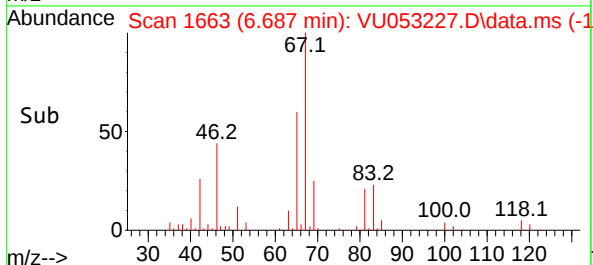
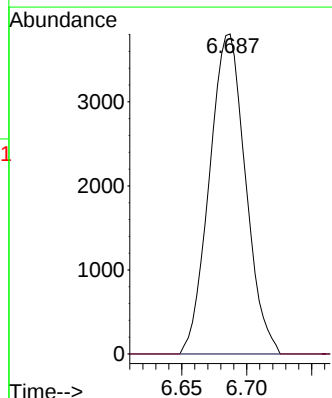
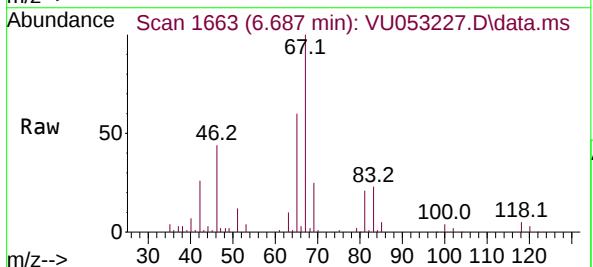
Acq: 16 Mar 2023 15:31

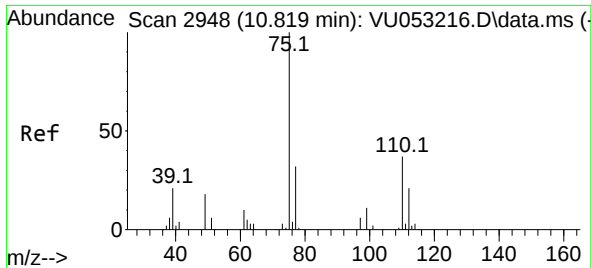
Tgt Ion: 63 Resp: 7357

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.185 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053227.D
 Acq: 16 Mar 2023 15:31

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG3

Tgt Ion: 75 Resp: 9700
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.6 40.0
 110 2.0 28.6 42.8#

