

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052239.D
 Acq On : 08 Dec 2022 11:22
 Operator : JC/MD
 Sample : VU1208WBL07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK152

Quant Time: Dec 08 22:30:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

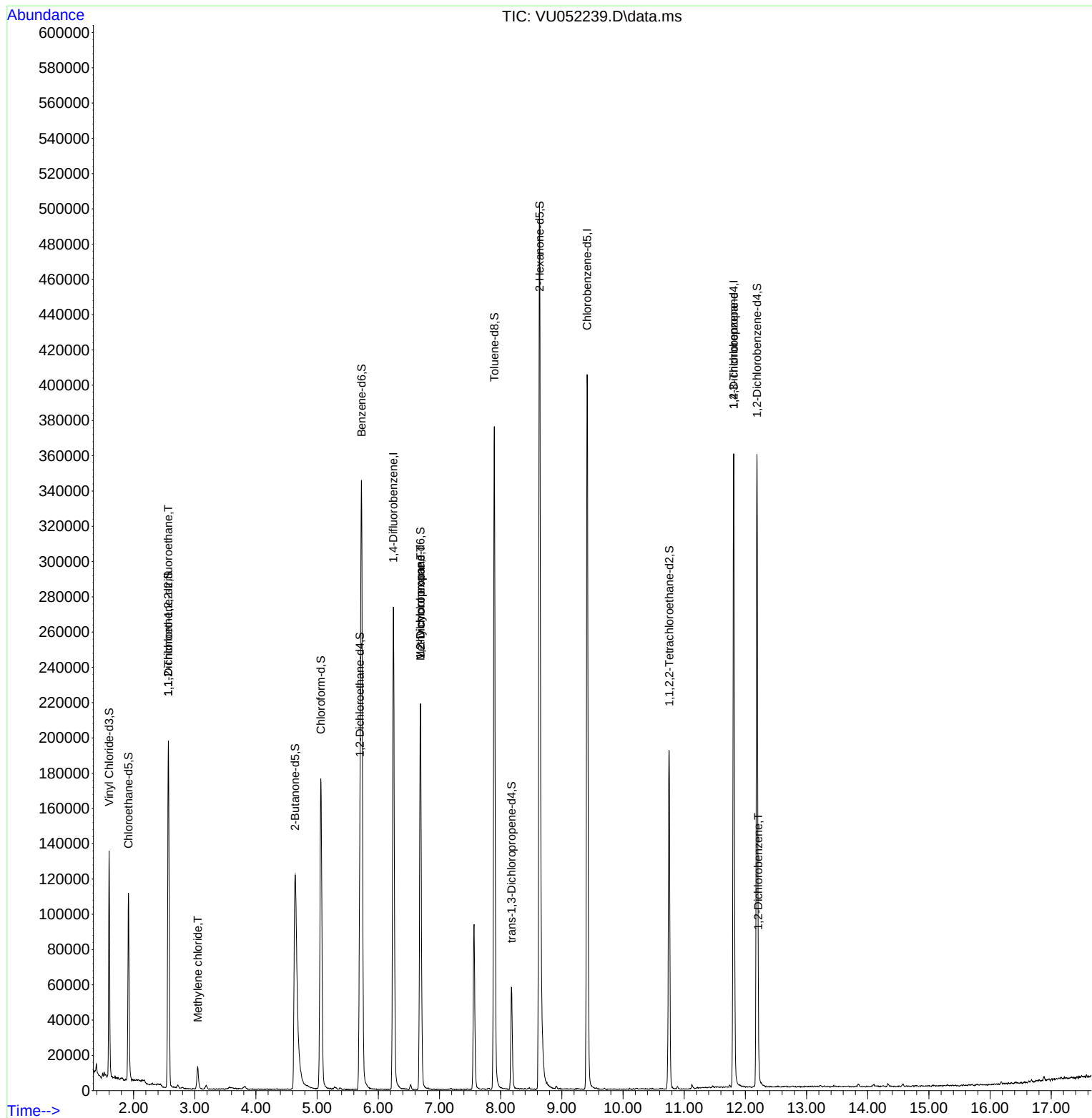
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227266	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	237025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	94482	4.274	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.916	69	81691	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.568	65	37562	4.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.642	46	247956	61.880	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.760%
24) Chloroform-d	5.060	84	171369	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.700	65	87455	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.726	84	342693	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	115694	5.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.896	98	264199	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.176	79	35222	4.438	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.636	63	180486	53.666	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.340%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101375	5.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	100327	5.272	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1253	0.075	ug/L #	20
16) Methylene chloride	3.047	84	6350	0.285	ug/L	96
35) Methylcyclohexane	6.687	83	25301	0.914	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10877	0.545	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	11689	1.028	ug/L #	69
67) 1,2-Dichlorobenzene	12.211	146	2786	0.091	ug/L	92

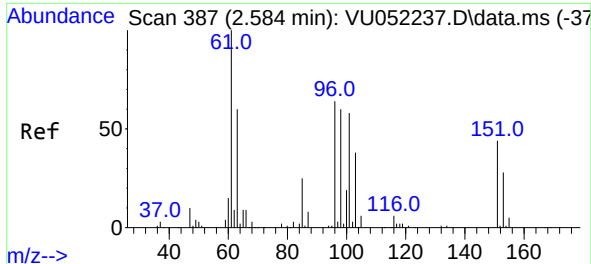
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.075 ug/L

RT: 2.568 min Scan# 387

Delta R.T. -0.013 min

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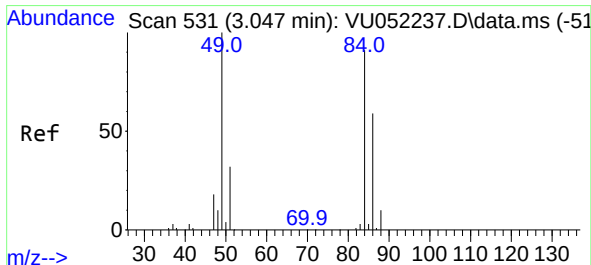
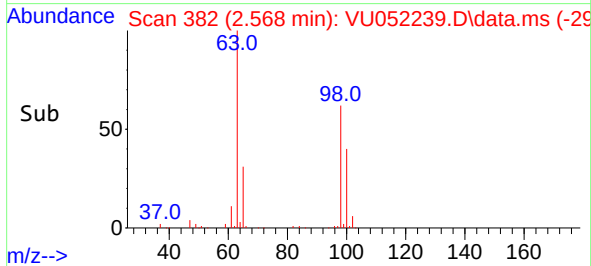
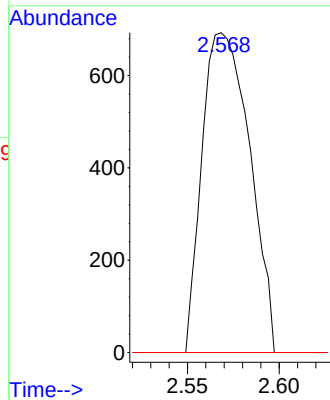
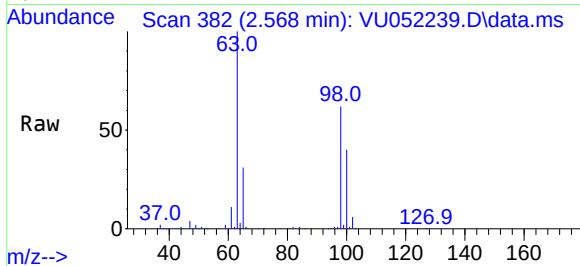
Tgt Ion:101 Resp: 1253

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 58.6 88.0#



#16

Methylene chloride

Concen: 0.285 ug/L

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU052239.D

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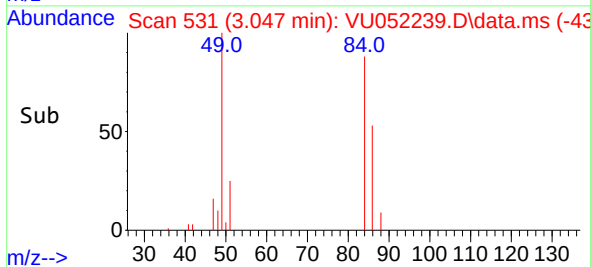
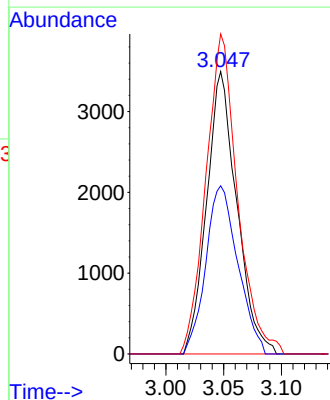
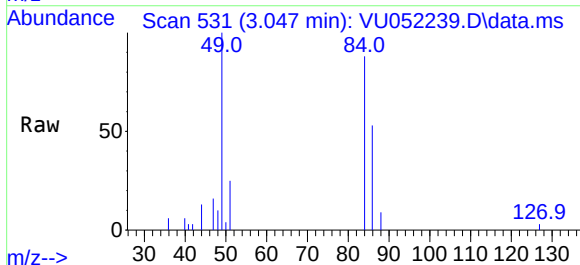
Tgt Ion: 84 Resp: 6350

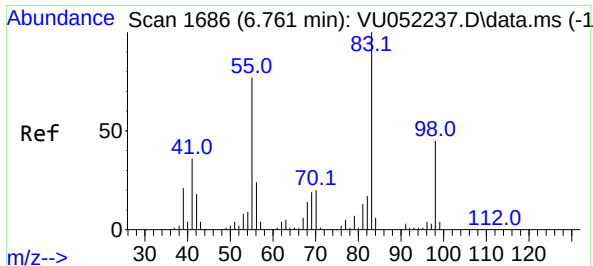
Ion Ratio Lower Upper

84 100

86 59.6 43.8 81.4

49 113.3 75.9 141.1





#35

Methylcyclohexane

Concen: 0.914 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

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MSVOA_U

ClientSampleId :

VBLK152

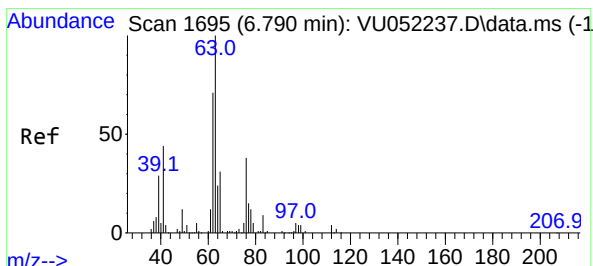
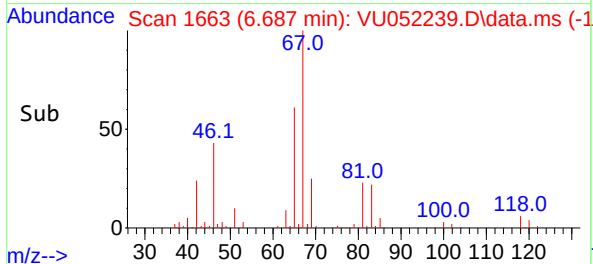
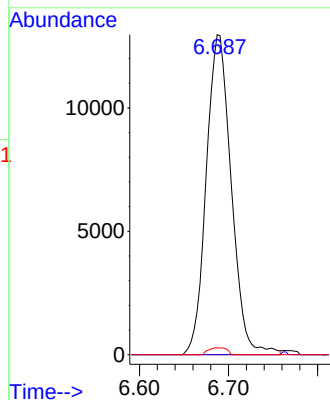
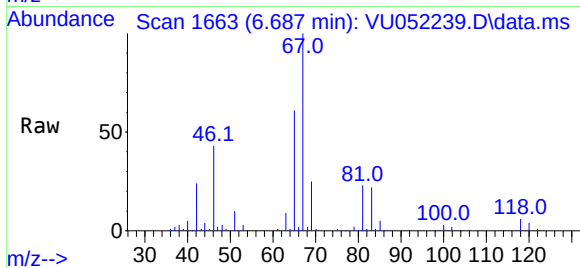
Tgt Ion: 83 Resp: 25301

Ion Ratio Lower Upper

83 100

55 0.2 60.8 91.2#

98 1.6 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.545 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU052239.D

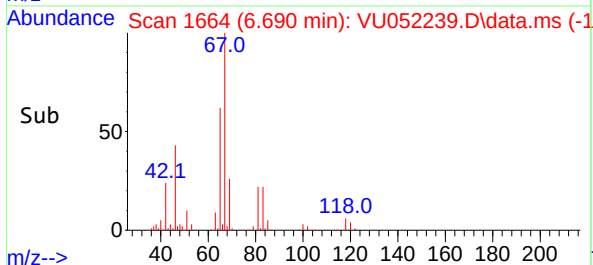
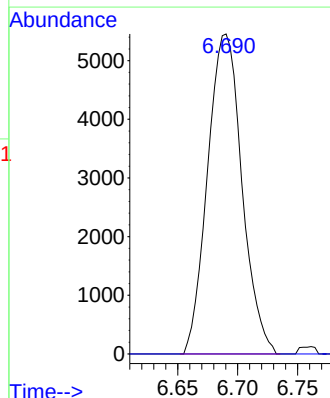
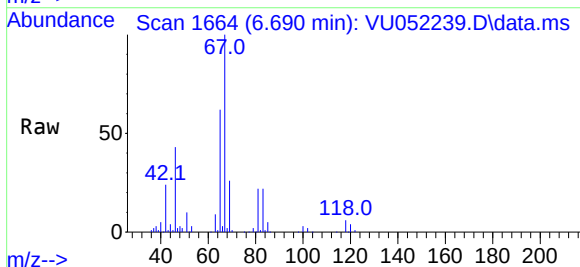
Acq: 08 Dec 2022 11:22

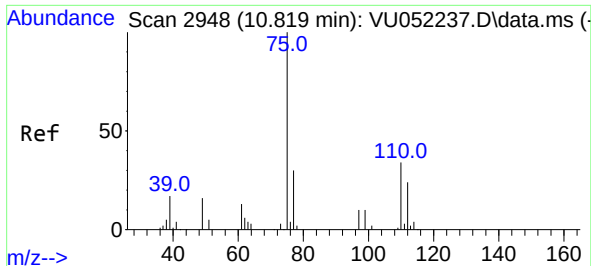
Tgt Ion: 63 Resp: 10877

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

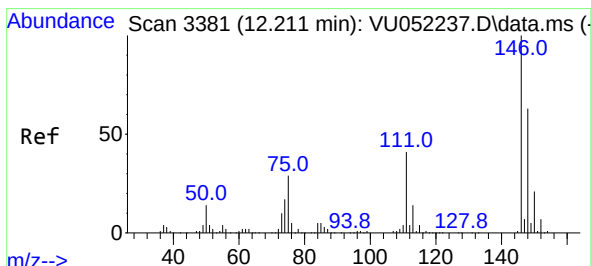
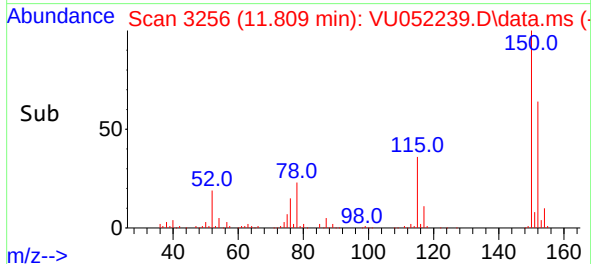
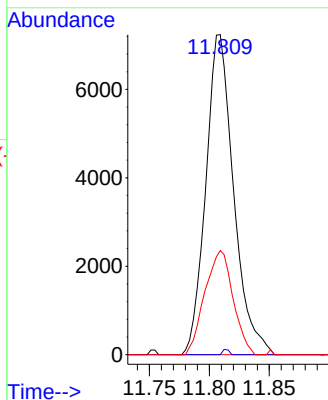
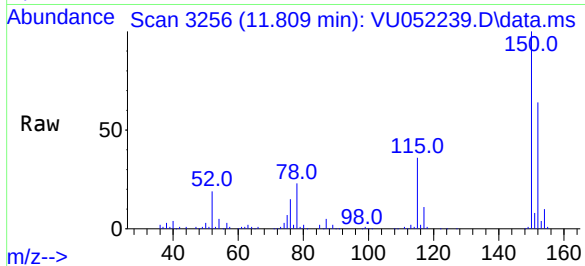




#61
1,2,3-Trichloropropane
Concen: 1.028 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052239.D
Acq: 08 Dec 2022 11:22

Instrument :
MSVOA_U
ClientSampleId :
VBLK152

Tgt Ion: 75 Resp: 11689
Ion Ratio Lower Upper
75 100
110 0.4 28.3 42.5#
77 32.9 26.2 39.2



#67
1,2-Dichlorobenzene
Concen: 0.091 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU052239.D
Acq: 08 Dec 2022 11:22

Tgt Ion: 146 Resp: 2786
Ion Ratio Lower Upper
146 100
111 47.7 32.7 49.1
148 67.5 50.6 75.8

