

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052302.D
 Acq On : 09 Dec 2022 15:27
 Operator : JC/MD
 Sample : N5918-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Dec 09 23:12:16 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)

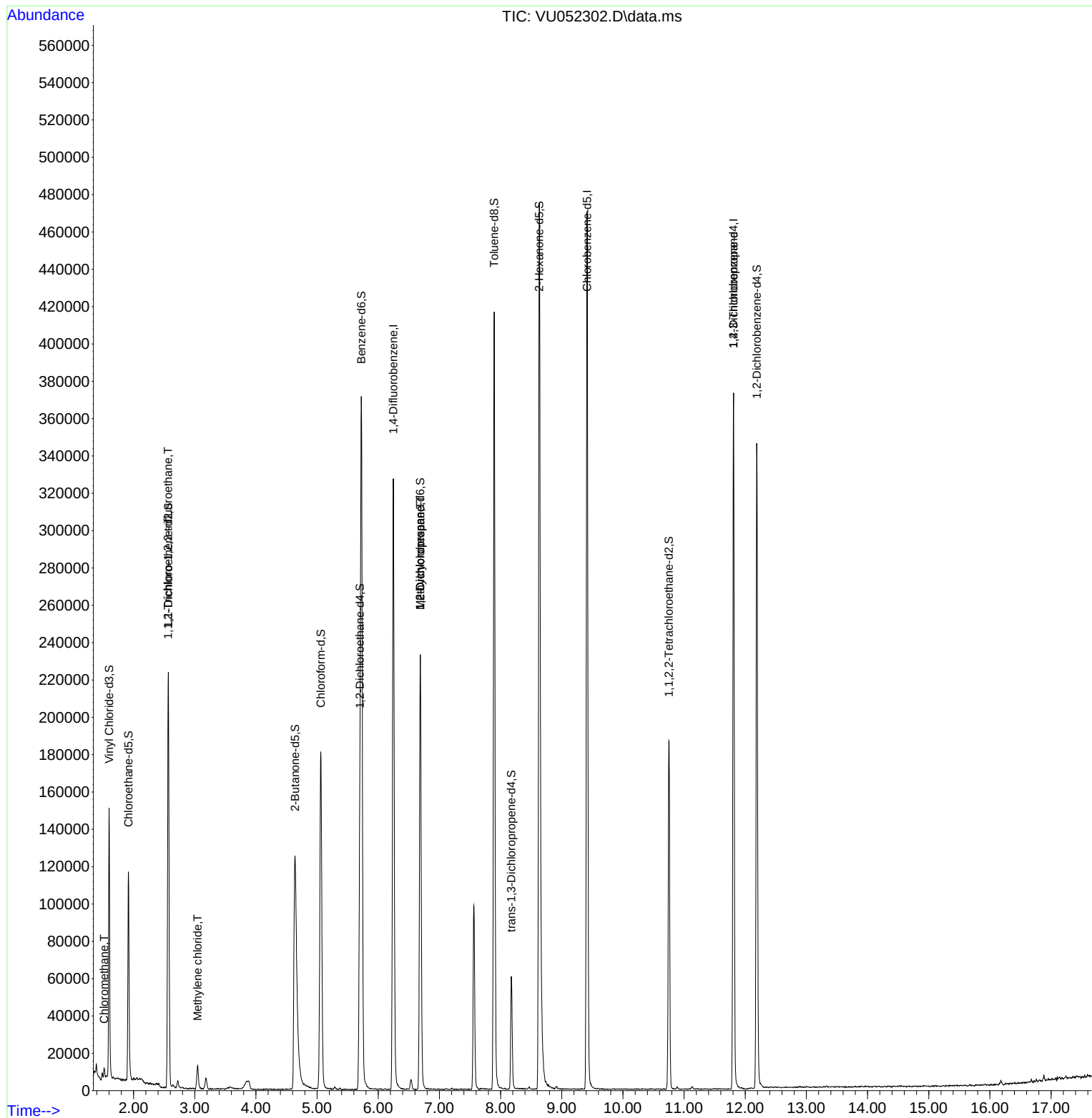
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	271025	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	273725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	105753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	107071	4.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.916	69	89590	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.568	65	43201	4.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.639	46	238024	49.811	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.620%
24) Chloroform-d	5.060	84	173763	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	89851	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.726	84	362767	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.687	67	117610	4.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.896	98	287470	3.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.176	79	35638	3.889	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.632	63	166238	42.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	98220	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	97211	4.801	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3957	0.129	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1149	0.058	ug/L #	20
16) Methylene chloride	3.047	84	6925	0.260	ug/L	93
35) Methylcyclohexane	6.687	83	26524	0.830	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	11473	0.497	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	12451	1.029	ug/L #	69

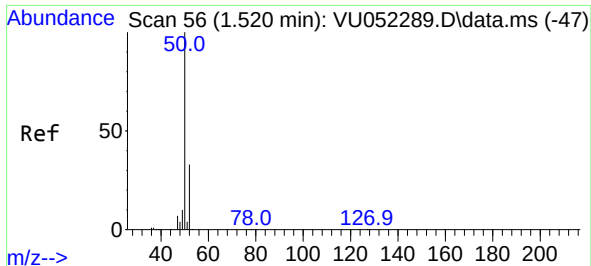
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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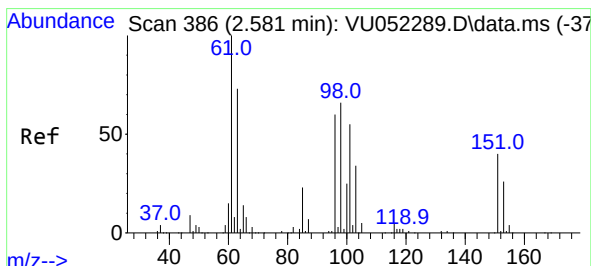
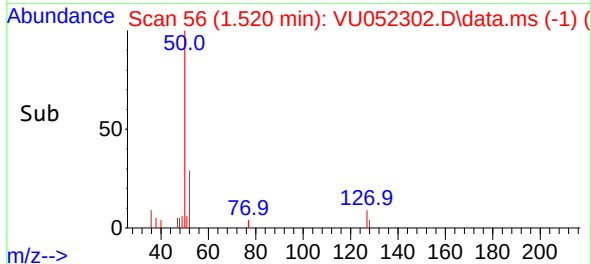
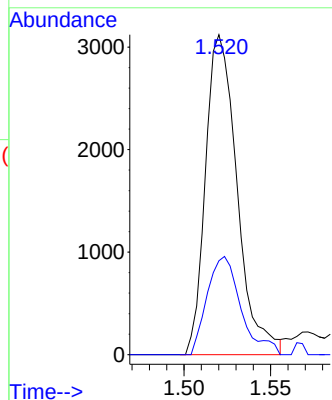
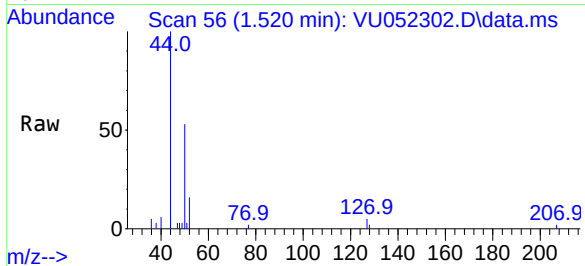




#3
Chloromethane
Concen: 0.129 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052302.D
Acq: 09 Dec 2022 15:27

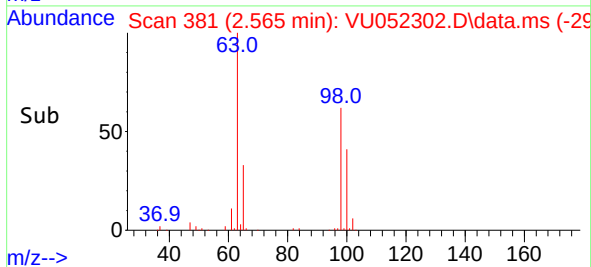
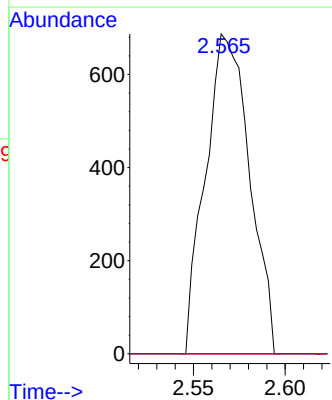
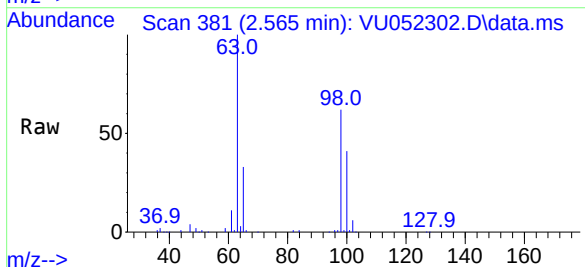
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

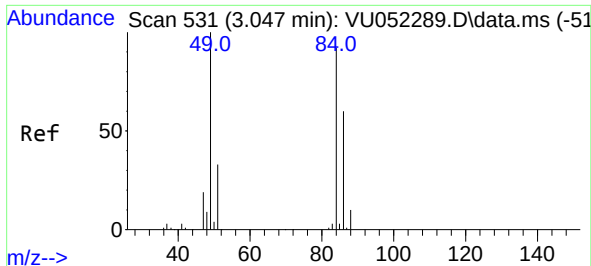
Tgt Ion: 50 Resp: 3957
Ion Ratio Lower Upper
50 100
52 29.3 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU052302.D
Acq: 09 Dec 2022 15:27

Tgt Ion: 101 Resp: 1149
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

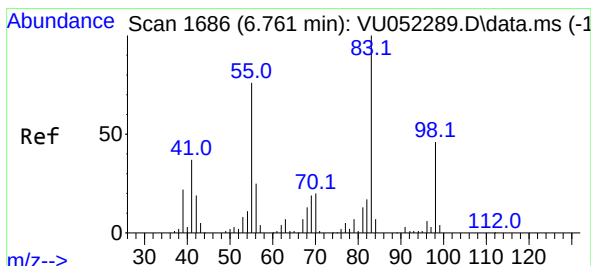
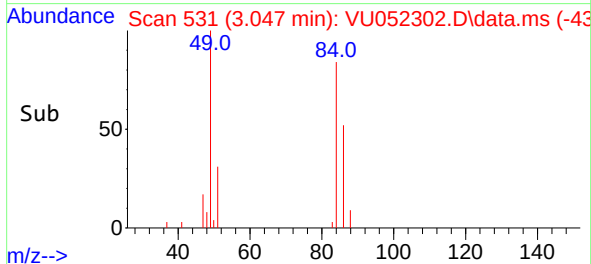
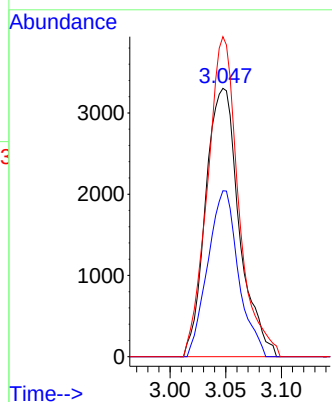
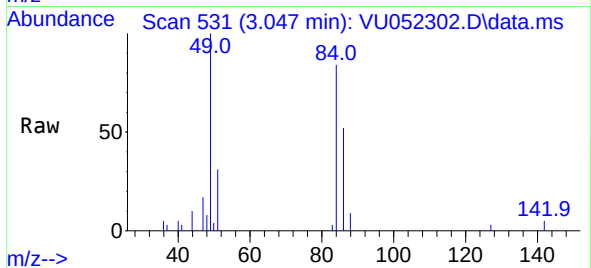




#16
Methylene chloride
Concen: 0.260 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052302.D
Acq: 09 Dec 2022 15:27

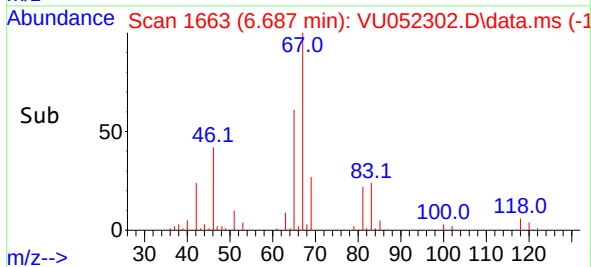
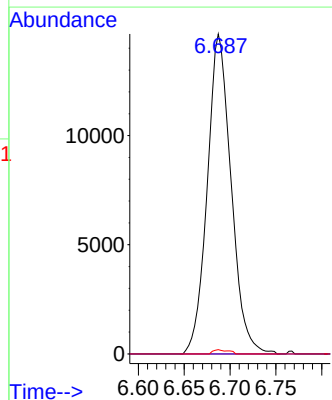
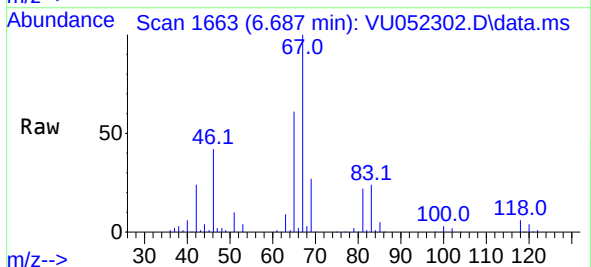
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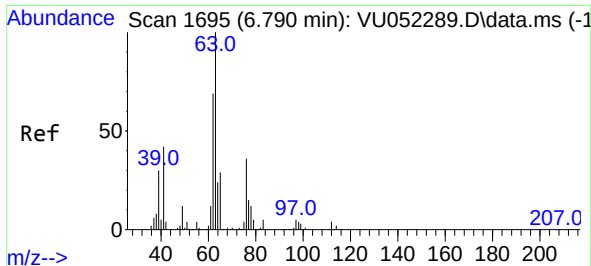
Tgt Ion: 84 Resp: 6925
Ion Ratio Lower Upper
84 100
86 61.8 43.8 81.4
49 119.3 75.9 141.1



#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052302.D
Acq: 09 Dec 2022 15:27

Tgt Ion: 83 Resp: 26524
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 0.9 35.1 52.7#

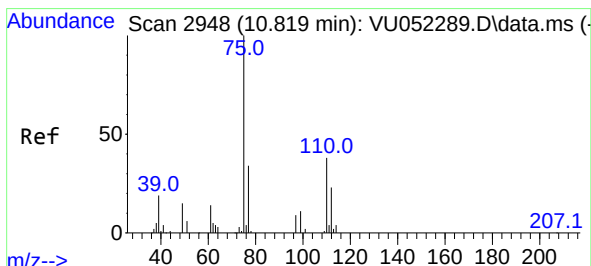
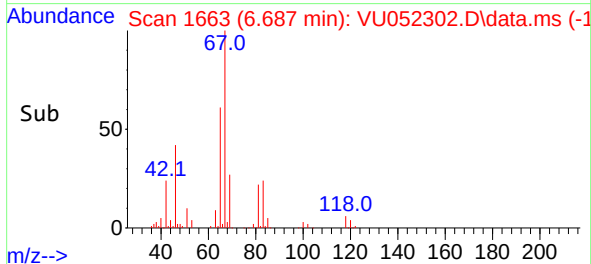
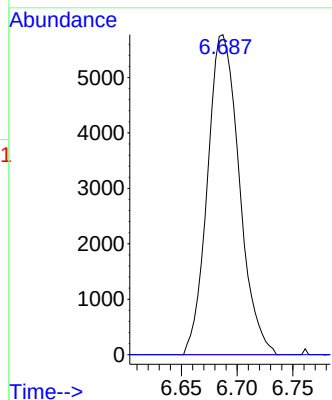
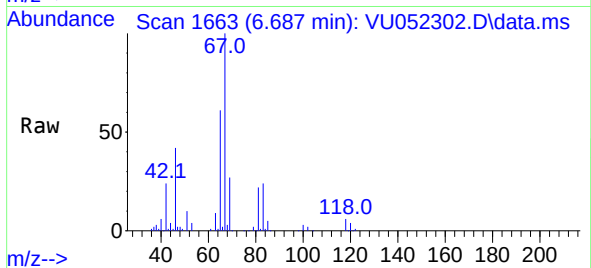




#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.687 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU052302.D
Acq: 09 Dec 2022 15:27

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 63 Resp: 11473
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.029 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052302.D
Acq: 09 Dec 2022 15:27

Tgt Ion: 75 Resp: 12451
Ion Ratio Lower Upper
75 100
110 2.2 28.3 42.5#
77 30.7 26.2 39.2

