

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052317.D
 Acq On : 09 Dec 2022 21:44
 Operator : JC/MD
 Sample : N5979-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EP5

Quant Time: Dec 10 03:23:12 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)

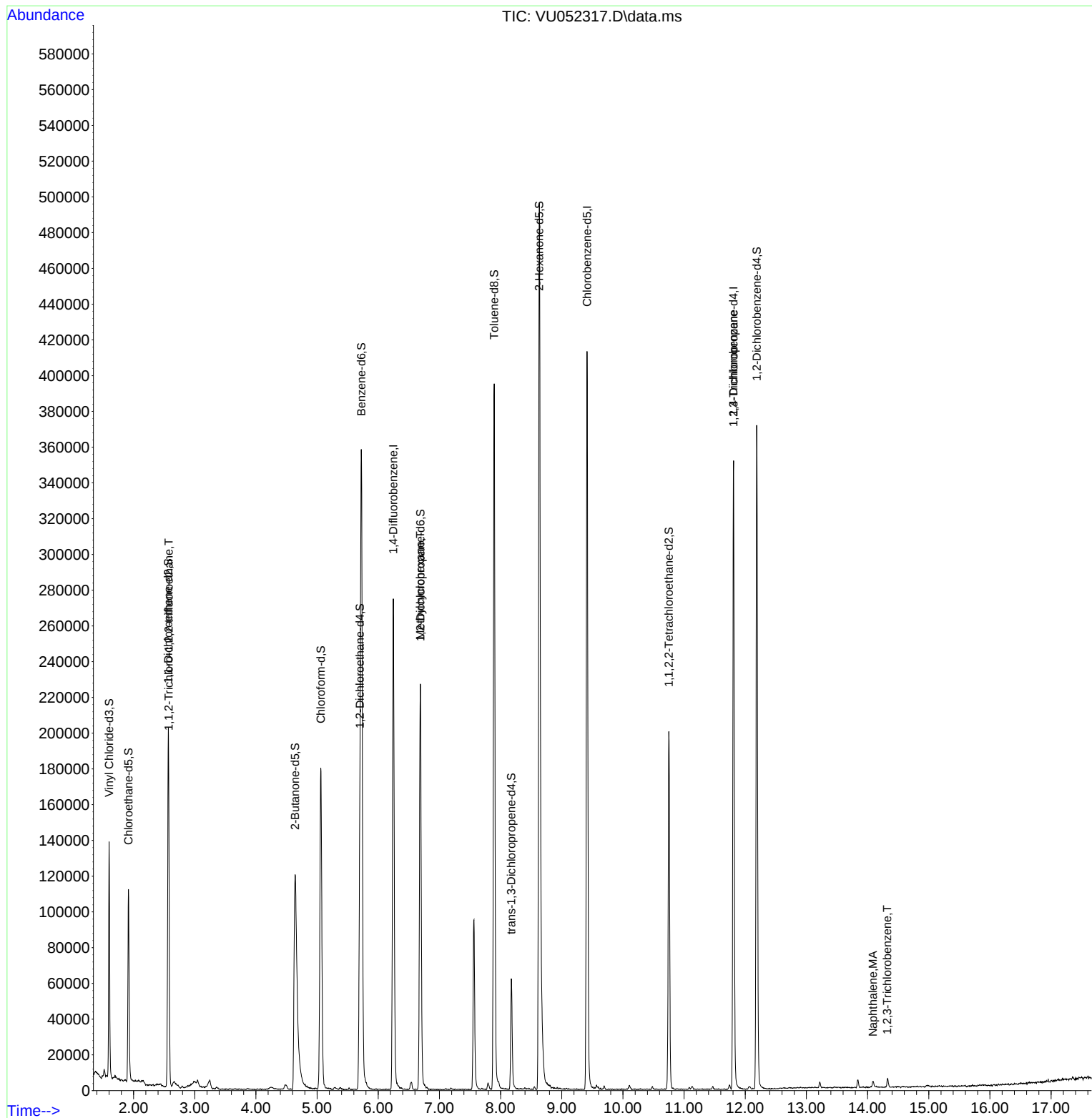
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	230693	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	241172	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	96217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	95784	4.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.916	69	84063	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.568	65	38363	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.642	46	250357	61.551	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.100%
24) Chloroform-d	5.060	84	170672	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.700	65	90929	5.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.726	84	352450	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.690	67	118087	5.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.896	98	280624	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.176	79	36419	4.510	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.632	63	174826	51.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.180%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103617	5.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	106012	5.755	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1426	0.085	ug/L #	28
35) Methylcyclohexane	6.687	83	26583	0.944	ug/L #	19
61) 1,2,3-Trichloropropane	11.806	75	12145	1.103	ug/L #	66
71) Naphthalene	14.089	128	5089	0.163	ug/L #	84
72) 1,2,3-Trichlorobenzene	14.323	180	2106	0.128	ug/L	89

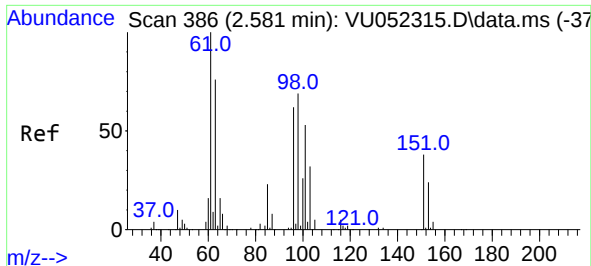
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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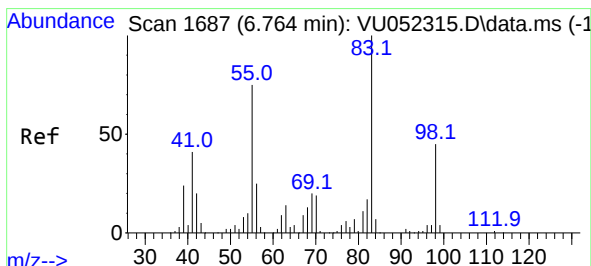
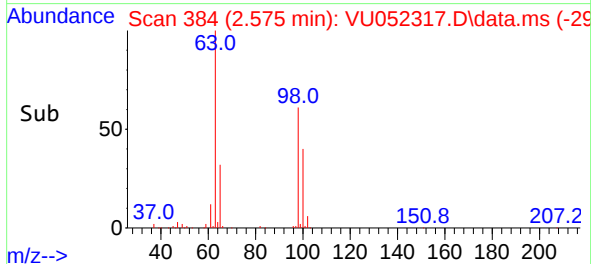
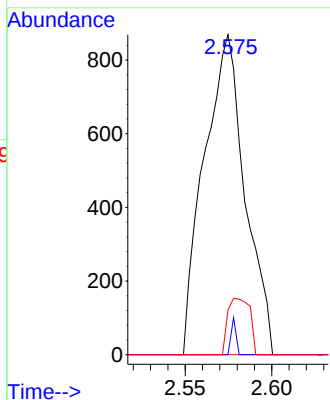
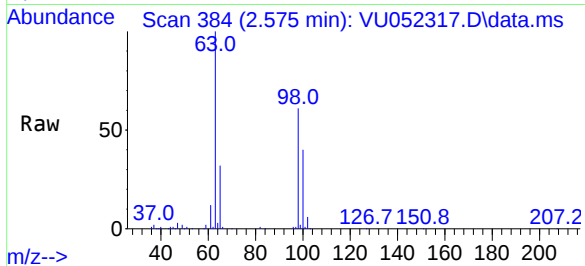




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.085 ug/L
RT: 2.575 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU052317.D
Acq: 09 Dec 2022 21:44

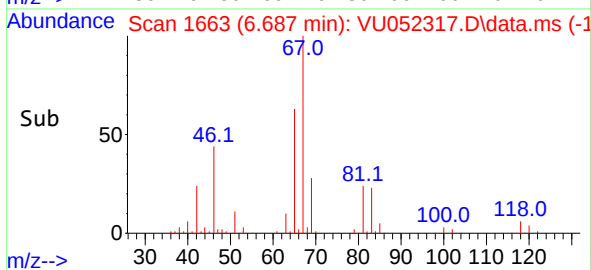
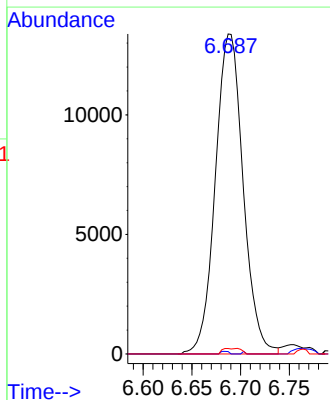
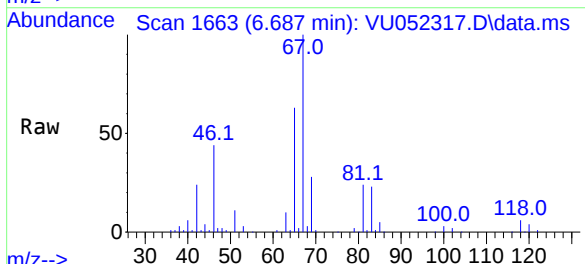
Instrument :
MSVOA_U
ClientSampleId :
C0EP5

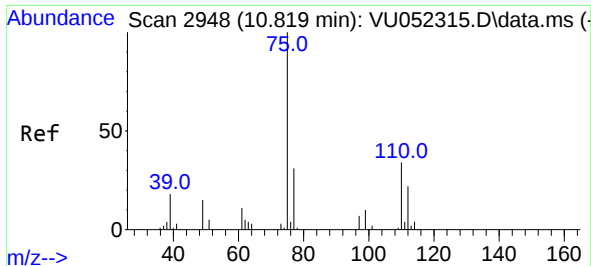
Tgt Ion:101 Resp: 1426
Ion Ratio Lower Upper
101 100
85 1.3 33.8 50.6#
151 9.5 58.6 88.0#



#35
Methylcyclohexane
Concen: 0.944 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052317.D
Acq: 09 Dec 2022 21:44

Tgt Ion: 83 Resp: 26583
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 0.6 35.1 52.7#

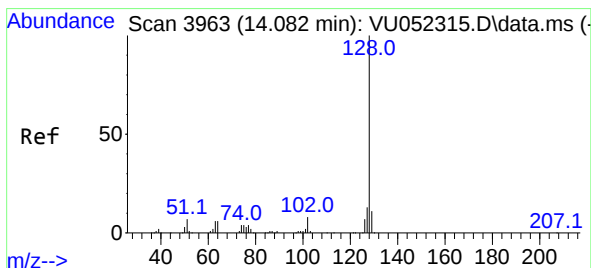
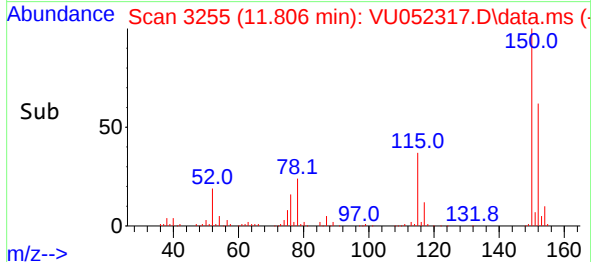
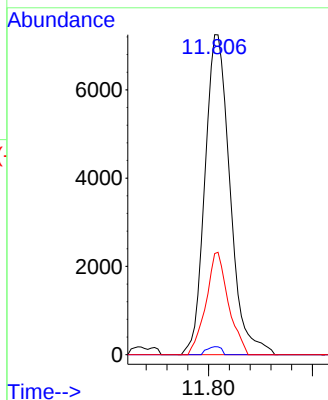
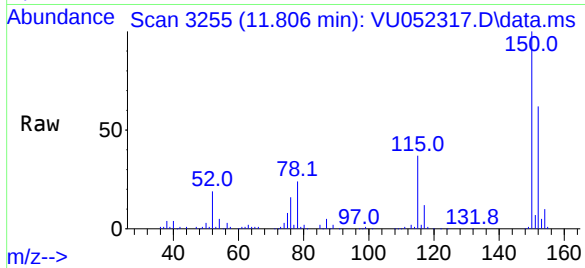




#61
1,2,3-Trichloropropane
Concen: 1.103 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU052317.D
Acq: 09 Dec 2022 21:44

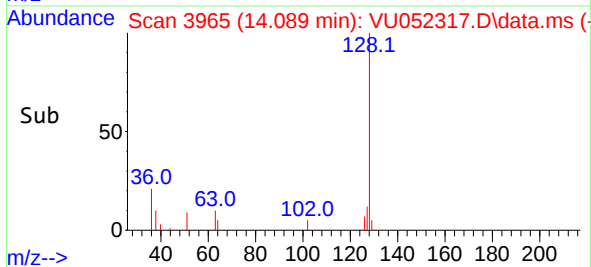
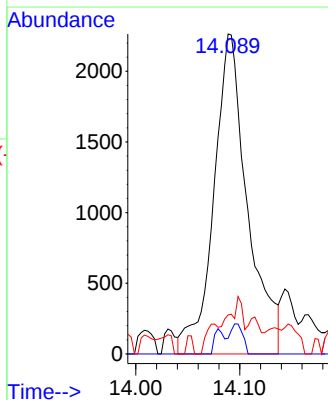
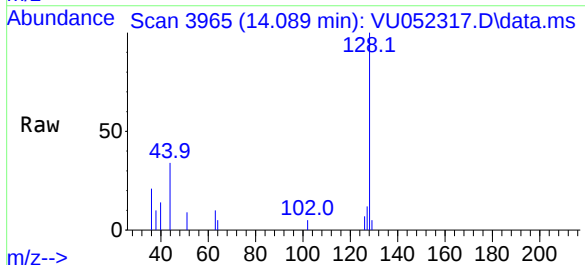
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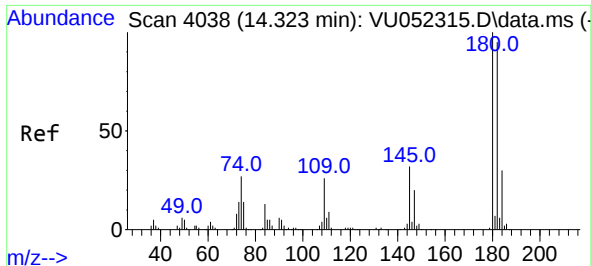
Tgt Ion: 75 Resp: 12145
Ion Ratio Lower Upper
75 100
110 1.4 28.3 42.5#
77 28.5 26.2 39.2



#71
Naphthalene
Concen: 0.163 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VU052317.D
Acq: 09 Dec 2022 21:44

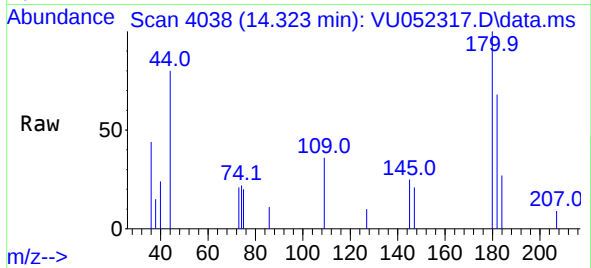
Tgt Ion: 128 Resp: 5089
Ion Ratio Lower Upper
128 100
129 3.7 8.3 12.5#
127 7.3 10.2 15.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.128 ug/L
 RT: 14.323 min Scan# 4038
 Delta R.T. -0.003 min
 Lab File: VU052317.D
 Acq: 09 Dec 2022 21:44

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EP5



Tgt Ion:	180	Resp:	2106
Ion	Ratio	Lower	Upper
180	100		
182	80.2	75.7	113.5
145	30.7	24.5	36.7

