

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047215.D
 Acq On : 17 Feb 2022 19:34
 Operator : SY/MD
 Sample : N1559-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Feb 18 03:35:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

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

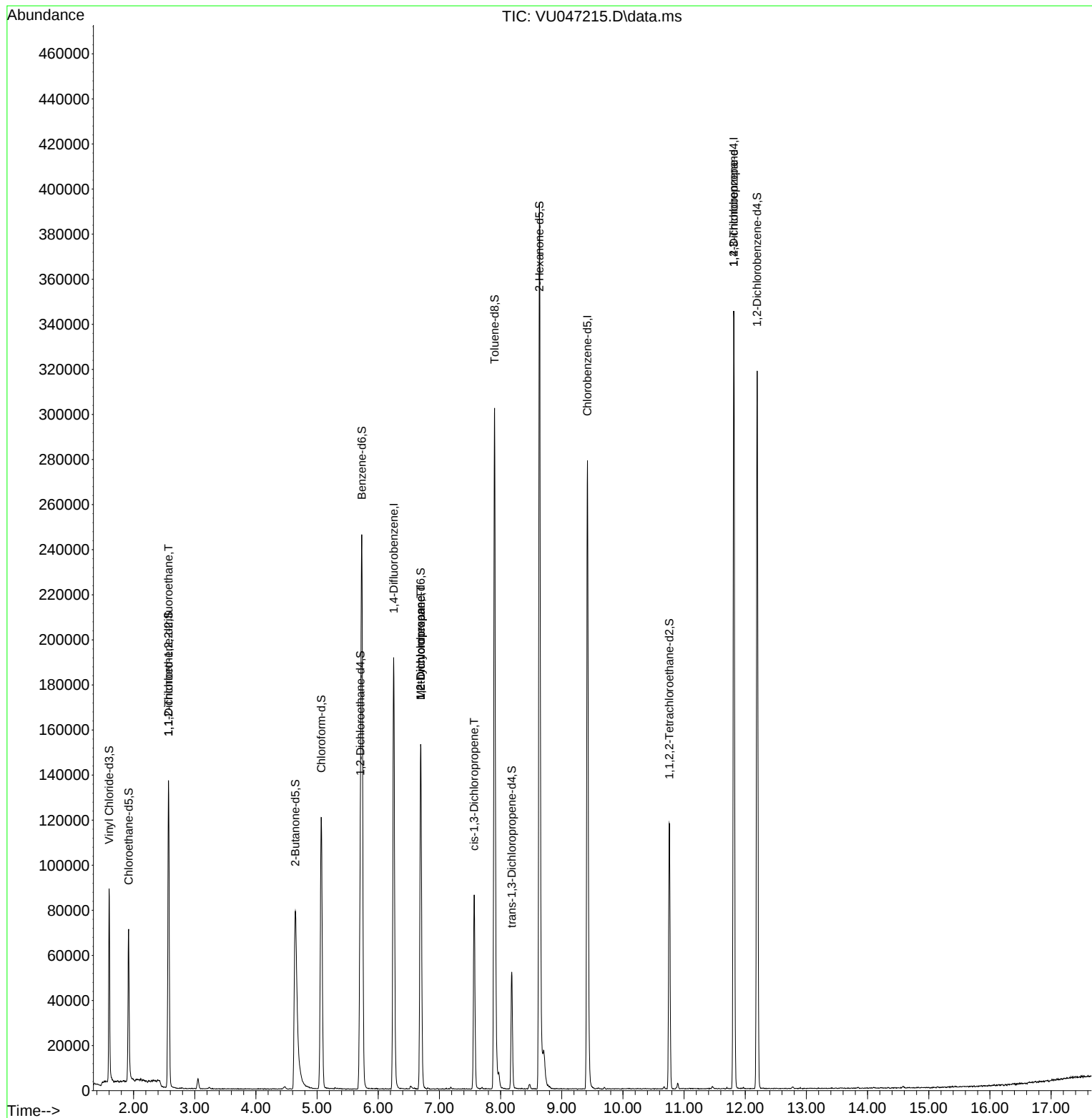
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	165117	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	168567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	62180	4.459	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.919	69	52994	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.571	65	24586	4.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.645	46	174989	52.499	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.000%
24) Chloroform-d	5.070	84	112149	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.706	65	60476	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.732	84	228104	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.694	67	74312	4.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.902	98	218501	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.182	79	28571	4.206	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.636	63	151168	42.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	59096	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	85121	4.992	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	680	0.060	ug/L #	21
35) Methylcyclohexane	6.694	83	17091	0.793	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	7865	0.635	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2087	0.108	ug/L #	65
61) 1,2,3-Trichloropropane	11.812	75	10726	1.182	ug/L #	68

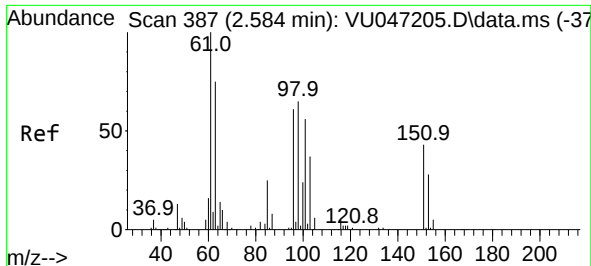
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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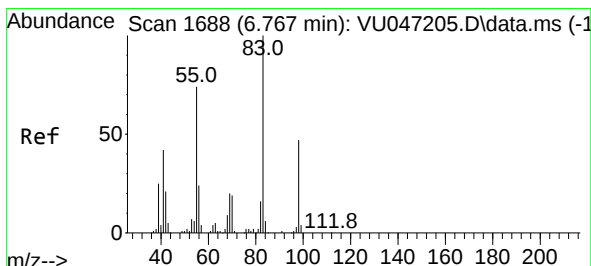
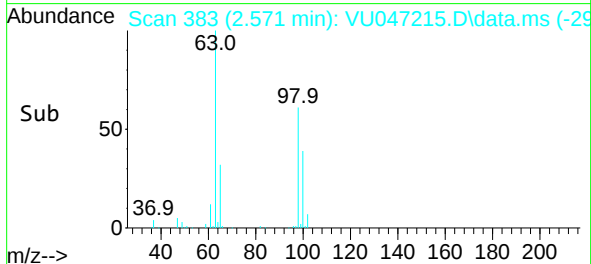
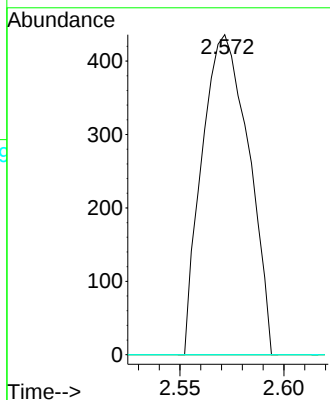
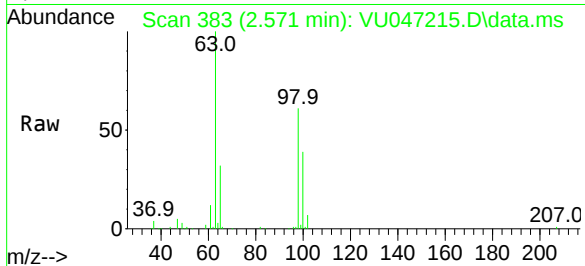




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.571 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU047215.D
Acq: 17 Feb 2022 19:34

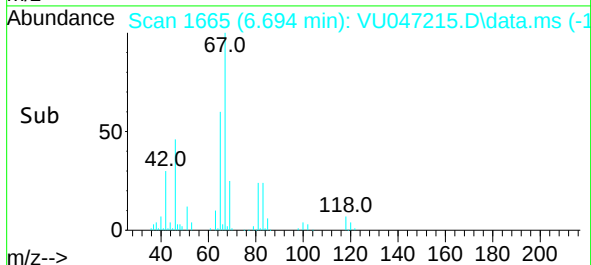
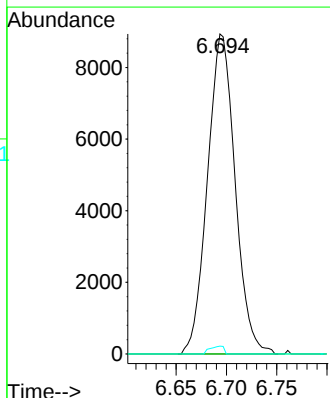
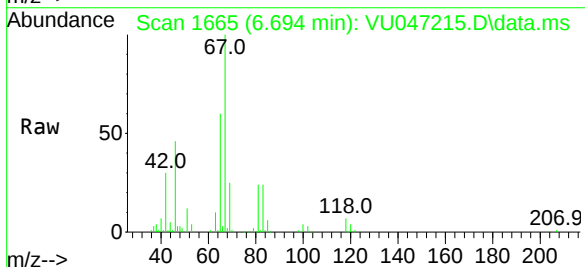
Instrument :
MSVOA_U
ClientSampleId :
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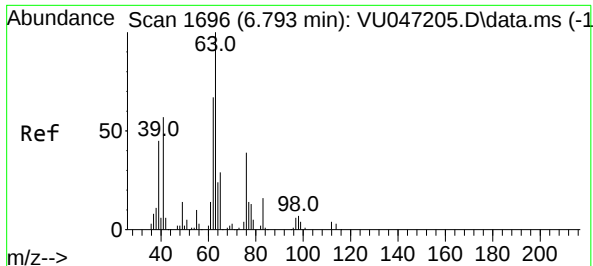
Tgt Ion:101 Resp: 680
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#35
Methylcyclohexane
Concen: 0.793 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047215.D
Acq: 17 Feb 2022 19:34

Tgt Ion: 83 Resp: 17091
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.2 39.0 58.6#

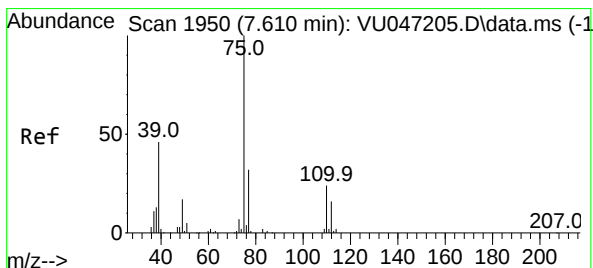
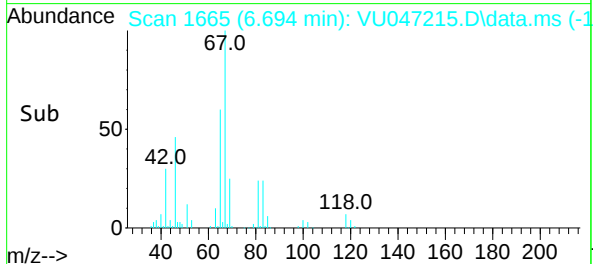
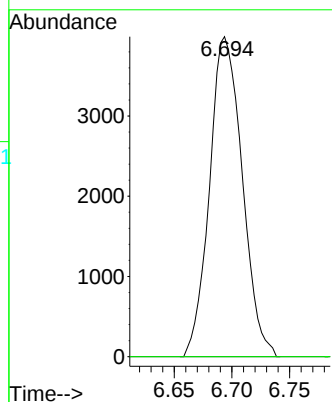
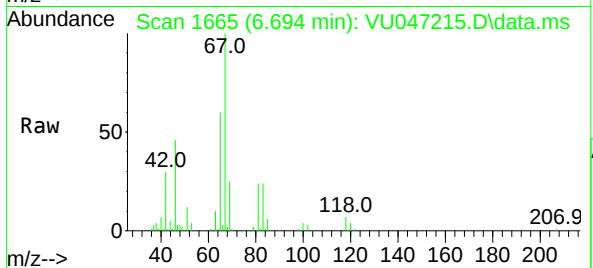




#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU047215.D
Acq: 17 Feb 2022 19:34

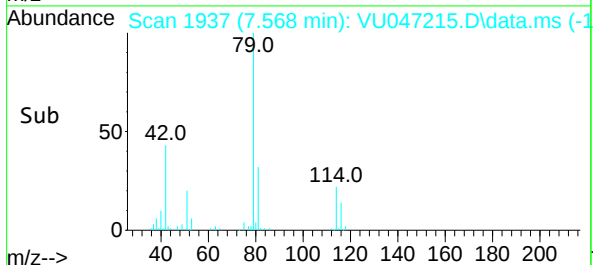
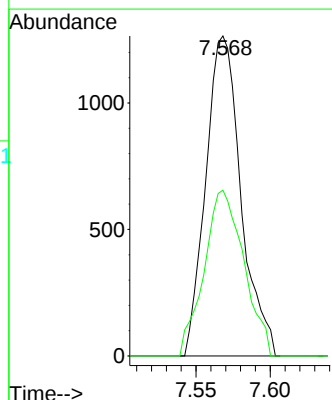
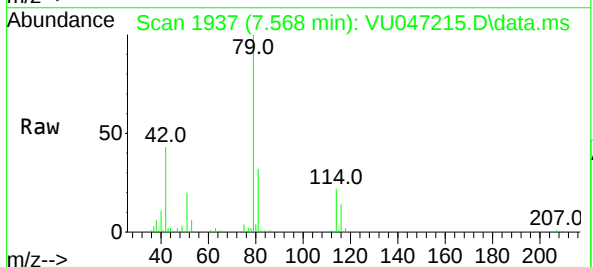
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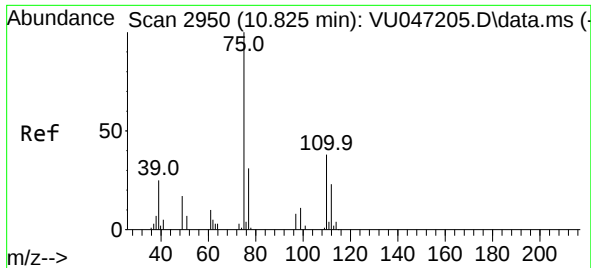
Tgt Ion: 63 Resp: 7865
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU047215.D
Acq: 17 Feb 2022 19:34

Tgt Ion: 75 Resp: 2087
Ion Ratio Lower Upper
75 100
77 51.8 22.5 41.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.182 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047215.D
 Acq: 17 Feb 2022 19:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 10726
 Ion Ratio Lower Upper
 75 100
 110 2.5 29.9 44.9#
 77 31.0 25.5 38.3

