

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052495.D
 Acq On : 22 Dec 2022 16:39
 Operator : JC/MD
 Sample : N6188-03 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

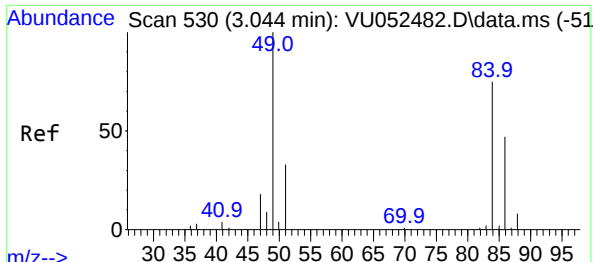
Instrument :
 MSVOA_U
 ClientSampleId :
 COL37

Quant Time: Dec 23 00:32:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 22 00:28:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	208041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	200203	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82731	3.925	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.916	69	78320	4.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.568	65	35938	3.962	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.642	46	312469	47.808	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.620%
24) Chloroform-d	5.060	84	161259	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.700	65	93513	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.726	84	337901	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.687	67	117305	4.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.896	98	275153	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.176	79	39956	4.938	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.632	63	219439	49.574	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.140%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93560	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	100048	5.466	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
16) Methylene chloride	3.047	84	6931	0.315	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	29599	1.680	ug/L	97
34) Trichloroethene	6.539	95	261921	15.537	ug/L	99
35) Methylcyclohexane	6.687	83	25218	0.992	ug/L #	14
37) 1,2-Dichloropropane	6.684	63	11411	0.567	ug/L #	88
61) 1,2,3-Trichloropropane	11.806	75	11876	0.921	ug/L #	71

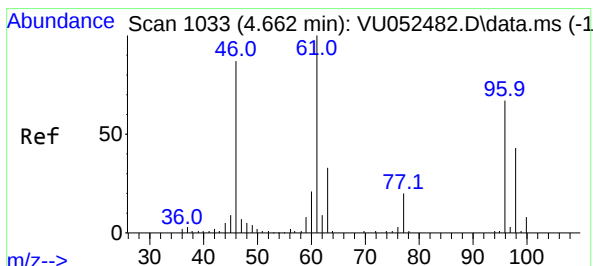
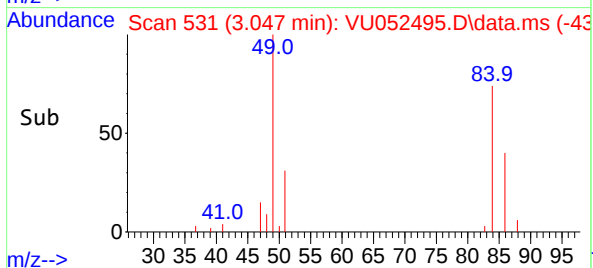
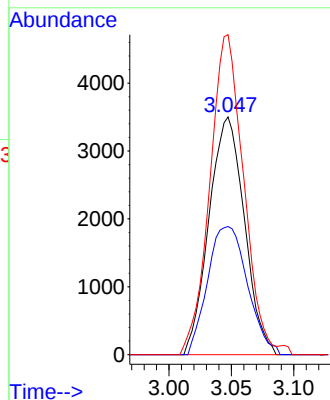
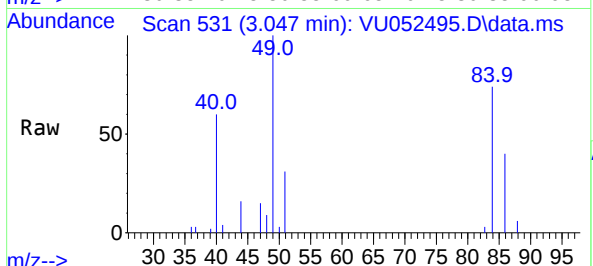
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 0.315 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
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Acq: 22 Dec 2022 16:39

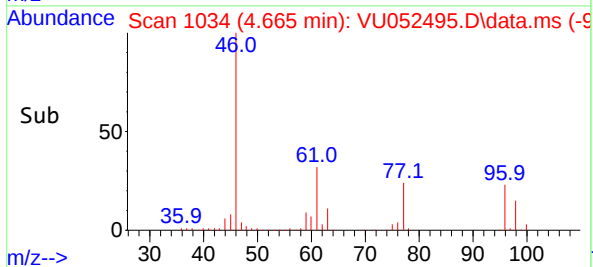
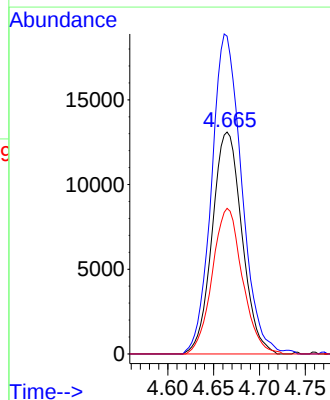
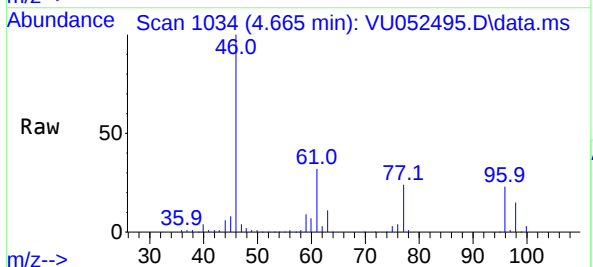
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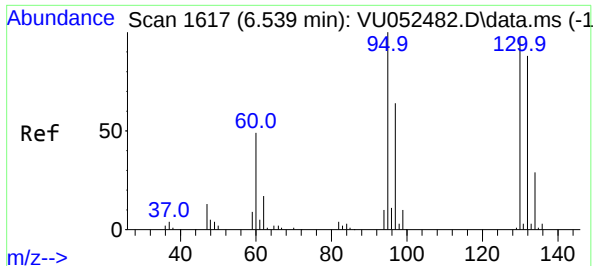
Tgt Ion: 84 Resp: 6931
Ion Ratio Lower Upper
84 100
86 53.9 44.7 83.1
49 134.5 93.3 173.3



#22
cis-1,2-Dichloroethene
Concen: 1.680 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052495.D
Acq: 22 Dec 2022 16:39

Tgt Ion: 96 Resp: 29599
Ion Ratio Lower Upper
96 100
61 143.2 96.9 180.1
98 65.6 44.7 83.1

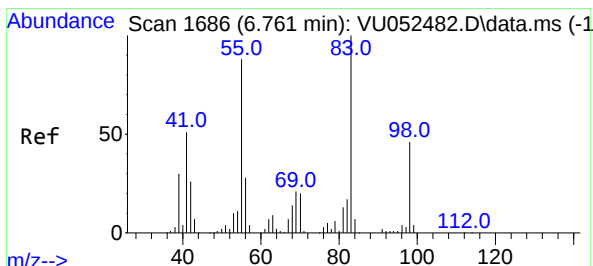
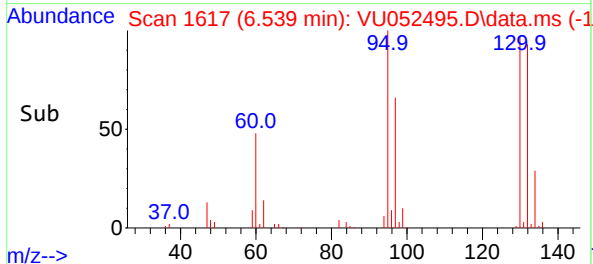
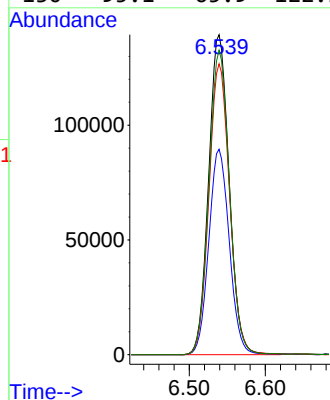
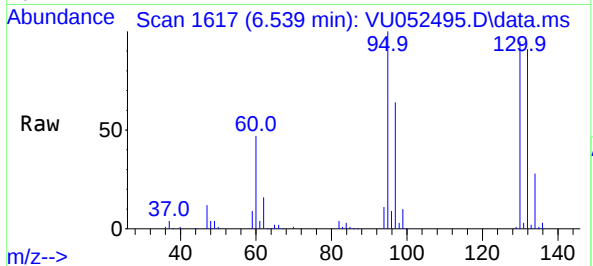




#34
Trichloroethene
Concen: 15.537 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052495.D
Acq: 22 Dec 2022 16:39

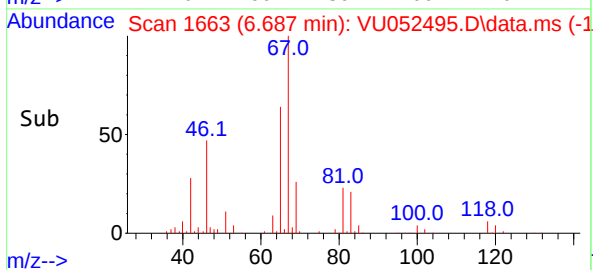
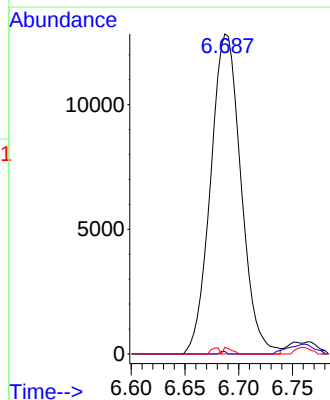
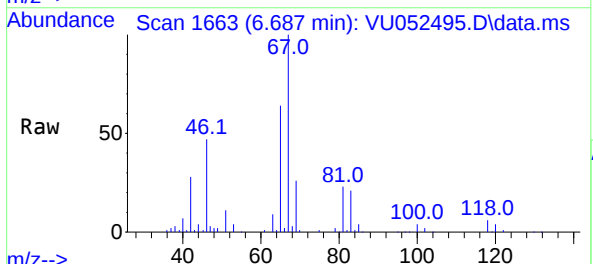
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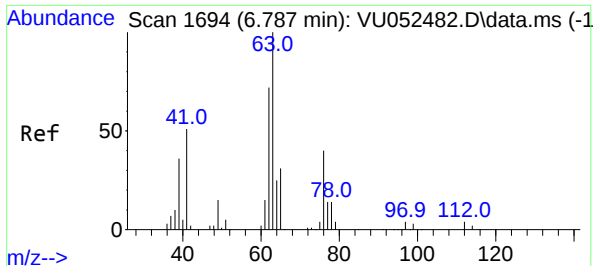
Tgt Ion: 95 Resp: 261921
Ion Ratio Lower Upper
95 100
97 64.2 46.3 86.1
132 90.9 63.9 118.7
130 95.1 65.9 122.5



#35
Methylcyclohexane
Concen: 0.992 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052495.D
Acq: 22 Dec 2022 16:39

Tgt Ion: 83 Resp: 25218
Ion Ratio Lower Upper
83 100
55 0.2 71.4 107.0#
98 0.0 36.5 54.7#

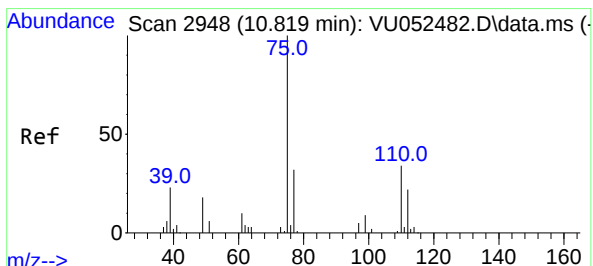
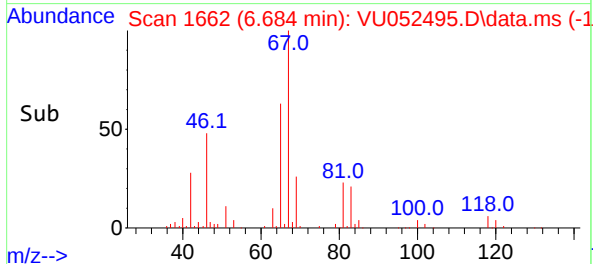
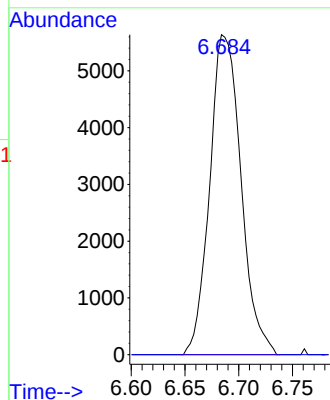
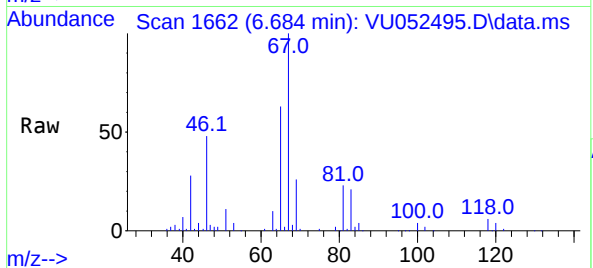




#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU052495.D
Acq: 22 Dec 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
COL37

Tgt Ion: 63 Resp: 11411
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#61
1,2,3-Trichloropropane
Concen: 0.921 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052495.D
Acq: 22 Dec 2022 16:39

Tgt Ion: 75 Resp: 11876
Ion Ratio Lower Upper
75 100
110 2.1 27.9 41.9#
77 32.4 25.9 38.9

