

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053902.D
 Acq On : 26 Apr 2023 10:28
 Operator : JC/MD
 Sample : VU0426WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK190

Quant Time: Apr 27 05:53:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

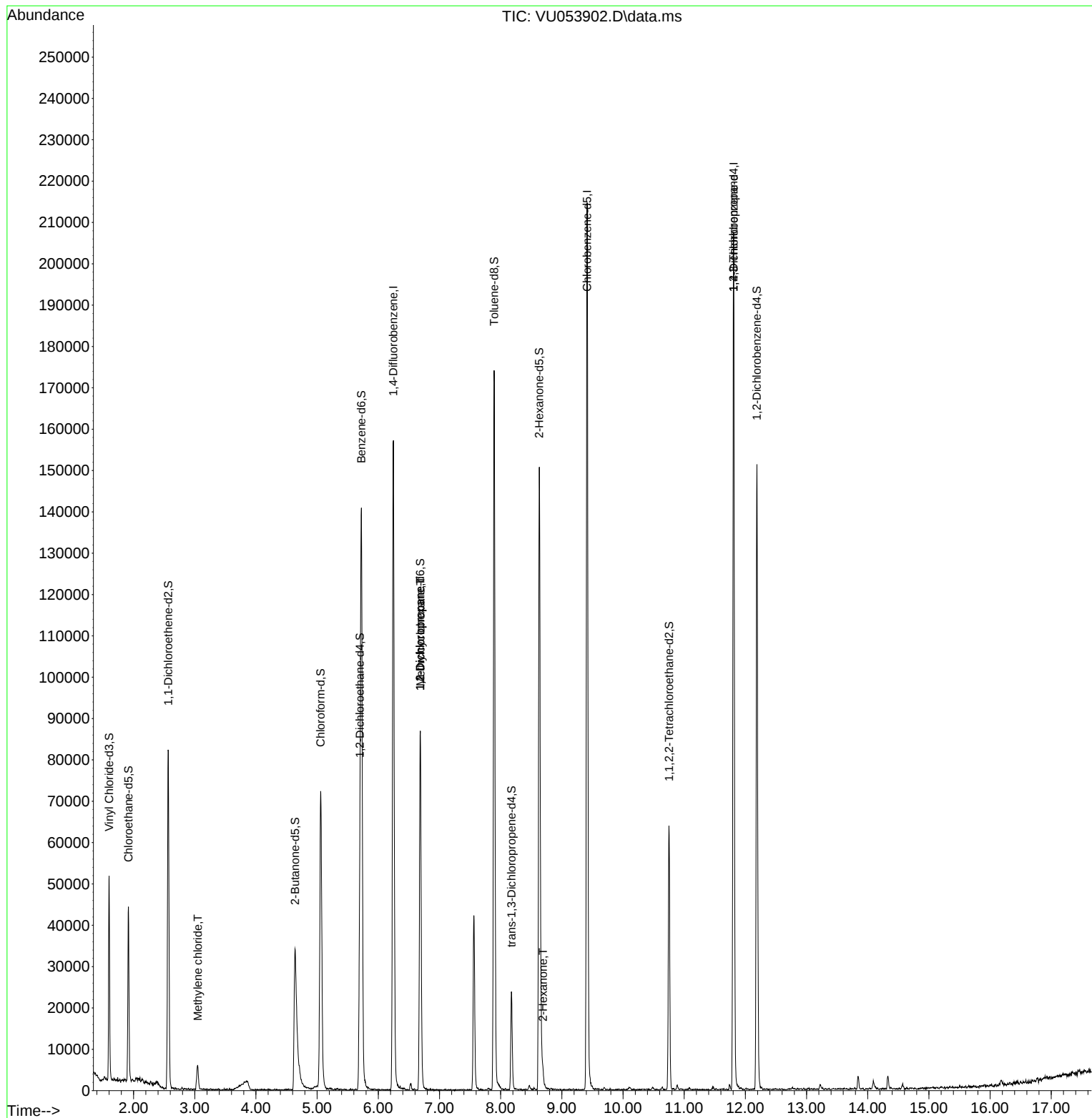
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136749	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128641	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60711	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36380	4.367	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.916	69	30899	4.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.565	65	15305	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.639	46	68593	44.962	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.920%
24) Chloroform-d	5.057	84	70366	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.700	65	33485	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.723	84	141032	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.684	67	43345	4.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.893	98	122551	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.176	79	14407	3.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.629	63	57592	45.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.260%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	31610	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	42747	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
16) Methylene chloride	3.047	84	3409	0.290	ug/L	84
35) Methylcyclohexane	6.687	83	10246	0.671	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	4903	0.545	ug/L #	88
48) 2-Hexanone	8.690	43	1823	0.591	ug/L #	80
61) 1,2,3-Trichloropropane	11.806	75	6906	1.475	ug/L #	65

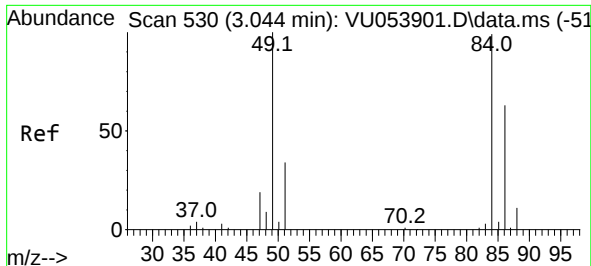
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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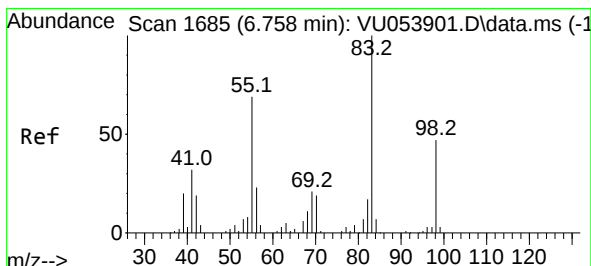
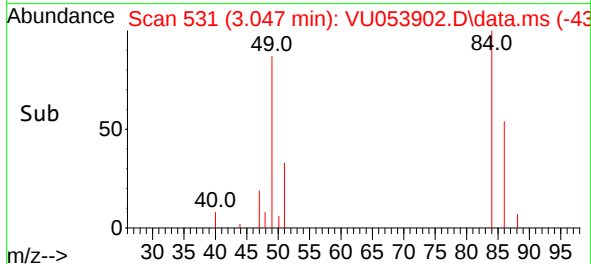
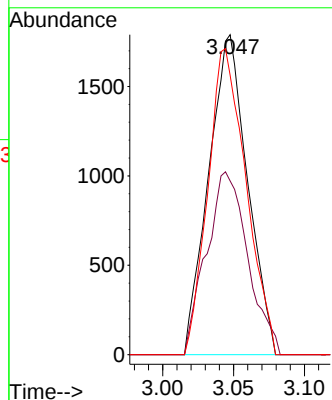
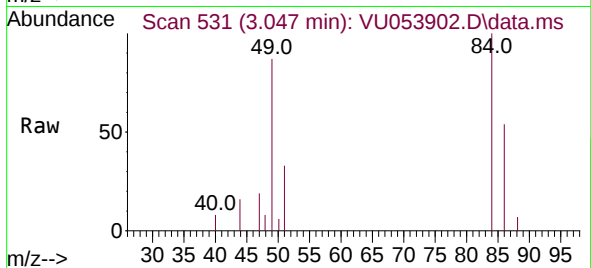




#16
Methylene chloride
Concen: 0.290 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053902.D
Acq: 26 Apr 2023 10:28

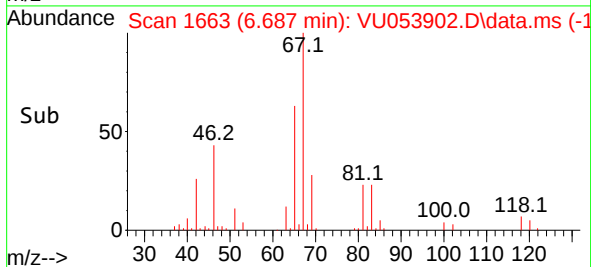
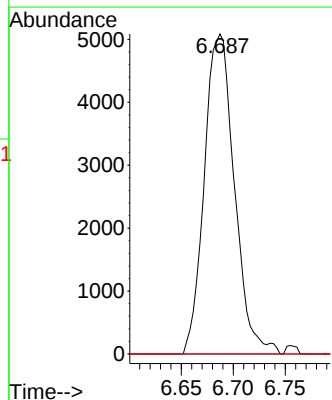
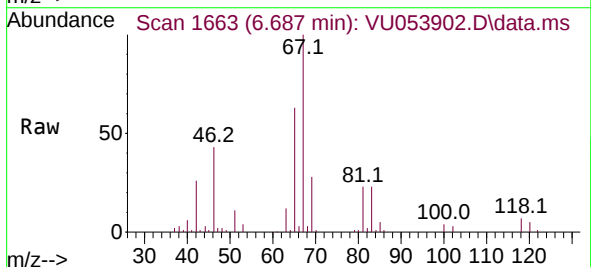
Instrument :
MSVOA_U
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VBLK190

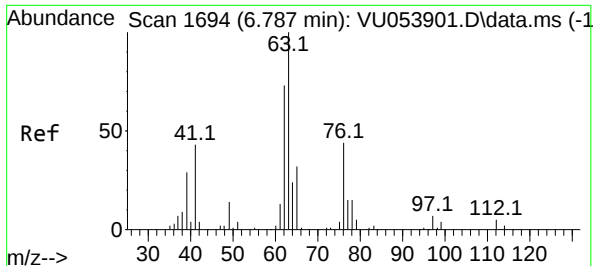
Tgt Ion: 84 Resp: 3409
Ion Ratio Lower Upper
84 100
86 54.3 45.0 83.6
49 87.4 74.8 138.8



#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053902.D
Acq: 26 Apr 2023 10:28

Tgt Ion: 83 Resp: 10246
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.4 37.3 55.9#

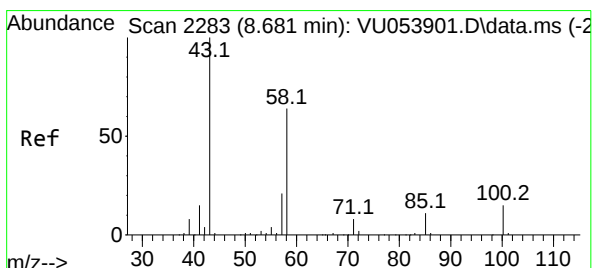
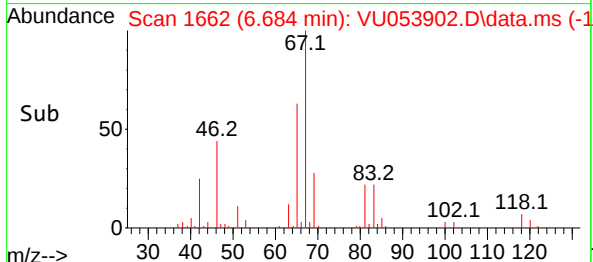
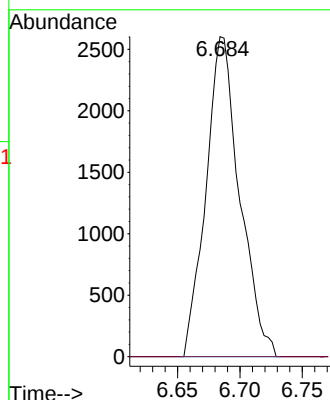
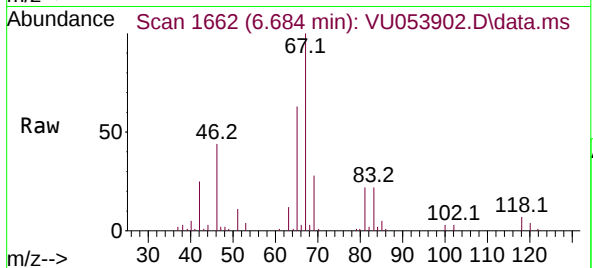




#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053902.D
Acq: 26 Apr 2023 10:28

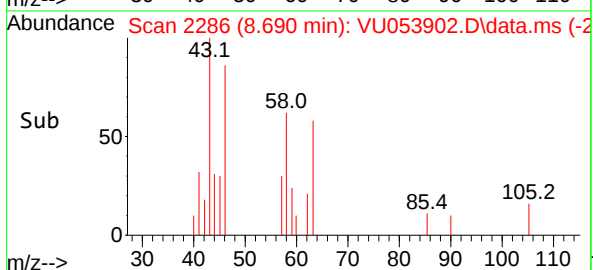
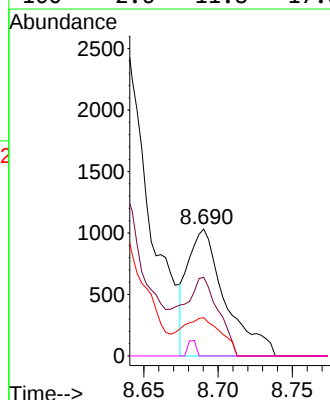
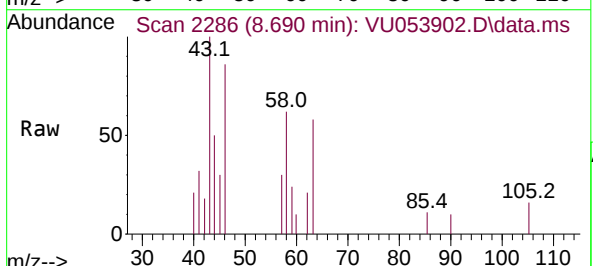
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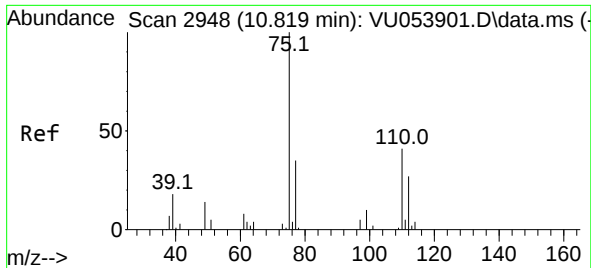
Tgt Ion: 63 Resp: 4903
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#



#48
2-Hexanone
Concen: 0.591 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.010 min
Lab File: VU053902.D
Acq: 26 Apr 2023 10:28

Tgt Ion: 43 Resp: 1823
Ion Ratio Lower Upper
43 100
58 49.4 49.8 74.6#
57 31.8 16.9 25.3#
100 2.6 11.8 17.8#





#61

1,2,3-Trichloropropane

Concen: 1.475 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU053902.D

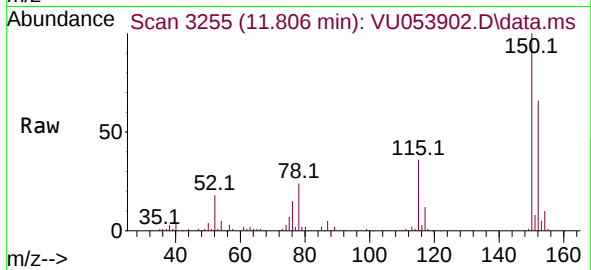
Acq: 26 Apr 2023 10:28

Instrument :

MSVOA_U

ClientSampleId :

VBLK190



Tgt Ion: 75 Resp: 6906

Ion Ratio Lower Upper

75 100

110 1.5 30.7 46.1#

77 30.1 26.2 39.4

