

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122922\
 Data File : VU052604.D
 Acq On : 29 Dec 2022 11:40
 Operator : JC/MD
 Sample : VU1229WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK168

Quant Time: Dec 30 00:59:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 30 00:58:31 2022
 Response via : Initial Calibration

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

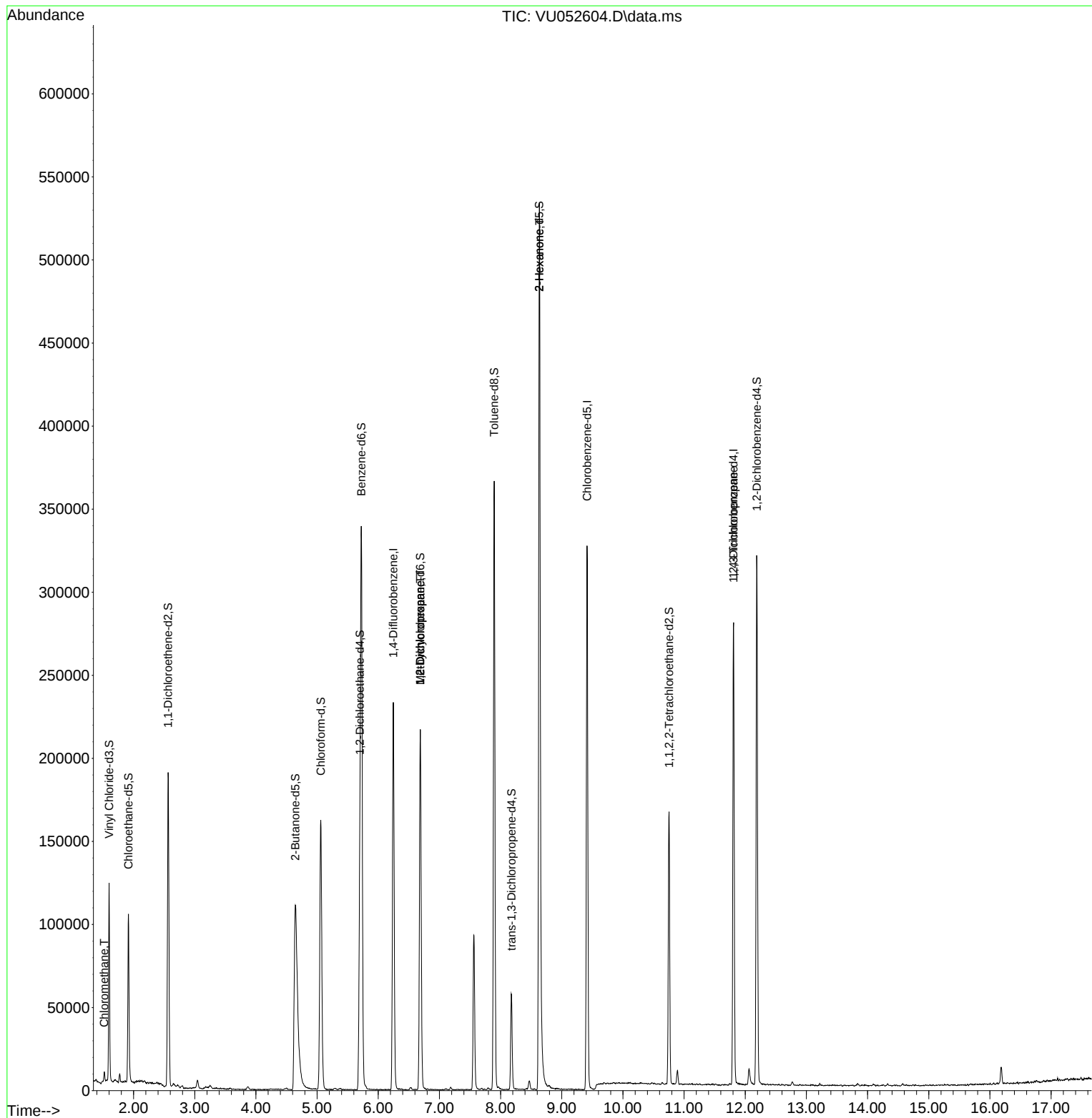
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	170118	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	71411	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	84580	4.691	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.916	69	77892	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.565	65	37791	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.645	46	270817	48.432	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.860%
24) Chloroform-d	5.060	84	150865	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.700	65	85899	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.726	84	310229	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.687	67	105789	5.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.896	98	233397	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.179	79	32414	4.715	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.632	63	179668	47.767	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.540%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	82709	4.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	79208	5.448	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
3) Chloromethane	1.520	50	4687	0.205	ug/L	98
35) Methylcyclohexane	6.687	83	22581	1.045	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	10865	0.635	ug/L #	88
48) 2-Hexanone	8.636	43	24216	2.571	ug/L #	78
61) 1,2,3-Trichloropropane	11.806	75	9606	0.938	ug/L #	69

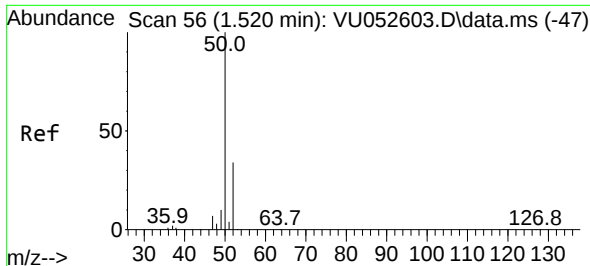
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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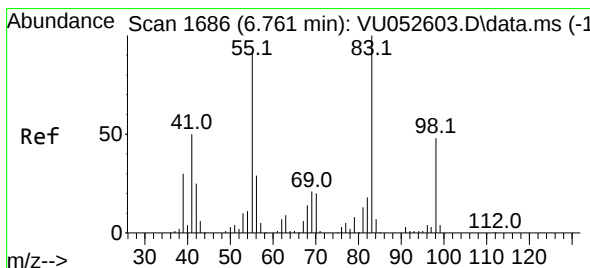
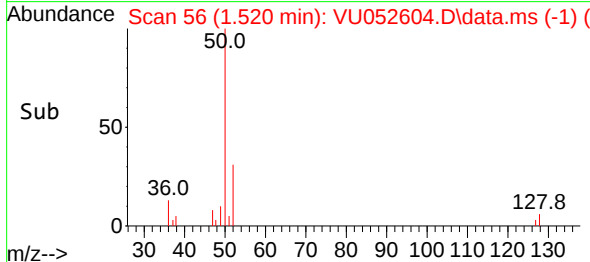
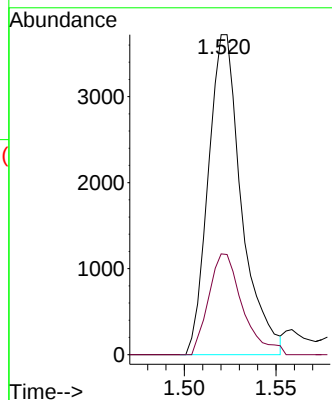
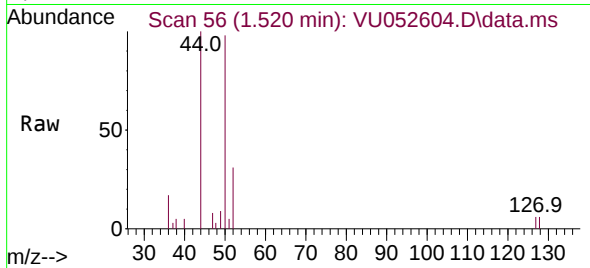




#3
Chloromethane
Concen: 0.205 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052604.D
Acq: 29 Dec 2022 11:40

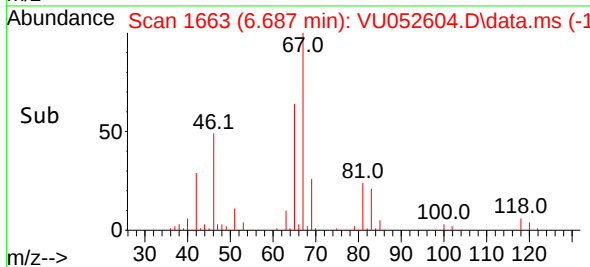
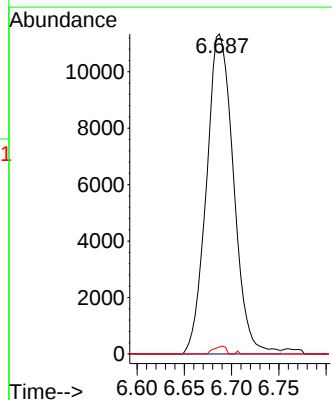
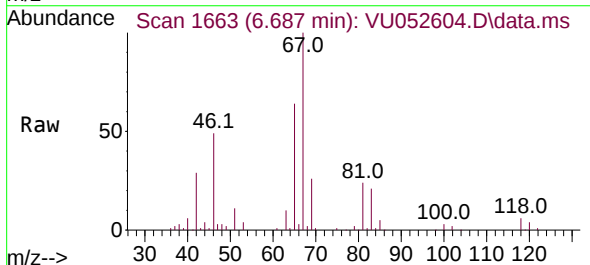
Instrument :
MSVOA_U
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VBLK168

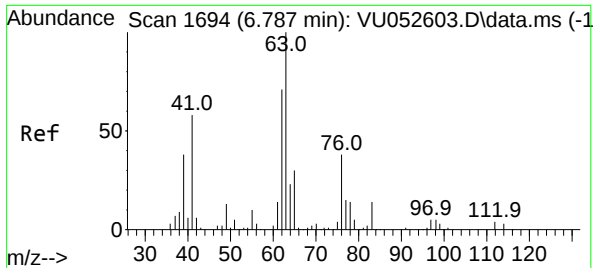
Tgt Ion: 50 Resp: 4687
Ion Ratio Lower Upper
50 100
52 31.5 23.0 42.6



#35
Methylcyclohexane
Concen: 1.045 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052604.D
Acq: 29 Dec 2022 11:40

Tgt Ion: 83 Resp: 22581
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.0#
98 1.1 36.5 54.7#

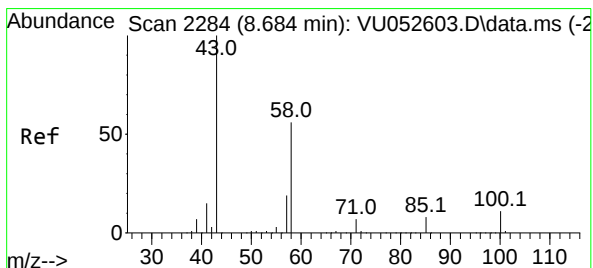
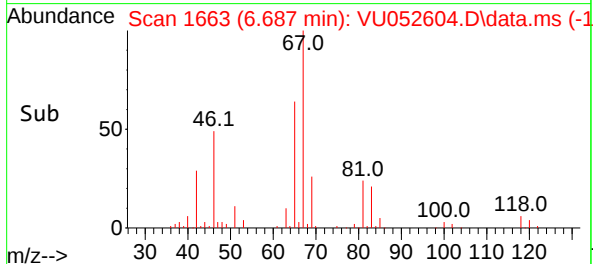
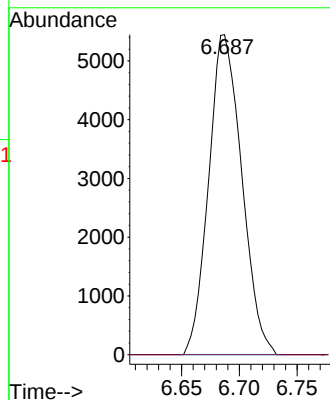
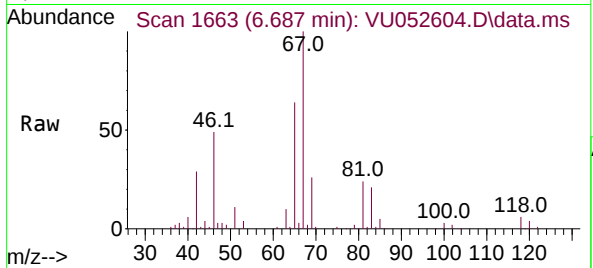




#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052604.D
Acq: 29 Dec 2022 11:40

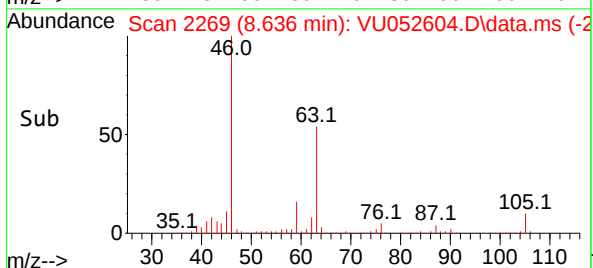
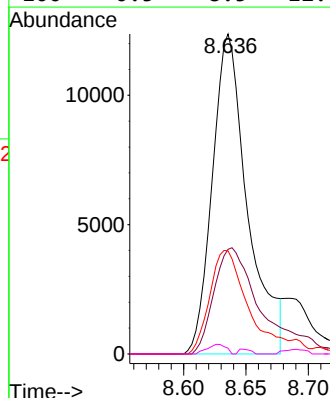
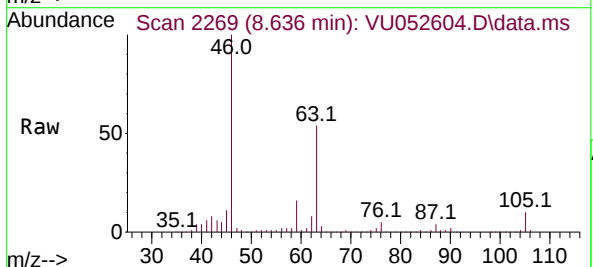
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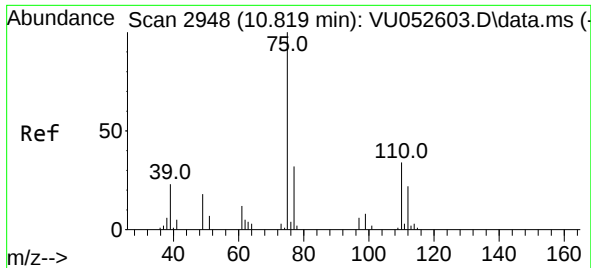
Tgt Ion: 63 Resp: 10865
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#48
2-Hexanone
Concen: 2.571 ug/L
RT: 8.636 min Scan# 2269
Delta R.T. -0.048 min
Lab File: VU052604.D
Acq: 29 Dec 2022 11:40

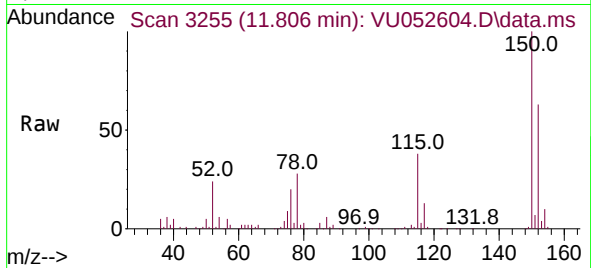
Tgt Ion: 43 Resp: 24216
Ion Ratio Lower Upper
43 100
58 45.2 44.1 66.1
57 37.2 14.6 21.8#
100 0.5 8.5 12.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.938 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052604.D
 Acq: 29 Dec 2022 11:40

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK168



Tgt Ion: 75 Resp: 9606
 Ion Ratio Lower Upper
 75 100
 110 1.6 27.9 41.9#
 77 31.3 25.9 38.9

