

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043960.D
 Acq On : 25 May 2021 13:48
 Operator : SY/MD
 Sample : M2464-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: May 25 14:30:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

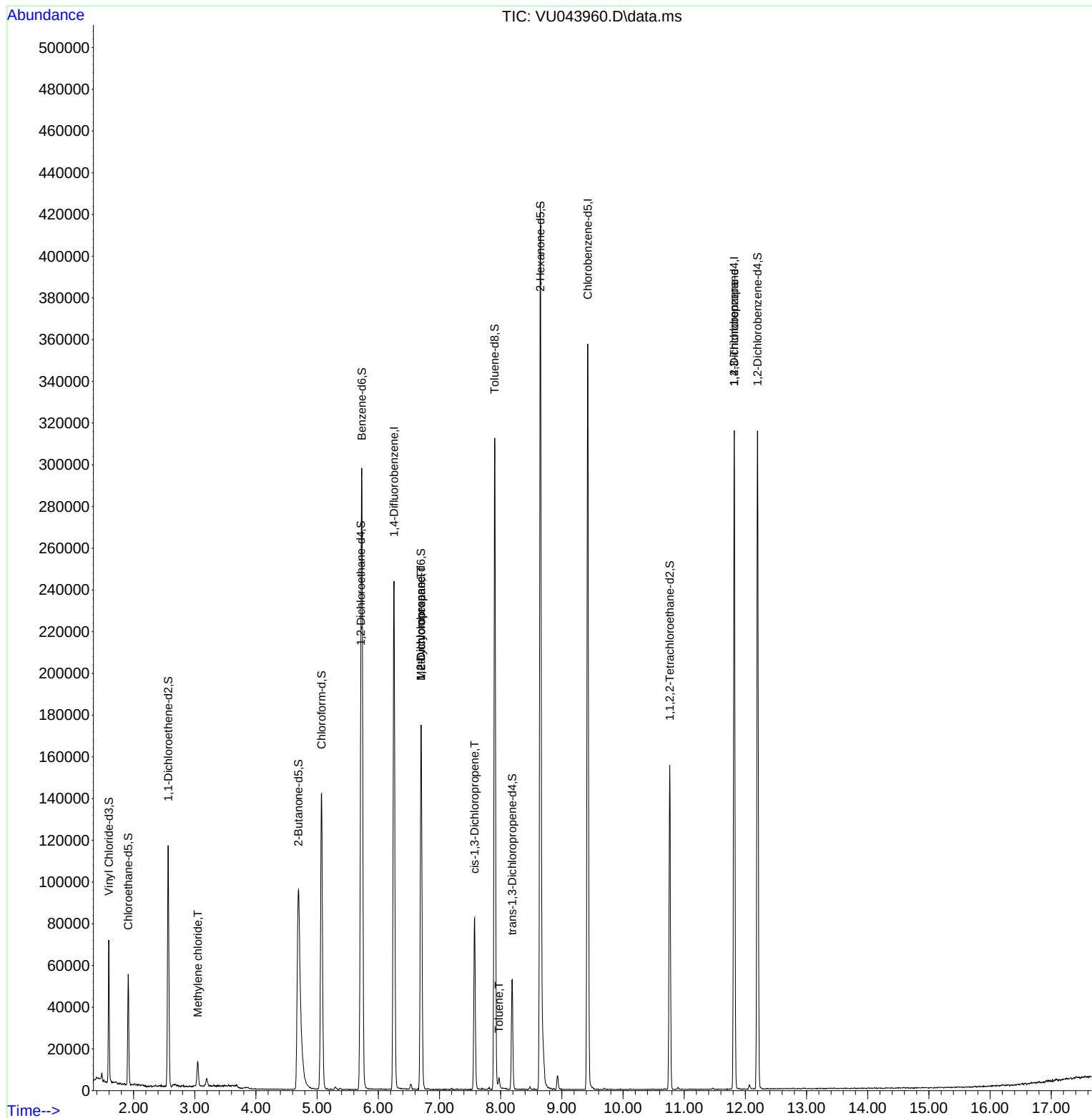
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	203637	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	211908	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	88452	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	46131	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.913	69	38276	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.565	65	20219	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.694	46	192590	53.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	5.073	84	134275	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.713	65	70948	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.732	84	264763	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.700	67	86857	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.903	98	215079	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.189	79	30167	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.649	63	138619	48.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.78%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	76929	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	90036	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%
Target Compounds						Qvalue
16) Methylene chloride	3.048	84	5791	0.34	ug/L	95
35) Methylcyclohexane	6.700	83	20353	0.94	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8891	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1699	0.09	ug/L #	21
42) Toluene	7.973	91	3665	0.06	ug/L	86
61) 1,2,3-Trichloropropane	11.819	75	9306	1.15	ug/L #	66

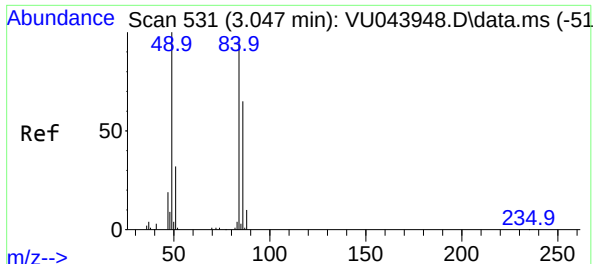
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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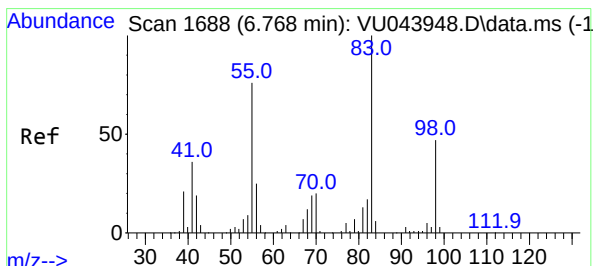
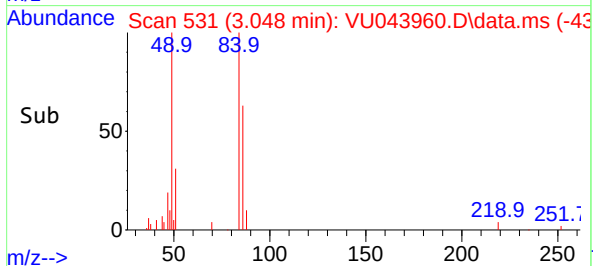
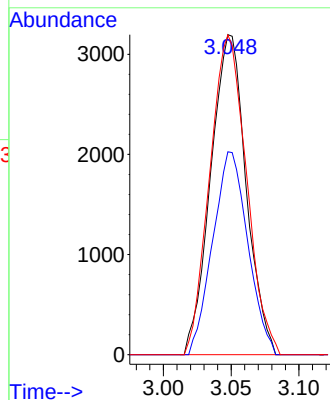
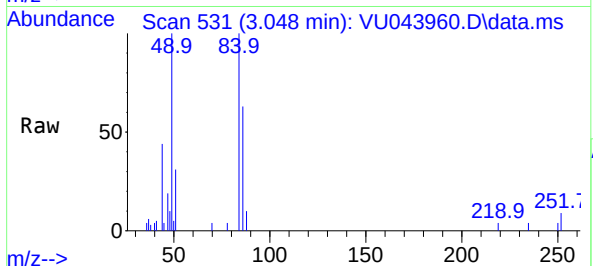




#16
Methylene chloride
Concen: 0.34 ug/L
RT: 3.048 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU043960.D
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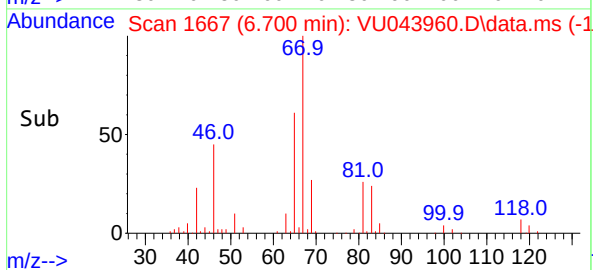
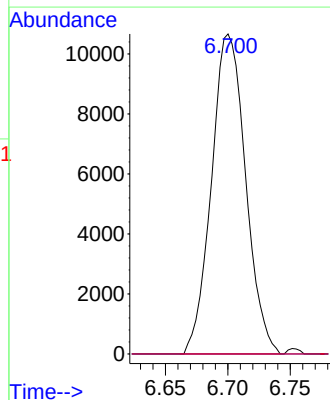
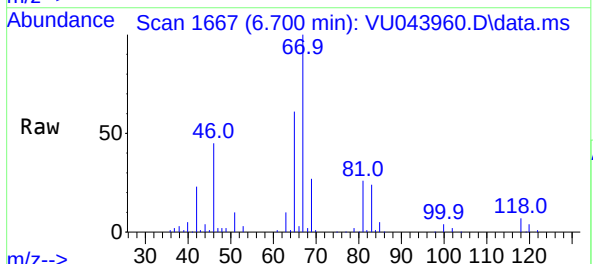
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

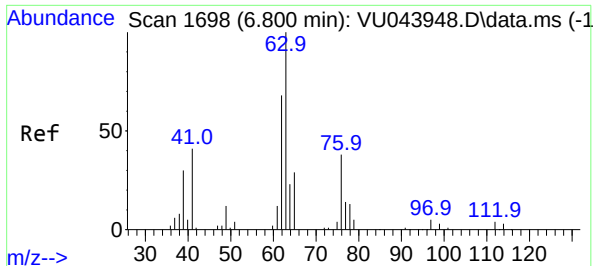
Tgt Ion:	84	Resp:	5791
Ion	Ratio	Lower	Upper
84	100		
86	63.4	45.6	84.8
49	99.9	74.2	137.8



#35
Methylcyclohexane
Concen: 0.94 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.064 min
Lab File: VU043960.D
Acq: 25 May 2021 13:48

Tgt Ion:	83	Resp:	20353
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.5	37.0	55.4#

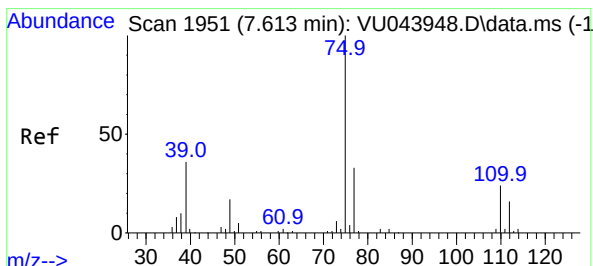
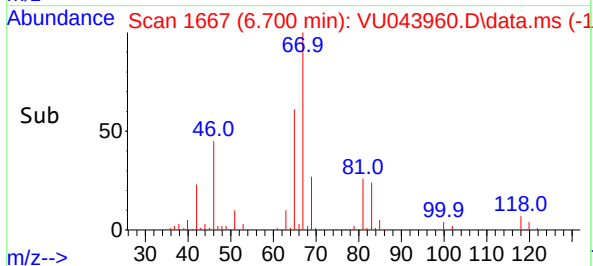
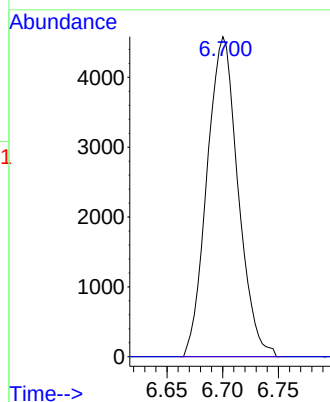
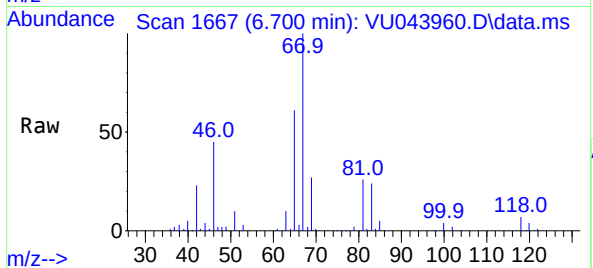




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU043960.D
Acq: 25 May 2021 13:48

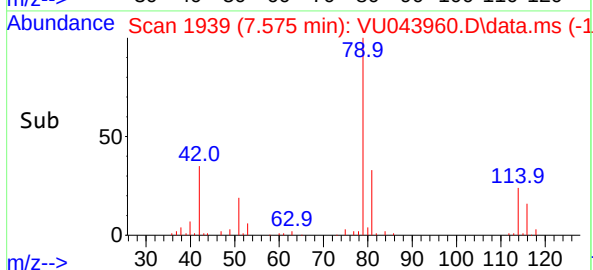
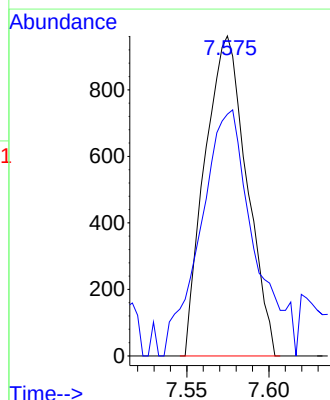
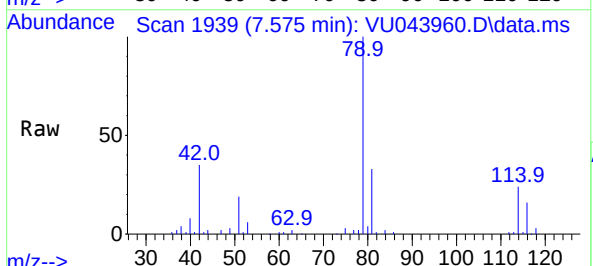
Instrument :
MSVOA_U
ClientSampled :
VHBLK001

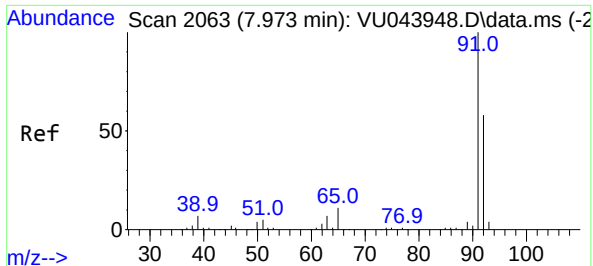
Tgt Ion: 63 Resp: 8891
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.038 min
Lab File: VU043960.D
Acq: 25 May 2021 13:48

Tgt Ion: 75 Resp: 1699
Ion Ratio Lower Upper
75 100
77 75.6 22.3 41.3#

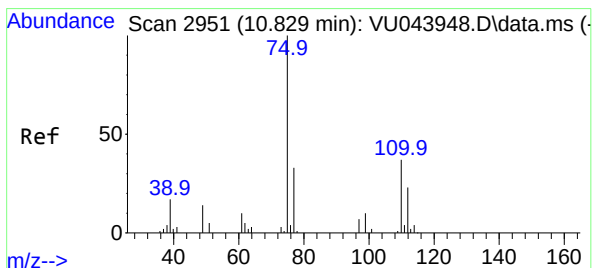
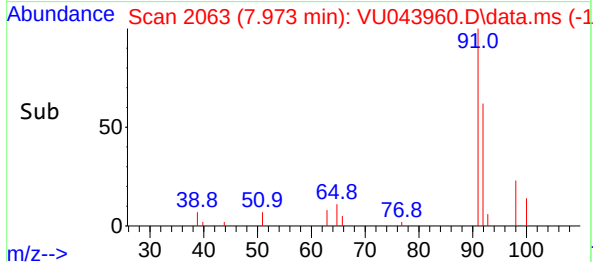
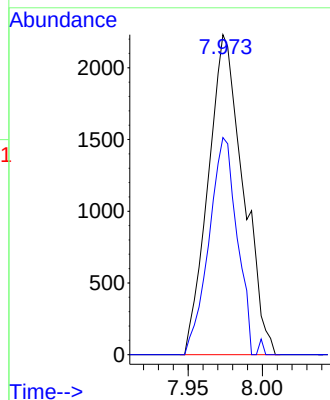
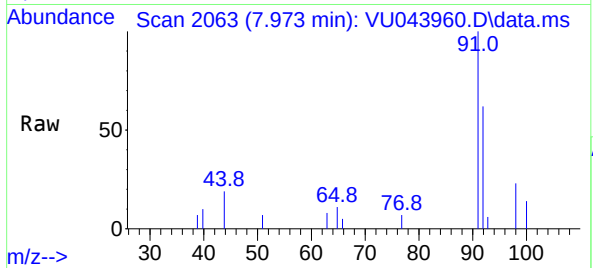




#42
Toluene
Concen: 0.06 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU043960.D
Acq: 25 May 2021 13:48

Instrument :
MSVOA_U
ClientSampled :
VHBLK001

Tgt Ion: 91 Resp: 3665
Ion Ratio Lower Upper
91 100
92 67.9 40.5 75.1



#61
1,2,3-Trichloropropane
Concen: 1.15 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.991 min
Lab File: VU043960.D
Acq: 25 May 2021 13:48

Tgt Ion: 75 Resp: 9306
Ion Ratio Lower Upper
75 100
110 1.5 29.3 43.9#
77 30.0 26.3 39.5

