

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\
 Data File : VU049765.D
 Acq On : 18 Jul 2022 17:13
 Operator : SY/MD
 Sample : N3698-03ME
 Misc : 6.74g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B68ME

Quant Time: Jul 19 02:12:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

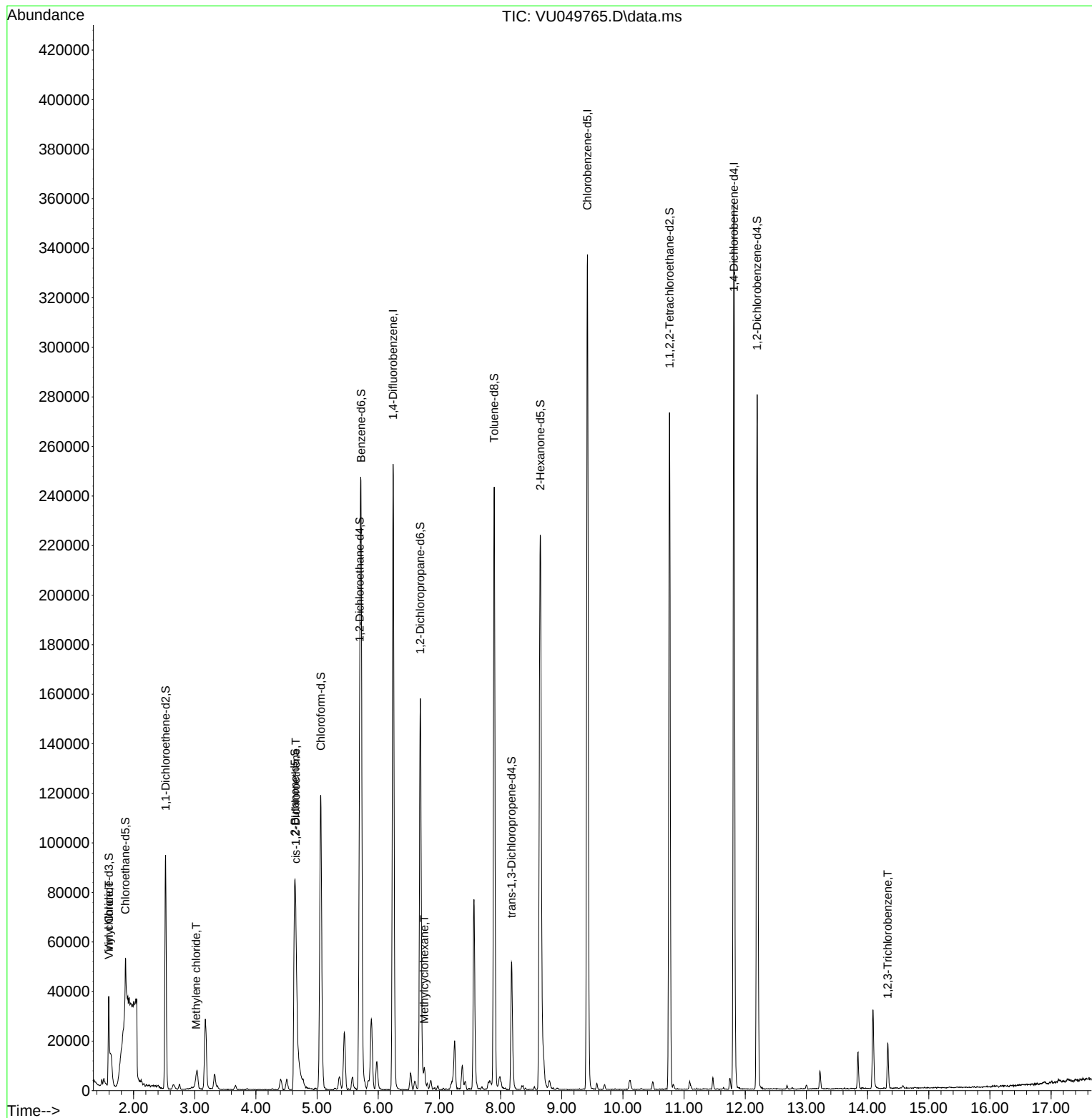
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	196779	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	191315	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	87783	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	28160	16.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	33.920%#
7) Chloroethane-d5	1.867	69	18356	15.295	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	30.580%#
11) 1,1-Dichloroethene-d2	2.523	63	57638	19.653	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.300%#
21) 2-Butanone-d5	4.636	46	150883	106.454	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.450%
24) Chloroform-d	5.060	84	111840	38.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.060%
26) 1,2-Dichloroethane-d4	5.697	65	83583	41.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.000%
32) Benzene-d6	5.719	84	198256	34.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.220%#
36) 1,2-Dichloropropane-d6	6.687	67	76811	39.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.580%
41) Toluene-d8	7.896	98	159261	31.465	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.940%#
43) trans-1,3-Dichloroprop...	8.179	79	30975	37.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.220%
47) 2-Hexanone-d5	8.648	63	94365	107.308	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.310%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	136195	49.790	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	70090	42.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.700%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.597	62	4718	2.017	ug/L	83
16) Methylene chloride	3.025	84	2232	1.260	ug/L	78
20) cis-1,2-Dichloroethene	4.652	96	9297	5.375	ug/L	89
35) Methylcyclohexane	6.754	83	3289	1.204	ug/L #	83
72) 1,2,3-Trichlorobenzene	14.330	180	5698	2.990	ug/L	95

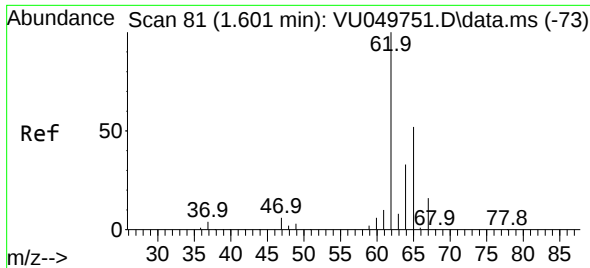
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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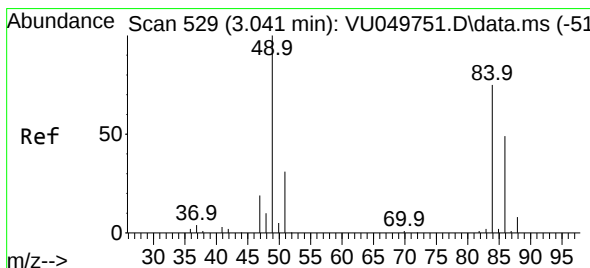
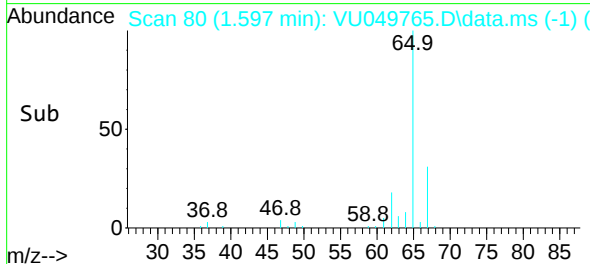
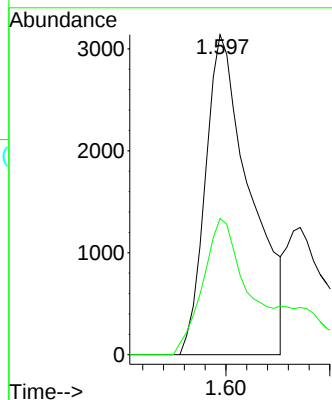
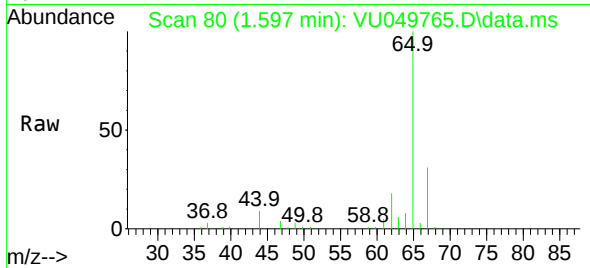




#5
 Vinyl chloride
 Concen: 2.017 ug/L
 RT: 1.597 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VU049765.D
 Acq: 18 Jul 2022 17:13

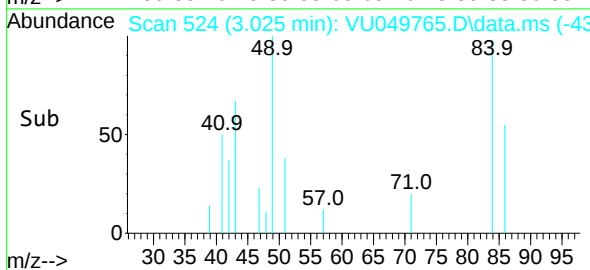
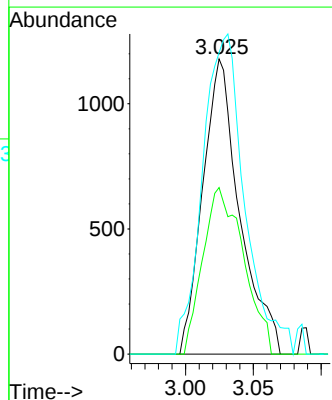
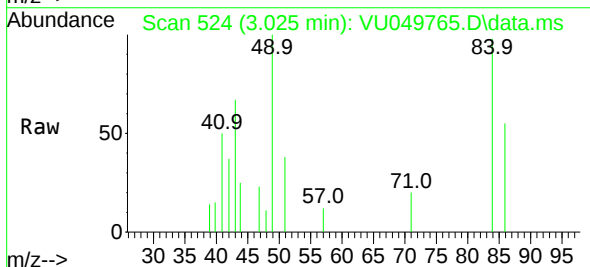
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B68ME

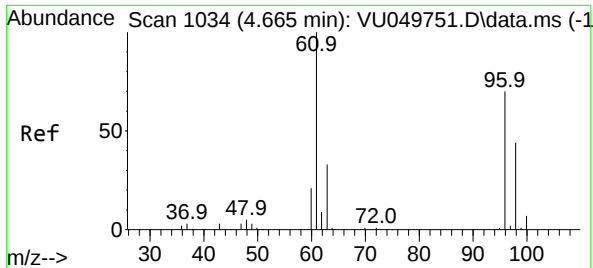
Tgt Ion: 62 Resp: 4718
 Ion Ratio Lower Upper
 62 100
 64 42.6 23.0 42.6



#16
 Methylene chloride
 Concen: 1.260 ug/L
 RT: 3.025 min Scan# 524
 Delta R.T. -0.016 min
 Lab File: VU049765.D
 Acq: 18 Jul 2022 17:13

Tgt Ion: 84 Resp: 2232
 Ion Ratio Lower Upper
 84 100
 86 56.4 45.6 84.6
 49 102.1 94.4 175.4





#20

cis-1,2-Dichloroethene

Concen: 5.375 ug/L

RT: 4.652 min Scan# 1030

Delta R.T. -0.013 min

Lab File: VU049765.D

Acq: 18 Jul 2022 17:13

Instrument :

MSVOA_U

ClientSampleId :

F5B68ME

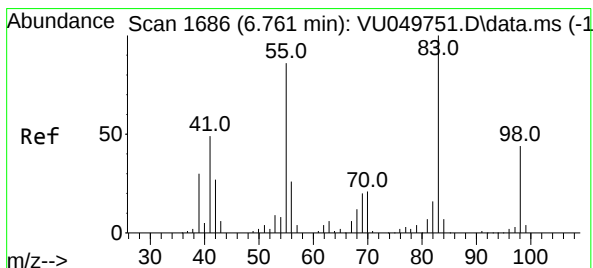
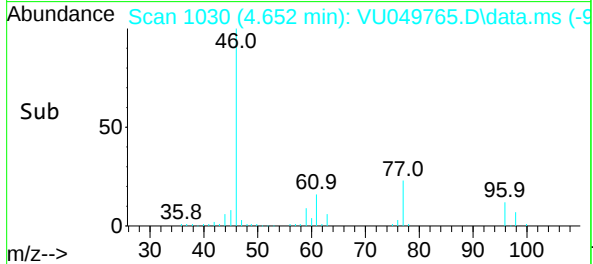
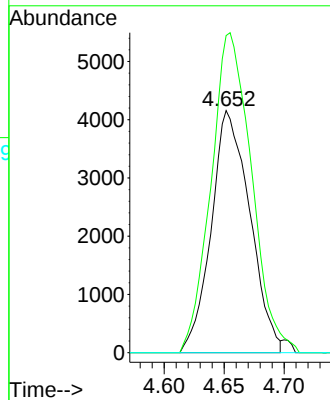
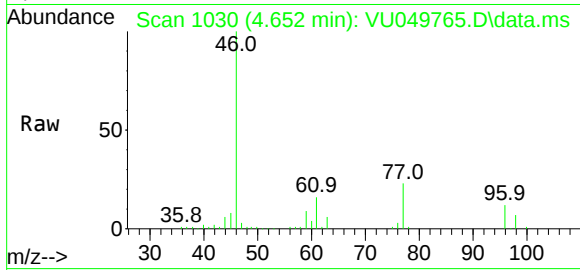
Tgt Ion: 96 Resp: 9297

Ion Ratio Lower Upper

96 100

61 131.0 101.1 187.7

68 0.0 0.0 0.0



#35

Methylcyclohexane

Concen: 1.204 ug/L

RT: 6.754 min Scan# 1684

Delta R.T. -0.007 min

Lab File: VU049765.D

Acq: 18 Jul 2022 17:13

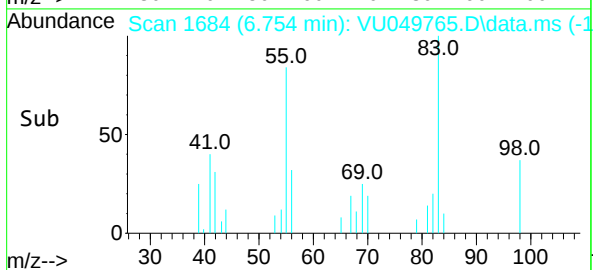
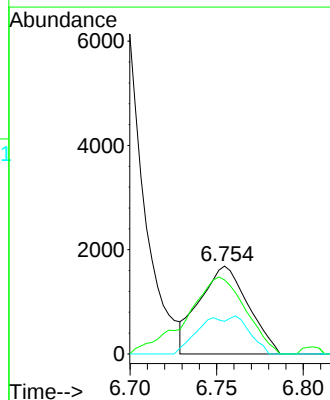
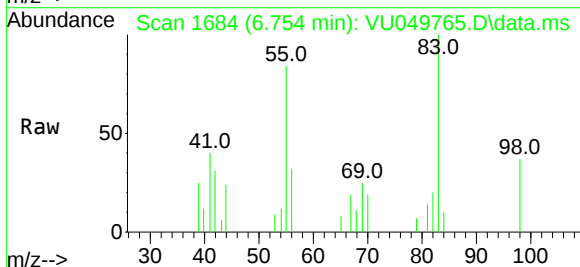
Tgt Ion: 83 Resp: 3289

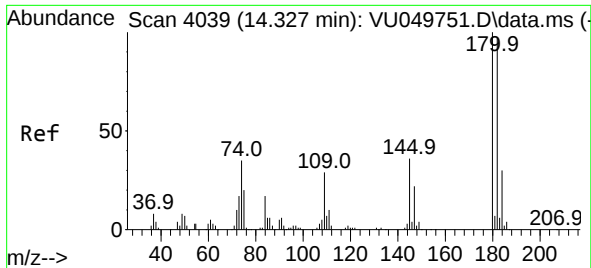
Ion Ratio Lower Upper

83 100

55 92.4 66.0 99.0

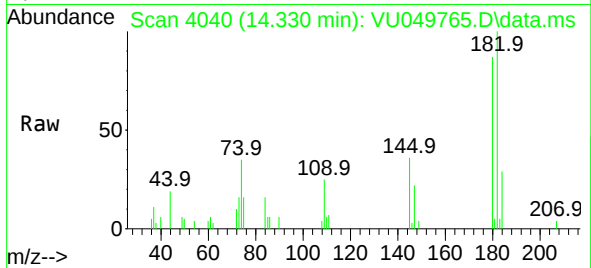
98 24.9 34.6 51.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 2.990 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU049765.D
 Acq: 18 Jul 2022 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B68ME



Tgt Ion:	180	Resp:	5698
Ion Ratio	Lower	Upper	
180	100		
182	102.4	76.6	115.0
145	34.6	27.1	40.7

