

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062725.D
 Acq On : 13 Jan 2025 18:27
 Operator : MD/SY
 Sample : Q1058-08DL 100X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 19:05:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 13 18:58:58 2025
 Response via : Initial Calibration

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

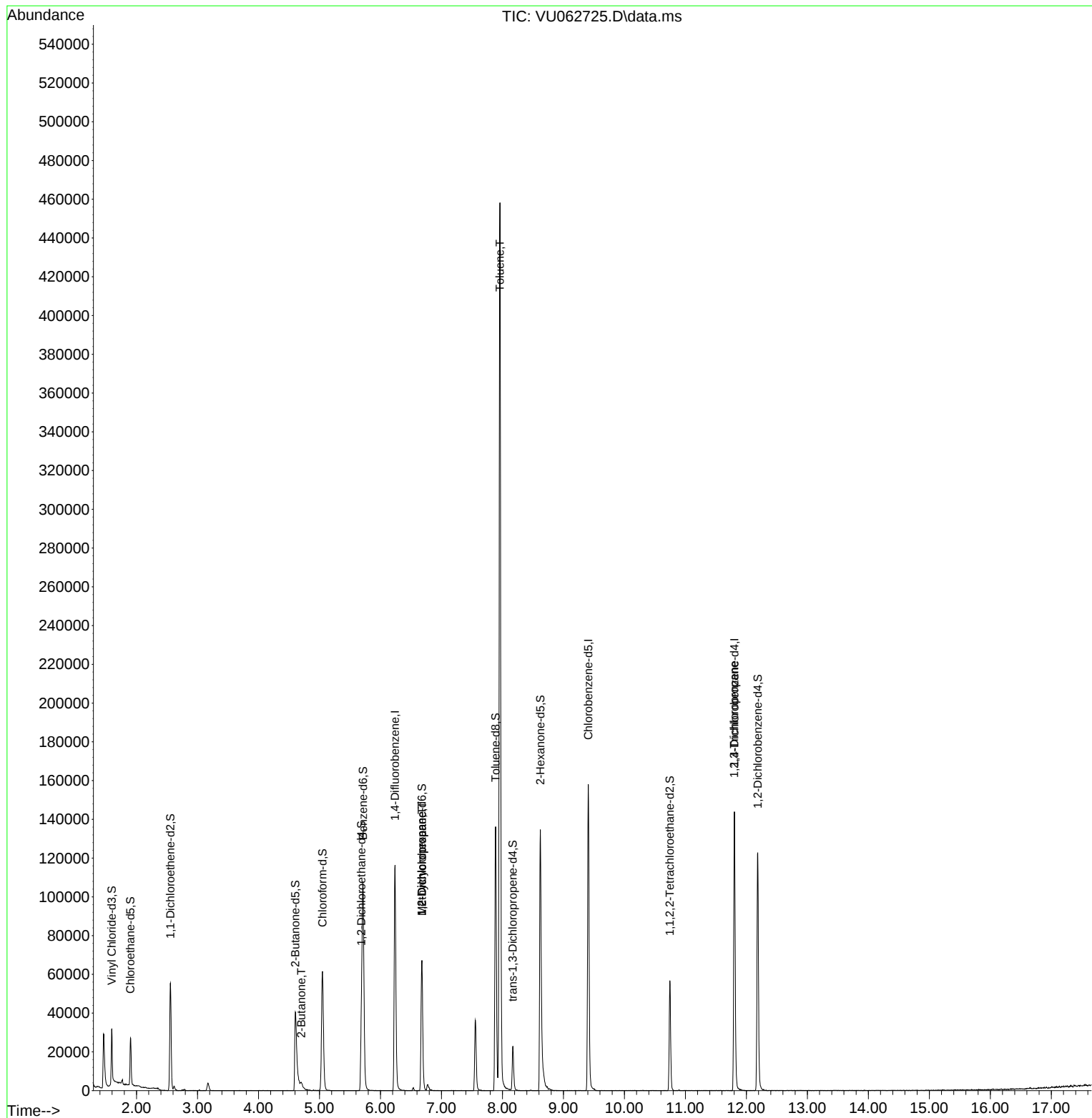
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88557	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18280	3.482	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.901	69	18297	4.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.557	65	10967	4.032	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.605	46	58631	54.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.280%
24) Chloroform-d	5.049	84	61494	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.689	65	35728	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.714	84	100690	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.679	67	29258	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.888	98	92791	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.171	79	13966	4.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.621	63	48429	51.468	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25790	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	34907	5.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
21) 2-Butanone	4.702	43	6535	5.773	ug/L	91
35) Methylcyclohexane	6.679	83	8154	0.762	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	4068	0.678	ug/L #	85
42) Toluene	7.959	91	330622	11.859	ug/L	100
61) 1,2,3-Trichloropropane	11.801	75	3855	1.040	ug/L #	58

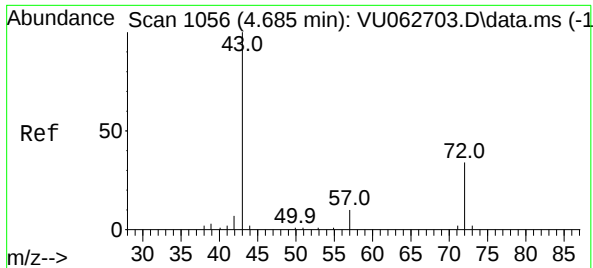
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 19:05:07 2025
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 13 18:58:58 2025
Response via : Initial Calibration

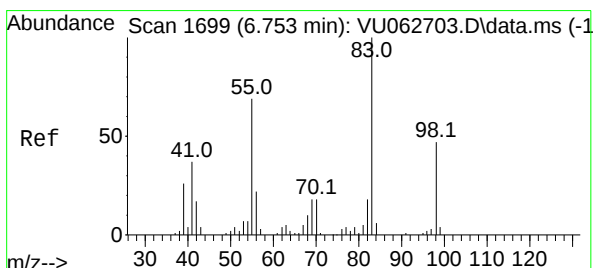
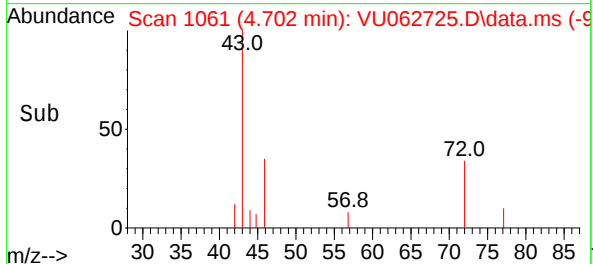
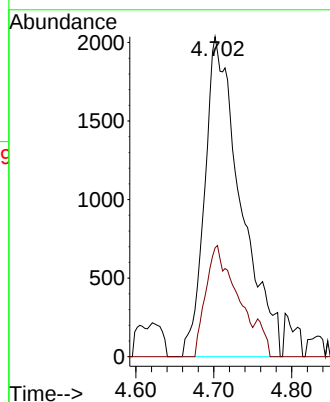
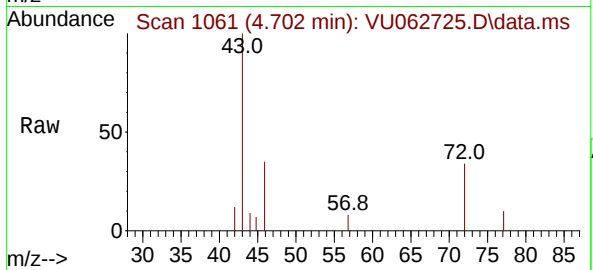




#21
2-Butanone
Concen: 5.773 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.016 min
Lab File: VU062725.D
Acq: 13 Jan 2025 18:27

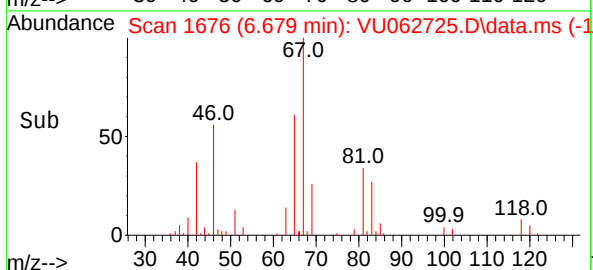
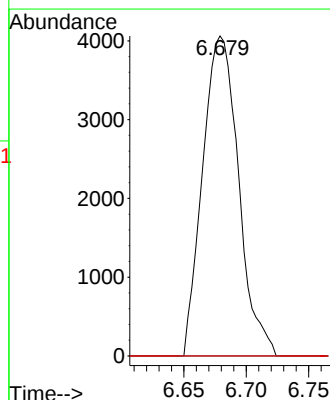
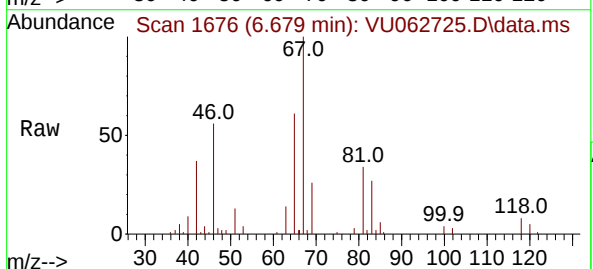
Instrument :
MSVOA_U
ClientSampleId :

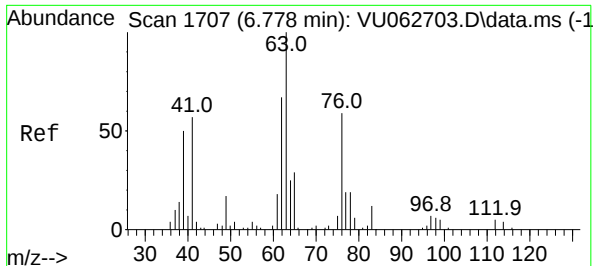
Tgt Ion: 43 Resp: 6535
Ion Ratio Lower Upper
43 100
72 29.0 17.1 51.2



#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062725.D
Acq: 13 Jan 2025 18:27

Tgt Ion: 83 Resp: 8154
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#

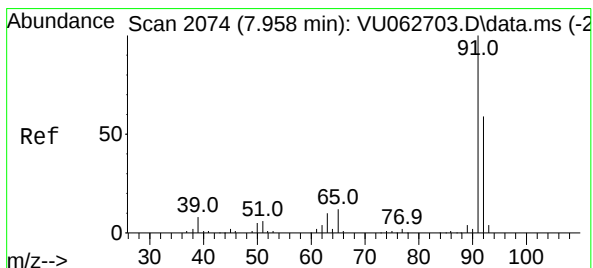
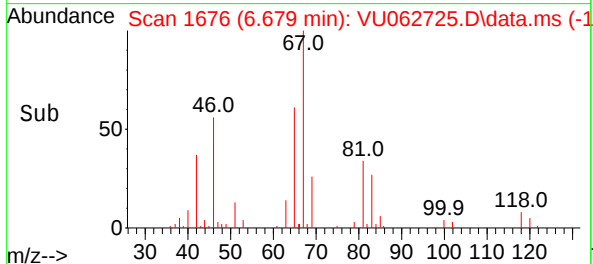
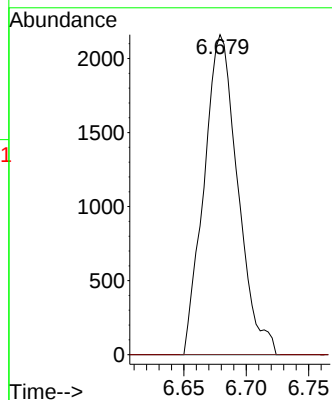
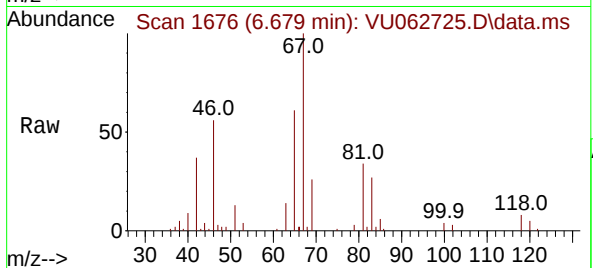




#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062725.D
Acq: 13 Jan 2025 18:27

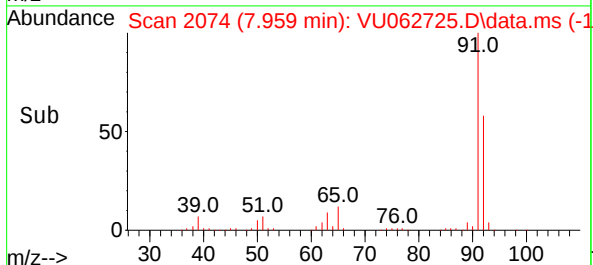
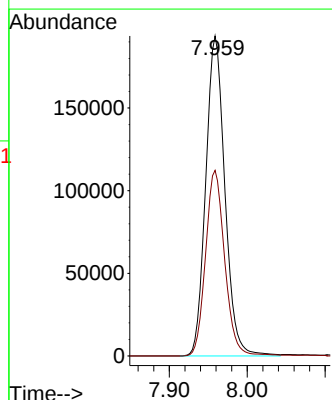
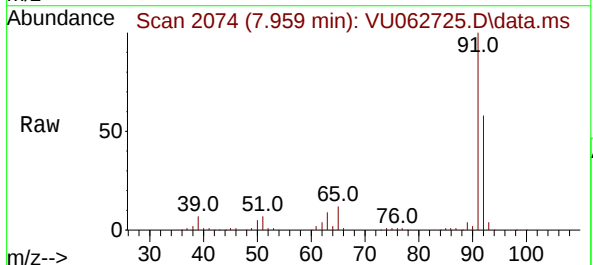
Instrument :
MSVOA_U
ClientSampleId :

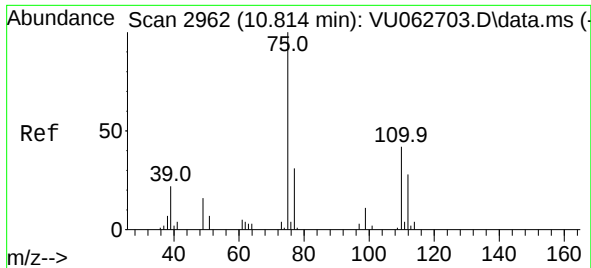
Tgt Ion: 63 Resp: 4068
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#42
Toluene
Concen: 11.859 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU062725.D
Acq: 13 Jan 2025 18:27

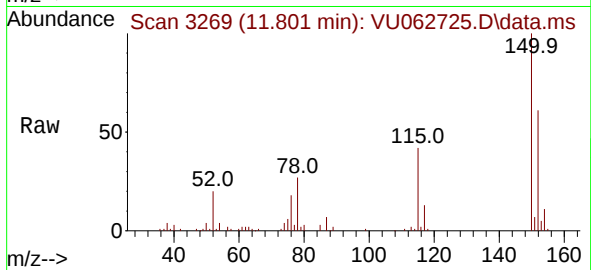
Tgt Ion: 91 Resp: 330622
Ion Ratio Lower Upper
91 100
92 58.0 40.4 75.0





#61
 1,2,3-Trichloropropane
 Concen: 1.040 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU062725.D
 Acq: 13 Jan 2025 18:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3855
 Ion Ratio Lower Upper
 75 100
 110 1.1 33.2 49.8#
 77 40.5 25.9 38.9#

