

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055902.D
 Acq On : 26 Oct 2023 13:31
 Operator : MD/SY
 Sample : 04961-06ME
 Misc : 5.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 02:51:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

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

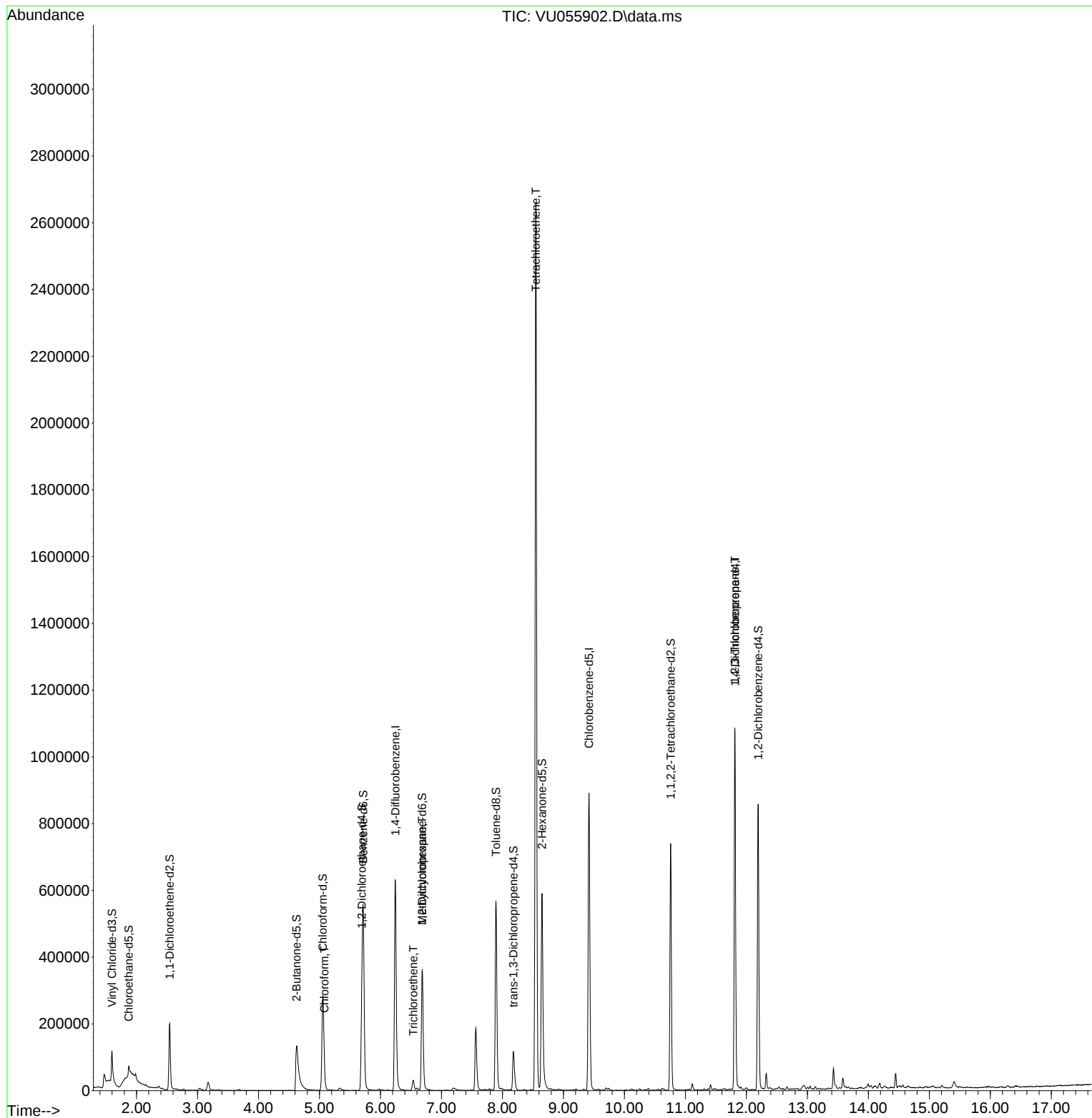
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	554596	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	576877	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	287251	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	91708	18.436	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	36.880%#
7) Chloroethane-d5	1.872	69	38076	9.364	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	18.720%#
11) 1,1-Dichloroethene-d2	2.544	63	127883	14.418	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	28.840%#
21) 2-Butanone-d5	4.624	46	274532	74.479	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.480%
24) Chloroform-d	5.055	84	285526	29.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.880%#
26) 1,2-Dichloroethane-d4	5.695	65	195604	33.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.640%#
32) Benzene-d6	5.718	84	501624	27.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	54.360%#
36) 1,2-Dichloropropane-d6	6.685	67	189851	32.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	64.980%#
41) Toluene-d8	7.894	98	406445	24.387	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	48.780%#
43) trans-1,3-Dichloroprop...	8.180	79	87940	31.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.660%
47) 2-Hexanone-d5	8.650	63	241515	105.138	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.140%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	375179	41.713	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.420%
66) 1,2-Dichlorobenzene-d4	12.193	152	234590	41.154	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.300%
Target Compounds						
					Qvalue	
25) Chloroform	5.081	83	7438	0.864	ug/L	85
34) Trichloroethene	6.541	95	10332	2.071	ug/L	94
35) Methylcyclohexane	6.685	83	44671	6.171	ug/L #	19
46) Tetrachloroethene	8.547	164	605814	169.583	ug/L	99
60) 1,2,3-Trichloropropane	11.811	75	35537	5.700	ug/L #	70

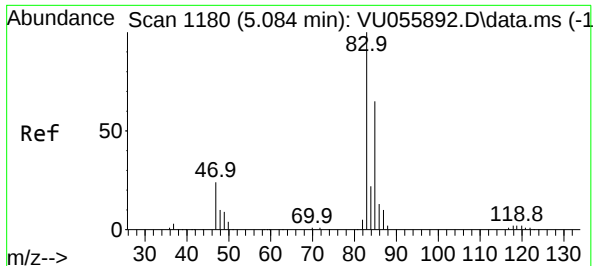
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 27 02:48:43 2023
Response via : Initial Calibration





#25

Chloroform

Concen: 0.864 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055902.D

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Instrument :

MSVOA_U

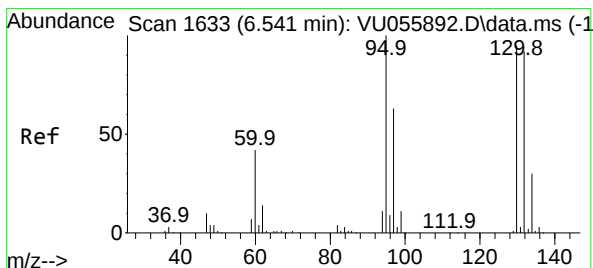
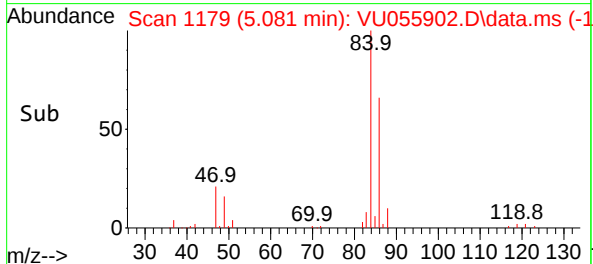
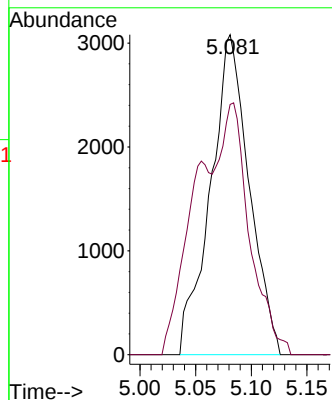
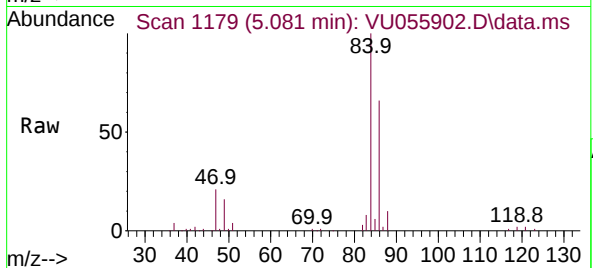
ClientSampleId :

Tgt Ion: 83 Resp: 7438

Ion Ratio Lower Upper

83 100

85 78.2 46.3 86.1



#34

Trichloroethene

Concen: 2.071 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055902.D

Acq: 26 Oct 2023 13:31

Tgt Ion: 95 Resp: 10332

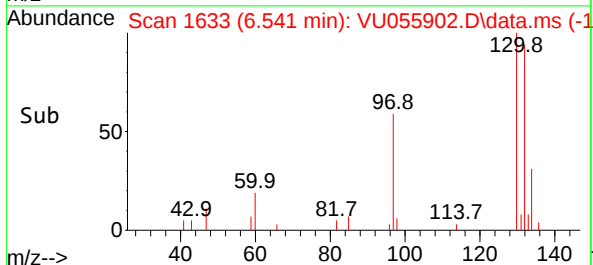
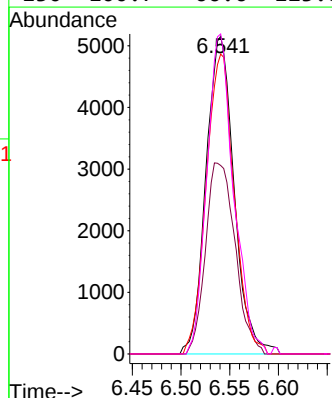
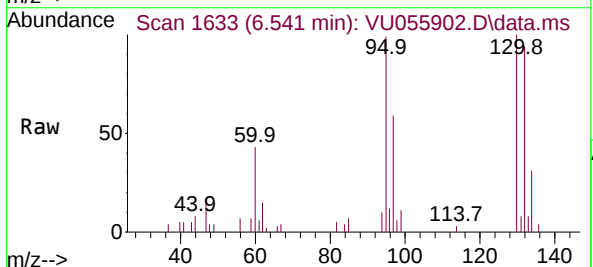
Ion Ratio Lower Upper

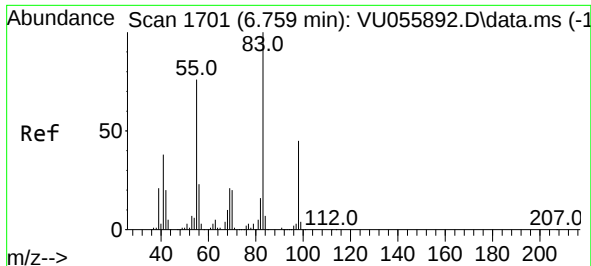
95 100

97 59.3 44.4 82.5

132 94.4 61.8 114.8

130 100.7 66.6 123.8

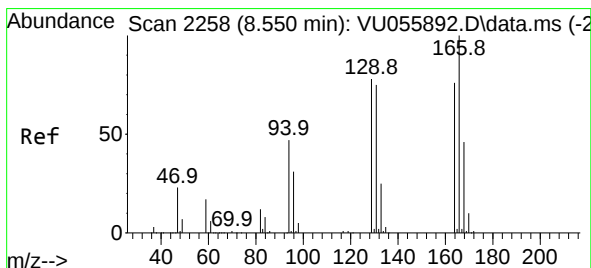
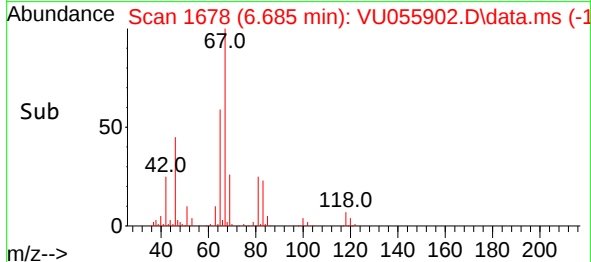
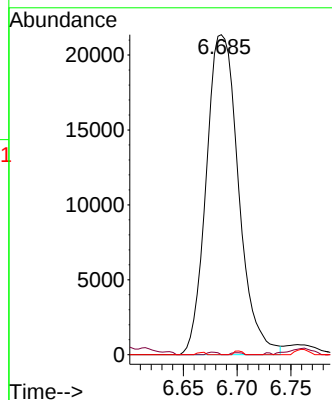
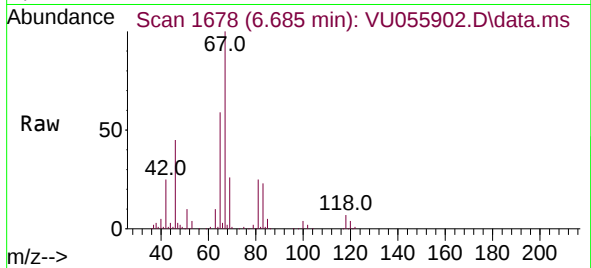




#35
Methylcyclohexane
Concen: 6.171 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU055902.D
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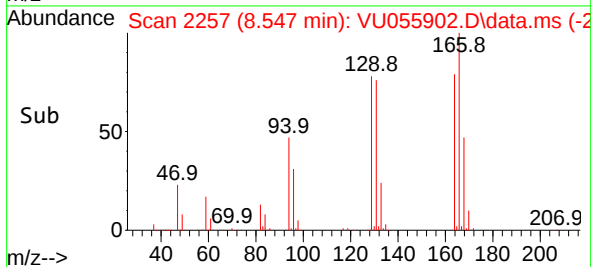
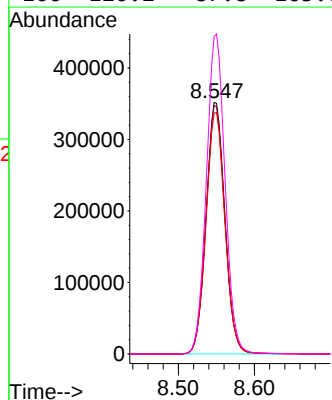
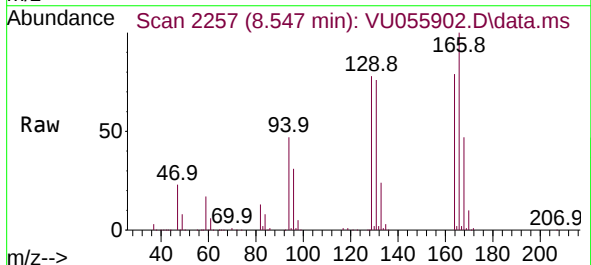
Instrument :
MSVOA_U
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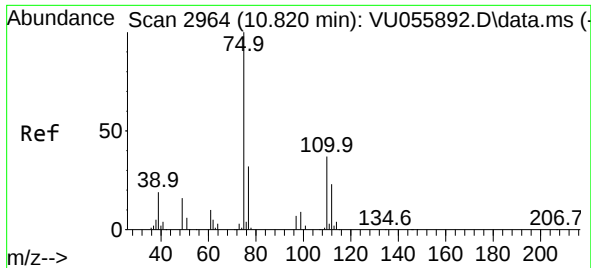
Tgt Ion: 83 Resp: 44671
Ion Ratio Lower Upper
83 100
55 0.2 61.2 91.8#
98 0.3 35.8 53.6#



#46
Tetrachloroethene
Concen: 169.583 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU055902.D
Acq: 26 Oct 2023 13:31

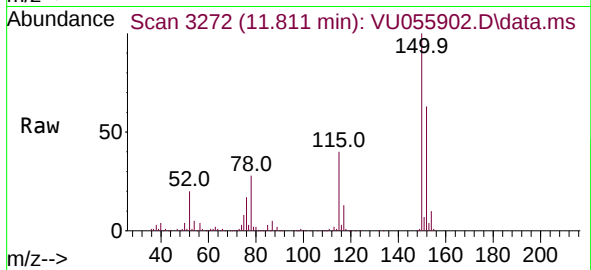
Tgt Ion:164 Resp: 605814
Ion Ratio Lower Upper
164 100
129 98.8 70.7 131.3
131 95.8 65.9 122.5
166 126.2 87.8 163.0





#60
 1,2,3-Trichloropropane
 Concen: 5.700 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055902.D
 Acq: 26 Oct 2023 13:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	35537
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.8
110	2.3	28.5	42.7#

