

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057143.D
 Acq On : 21 Dec 2023 18:49
 Operator : MD/SY
 Sample : 05866-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 23:32:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

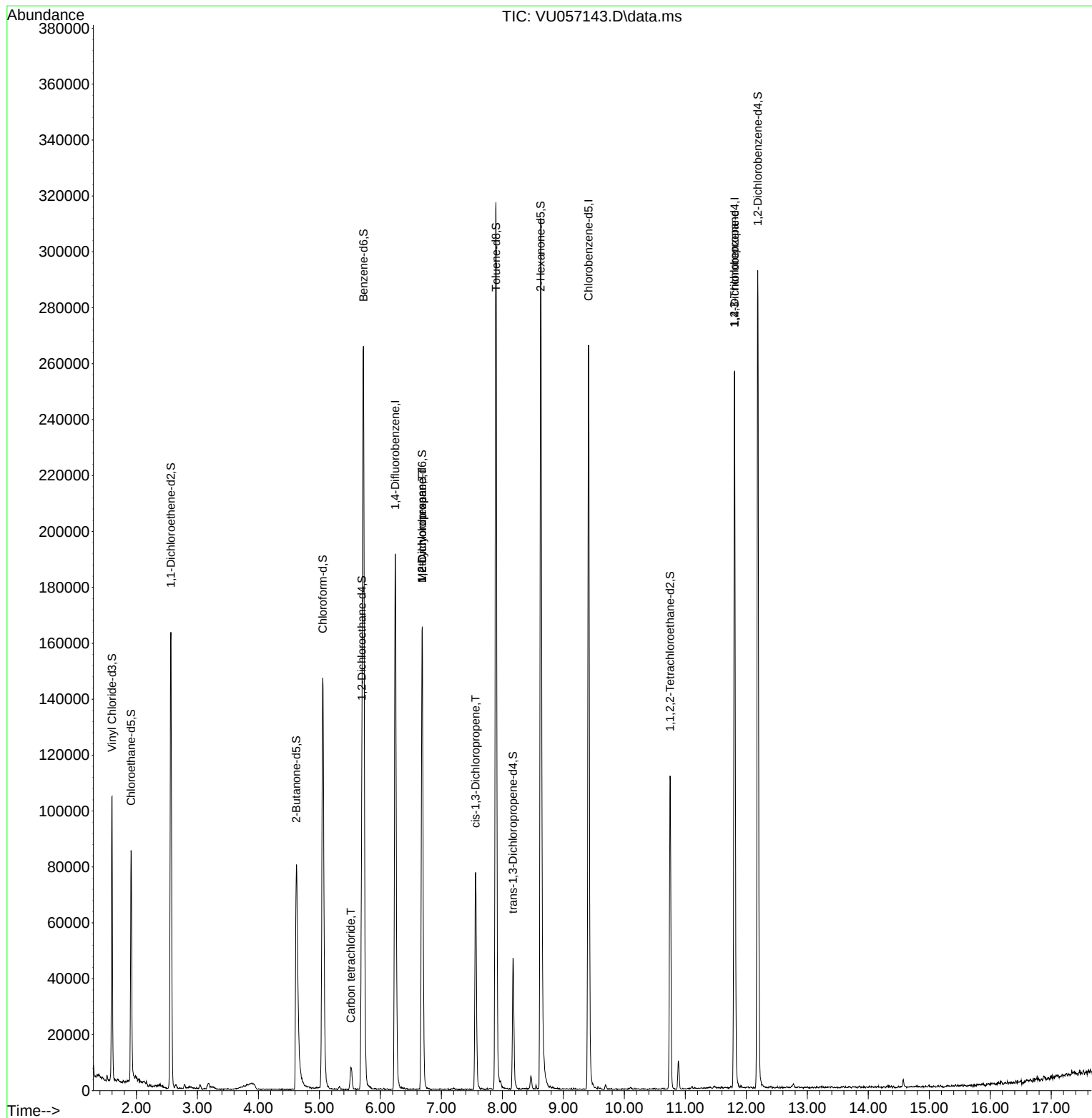
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	74310	4.974	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.911	69	61110	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.563	65	31704	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.621	46	126858	54.081	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.160%
24) Chloroform-d	5.055	84	143312	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	70806	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.721	84	257155	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.685	67	76093	5.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.894	98	216404	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.174	79	28669	4.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.628	63	107943	51.192	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55399	5.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	75040	5.165	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
31) Carbon tetrachloride	5.515	117	6020	0.283	ug/L	97
35) Methylcyclohexane	6.685	83	19144	1.029	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9307	0.774	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2329	0.129	ug/L #	70
61) 1,2,3-Trichloropropane	11.804	75	7945	1.263	ug/L #	64

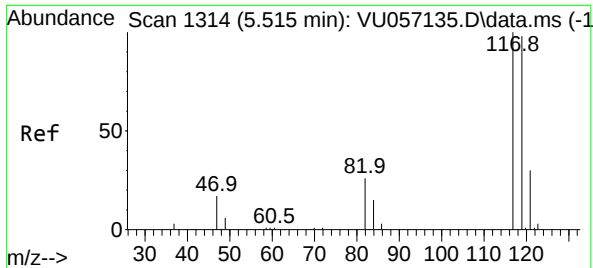
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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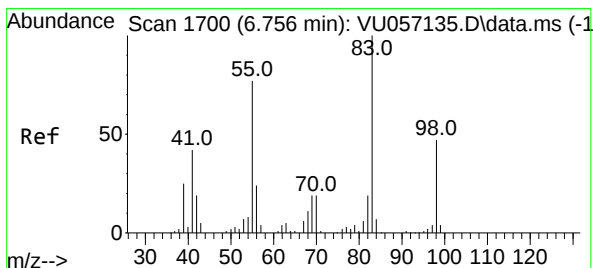
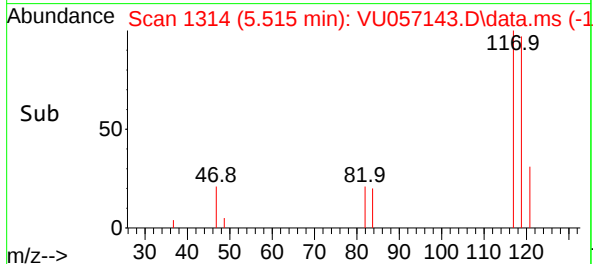
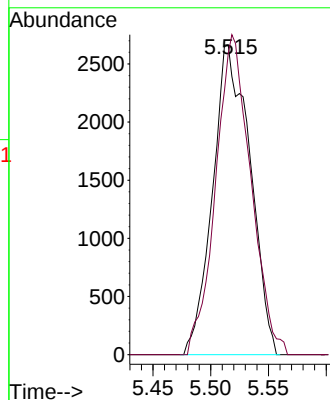
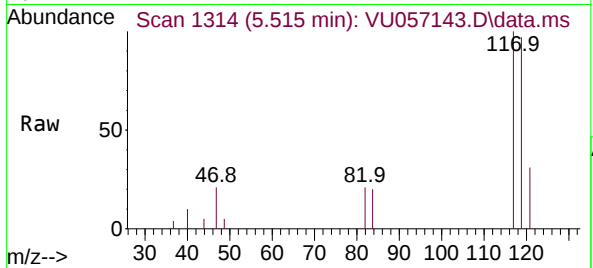




#31
Carbon tetrachloride
Concen: 0.283 ug/L
RT: 5.515 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057143.D
Acq: 21 Dec 2023 18:49

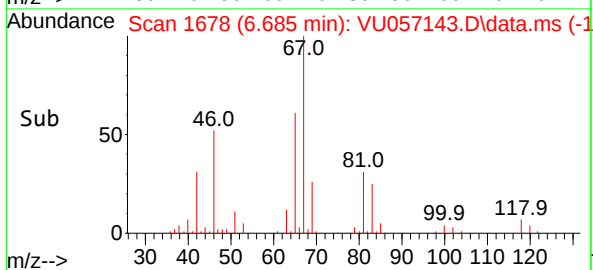
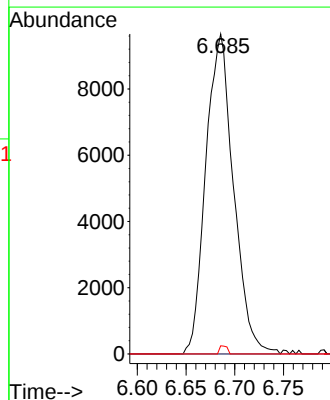
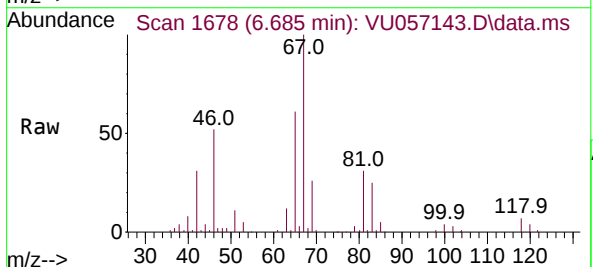
Instrument :
MSVOA_U
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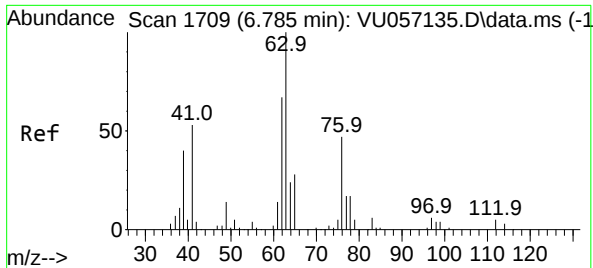
Tgt Ion:117 Resp: 6020
Ion Ratio Lower Upper
117 100
119 96.8 75.1 112.7



#35
Methylcyclohexane
Concen: 1.029 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057143.D
Acq: 21 Dec 2023 18:49

Tgt Ion: 83 Resp: 19144
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.7 36.6 55.0#

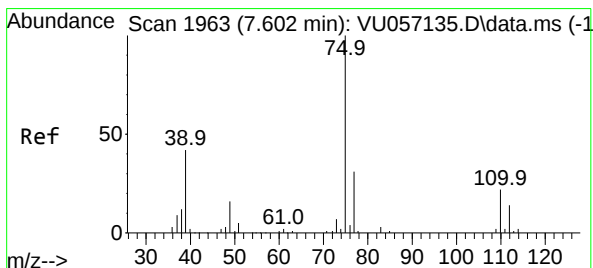
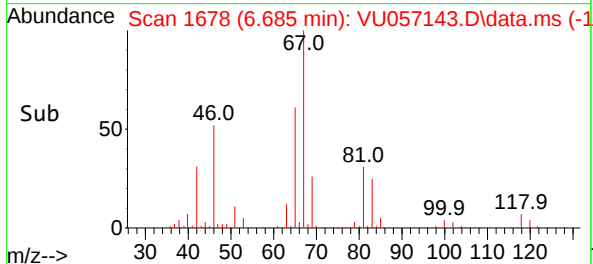
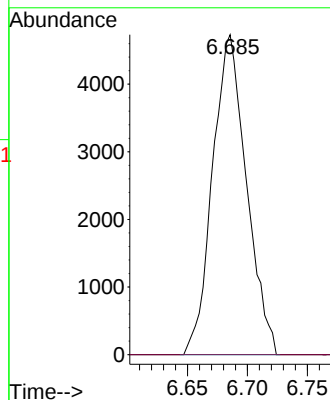
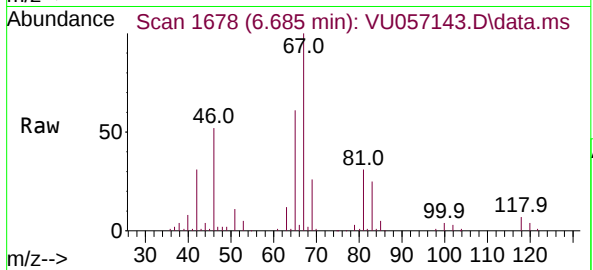




#37
1,2-Dichloropropane
Concen: 0.774 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057143.D
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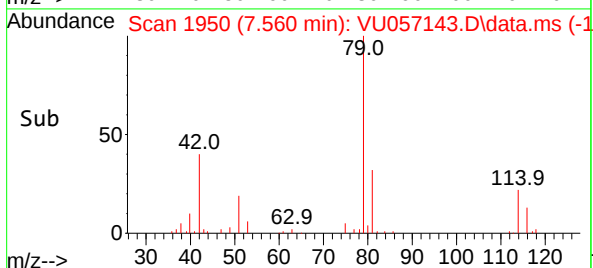
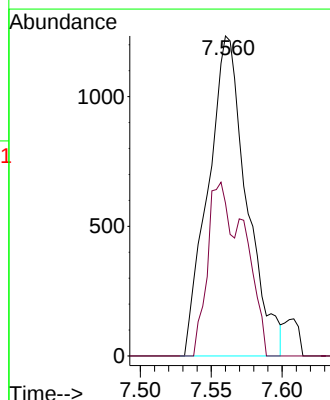
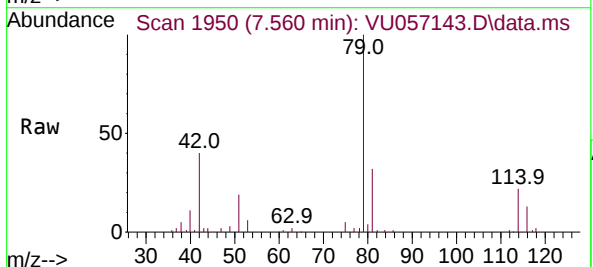
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MSVOA_U
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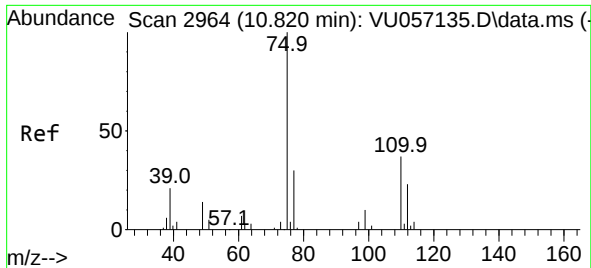
Tgt Ion: 63 Resp: 9307
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU057143.D
Acq: 21 Dec 2023 18:49

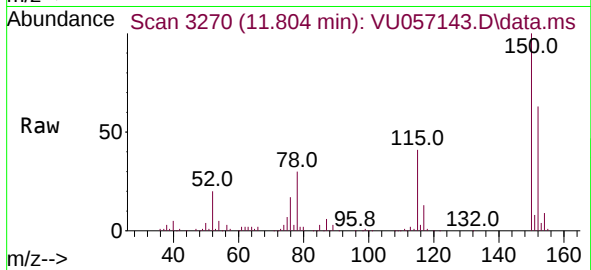
Tgt Ion: 75 Resp: 2329
Ion Ratio Lower Upper
75 100
77 47.7 21.8 40.4#





#61
1,2,3-Trichloropropane
Concen: 1.263 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.984 min
Lab File: VU057143.D
Acq: 21 Dec 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 7945
Ion Ratio Lower Upper
75 100
110 2.3 31.2 46.8#
77 35.7 25.5 38.3

