

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012624\
 Data File : VU057695.D
 Acq On : 26 Jan 2024 16:18
 Operator : MD/SY
 Sample : P1239-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 00:30:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 29 00:26:20 2024
 Response via : Initial Calibration

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

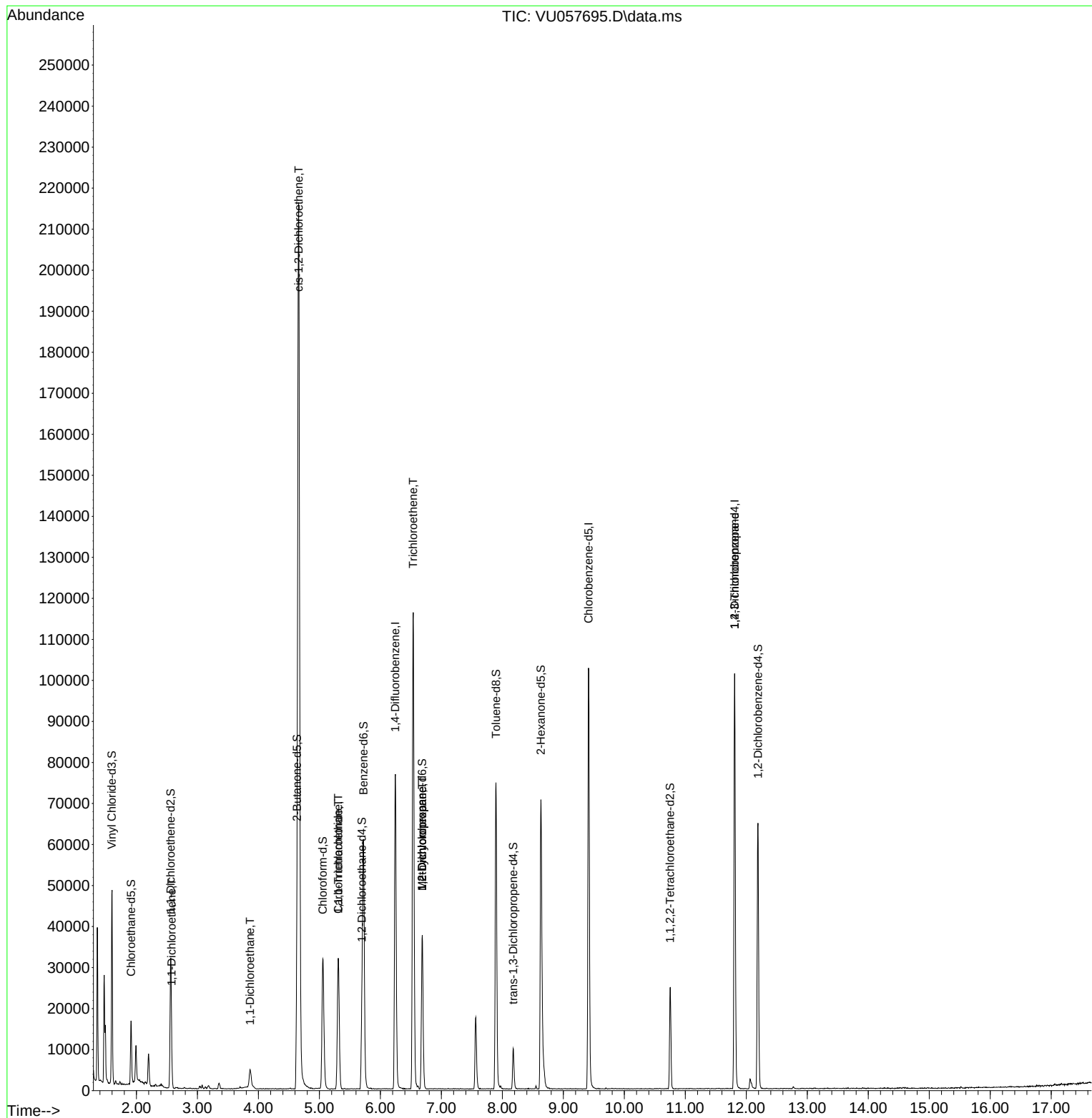
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63003	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	11519	3.318	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.911	69	11149	3.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	5764	3.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.631	46	32862	50.182	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	5.055	84	29576	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.695	65	14326	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	56859	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.685	67	17883	4.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.894	98	50135	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.177	79	6200	3.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.631	63	24041	46.289	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.580%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	12638	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	17038	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	1088	0.238	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	5634	0.633	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	109263	21.074	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	23615	2.787	ug/L	98
31) Carbon tetrachloride	5.309	117	2686	0.359	ug/L	88
34) Trichloroethene	6.538	95	40437	7.408	ug/L	95
35) Methylcyclohexane	6.685	83	3906	0.443	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2022	0.408	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	3401	1.306	ug/L #	65

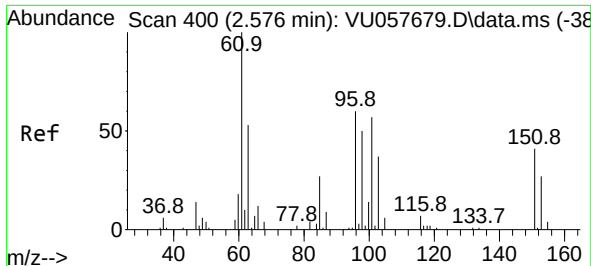
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.238 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU057695.D

Acq: 26 Jan 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

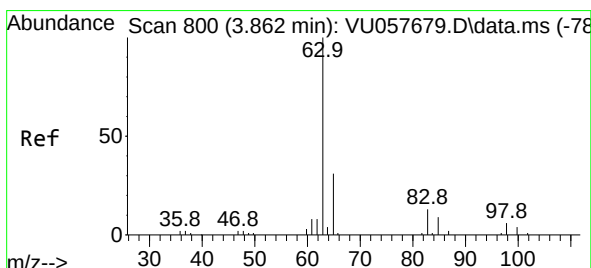
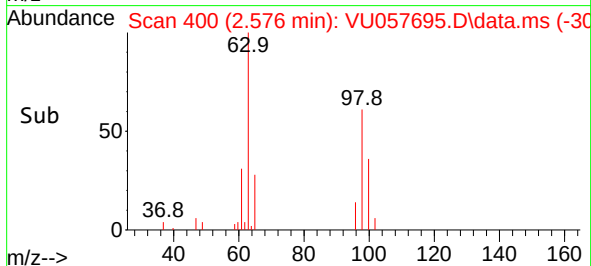
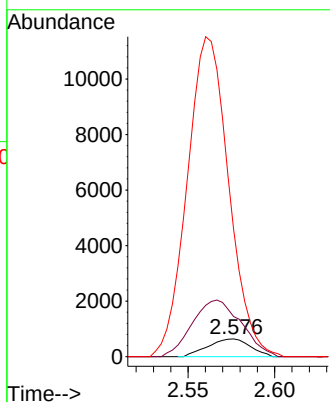
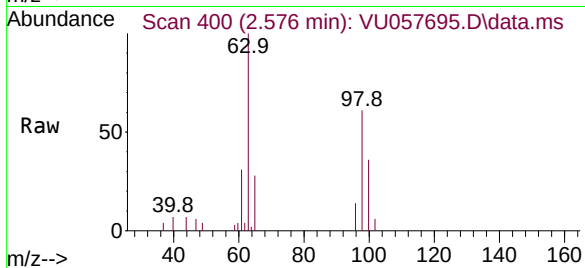
Tgt Ion: 96 Resp: 1088

Ion Ratio Lower Upper

96 100

61 225.4 120.7 224.1#

63 717.6 72.5 134.7#



#19

1,1-Dichloroethane

Concen: 0.633 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU057695.D

Acq: 26 Jan 2024 16:18

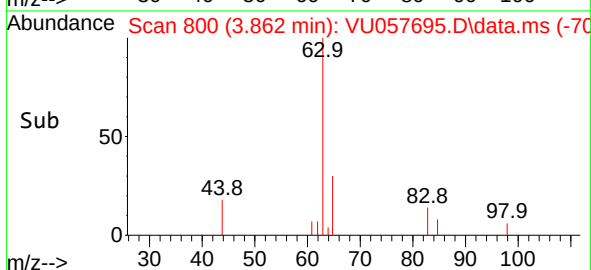
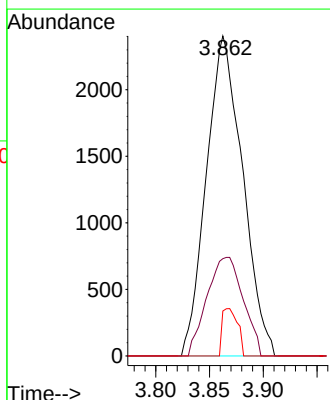
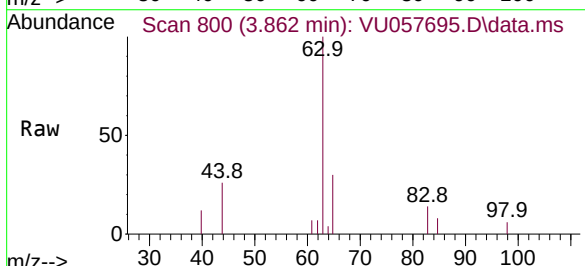
Tgt Ion: 63 Resp: 5634

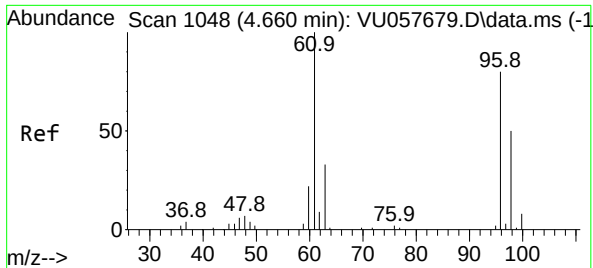
Ion Ratio Lower Upper

63 100

65 30.4 23.0 42.8

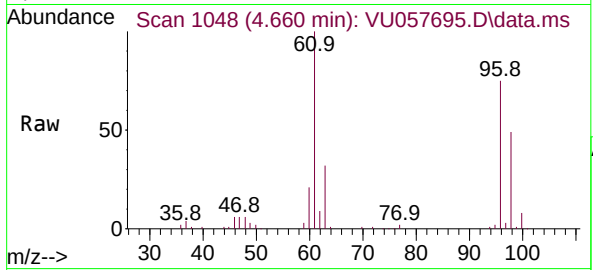
83 14.1 9.7 17.9



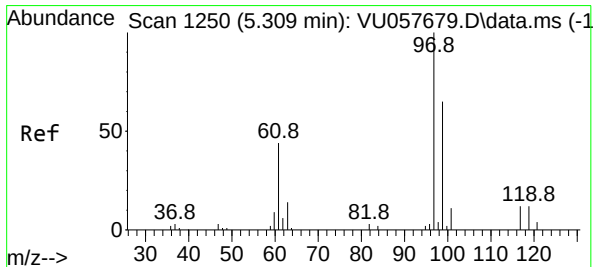
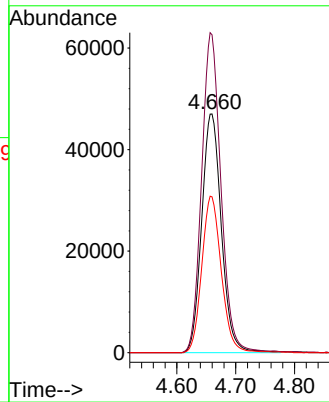
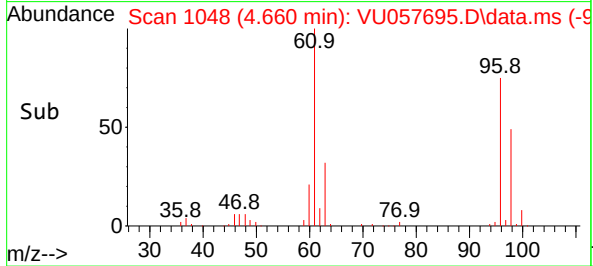


#22
 cis-1,2-Dichloroethene
 Concen: 21.074 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057695.D
 Acq: 26 Jan 2024 16:18

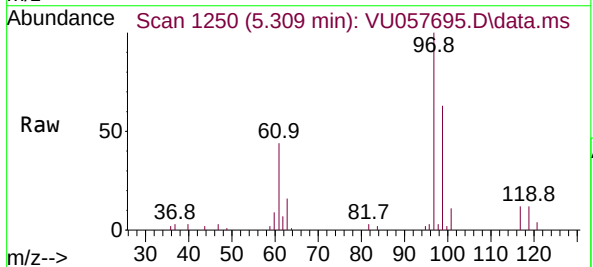
Instrument :
 MSVOA_U
 ClientSampleId :



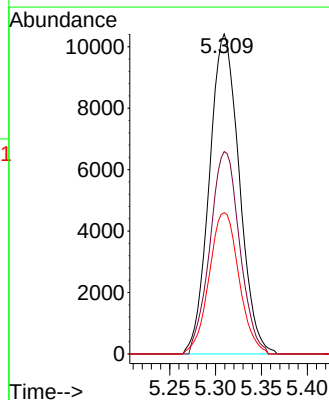
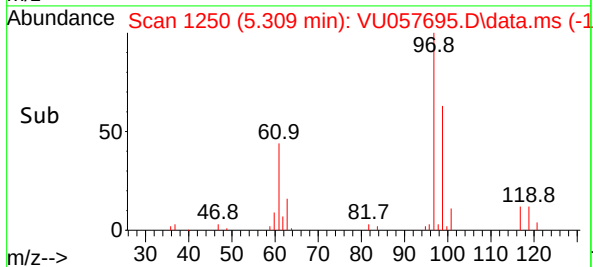
Tgt Ion: 96 Resp: 109263
 Ion Ratio Lower Upper
 96 100
 61 133.2 92.7 172.1
 98 65.3 44.9 83.5

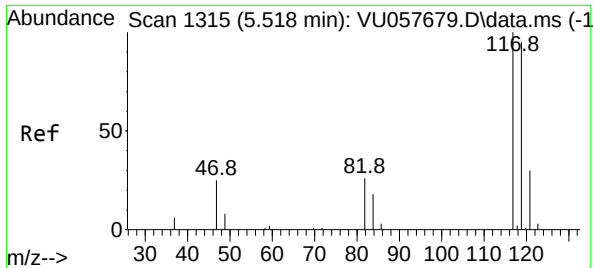


#29
 1,1,1-Trichloroethane
 Concen: 2.787 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: VU057695.D
 Acq: 26 Jan 2024 16:18



Tgt Ion: 97 Resp: 23615
 Ion Ratio Lower Upper
 97 100
 99 62.8 52.0 78.0
 61 44.1 35.3 52.9

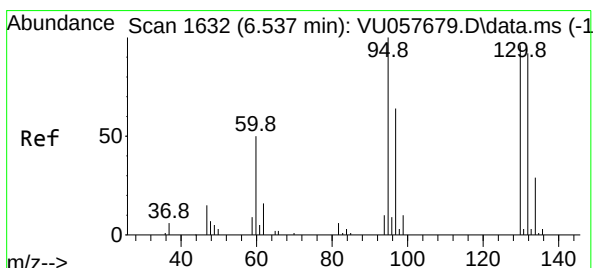
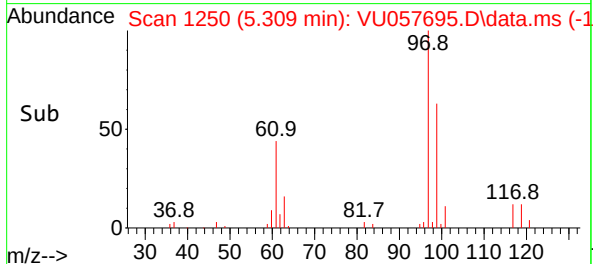
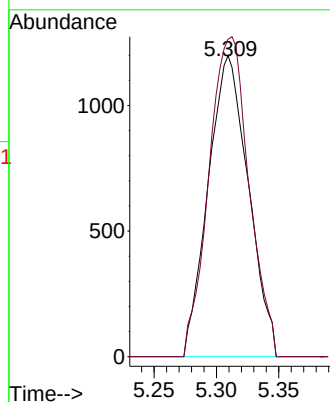
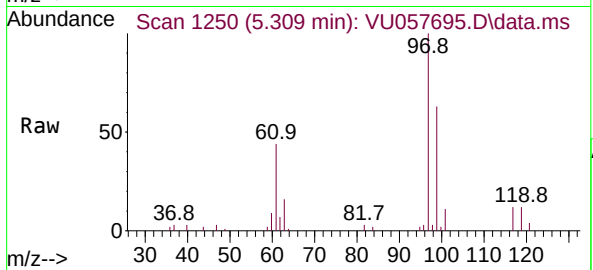




#31
Carbon tetrachloride
Concen: 0.359 ug/L
RT: 5.309 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU057695.D
Acq: 26 Jan 2024 16:18

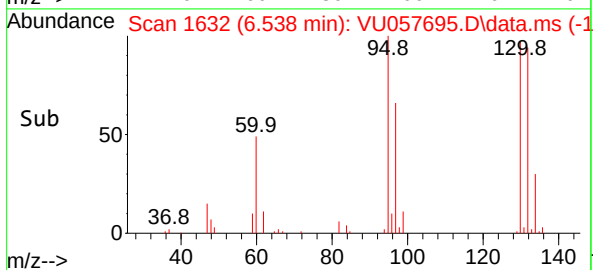
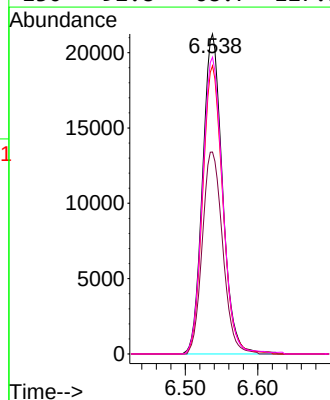
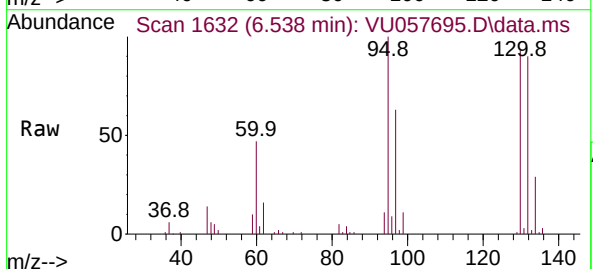
Instrument :
MSVOA_U
ClientSampleId :

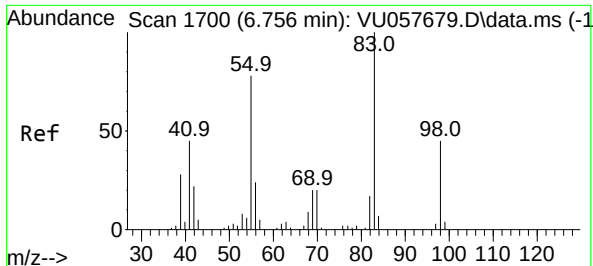
Tgt Ion:117 Resp: 2686
Ion Ratio Lower Upper
117 100
119 106.4 75.6 113.4



#34
Trichloroethene
Concen: 7.408 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057695.D
Acq: 26 Jan 2024 16:18

Tgt Ion: 95 Resp: 40437
Ion Ratio Lower Upper
95 100
97 63.1 46.1 85.5
132 90.1 66.1 122.8
130 92.8 68.7 127.5





#35

Methylcyclohexane

Concen: 0.443 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU057695.D

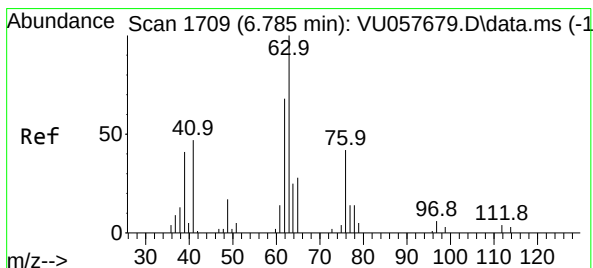
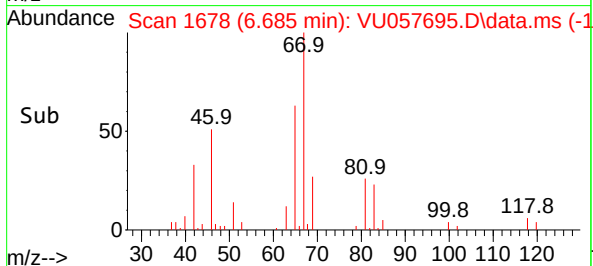
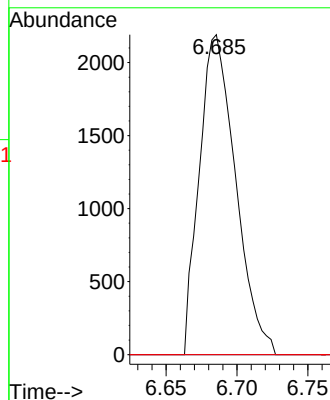
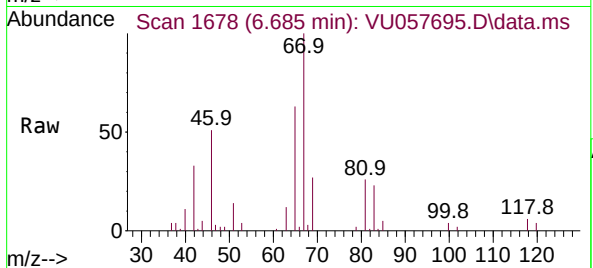
Acq: 26 Jan 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	3906
Ion Ratio	Lower	Upper
83	100	
55	0.0	61.4
98	0.0	38.2



#37

1,2-Dichloropropane

Concen: 0.408 ug/L

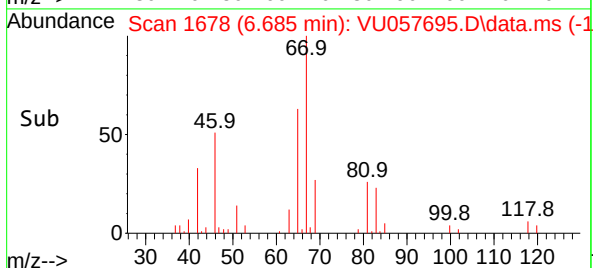
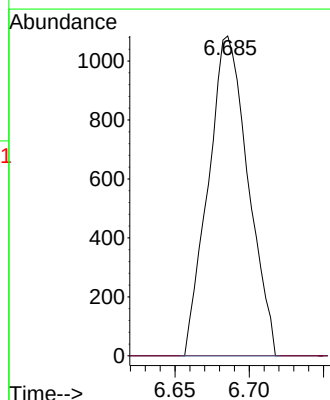
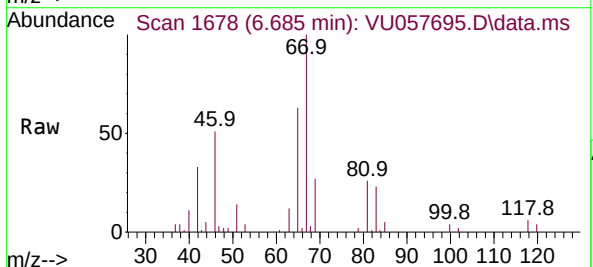
RT: 6.685 min Scan# 1678

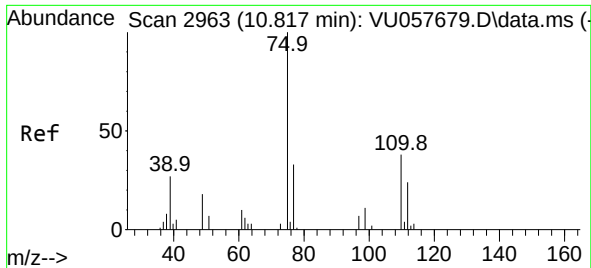
Delta R.T. -0.099 min

Lab File: VU057695.D

Acq: 26 Jan 2024 16:18

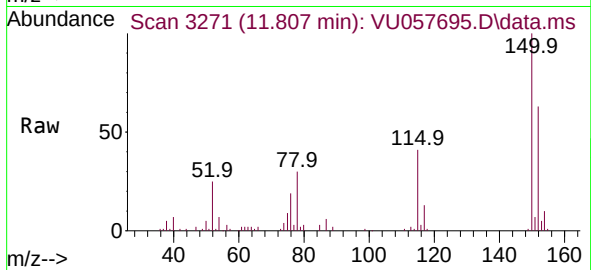
Tgt Ion: 63	Resp:	2022
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.0





#61
1,2,3-Trichloropropane
Concen: 1.306 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU057695.D
Acq: 26 Jan 2024 16:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	30.1	45.1#
77	33.5	25.5	38.3

