

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058445.D
 Acq On : 06 Apr 2024 01:45
 Operator : MD/SY
 Sample : P1948-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 06:00:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

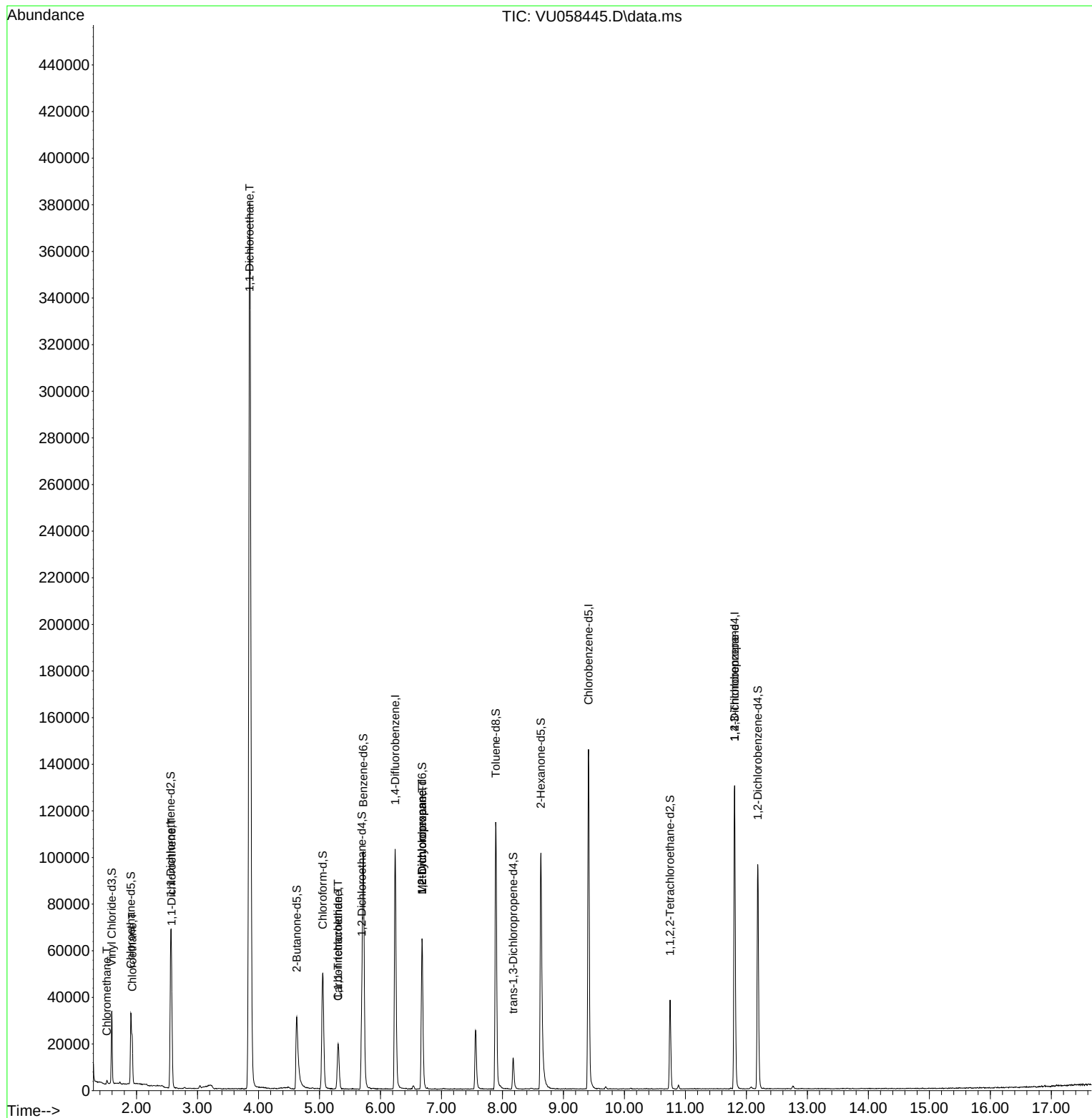
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81195	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21146	3.934	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.907	69	20193	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.560	65	10459	4.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.628	46	52863	46.663	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.320%
24) Chloroform-d	5.052	84	47876	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	23002	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.718	84	93528	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.682	67	30602	4.536	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	78609	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.177	79	8464	4.042	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.631	63	36582	42.357	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19991	4.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	25458	4.335	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1049	0.127	ug/L	92
8) Chloroethane	1.930	64	11320	2.166	ug/L	94
12) 1,1-Dichloroethene	2.576	96	9937	1.727	ug/L #	70
19) 1,1-Dichloroethane	3.856	63	447443	33.991	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	13793	1.288	ug/L	97
31) Carbon tetrachloride	5.303	117	1670	0.184	ug/L	98
35) Methylcyclohexane	6.682	83	6875	0.625	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3292	0.432	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4619	1.298	ug/L #	69

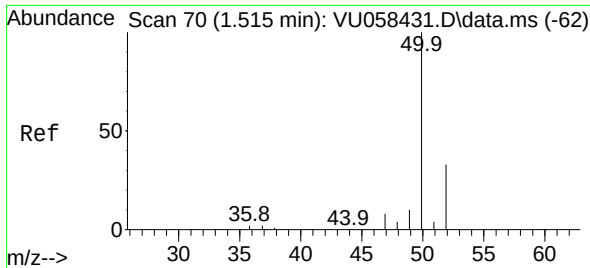
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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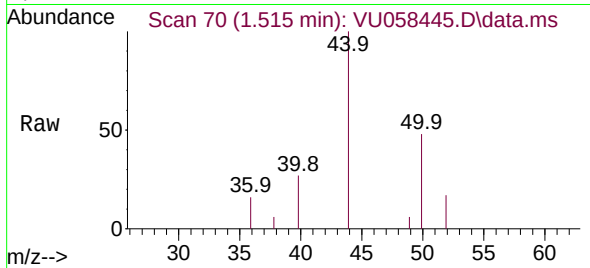
Quant Time: Apr 06 06:00:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
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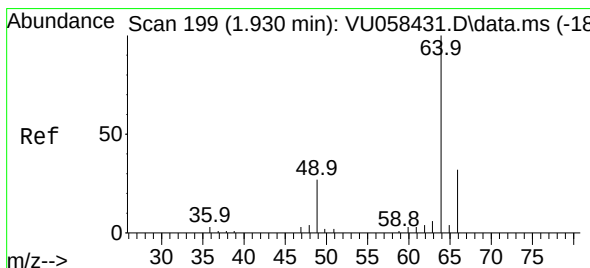
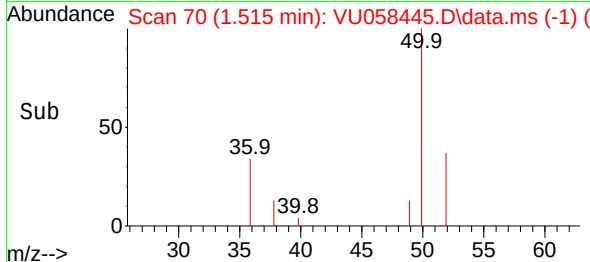
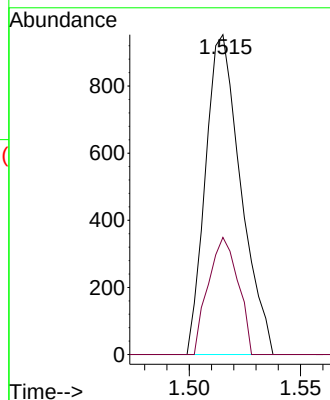


#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058445.D
Acq: 06 Apr 2024 01:45

Instrument :
MSVOA_U
ClientSampleId :

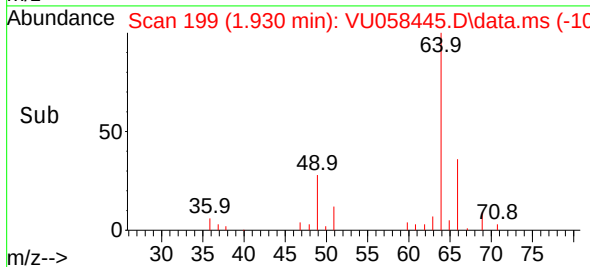
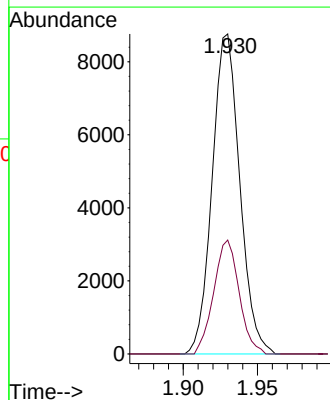
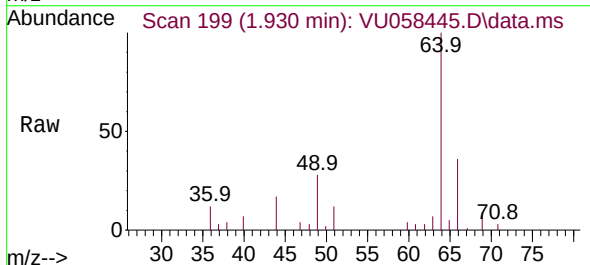


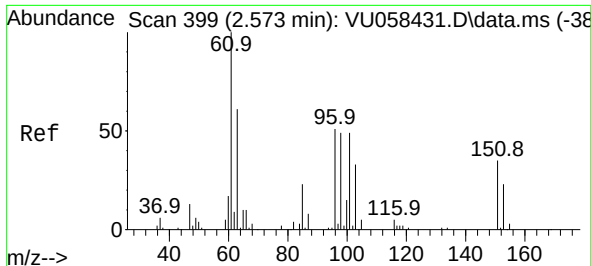
Tgt Ion: 50 Resp: 1049
Ion Ratio Lower Upper
50 100
52 36.6 22.6 42.0



#8
Chloroethane
Concen: 2.166 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058445.D
Acq: 06 Apr 2024 01:45

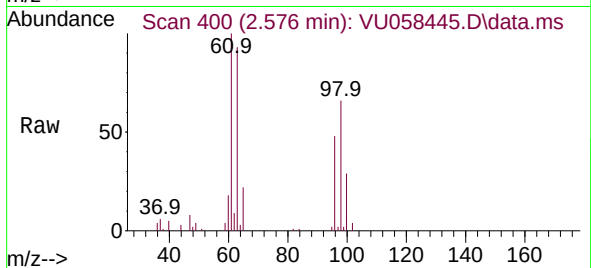
Tgt Ion: 64 Resp: 11320
Ion Ratio Lower Upper
64 100
66 35.6 22.5 41.9



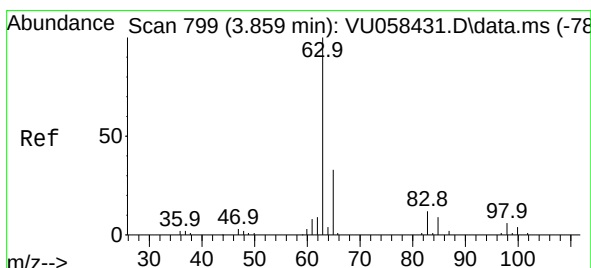
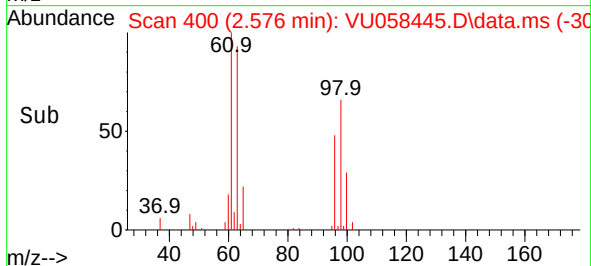
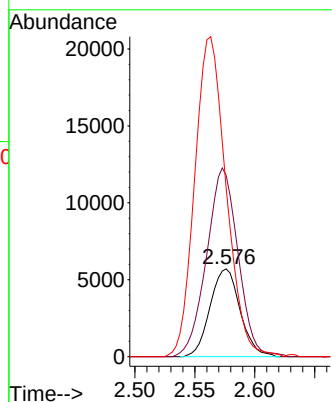


#12
1,1-Dichloroethene
Concen: 1.727 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058445.D
Acq: 06 Apr 2024 01:45

Instrument :
MSVOA_U
ClientSampleId :

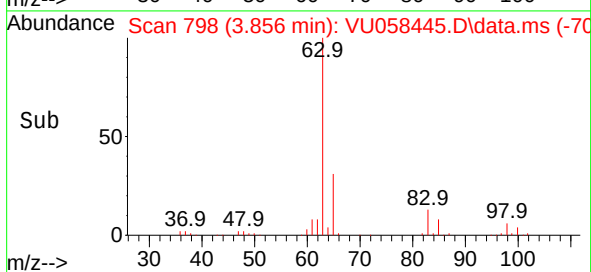
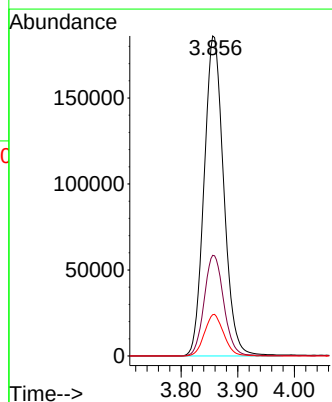
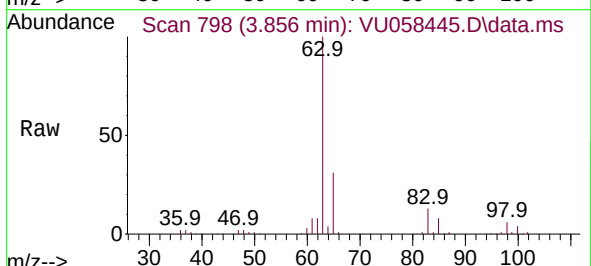


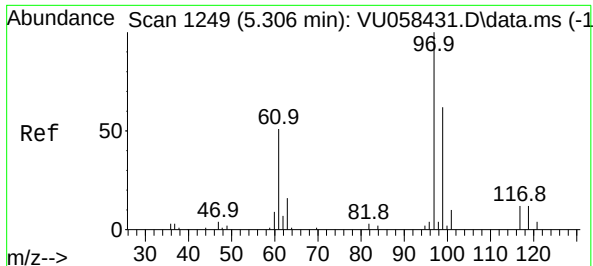
Tgt Ion: 96 Resp: 9937
Ion Ratio Lower Upper
96 100
61 206.4 132.5 246.1
63 192.2 87.7 162.9#



#19
1,1-Dichloroethane
Concen: 33.991 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU058445.D
Acq: 06 Apr 2024 01:45

Tgt Ion: 63 Resp: 447443
Ion Ratio Lower Upper
63 100
65 31.4 22.9 42.5
83 12.9 9.6 17.8

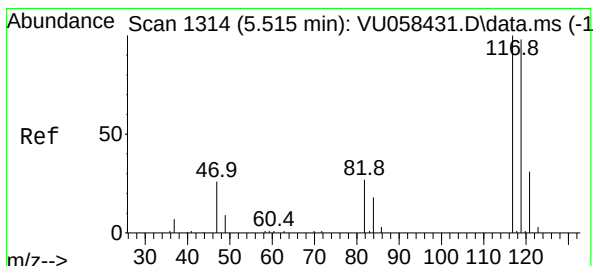
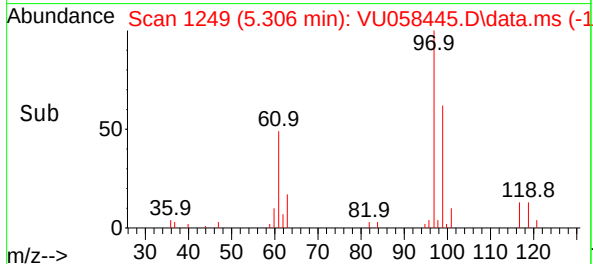
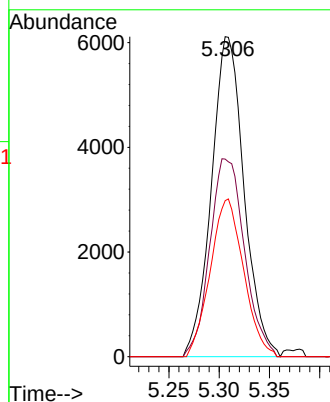
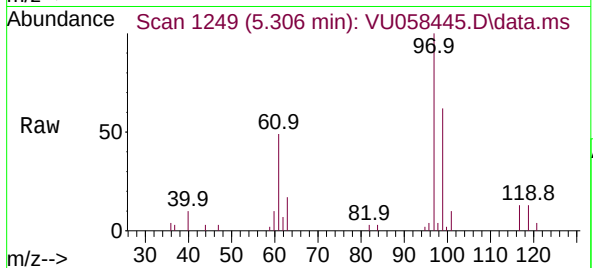




#29
1,1,1-Trichloroethane
Concen: 1.288 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058445.D
Acq: 06 Apr 2024 01:45

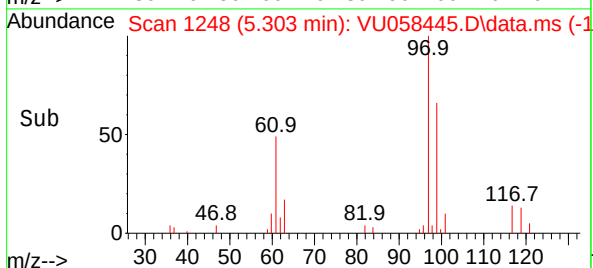
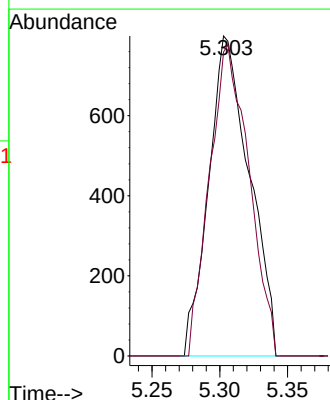
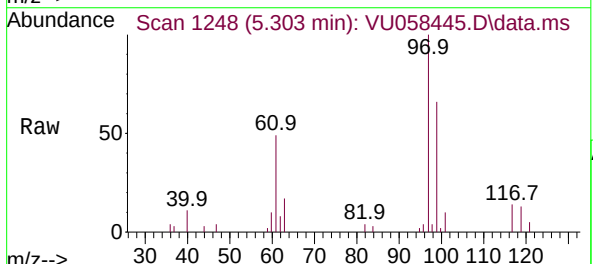
Instrument :
MSVOA_U
ClientSampleId :

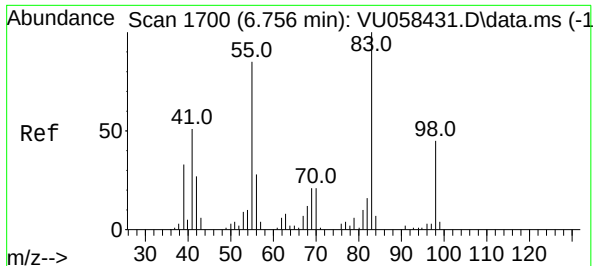
Tgt Ion: 97 Resp: 13793
Ion Ratio Lower Upper
97 100
99 65.7 50.4 75.6
61 50.4 39.4 59.0



#31
Carbon tetrachloride
Concen: 0.184 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.212 min
Lab File: VU058445.D
Acq: 06 Apr 2024 01:45

Tgt Ion: 117 Resp: 1670
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1





#35

Methylcyclohexane

Concen: 0.625 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058445.D

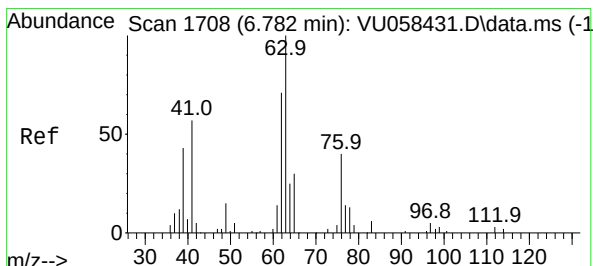
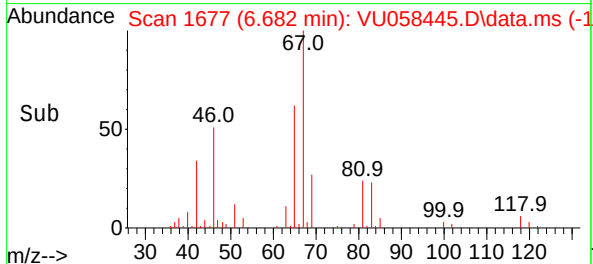
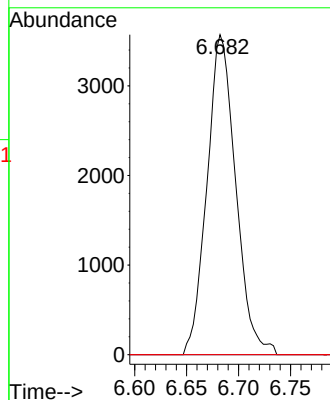
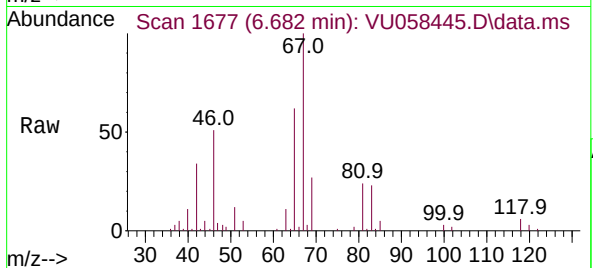
Acq: 06 Apr 2024 01:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	6875
Ion Ratio	Lower	Upper	
83	100		
55	0.0	66.2	99.4#
98	0.0	34.6	52.0#



#37

1,2-Dichloropropane

Concen: 0.432 ug/L

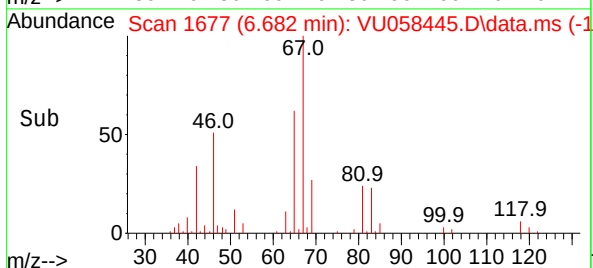
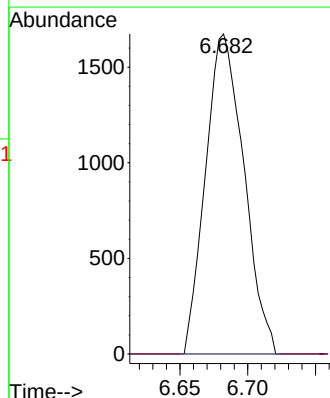
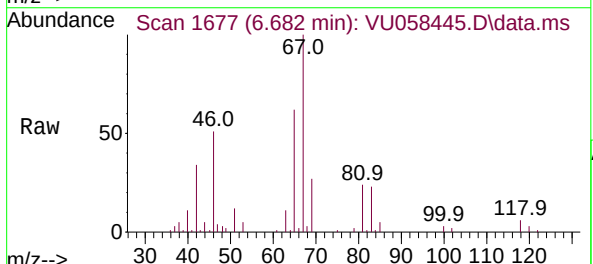
RT: 6.682 min Scan# 1677

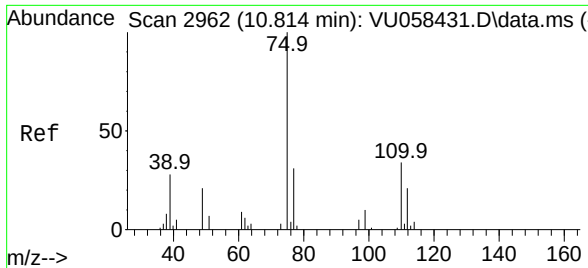
Delta R.T. -0.100 min

Lab File: VU058445.D

Acq: 06 Apr 2024 01:45

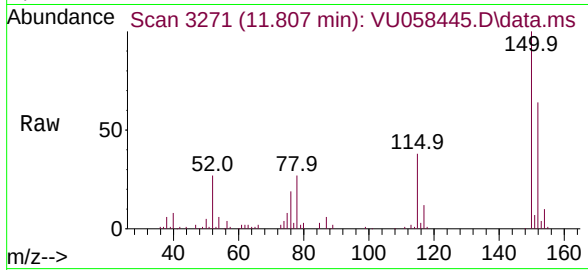
Tgt Ion:	63	Resp:	3292
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.6	4.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.298 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU058445.D
 Acq: 06 Apr 2024 01:45

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 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4619
 Ion Ratio Lower Upper
 75 100
 110 0.9 25.8 38.6#
 77 34.1 25.1 37.7

