

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058448.D
 Acq On : 06 Apr 2024 02:55
 Operator : MD/SY
 Sample : P1948-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 06:01:35 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)

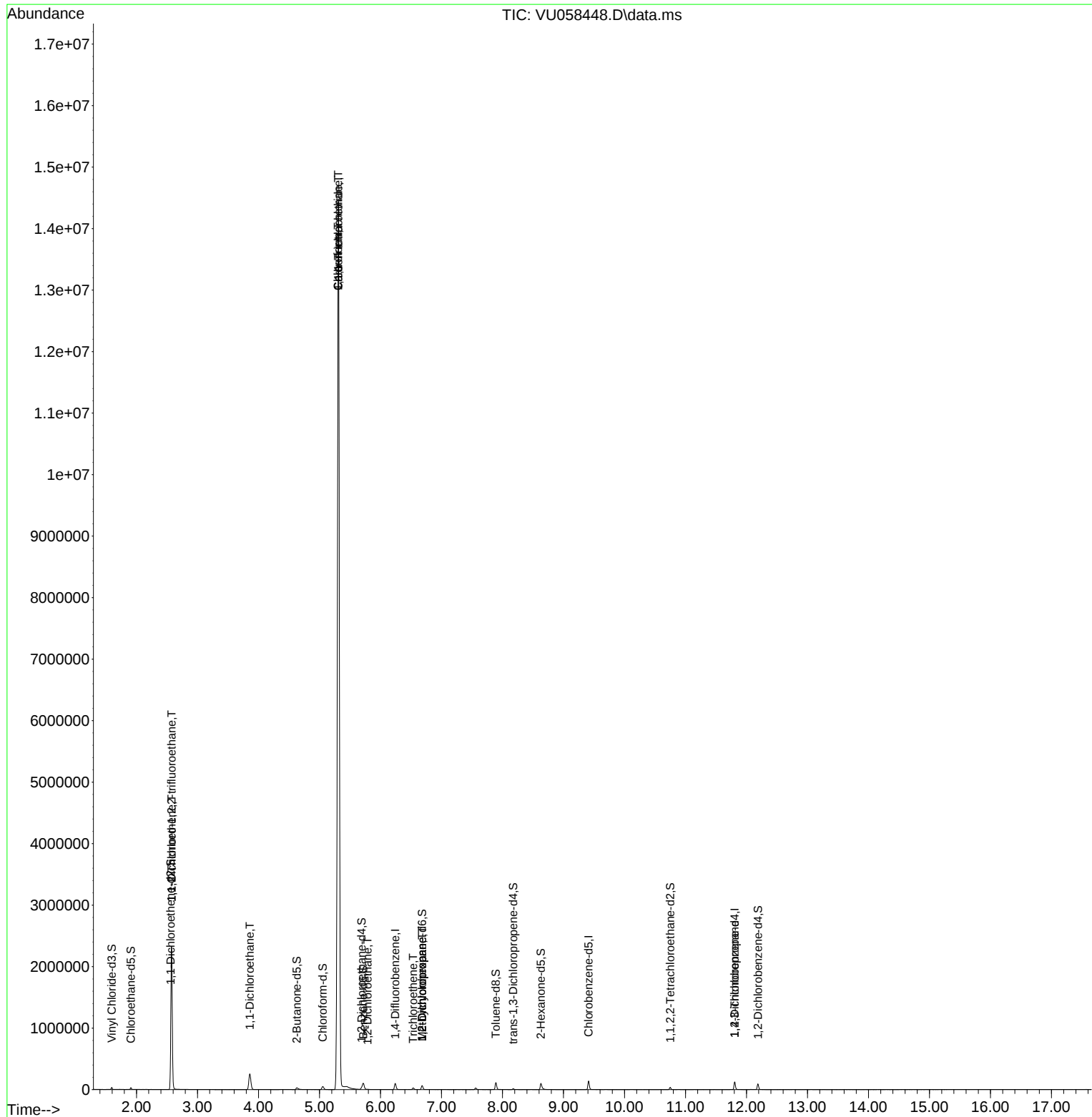
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	79457	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20677	3.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.907	69	19628	4.293	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.560	65	10298	4.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.628	46	53291	48.070	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.140%
24) Chloroform-d	5.052	84	47686	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.692	65	23238	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	94478	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.682	67	30371	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	77432	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.174	79	8687	4.371	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.627	63	35751	43.617	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19434	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	24269	4.345	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1834	0.289	ug/L #	32
12) 1,1-Dichloroethene	2.573	96	727623	129.215	ug/L #	77
19) 1,1-Dichloroethane	3.859	63	299154	23.223	ug/L	98
25) Chloroform	5.306	83	15695	1.259	ug/L	97
27) 1,2-Dichloroethane	5.788	62	2168	0.286	ug/L #	76
29) 1,1,1-Trichloroethane	5.309	97	9985919	982.275	ug/L	99
31) Carbon tetrachloride	5.309	117	1226309	142.437	ug/L	100
34) Trichloroethene	6.534	95	9221	1.331	ug/L	96
35) Methylcyclohexane	6.682	83	6344	0.608	ug/L #	25
37) 1,2-Dichloropropane	6.682	63	3348	0.463	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4707	1.391	ug/L #	70

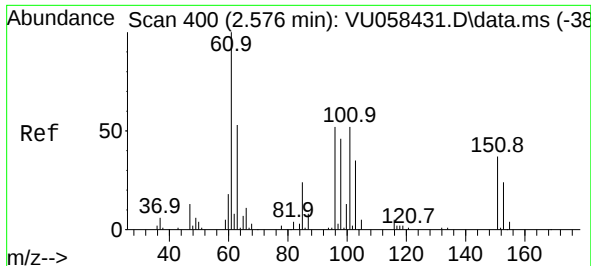
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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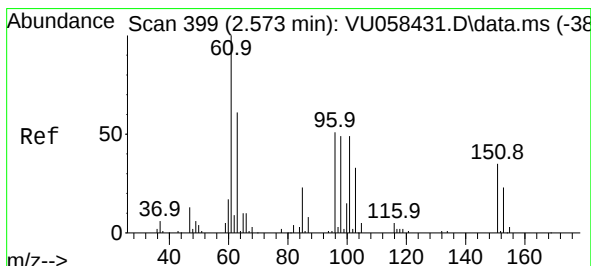
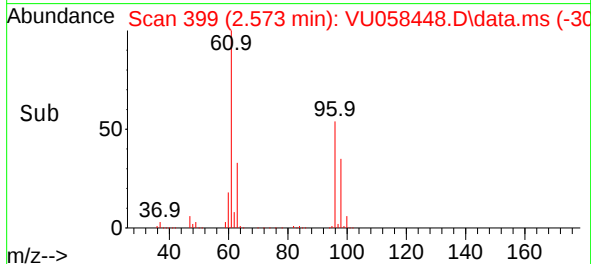
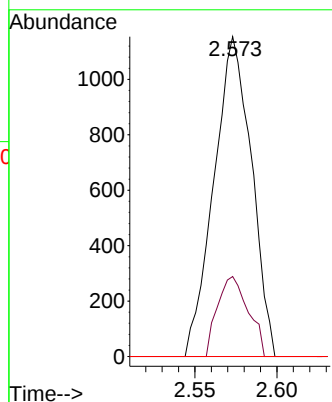
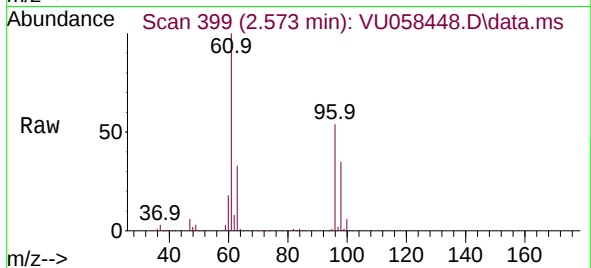




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.289 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU058448.D
 Acq: 06 Apr 2024 02:55

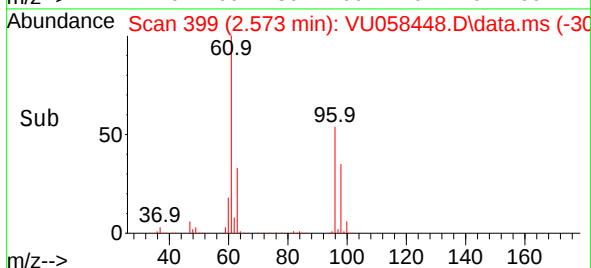
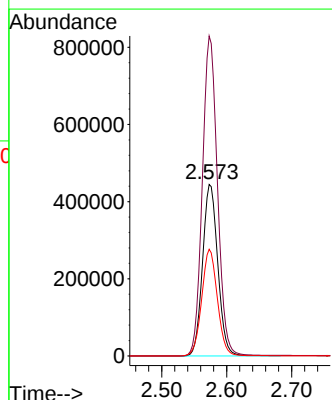
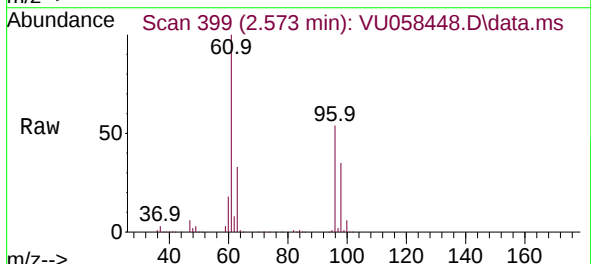
Instrument :
 MSVOA_U
 ClientSampleId :

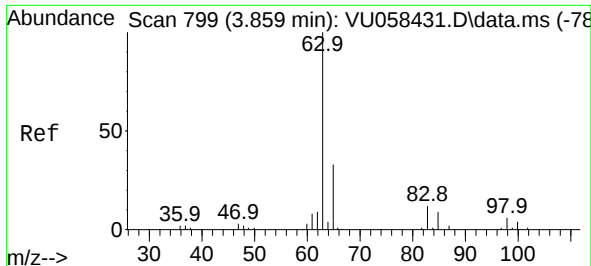
Tgt Ion:101 Resp: 1834
 Ion Ratio Lower Upper
 101 100
 85 20.6 36.8 55.2#
 151 0.0 58.2 87.4#



#12
 1,1-Dichloroethene
 Concen: 129.215 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058448.D
 Acq: 06 Apr 2024 02:55

Tgt Ion: 96 Resp: 727623
 Ion Ratio Lower Upper
 96 100
 61 186.5 132.5 246.1
 63 62.2 87.7 162.9#





#19

1,1-Dichloroethane

Concen: 23.223 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU058448.D

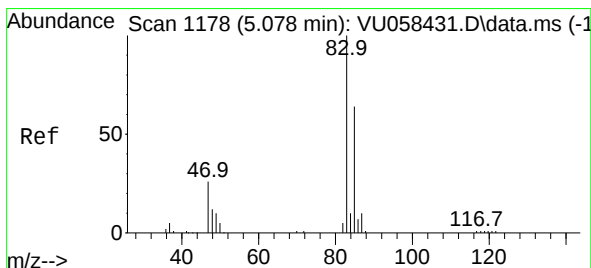
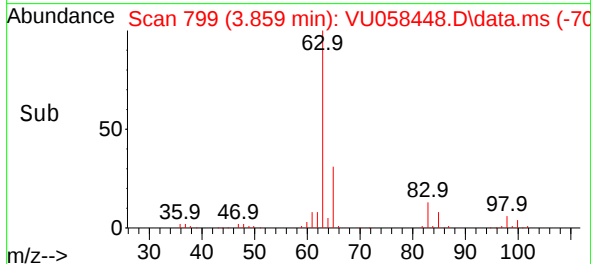
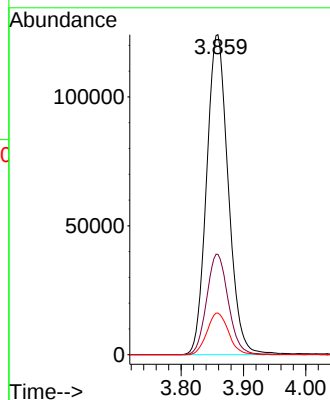
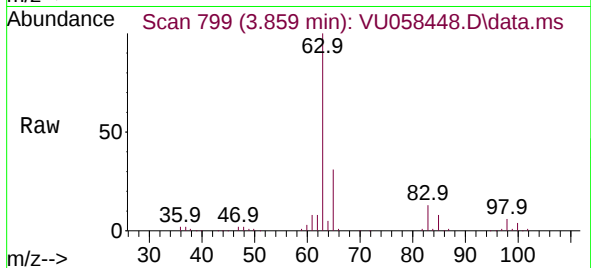
Acq: 06 Apr 2024 02:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	299154
Ion Ratio	Lower	Upper	
63	100		
65	31.4	22.9	42.5
83	13.0	9.6	17.8



#25

Chloroform

Concen: 1.259 ug/L

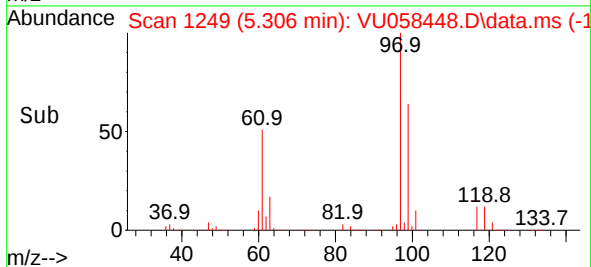
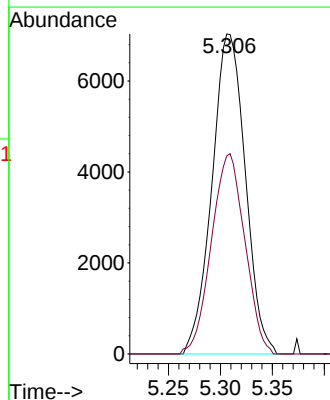
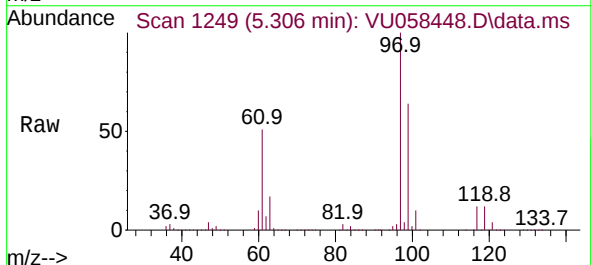
RT: 5.306 min Scan# 1249

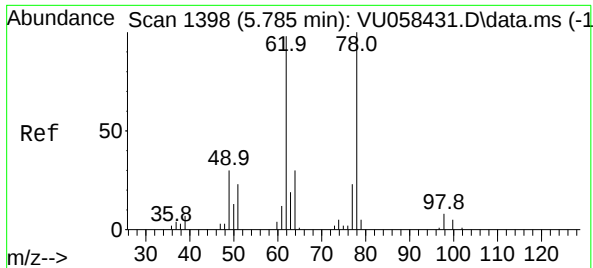
Delta R.T. 0.228 min

Lab File: VU058448.D

Acq: 06 Apr 2024 02:55

Tgt Ion:	83	Resp:	15695
Ion Ratio	Lower	Upper	
83	100		
85	61.9	44.7	83.1

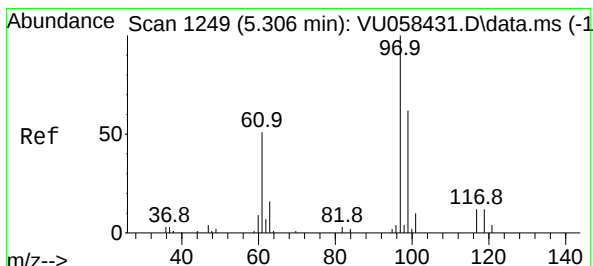
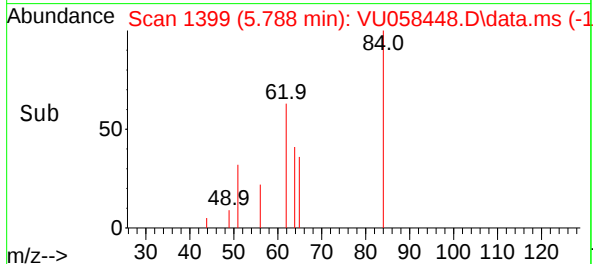
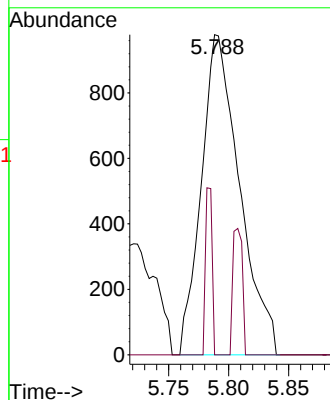
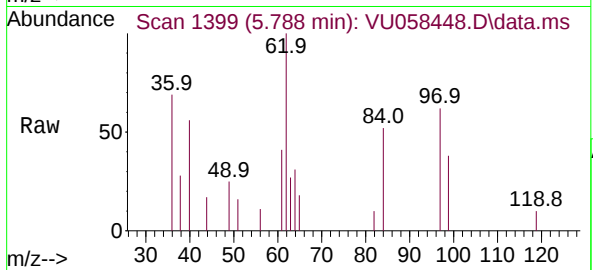




#27
1,2-Dichloroethane
Concen: 0.286 ug/L
RT: 5.788 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU058448.D
Acq: 06 Apr 2024 02:55

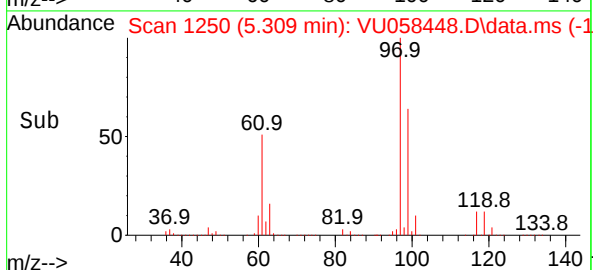
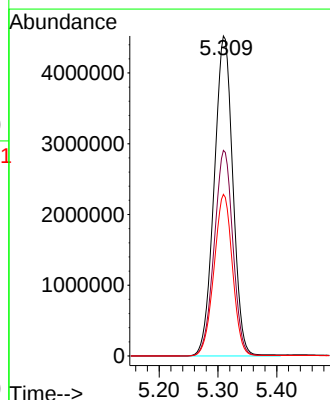
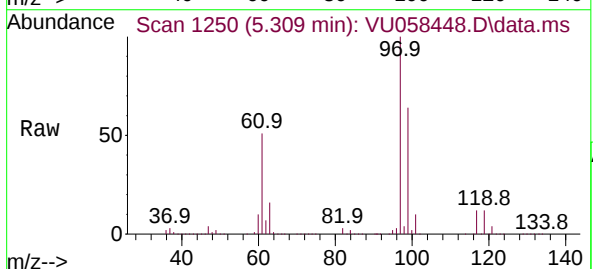
Instrument :
MSVOA_U
ClientSampleId :

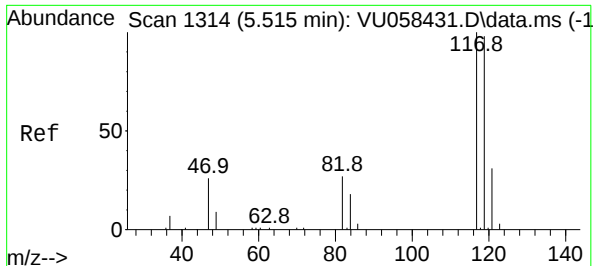
Tgt Ion: 62 Resp: 2168
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#



#29
1,1,1-Trichloroethane
Concen: 982.275 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU058448.D
Acq: 06 Apr 2024 02:55

Tgt Ion: 97 Resp: 9985919
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 50.0 39.4 59.0

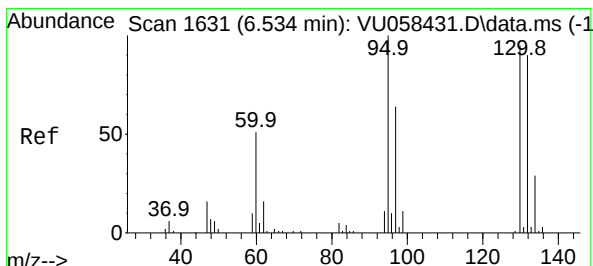
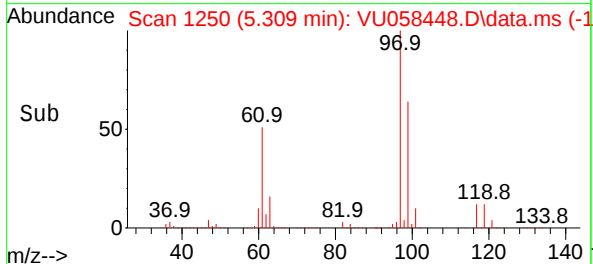
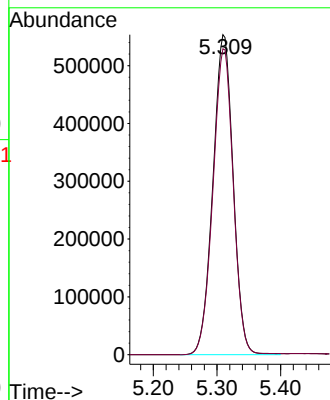
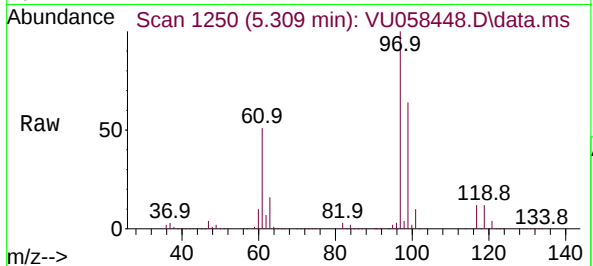




#31
Carbon tetrachloride
Concen: 142.437 ug/L
RT: 5.309 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU058448.D
Acq: 06 Apr 2024 02:55

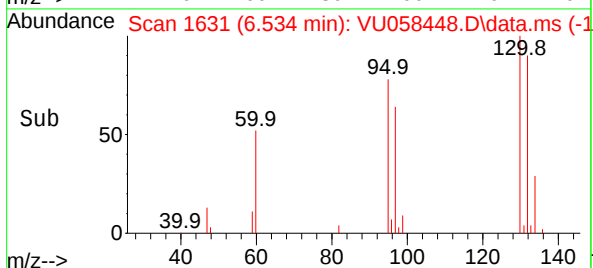
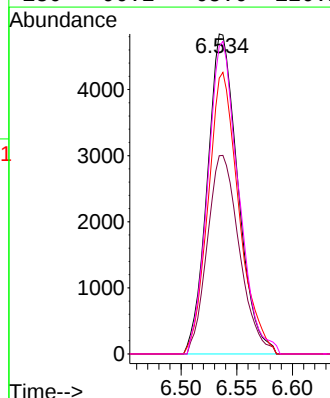
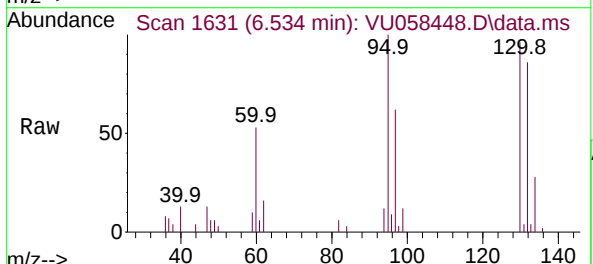
Instrument :
MSVOA_U
ClientSampleId :

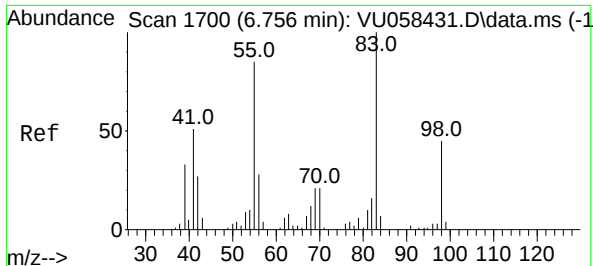
Tgt Ion:117 Resp: 1226309
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1



#34
Trichloroethene
Concen: 1.331 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU058448.D
Acq: 06 Apr 2024 02:55

Tgt Ion: 95 Resp: 9221
Ion Ratio Lower Upper
95 100
97 62.0 45.6 84.6
132 86.2 64.8 120.3
130 96.2 68.0 126.2





#35

Methylcyclohexane

Concen: 0.608 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058448.D

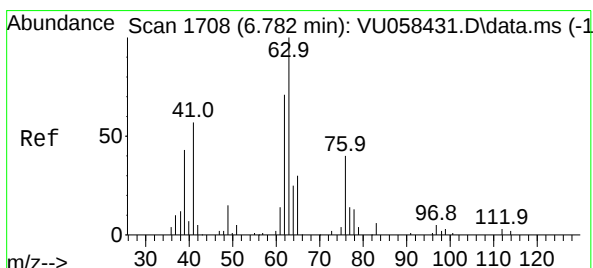
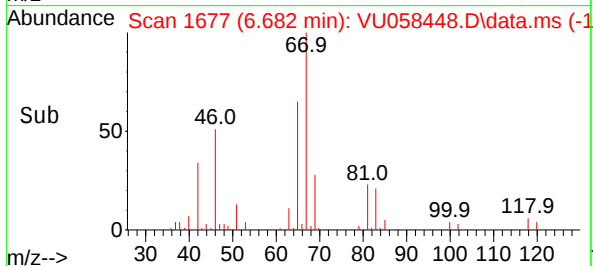
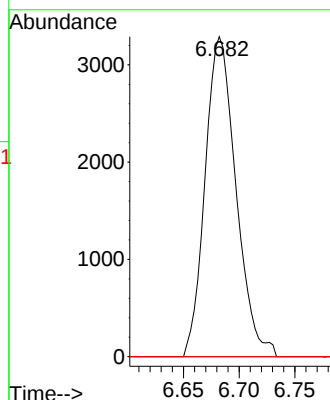
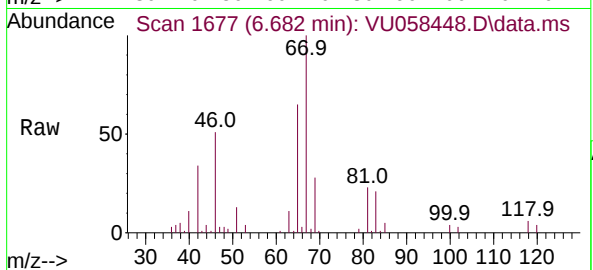
Acq: 06 Apr 2024 02:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	6344
Ion Ratio	Lower	Upper
83	100	
55	0.0	66.2 99.4#
98	15.9	34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.463 ug/L

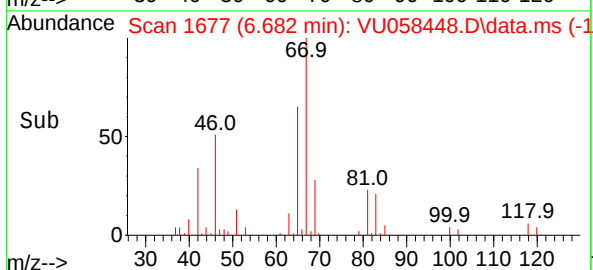
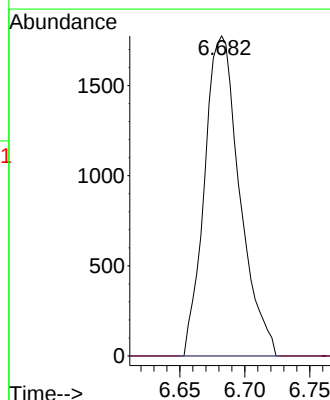
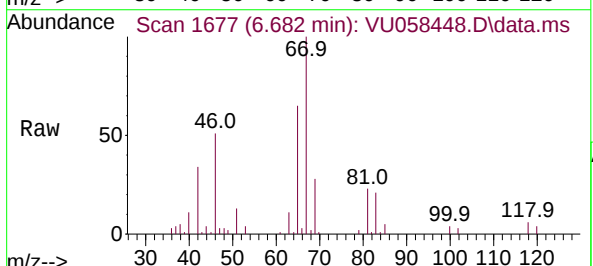
RT: 6.682 min Scan# 1677

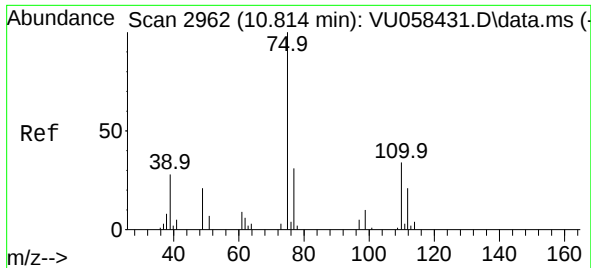
Delta R.T. -0.100 min

Lab File: VU058448.D

Acq: 06 Apr 2024 02:55

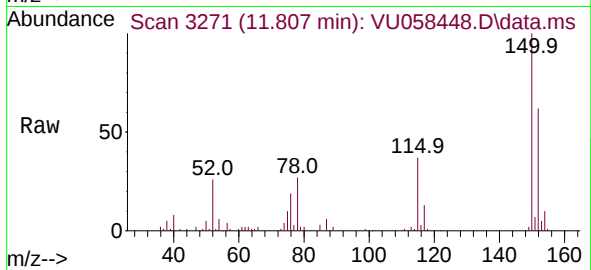
Tgt Ion: 63	Resp:	3348
Ion Ratio	Lower	Upper
63	100	
112	0.0	2.6 4.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.391 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU058448.D
 Acq: 06 Apr 2024 02:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4707
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 32.1 25.1 37.7

