

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058601.D
 Acq On : 11 Apr 2024 12:06
 Operator : MD/SY
 Sample : P1970-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ3

Quant Time: Apr 12 02:26:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

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

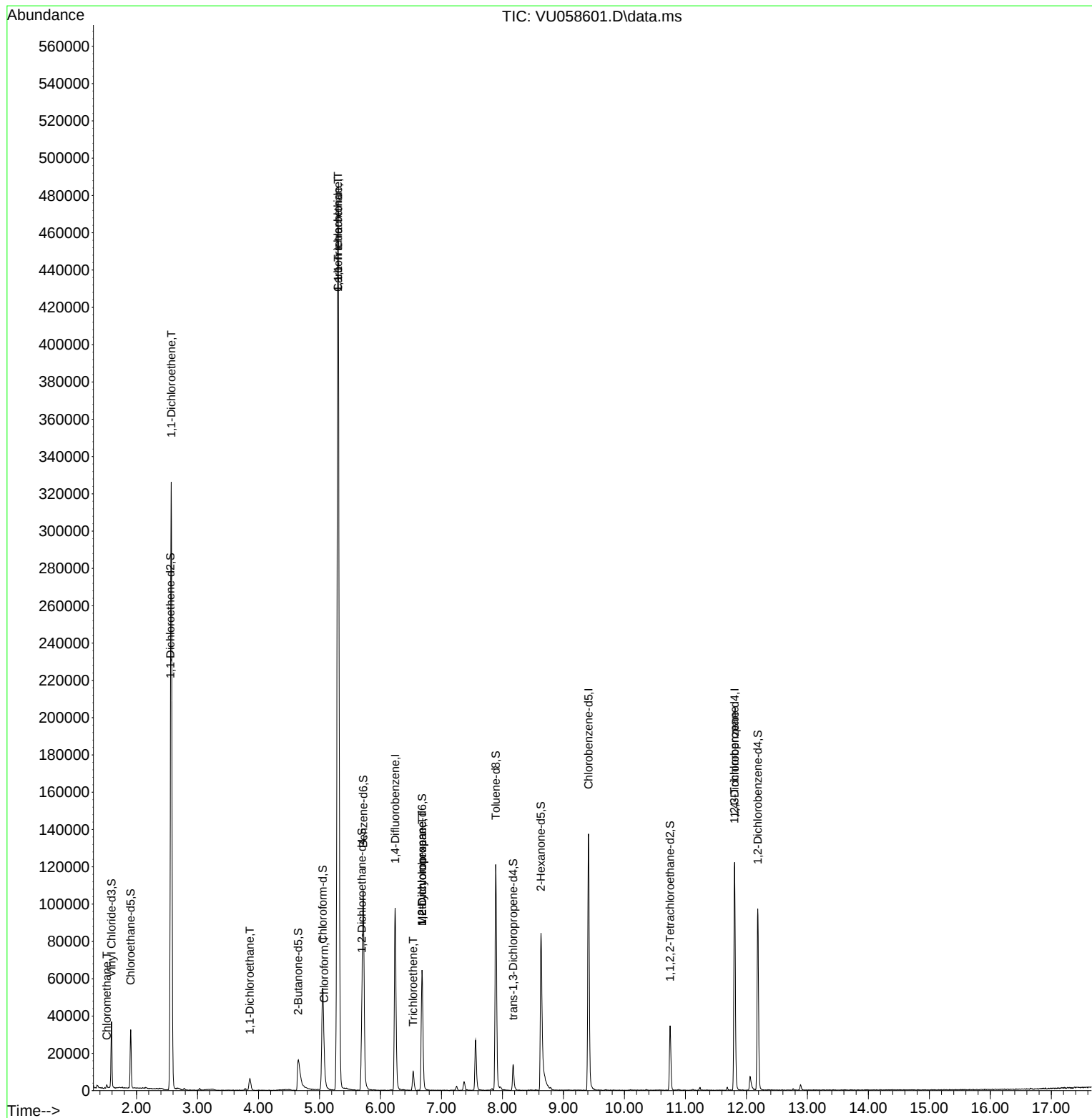
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74423	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	73295	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	23438	4.757	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.904	69	20979	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.557	65	11571	5.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.653	46	41179	39.657	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.320%
24) Chloroform-d	5.052	84	48515	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	22700	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.717	84	97554	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.682	67	31384	5.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.891	98	79028	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.177	79	8327	4.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.630	63	30941	39.052	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.100%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18388	4.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	24427	4.644	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
3) Chloromethane	1.512	50	1152	0.152	ug/L	97
12) 1,1-Dichloroethene	2.570	96	92501	17.538	ug/L #	84
19) 1,1-Dichloroethane	3.859	63	8106	0.672	ug/L	94
25) Chloroform	5.078	83	5708	0.489	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	333332	33.920	ug/L	98
31) Carbon tetrachloride	5.306	117	41196	4.950	ug/L	99
34) Trichloroethene	6.537	95	3558	0.531	ug/L	92
35) Methylcyclohexane	6.682	83	6604	0.654	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	3374	0.483	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4576	1.436	ug/L #	69

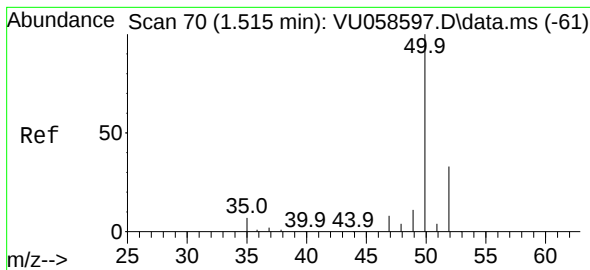
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.152 ug/L

RT: 1.512 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU058601.D

Acq: 11 Apr 2024 12:06

Instrument :

MSVOA_U

ClientSampleId :

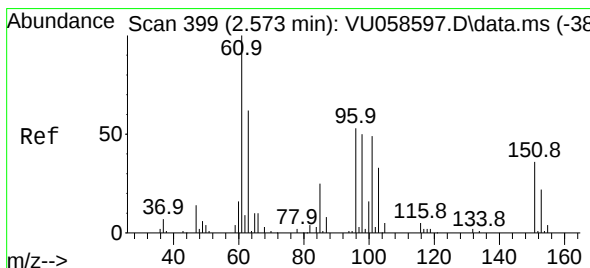
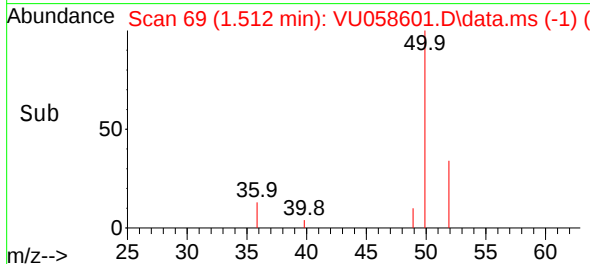
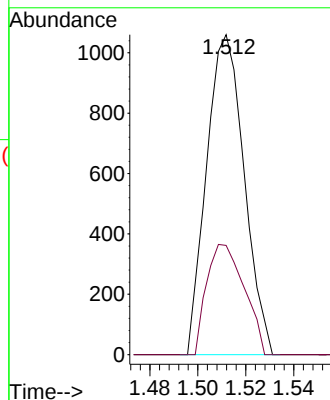
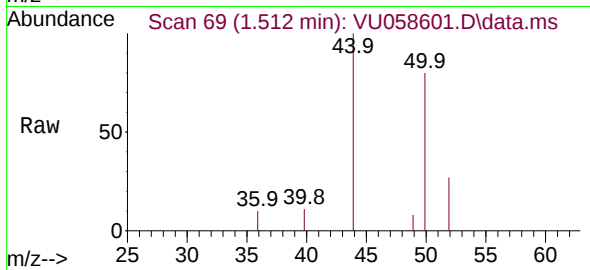
C0AJ3

Tgt Ion: 50 Resp: 1152

Ion Ratio Lower Upper

50 100

52 34.2 22.6 42.0



#12

1,1-Dichloroethene

Concen: 17.538 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU058601.D

Acq: 11 Apr 2024 12:06

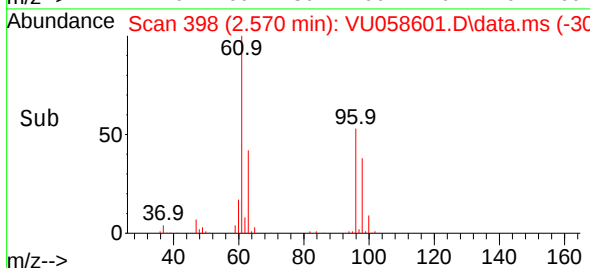
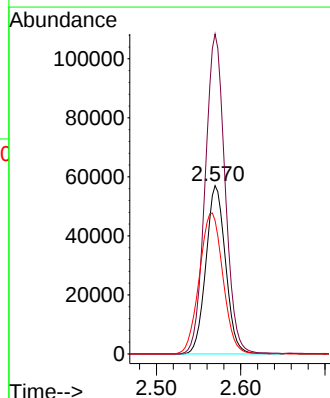
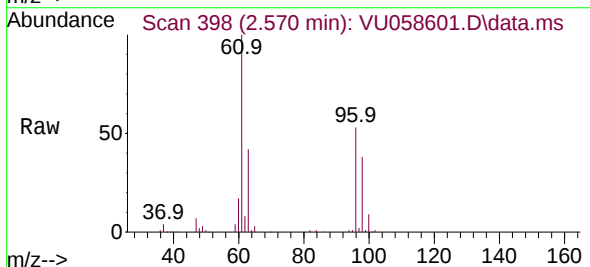
Tgt Ion: 96 Resp: 92501

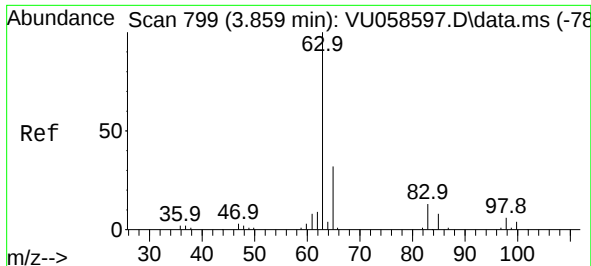
Ion Ratio Lower Upper

96 100

61 190.2 132.5 246.1

63 79.3 87.7 162.9#

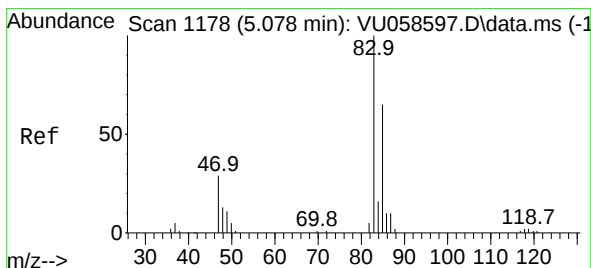
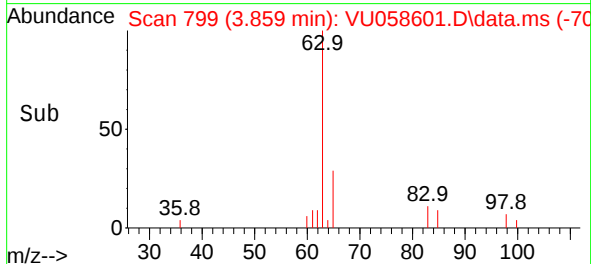
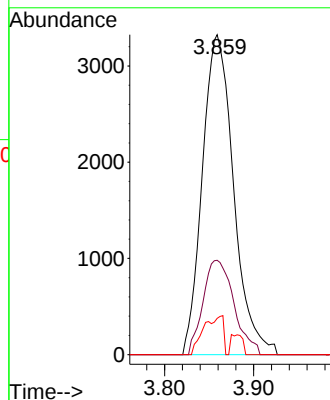
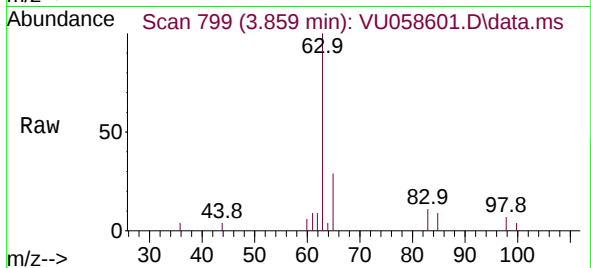




#19
1,1-Dichloroethane
Concen: 0.672 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU058601.D
Acq: 11 Apr 2024 12:06

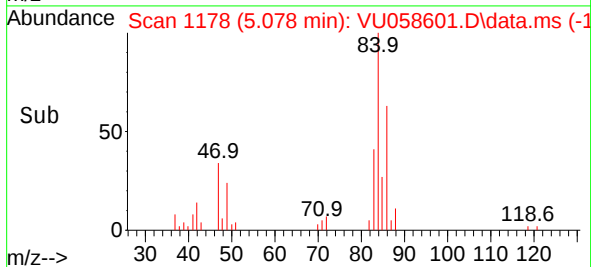
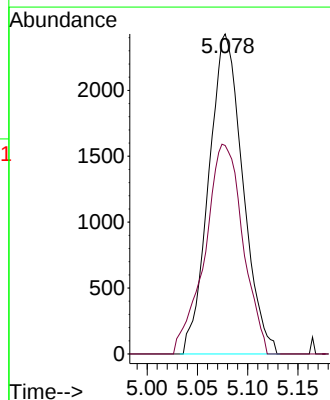
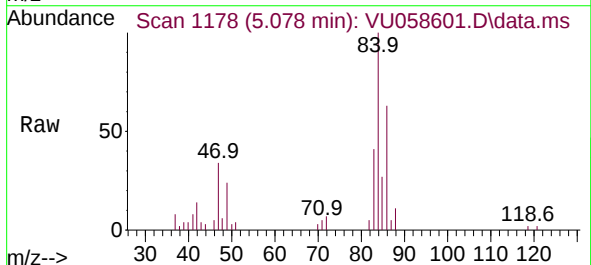
Instrument :
MSVOA_U
ClientSampleId :
C0AJ3

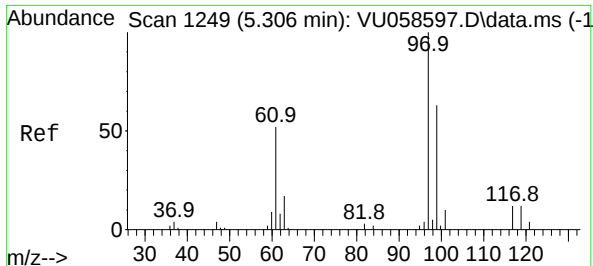
Tgt Ion: 63 Resp: 8106
Ion Ratio Lower Upper
63 100
65 29.5 22.9 42.5
83 11.4 9.6 17.8



#25
Chloroform
Concen: 0.489 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058601.D
Acq: 11 Apr 2024 12:06

Tgt Ion: 83 Resp: 5708
Ion Ratio Lower Upper
83 100
85 65.2 44.7 83.1

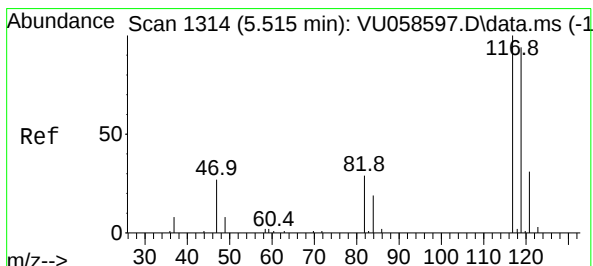
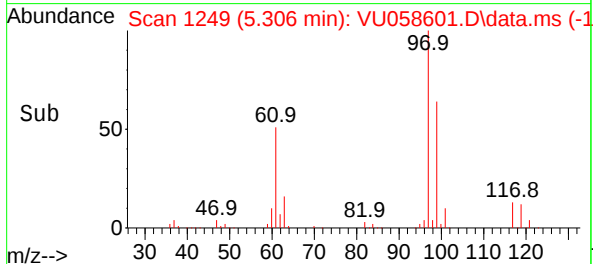
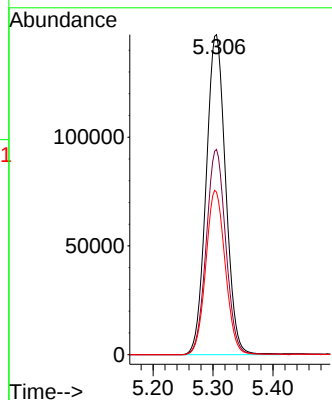
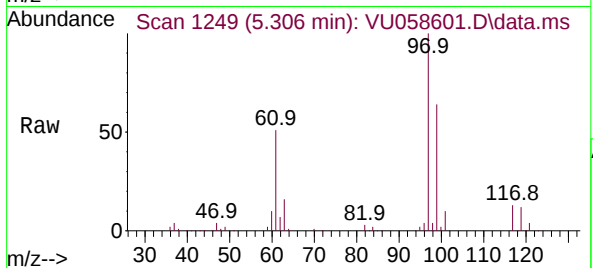




#29
1,1,1-Trichloroethane
Concen: 33.920 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058601.D
Acq: 11 Apr 2024 12:06

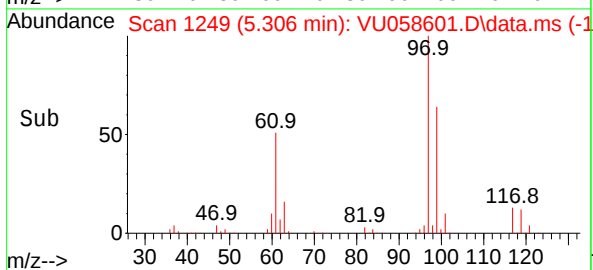
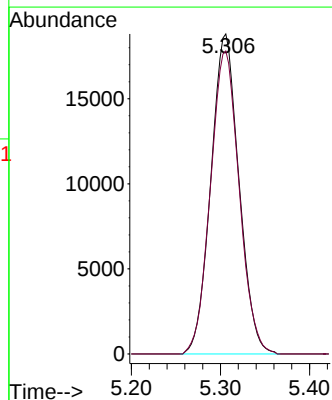
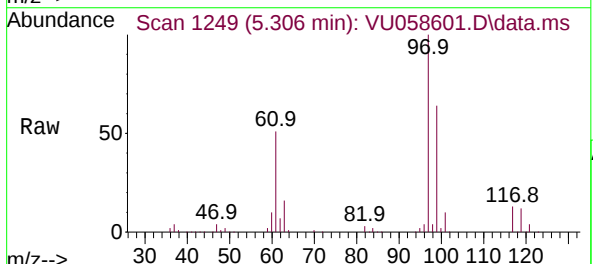
Instrument :
MSVOA_U
ClientSampleId :
C0AJ3

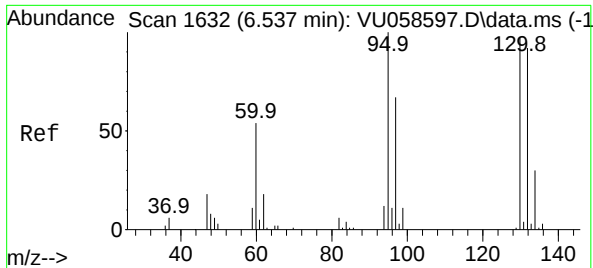
Tgt Ion: 97 Resp: 333332
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 51.1 39.4 59.0



#31
Carbon tetrachloride
Concen: 4.950 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058601.D
Acq: 11 Apr 2024 12:06

Tgt Ion:117 Resp: 41196
Ion Ratio Lower Upper
117 100
119 97.0 76.7 115.1





#34

Trichloroethene

Concen: 0.531 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058601.D

Acq: 11 Apr 2024 12:06

Instrument :

MSVOA_U

ClientSampleId :

C0AJ3

Tgt Ion: 95 Resp: 3558

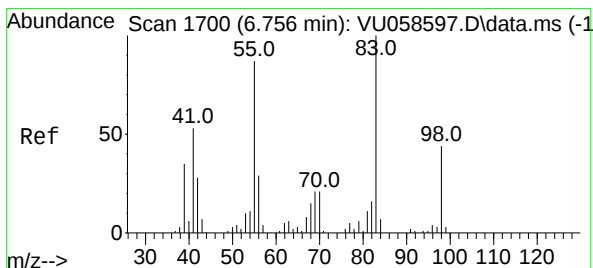
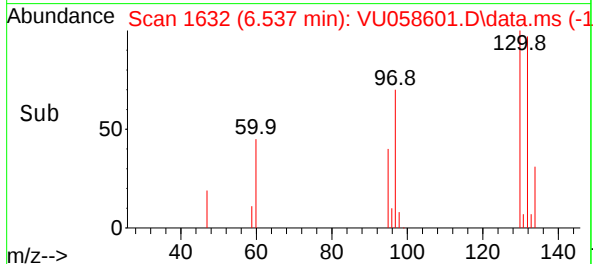
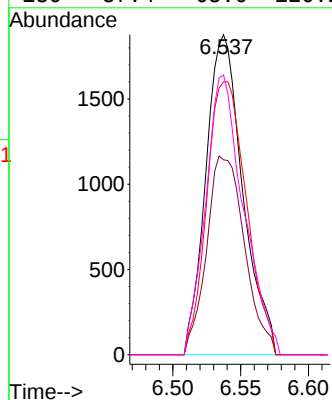
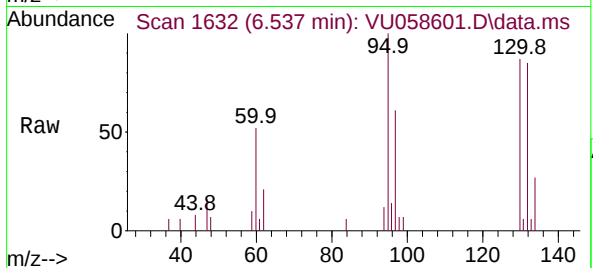
Ion Ratio Lower Upper

95 100

97 60.9 45.6 84.6

132 85.2 64.8 120.3

130 87.4 68.0 126.2



#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058601.D

Acq: 11 Apr 2024 12:06

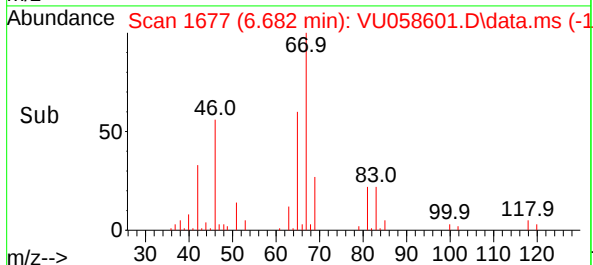
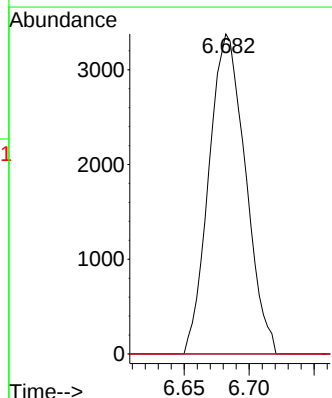
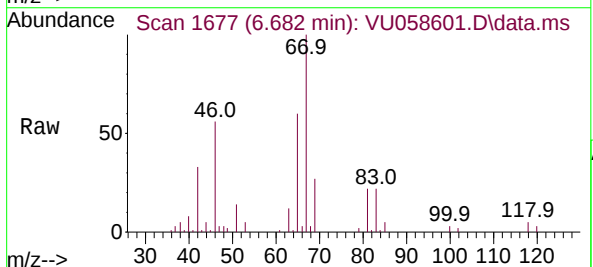
Tgt Ion: 83 Resp: 6604

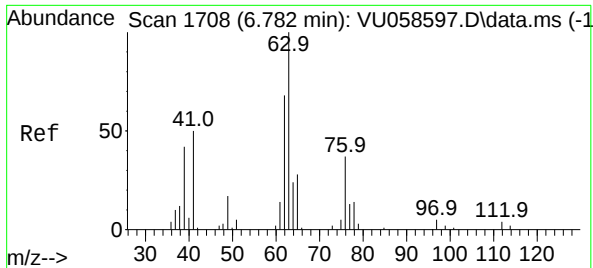
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 1.9 34.6 52.0#

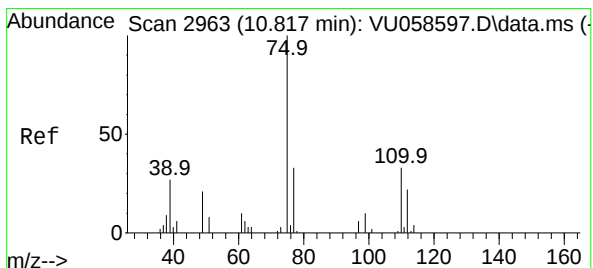
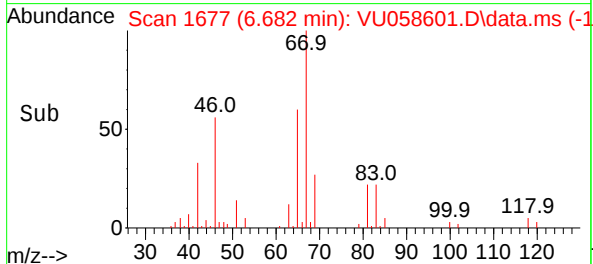
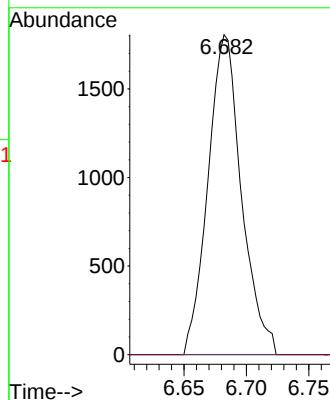
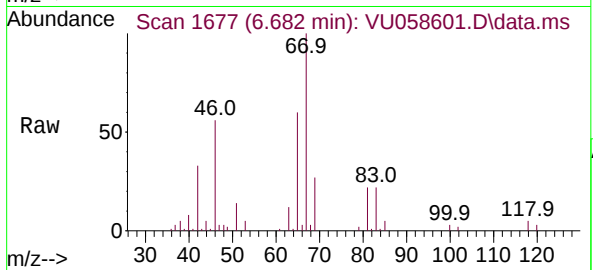




#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058601.D
Acq: 11 Apr 2024 12:06

Instrument :
MSVOA_U
ClientSampleId :
C0AJ3

Tgt Ion: 63 Resp: 3374
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.436 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU058601.D
Acq: 11 Apr 2024 12:06

Tgt Ion: 75 Resp: 4576
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 33.3 25.1 37.7

