

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058471.D
 Acq On : 08 Apr 2024 16:13
 Operator : MD/SY
 Sample : P1948-18DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:26:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

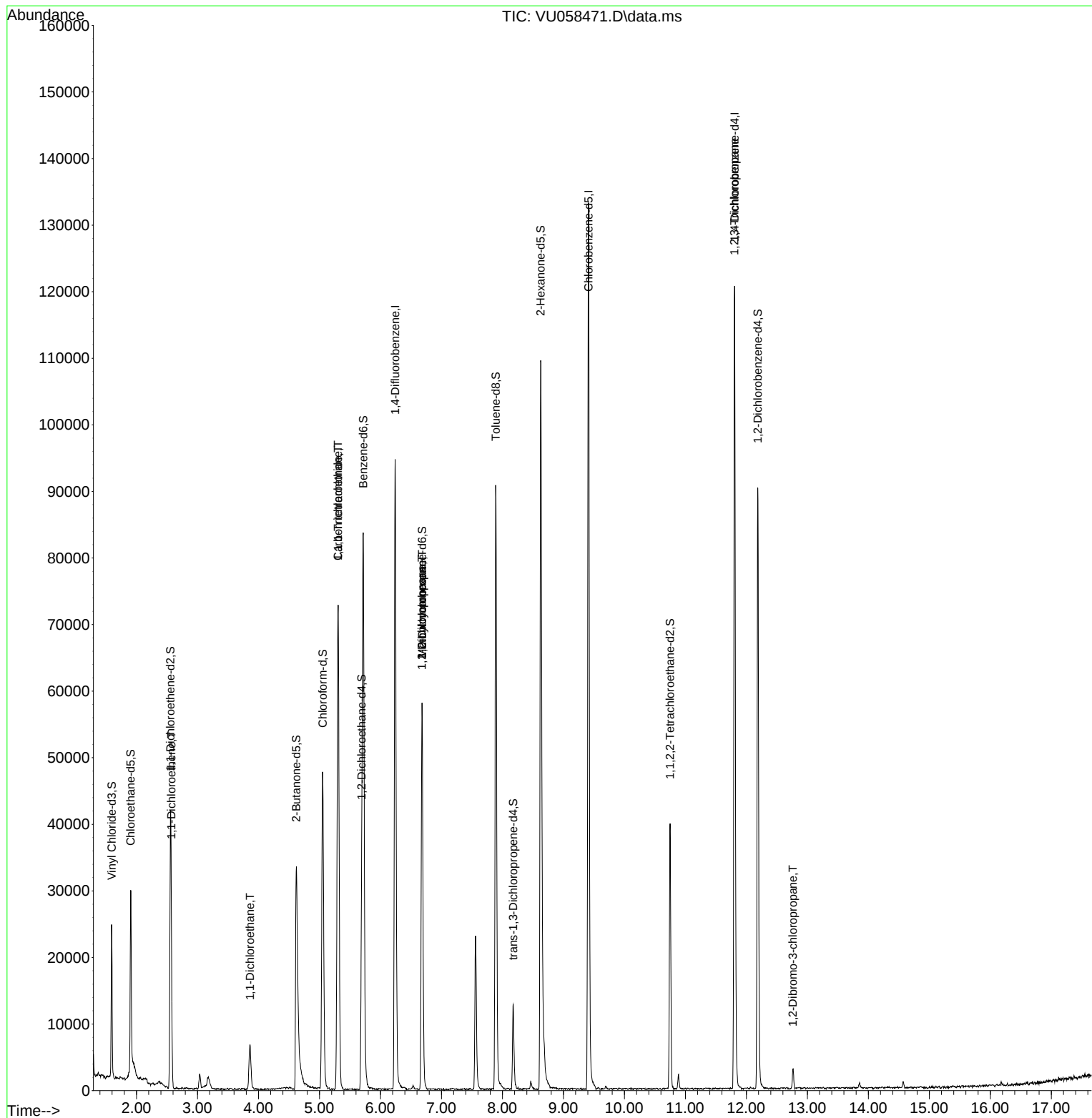
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15724	3.181	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.904	69	18096	4.212	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.557	65	7094	3.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	4.621	46	56271	54.017	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.040%
24) Chloroform-d	5.052	84	44198	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.692	65	21572	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.718	84	77007	3.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.682	67	27574	4.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.891	98	60393	3.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.177	79	7470	3.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.627	63	38843	49.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20684	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	23680	4.428	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	3180	0.601	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	8620	0.712	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	51634	5.283	ug/L	98
31) Carbon tetrachloride	5.306	117	6344	0.766	ug/L	98
35) Methylcyclohexane	6.682	83	5716	0.570	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3056	0.440	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4376	1.351	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.759	75	44	0.080	ug/L #	4

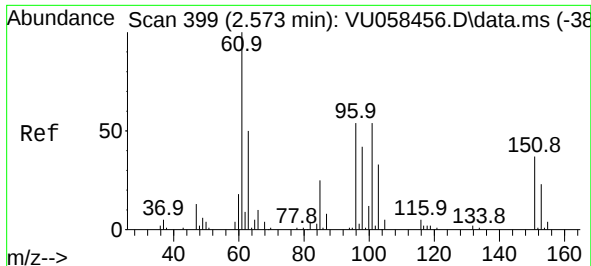
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.601 ug/L

RT: 2.570 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU058471.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_U

ClientSampleId :

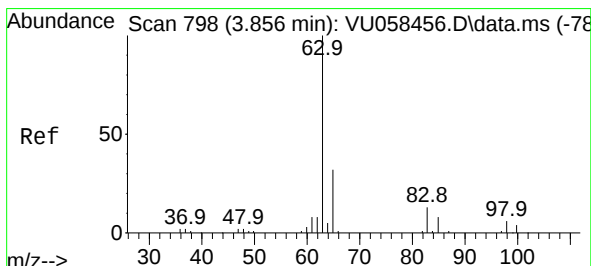
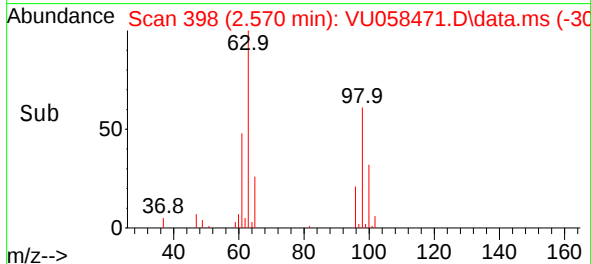
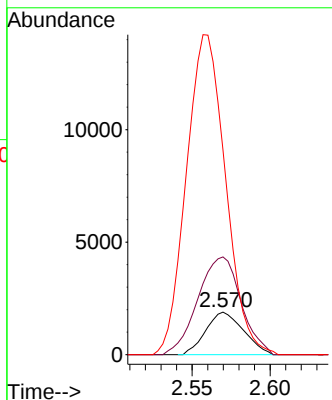
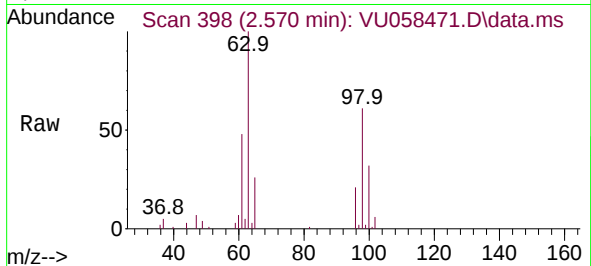
Tgt Ion: 96 Resp: 3180

Ion Ratio Lower Upper

96 100

61 229.9 132.5 246.1

63 480.5 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 0.712 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.007 min

Lab File: VU058471.D

Acq: 08 Apr 2024 16:13

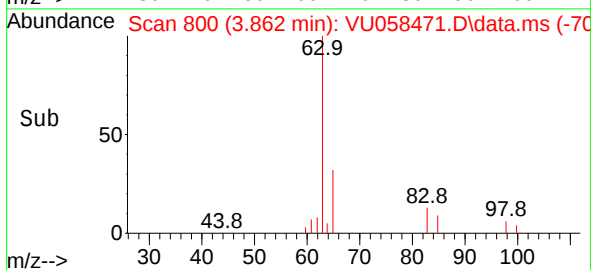
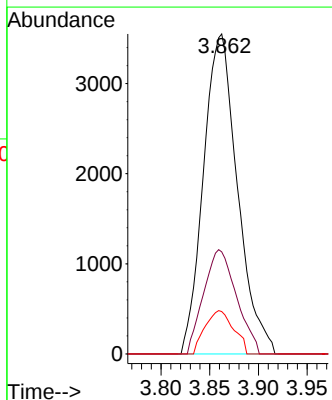
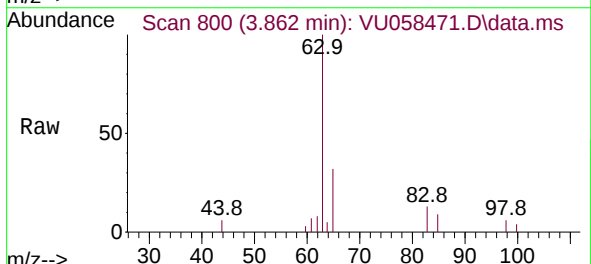
Tgt Ion: 63 Resp: 8620

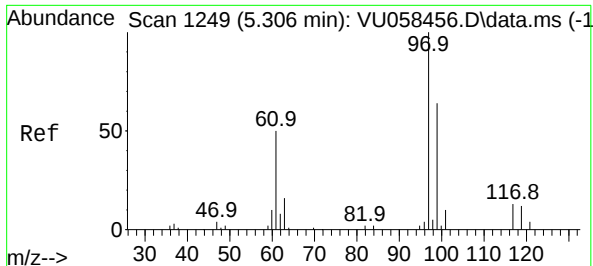
Ion Ratio Lower Upper

63 100

65 30.5 22.9 42.5

83 12.7 9.6 17.8

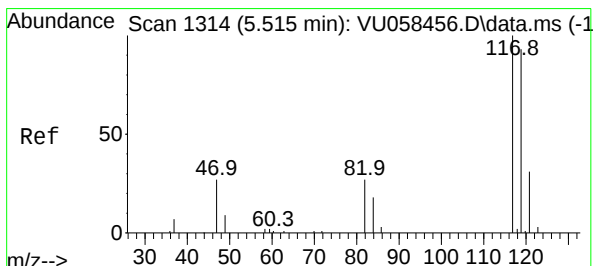
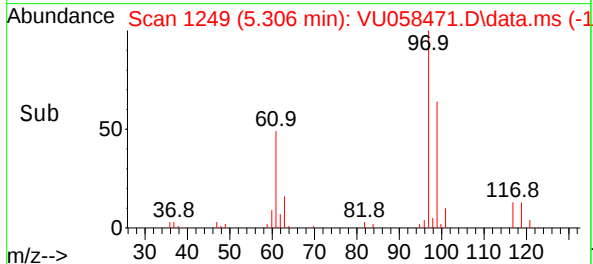
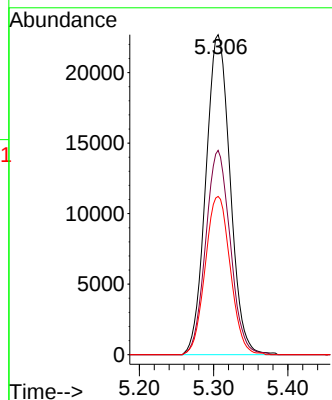
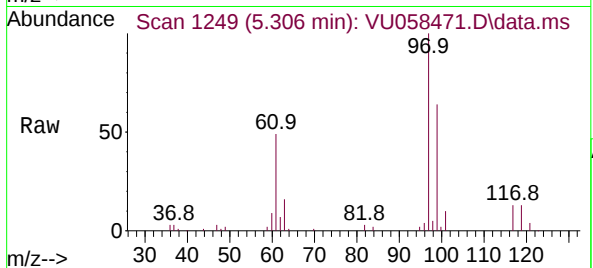




#29
1,1,1-Trichloroethane
Concen: 5.283 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058471.D
Acq: 08 Apr 2024 16:13

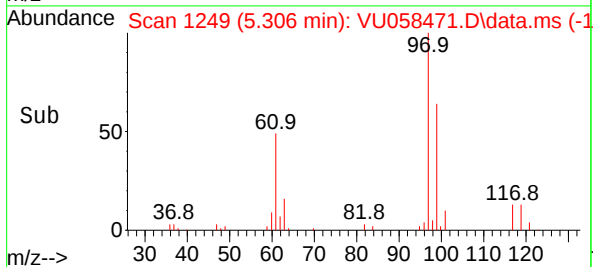
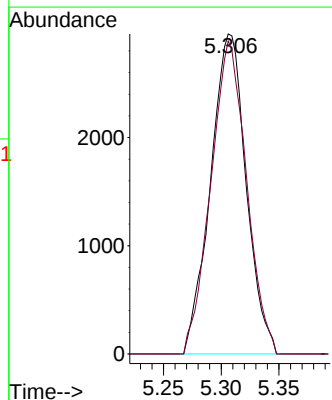
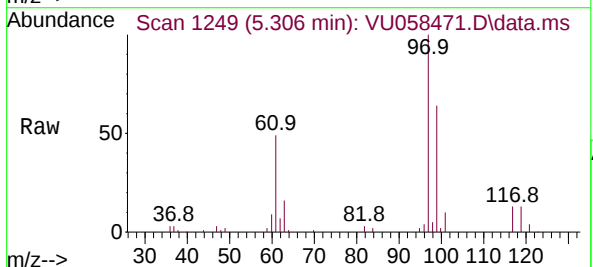
Instrument :
MSVOA_U
ClientSampleId :

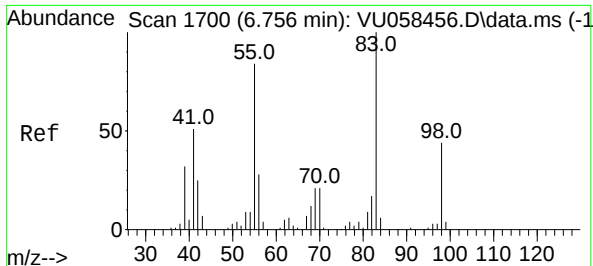
Tgt Ion: 97 Resp: 51634
Ion Ratio Lower Upper
97 100
99 64.5 50.4 75.6
61 50.9 39.4 59.0



#31
Carbon tetrachloride
Concen: 0.766 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058471.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 117 Resp: 6344
Ion Ratio Lower Upper
117 100
119 98.0 76.7 115.1





#35

Methylcyclohexane

Concen: 0.570 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058471.D

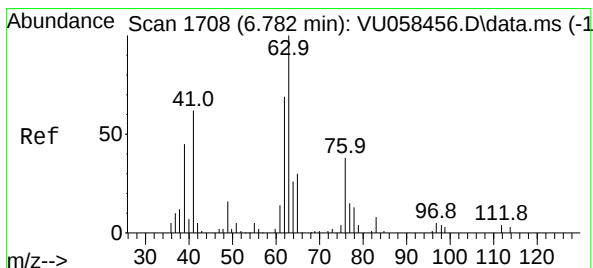
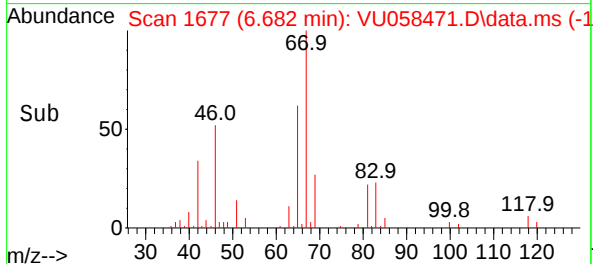
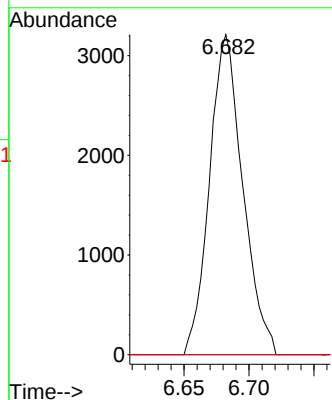
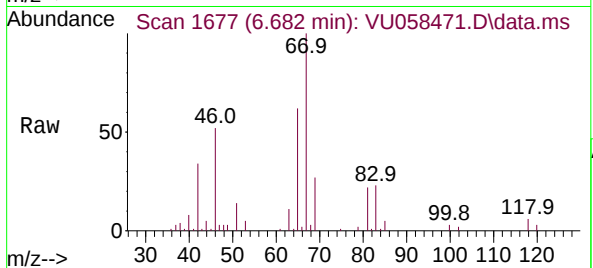
Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 5716
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: 0.440 ug/L

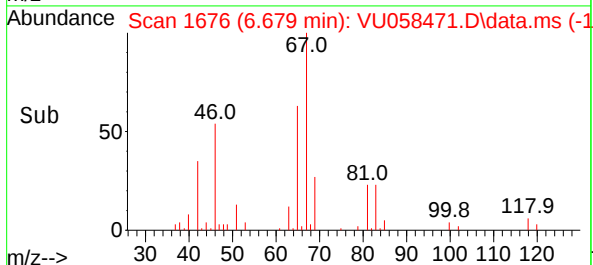
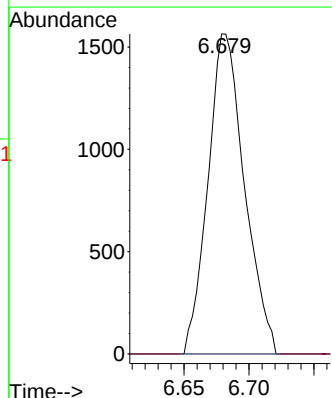
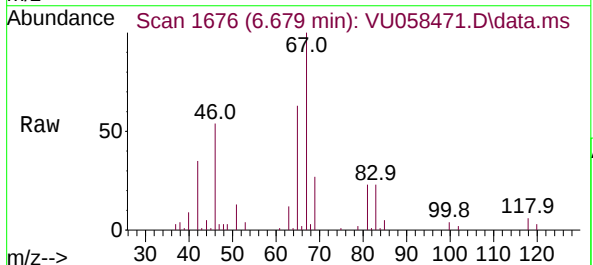
RT: 6.679 min Scan# 1676

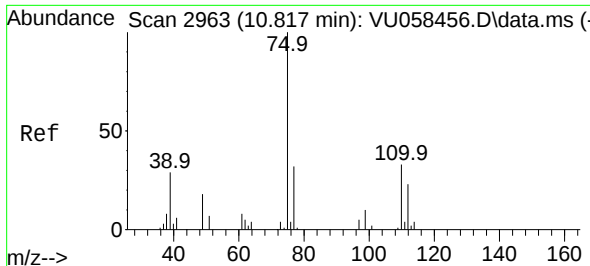
Delta R.T. -0.103 min

Lab File: VU058471.D

Acq: 08 Apr 2024 16:13

Tgt Ion: 63	Resp: 3056
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 4.0#





#61

1,2,3-Trichloropropane

Concen: 1.351 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU058471.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_U

ClientSampleId :

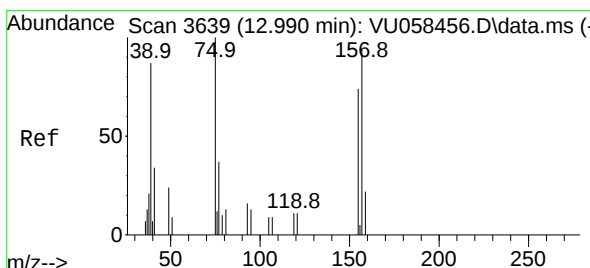
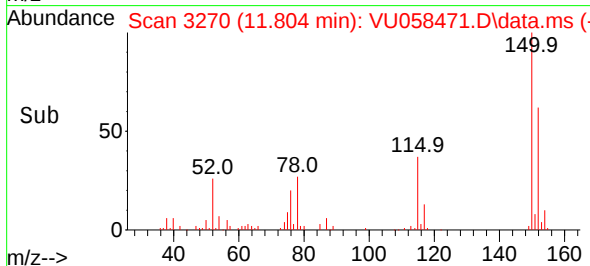
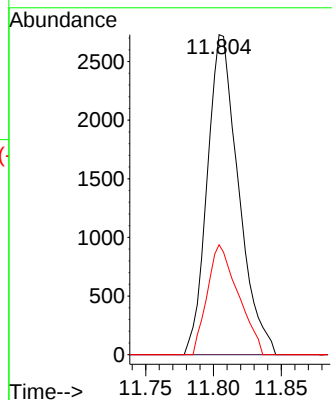
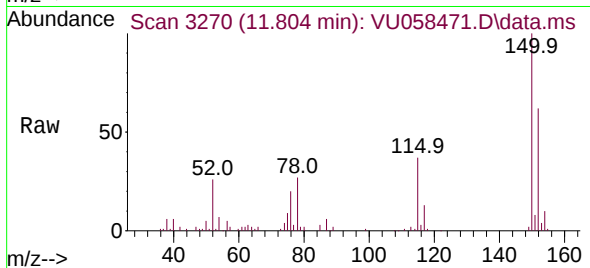
Tgt Ion: 75 Resp: 4376

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 33.8 25.1 37.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.080 ug/L

RT: 12.759 min Scan# 3567

Delta R.T. -0.231 min

Lab File: VU058471.D

Acq: 08 Apr 2024 16:13

Tgt Ion: 75 Resp: 44

Ion Ratio Lower Upper

75 100

155 0.0 61.4 92.0#

157 0.0 81.7 122.5#

