

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058417.D
 Acq On : 05 Apr 2024 14:02
 Operator : MD/SY
 Sample : P1948-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:36:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

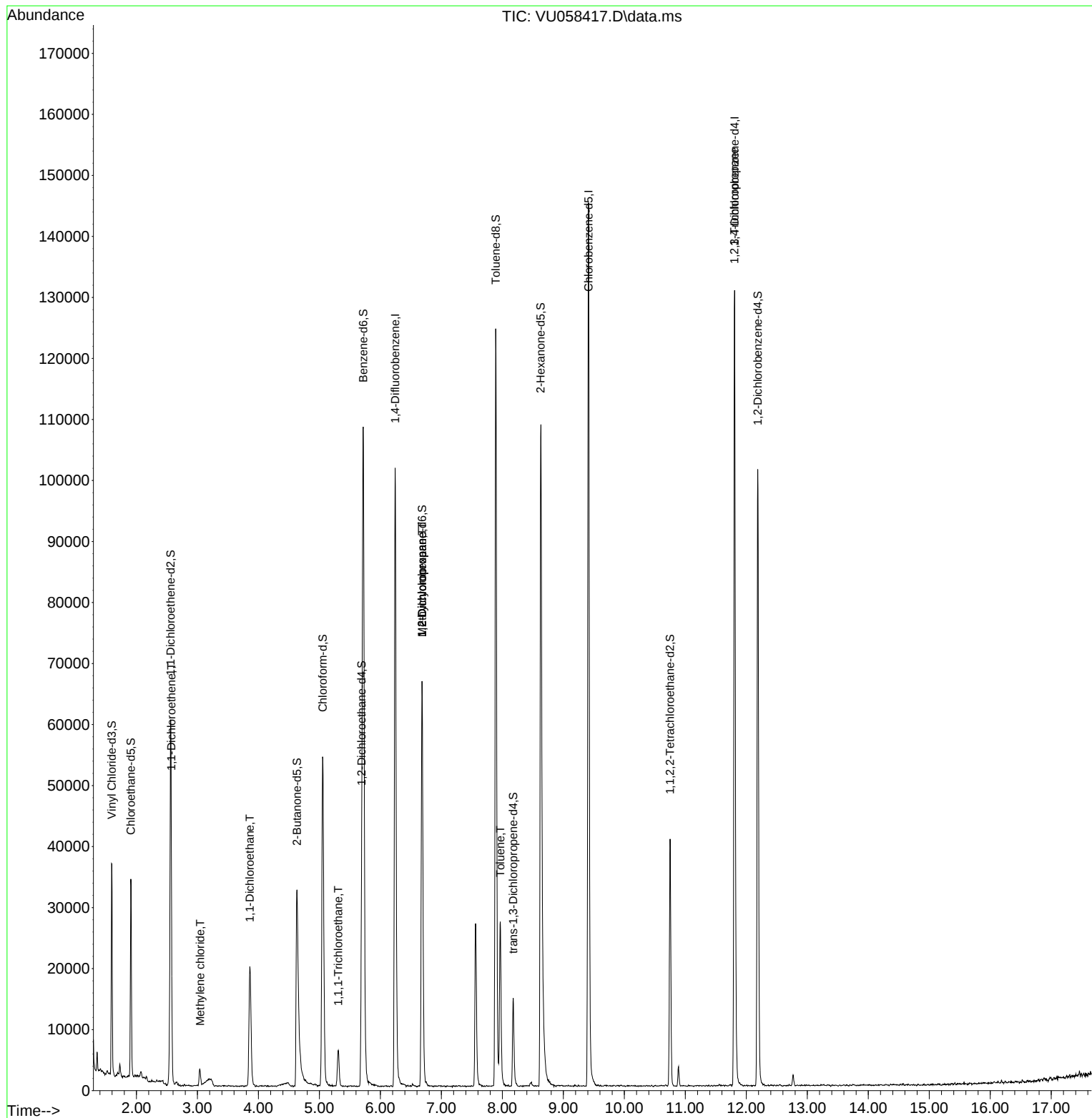
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	79486	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24040	4.568	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	91.400%		
7) Chloroethane-d5	1.908	69	22124	4.838	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	96.800%		
11) 1,1-Dichloroethene-d2	2.560	65	11345	4.763	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	95.200%		
20) 2-Butanone-d5	4.631	46	57137	51.521	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	103.040%		
24) Chloroform-d	5.052	84	51435	4.896	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.000%		
26) 1,2-Dichloroethane-d4	5.692	65	24843	5.067	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	101.400%		
32) Benzene-d6	5.718	84	100728	4.756	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.200%		
36) 1,2-Dichloropropane-d6	6.682	67	32514	4.895	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.000%		
41) Toluene-d8	7.891	98	84039	4.474	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	89.400%		
43) trans-1,3-Dichloroprop...	8.177	79	8804	4.270	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	85.400%		
46) 2-Hexanone-d5	8.627	63	39675	46.654	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	93.300%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20842	4.445	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	88.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	27061	4.563	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	91.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	1158	0.206	ug/L #	1
16) Methylene chloride	3.043	84	1225	0.164	ug/L	91
19) 1,1-Dichloroethane	3.859	63	24184	1.877	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	4531	0.430	ug/L	99
35) Methylcyclohexane	6.682	83	6809	0.629	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3465	0.462	ug/L #	90
42) Toluene	7.965	91	20657	0.691	ug/L	100
61) 1,2,3-Trichloropropane	11.804	75	4911	1.367	ug/L #	67

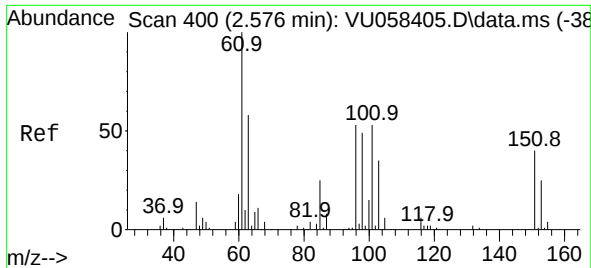
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.206 ug/L

RT: 2.570 min Scan# 30

Delta R.T. -0.006 min

Lab File: VU058417.D

Acq: 05 Apr 2024 14:02

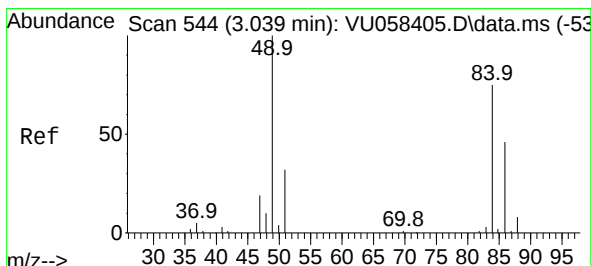
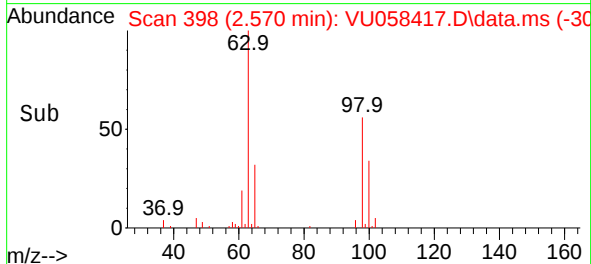
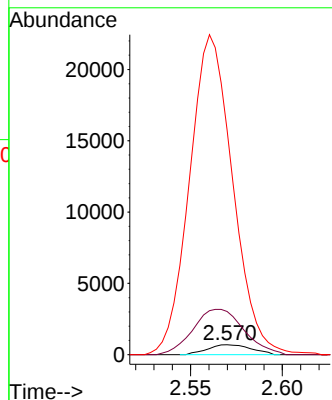
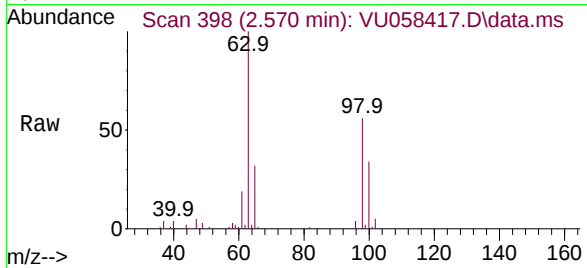
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1158

Ion	Ratio	Lower	Upper
96	100		
61	436.9	132.5	246.1#
63	2270.7	87.7	162.9#



#16

Methylene chloride

Concen: 0.164 ug/L

RT: 3.043 min Scan# 545

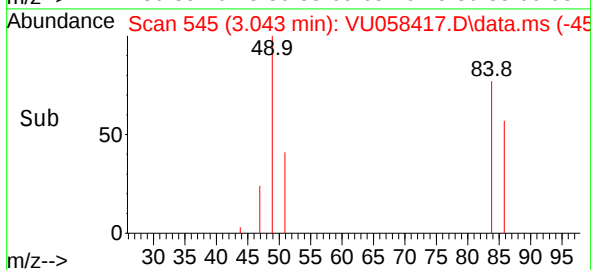
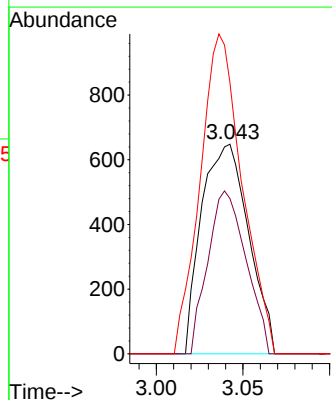
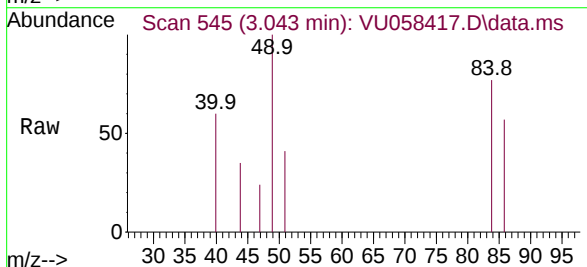
Delta R.T. 0.003 min

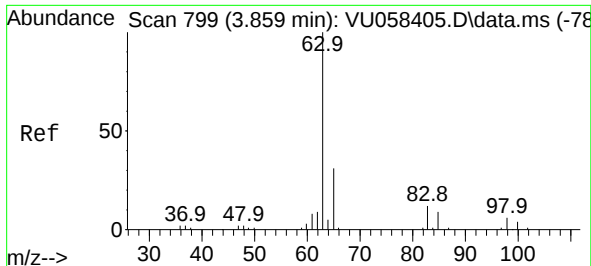
Lab File: VU058417.D

Acq: 05 Apr 2024 14:02

Tgt Ion: 84 Resp: 1225

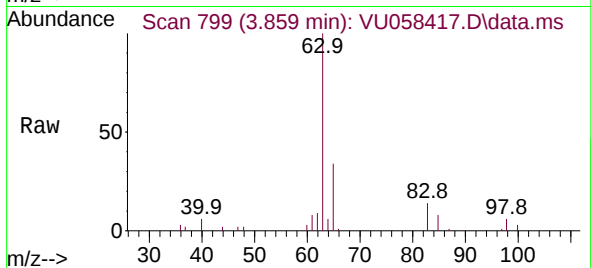
Ion	Ratio	Lower	Upper
84	100		
86	74.1	44.3	82.3
49	129.3	96.0	178.2



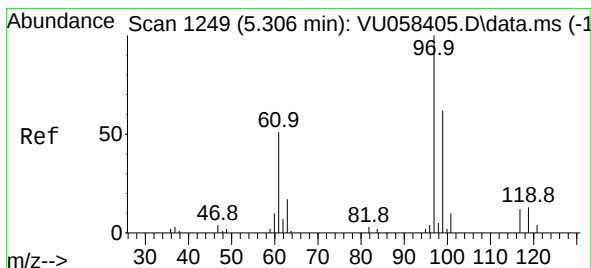
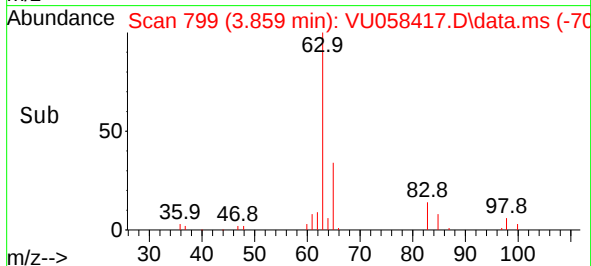
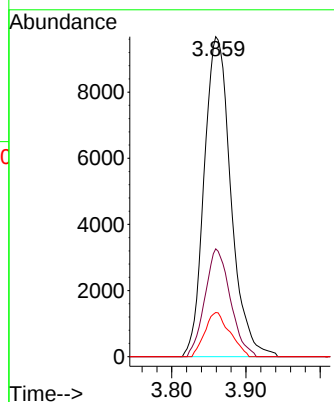


#19
1,1-Dichloroethane
Concen: 1.877 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058417.D
Acq: 05 Apr 2024 14:02

Instrument :
MSVOA_U
ClientSampleId :

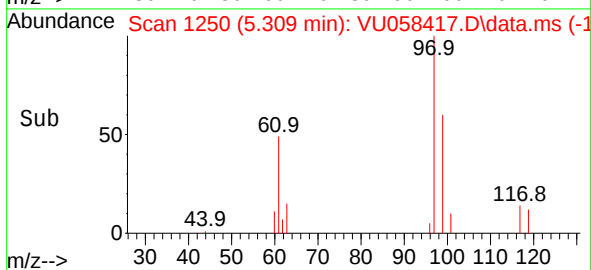
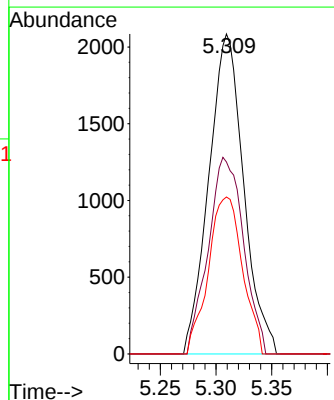
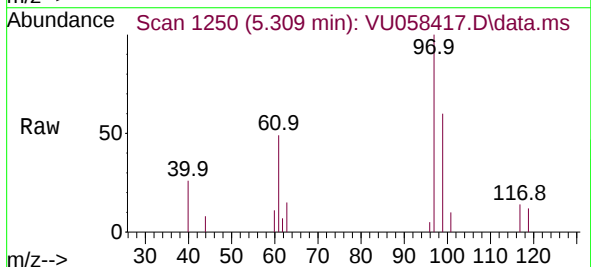


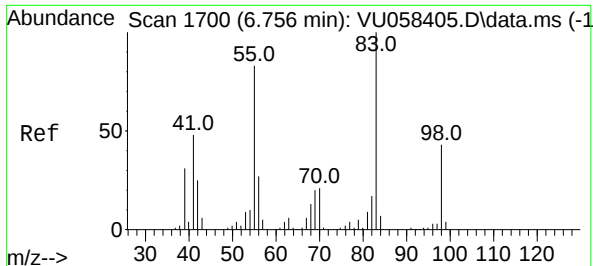
Tgt Ion:	63	Resp:	24184
Ion Ratio	Lower	Upper	
63	100		
65	33.7	22.9	42.5
83	13.8	9.6	17.8



#29
1,1,1-Trichloroethane
Concen: 0.430 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU058417.D
Acq: 05 Apr 2024 14:02

Tgt Ion:	97	Resp:	4531
Ion Ratio	Lower	Upper	
97	100		
99	62.4	50.4	75.6
61	48.2	39.4	59.0





#35

Methylcyclohexane

Concen: 0.629 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058417.D

Acq: 05 Apr 2024 14:02

Instrument :

MSVOA_U

ClientSampleId :

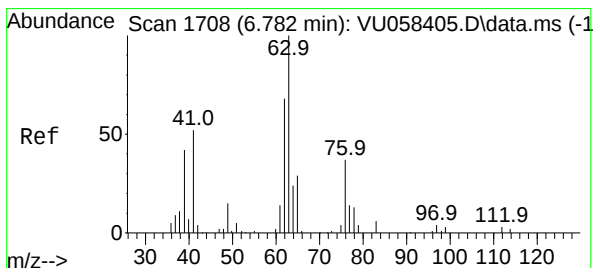
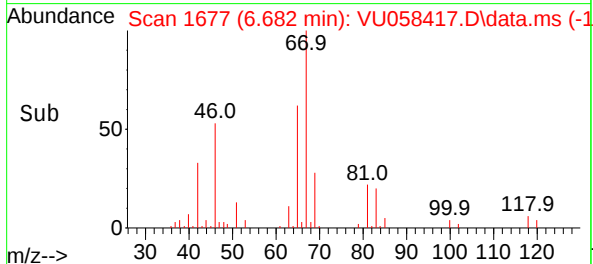
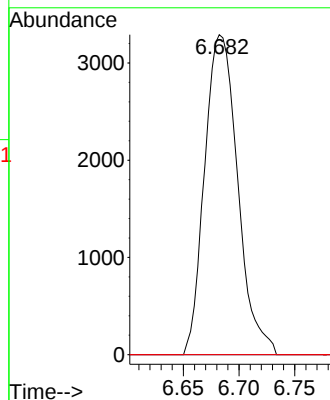
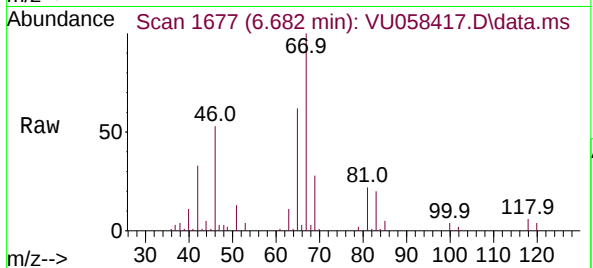
Tgt Ion: 83 Resp: 6809

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: 0.462 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058417.D

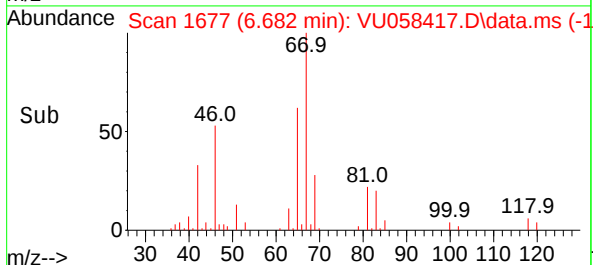
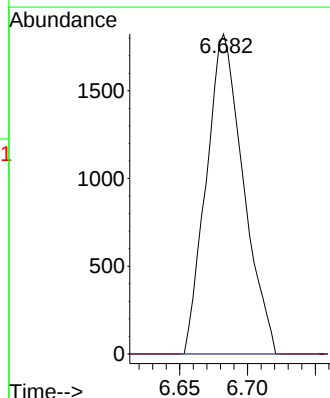
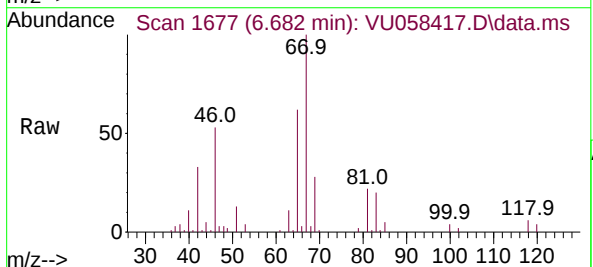
Acq: 05 Apr 2024 14:02

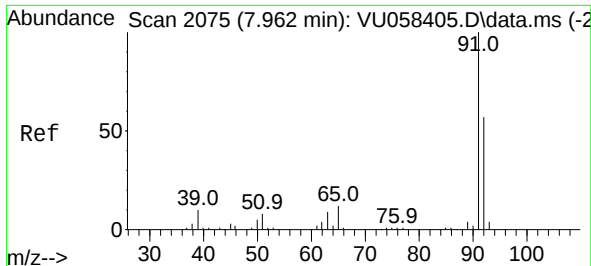
Tgt Ion: 63 Resp: 3465

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#42

Toluene

Concen: 0.691 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058417.D

Acq: 05 Apr 2024 14:02

Instrument :

MSVOA_U

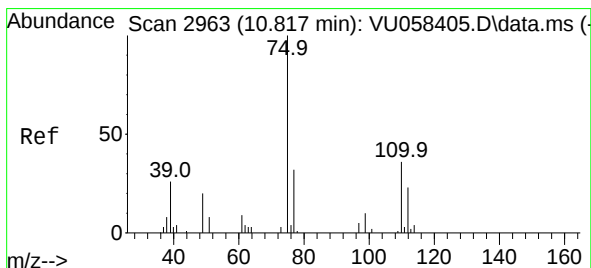
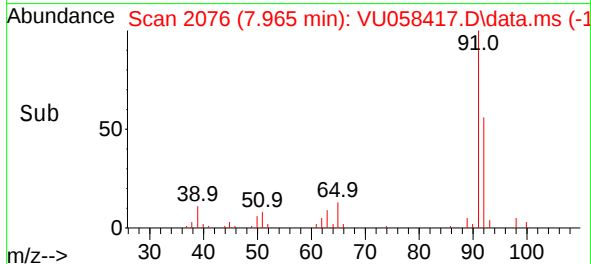
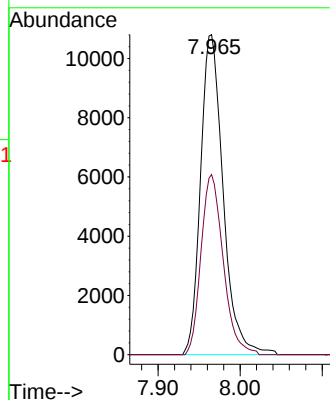
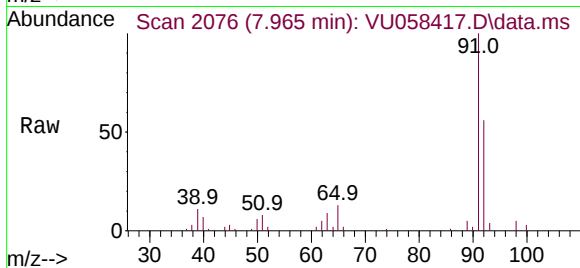
ClientSampleId :

Tgt Ion: 91 Resp: 20657

Ion Ratio Lower Upper

91 100

92 56.3 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 1.367 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058417.D

Acq: 05 Apr 2024 14:02

Tgt Ion: 75 Resp: 4911

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6

77 26.7 25.1 37.7

