

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058554.D
 Acq On : 10 Apr 2024 13:01
 Operator : MD/SY
 Sample : P1970-18 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:30:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

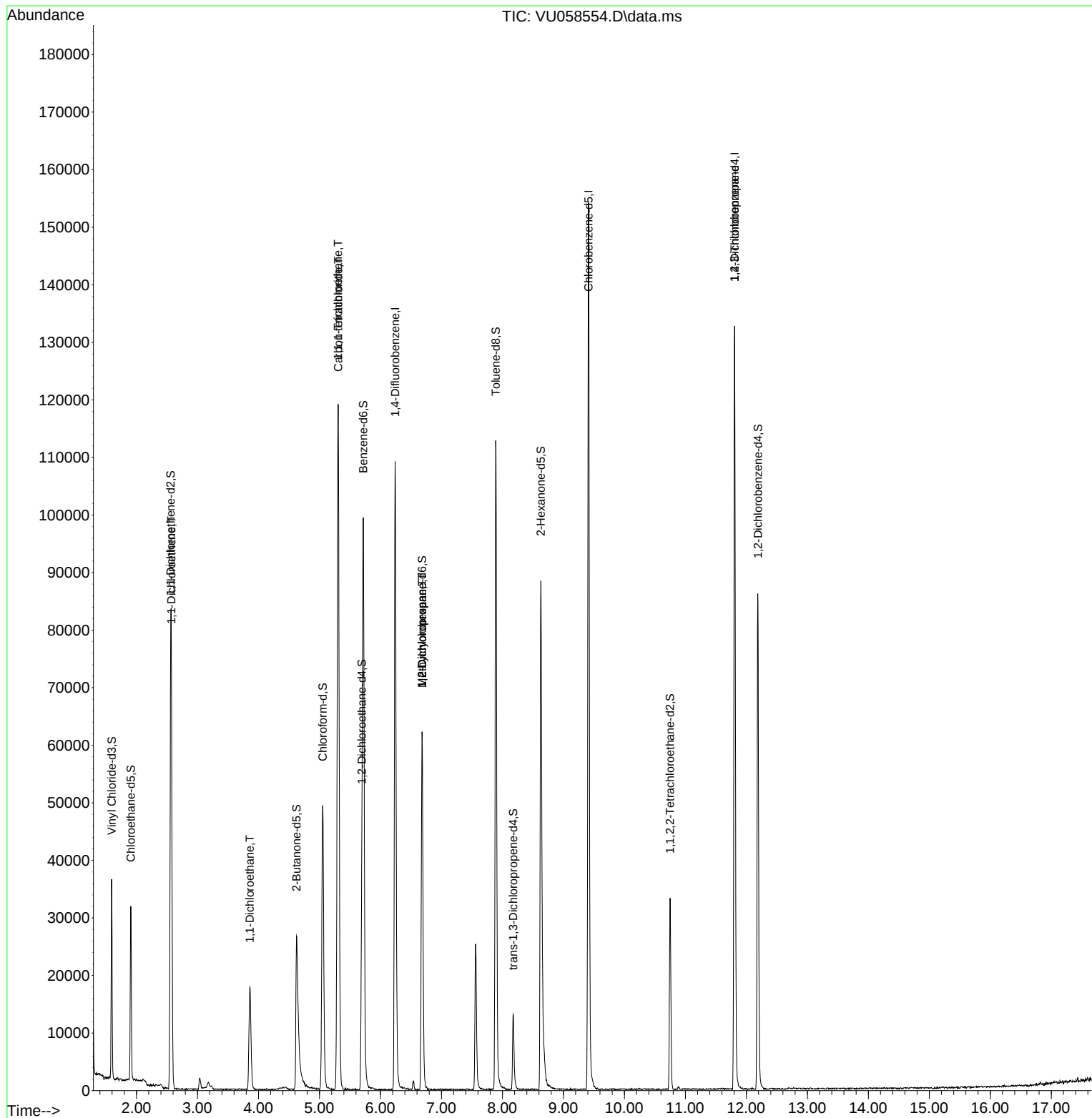
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85157	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	81929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22964	4.073	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.400%		
7) Chloroethane-d5	1.907	69	20474	4.179	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	83.600%		
11) 1,1-Dichloroethene-d2	2.560	65	10742	4.210	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	84.200%		
20) 2-Butanone-d5	4.624	46	46587	39.210	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	78.420%		
24) Chloroform-d	5.052	84	46064	4.093	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	81.800%		
26) 1,2-Dichloroethane-d4	5.695	65	22791	4.339	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.800%		
32) Benzene-d6	5.718	84	90692	4.112	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	82.200%		
36) 1,2-Dichloropropane-d6	6.682	67	29224	4.225	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	84.400%		
41) Toluene-d8	7.891	98	75403	3.855	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	77.000%		
43) trans-1,3-Dichloroprop...	8.177	79	8131	3.787	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	75.800%		
46) 2-Hexanone-d5	8.631	63	30499	34.438	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	68.880%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17181	3.518	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	70.400%		
66) 1,2-Dichlorobenzene-d4	12.190	152	22456	3.824	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	76.400%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	14877	2.465	ug/L #	79
19) 1,1-Dichloroethane	3.859	63	21807	1.580	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	83451	7.597	ug/L	97
31) Carbon tetrachloride	5.309	117	10672	1.147	ug/L	96
35) Methylcyclohexane	6.682	83	6347	0.563	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3220	0.412	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4659	1.309	ug/L #	72

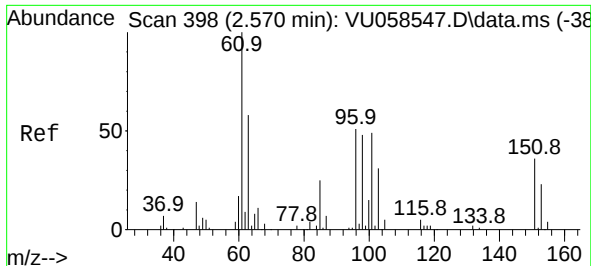
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 11 01:28:06 2024
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#12

1,1-Dichloroethene

Concen: 2.465 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU058554.D

Acq: 10 Apr 2024 13:01

Instrument :

MSVOA_U

ClientSampleId :

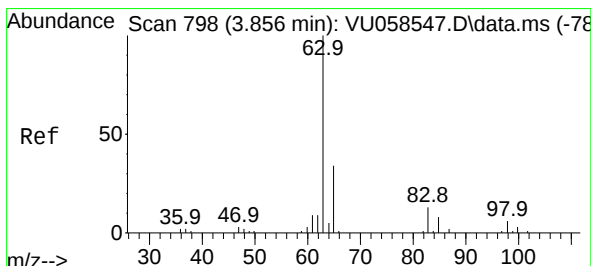
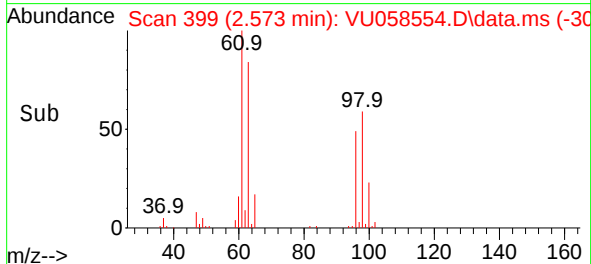
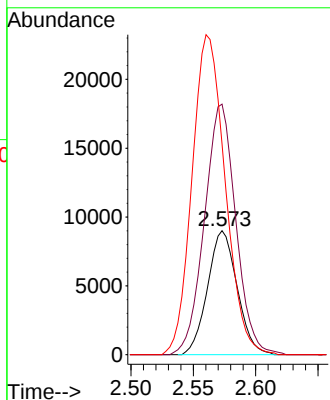
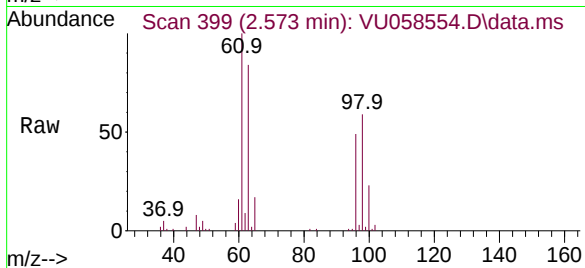
Tgt Ion: 96 Resp: 14877

Ion Ratio Lower Upper

96 100

61 202.2 132.5 246.1

63 169.9 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 1.580 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU058554.D

Acq: 10 Apr 2024 13:01

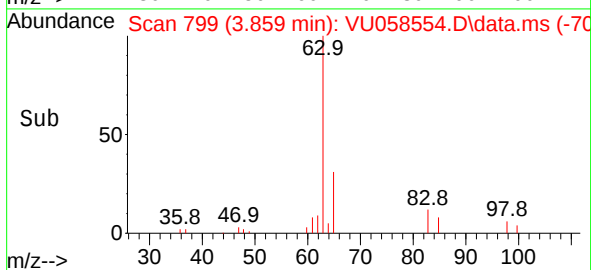
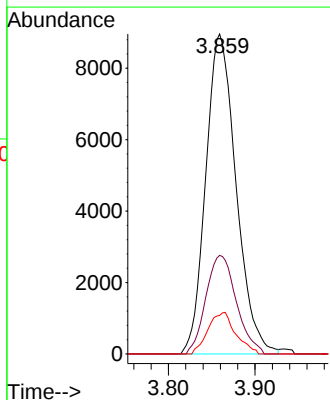
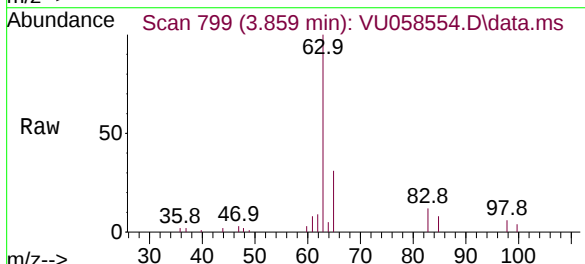
Tgt Ion: 63 Resp: 21807

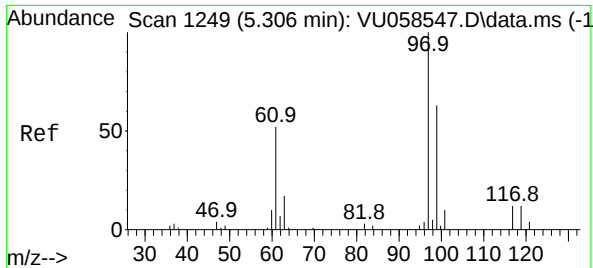
Ion Ratio Lower Upper

63 100

65 30.8 22.9 42.5

83 12.0 9.6 17.8

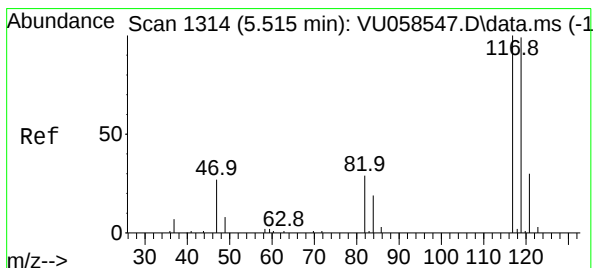
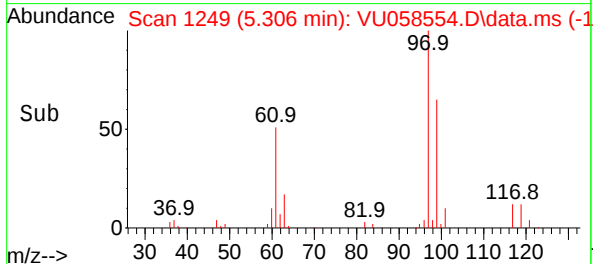
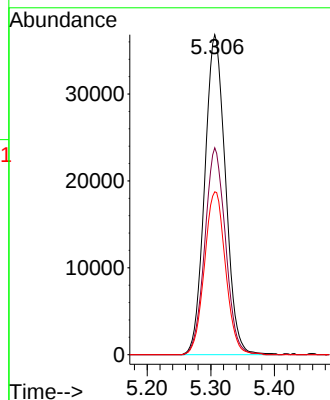
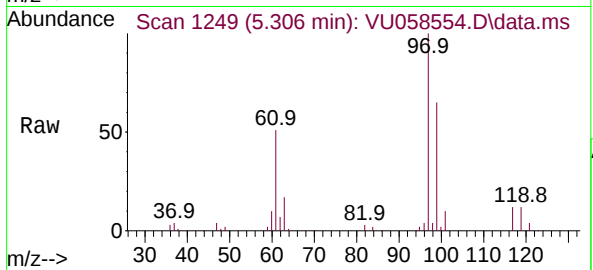




#29
1,1,1-Trichloroethane
Concen: 7.597 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058554.D
Acq: 10 Apr 2024 13:01

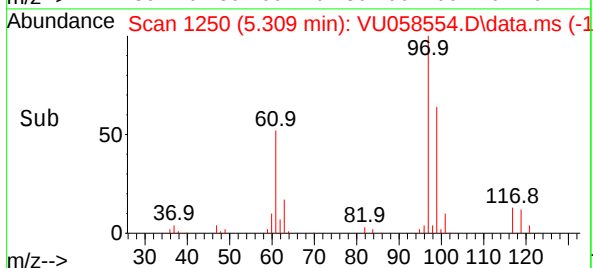
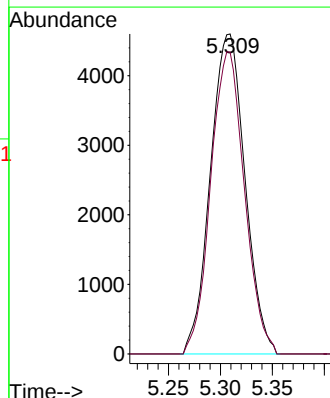
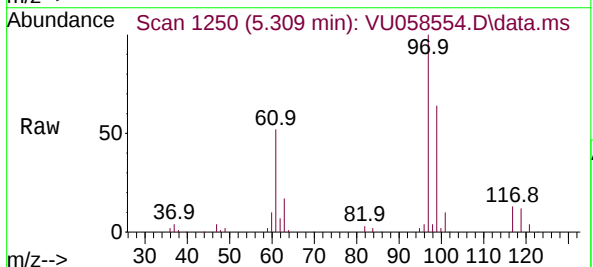
Instrument :
MSVOA_U
ClientSampleId :

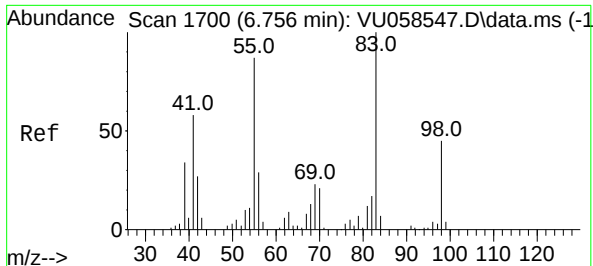
Tgt Ion: 97 Resp: 83451
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 51.8 39.4 59.0



#31
Carbon tetrachloride
Concen: 1.147 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.206 min
Lab File: VU058554.D
Acq: 10 Apr 2024 13:01

Tgt Ion: 117 Resp: 10672
Ion Ratio Lower Upper
117 100
119 91.9 76.7 115.1





#35

Methylcyclohexane

Concen: 0.563 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058554.D

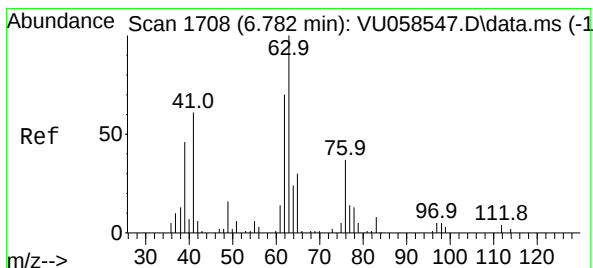
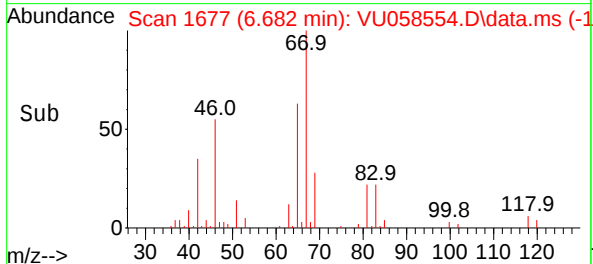
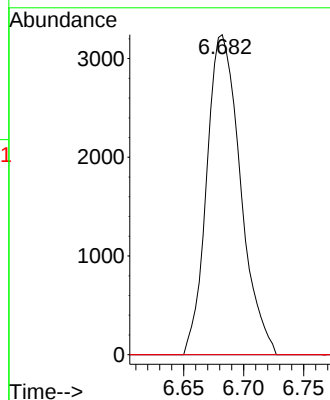
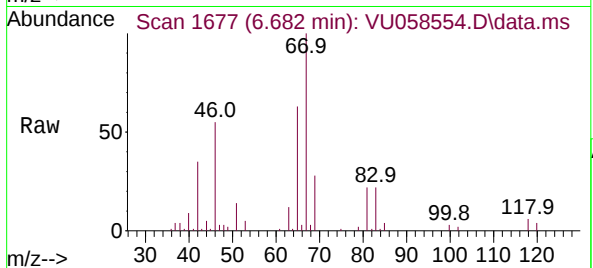
Acq: 10 Apr 2024 13:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 6347
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: 0.412 ug/L

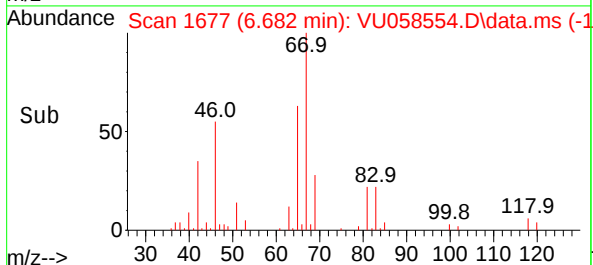
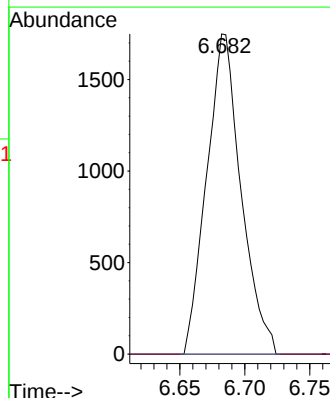
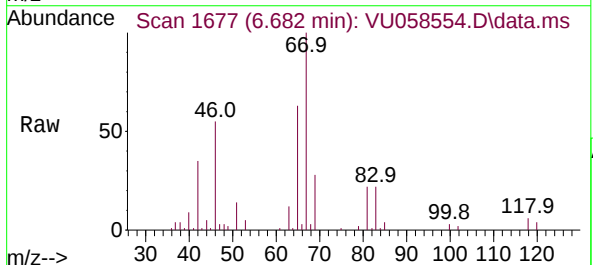
RT: 6.682 min Scan# 1677

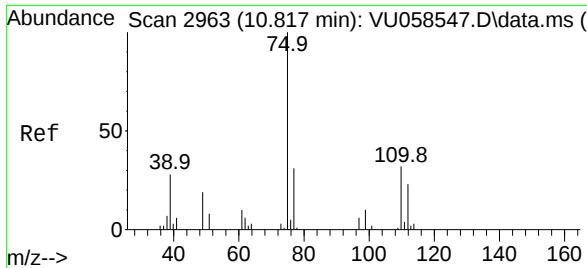
Delta R.T. -0.100 min

Lab File: VU058554.D

Acq: 10 Apr 2024 13:01

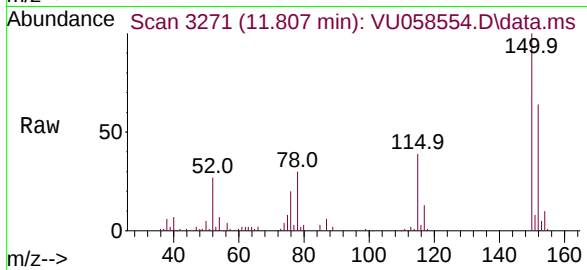
Tgt Ion: 63	Resp: 3220
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 4.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.309 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058554.D
 Acq: 10 Apr 2024 13:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4659
 Ion Ratio Lower Upper
 75 100
 110 0.9 25.8 38.6#
 77 31.4 25.1 37.7

