

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058430.D
 Acq On : 05 Apr 2024 19:31
 Operator : MD/SY
 Sample : P1948-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:39:09 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)

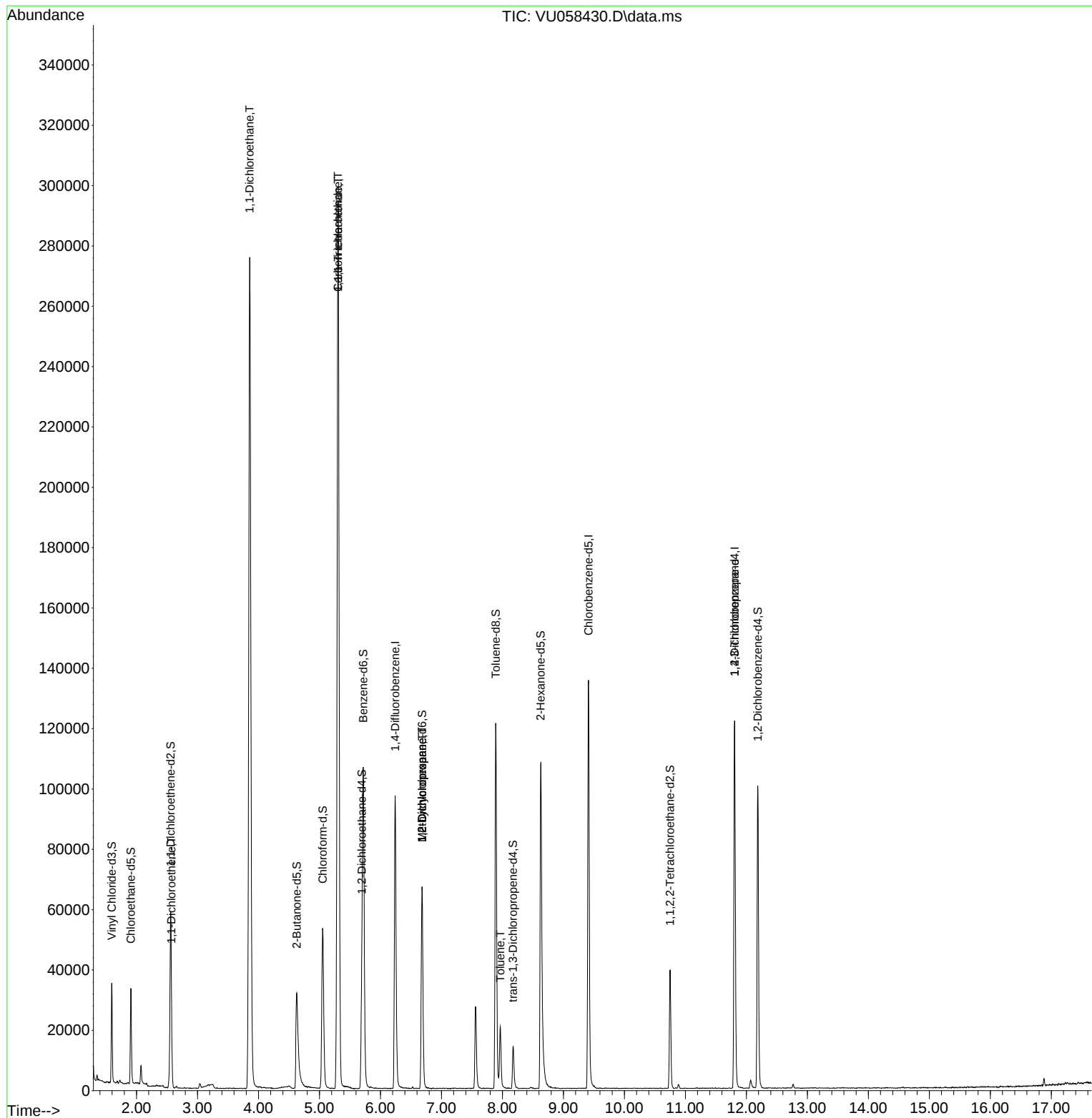
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76019	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23059	4.582	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.907	69	21308	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.560	65	10969	4.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.628	46	57698	54.399	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.800%
24) Chloroform-d	5.052	84	49802	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	24599	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.718	84	99030	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.682	67	32128	5.131	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.891	98	81783	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.174	79	8969	4.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.627	63	38566	48.110	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20422	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	26240	4.708	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	1746	0.324	ug/L #	1
19) 1,1-Dichloroethane	3.856	63	321457	26.083	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	206522	20.772	ug/L	98
31) Carbon tetrachloride	5.306	117	26172	3.108	ug/L	98
35) Methylcyclohexane	6.682	83	6864	0.672	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3371	0.477	ug/L #	90
42) Toluene	7.965	91	15134	0.537	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	4816	1.426	ug/L #	70

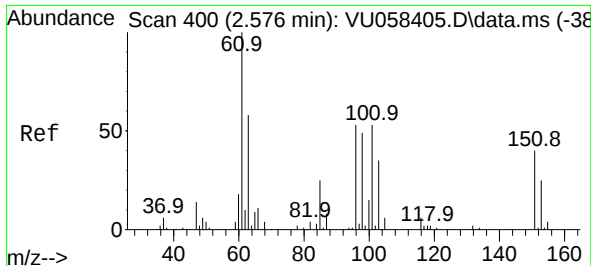
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.324 ug/L

RT: 2.573 min Scan# 30

Delta R.T. -0.003 min

Lab File: VU058430.D

Acq: 05 Apr 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

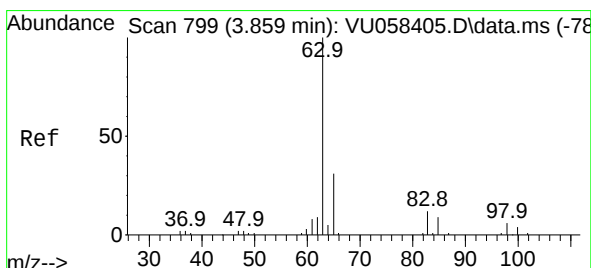
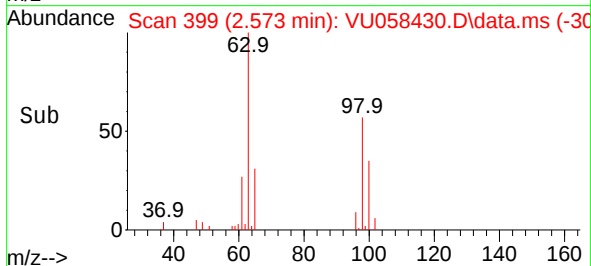
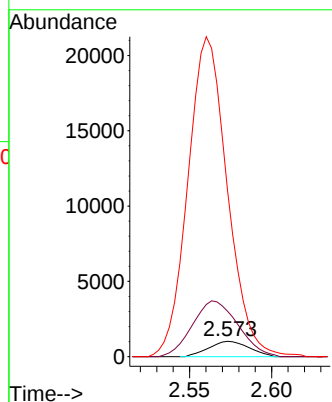
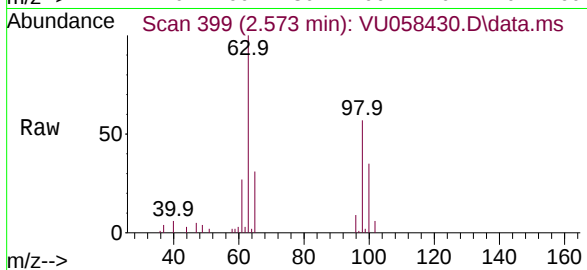
Tgt Ion: 96 Resp: 1746

Ion Ratio Lower Upper

96 100

61 295.9 132.5 246.1#

63 1085.1 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 26.083 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU058430.D

Acq: 05 Apr 2024 19:31

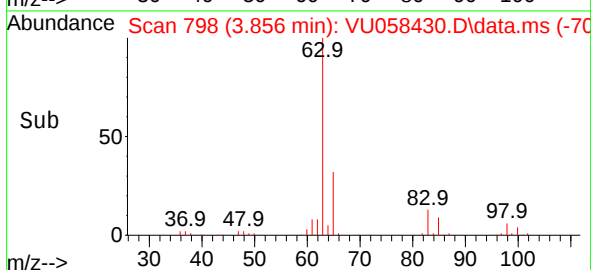
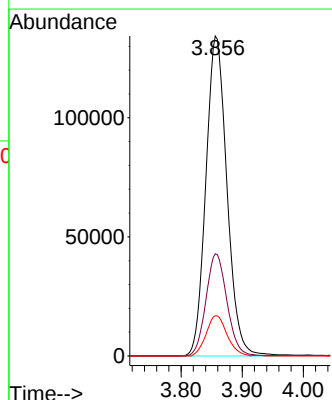
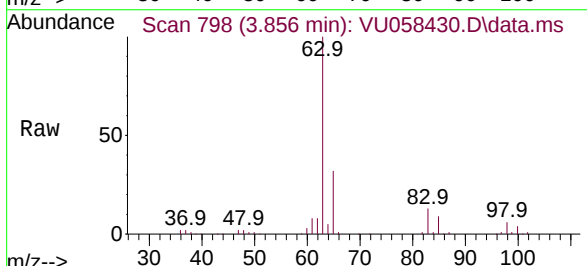
Tgt Ion: 63 Resp: 321457

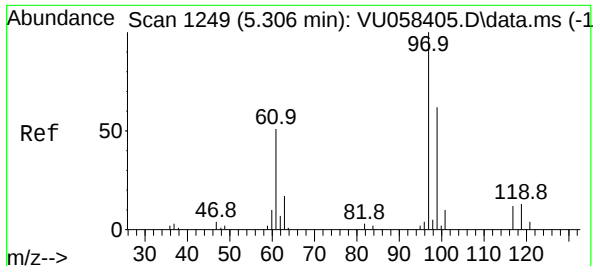
Ion Ratio Lower Upper

63 100

65 31.9 22.9 42.5

83 12.6 9.6 17.8

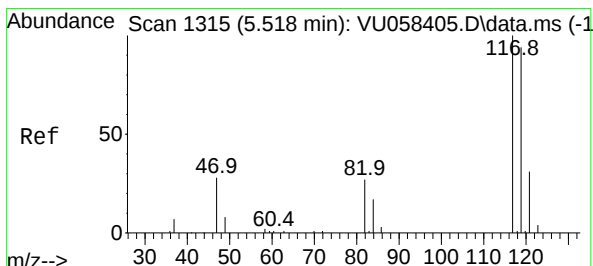
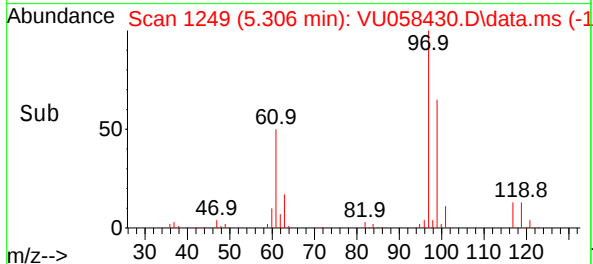
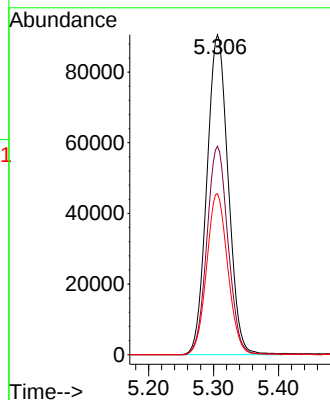
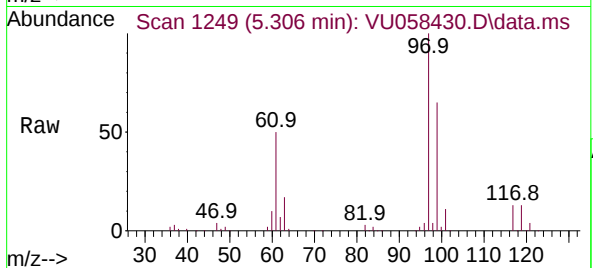




#29
1,1,1-Trichloroethane
Concen: 20.772 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058430.D
Acq: 05 Apr 2024 19:31

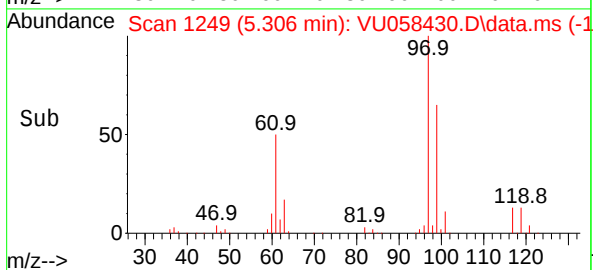
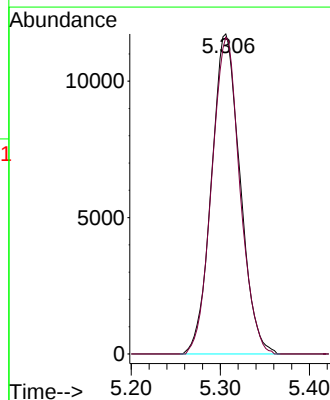
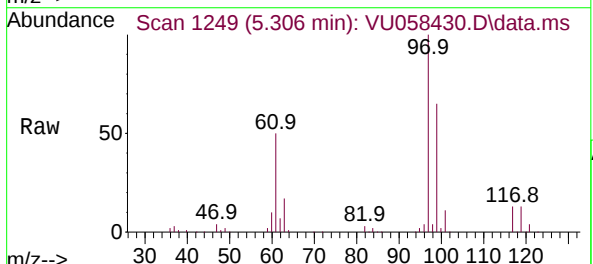
Instrument :
MSVOA_U
ClientSampleId :

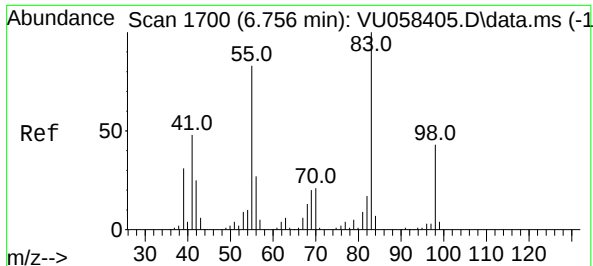
Tgt Ion: 97 Resp: 206522
Ion Ratio Lower Upper
97 100
99 64.8 50.4 75.6
61 50.1 39.4 59.0



#31
Carbon tetrachloride
Concen: 3.108 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.212 min
Lab File: VU058430.D
Acq: 05 Apr 2024 19:31

Tgt Ion: 117 Resp: 26172
Ion Ratio Lower Upper
117 100
119 97.5 76.7 115.1





#35

Methylcyclohexane

Concen: 0.672 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058430.D

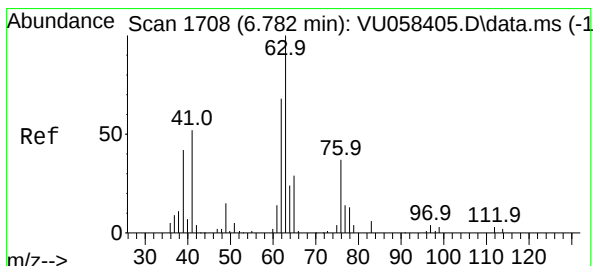
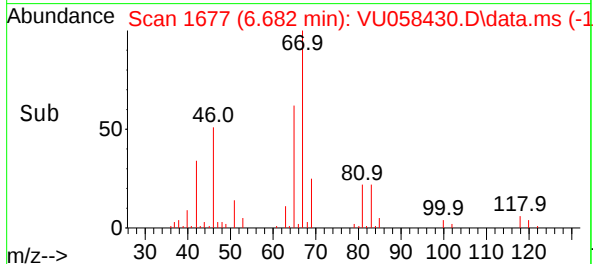
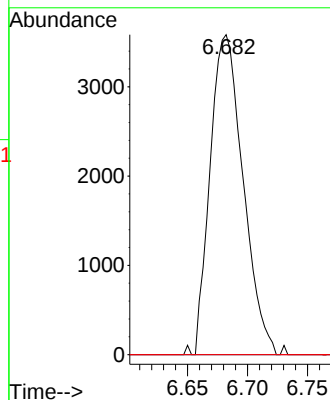
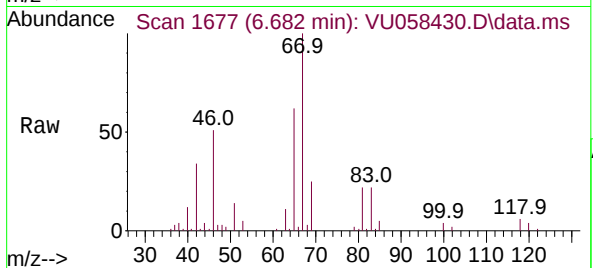
Acq: 05 Apr 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	6864
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: 0.477 ug/L

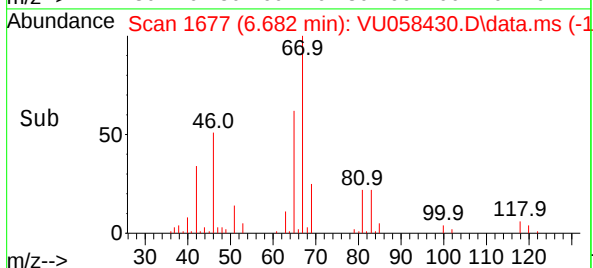
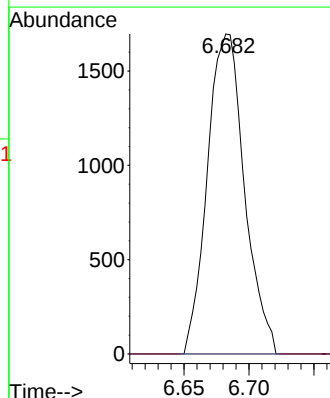
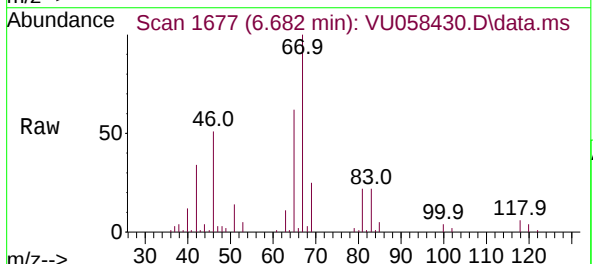
RT: 6.682 min Scan# 1677

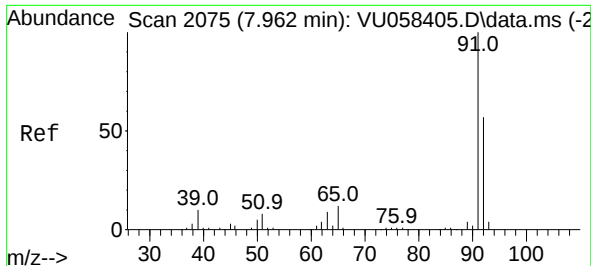
Delta R.T. -0.100 min

Lab File: VU058430.D

Acq: 05 Apr 2024 19:31

Tgt Ion:	63	Resp:	3371
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.6	4.0#





#42

Toluene

Concen: 0.537 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058430.D

Acq: 05 Apr 2024 19:31

Instrument :

MSVOA_U

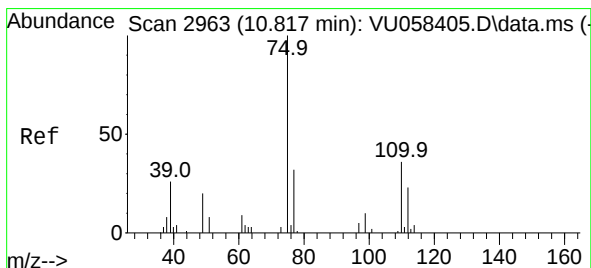
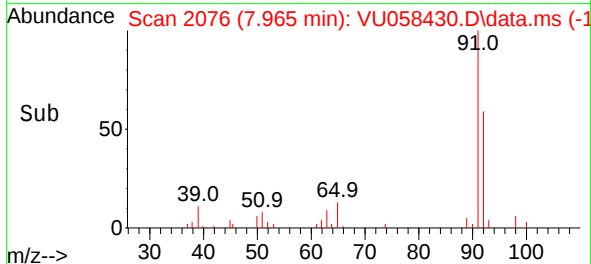
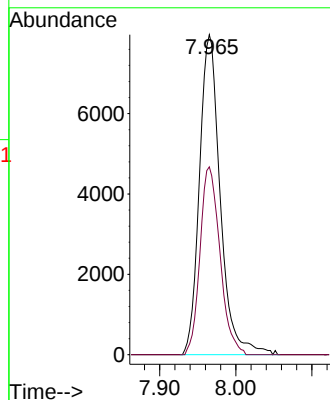
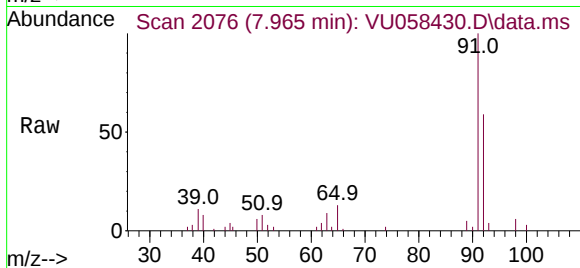
ClientSampleId :

Tgt Ion: 91 Resp: 15134

Ion Ratio Lower Upper

91 100

92 58.7 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 1.426 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058430.D

Acq: 05 Apr 2024 19:31

Tgt Ion: 75 Resp: 4816

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 32.0 25.1 37.7

