

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058429.D
 Acq On : 05 Apr 2024 19:07
 Operator : MD/SY
 Sample : P1948-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:38:55 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)

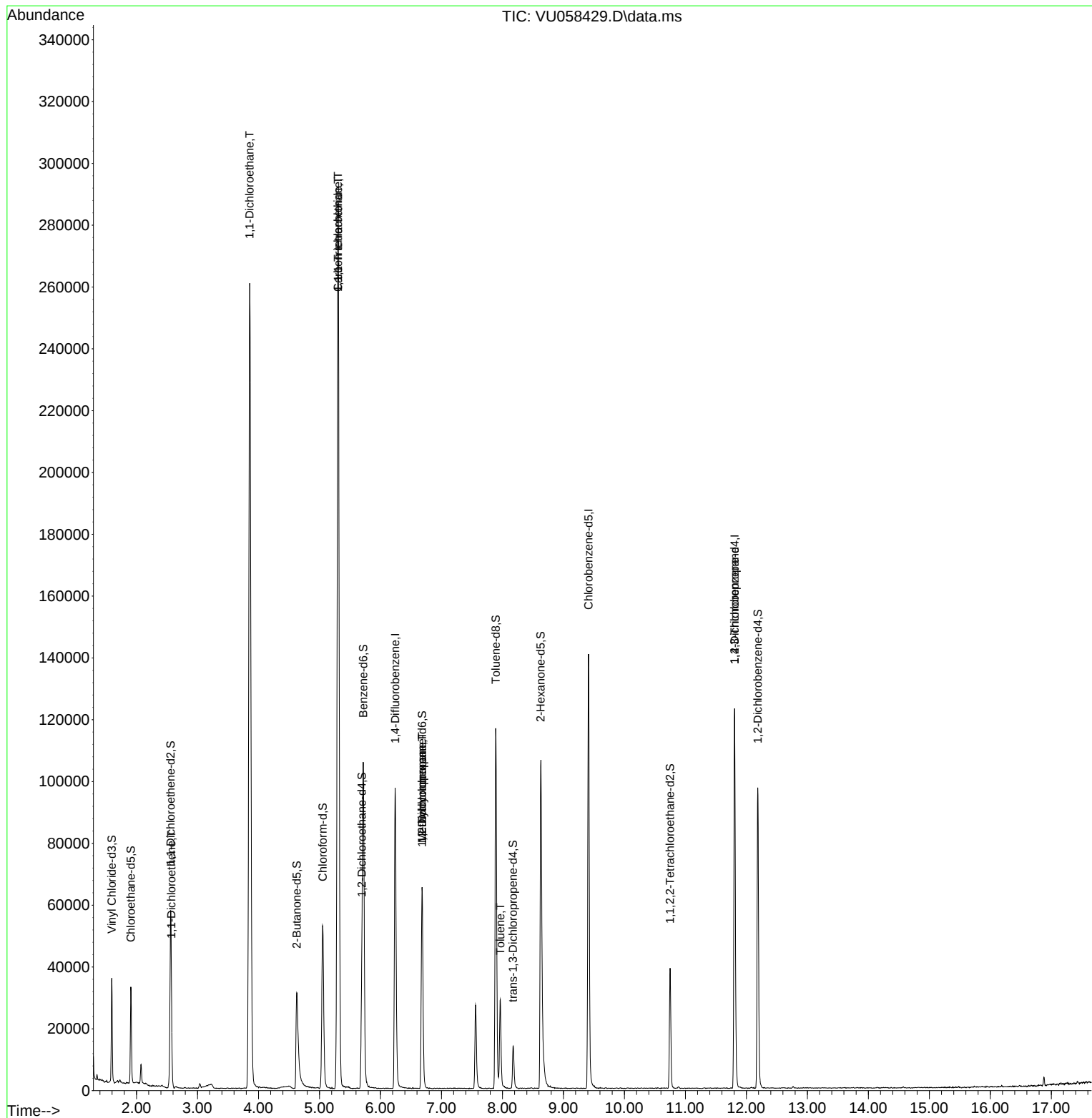
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	77577	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32956	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23016	4.481	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.907	69	21239	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.560	65	10847	4.666	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.627	46	54189	50.065	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.120%
24) Chloroform-d	5.052	84	49422	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	23714	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.717	84	96638	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.682	67	31481	4.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	79572	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.174	79	8728	4.353	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.627	63	38163	46.148	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20397	4.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	25593	4.611	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	2003	0.364	ug/L #	1
19) 1,1-Dichloroethane	3.856	63	307639	24.461	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	199591	19.459	ug/L	98
31) Carbon tetrachloride	5.306	117	24676	2.841	ug/L	97
35) Methylcyclohexane	6.682	83	6742	0.640	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3372	0.462	ug/L #	90
42) Toluene	7.965	91	21210	0.729	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	4650	1.383	ug/L #	68

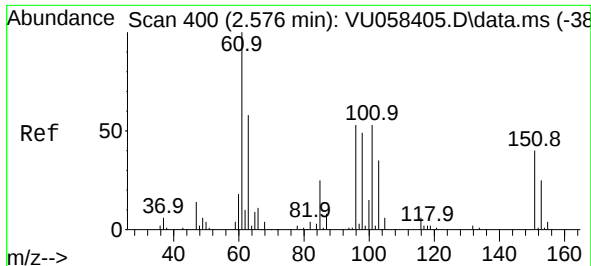
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.364 ug/L

RT: 2.573 min Scan# 30

Delta R.T. -0.003 min

Lab File: VU058429.D

Acq: 05 Apr 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

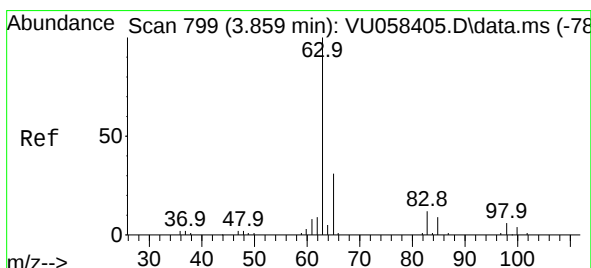
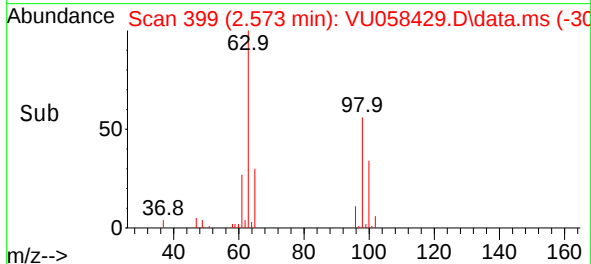
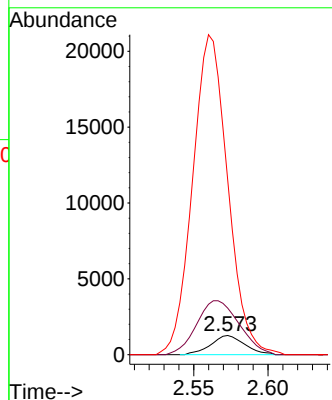
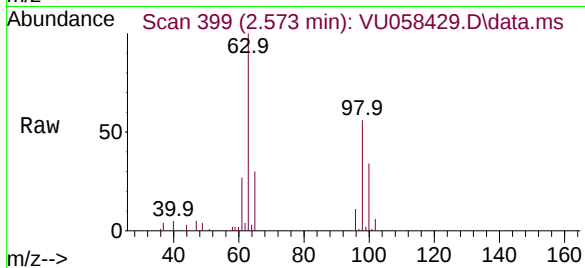
Tgt Ion: 96 Resp: 2003

Ion Ratio Lower Upper

96 100

61 242.2 132.5 246.1

63 907.5 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 24.461 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU058429.D

Acq: 05 Apr 2024 19:07

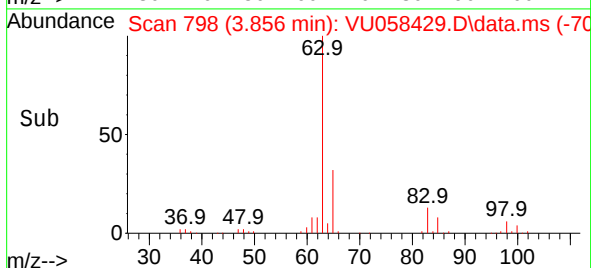
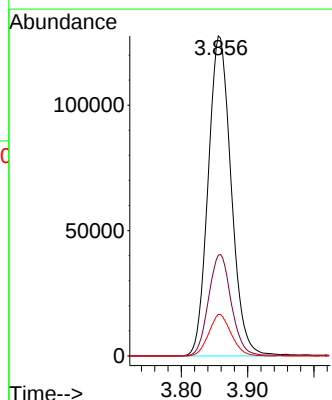
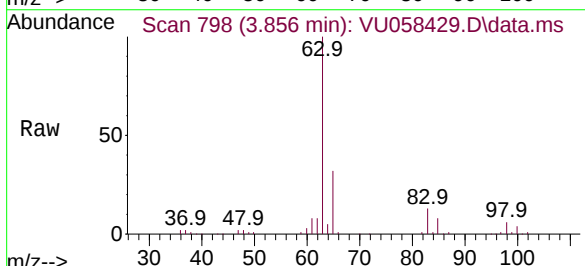
Tgt Ion: 63 Resp: 307639

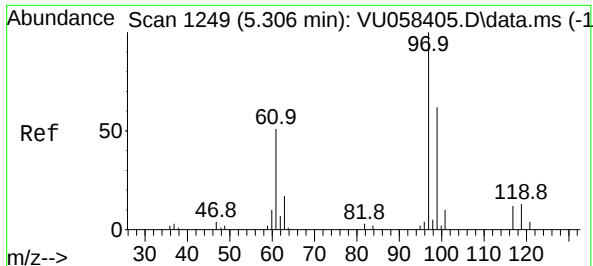
Ion Ratio Lower Upper

63 100

65 31.5 22.9 42.5

83 13.0 9.6 17.8

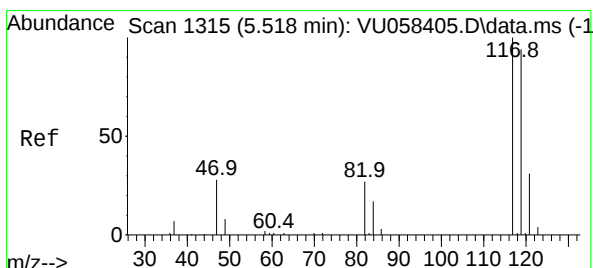
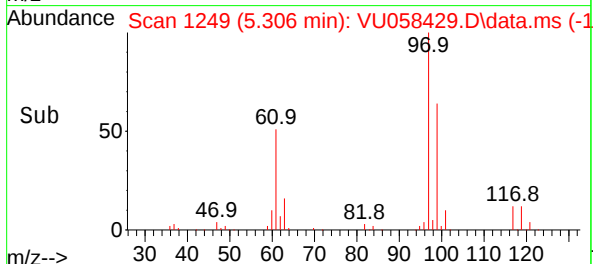
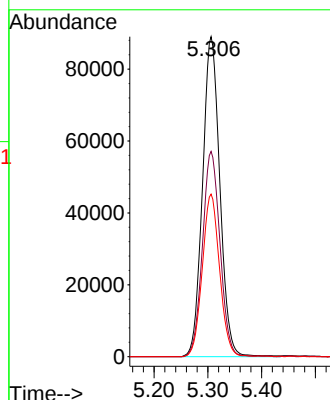
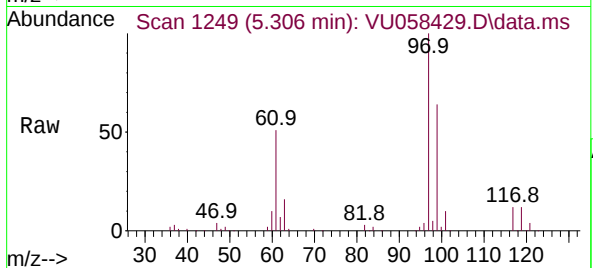




#29
1,1,1-Trichloroethane
Concen: 19.459 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058429.D
Acq: 05 Apr 2024 19:07

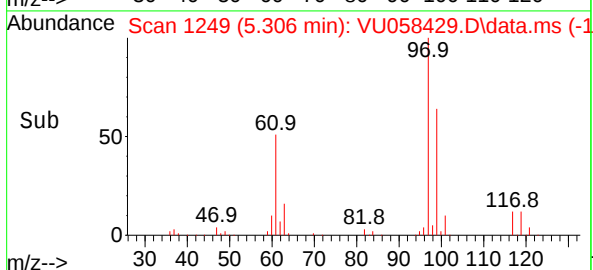
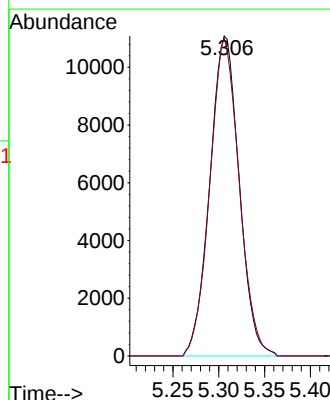
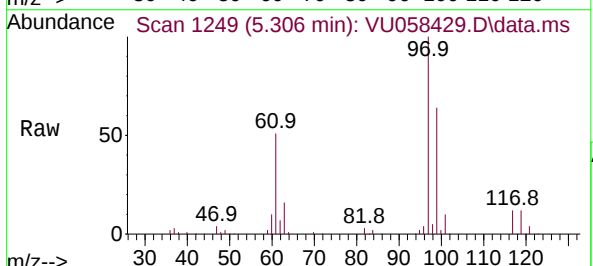
Instrument :
MSVOA_U
ClientSampleId :

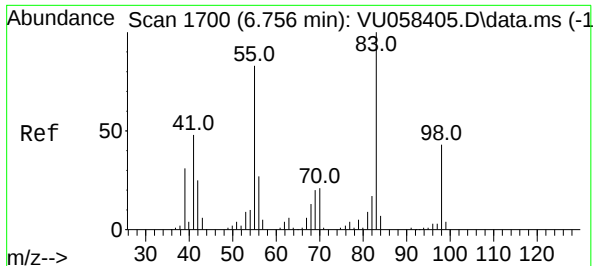
Tgt Ion: 97 Resp: 199591
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 50.6 39.4 59.0



#31
Carbon tetrachloride
Concen: 2.841 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.212 min
Lab File: VU058429.D
Acq: 05 Apr 2024 19:07

Tgt Ion:117 Resp: 24676
Ion Ratio Lower Upper
117 100
119 98.9 76.7 115.1





#35

Methylcyclohexane

Concen: 0.640 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058429.D

Acq: 05 Apr 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

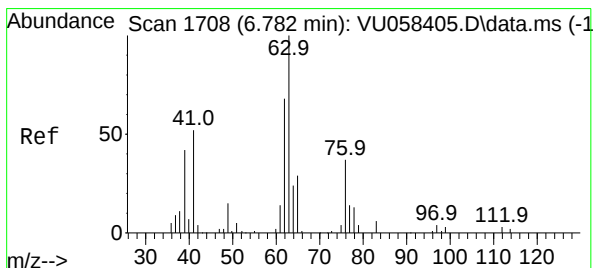
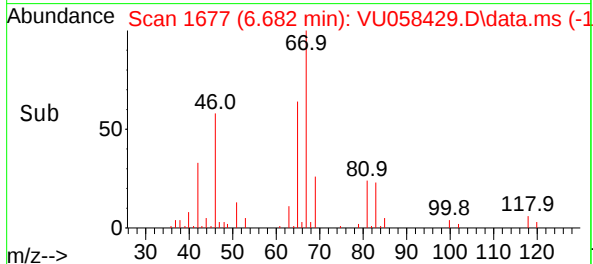
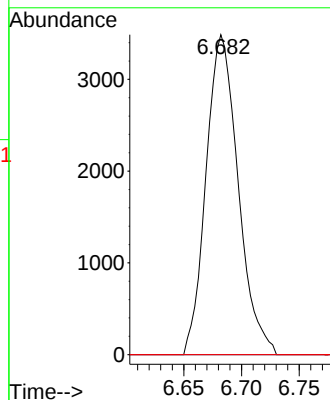
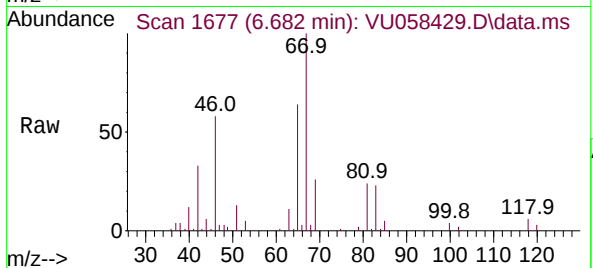
Tgt Ion: 83 Resp: 6742

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: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU058429.D

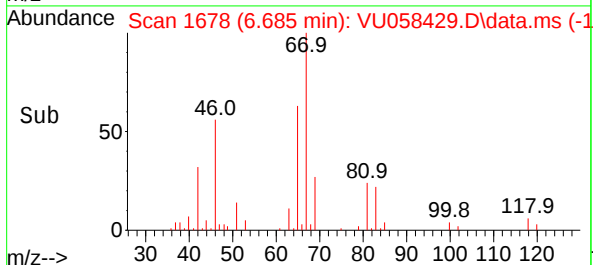
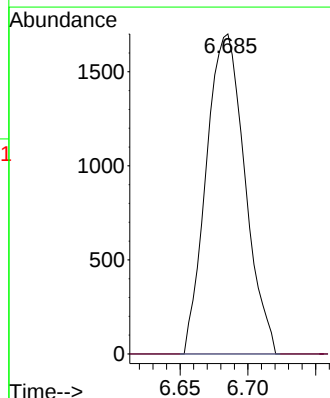
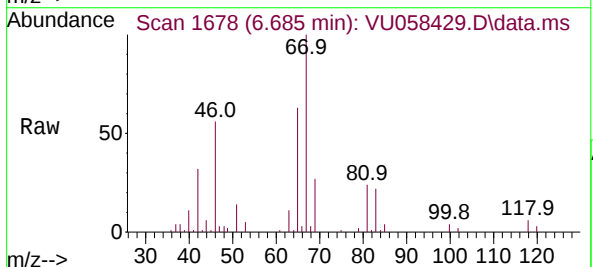
Acq: 05 Apr 2024 19:07

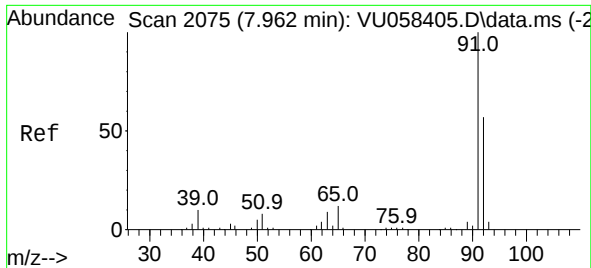
Tgt Ion: 63 Resp: 3372

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#42

Toluene

Concen: 0.729 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058429.D

Acq: 05 Apr 2024 19:07

Instrument :

MSVOA_U

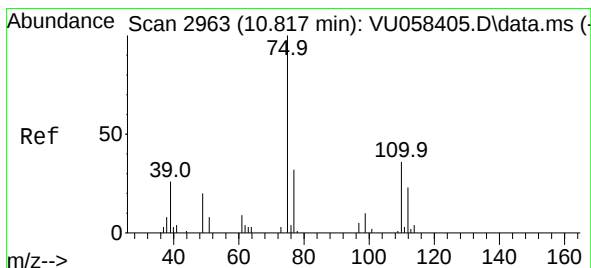
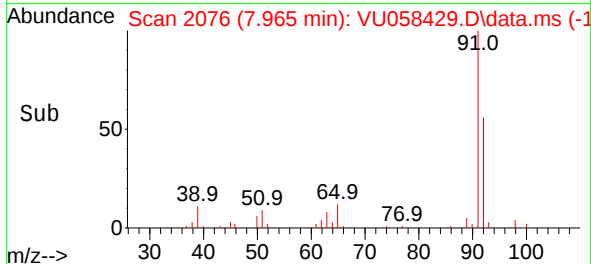
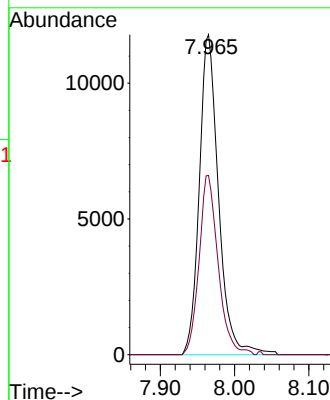
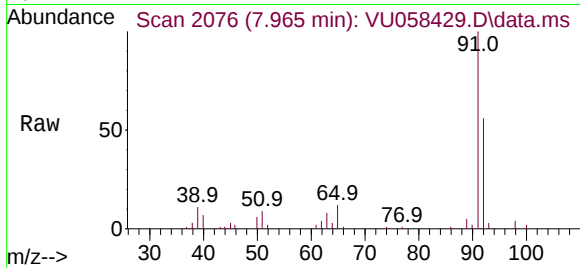
ClientSampleId :

Tgt Ion: 91 Resp: 21210

Ion Ratio Lower Upper

91 100

92 56.0 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 1.383 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058429.D

Acq: 05 Apr 2024 19:07

Tgt Ion: 75 Resp: 4650

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6

77 28.8 25.1 37.7

