

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058439.D
 Acq On : 05 Apr 2024 23:24
 Operator : MD/SY
 Sample : P1970-08DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 05:59:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

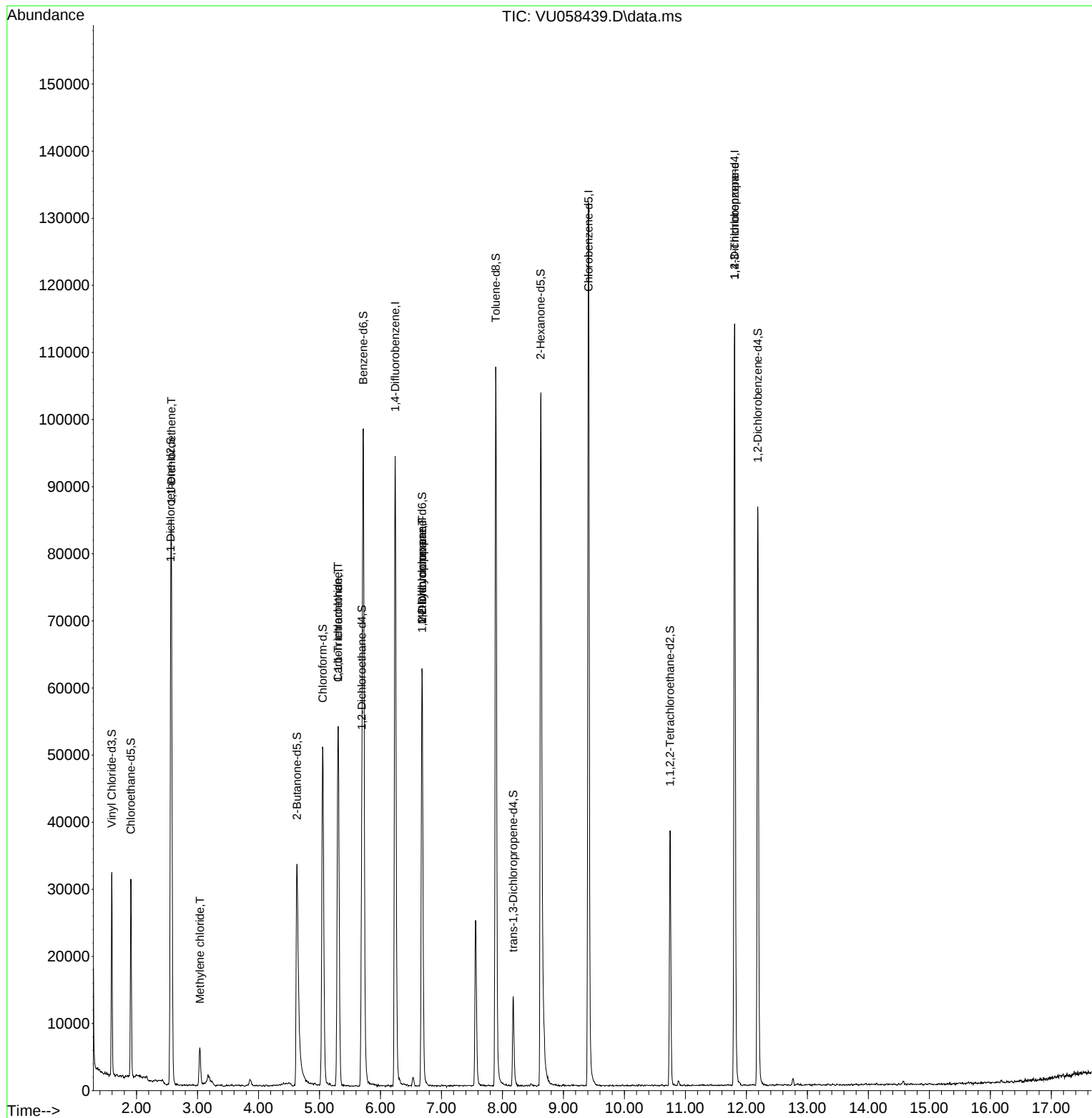
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75587	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20604	4.117	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.907	69	20166	4.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.560	65	9425	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.631	46	53552	50.779	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	5.052	84	47687	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	24017	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.718	84	89778	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.682	67	30652	5.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.891	98	72672	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.177	79	8544	4.605	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	37697	49.256	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19535	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	22798	4.629	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	17601	3.286	ug/L	87
16) Methylene chloride	3.039	84	2593	0.365	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	38874	4.095	ug/L	99
31) Carbon tetrachloride	5.306	117	4923	0.612	ug/L	99
35) Methylcyclohexane	6.682	83	6667	0.684	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3286	0.487	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4247	1.424	ug/L #	66

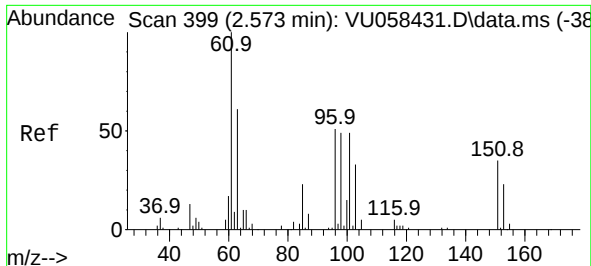
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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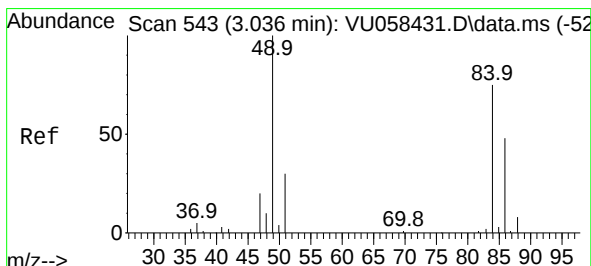
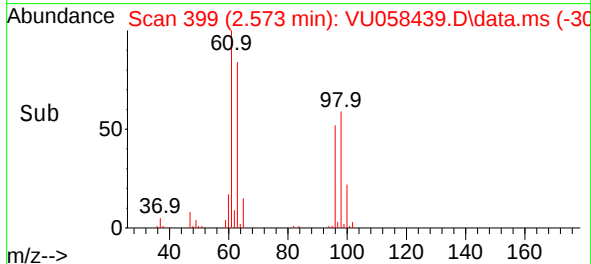
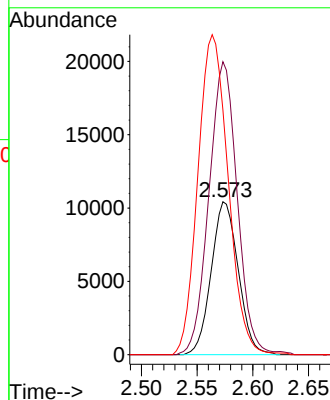
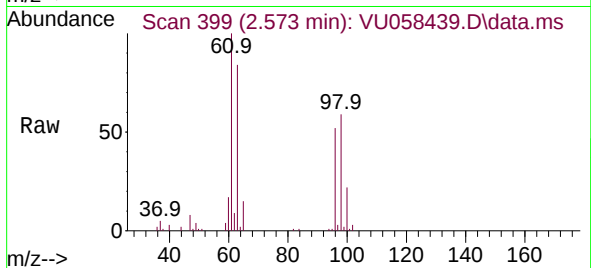




#12
1,1-Dichloroethene
Concen: 3.286 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058439.D
Acq: 05 Apr 2024 23:24

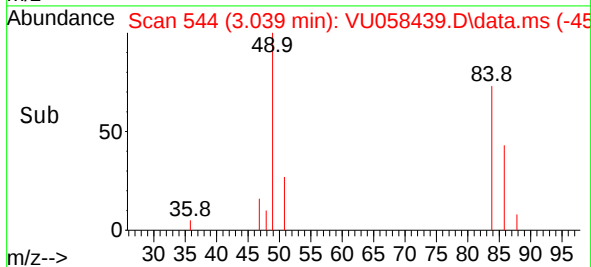
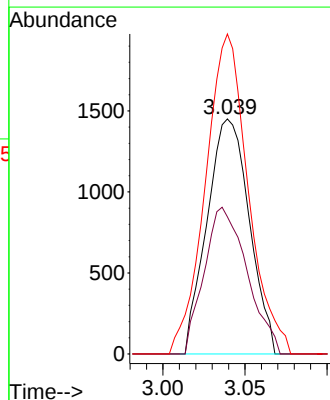
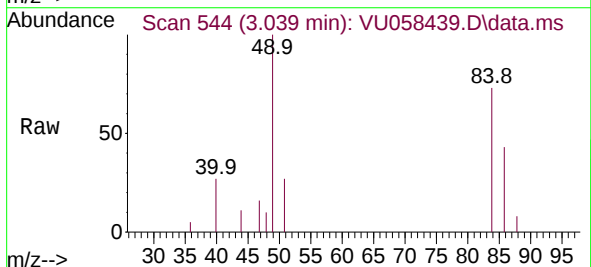
Instrument :
MSVOA_U
ClientSampleId :

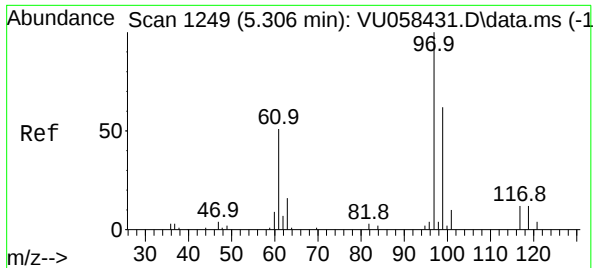
Tgt Ion: 96 Resp: 17601
Ion Ratio Lower Upper
96 100
61 191.5 132.5 246.1
63 159.9 87.7 162.9



#16
Methylene chloride
Concen: 0.365 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU058439.D
Acq: 05 Apr 2024 23:24

Tgt Ion: 84 Resp: 2593
Ion Ratio Lower Upper
84 100
86 58.3 44.3 82.3
49 136.1 96.0 178.2

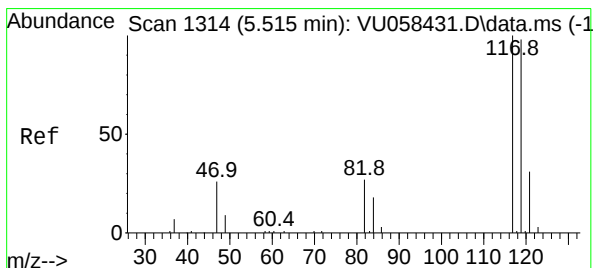
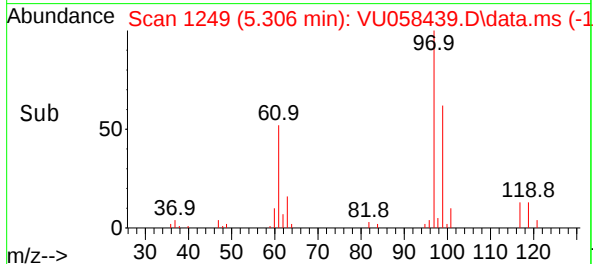
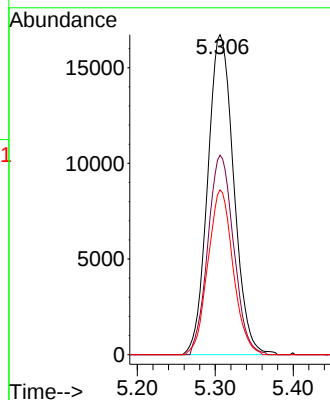
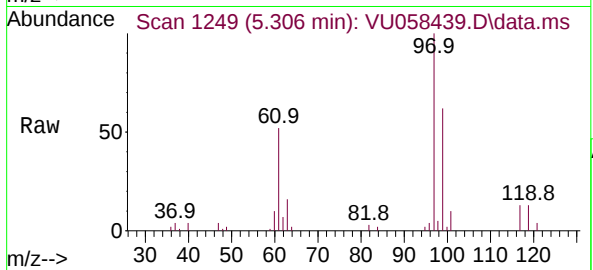




#29
1,1,1-Trichloroethane
Concen: 4.095 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058439.D
Acq: 05 Apr 2024 23:24

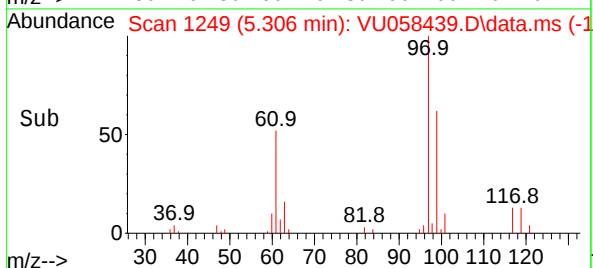
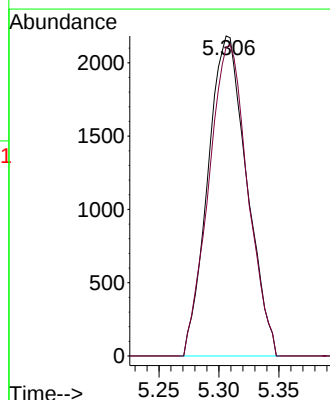
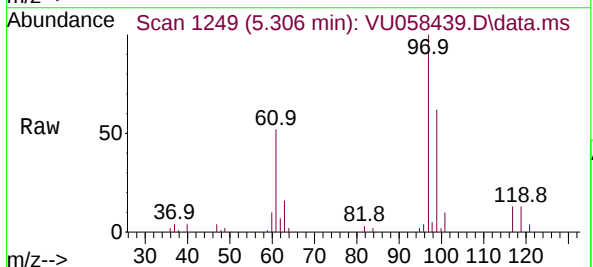
Instrument :
MSVOA_U
ClientSampleId :

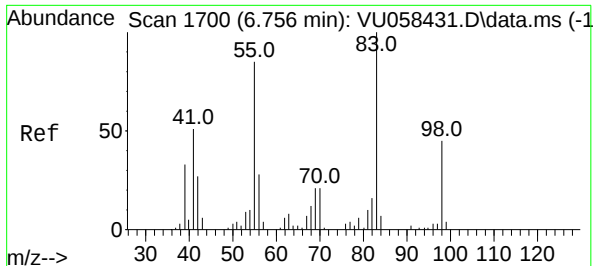
Tgt Ion: 97 Resp: 38874
Ion Ratio Lower Upper
97 100
99 61.6 50.4 75.6
61 49.7 39.4 59.0



#31
Carbon tetrachloride
Concen: 0.612 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058439.D
Acq: 05 Apr 2024 23:24

Tgt Ion:117 Resp: 4923
Ion Ratio Lower Upper
117 100
119 97.3 76.7 115.1





#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058439.D

Acq: 05 Apr 2024 23:24

Instrument :

MSVOA_U

ClientSampleId :

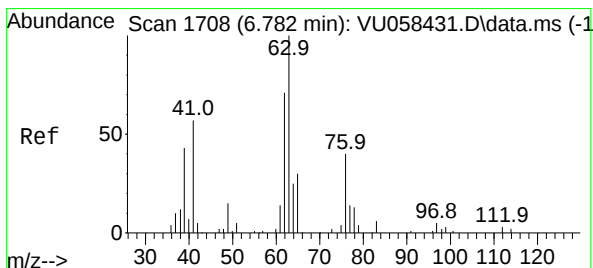
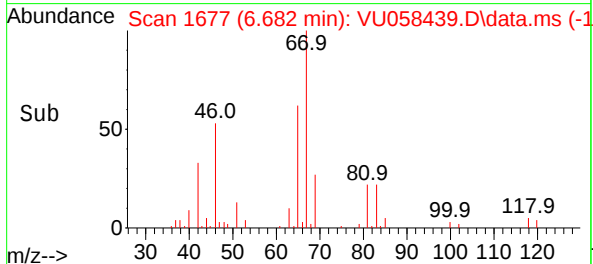
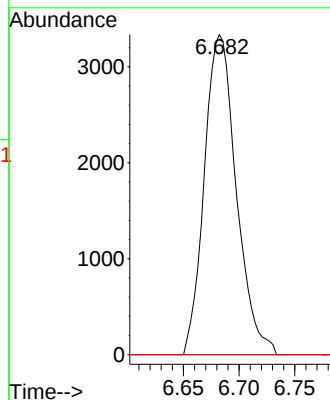
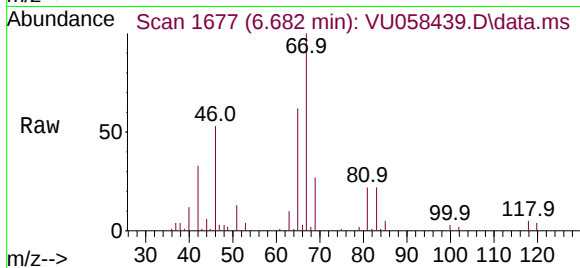
Tgt Ion: 83 Resp: 6667

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: 0.487 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU058439.D

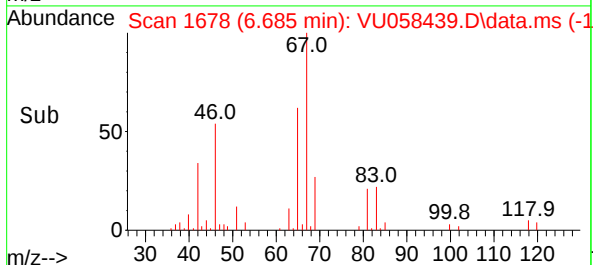
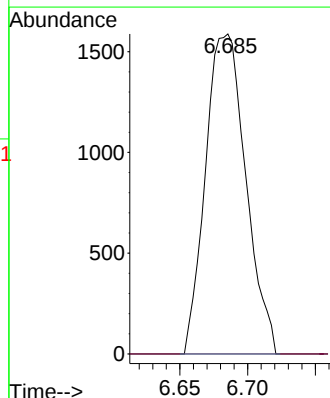
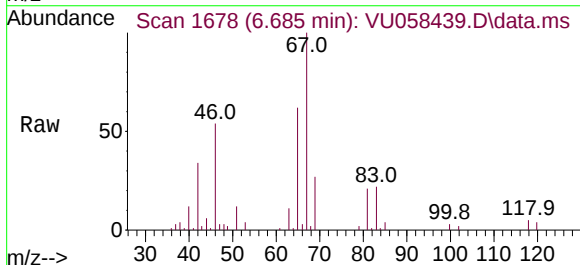
Acq: 05 Apr 2024 23:24

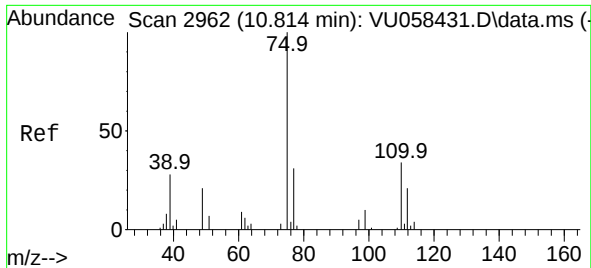
Tgt Ion: 63 Resp: 3286

Ion Ratio Lower Upper

63 100

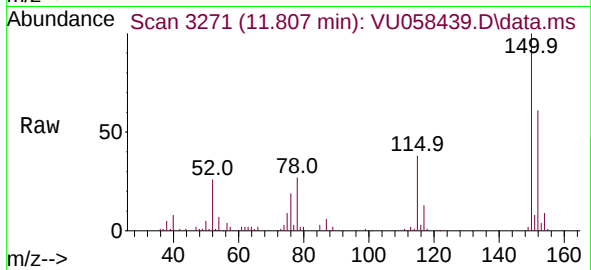
112 0.0 2.6 4.0#





#61
1,2,3-Trichloropropane
Concen: 1.424 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU058439.D
Acq: 05 Apr 2024 23:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4247
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 26.1 25.1 37.7

