

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058428.D
 Acq On : 05 Apr 2024 18:44
 Operator : MD/SY
 Sample : P1970-09DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:38:41 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)

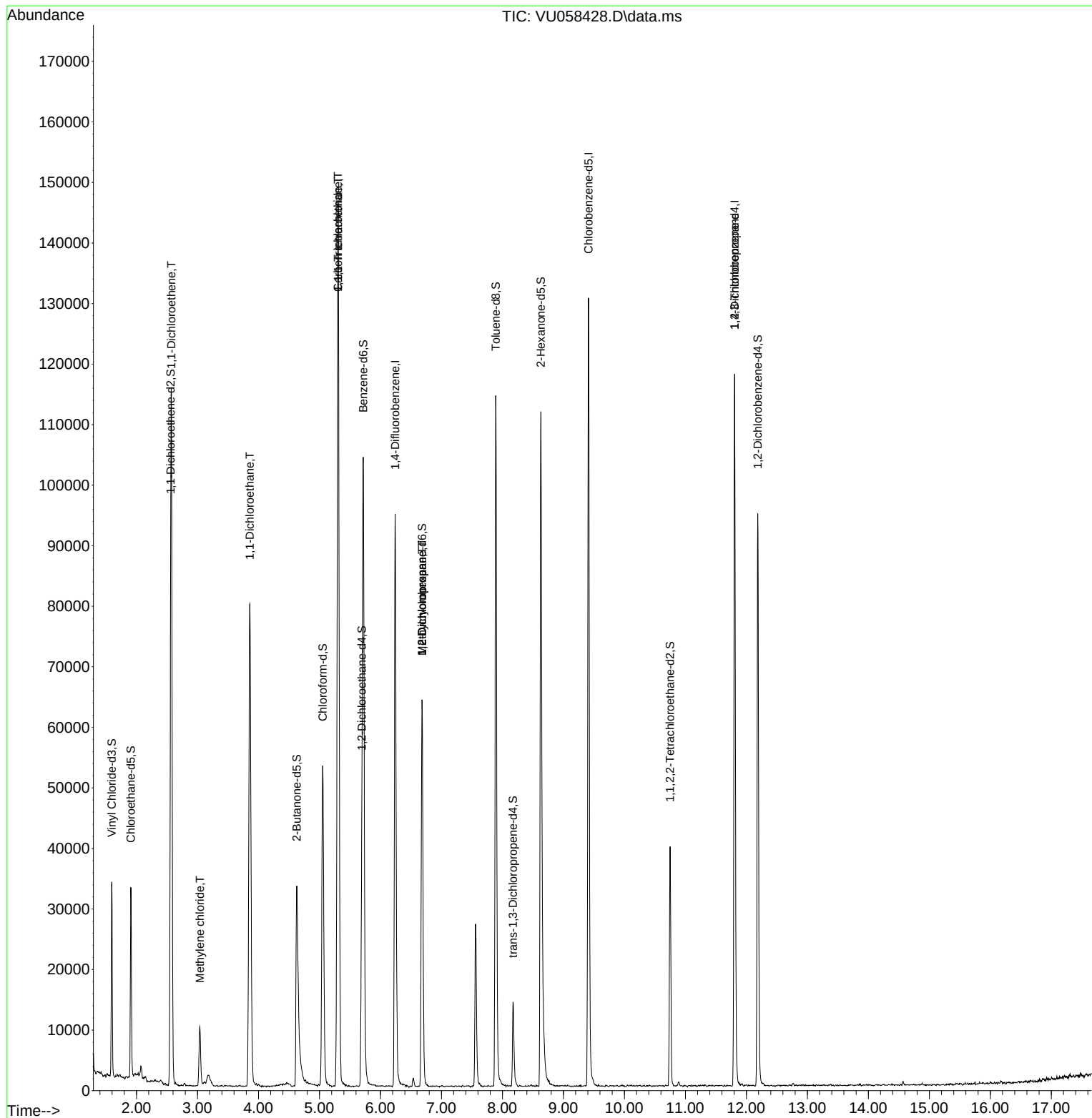
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	73518	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22166	4.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.907	69	21020	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.560	65	10165	4.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.627	46	57297	55.859	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.720%
24) Chloroform-d	5.052	84	48834	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	24234	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.717	84	95832	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.682	67	30787	5.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.891	98	76821	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.174	79	8832	4.788	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.630	63	38244	50.268	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20404	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	24733	4.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	27437	5.266	ug/L	98
16) Methylene chloride	3.039	84	4385	0.634	ug/L	97
19) 1,1-Dichloroethane	3.859	63	94140	7.898	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	101841	10.793	ug/L	98
31) Carbon tetrachloride	5.306	117	12873	1.611	ug/L	98
35) Methylcyclohexane	6.682	83	6959	0.718	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3686	0.549	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4510	1.455	ug/L #	69

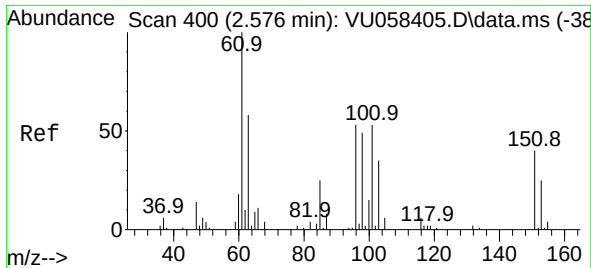
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.266 ug/L

RT: 2.573 min Scan# 30

Delta R.T. -0.003 min

Lab File: VU058428.D

Acq: 05 Apr 2024 18:44

Instrument :

MSVOA_U

ClientSampleId :

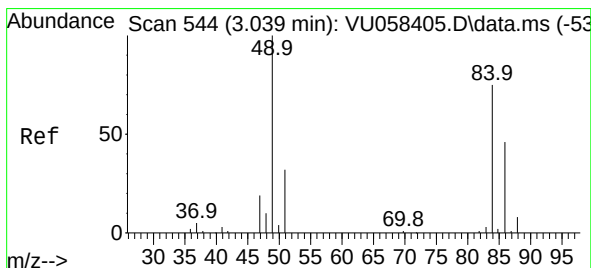
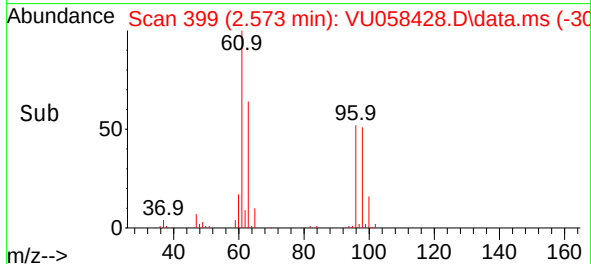
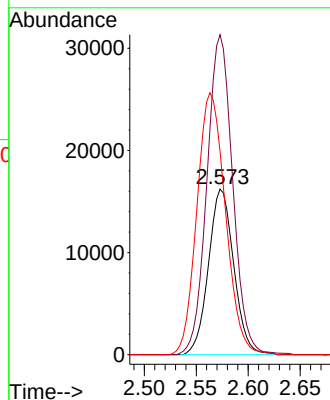
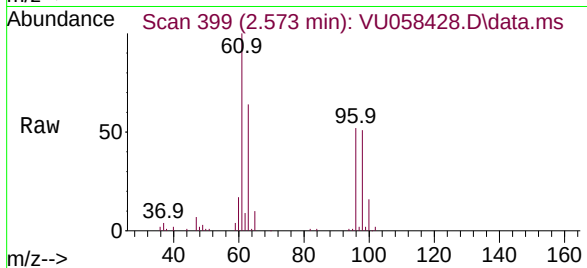
Tgt Ion: 96 Resp: 27437

Ion Ratio Lower Upper

96 100

61 193.3 132.5 246.1

63 122.9 87.7 162.9



#16

Methylene chloride

Concen: 0.634 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU058428.D

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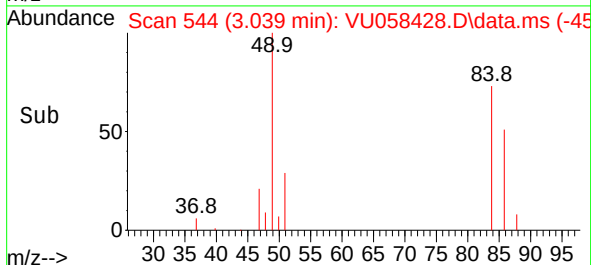
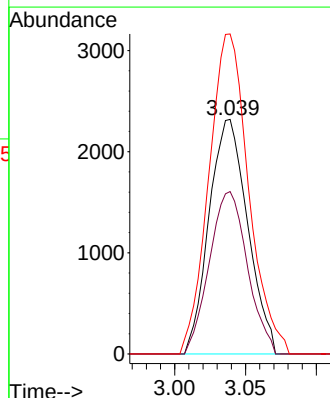
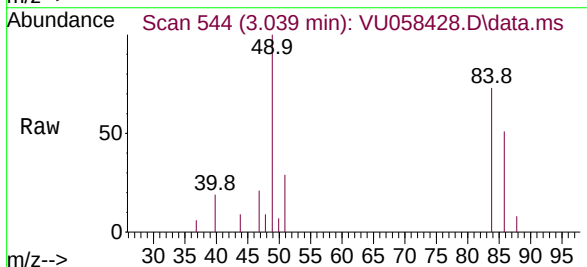
Tgt Ion: 84 Resp: 4385

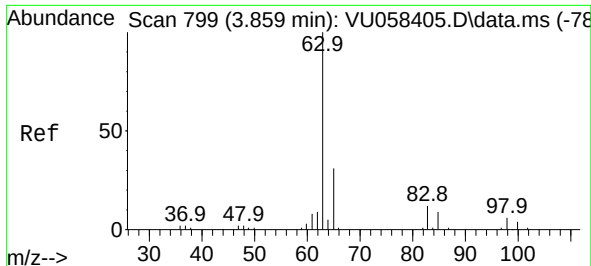
Ion Ratio Lower Upper

84 100

86 69.2 44.3 82.3

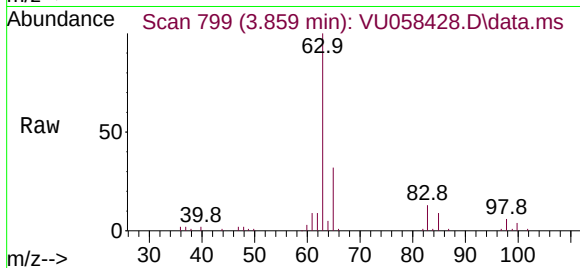
49 136.4 96.0 178.2



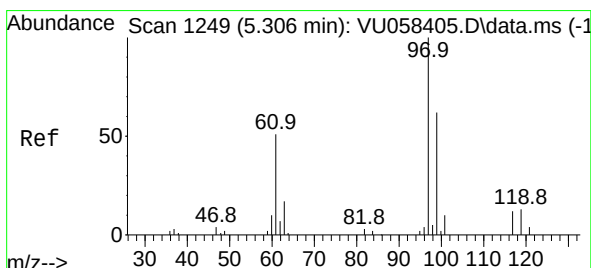
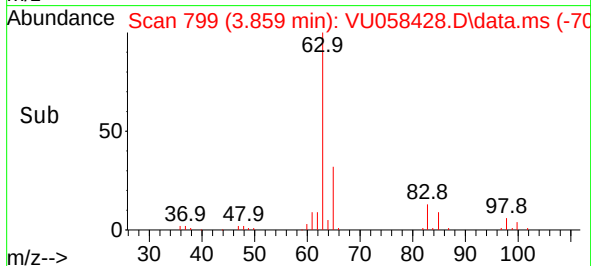
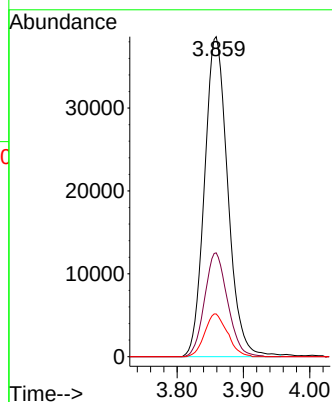


#19
1,1-Dichloroethane
Concen: 7.898 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU058428.D
Acq: 05 Apr 2024 18:44

Instrument :
MSVOA_U
ClientSampleId :

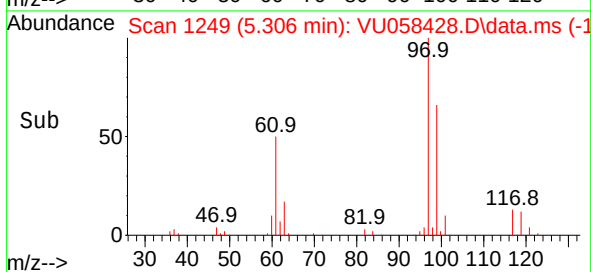
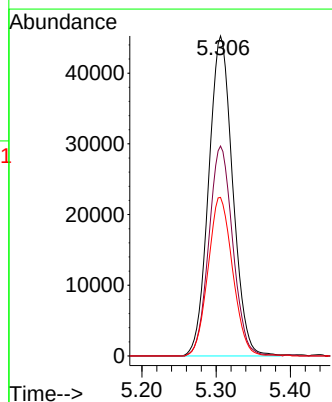
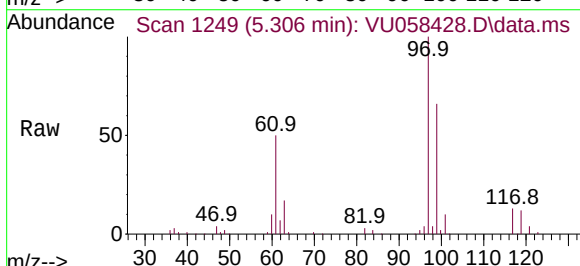


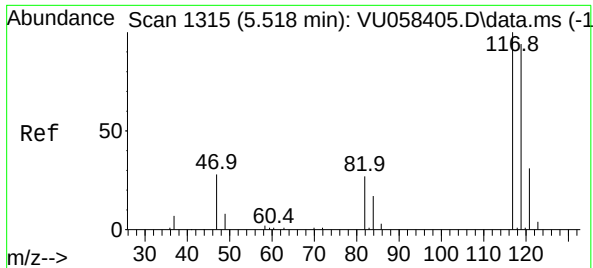
Tgt Ion:	63	Resp:	94140
Ion Ratio	Lower	Upper	
63	100		
65	32.5	22.9	42.5
83	13.3	9.6	17.8



#29
1,1,1-Trichloroethane
Concen: 10.793 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058428.D
Acq: 05 Apr 2024 18:44

Tgt Ion:	97	Resp:	101841
Ion Ratio	Lower	Upper	
97	100		
99	65.3	50.4	75.6
61	50.5	39.4	59.0

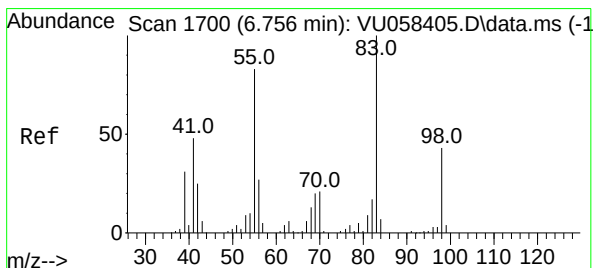
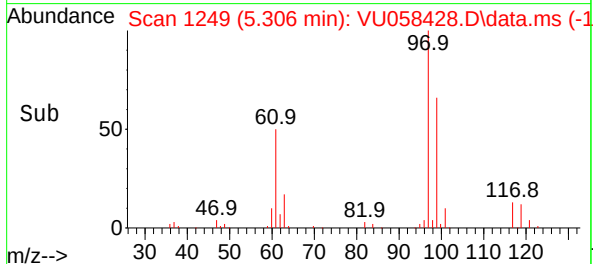
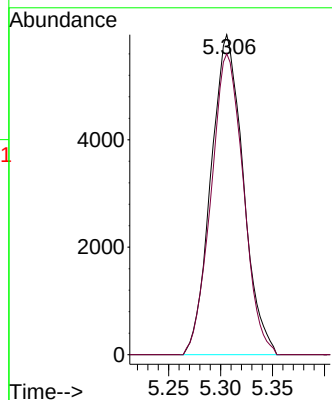
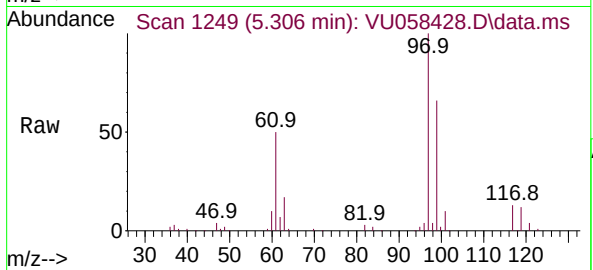




#31
Carbon tetrachloride
Concen: 1.611 ug/L
RT: 5.306 min Scan# 1677
Delta R.T. -0.212 min
Lab File: VU058428.D
Acq: 05 Apr 2024 18:44

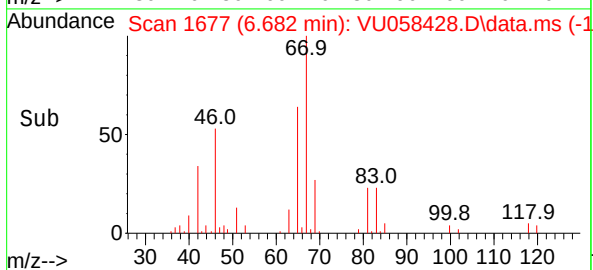
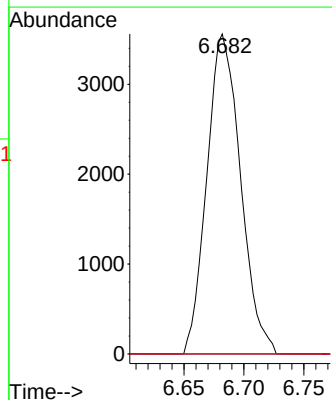
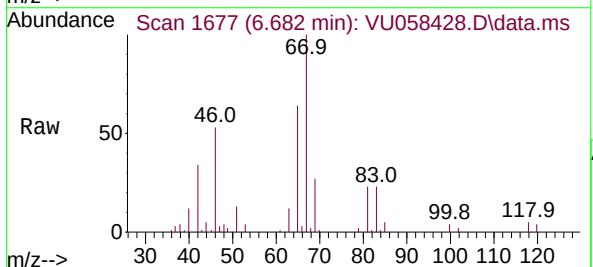
Instrument :
MSVOA_U
ClientSampleId :

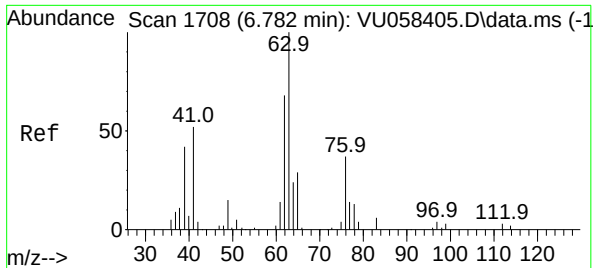
Tgt Ion:117 Resp: 12873
Ion Ratio Lower Upper
117 100
119 93.9 76.7 115.1



#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058428.D
Acq: 05 Apr 2024 18:44

Tgt Ion: 83 Resp: 6959
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

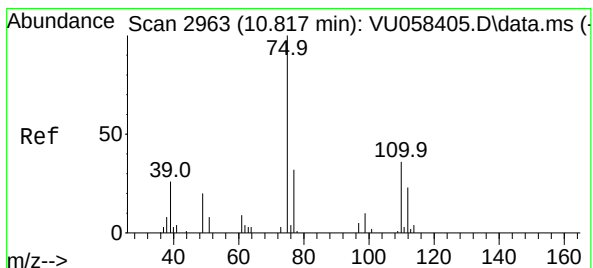
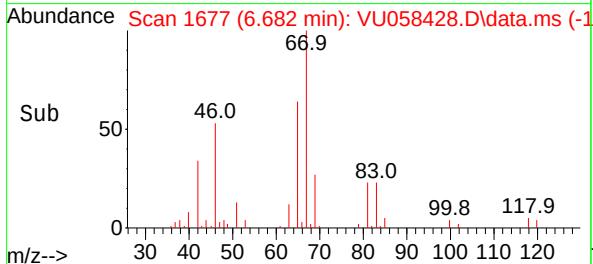
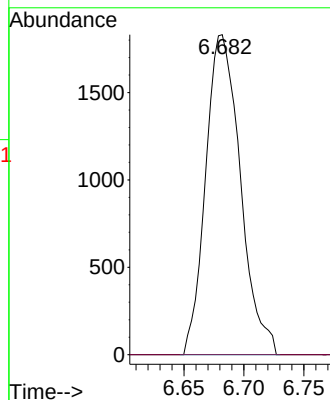
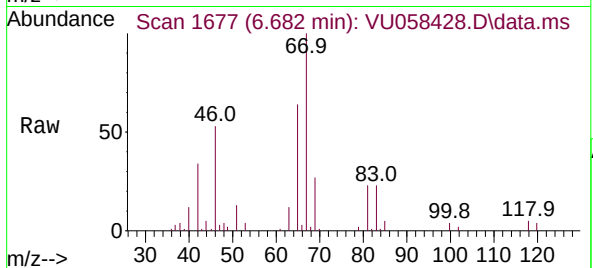




#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058428.D
Acq: 05 Apr 2024 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3686
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.455 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058428.D
Acq: 05 Apr 2024 18:44

Tgt Ion: 75 Resp: 4510
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 29.3 25.1 37.7

