

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058427.D
 Acq On : 05 Apr 2024 18:20
 Operator : MD/SY
 Sample : P1970-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

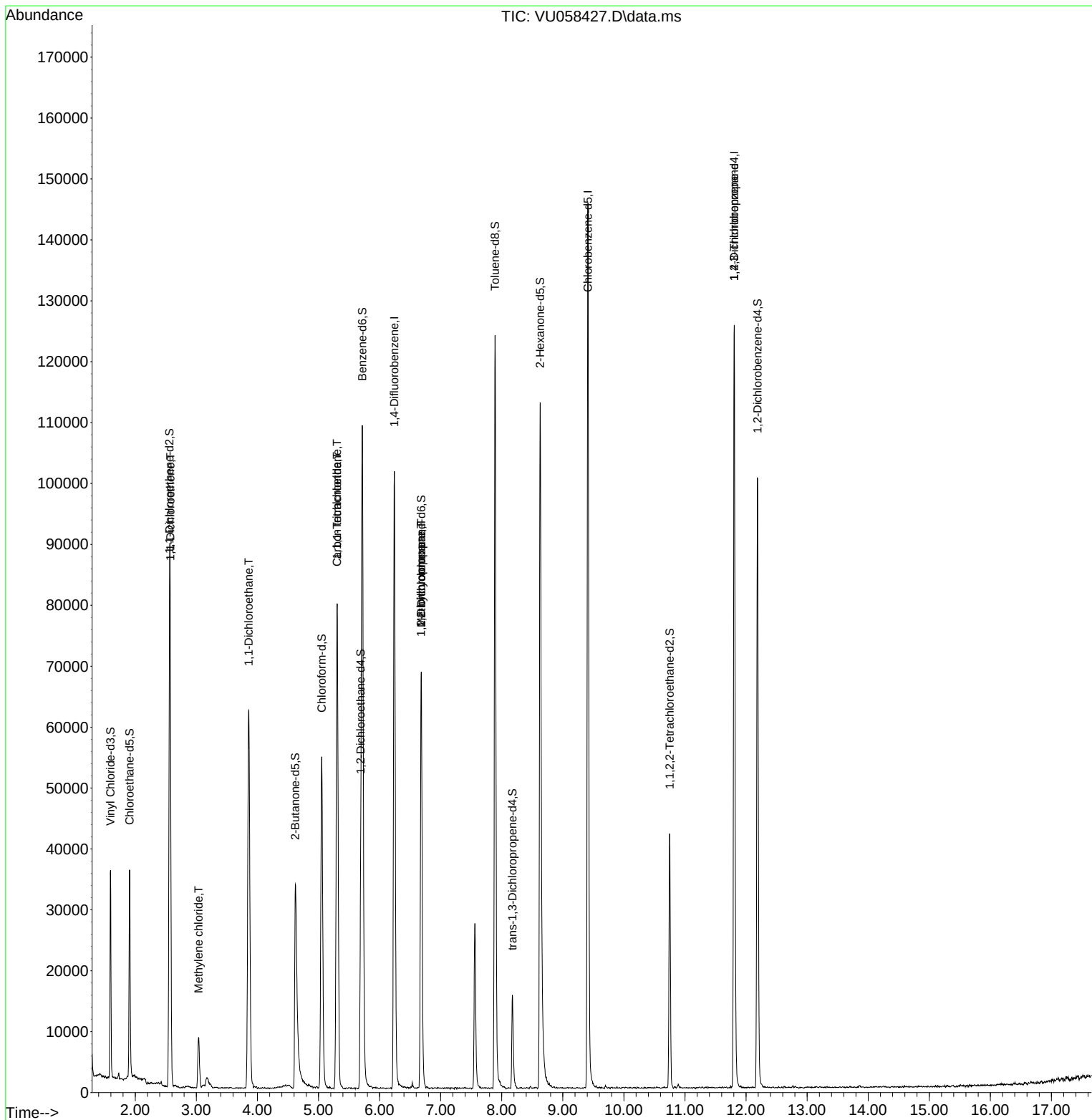
Quant Time: Apr 05 23:38:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

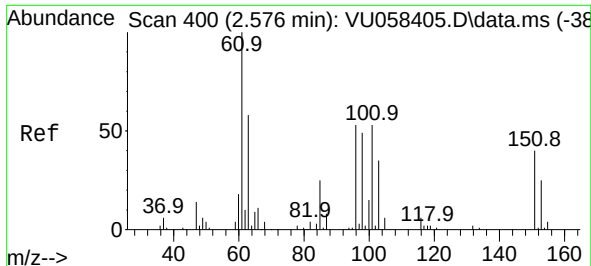
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23399	4.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.907	69	22893	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.560	65	11099	4.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.621	46	55406	49.214	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.420%
24) Chloroform-d	5.052	84	50876	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	25464	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.718	84	101031	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.682	67	32315	4.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.891	98	83332	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.174	79	9563	4.712	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.627	63	40726	48.655	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20833	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	26480	4.747	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	16538	2.892	ug/L	85
16) Methylene chloride	3.036	84	3771	0.497	ug/L	91
19) 1,1-Dichloroethane	3.859	63	74224	5.674	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	56452	5.438	ug/L	100
31) Carbon tetrachloride	5.303	117	6898	0.785	ug/L	98
35) Methylcyclohexane	6.682	83	7090	0.665	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3677	0.498	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4600	1.361	ug/L #	69

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

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#12

1,1-Dichloroethene

Concen: 2.892 ug/L

RT: 2.573 min Scan# 30

Delta R.T. -0.003 min

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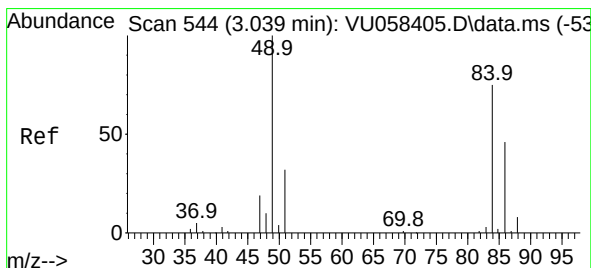
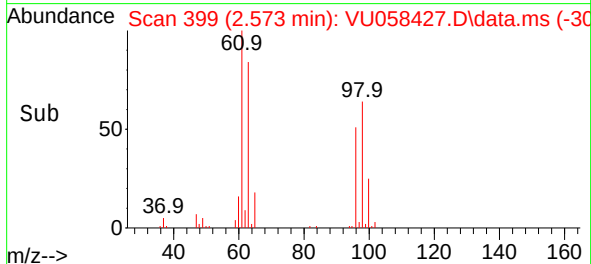
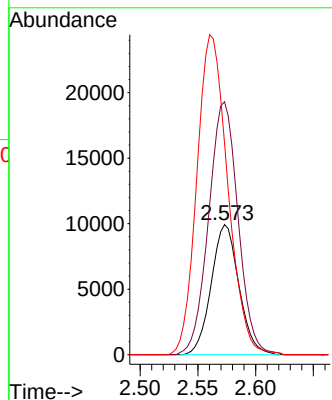
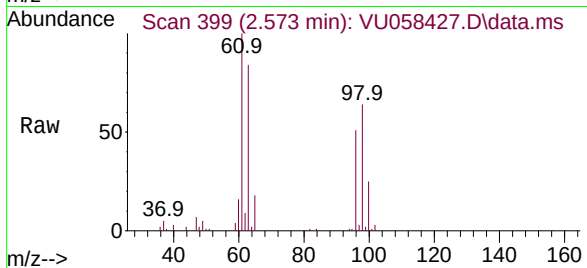
Tgt Ion: 96 Resp: 16538

Ion Ratio Lower Upper

96 100

61 194.4 132.5 246.1

63 162.8 87.7 162.9



#16

Methylene chloride

Concen: 0.497 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU058427.D

Acq: 05 Apr 2024 18:20

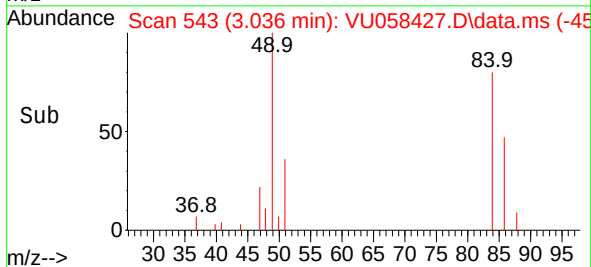
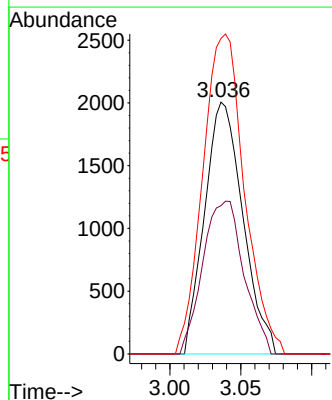
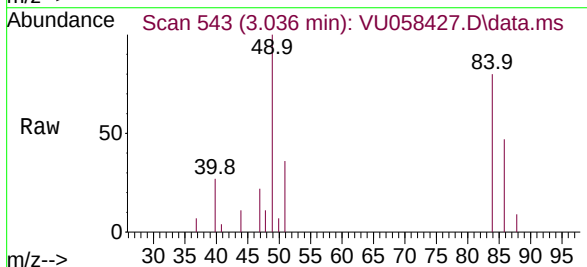
Tgt Ion: 84 Resp: 3771

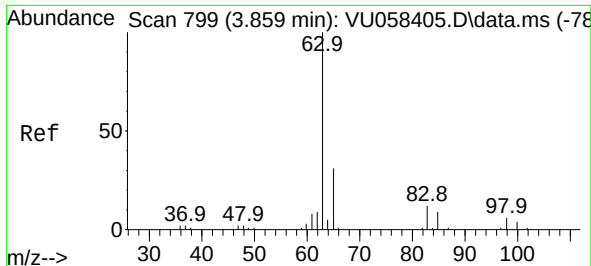
Ion Ratio Lower Upper

84 100

86 58.9 44.3 82.3

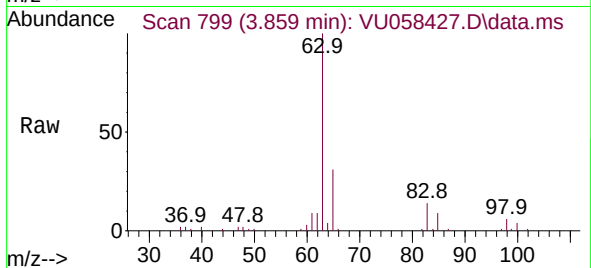
49 125.3 96.0 178.2



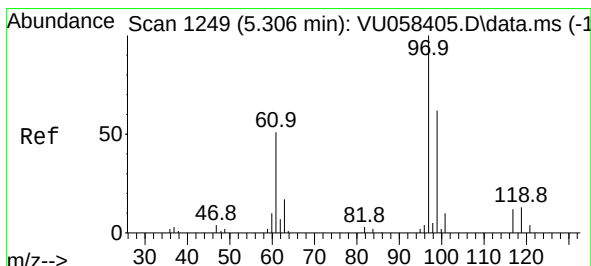
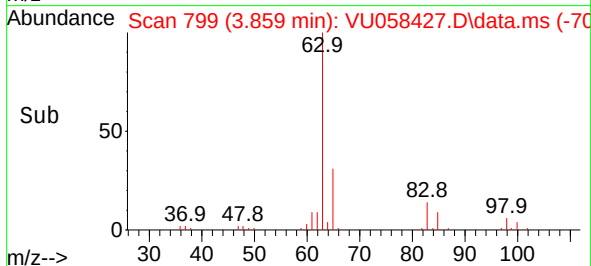
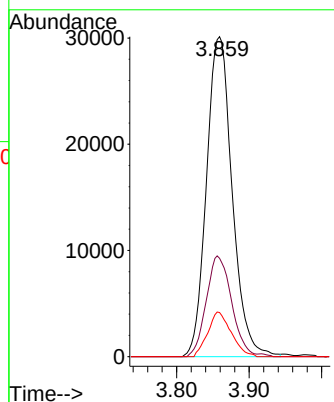


#19
1,1-Dichloroethane
Concen: 5.674 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU058427.D
Acq: 05 Apr 2024 18:20

Instrument :
MSVOA_U
ClientSampleId :

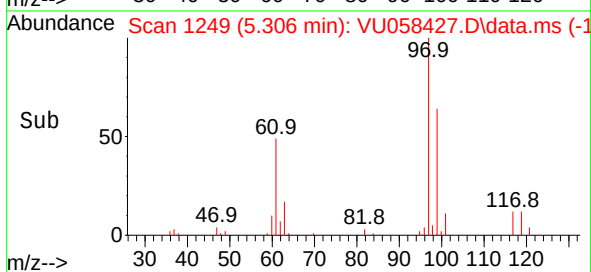
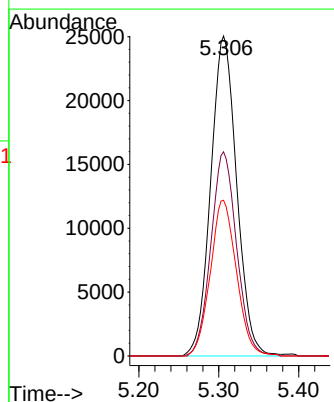
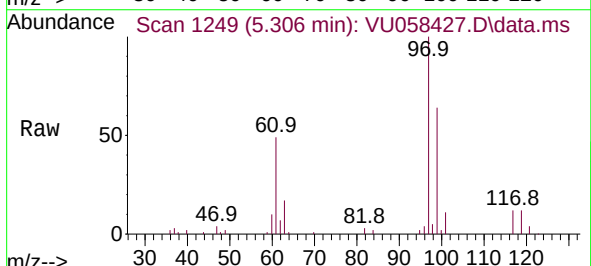


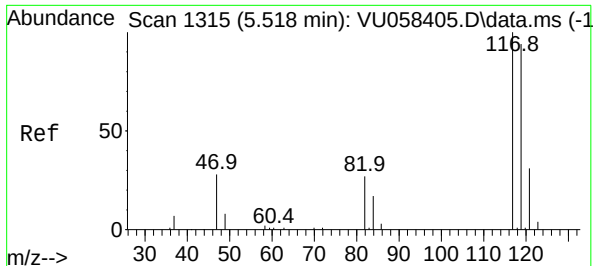
Tgt Ion:	63	Resp:	74224
Ion Ratio	Lower	Upper	
63	100		
65	30.7	22.9	42.5
83	13.8	9.6	17.8



#29
1,1,1-Trichloroethane
Concen: 5.438 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058427.D
Acq: 05 Apr 2024 18:20

Tgt Ion:	97	Resp:	56452
Ion Ratio	Lower	Upper	
97	100		
99	63.3	50.4	75.6
61	49.0	39.4	59.0

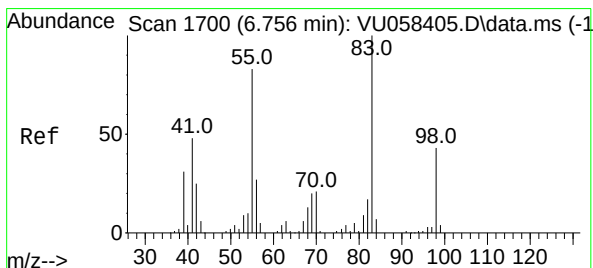
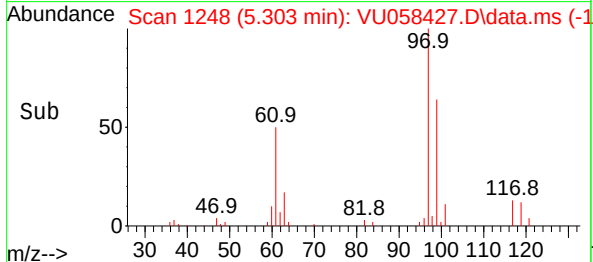
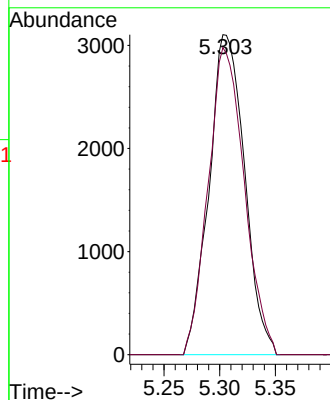
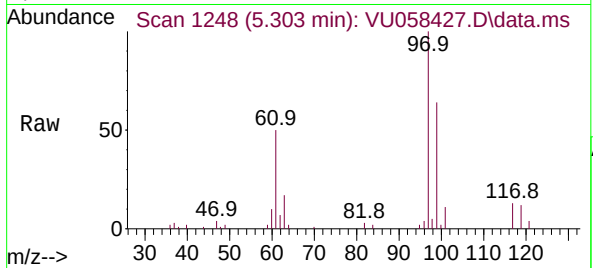




#31
Carbon tetrachloride
Concen: 0.785 ug/L
RT: 5.303 min Scan# 117
Delta R.T. -0.216 min
Lab File: VU058427.D
Acq: 05 Apr 2024 18:20

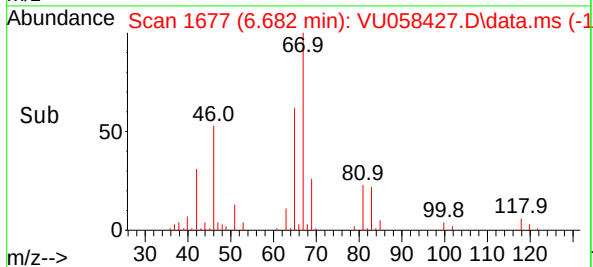
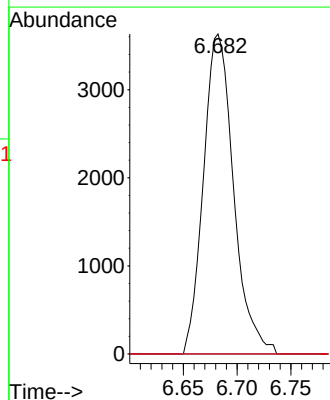
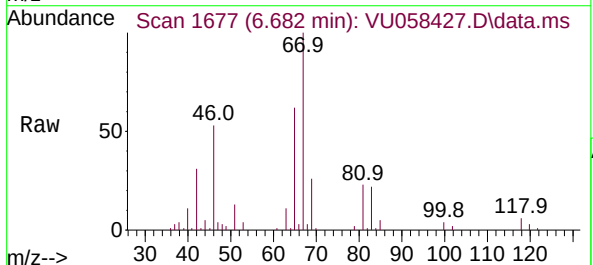
Instrument :
MSVOA_U
ClientSampleId :

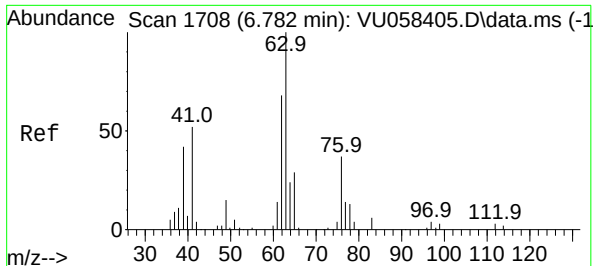
Tgt Ion:117 Resp: 6898
Ion Ratio Lower Upper
117 100
119 97.6 76.7 115.1



#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058427.D
Acq: 05 Apr 2024 18:20

Tgt Ion: 83 Resp: 7090
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

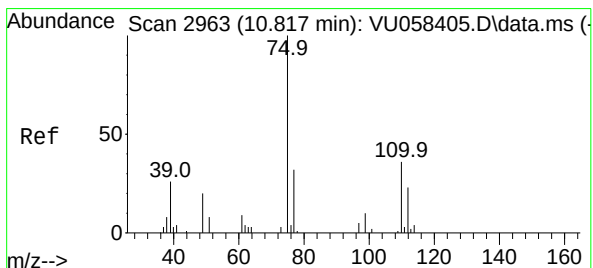
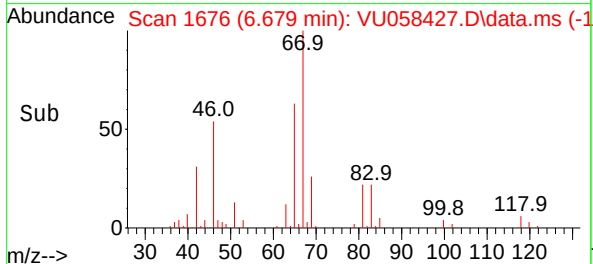
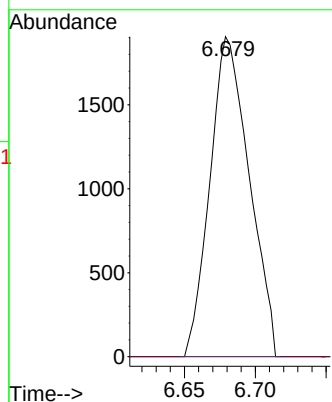
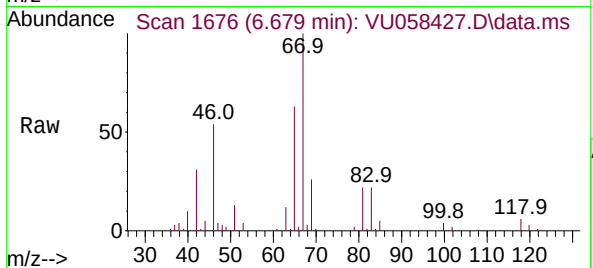




#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058427.D
Acq: 05 Apr 2024 18:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3677
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.361 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058427.D
Acq: 05 Apr 2024 18:20

Tgt Ion: 75 Resp: 4600
Ion Ratio Lower Upper
75 100
110 0.4 25.8 38.6#
77 33.3 25.1 37.7

