

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058416.D
 Acq On : 05 Apr 2024 13:39
 Operator : MD/SY
 Sample : P1948-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:35:49 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)

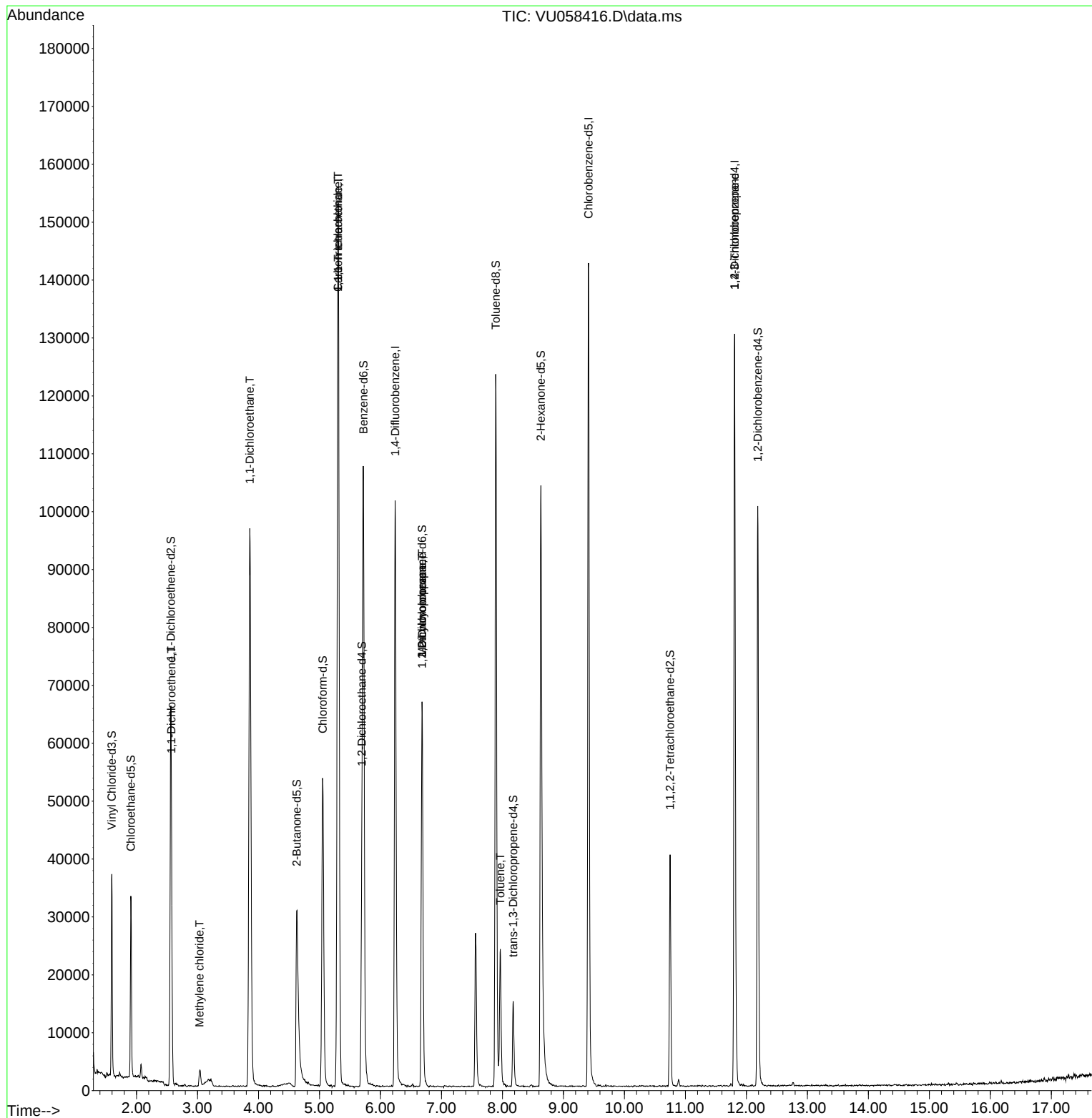
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80617	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79159	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23851	4.469	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.907	69	21794	4.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.563	65	11148	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.628	46	54103	48.100	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.200%
24) Chloroform-d	5.052	84	50296	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	24379	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	98737	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.682	67	31896	4.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.891	98	82597	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	9136	4.404	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.631	63	37380	43.684	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20456	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	26548	4.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	6064	1.061	ug/L #	1
16) Methylene chloride	3.033	84	1372	0.181	ug/L	93
19) 1,1-Dichloroethane	3.859	63	113924	8.717	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	108496	10.223	ug/L	98
31) Carbon tetrachloride	5.306	117	13340	1.484	ug/L	99
35) Methylcyclohexane	6.682	83	6616	0.607	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	3501	0.464	ug/L #	90
42) Toluene	7.965	91	17972	0.597	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	5101	1.515	ug/L #	68

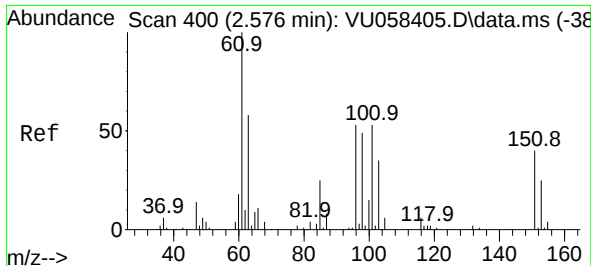
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.061 ug/L

RT: 2.573 min Scan# 30

Delta R.T. -0.003 min

Lab File: VU058416.D

Acq: 05 Apr 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

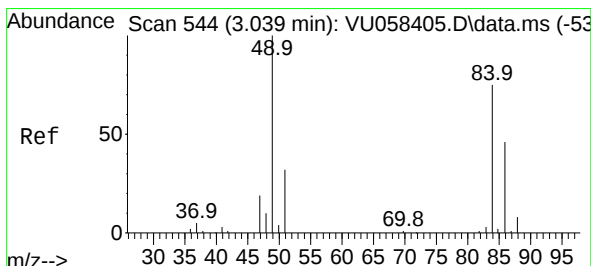
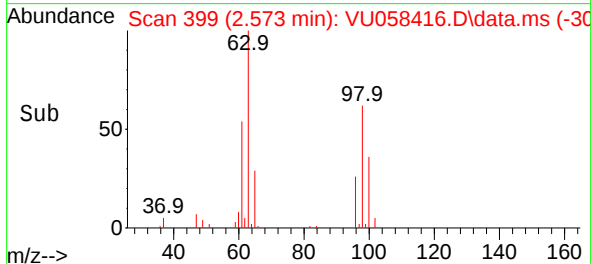
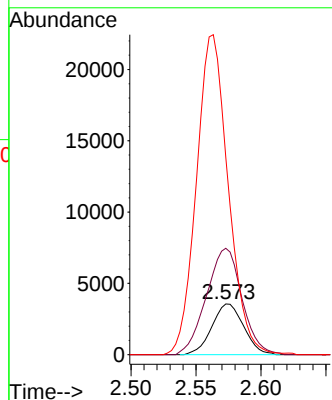
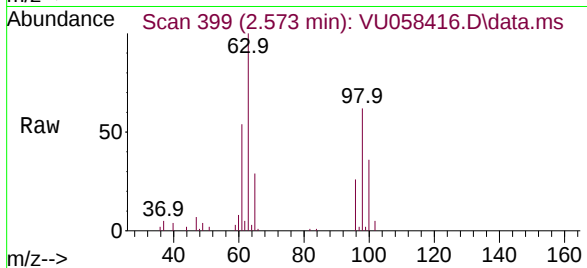
Tgt Ion: 96 Resp: 6064

Ion Ratio Lower Upper

96 100

61 209.4 132.5 246.1

63 388.5 87.7 162.9#



#16

Methylene chloride

Concen: 0.181 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.007 min

Lab File: VU058416.D

Acq: 05 Apr 2024 13:39

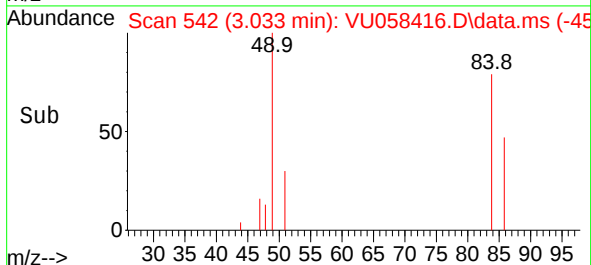
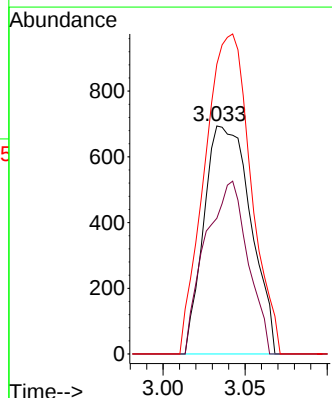
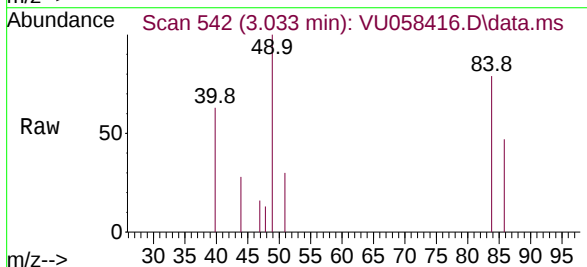
Tgt Ion: 84 Resp: 1372

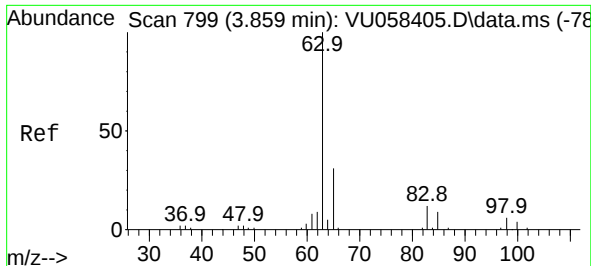
Ion Ratio Lower Upper

84 100

86 59.5 44.3 82.3

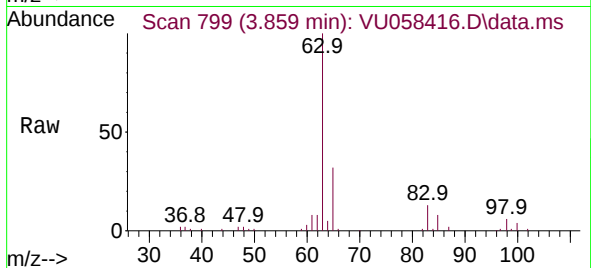
49 127.1 96.0 178.2



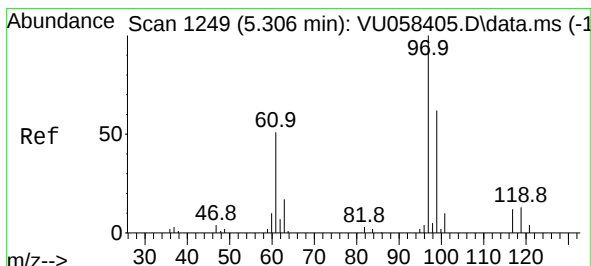
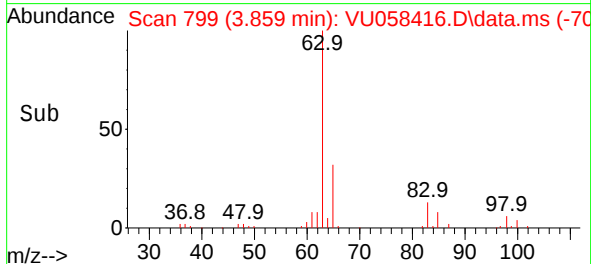
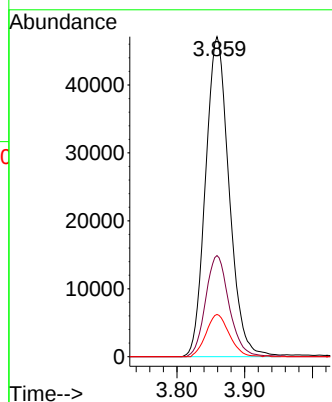


#19
1,1-Dichloroethane
Concen: 8.717 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU058416.D
Acq: 05 Apr 2024 13:39

Instrument :
MSVOA_U
ClientSampleId :

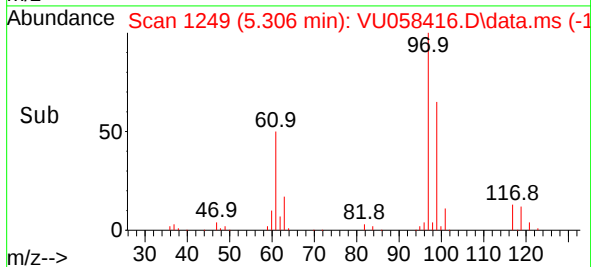
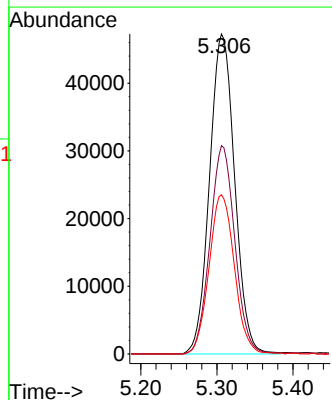
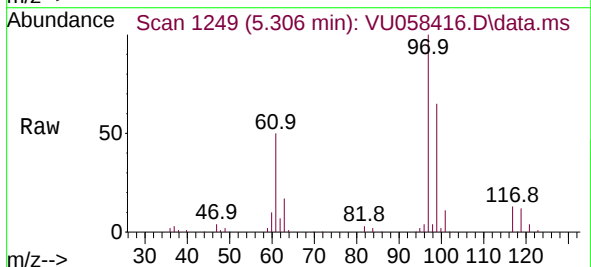


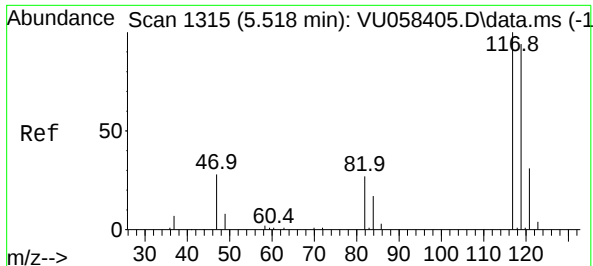
Tgt Ion: 63 Resp: 113924
Ion Ratio Lower Upper
63 100
65 31.6 22.9 42.5
83 13.2 9.6 17.8



#29
1,1,1-Trichloroethane
Concen: 10.223 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058416.D
Acq: 05 Apr 2024 13:39

Tgt Ion: 97 Resp: 108496
Ion Ratio Lower Upper
97 100
99 64.4 50.4 75.6
61 50.2 39.4 59.0

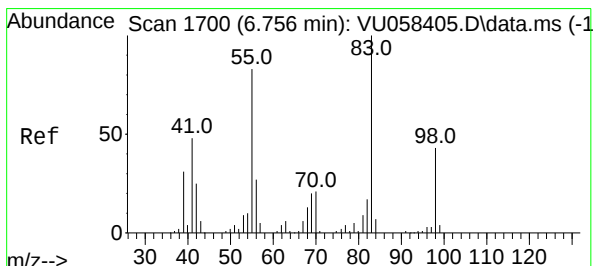
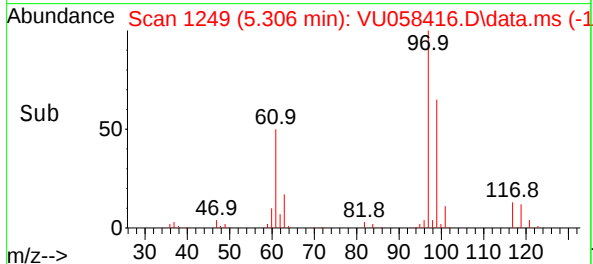
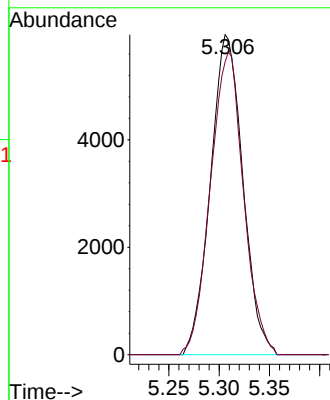
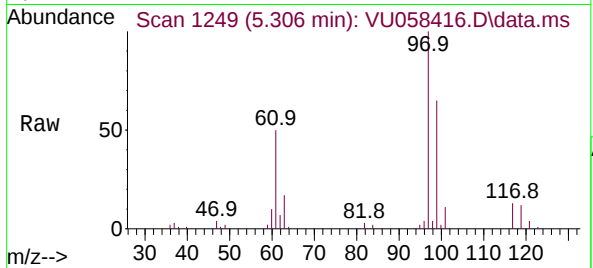




#31
Carbon tetrachloride
Concen: 1.484 ug/L
RT: 5.306 min Scan# 1677
Delta R.T. -0.212 min
Lab File: VU058416.D
Acq: 05 Apr 2024 13:39

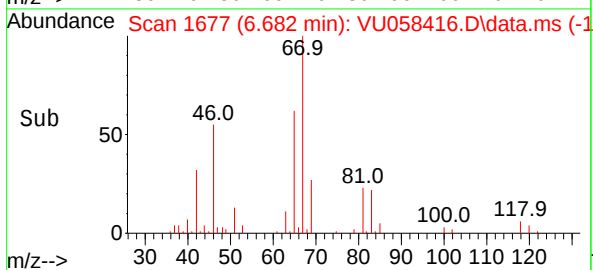
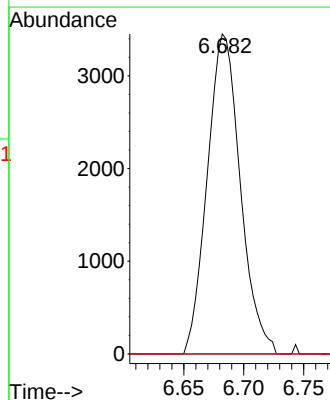
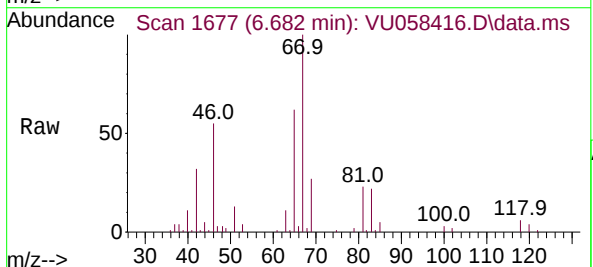
Instrument :
MSVOA_U
ClientSampleId :

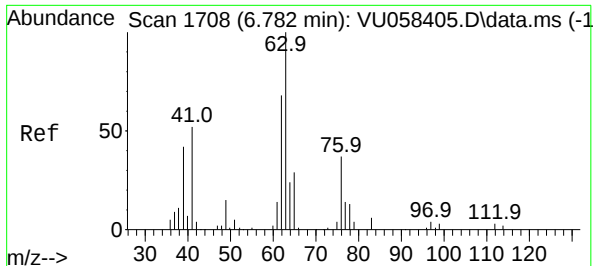
Tgt Ion:117 Resp: 13340
Ion Ratio Lower Upper
117 100
119 96.5 76.7 115.1



#35
Methylcyclohexane
Concen: 0.607 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058416.D
Acq: 05 Apr 2024 13:39

Tgt Ion: 83 Resp: 6616
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.3 34.6 52.0#

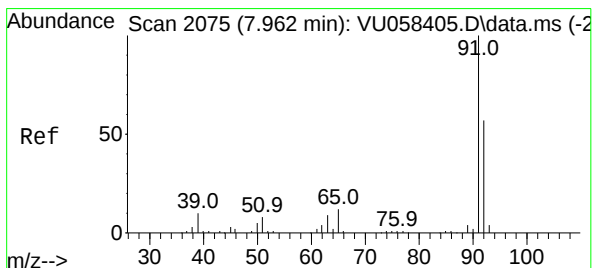
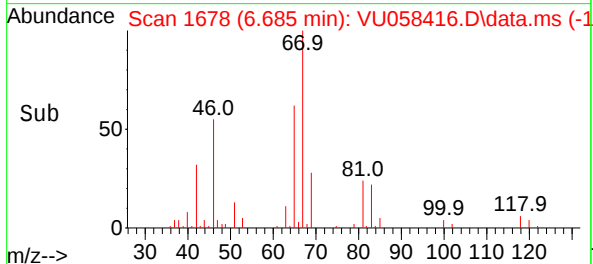
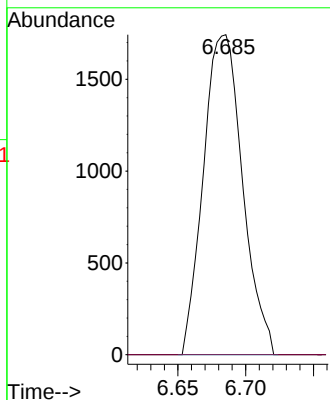
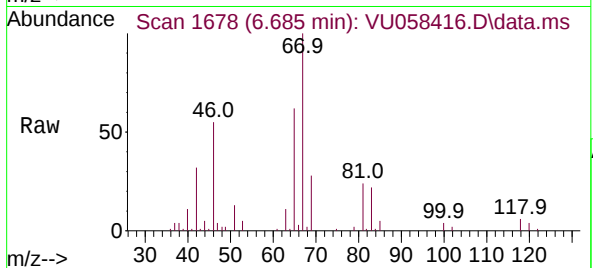




#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU058416.D
Acq: 05 Apr 2024 13:39

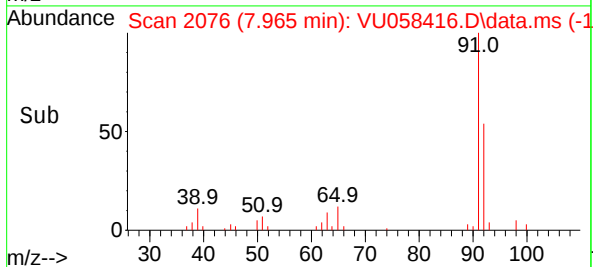
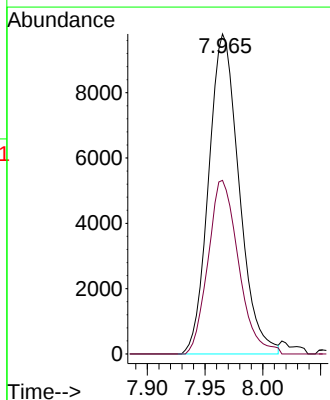
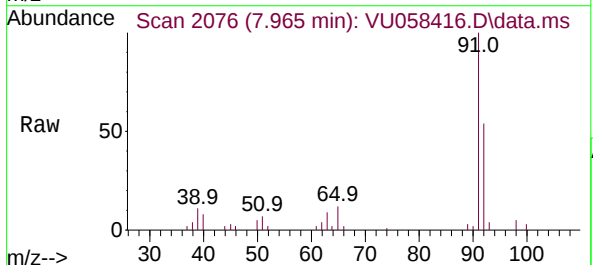
Instrument :
MSVOA_U
ClientSampleId :

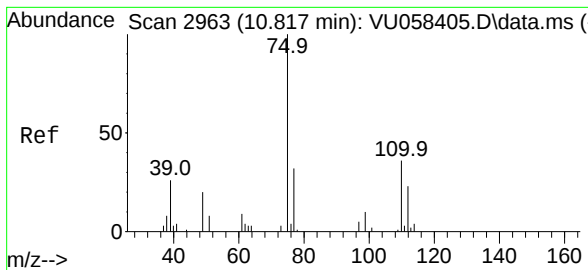
Tgt Ion: 63 Resp: 3501
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#42
Toluene
Concen: 0.597 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU058416.D
Acq: 05 Apr 2024 13:39

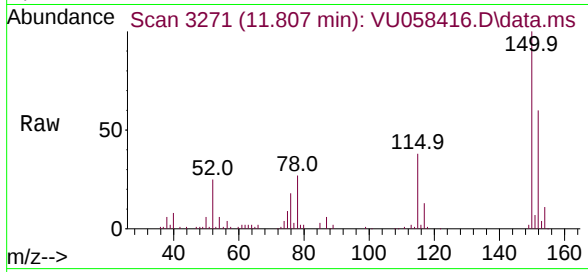
Tgt Ion: 91 Resp: 17972
Ion Ratio Lower Upper
91 100
92 54.2 39.5 73.3





#61
 1,2,3-Trichloropropane
 Concen: 1.515 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058416.D
 Acq: 05 Apr 2024 13:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5101
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 28.7 25.1 37.7

