

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058563.D
 Acq On : 10 Apr 2024 16:32
 Operator : MD/SY
 Sample : P1948-15DL 1000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:32:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

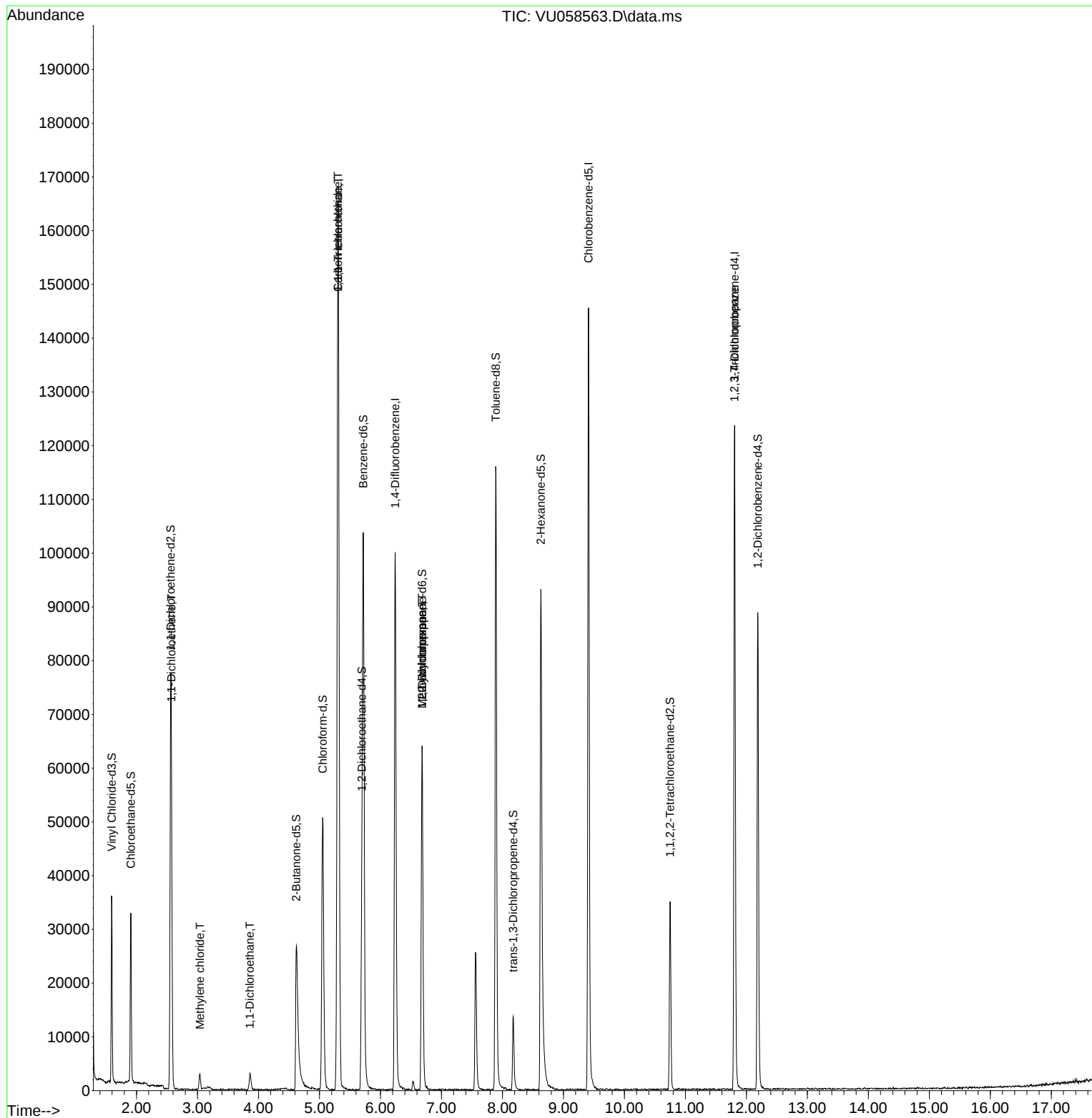
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23051	4.412	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.907	69	21524	4.741	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	10961	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.621	46	48379	43.941	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.880%
24) Chloroform-d	5.052	84	48278	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	23373	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.717	84	94651	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	30907	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.891	98	76636	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.177	79	8289	4.105	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.630	63	33425	40.130	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18250	3.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	23361	4.254	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	11782	2.107	ug/L #	65
16) Methylene chloride	3.039	84	1327	0.179	ug/L	91
19) 1,1-Dichloroethane	3.859	63	4002	0.313	ug/L	93
29) 1,1,1-Trichloroethane	5.306	97	115457	11.176	ug/L	97
31) Carbon tetrachloride	5.306	117	14184	1.621	ug/L	99
35) Methylcyclohexane	6.685	83	6488	0.612	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3521	0.479	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4544	1.366	ug/L #	71

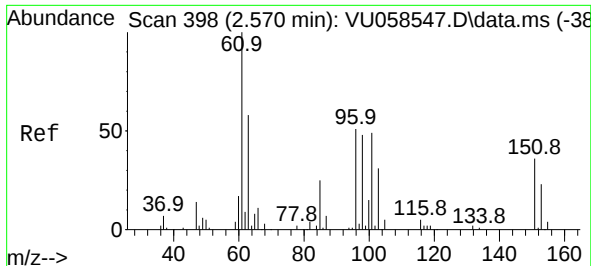
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 01:28:06 2024
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#12

1,1-Dichloroethene

Concen: 2.107 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU058563.D

Acq: 10 Apr 2024 16:32

Instrument :

MSVOA_U

ClientSampleId :

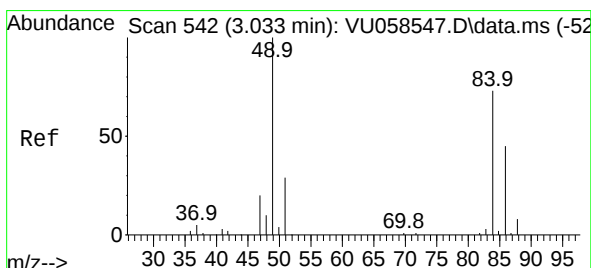
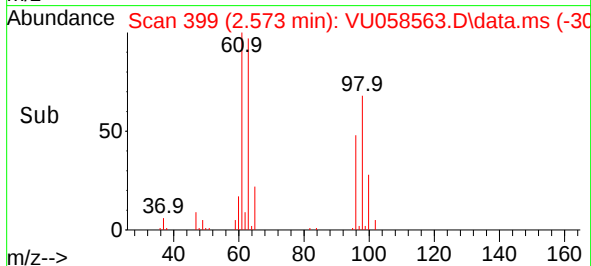
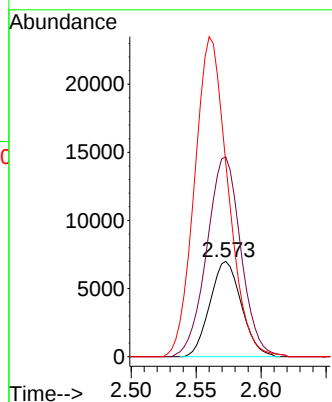
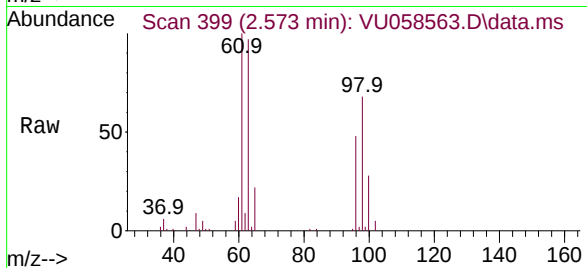
Tgt Ion: 96 Resp: 11782

Ion Ratio Lower Upper

96 100

61 209.6 132.5 246.1

63 202.8 87.7 162.9#



#16

Methylene chloride

Concen: 0.179 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.006 min

Lab File: VU058563.D

Acq: 10 Apr 2024 16:32

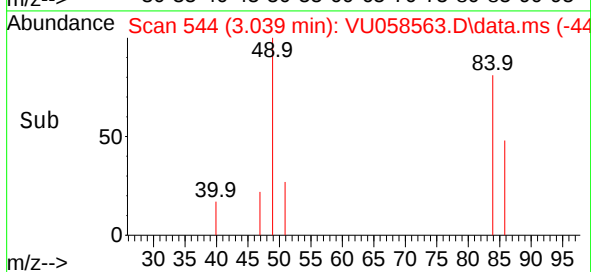
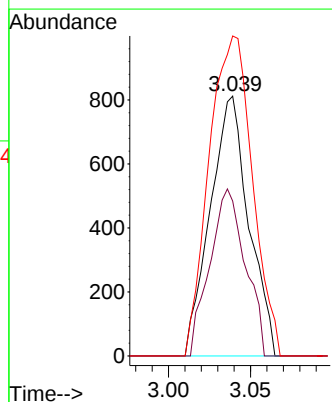
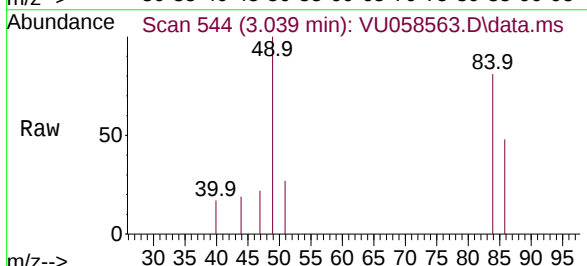
Tgt Ion: 84 Resp: 1327

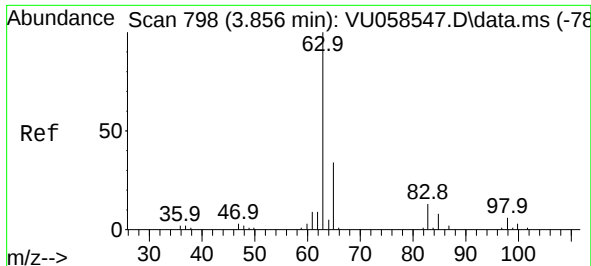
Ion Ratio Lower Upper

84 100

86 59.6 44.3 82.3

49 123.2 96.0 178.2





#19

1,1-Dichloroethane

Concen: 0.313 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU058563.D

Acq: 10 Apr 2024 16:32

Instrument :

MSVOA_U

ClientSampleId :

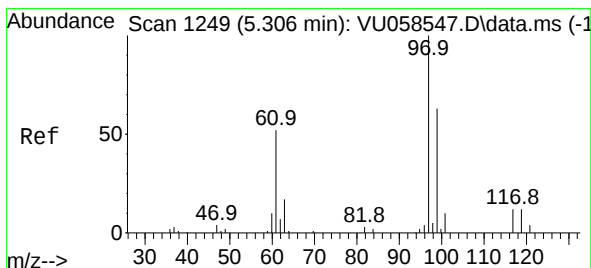
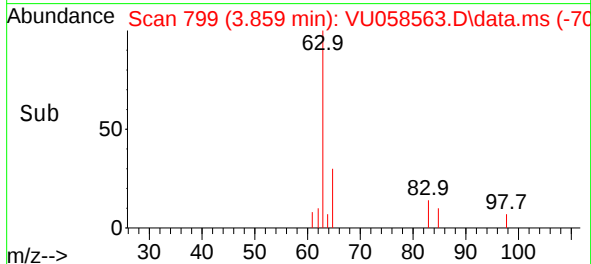
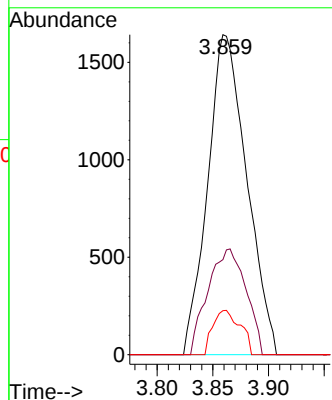
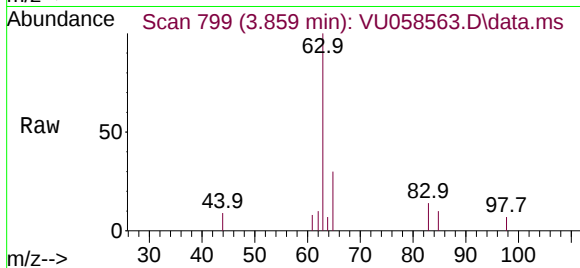
Tgt Ion: 63 Resp: 4002

Ion Ratio Lower Upper

63 100

65 27.7 22.9 42.5

83 12.8 9.6 17.8



#29

1,1,1-Trichloroethane

Concen: 11.176 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU058563.D

Acq: 10 Apr 2024 16:32

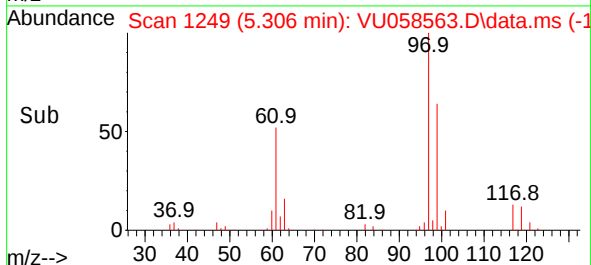
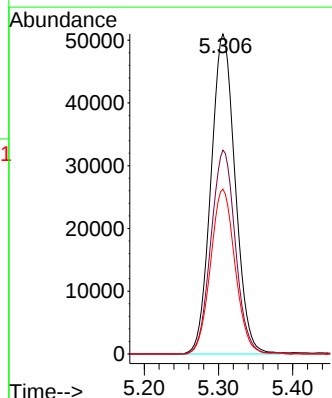
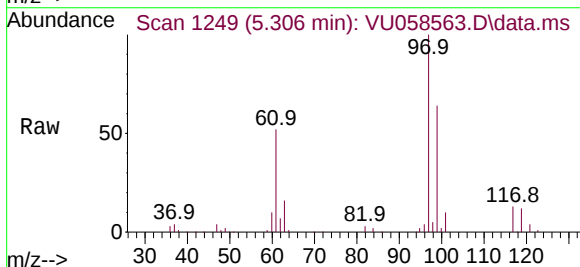
Tgt Ion: 97 Resp: 115457

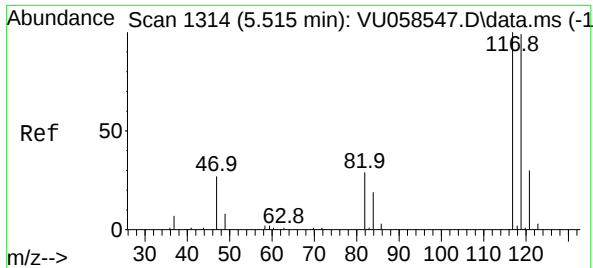
Ion Ratio Lower Upper

97 100

99 64.2 50.4 75.6

61 52.0 39.4 59.0

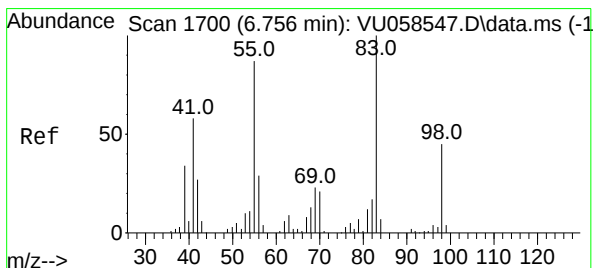
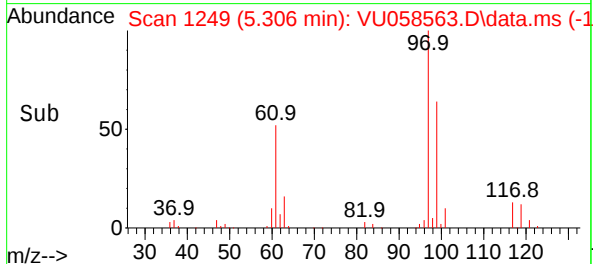
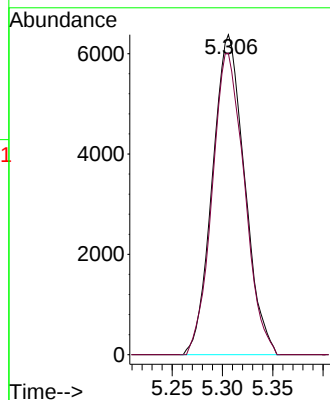
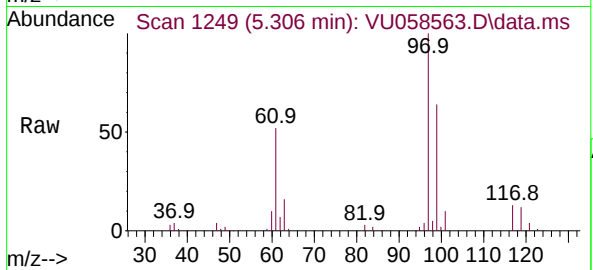




#31
Carbon tetrachloride
Concen: 1.621 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU058563.D
Acq: 10 Apr 2024 16:32

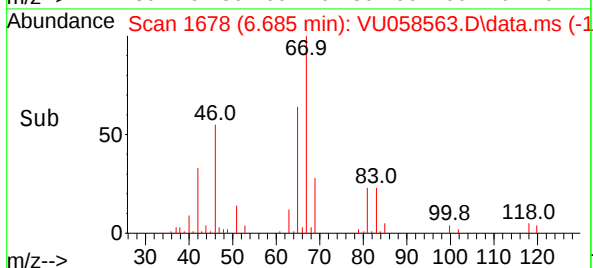
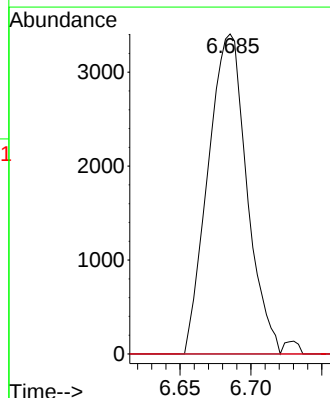
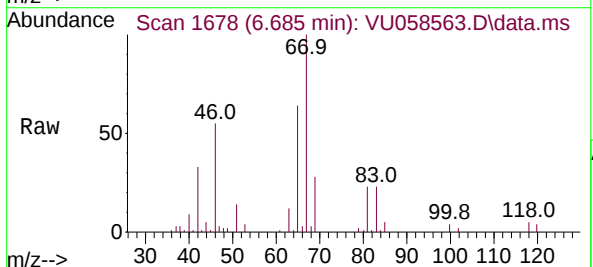
Instrument :
MSVOA_U
ClientSampleId :

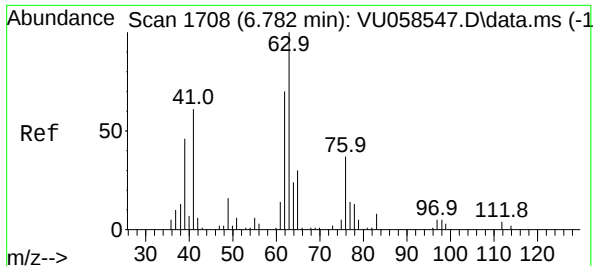
Tgt Ion:117 Resp: 14184
Ion Ratio Lower Upper
117 100
119 94.4 76.7 115.1



#35
Methylcyclohexane
Concen: 0.612 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058563.D
Acq: 10 Apr 2024 16:32

Tgt Ion: 83 Resp: 6488
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

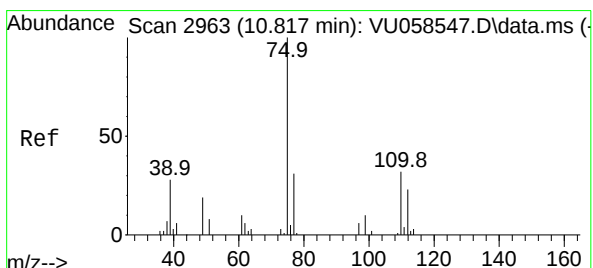
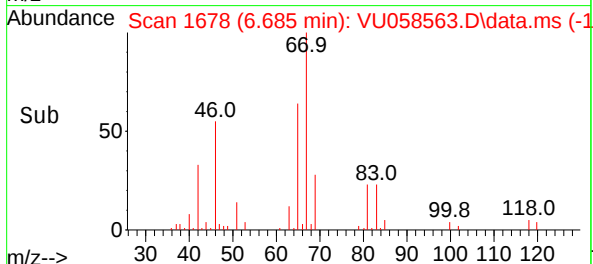
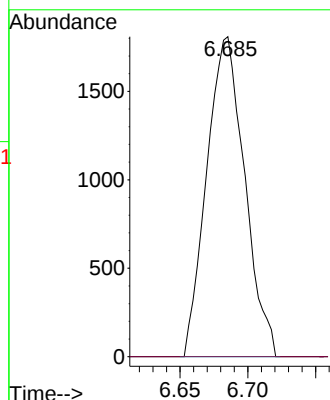
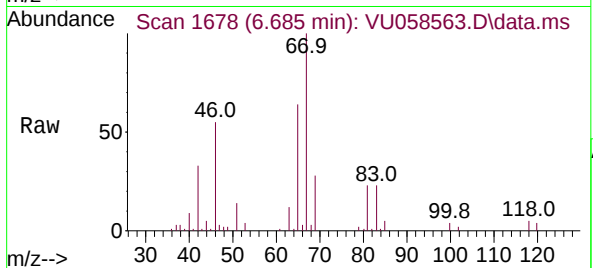




#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU058563.D
Acq: 10 Apr 2024 16:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3521
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.366 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU058563.D
Acq: 10 Apr 2024 16:32

Tgt Ion: 75 Resp: 4544
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 31.7 25.1 37.7

