

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058555.D
 Acq On : 10 Apr 2024 13:25
 Operator : MD/SY
 Sample : P1948-15DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:30:39 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)

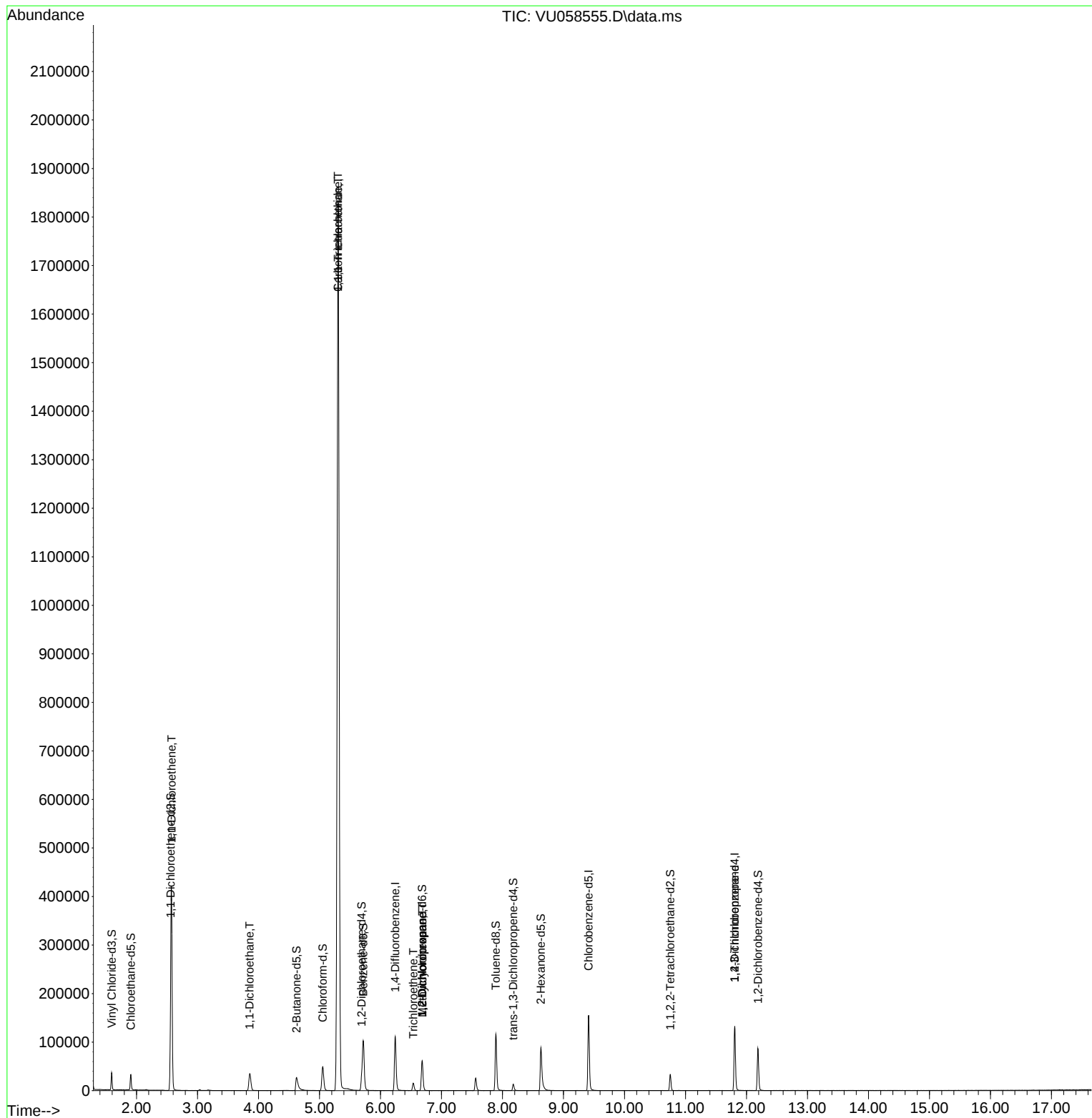
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85801	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24013	4.227	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.907	69	21601	4.376	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	10909	4.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.624	46	43423	36.273	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.540%
24) Chloroform-d	5.052	84	46634	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.692	65	22715	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.717	84	93688	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.682	67	29118	4.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.891	98	76940	3.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.177	79	8408	3.841	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.627	63	31298	34.666	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17057	3.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	22155	3.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.200%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	122860	20.205	ug/L #	80
19) 1,1-Dichloroethane	3.856	63	41209	2.963	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	1274324	113.800	ug/L	98
31) Carbon tetrachloride	5.306	117	156909	16.546	ug/L	99
34) Trichloroethene	6.537	95	5475	0.717	ug/L	94
35) Methylcyclohexane	6.685	83	6276	0.546	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	3230	0.405	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4941	1.422	ug/L #	70

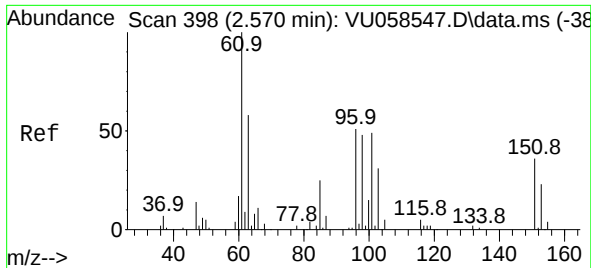
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 11 01:28:06 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 20.205 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU058555.D

Acq: 10 Apr 2024 13:25

Instrument :

MSVOA_U

ClientSampleId :

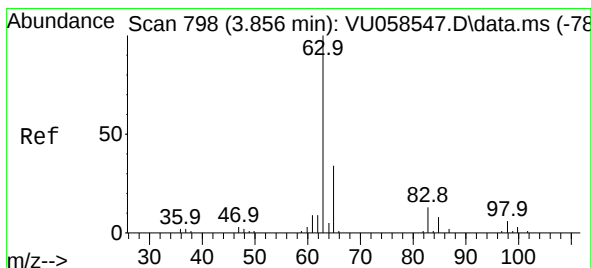
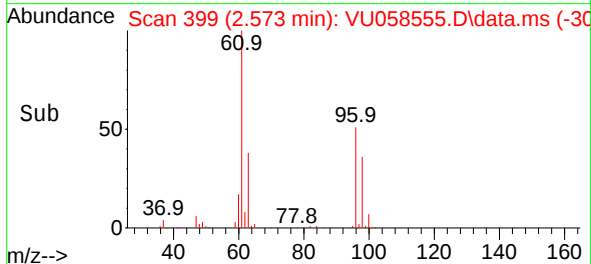
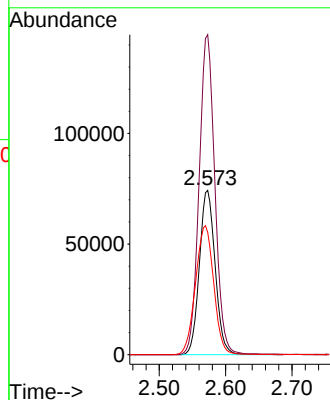
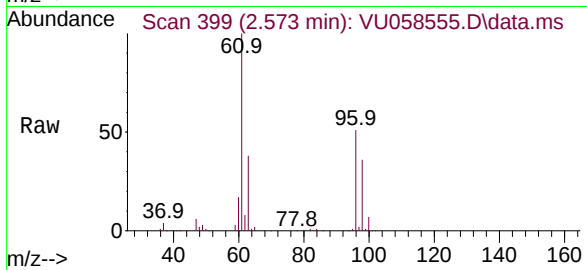
Tgt Ion: 96 Resp: 122860

Ion Ratio Lower Upper

96 100

61 194.6 132.5 246.1

63 74.3 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 2.963 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.000 min

Lab File: VU058555.D

Acq: 10 Apr 2024 13:25

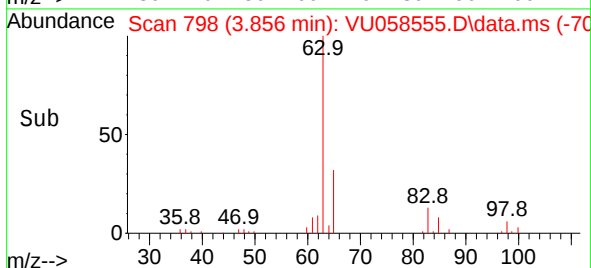
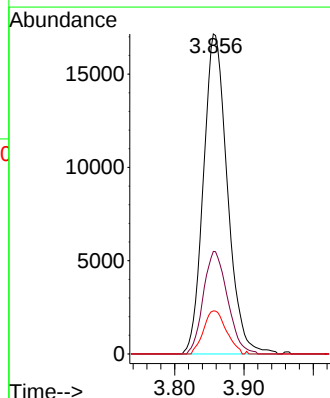
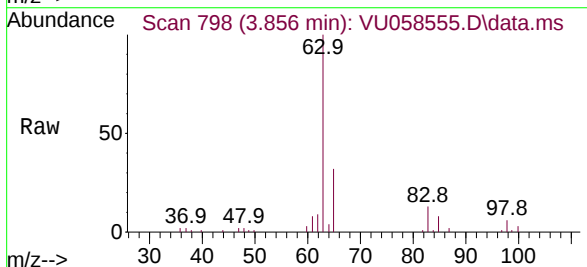
Tgt Ion: 63 Resp: 41209

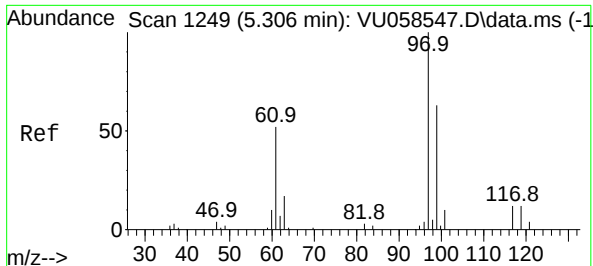
Ion Ratio Lower Upper

63 100

65 32.0 22.9 42.5

83 13.4 9.6 17.8

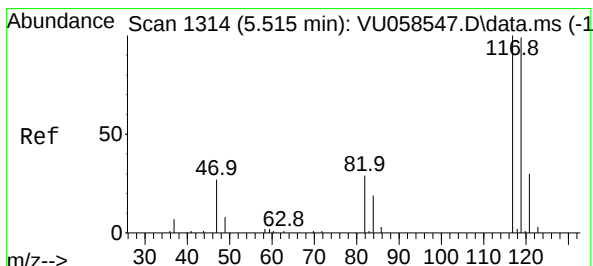
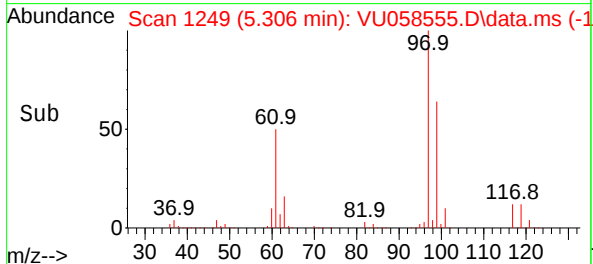
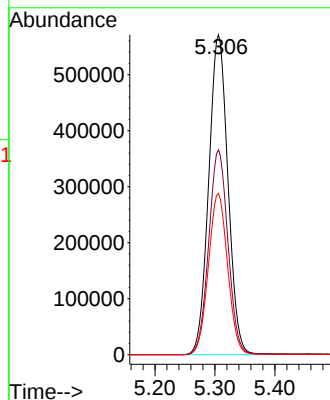
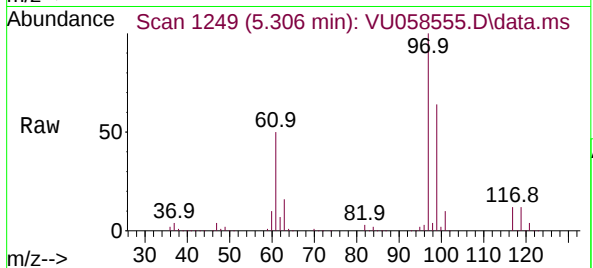




#29
1,1,1-Trichloroethane
Concen: 113.800 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058555.D
Acq: 10 Apr 2024 13:25

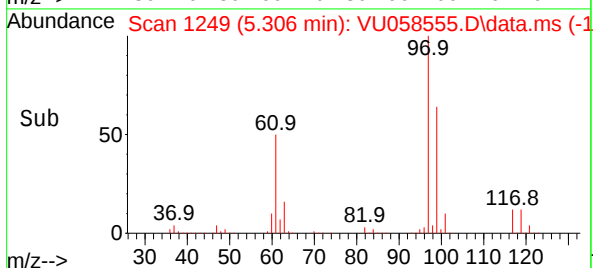
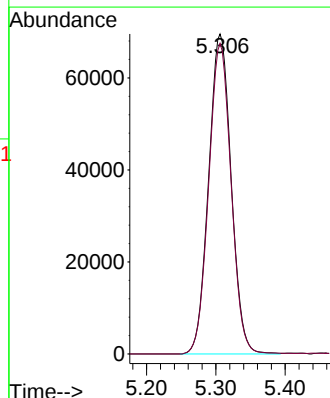
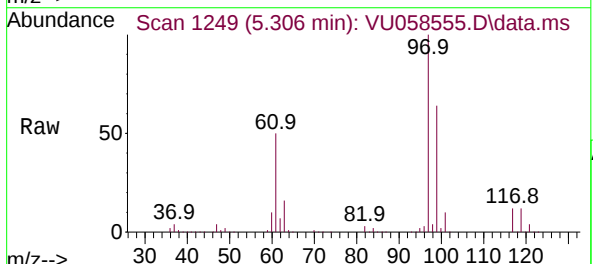
Instrument :
MSVOA_U
ClientSampleId :

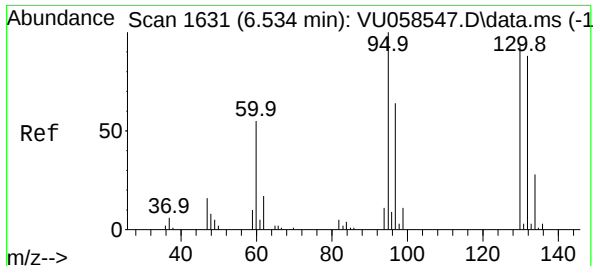
Tgt Ion: 97 Resp: 1274324
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 50.5 39.4 59.0



#31
Carbon tetrachloride
Concen: 16.546 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058555.D
Acq: 10 Apr 2024 13:25

Tgt Ion: 117 Resp: 156909
Ion Ratio Lower Upper
117 100
119 96.5 76.7 115.1





#34

Trichloroethene

Concen: 0.717 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058555.D

Acq: 10 Apr 2024 13:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 5475

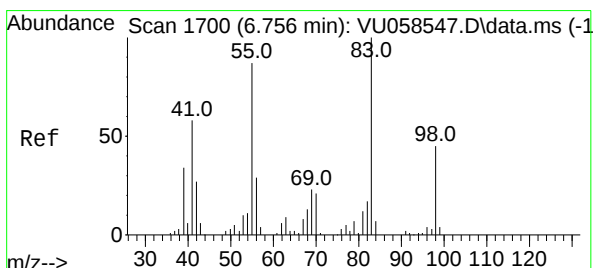
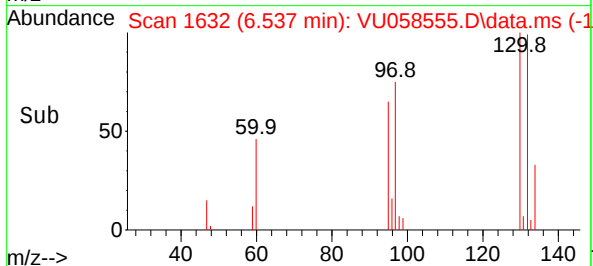
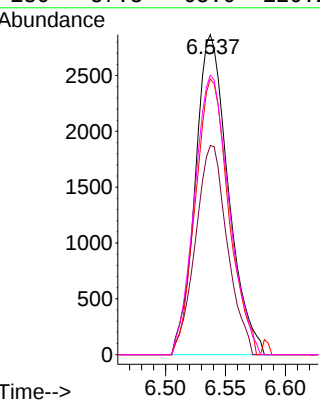
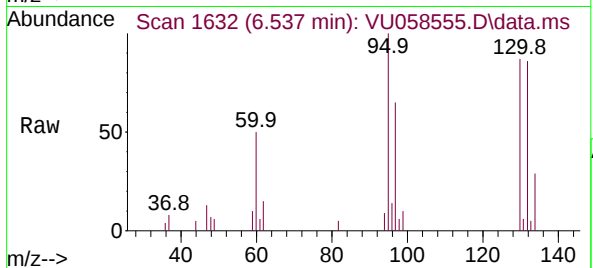
Ion Ratio Lower Upper

95 100

97 65.4 45.6 84.6

132 86.1 64.8 120.3

130 87.3 68.0 126.2



#35

Methylcyclohexane

Concen: 0.546 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058555.D

Acq: 10 Apr 2024 13:25

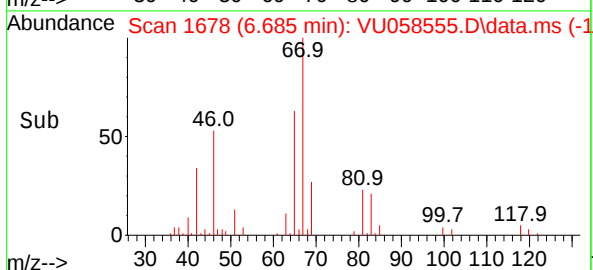
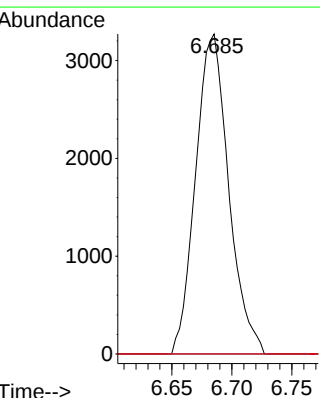
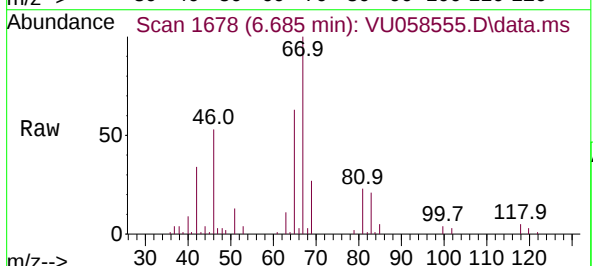
Tgt Ion: 83 Resp: 6276

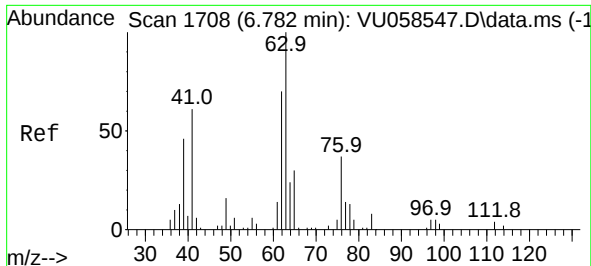
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 5.9 34.6 52.0#

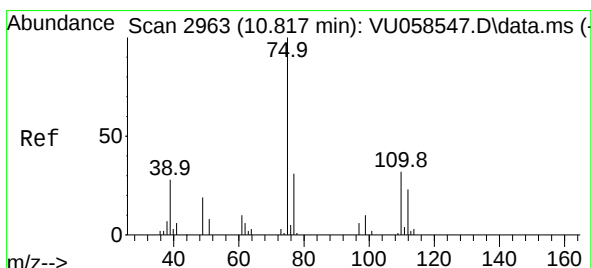
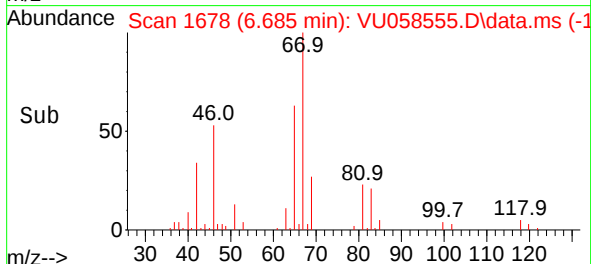
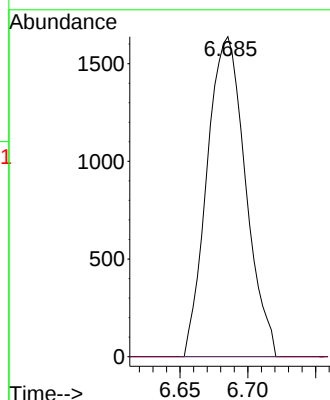
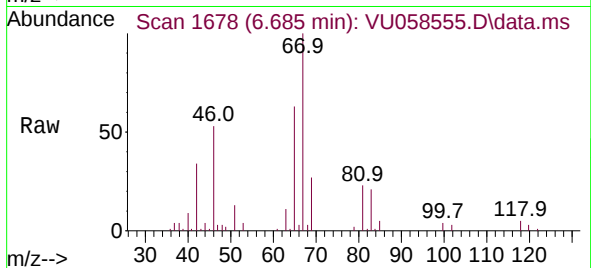




#37
1,2-Dichloropropane
Concen: 0.405 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU058555.D
Acq: 10 Apr 2024 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3230
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.422 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058555.D
Acq: 10 Apr 2024 13:25

Tgt Ion: 75 Resp: 4941
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.7 25.1 37.7

