

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054205.D
 Acq On : 19 May 2023 08:10
 Operator : JC/MD
 Sample : 02843-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWZ0

Quant Time: May 19 09:20:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 04:28:00 2023
 Response via : Initial Calibration

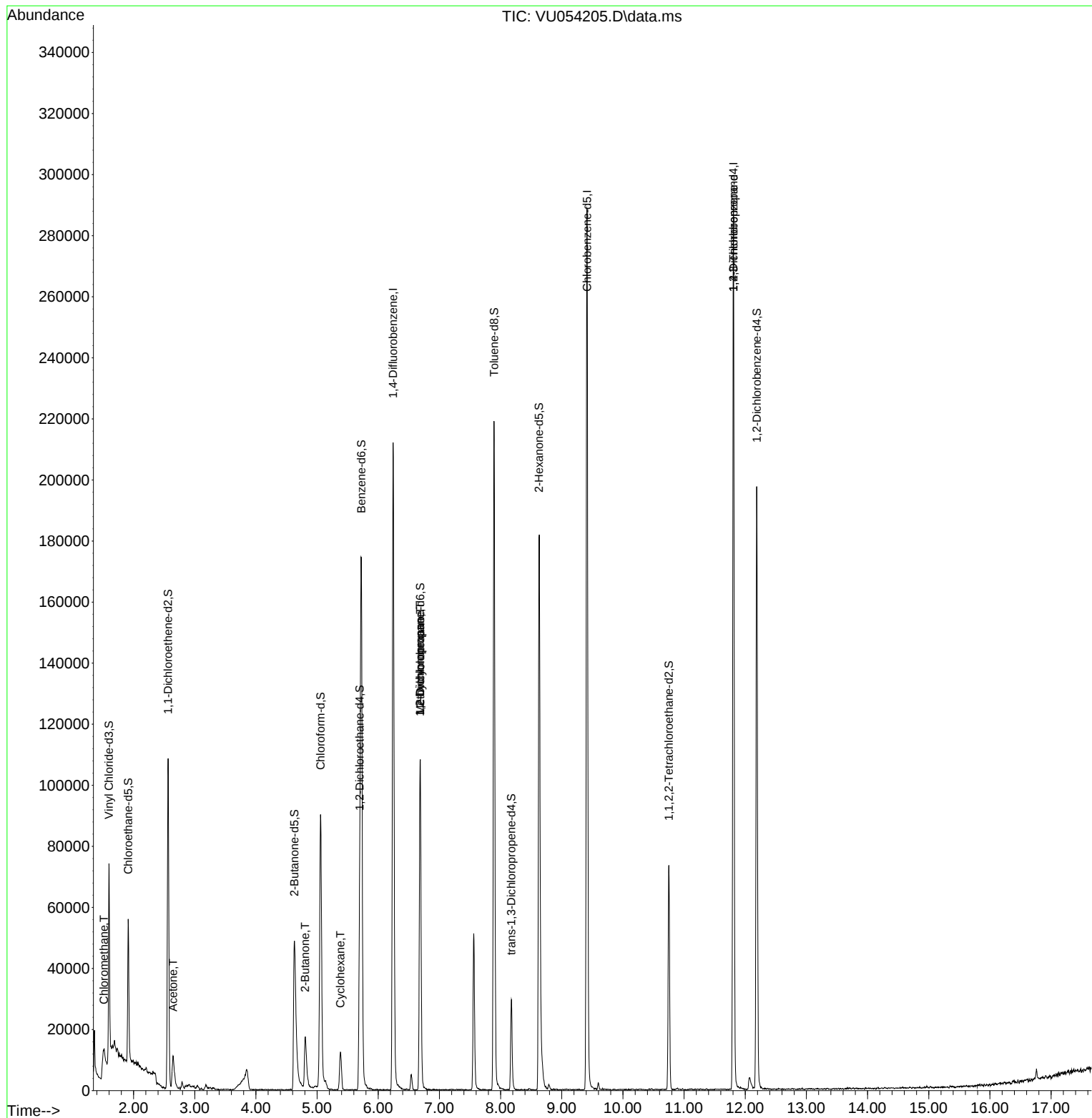
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	178876	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	169180	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46595	4.832	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.912	69	35692	4.947	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.565	65	20298	4.660	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.200%	
20) 2-Butanone-d5	4.629	46	85511	49.721	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.440%	
24) Chloroform-d	5.057	84	85589	4.721	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.697	65	41129	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.722	84	170411	4.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.687	67	52324	5.254	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.000%	
41) Toluene-d8	7.893	98	150353	4.622	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	8.176	79	18899	4.699	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.629	63	63508	53.031	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.060%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	37093	5.197	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	12.188	152	55167	5.523	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1731	0.138	ug/L	98
13) Acetone	2.645	43	18659	7.975	ug/L	95
21) 2-Butanone	4.806	43	26274	8.478	ug/L #	46
30) Cyclohexane	5.382	56	6149	0.357	ug/L	96
35) Methylcyclohexane	6.687	83	12878	0.684	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5646	0.449	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9157	1.380	ug/L #	66

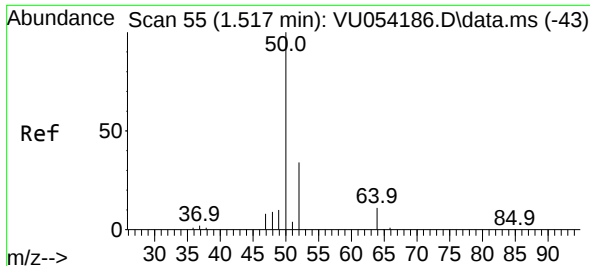
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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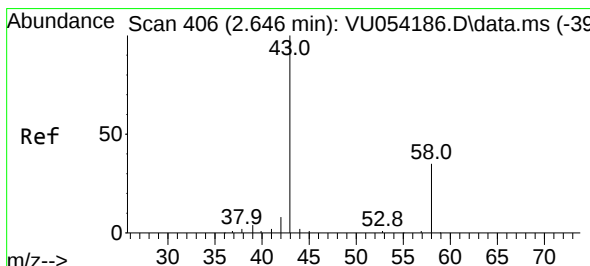
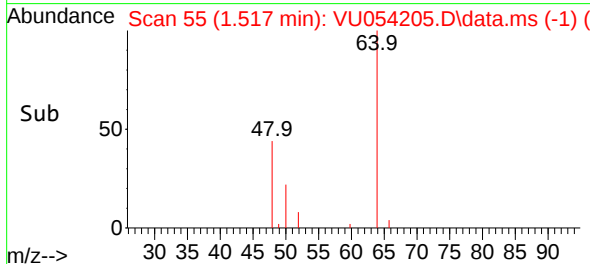
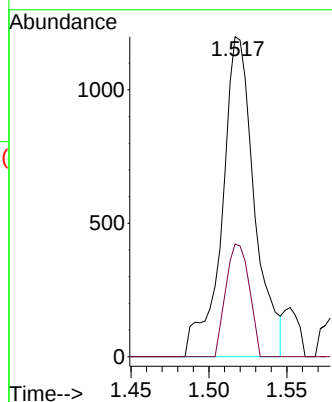
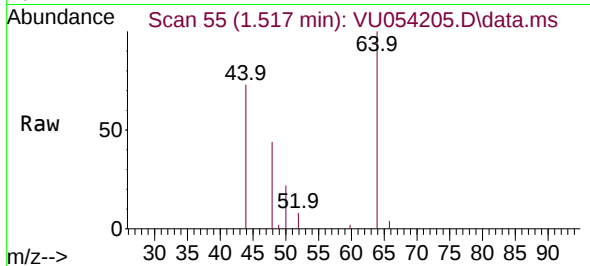




#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU054205.D
Acq: 19 May 2023 08:10

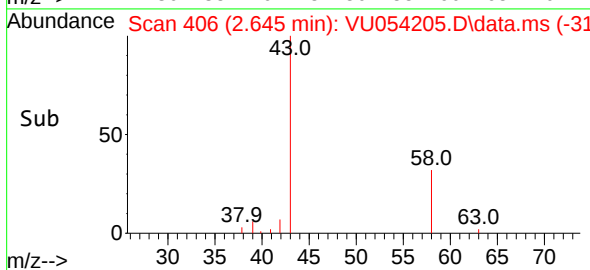
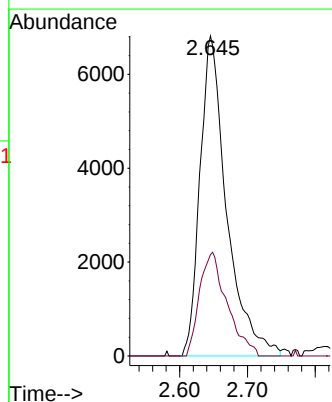
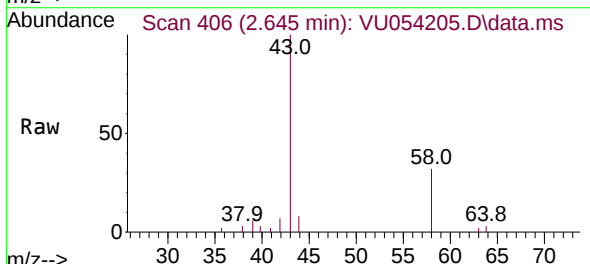
Instrument :
MSVOA_U
ClientSampleId :
GBWZ0

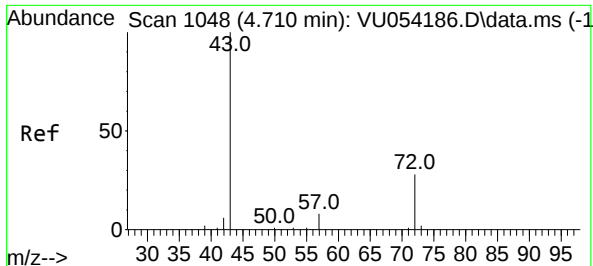
Tgt Ion: 50 Resp: 1731
Ion Ratio Lower Upper
50 100
52 35.2 23.7 44.1



#13
Acetone
Concen: 7.975 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU054205.D
Acq: 19 May 2023 08:10

Tgt Ion: 43 Resp: 18659
Ion Ratio Lower Upper
43 100
58 33.4 0.0 73.2





#21

2-Butanone

Concen: 8.478 ug/L

RT: 4.806 min Scan# 1048

Delta R.T. 0.096 min

Lab File: VU054205.D

Acq: 19 May 2023 08:10

Instrument :

MSVOA_U

ClientSampleId :

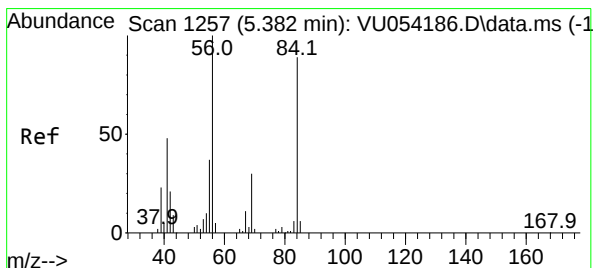
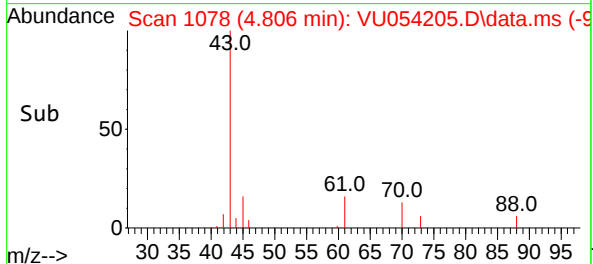
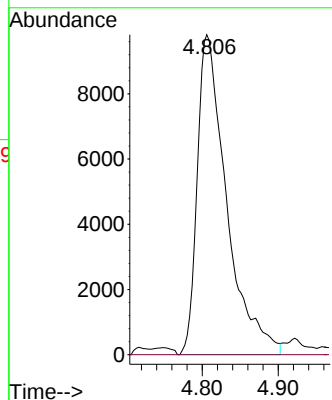
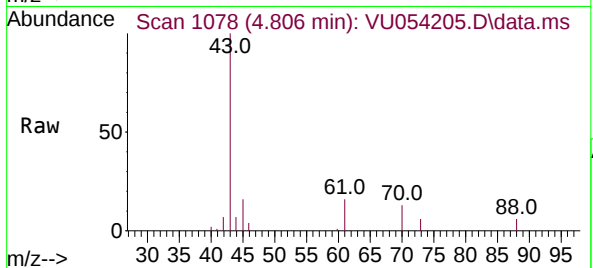
GBWZ0

Tgt Ion: 43 Resp: 26274

Ion Ratio Lower Upper

43 100

72 0.0 14.2 42.8#



#30

Cyclohexane

Concen: 0.357 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU054205.D

Acq: 19 May 2023 08:10

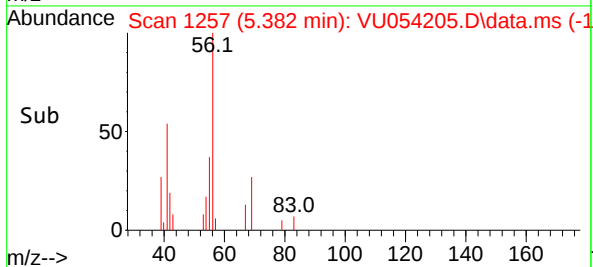
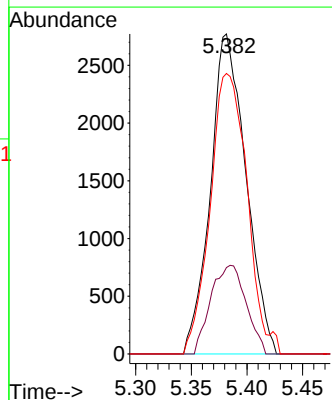
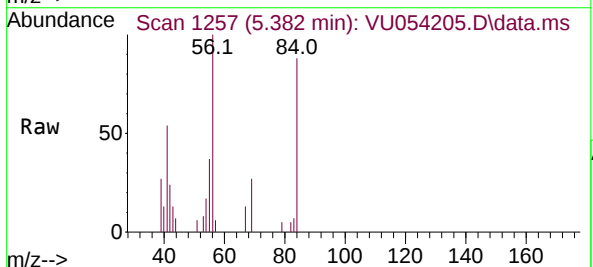
Tgt Ion: 56 Resp: 6149

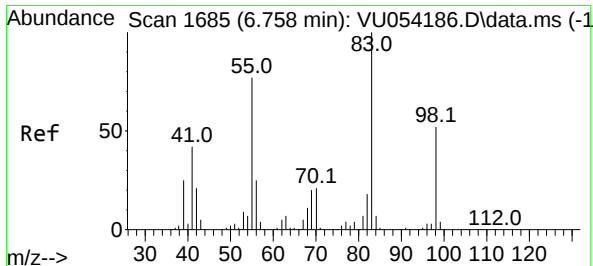
Ion Ratio Lower Upper

56 100

69 27.5 26.2 39.4

84 91.3 74.2 111.4





#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054205.D

Acq: 19 May 2023 08:10

Instrument :

MSVOA_U

ClientSampleId :

GBWZ0

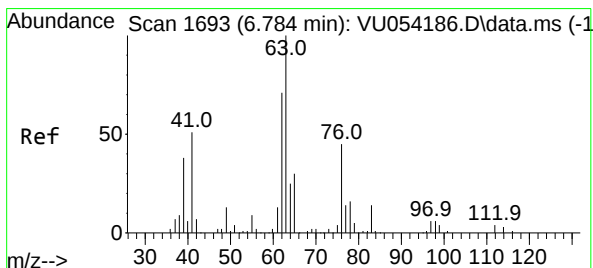
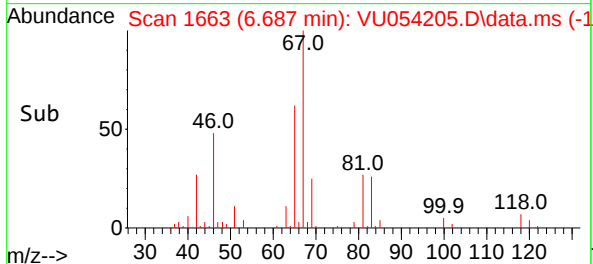
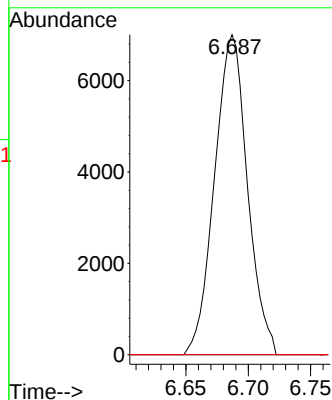
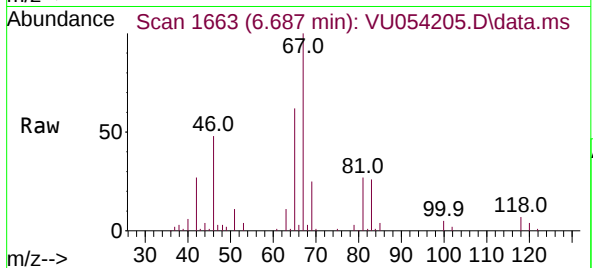
Tgt Ion: 83 Resp: 12878

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.0 41.3 61.9#



#37

1,2-Dichloropropane

Concen: 0.449 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU054205.D

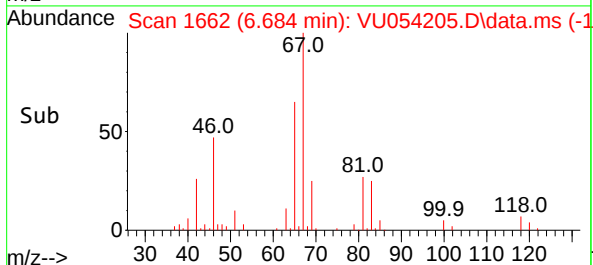
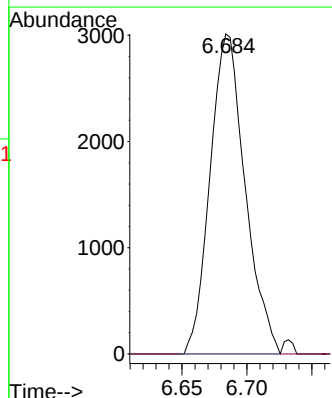
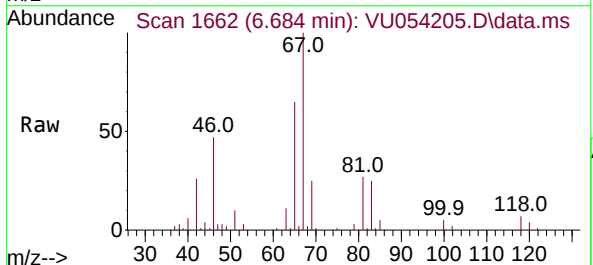
Acq: 19 May 2023 08:10

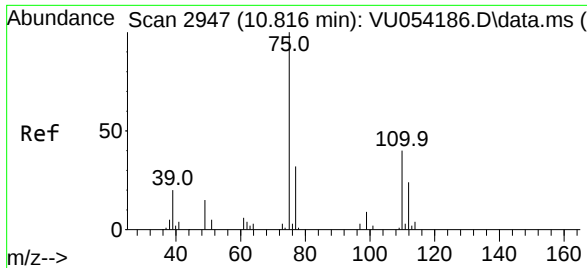
Tgt Ion: 63 Resp: 5646

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.380 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU054205.D
 Acq: 19 May 2023 08:10

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWZ0

Tgt Ion: 75 Resp: 9157
 Ion Ratio Lower Upper
 75 100
 110 2.5 32.3 48.5#
 77 33.1 26.3 39.5

