

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054194.D
 Acq On : 19 May 2023 03:44
 Operator : JC/MD
 Sample : 02843-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWX9

Quant Time: May 19 06:20:14 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

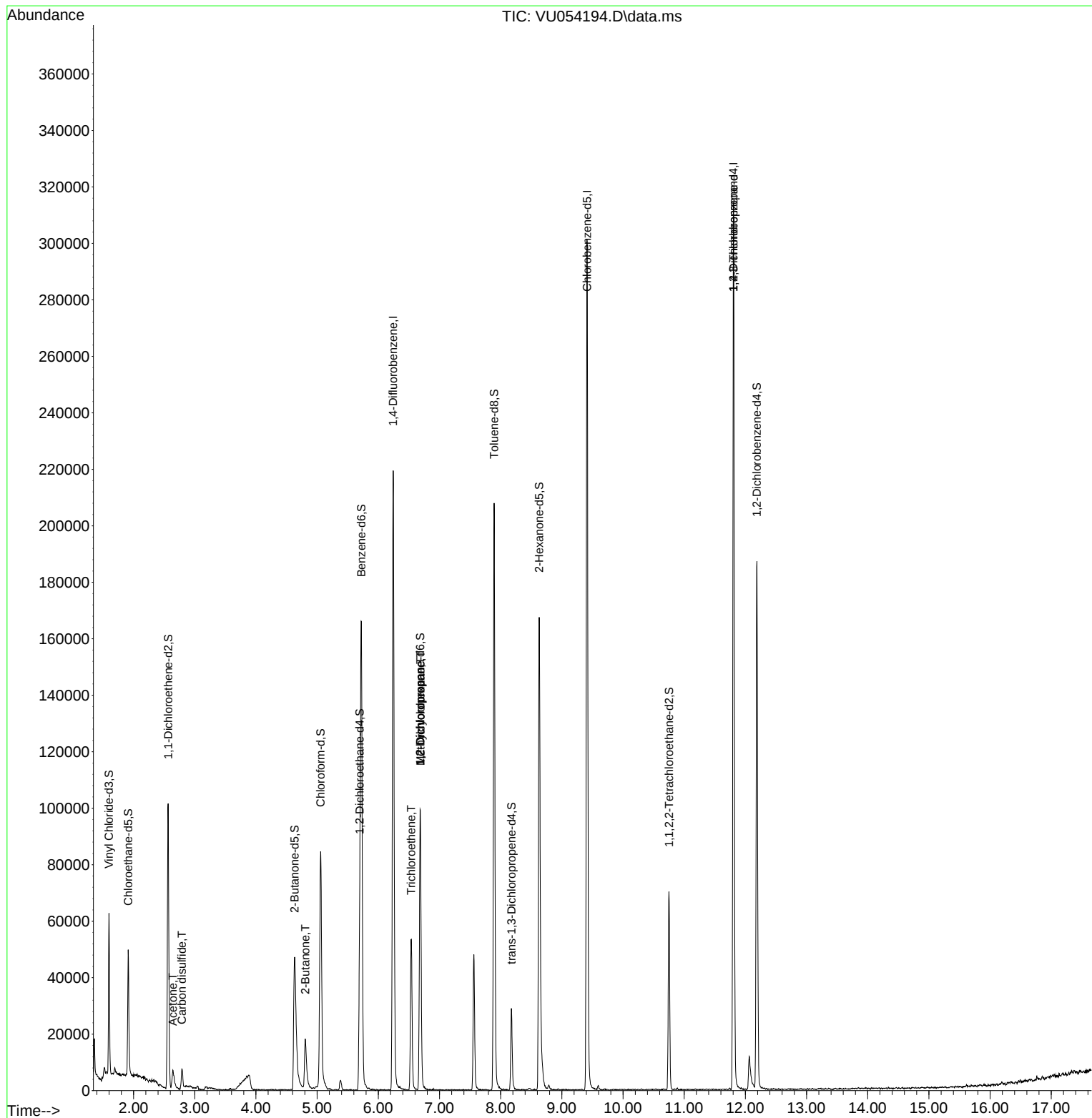
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	183371	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	176925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	87345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42952	4.345	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.913	69	32944	4.454	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.565	65	18500	4.143	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.800%	
20) 2-Butanone-d5	4.633	46	82078	46.555	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.120%	
24) Chloroform-d	5.057	84	79748	4.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.697	65	38176	4.464	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
32) Benzene-d6	5.723	84	160970	4.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.684	67	48573	4.664	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.893	98	141158	4.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.000%	
43) trans-1,3-Dichloroprop...	8.176	79	17600	4.184	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.629	63	59185	47.258	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.520%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34426	4.612	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	52393	4.916	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						
13) Acetone	2.642	43	11791	4.916	ug/L	93
14) Carbon disulfide	2.790	76	9488	0.336	ug/L #	95
21) 2-Butanone	4.806	43	25182	7.927	ug/L #	46
34) Trichloroethene	6.536	95	19012	1.412	ug/L	98
35) Methylcyclohexane	6.687	83	11523	0.585	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	4962	0.377	ug/L #	88
61) 1,2,3-Trichloropropane	11.806	75	9712	1.371	ug/L #	66

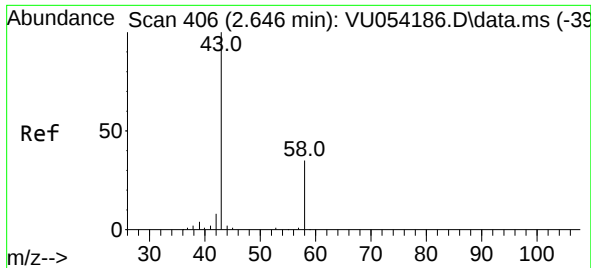
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.916 ug/L

RT: 2.642 min Scan# 406

Delta R.T. -0.003 min

Lab File: VU054194.D

Acq: 19 May 2023 03:44

Instrument :

MSVOA_U

ClientSampleId :

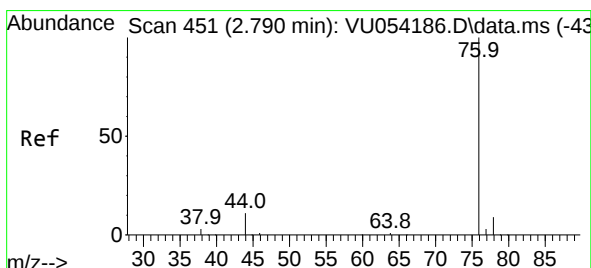
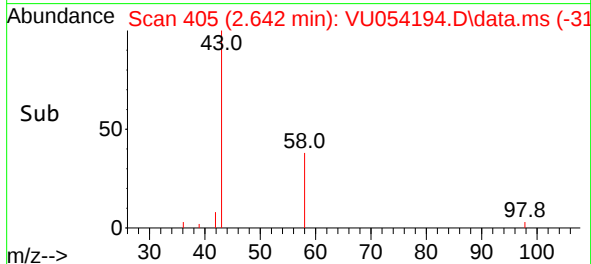
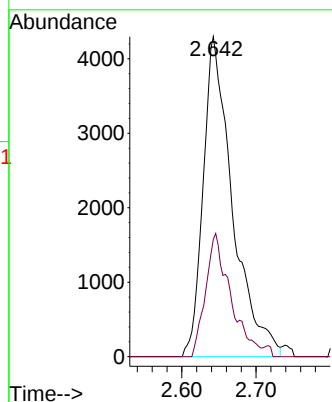
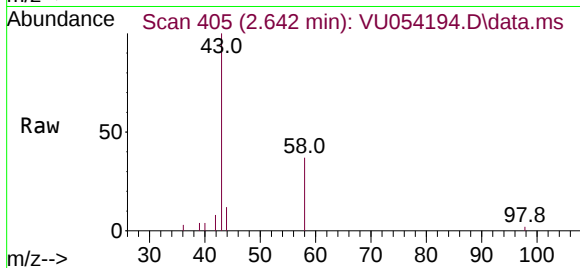
GBWX9

Tgt Ion: 43 Resp: 11791

Ion Ratio Lower Upper

43 100

58 32.7 0.0 73.2



#14

Carbon disulfide

Concen: 0.336 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU054194.D

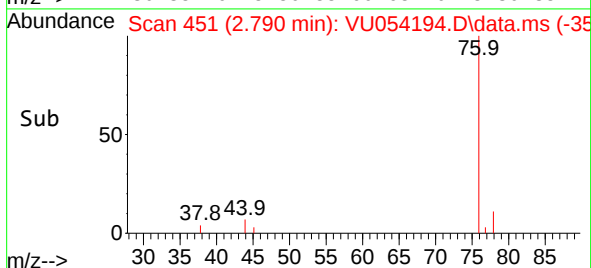
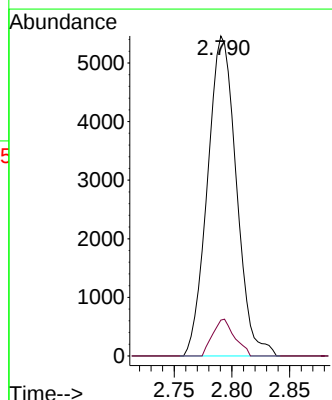
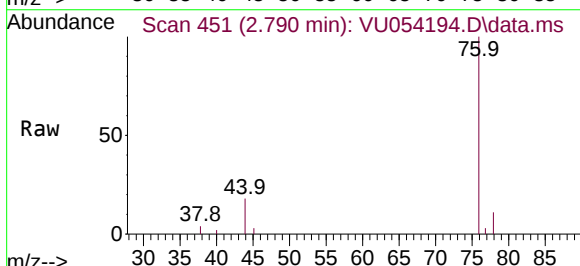
Acq: 19 May 2023 03:44

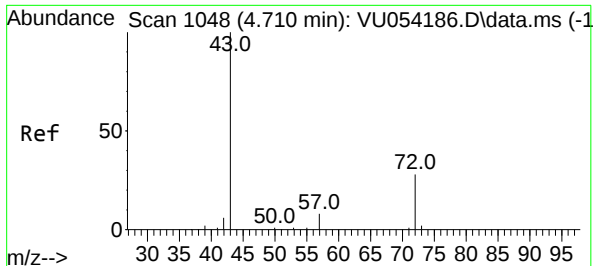
Tgt Ion: 76 Resp: 9488

Ion Ratio Lower Upper

76 100

78 11.2 7.4 11.0#





#21

2-Butanone

Concen: 7.927 ug/L

RT: 4.806 min Scan# 1048

Delta R.T. 0.097 min

Lab File: VU054194.D

Acq: 19 May 2023 03:44

Instrument :

MSVOA_U

ClientSampleId :

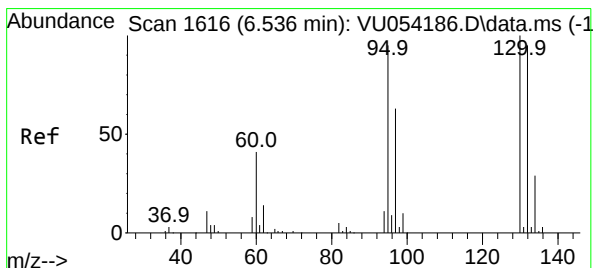
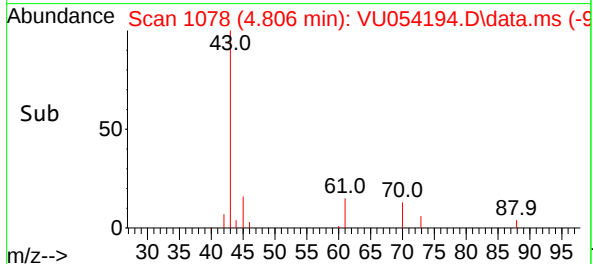
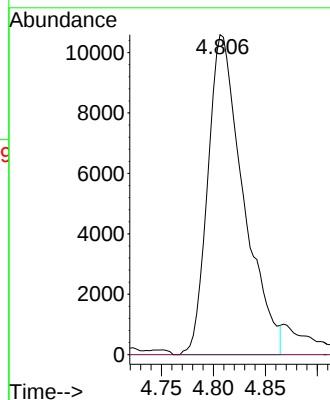
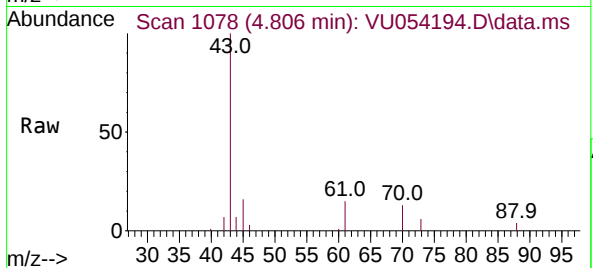
GBWX9

Tgt Ion: 43 Resp: 25182

Ion Ratio Lower Upper

43 100

72 0.0 14.2 42.8#



#34

Trichloroethene

Concen: 1.412 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. 0.000 min

Lab File: VU054194.D

Acq: 19 May 2023 03:44

Tgt Ion: 95 Resp: 19012

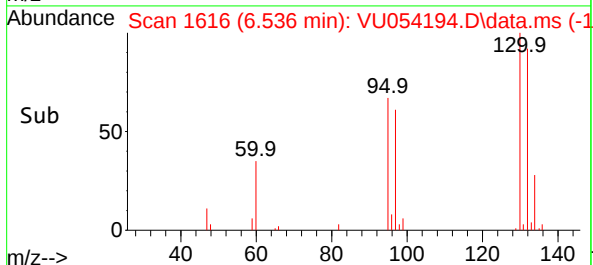
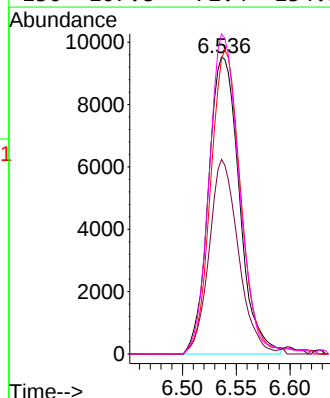
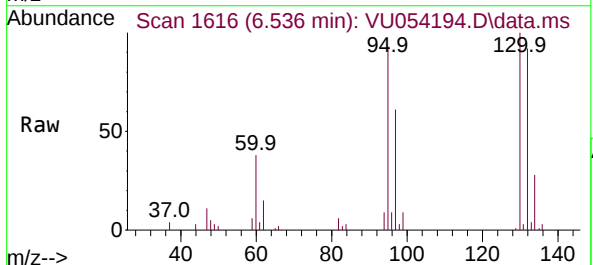
Ion Ratio Lower Upper

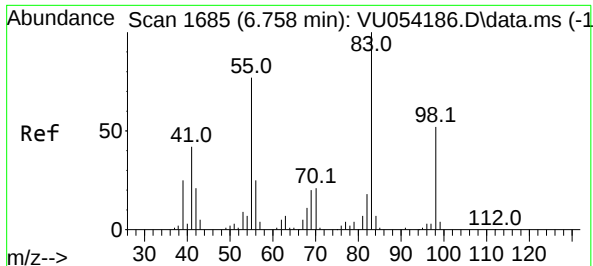
95 100

97 65.5 45.8 85.0

132 99.3 70.1 130.3

130 107.8 72.4 134.5





#35

Methylcyclohexane

Concen: 0.585 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU054194.D

Acq: 19 May 2023 03:44

Instrument :

MSVOA_U

ClientSampleId :

GBWX9

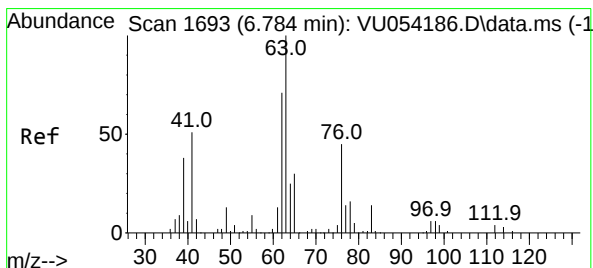
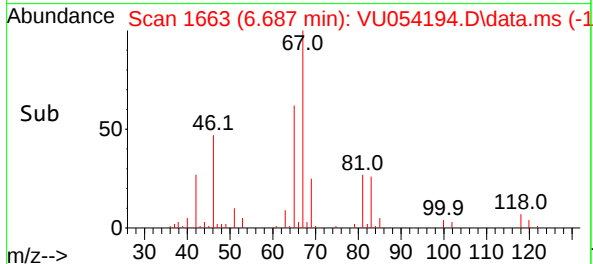
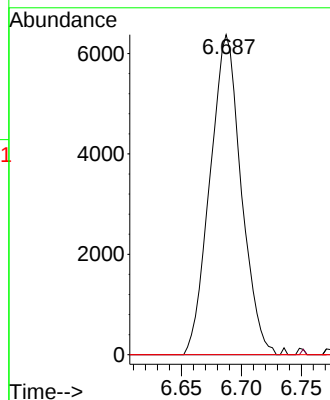
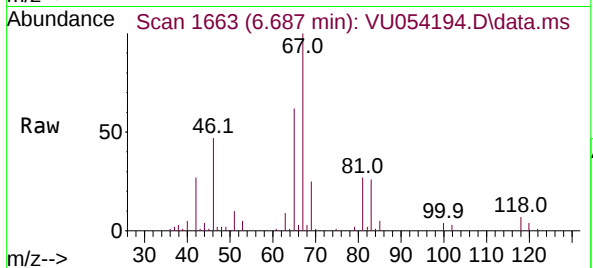
Tgt Ion: 83 Resp: 11523

Ion Ratio Lower Upper

83 100

55 0.2 61.6 92.4#

98 5.1 41.3 61.9#



#37

1,2-Dichloropropane

Concen: 0.377 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.096 min

Lab File: VU054194.D

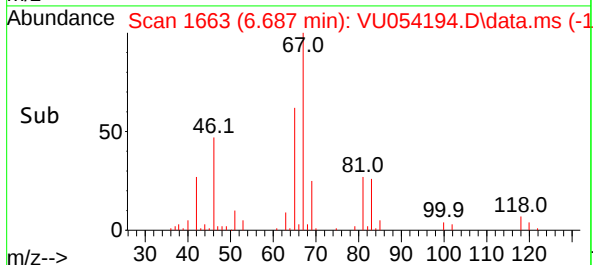
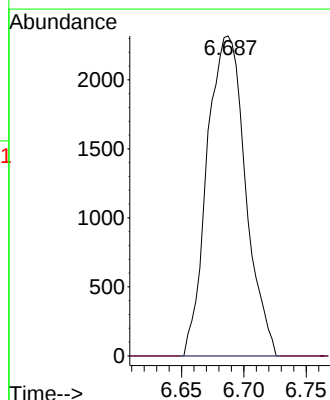
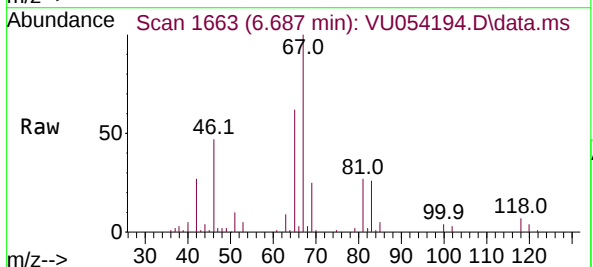
Acq: 19 May 2023 03:44

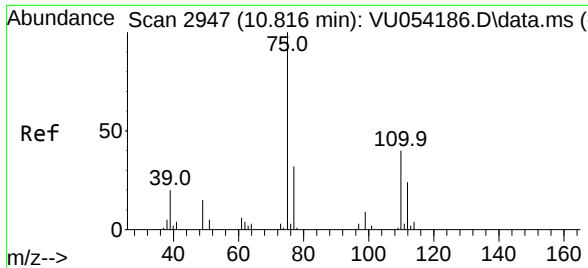
Tgt Ion: 63 Resp: 4962

Ion Ratio Lower Upper

63 100

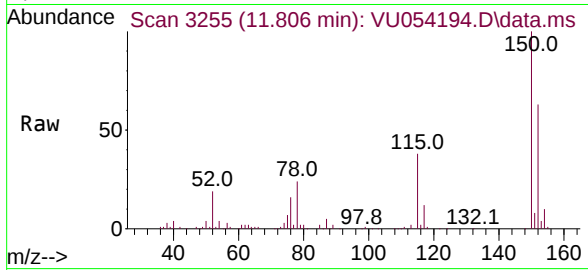
112 0.0 3.3 4.9#





#61
1,2,3-Trichloropropane
Concen: 1.371 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054194.D
Acq: 19 May 2023 03:44

Instrument :
MSVOA_U
ClientSampleId :
GBWX9



Tgt Ion:	75	Resp:	9712
Ion	Ratio	Lower	Upper
75	100		
110	3.0	32.3	48.5#
77	31.9	26.3	39.5

