

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052704.D
 Acq On : 16 Jan 2023 16:33
 Operator : JC/MD
 Sample : 01138-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W4DL

Quant Time: Jan 17 05:34:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

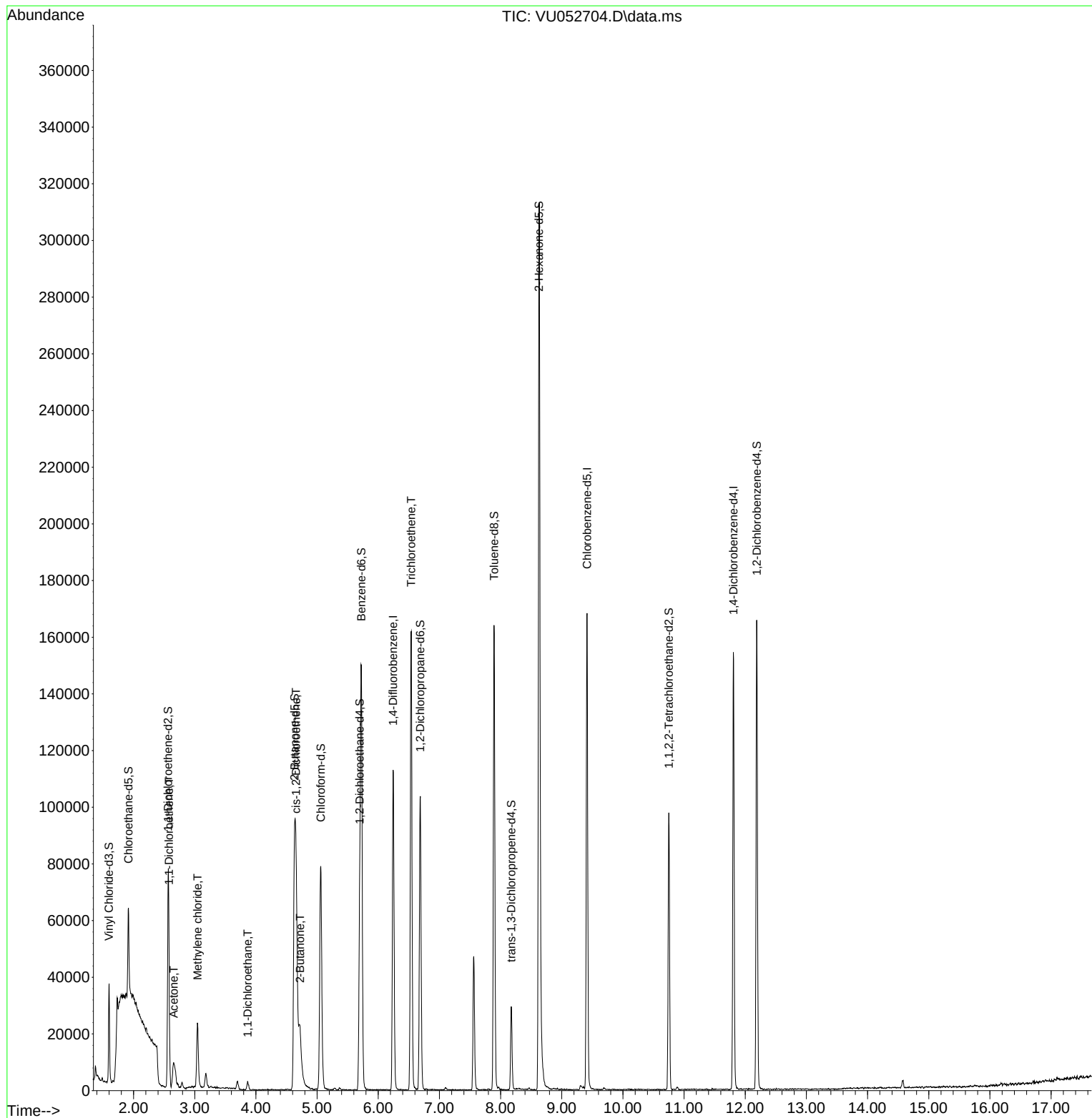
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	91490	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	92291	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	40930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25097	3.122	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.916	69	25582	3.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.565	65	13524	3.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.633	46	155002	72.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.240%#
24) Chloroform-d	5.060	84	74854	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.697	65	45257	5.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.600%
32) Benzene-d6	5.723	84	140299	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.687	67	50455	5.062	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.893	98	110190	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.176	79	17249	4.653	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.629	63	106352	69.065	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.120%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	48328	6.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.600%#
66) 1,2-Dichlorobenzene-d4	12.188	152	43551	5.845	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	4984	0.628	ug/L #	1
13) Acetone	2.655	43	20431	13.255	ug/L	82
16) Methylene chloride	3.047	84	11360	1.076	ug/L	79
19) 1,1-Dichloroethane	3.864	63	3402	0.203	ug/L	93
21) 2-Butanone	4.723	43	36745	14.809	ug/L	98
22) cis-1,2-Dichloroethene	4.658	96	12753	1.468	ug/L	96
34) Trichloroethene	6.539	95	55088	6.375	ug/L	95

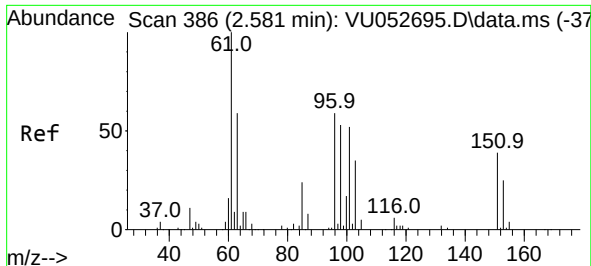
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 11 00:53:59 2023
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#12

1,1-Dichloroethene

Concen: 0.628 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU052704.D

Acq: 16 Jan 2023 16:33

Instrument :

MSVOA_U

ClientSampleId :

BH1W4DL

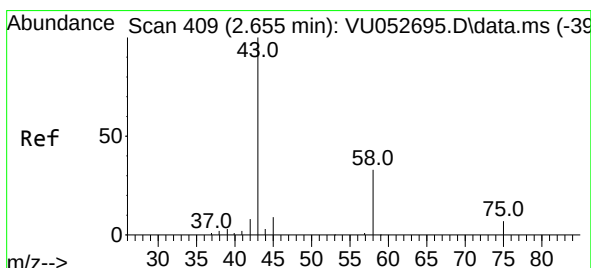
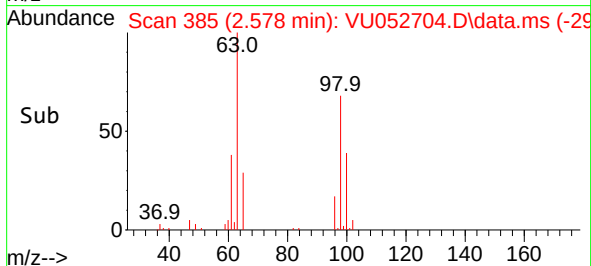
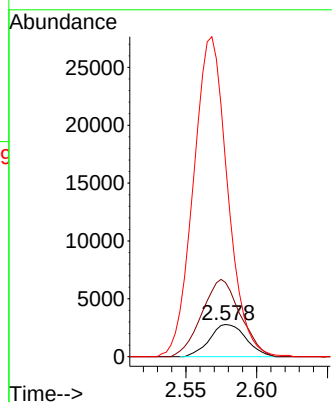
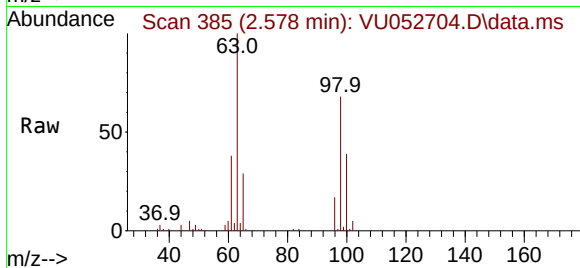
Tgt Ion: 96 Resp: 4984

Ion Ratio Lower Upper

96 100

61 230.2 129.6 240.8

63 604.2 83.7 155.5#



#13

Acetone

Concen: 13.255 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU052704.D

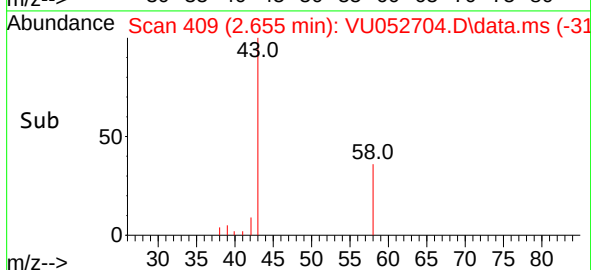
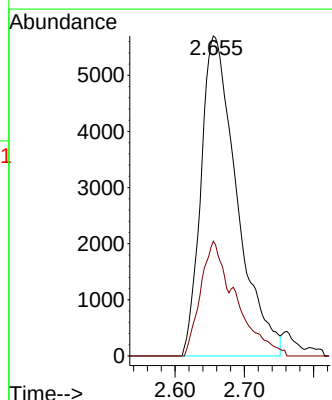
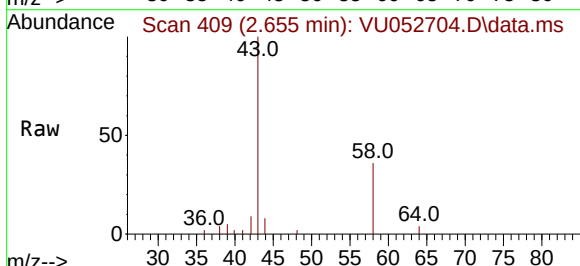
Acq: 16 Jan 2023 16:33

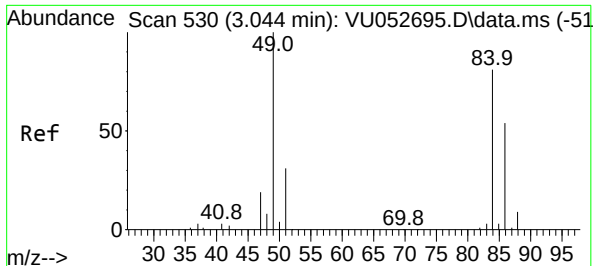
Tgt Ion: 43 Resp: 20431

Ion Ratio Lower Upper

43 100

58 23.8 0.0 68.8

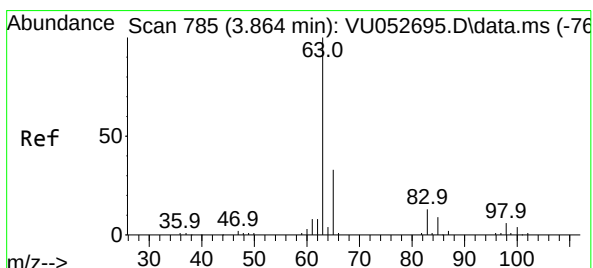
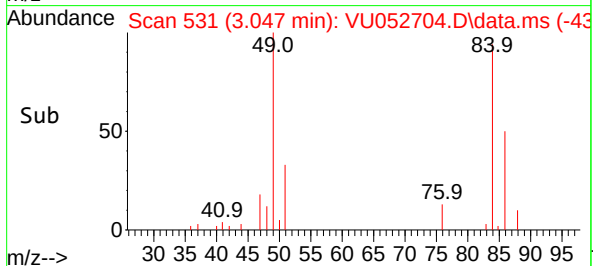
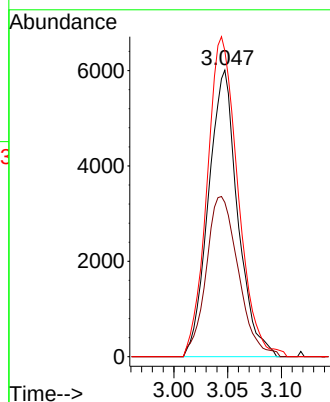
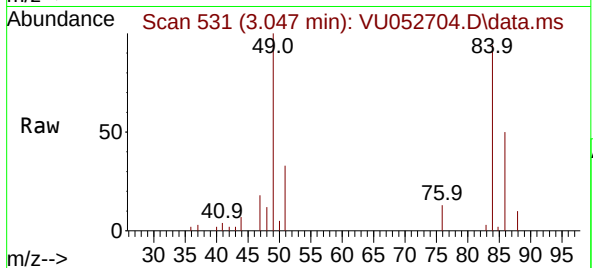




#16
Methylene chloride
Concen: 1.076 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052704.D
Acq: 16 Jan 2023 16:33

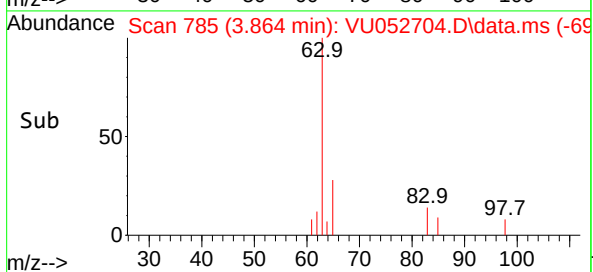
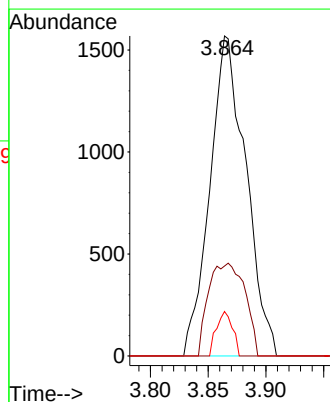
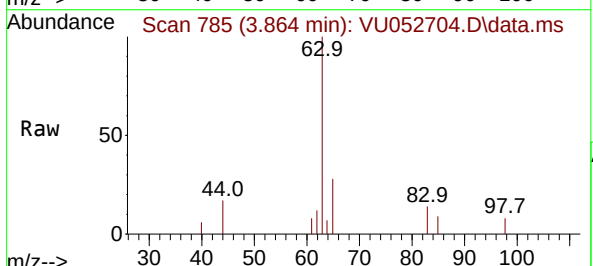
Instrument :
MSVOA_U
ClientSampleId :
BH1W4DL

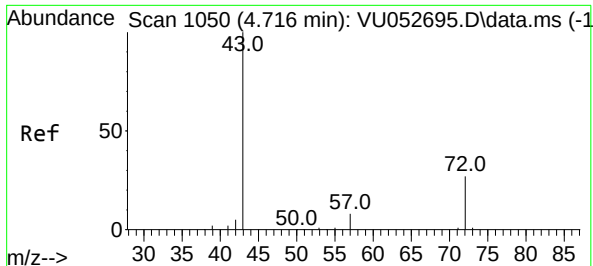
Tgt Ion: 84 Resp: 11360
Ion Ratio Lower Upper
84 100
86 53.8 45.6 84.6
49 106.8 94.8 176.0



#19
1,1-Dichloroethane
Concen: 0.203 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU052704.D
Acq: 16 Jan 2023 16:33

Tgt Ion: 63 Resp: 3402
Ion Ratio Lower Upper
63 100
65 26.3 22.0 41.0
83 13.0 8.9 16.5





#21

2-Butanone

Concen: 14.809 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VU052704.D

Acq: 16 Jan 2023 16:33

Instrument :

MSVOA_U

ClientSampleId :

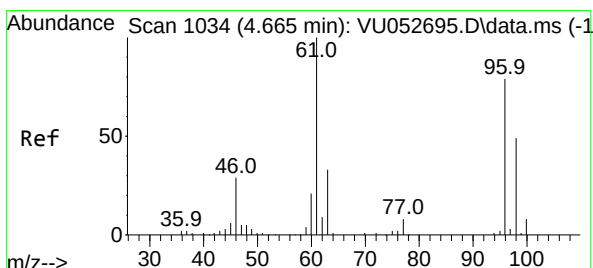
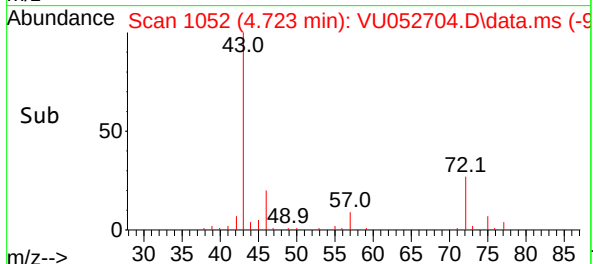
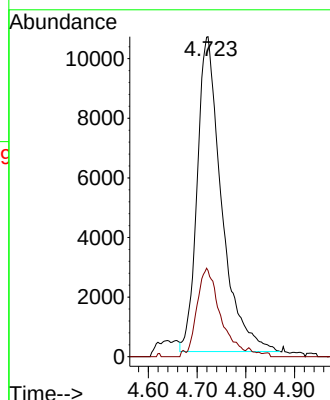
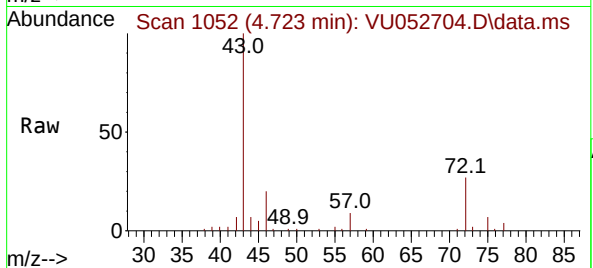
BH1W4DL

Tgt Ion: 43 Resp: 36745

Ion Ratio Lower Upper

43 100

72 26.5 12.9 38.6



#22

cis-1,2-Dichloroethene

Concen: 1.468 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU052704.D

Acq: 16 Jan 2023 16:33

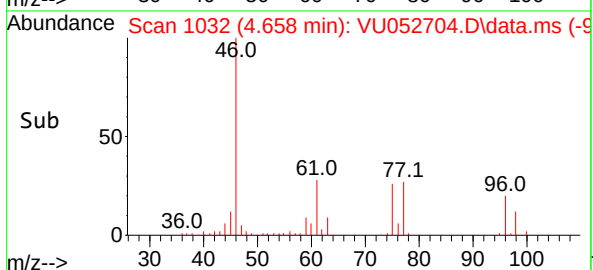
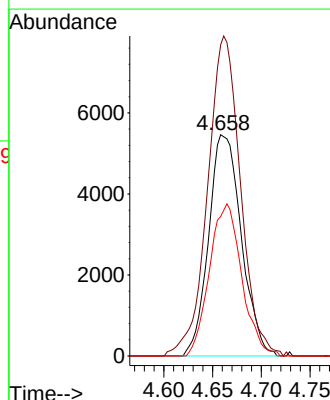
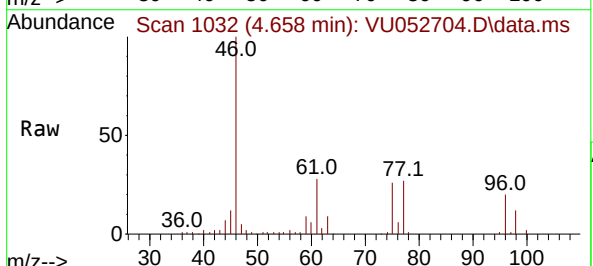
Tgt Ion: 96 Resp: 12753

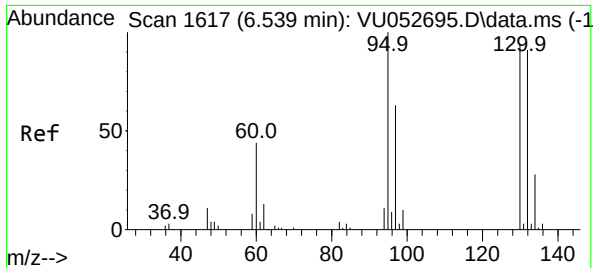
Ion Ratio Lower Upper

96 100

61 140.6 94.6 175.8

98 63.0 43.3 80.3





#34
 Trichloroethene
 Concen: 6.375 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU052704.D
 Acq: 16 Jan 2023 16:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W4DL

Tgt Ion: 95 Resp: 55088

Ion	Ratio	Lower	Upper
95	100		
97	67.3	46.0	85.4
132	99.0	64.0	118.8
130	99.9	66.6	123.8

