

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052686.D
 Acq On : 13 Jan 2023 17:46
 Operator : JC/MD
 Sample : 01139-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z5

Quant Time: Jan 13 22:27:41 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

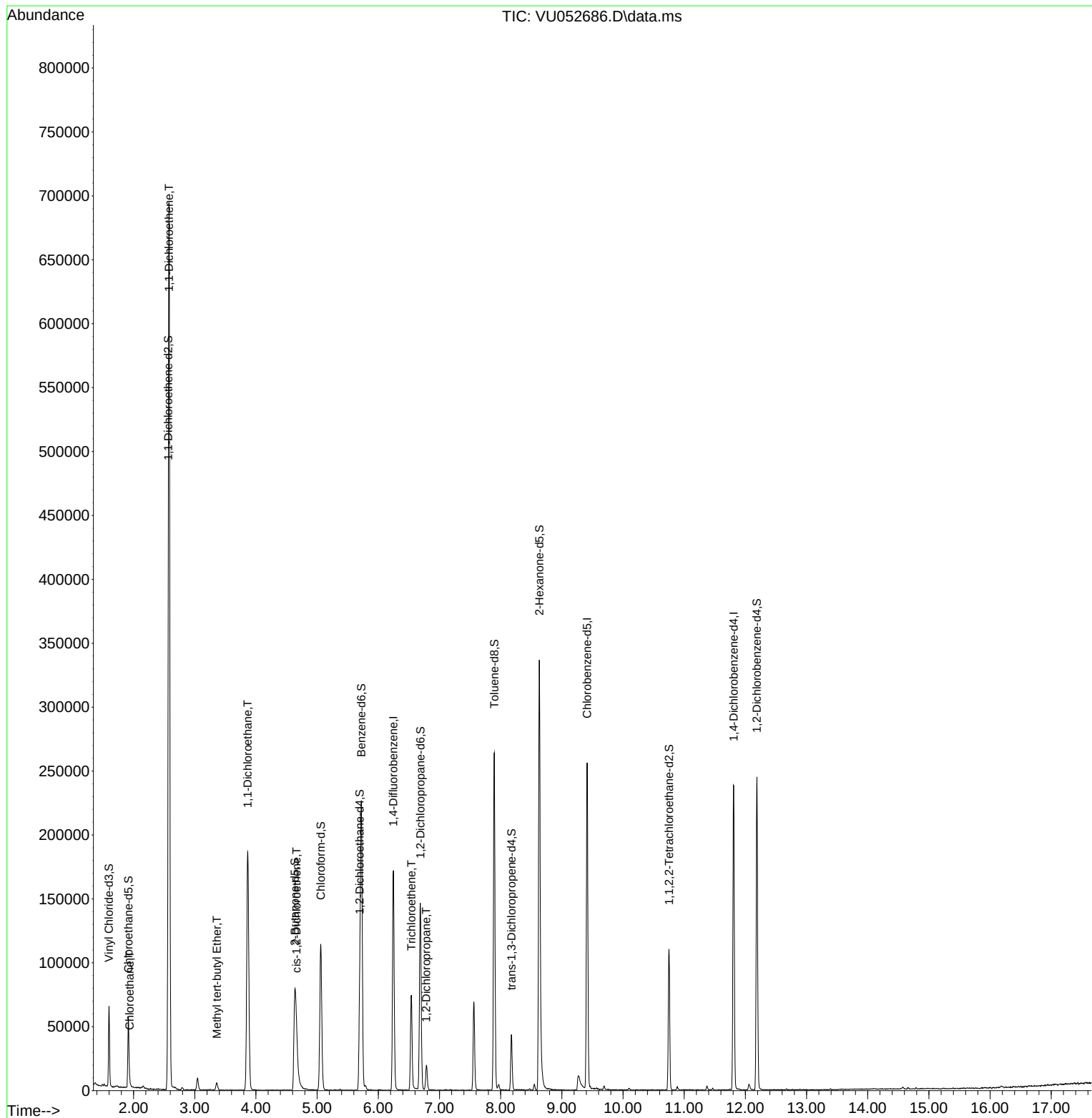
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136553	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	139876	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45418	3.786	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.800%	
7) Chloroethane-d5	1.916	69	42583	4.357	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.568	65	22843	4.324	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.400%	
20) 2-Butanone-d5	4.636	46	158714	49.480	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.960%	
24) Chloroform-d	5.060	84	109589	4.897	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.697	65	58031	5.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.723	84	211708	4.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.687	67	71437	4.729	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.896	98	172854	4.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	8.176	79	24614	4.381	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.632	63	113298	48.545	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.100%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	53692	4.642	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.189	152	63808	5.472	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						
8) Chloroethane	1.935	64	1759	0.170	ug/L	97
12) 1,1-Dichloroethene	2.581	96	216374	18.276	ug/L #	74
17) Methyl tert-butyl Ether	3.363	73	4989	0.190	ug/L	97
19) 1,1-Dichloroethane	3.864	63	220892	8.810	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	4727	0.365	ug/L	85
34) Trichloroethene	6.539	95	25118	1.918	ug/L	94
37) 1,2-Dichloropropane	6.784	63	7265	0.489	ug/L #	97

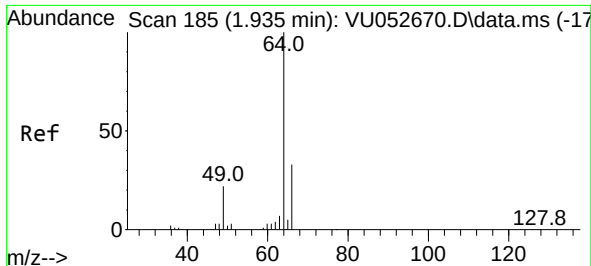
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
Data File : VU052686.D
Acq On : 13 Jan 2023 17:46
Operator : JC/MD
Sample : 01139-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z5

Quant Time: Jan 13 22:27:41 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

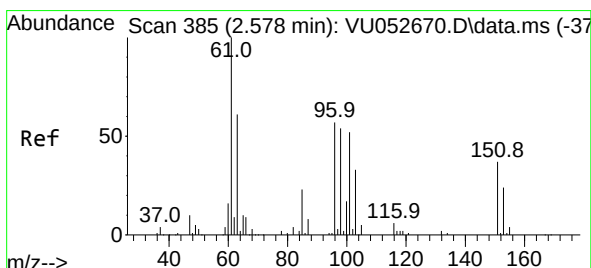
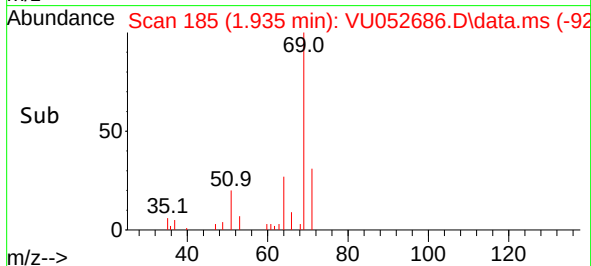
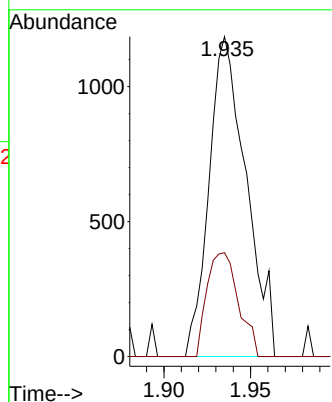
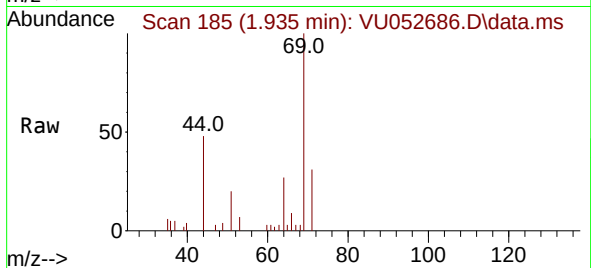




#8
Chloroethane
Concen: 0.170 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052686.D
Acq: 13 Jan 2023 17:46

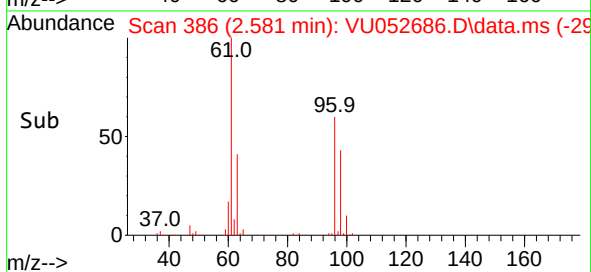
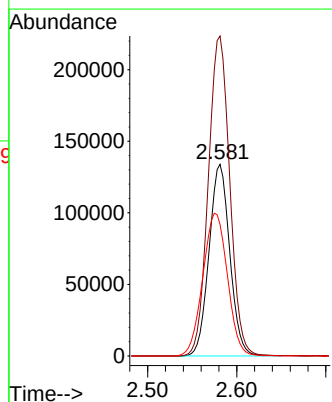
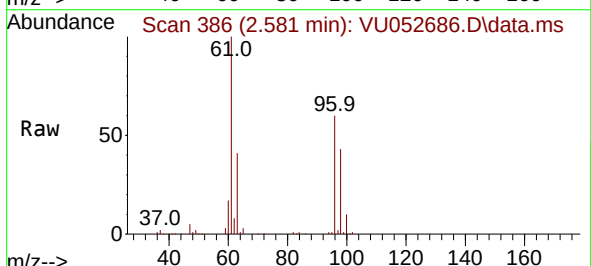
Instrument :
MSVOA_U
ClientSampleId :
BH1Z5

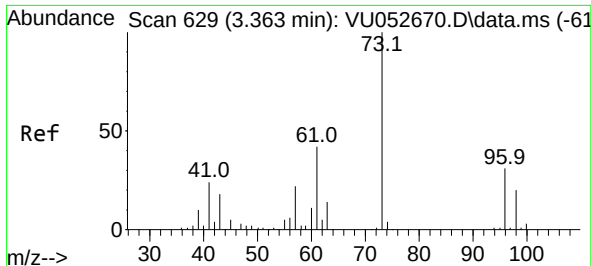
Tgt Ion: 64 Resp: 1759
Ion Ratio Lower Upper
64 100
66 32.5 21.6 40.2



#12
1,1-Dichloroethene
Concen: 18.276 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052686.D
Acq: 13 Jan 2023 17:46

Tgt Ion: 96 Resp: 216374
Ion Ratio Lower Upper
96 100
61 166.9 129.6 240.8
63 68.6 83.7 155.5#





#17

Methyl tert-butyl Ether

Concen: 0.190 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052686.D

Acq: 13 Jan 2023 17:46

Instrument :

MSVOA_U

ClientSampleId :

BH1Z5

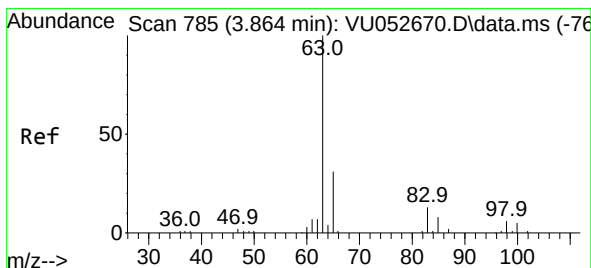
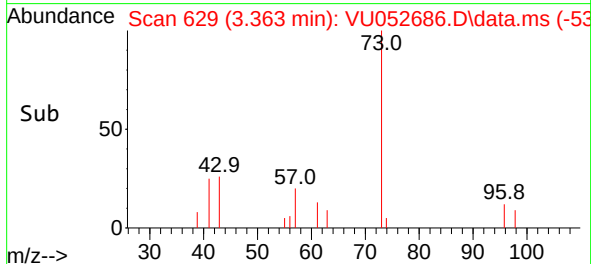
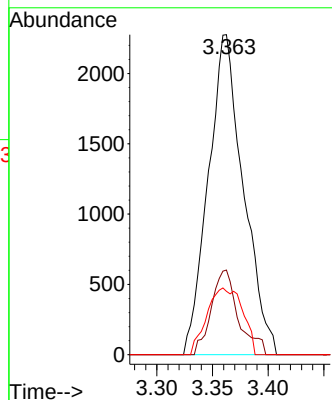
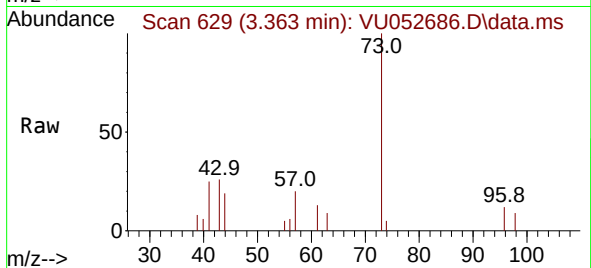
Tgt Ion: 73 Resp: 4989

Ion Ratio Lower Upper

73 100

43 20.5 15.8 23.8

57 21.2 18.6 28.0



#19

1,1-Dichloroethane

Concen: 8.810 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.000 min

Lab File: VU052686.D

Acq: 13 Jan 2023 17:46

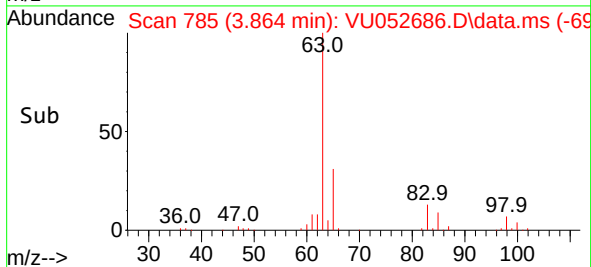
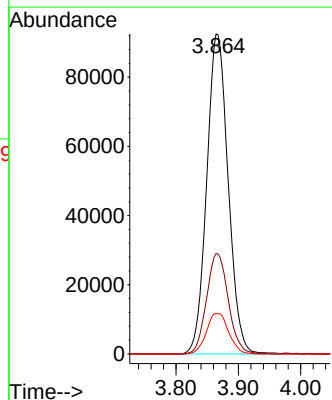
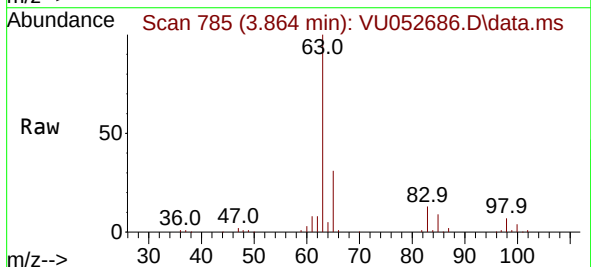
Tgt Ion: 63 Resp: 220892

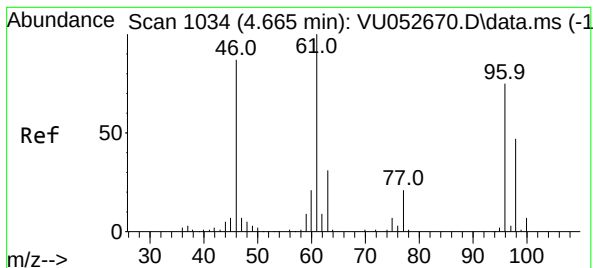
Ion Ratio Lower Upper

63 100

65 31.4 22.0 41.0

83 12.6 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 0.365 ug/L

RT: 4.662 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052686.D

Acq: 13 Jan 2023 17:46

Instrument :

MSVOA_U

ClientSampleId :

BH1Z5

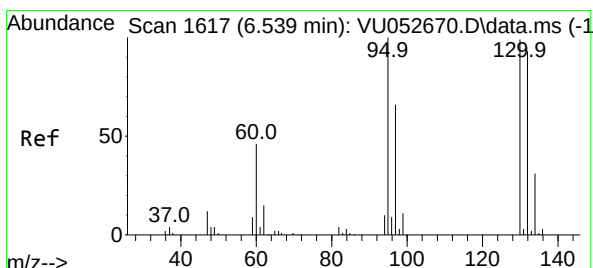
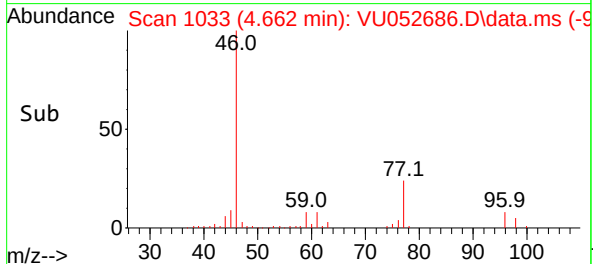
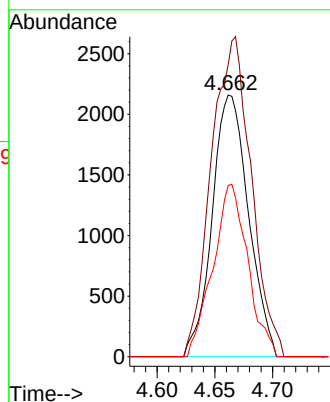
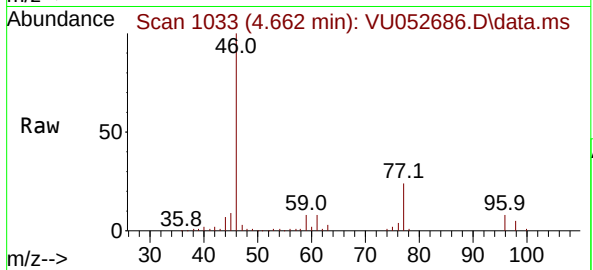
Tgt Ion: 96 Resp: 4727

Ion Ratio Lower Upper

96 100

61 111.6 94.6 175.8

98 65.4 43.3 80.3



#34

Trichloroethene

Concen: 1.918 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU052686.D

Acq: 13 Jan 2023 17:46

Tgt Ion: 95 Resp: 25118

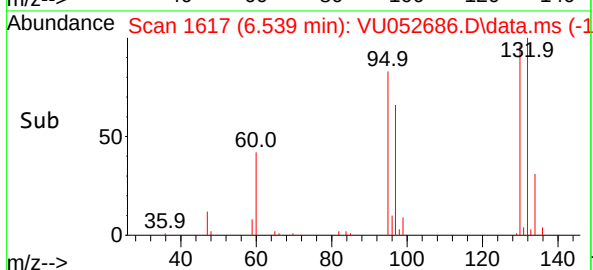
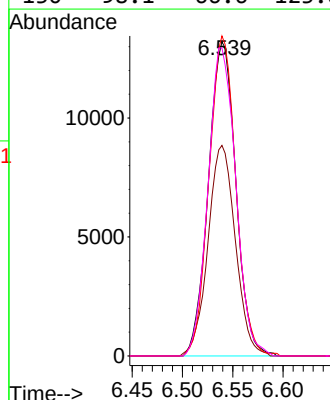
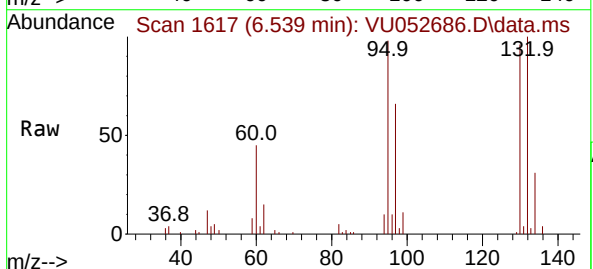
Ion Ratio Lower Upper

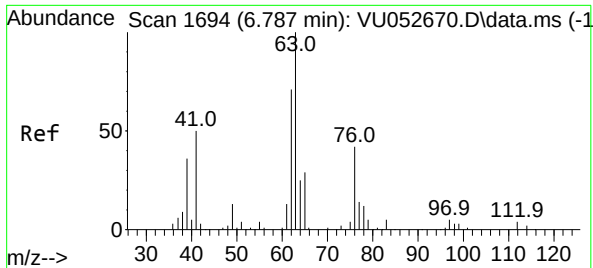
95 100

97 67.0 46.0 85.4

132 101.9 64.0 118.8

130 98.1 66.6 123.8





#37
 1,2-Dichloropropane
 Concen: 0.489 ug/L
 RT: 6.784 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU052686.D
 Acq: 13 Jan 2023 17:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z5

Tgt Ion: 63 Resp: 7265
 Ion Ratio Lower Upper
 63 100
 112 4.6 2.9 4.3#

