

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052536.D
 Acq On : 23 Dec 2022 14:50
 Operator : JC/MD
 Sample : N6188-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0L40

Quant Time: Dec 24 03:56:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

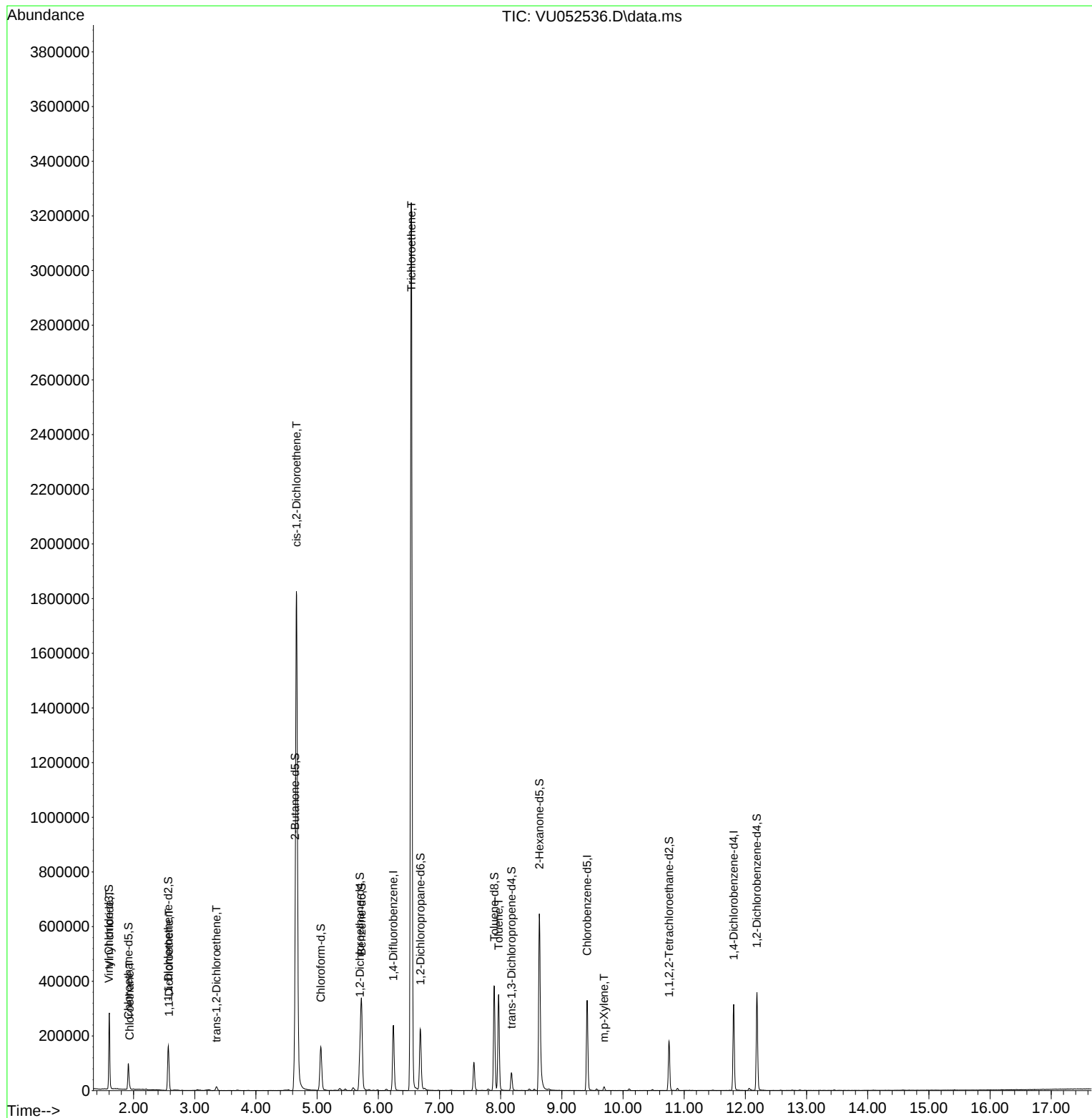
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	185553	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	177451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78689	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71081	3.781	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.600%	
7) Chloroethane-d5	1.916	69	69897	4.311	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.200%	
11) 1,1-Dichloroethene-d2	2.568	65	32105	3.969	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.400%	
20) 2-Butanone-d5	4.642	46	338140	58.005	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.020%	
24) Chloroform-d	5.060	84	148553	4.684	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.700	65	90328	4.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.726	84	310570	5.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
36) 1,2-Dichloropropane-d6	6.687	67	110185	5.261	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.896	98	249083	4.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
43) trans-1,3-Dichloroprop...	8.176	79	37134	5.178	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.600%	
46) 2-Hexanone-d5	8.632	63	232154	59.170	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.340%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91994	5.174	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	12.188	152	89116	5.563	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.200%	
Target Compounds						
5) Vinyl chloride	1.604	62	134392	6.221	ug/L	96
8) Chloroethane	1.935	64	5580	0.377	ug/L	93
12) 1,1-Dichloroethene	2.578	96	2092	0.151	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	4862	0.339	ug/L	84
22) cis-1,2-Dichloroethene	4.661	96	867488	55.192	ug/L	97
34) Trichloroethene	6.539	95	1122422	75.118	ug/L	98
42) Toluene	7.967	91	246284	4.019	ug/L	100
53) m,p-Xylene	9.690	106	3758	0.161	ug/L	84

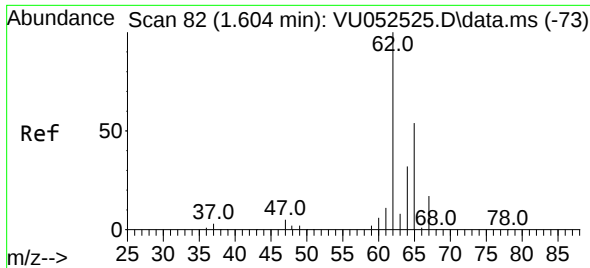
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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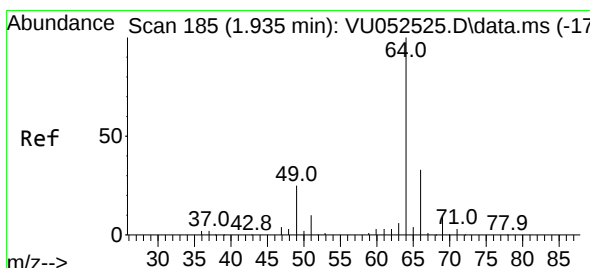
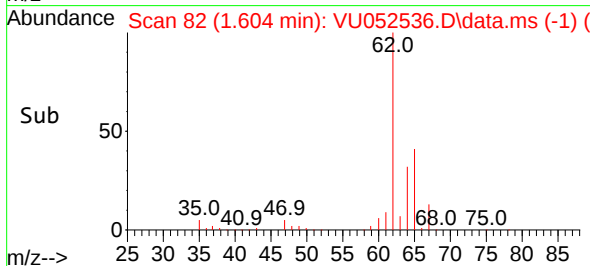
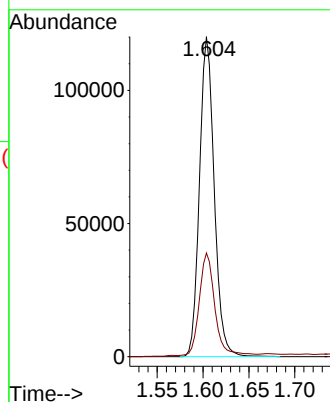
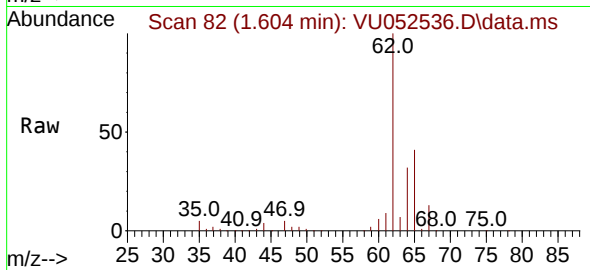




#5
 Vinyl chloride
 Concen: 6.221 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052536.D
 Acq: 23 Dec 2022 14:50

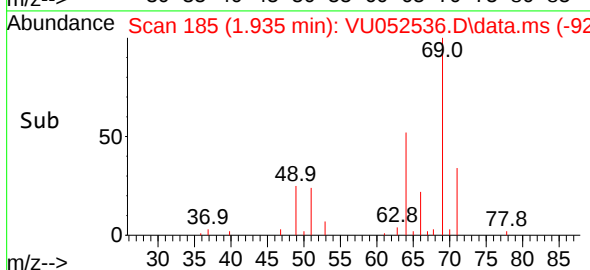
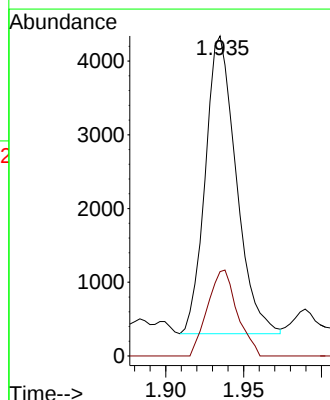
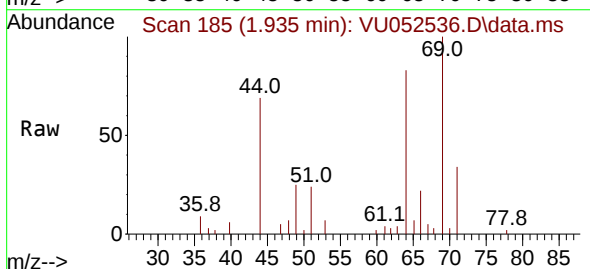
Instrument :
 MSVOA_U
 ClientSampleId :
 COL40

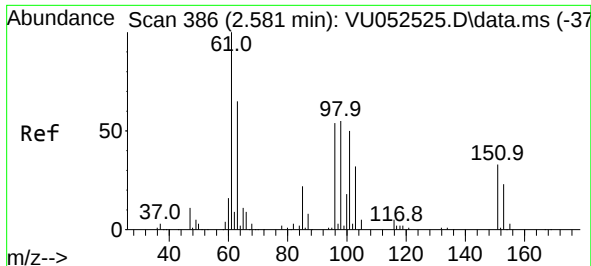
Tgt Ion: 62 Resp: 134392
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.4 45.4



#8
 Chloroethane
 Concen: 0.377 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU052536.D
 Acq: 23 Dec 2022 14:50

Tgt Ion: 64 Resp: 5580
 Ion Ratio Lower Upper
 64 100
 66 26.4 21.3 39.5





#12

1,1-Dichloroethene

Concen: 0.151 ug/L

RT: 2.578 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU052536.D

Acq: 23 Dec 2022 14:50

Instrument :

MSVOA_U

ClientSampleId :

COL40

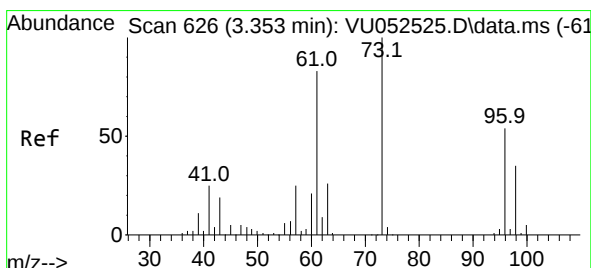
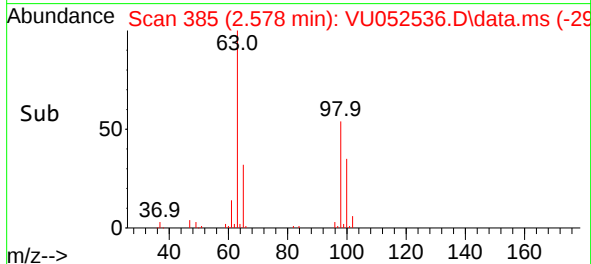
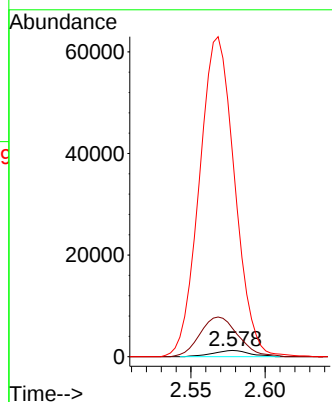
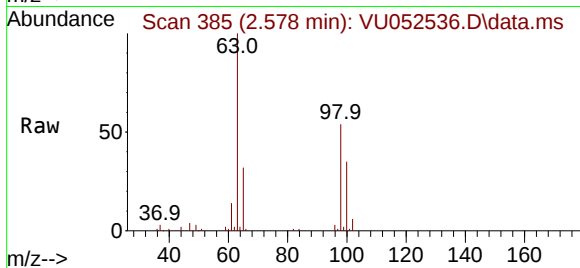
Tgt Ion: 96 Resp: 2092

Ion Ratio Lower Upper

96 100

61 461.9 135.4 251.4#

63 3310.0 95.4 177.2#



#18

trans-1,2-Dichloroethene

Concen: 0.339 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU052536.D

Acq: 23 Dec 2022 14:50

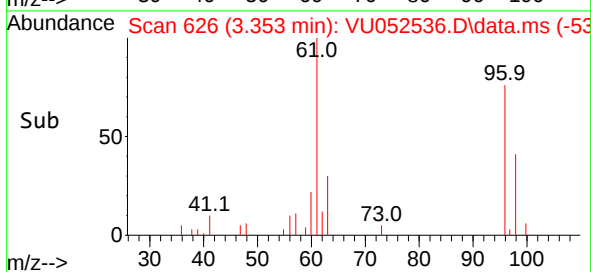
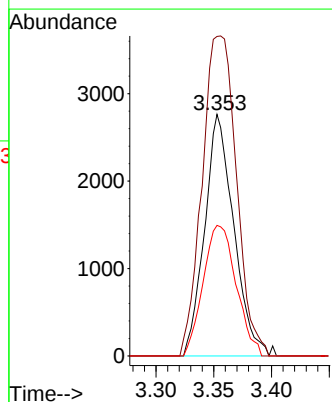
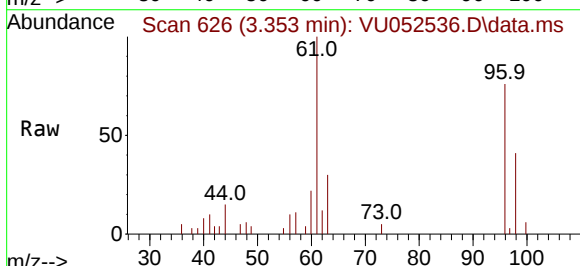
Tgt Ion: 96 Resp: 4862

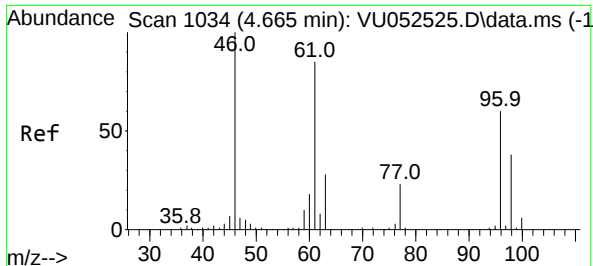
Ion Ratio Lower Upper

96 100

61 132.3 108.3 201.1

98 54.1 44.0 81.6

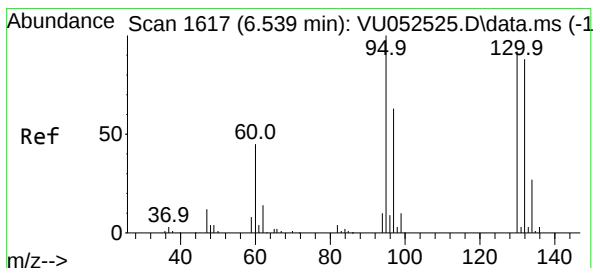
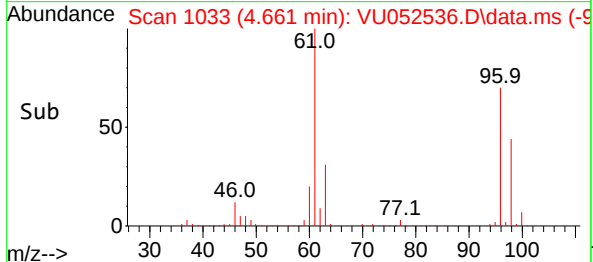
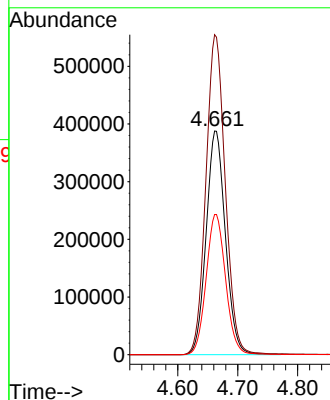
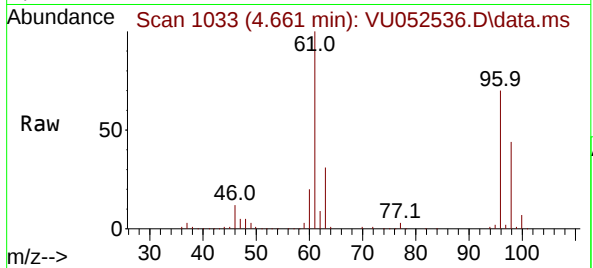




#22
 cis-1,2-Dichloroethene
 Concen: 55.192 ug/L
 RT: 4.661 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU052536.D
 Acq: 23 Dec 2022 14:50

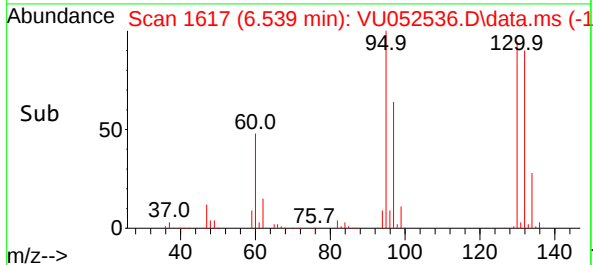
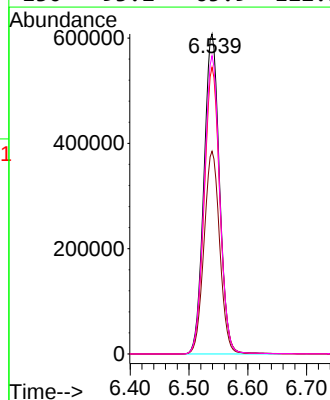
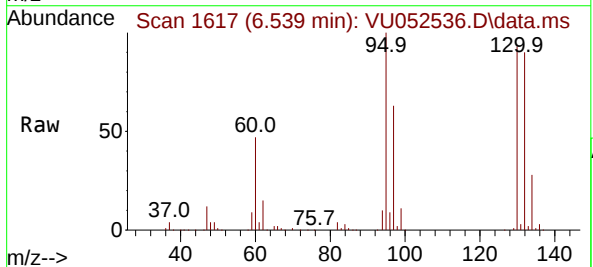
Instrument :
 MSVOA_U
 ClientSampleId :
 COL40

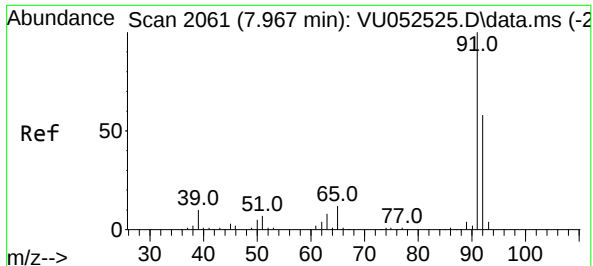
Tgt Ion: 96 Resp: 867488
 Ion Ratio Lower Upper
 96 100
 61 143.1 96.9 180.1
 98 62.7 44.7 83.1



#34
 Trichloroethene
 Concen: 75.118 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU052536.D
 Acq: 23 Dec 2022 14:50

Tgt Ion: 95 Resp: 1122422
 Ion Ratio Lower Upper
 95 100
 97 63.3 46.3 86.1
 132 89.6 63.9 118.7
 130 93.2 65.9 122.5





#42

Toluene

Concen: 4.019 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052536.D

Acq: 23 Dec 2022 14:50

Instrument :

MSVOA_U

ClientSampleId :

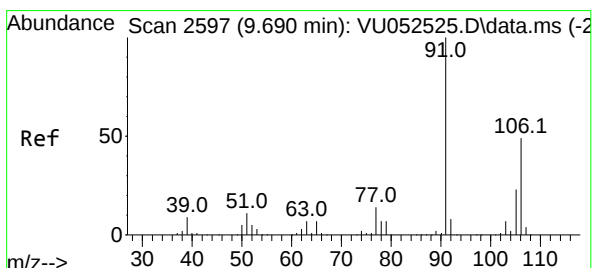
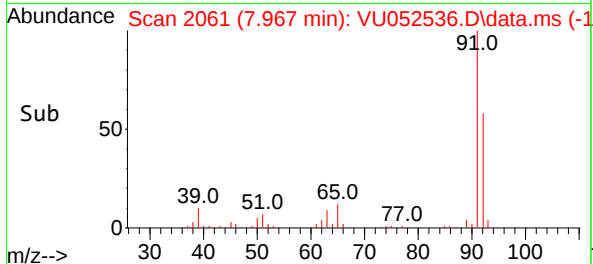
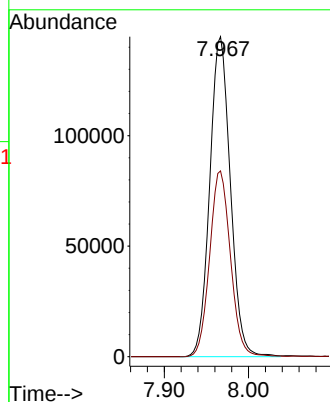
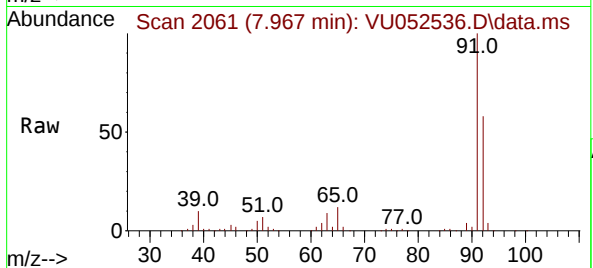
C0L40

Tgt Ion: 91 Resp: 246284

Ion Ratio Lower Upper

91 100

92 58.1 40.6 75.4



#53

m,p-Xylene

Concen: 0.161 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU052536.D

Acq: 23 Dec 2022 14:50

Tgt Ion: 106 Resp: 3758

Ion Ratio Lower Upper

106 100

91 187.2 148.2 275.2

