

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052284.D
 Acq On : 09 Dec 2022 05:52
 Operator : JC/MD
 Sample : N5960-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL26

Quant Time: Dec 09 07:04:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

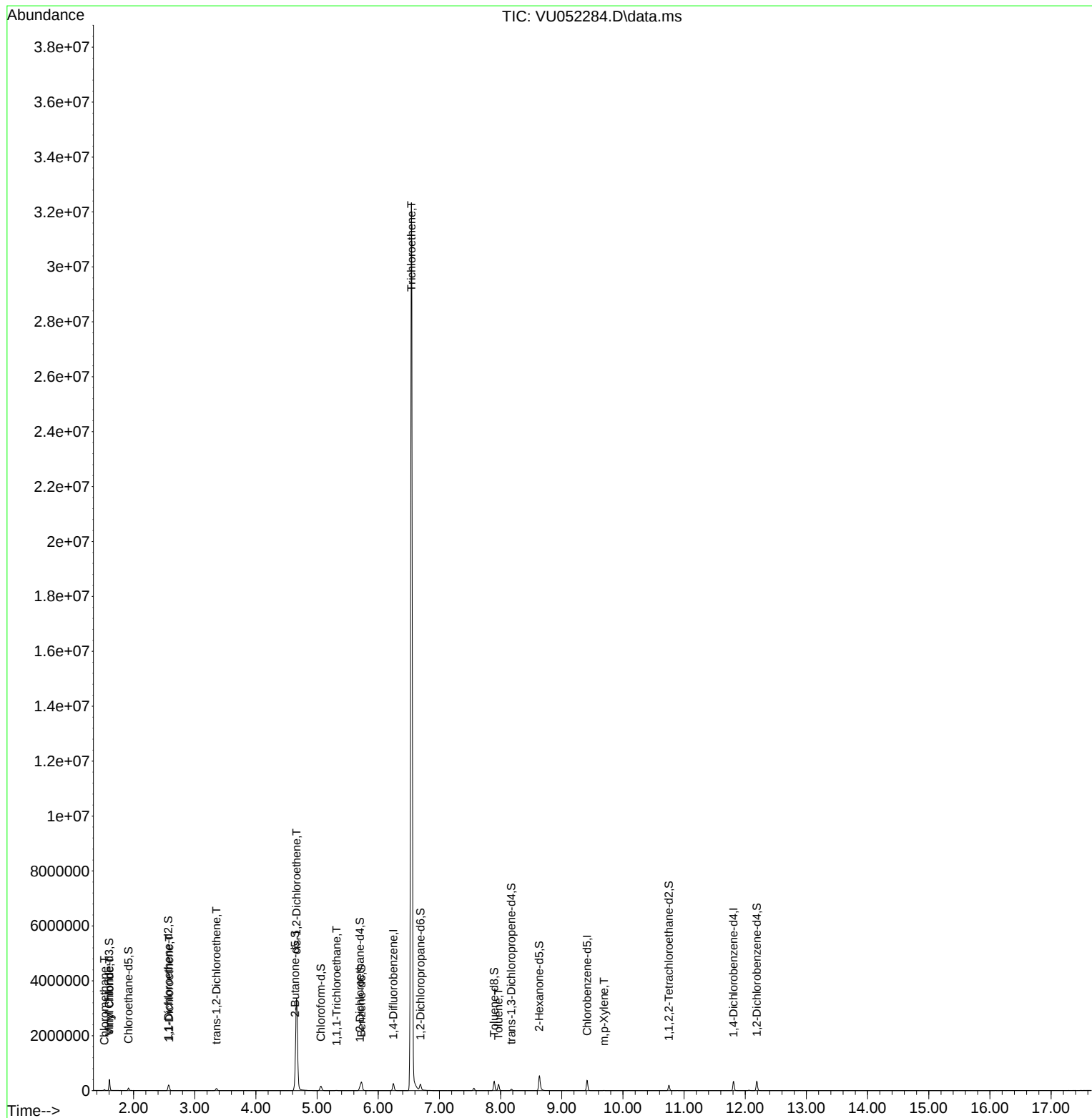
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	214893	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	219387	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93746	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	73624	3.522	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.400%	
7) Chloroethane-d5	1.916	69	69022	4.251	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.568	65	29353	3.918	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.400%	
20) 2-Butanone-d5	4.642	46	283531	74.832	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	149.660%#	
24) Chloroform-d	5.063	84	154989	5.046	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.700	65	85137	5.488	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.800%	
32) Benzene-d6	5.726	84	303447	4.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.690	67	103849	5.152	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.896	98	239818	4.070	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	8.176	79	33613	4.576	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.632	63	194111	62.358	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	124.720%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	101384	5.801	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.000%	
66) 1,2-Dichlorobenzene-d4	12.188	152	96559	5.380	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	19020	0.782	ug/L	99
5) Vinyl chloride	1.607	62	230258	9.853	ug/L	96
12) 1,1-Dichloroethene	2.584	96	29560	1.896	ug/L #	83
18) trans-1,2-Dichloroethene	3.353	96	34784	2.082	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	1795016	102.352	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	6471	0.266	ug/L #	84
34) Trichloroethene	6.542	95	11597389	651.233	ug/L	97
42) Toluene	7.967	91	171288	2.332	ug/L	96
53) m,p-Xylene	9.690	106	2916	0.105	ug/L	87

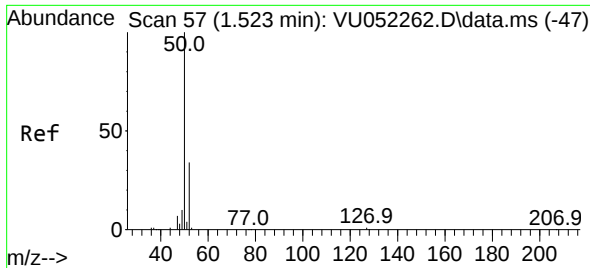
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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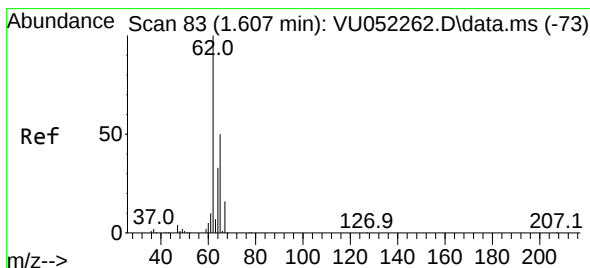
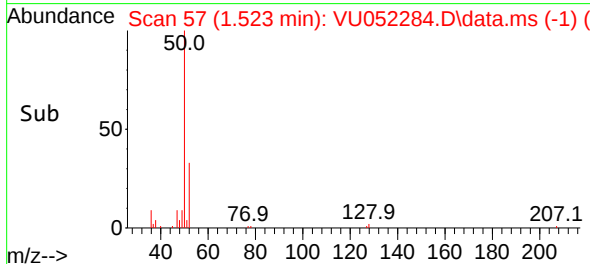
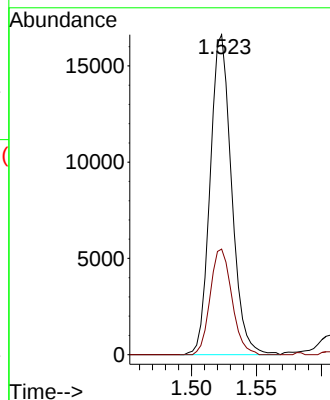
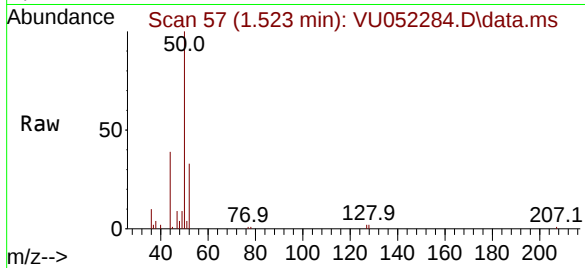




#3
Chloromethane
Concen: 0.782 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052284.D
Acq: 09 Dec 2022 05:52

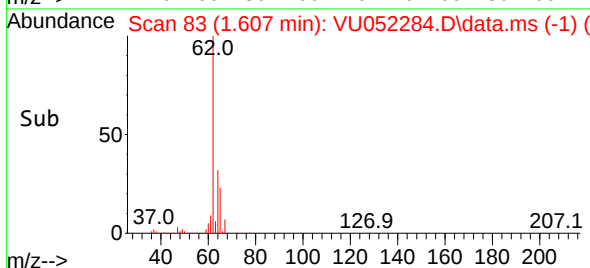
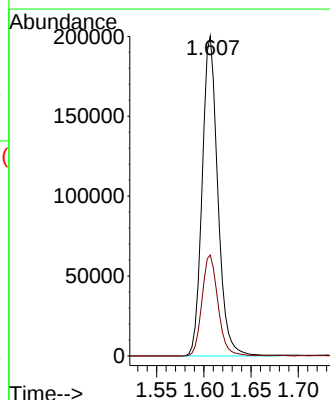
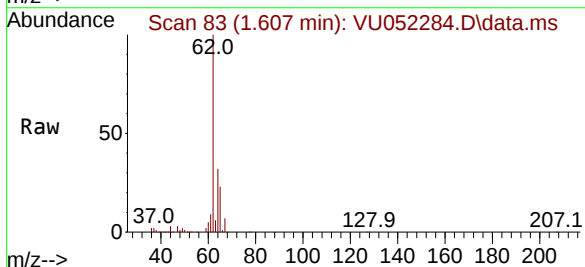
Instrument :
MSVOA_U
ClientSampleId :
COL26

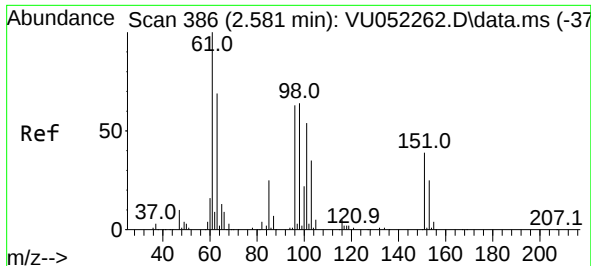
Tgt Ion: 50 Resp: 19020
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.4



#5
Vinyl chloride
Concen: 9.853 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU052284.D
Acq: 09 Dec 2022 05:52

Tgt Ion: 62 Resp: 230258
Ion Ratio Lower Upper
62 100
64 31.6 23.5 43.7

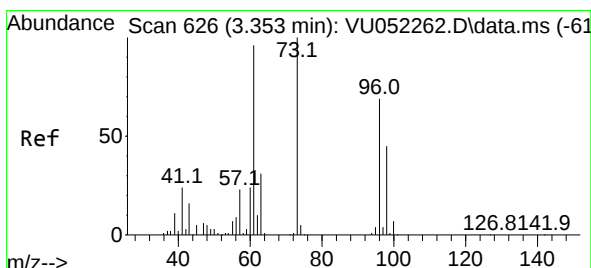
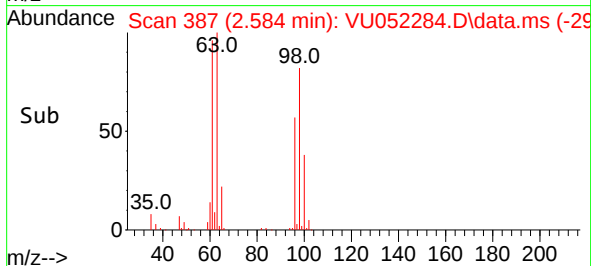
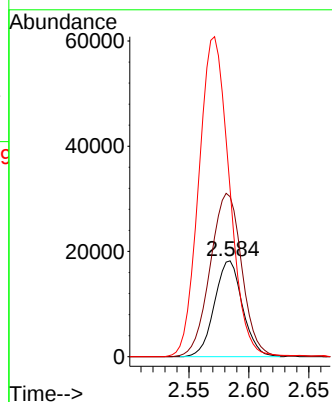
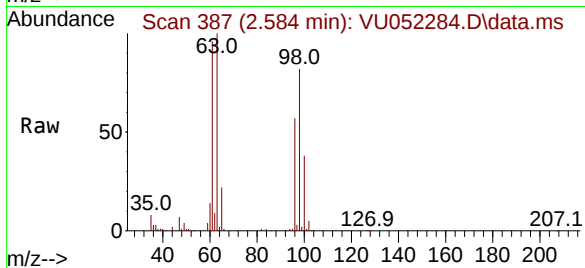




#12
1,1-Dichloroethene
Concen: 1.896 ug/L
RT: 2.584 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU052284.D
Acq: 09 Dec 2022 05:52

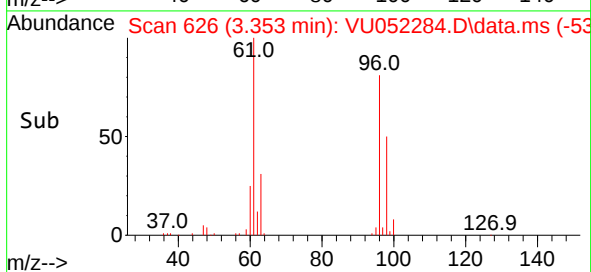
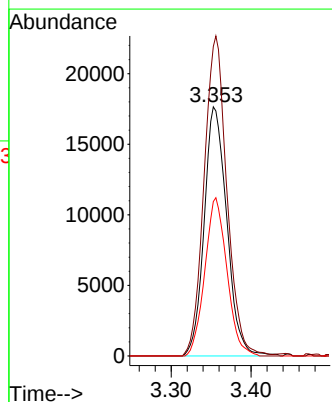
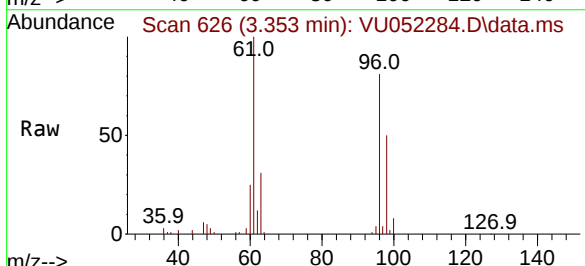
Instrument :
MSVOA_U
ClientSampleId :
COL26

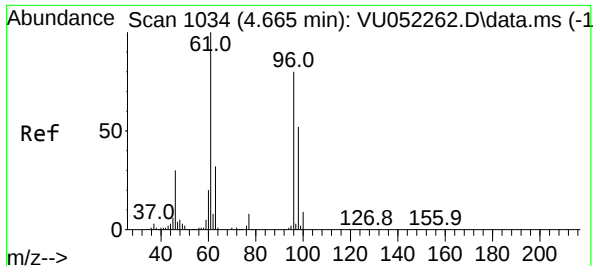
Tgt Ion: 96 Resp: 29560
Ion Ratio Lower Upper
96 100
61 167.0 114.8 213.2
63 174.5 93.7 174.1#



#18
trans-1,2-Dichloroethene
Concen: 2.082 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052284.D
Acq: 09 Dec 2022 05:52

Tgt Ion: 96 Resp: 34784
Ion Ratio Lower Upper
96 100
61 124.2 97.9 181.7
98 62.0 43.8 81.3





#22

cis-1,2-Dichloroethene

Concen: 102.352 ug/L

RT: 4.665 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052284.D

Acq: 09 Dec 2022 05:52

Instrument :

MSVOA_U

ClientSampleId :

COL26

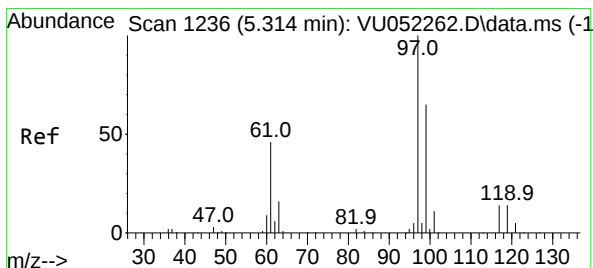
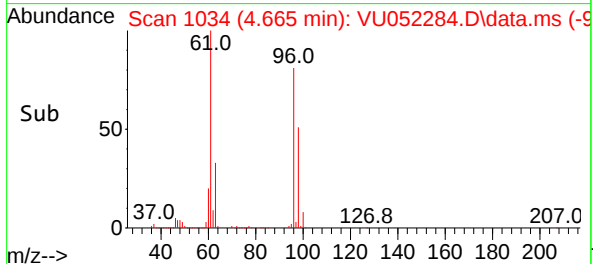
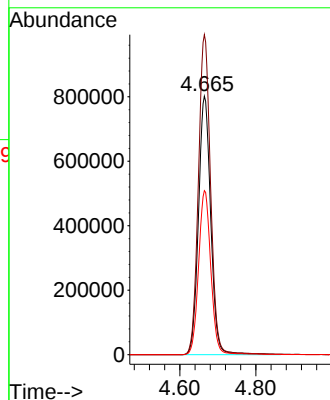
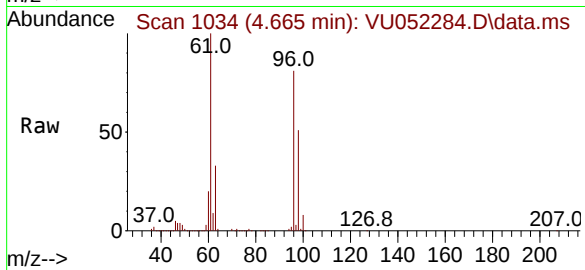
Tgt Ion: 96 Resp: 1795016

Ion Ratio Lower Upper

96 100

61 123.7 85.1 158.1

98 63.4 42.8 79.6



#29

1,1,1-Trichloroethane

Concen: 0.266 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU052284.D

Acq: 09 Dec 2022 05:52

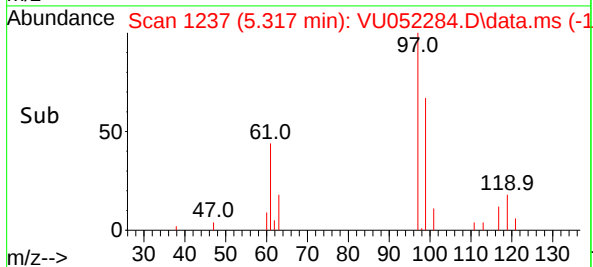
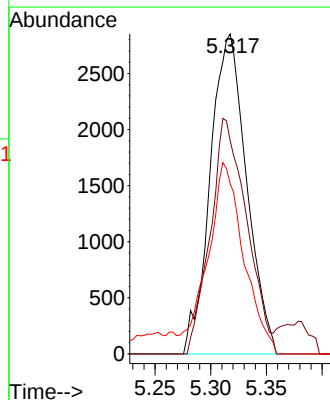
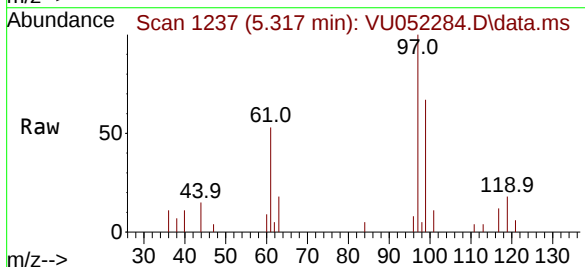
Tgt Ion: 97 Resp: 6471

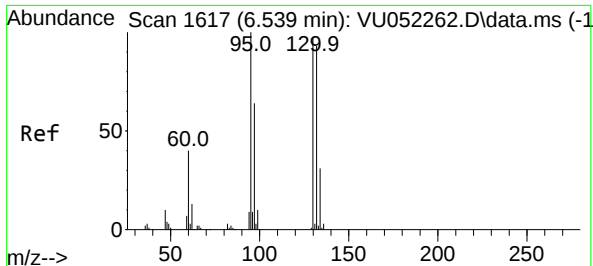
Ion Ratio Lower Upper

97 100

99 73.7 51.0 76.6

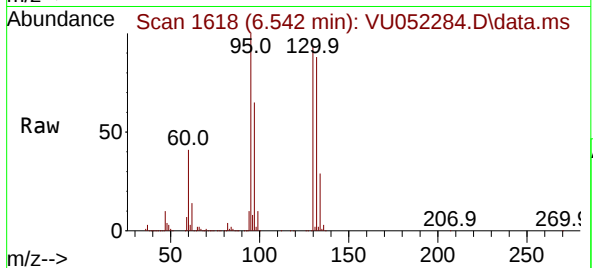
61 59.2 36.9 55.3#





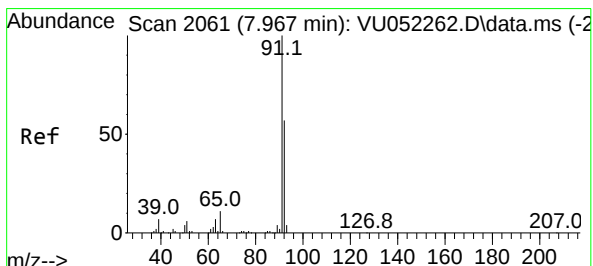
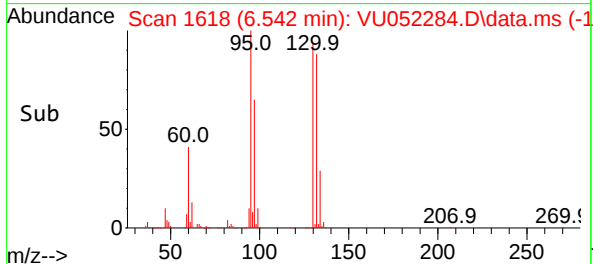
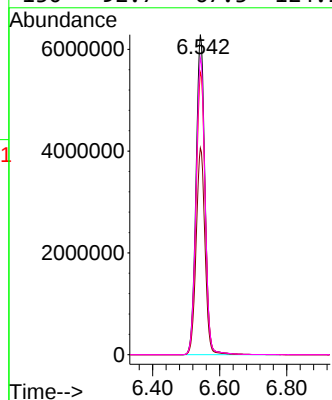
#34
Trichloroethene
Concen: 651.233 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052284.D
Acq: 09 Dec 2022 05:52

Instrument :
MSVOA_U
ClientSampleId :
COL26



Tgt Ion: 95 Resp:11597389

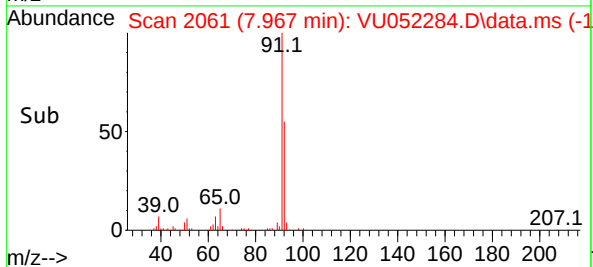
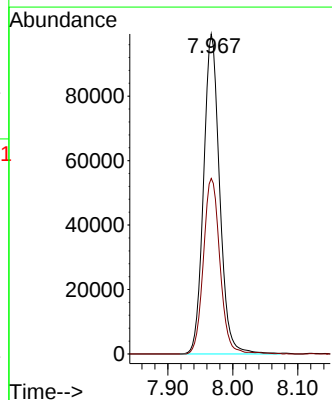
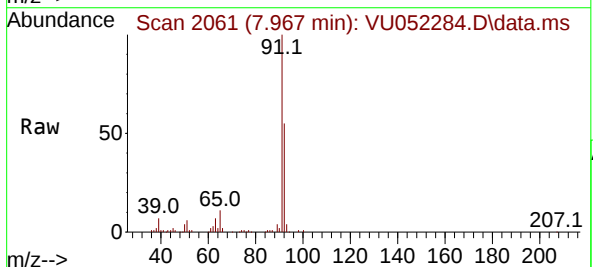
Ion	Ratio	Lower	Upper
95	100		
97	64.6	43.7	81.1
132	88.2	64.3	119.3
130	92.7	67.3	124.9

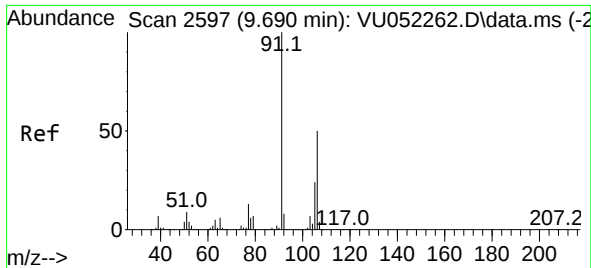


#42
Toluene
Concen: 2.332 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052284.D
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Tgt Ion: 91 Resp: 171288

Ion	Ratio	Lower	Upper
91	100		
92	54.8	40.7	75.5





#53
 m,p-Xylene
 Concen: 0.105 ug/L
 RT: 9.690 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU052284.D
 Acq: 09 Dec 2022 05:52

Instrument :
 MSVOA_U
 ClientSampleId :
 C0L26

Tgt Ion:106 Resp: 2916
 Ion Ratio Lower Upper
 106 100
 91 177.4 137.7 255.7

