

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057323.D
 Acq On : 28 Dec 2023 09:59
 Operator : MD/SY
 Sample : 06021-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Y9

Quant Time: Dec 28 20:47:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

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

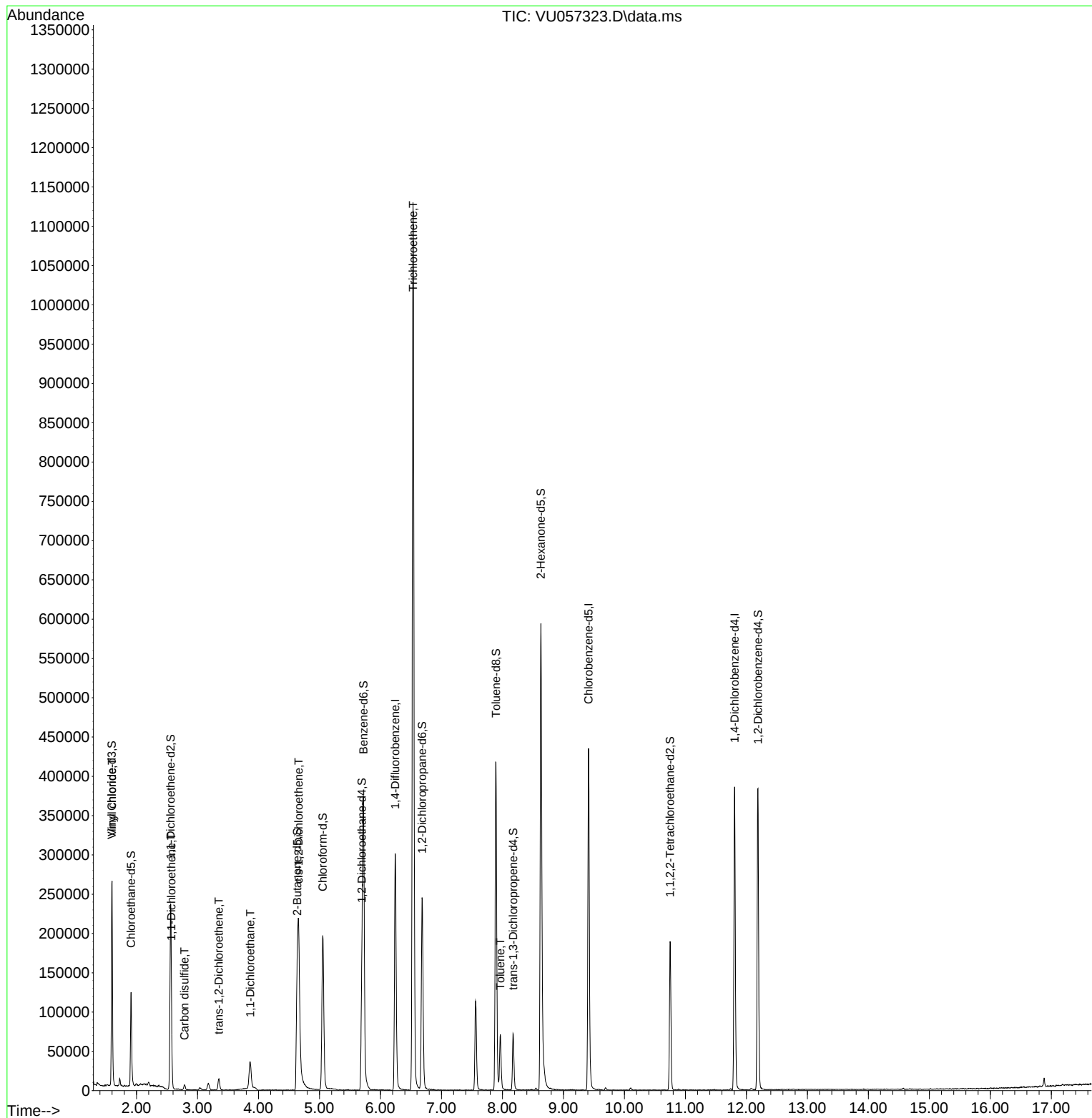
Internal Standards							
1) 1,4-Difluorobenzene		6.242	114	240560	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	242614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	97596	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	108371	5.240	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.800%		
7) Chloroethane-d5		1.911	69	91224	5.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 109.800%		
11) 1,1-Dichloroethene-d2		2.560	65	42744	5.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 103.800%		
20) 2-Butanone-d5		4.634	46	269653	57.570	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 115.140%		
24) Chloroform-d		5.055	84	190209	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.400%		
26) 1,2-Dichloroethane-d4		5.695	65	102600	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.200%		
32) Benzene-d6		5.721	84	358474	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.600%		
36) 1,2-Dichloropropane-d6		6.682	67	118988	5.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 109.800%		
41) Toluene-d8		7.894	98	282136	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 94.600%		
43) trans-1,3-Dichloroprop...		8.177	79	41946	4.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 96.400%		
46) 2-Hexanone-d5		8.631	63	206891	52.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 105.060%		
56) 1,1,2,2-Tetrachloroeth...		10.749	84	96755	5.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 106.400%		
66) 1,2-Dichlorobenzene-d4		12.190	152	100084	5.632	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 112.600%		
Target Compounds							
5) Vinyl chloride		1.599	62	88542	4.409	ug/L	Qvalue 96
12) 1,1-Dichloroethene		2.573	96	8780	0.558	ug/L	# 1
14) Carbon disulfide		2.788	76	9114	0.203	ug/L	100
18) trans-1,2-Dichloroethene		3.351	96	6206	0.398	ug/L	97
19) 1,1-Dichloroethane		3.866	63	41276	1.259	ug/L	95
22) cis-1,2-Dichloroethene		4.660	96	68268	3.785	ug/L	97
34) Trichloroethene		6.534	95	408921	21.956	ug/L	97
42) Toluene		7.965	91	52978	0.704	ug/L	93

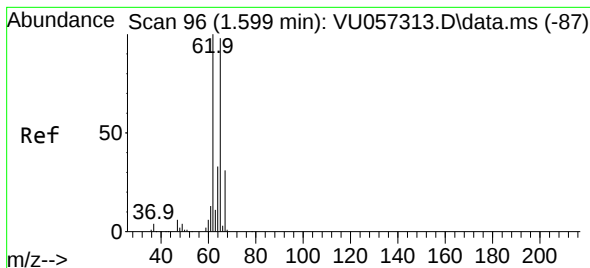
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.409 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU057323.D

Acq: 28 Dec 2023 09:59

Instrument :

MSVOA_U

ClientSampleId :

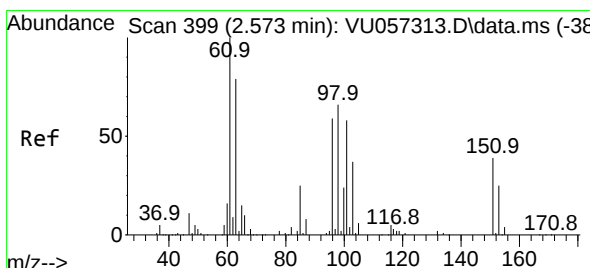
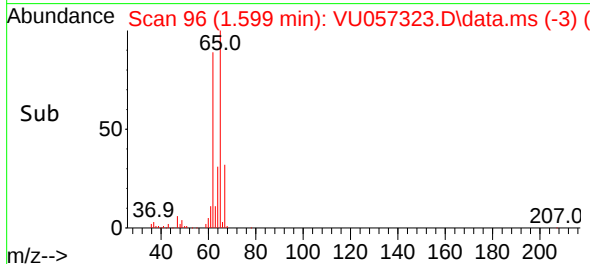
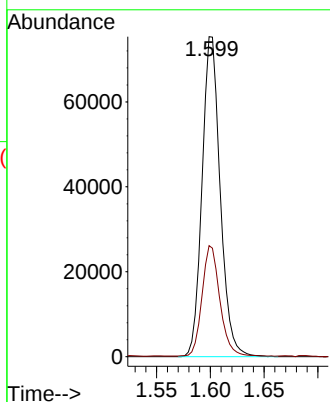
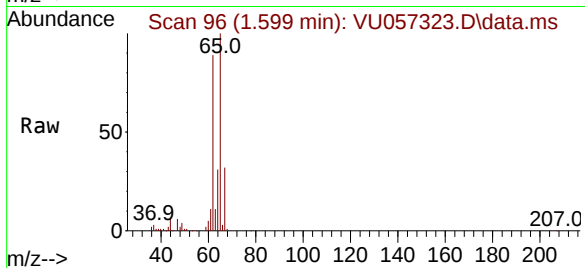
BH7Y9

Tgt Ion: 62 Resp: 88542

Ion Ratio Lower Upper

62 100

64 34.7 22.8 42.4



#12

1,1-Dichloroethene

Concen: 0.558 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU057323.D

Acq: 28 Dec 2023 09:59

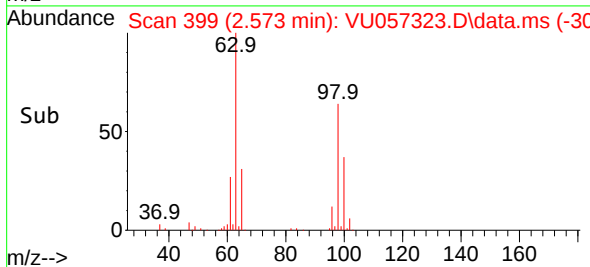
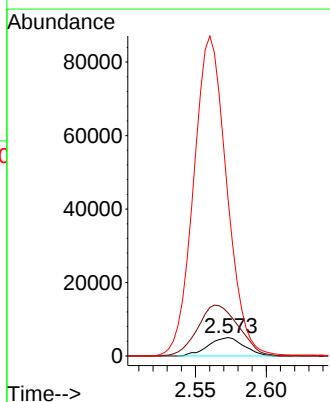
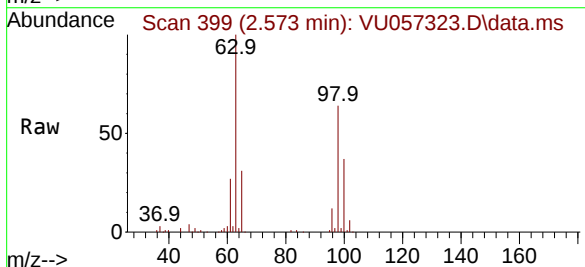
Tgt Ion: 96 Resp: 8780

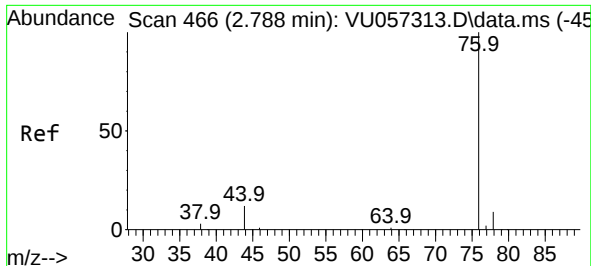
Ion Ratio Lower Upper

96 100

61 233.8 122.2 226.9#

63 855.7 99.2 184.2#

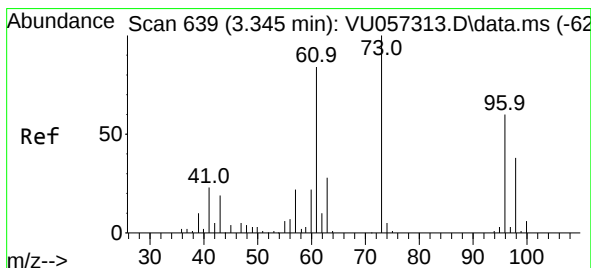
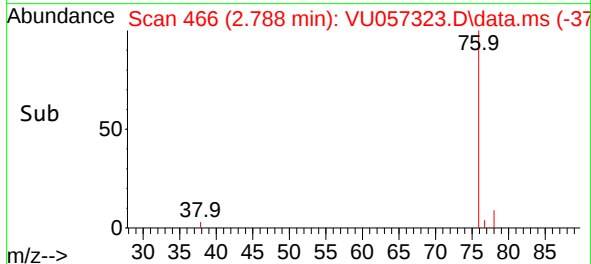
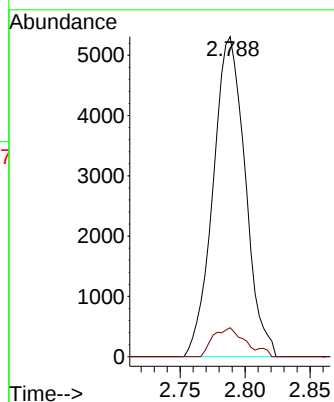
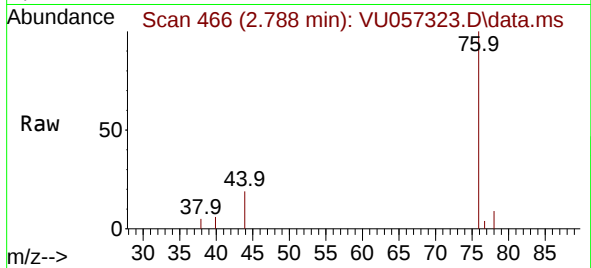




#14
Carbon disulfide
Concen: 0.203 ug/L
RT: 2.788 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU057323.D
Acq: 28 Dec 2023 09:59

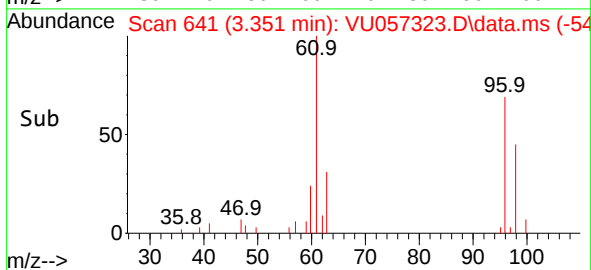
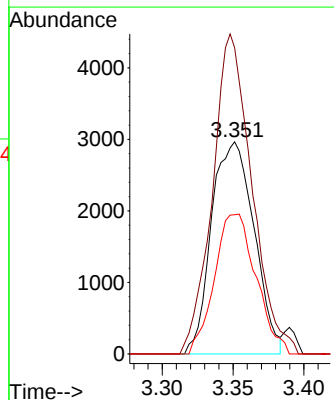
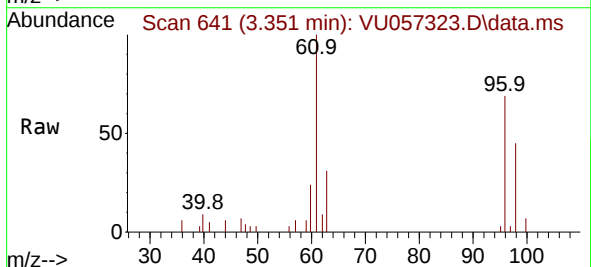
Instrument :
MSVOA_U
ClientSampleId :
BH7Y9

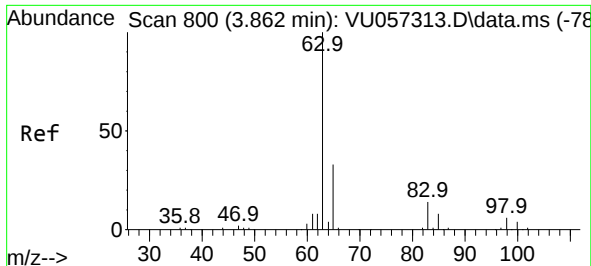
Tgt Ion: 76 Resp: 9114
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
trans-1,2-Dichloroethene
Concen: 0.398 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU057323.D
Acq: 28 Dec 2023 09:59

Tgt Ion: 96 Resp: 6206
Ion Ratio Lower Upper
96 100
61 144.5 97.5 181.1
98 65.6 45.9 85.3





#19

1,1-Dichloroethane

Concen: 1.259 ug/L

RT: 3.866 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU057323.D

Acq: 28 Dec 2023 09:59

Instrument :

MSVOA_U

ClientSampleId :

BH7Y9

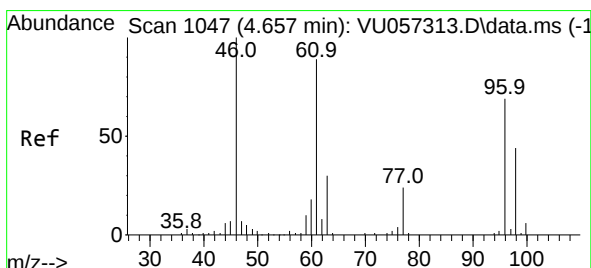
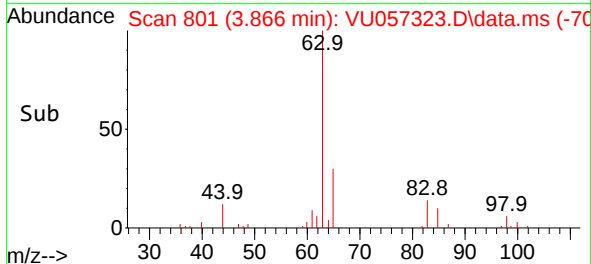
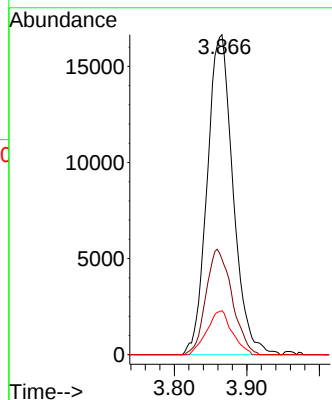
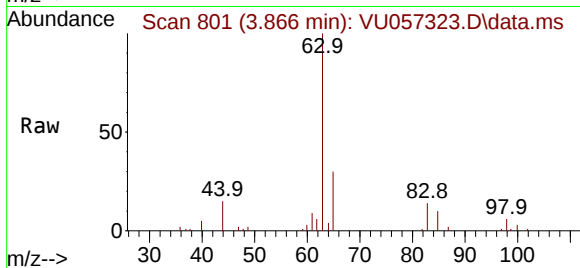
Tgt Ion: 63 Resp: 41276

Ion Ratio Lower Upper

63 100

65 29.8 23.6 43.8

83 13.8 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 3.785 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057323.D

Acq: 28 Dec 2023 09:59

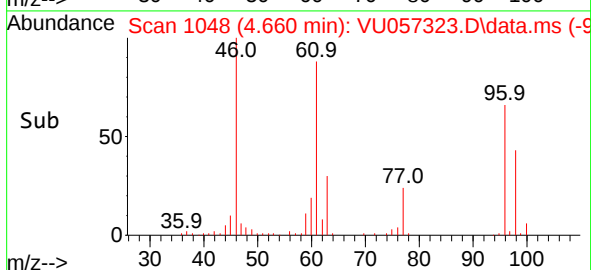
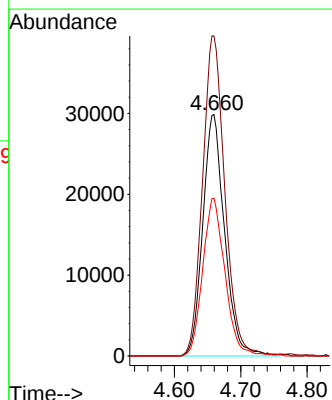
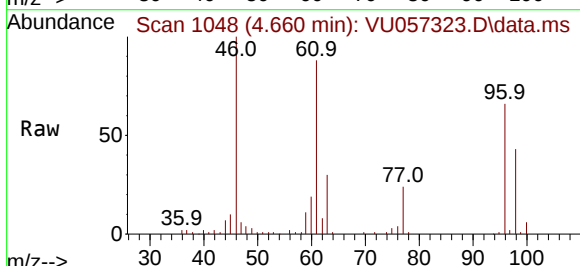
Tgt Ion: 96 Resp: 68268

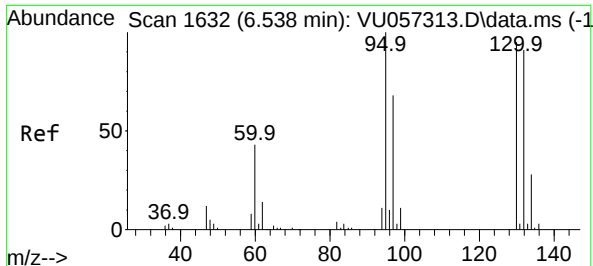
Ion Ratio Lower Upper

96 100

61 132.5 91.1 169.3

98 65.3 42.6 79.0





#34

Trichloroethene

Concen: 21.956 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057323.D

Acq: 28 Dec 2023 09:59

Instrument :

MSVOA_U

ClientSampleId :

BH7Y9

Tgt Ion: 95 Resp: 408921

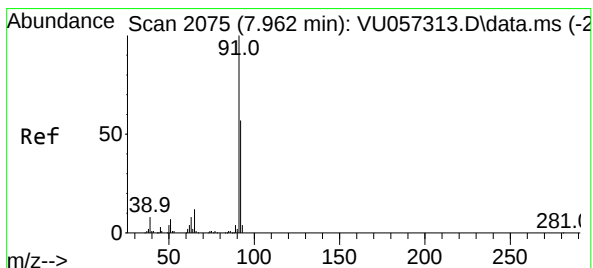
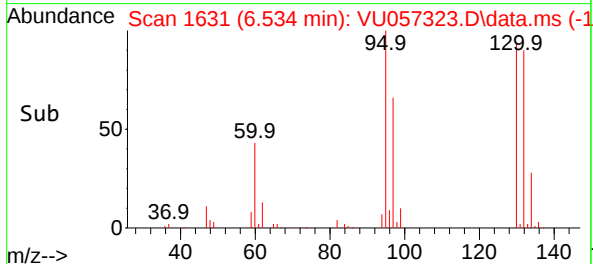
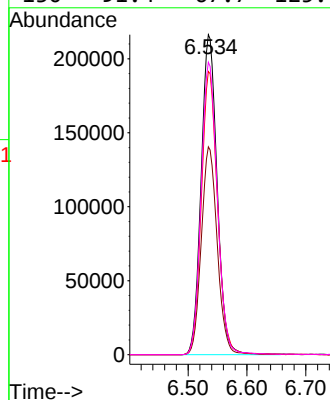
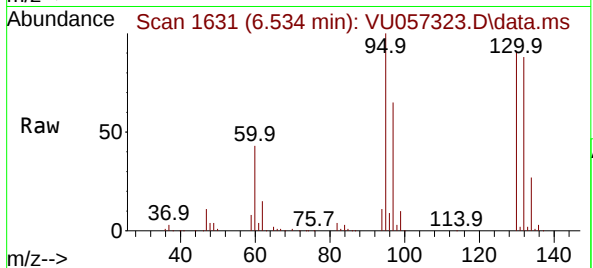
Ion Ratio Lower Upper

95 100

97 64.9 45.3 84.1

132 88.5 63.1 117.3

130 91.4 67.7 125.7



#42

Toluene

Concen: 0.704 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057323.D

Acq: 28 Dec 2023 09:59

Tgt Ion: 91 Resp: 52978

Ion Ratio Lower Upper

91 100

92 54.0 41.6 77.2

