

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122923\
 Data File : VU057364.D
 Acq On : 29 Dec 2023 11:55
 Operator : MD/SY
 Sample : 06021-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z5

Quant Time: Dec 29 23:03:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 23:01:57 2023
 Response via : Initial Calibration

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

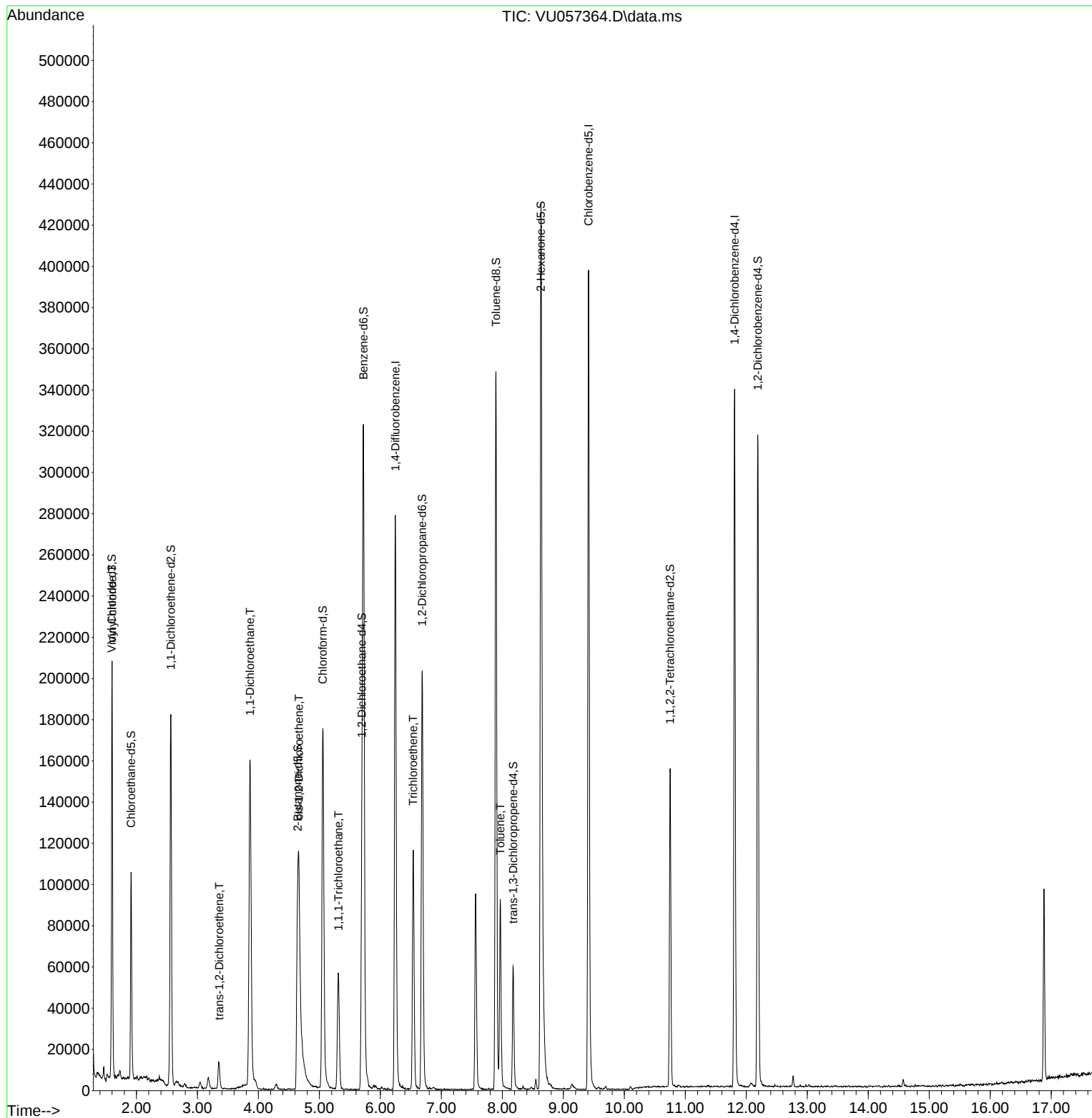
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	222784	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	224121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81332	4.247	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.911	69	75300	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.563	65	34744	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.644	46	206108	47.514	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.020%
24) Chloroform-d	5.055	84	171137	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.695	65	85537	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.721	84	307878	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.685	67	103239	5.157	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.894	98	236240	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.177	79	35557	4.427	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.631	63	144559	39.734	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.460%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80496	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	82673	5.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	70654	3.799	ug/L	98
18) trans-1,2-Dichloroethene	3.358	96	5884	0.407	ug/L	98
19) 1,1-Dichloroethane	3.862	63	184792	6.086	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	24070	1.441	ug/L	94
29) 1,1,1-Trichloroethane	5.313	97	41897	1.476	ug/L	98
34) Trichloroethene	6.538	95	43052	2.502	ug/L	96
42) Toluene	7.965	91	65903	0.948	ug/L	95

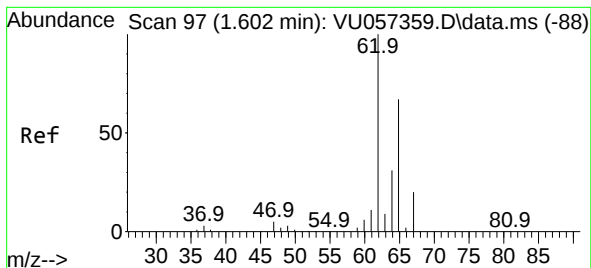
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 29 23:01:57 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.799 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057364.D

Acq: 29 Dec 2023 11:55

Instrument :

MSVOA_U

ClientSampleId :

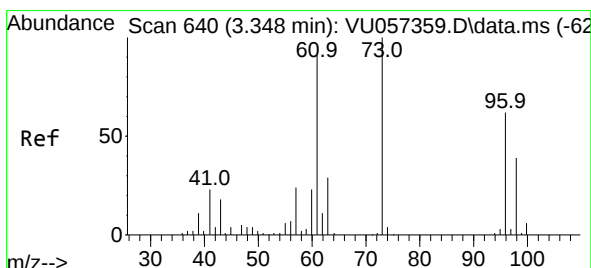
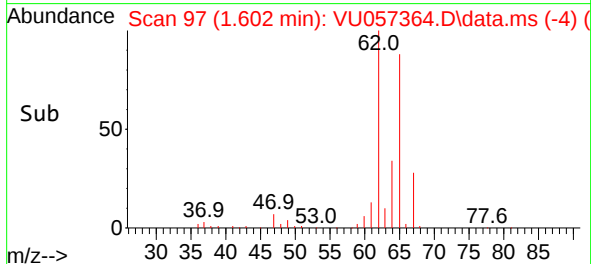
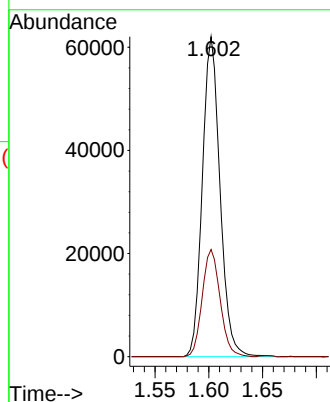
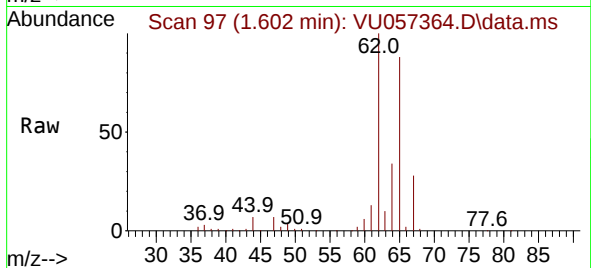
BH7Z5

Tgt Ion: 62 Resp: 70654

Ion Ratio Lower Upper

62 100

64 33.5 22.8 42.4



#18

trans-1,2-Dichloroethene

Concen: 0.407 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.010 min

Lab File: VU057364.D

Acq: 29 Dec 2023 11:55

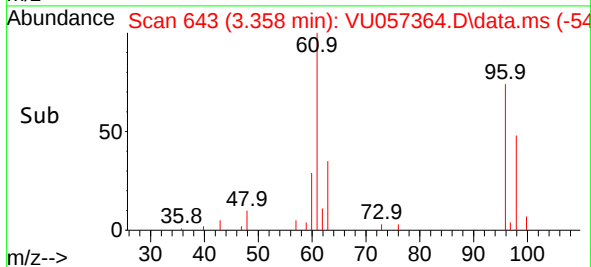
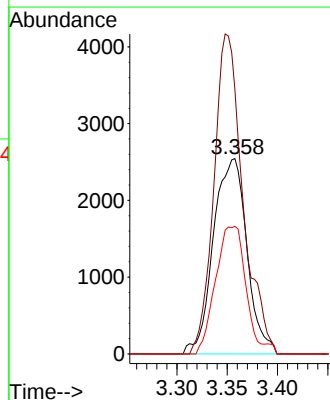
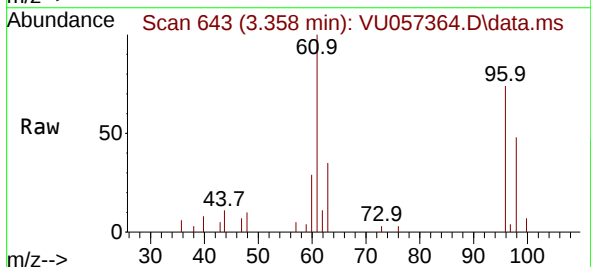
Tgt Ion: 96 Resp: 5884

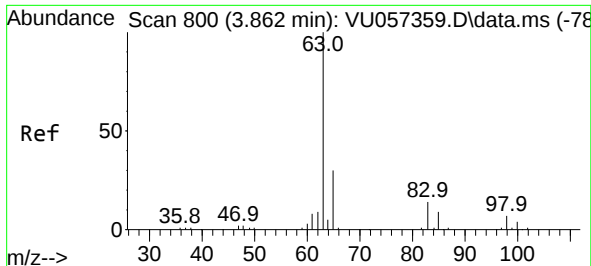
Ion Ratio Lower Upper

96 100

61 135.2 97.5 181.1

98 65.4 45.9 85.3





#19

1,1-Dichloroethane

Concen: 6.086 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU057364.D

Acq: 29 Dec 2023 11:55

Instrument :

MSVOA_U

ClientSampleId :

BH7Z5

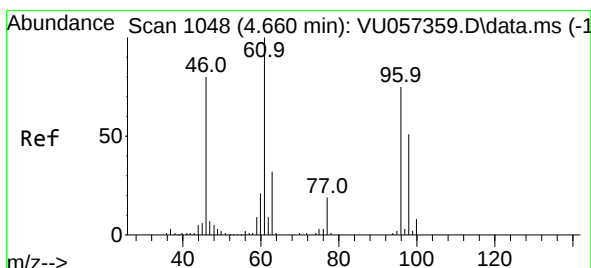
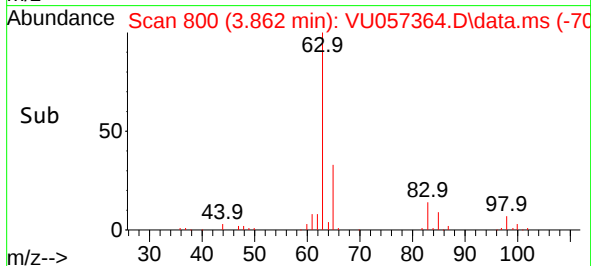
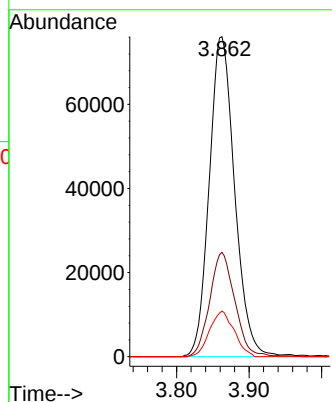
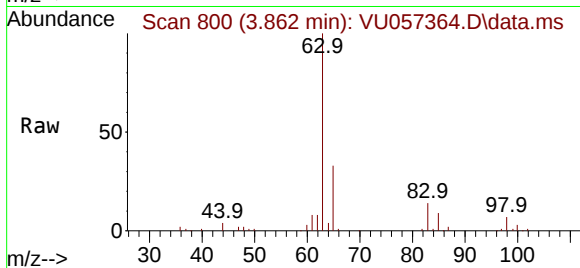
Tgt Ion: 63 Resp: 184792

Ion Ratio Lower Upper

63 100

65 32.6 23.6 43.8

83 14.2 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 1.441 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU057364.D

Acq: 29 Dec 2023 11:55

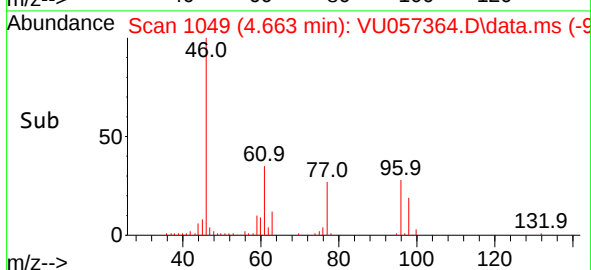
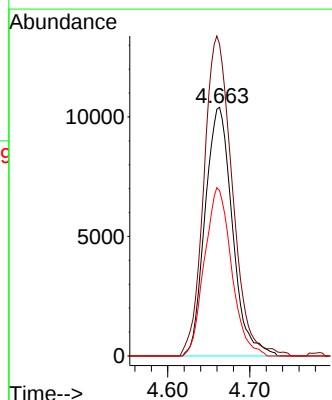
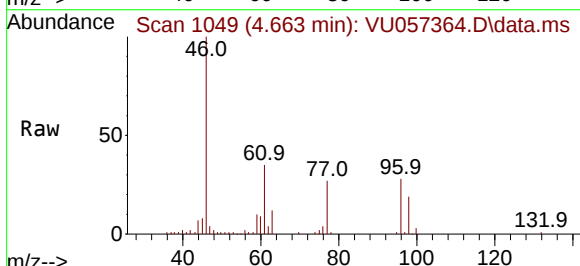
Tgt Ion: 96 Resp: 24070

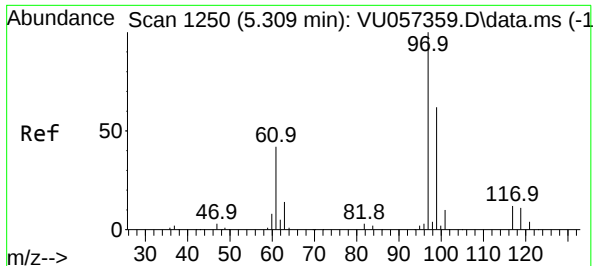
Ion Ratio Lower Upper

96 100

61 125.4 91.1 169.3

98 67.7 42.6 79.0



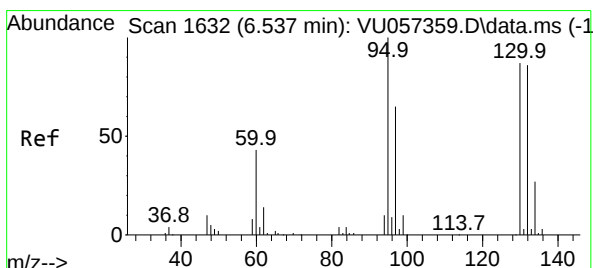
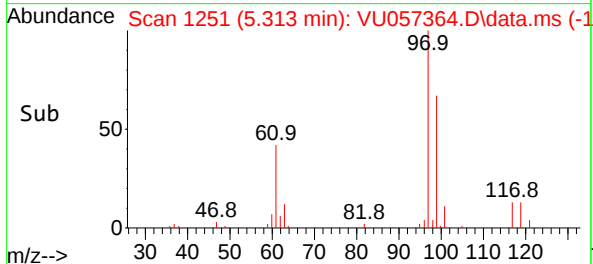
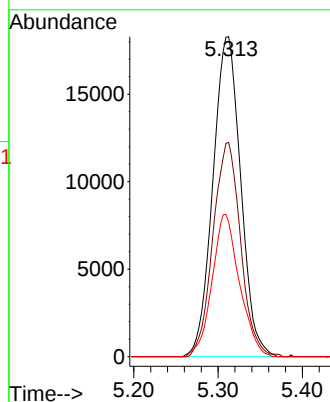
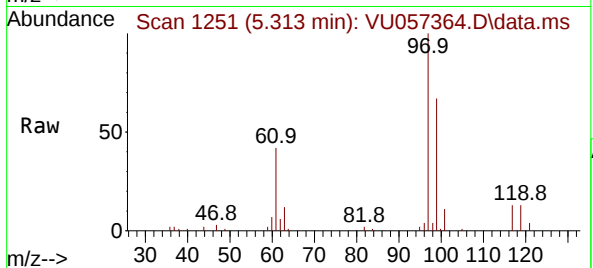


#29
1,1,1-Trichloroethane
Concen: 1.476 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU057364.D
Acq: 29 Dec 2023 11:55

Instrument :
MSVOA_U
ClientSampleId :
BH7Z5

Tgt Ion: 97 Resp: 41897

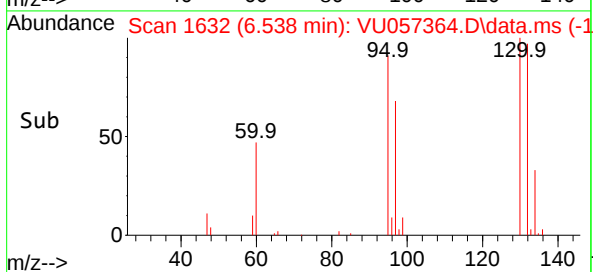
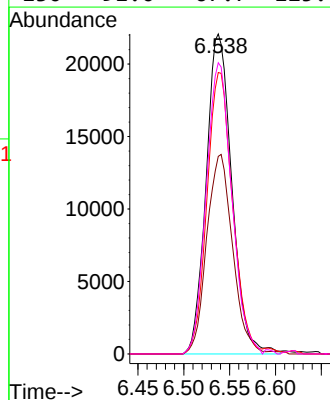
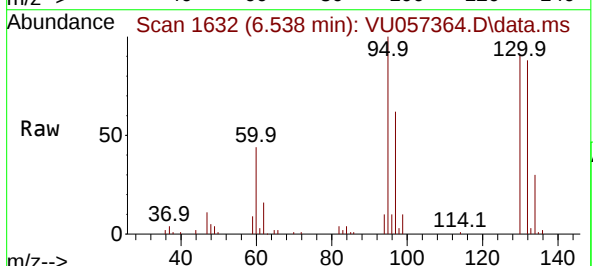
Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.7	77.5
61	43.9	34.1	51.1

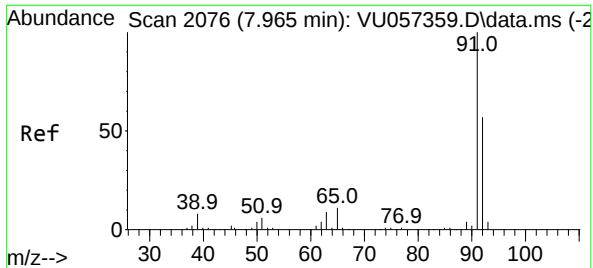


#34
Trichloroethene
Concen: 2.502 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057364.D
Acq: 29 Dec 2023 11:55

Tgt Ion: 95 Resp: 43052

Ion	Ratio	Lower	Upper
95	100		
97	61.7	45.3	84.1
132	88.0	63.1	117.3
130	91.0	67.7	125.7





#42
 Toluene
 Concen: 0.948 ug/L
 RT: 7.965 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VU057364.D
 Acq: 29 Dec 2023 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z5

Tgt Ion: 91 Resp: 65903
 Ion Ratio Lower Upper
 91 100
 92 55.3 41.6 77.2

