

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056742.D
 Acq On : 11 Dec 2023 19:18
 Operator : MD/SY
 Sample : 05677-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD4

Quant Time: Dec 12 01:12:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

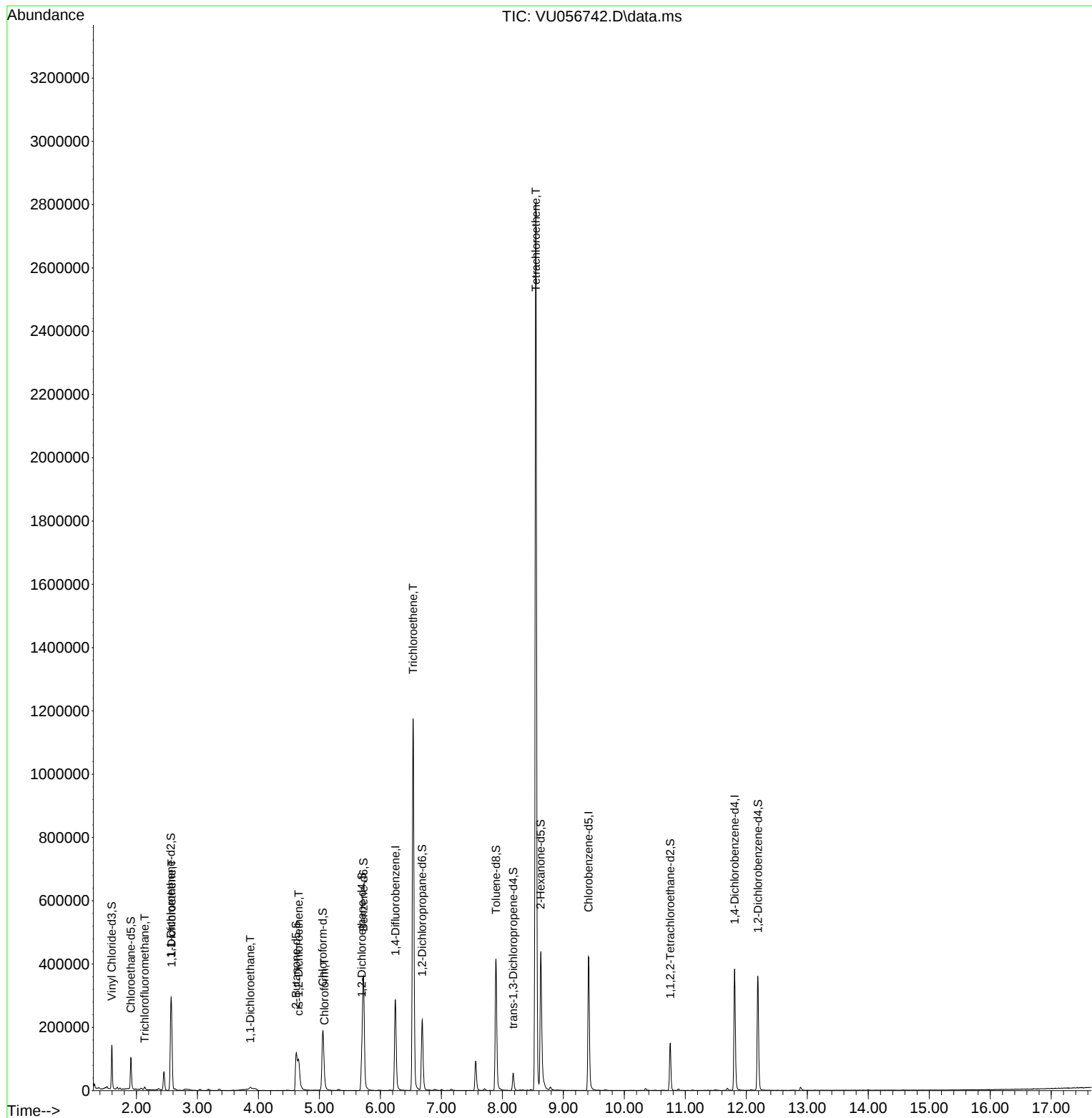
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	241874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	97457	4.701	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.908	69	72684	4.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.563	65	40639	4.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.618	46	190748	46.588	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.180%
24) Chloroform-d	5.055	84	176678	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	86491	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.721	84	351367	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.682	67	107659	4.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	294142	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.177	79	32280	3.473	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.627	63	148017	42.225	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.460%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	74201	4.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	95594	4.708	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.136	101	4769	0.137	ug/L	85
12) 1,1-Dichloroethene	2.576	96	53689	2.734	ug/L	88
19) 1,1-Dichloroethane	3.866	63	6414	0.167	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	40555	1.872	ug/L	96
25) Chloroform	5.081	83	16857	0.420	ug/L	92
34) Trichloroethene	6.534	95	427736	17.973	ug/L	96
47) Tetrachloroethene	8.547	164	604186	36.275	ug/L	98

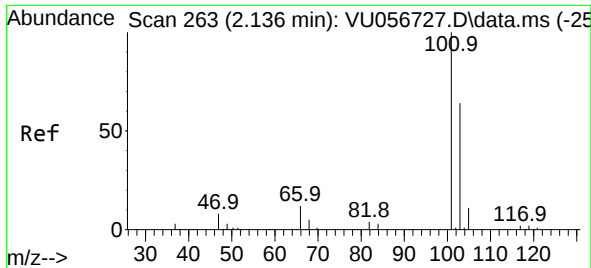
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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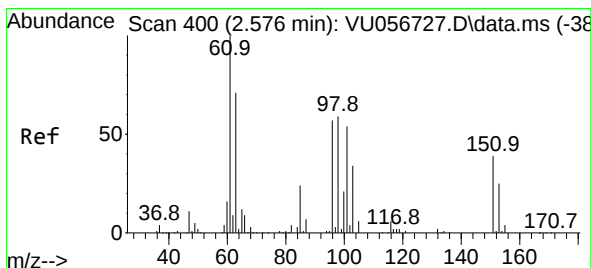
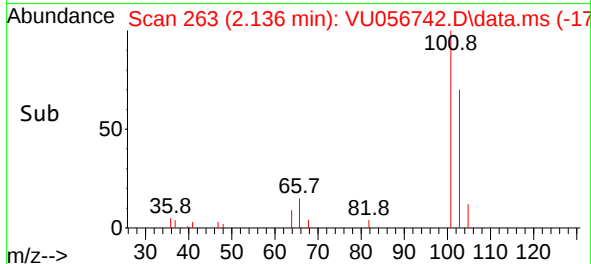
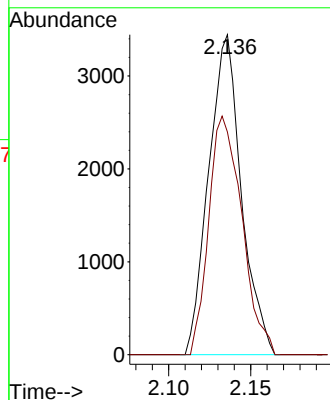
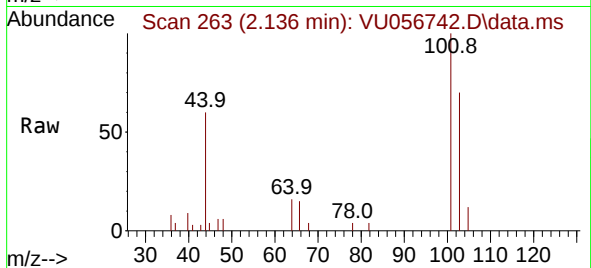




#9
 Trichlorofluoromethane
 Concen: 0.137 ug/L
 RT: 2.136 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VU056742.D
 Acq: 11 Dec 2023 19:18

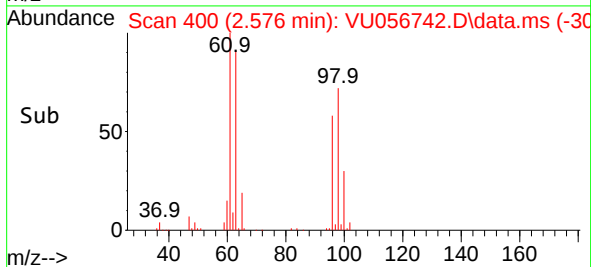
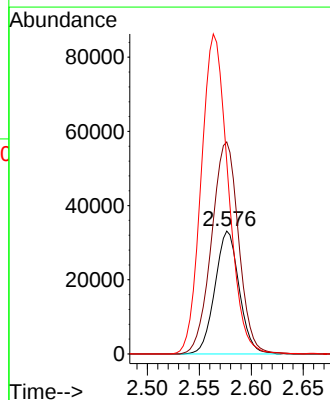
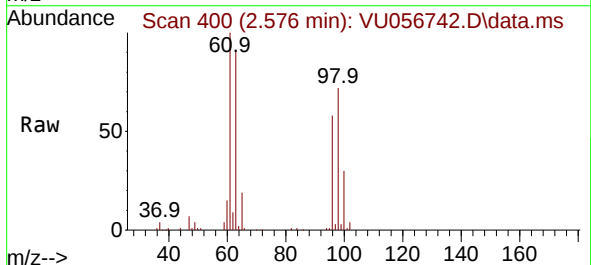
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD4

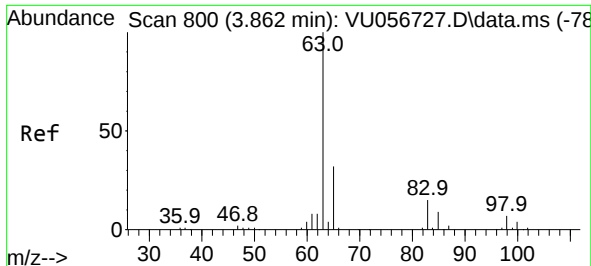
Tgt Ion:101 Resp: 4769
 Ion Ratio Lower Upper
 101 100
 103 75.8 51.4 77.2



#12
 1,1-Dichloroethene
 Concen: 2.734 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056742.D
 Acq: 11 Dec 2023 19:18

Tgt Ion: 96 Resp: 53689
 Ion Ratio Lower Upper
 96 100
 61 172.6 119.0 221.0
 63 156.5 88.7 164.7





#19

1,1-Dichloroethane

Concen: 0.167 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU056742.D

Acq: 11 Dec 2023 19:18

Instrument :

MSVOA_U

ClientSampleId :

H0AD4

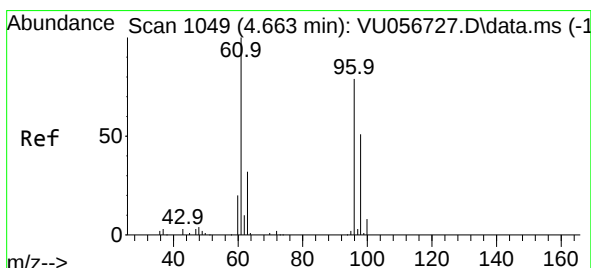
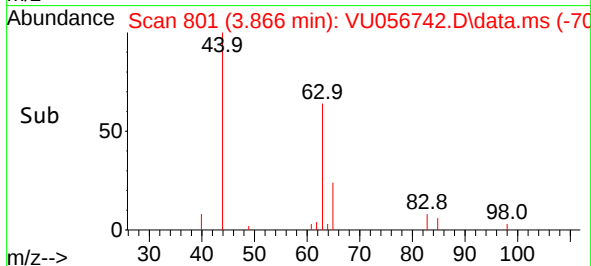
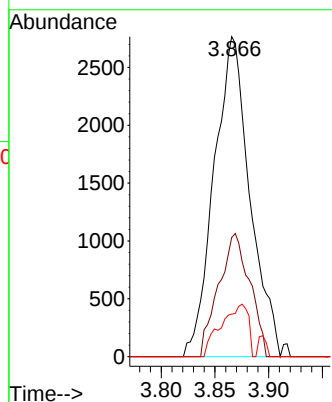
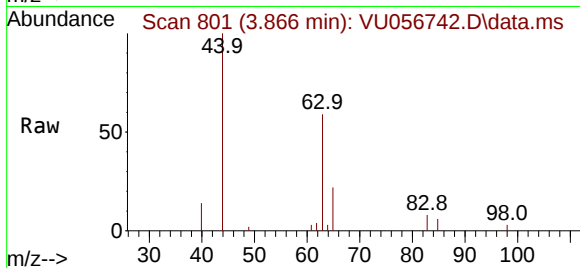
Tgt Ion: 63 Resp: 6414

Ion Ratio Lower Upper

63 100

65 37.3 22.9 42.5

83 13.3 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 1.872 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU056742.D

Acq: 11 Dec 2023 19:18

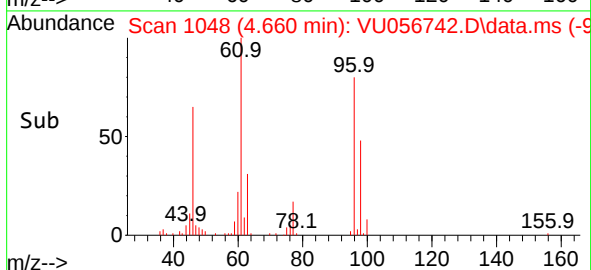
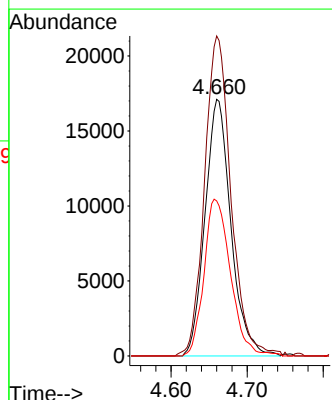
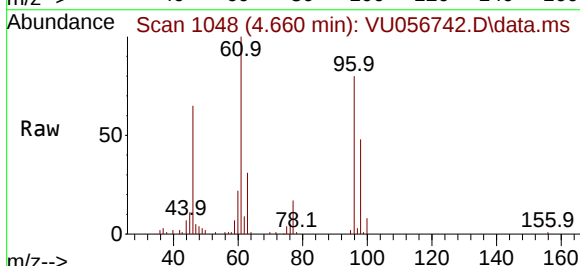
Tgt Ion: 96 Resp: 40555

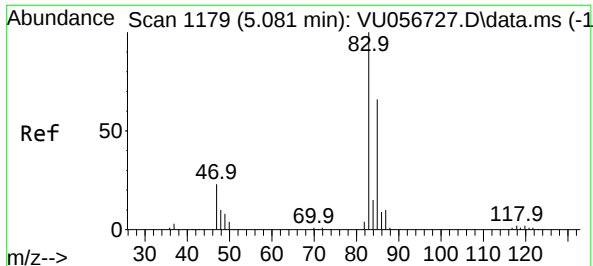
Ion Ratio Lower Upper

96 100

61 124.7 91.3 169.6

98 60.4 44.2 82.0





#25

Chloroform

Concen: 0.420 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056742.D

Acq: 11 Dec 2023 19:18

Instrument :

MSVOA_U

ClientSampleId :

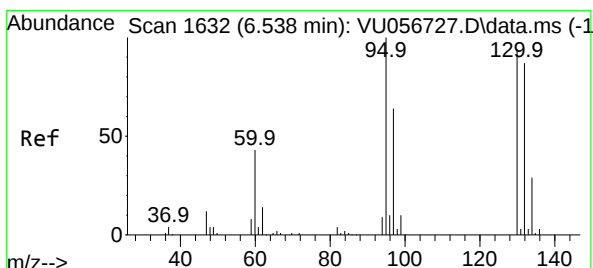
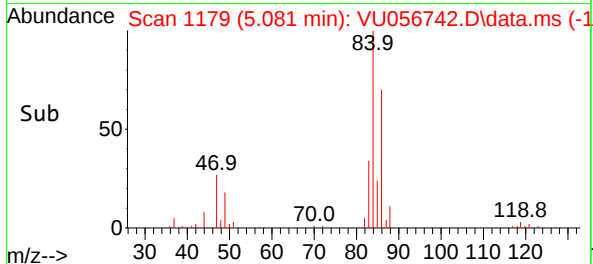
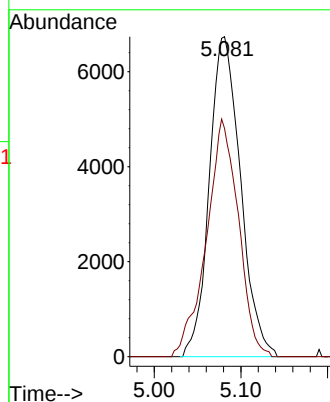
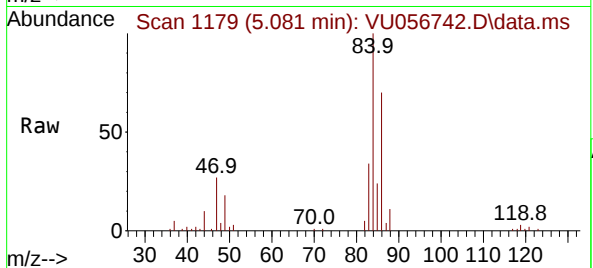
H0AD4

Tgt Ion: 83 Resp: 16857

Ion Ratio Lower Upper

83 100

85 71.4 45.8 85.0



#34

Trichloroethene

Concen: 17.973 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU056742.D

Acq: 11 Dec 2023 19:18

Tgt Ion: 95 Resp: 427736

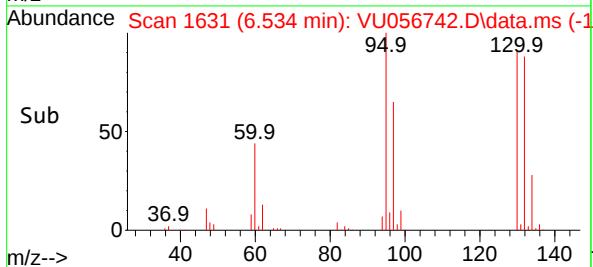
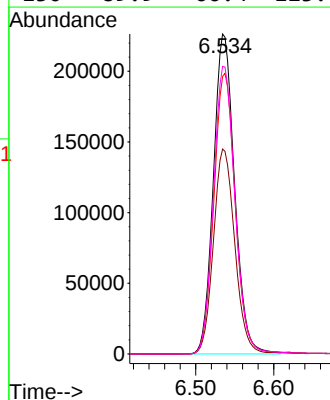
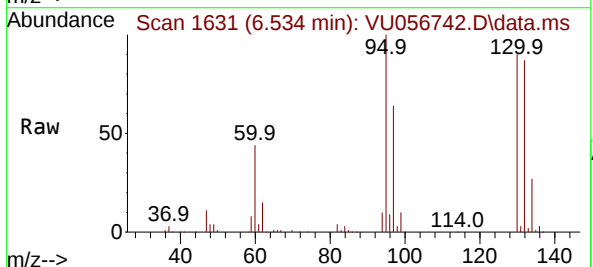
Ion Ratio Lower Upper

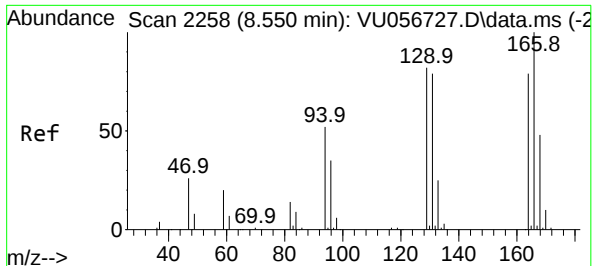
95 100

97 64.0 46.1 85.5

132 86.8 63.6 118.0

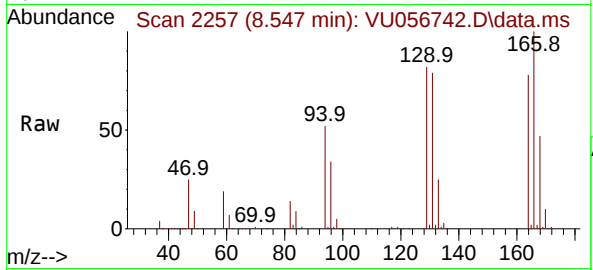
130 89.9 66.4 123.4





#47
Tetrachloroethene
Concen: 36.275 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056742.D
Acq: 11 Dec 2023 19:18

Instrument :
MSVOA_U
ClientSampleId :
H0AD4



Tgt Ion:	164	Resp:	604186
Ion	Ratio	Lower	Upper
164	100		
129	104.9	73.4	136.4
131	100.3	71.5	132.9
166	127.4	92.7	172.1

