

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055125.D
 Acq On : 06 Sep 2023 04:14
 Operator : MD/SY
 Sample : 04267-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D1

Quant Time: Sep 06 05:28:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

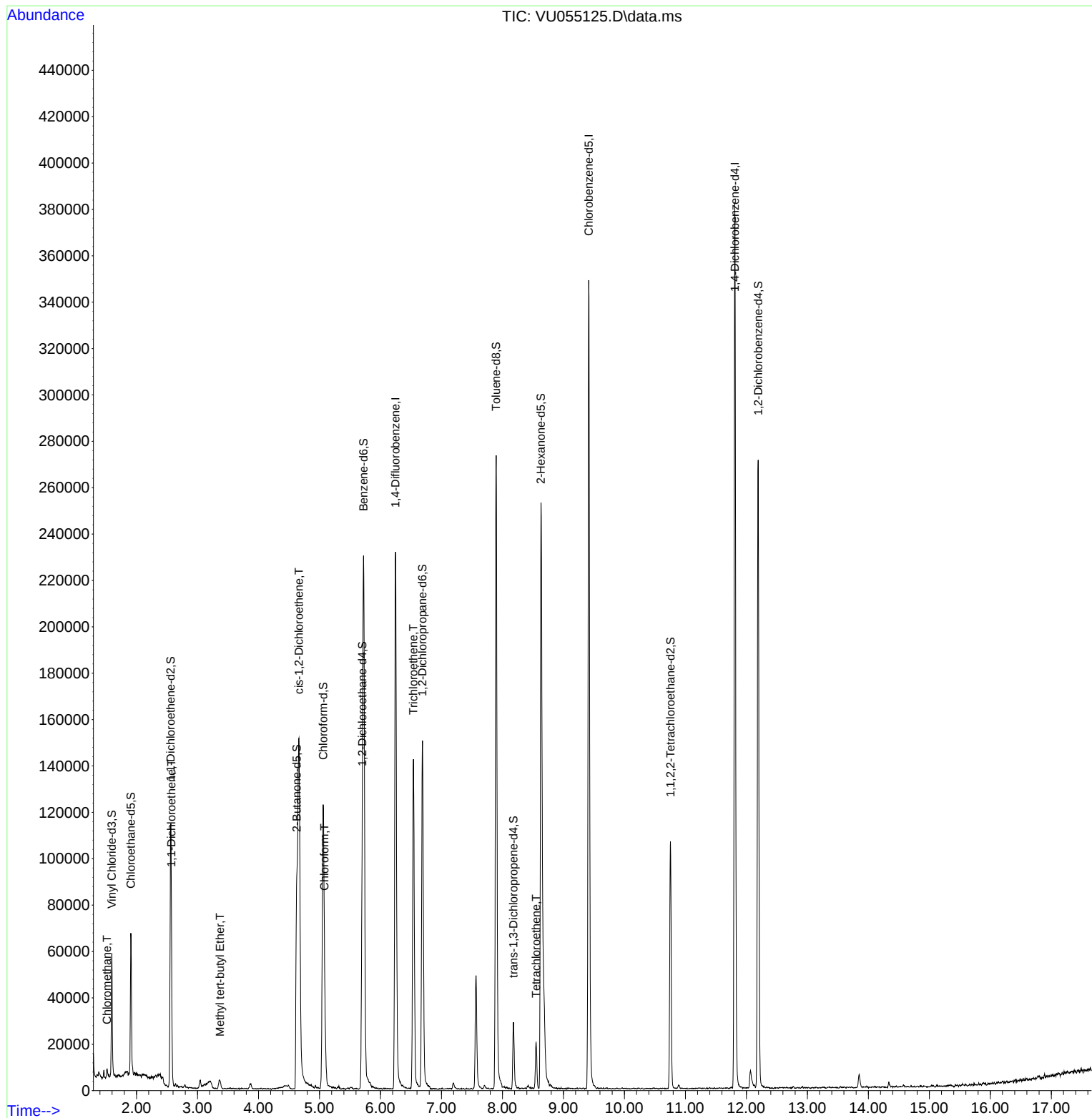
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	184466	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	191877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34995	4.048	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.907	69	43049	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.560	65	22348	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.628	46	135566	54.034	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.060%
24) Chloroform-d	5.062	84	109661	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.701	65	57890	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.724	84	212591	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.689	67	71194	4.726	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.897	98	184500	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.180	79	16035	3.865	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.631	63	80857	48.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.020%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52762	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	69390	4.824	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
3) Chloromethane	1.518	50	2406	0.220	ug/L #	82
12) 1,1-Dichloroethene	2.573	96	1969	0.231	ug/L #	1
17) Methyl tert-butyl Ether	3.370	73	3931	0.176	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	68224	6.441	ug/L	96
25) Chloroform	5.081	83	19663	1.010	ug/L	89
34) Trichloroethene	6.541	95	46850	4.128	ug/L	95
47) Tetrachloroethene	8.553	164	4079	0.520	ug/L	88

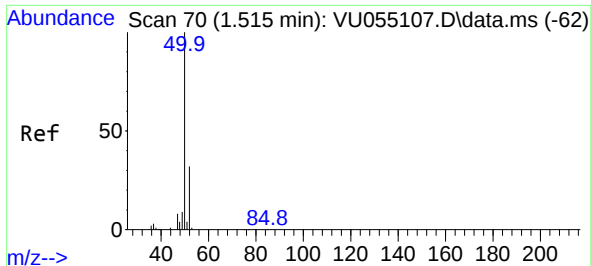
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.220 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055125.D
Acq: 06 Sep 2023 04:14

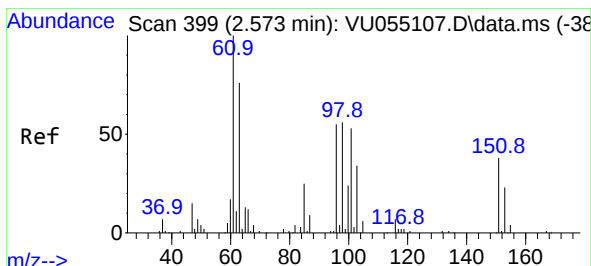
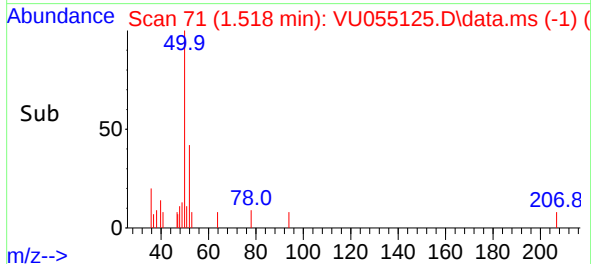
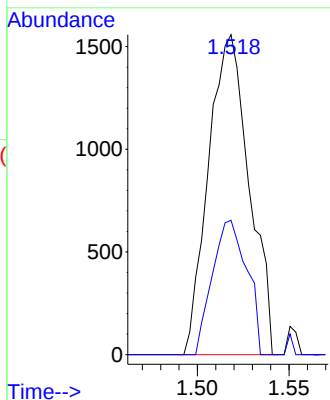
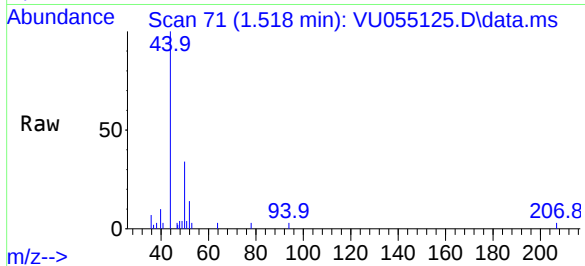
Instrument :

MSVOA_U

ClientSampleId :

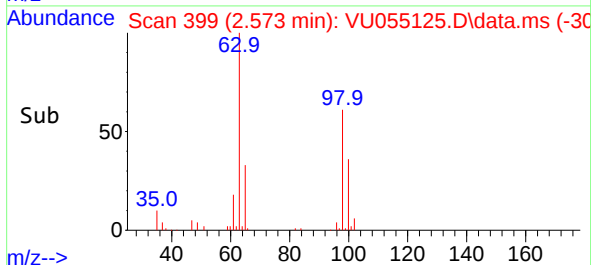
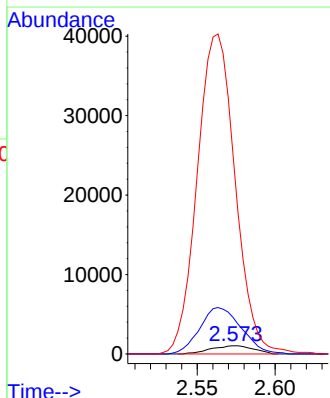
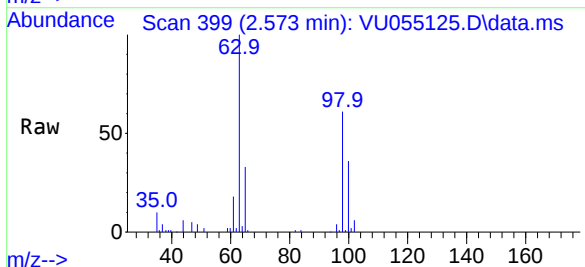
BH4D1

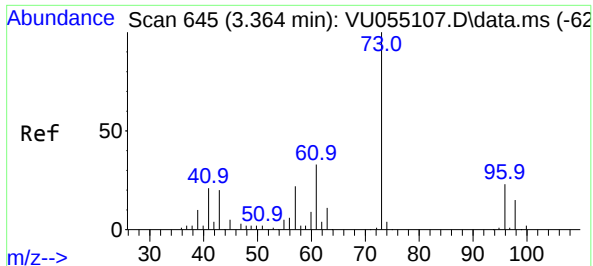
Tgt Ion: 50 Resp: 2406
Ion Ratio Lower Upper
50 100
52 42.0 22.5 41.7#



#12
1,1-Dichloroethene
Concen: 0.231 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU055125.D
Acq: 06 Sep 2023 04:14

Tgt Ion: 96 Resp: 1969
Ion Ratio Lower Upper
96 100
61 444.2 120.8 224.4#
63 2413.9 94.5 175.5#

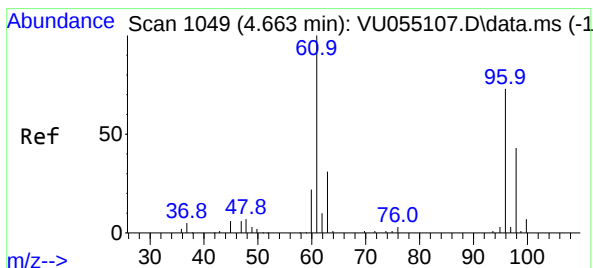
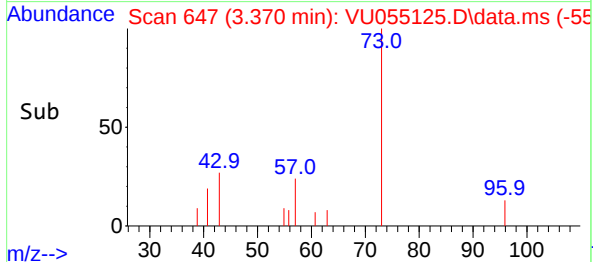
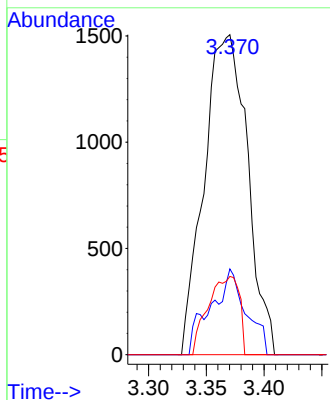
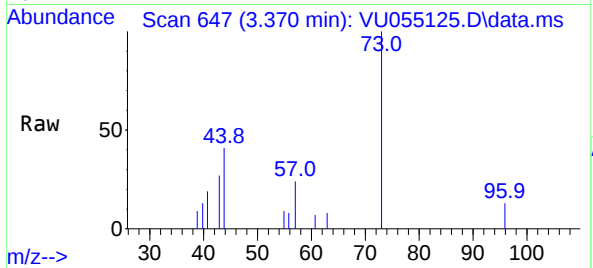




#17
Methyl tert-butyl Ether
Concen: 0.176 ug/L
RT: 3.370 min Scan# 645
Delta R.T. 0.007 min
Lab File: VU055125.D
Acq: 06 Sep 2023 04:14

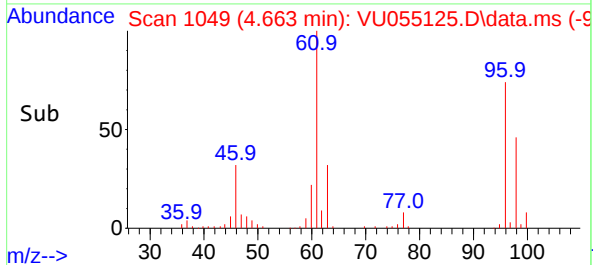
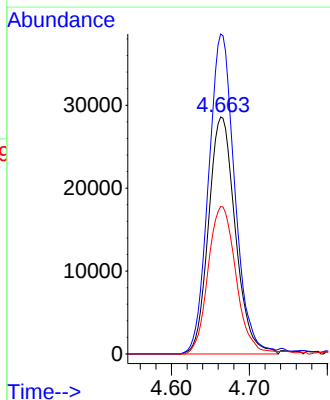
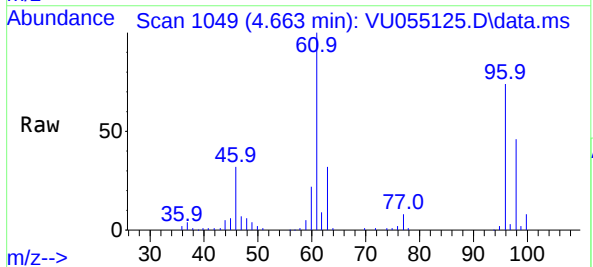
Instrument :
MSVOA_U
ClientSampleId :
BH4D1

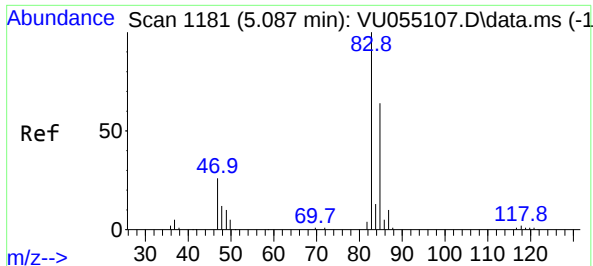
Tgt Ion: 73 Resp: 3931
Ion Ratio Lower Upper
73 100
43 18.6 16.2 24.2
57 17.6 17.4 26.2



#22
cis-1,2-Dichloroethene
Concen: 6.441 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055125.D
Acq: 06 Sep 2023 04:14

Tgt Ion: 96 Resp: 68224
Ion Ratio Lower Upper
96 100
61 135.1 97.2 180.4
98 62.2 46.1 85.7





#25

Chloroform

Concen: 1.010 ug/L

RT: 5.081 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VU055125.D

Acq: 06 Sep 2023 04:14

Instrument :

MSVOA_U

ClientSampleId :

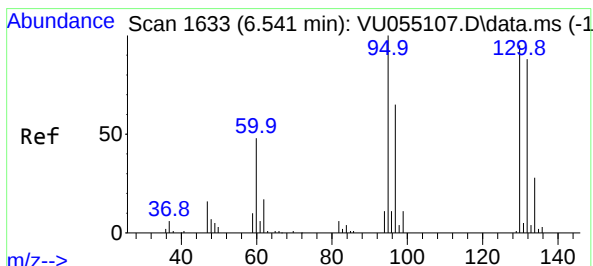
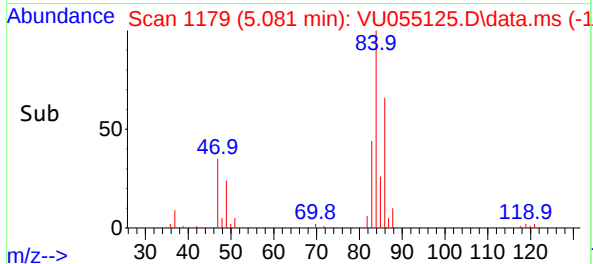
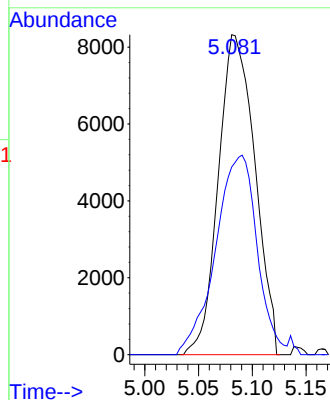
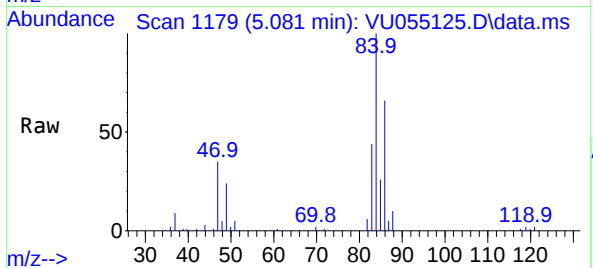
BH4D1

Tgt Ion: 83 Resp: 19663

Ion Ratio Lower Upper

83 100

85 58.7 47.2 87.6



#34

Trichloroethene

Concen: 4.128 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055125.D

Acq: 06 Sep 2023 04:14

Tgt Ion: 95 Resp: 46850

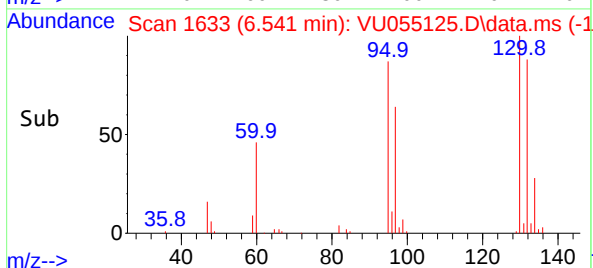
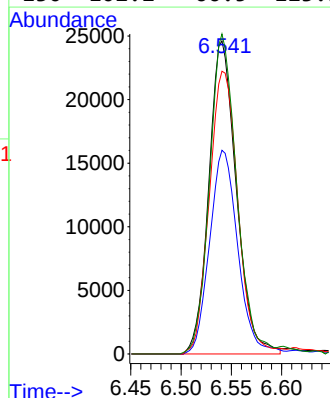
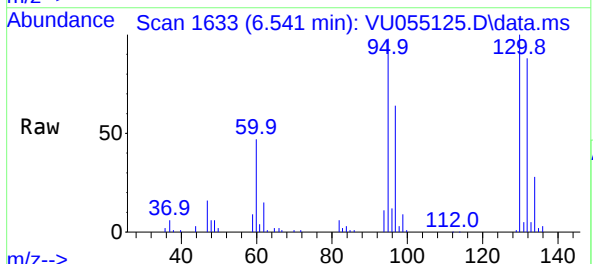
Ion Ratio Lower Upper

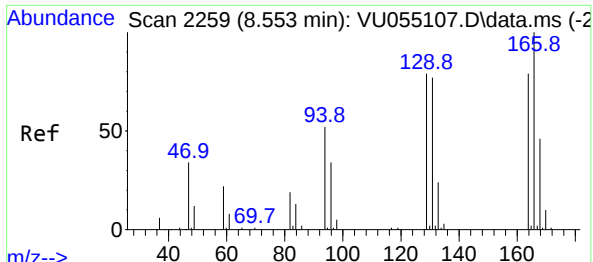
95 100

97 65.0 44.7 83.1

132 90.3 66.6 123.6

130 102.2 66.5 123.5





#47
 Tetrachloroethene
 Concen: 0.520 ug/L
 RT: 8.553 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU055125.D
 Acq: 06 Sep 2023 04:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D1

Tgt Ion:164 Resp: 4079

Ion	Ratio	Lower	Upper
164	100		
129	99.5	69.2	128.6
131	118.7	68.8	127.8
166	147.0	92.3	171.5

