

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055293.D
 Acq On : 13 Sep 2023 18:43
 Operator : MD/SY
 Sample : 04350-13DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N4DL

Quant Time: Sep 14 05:07:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

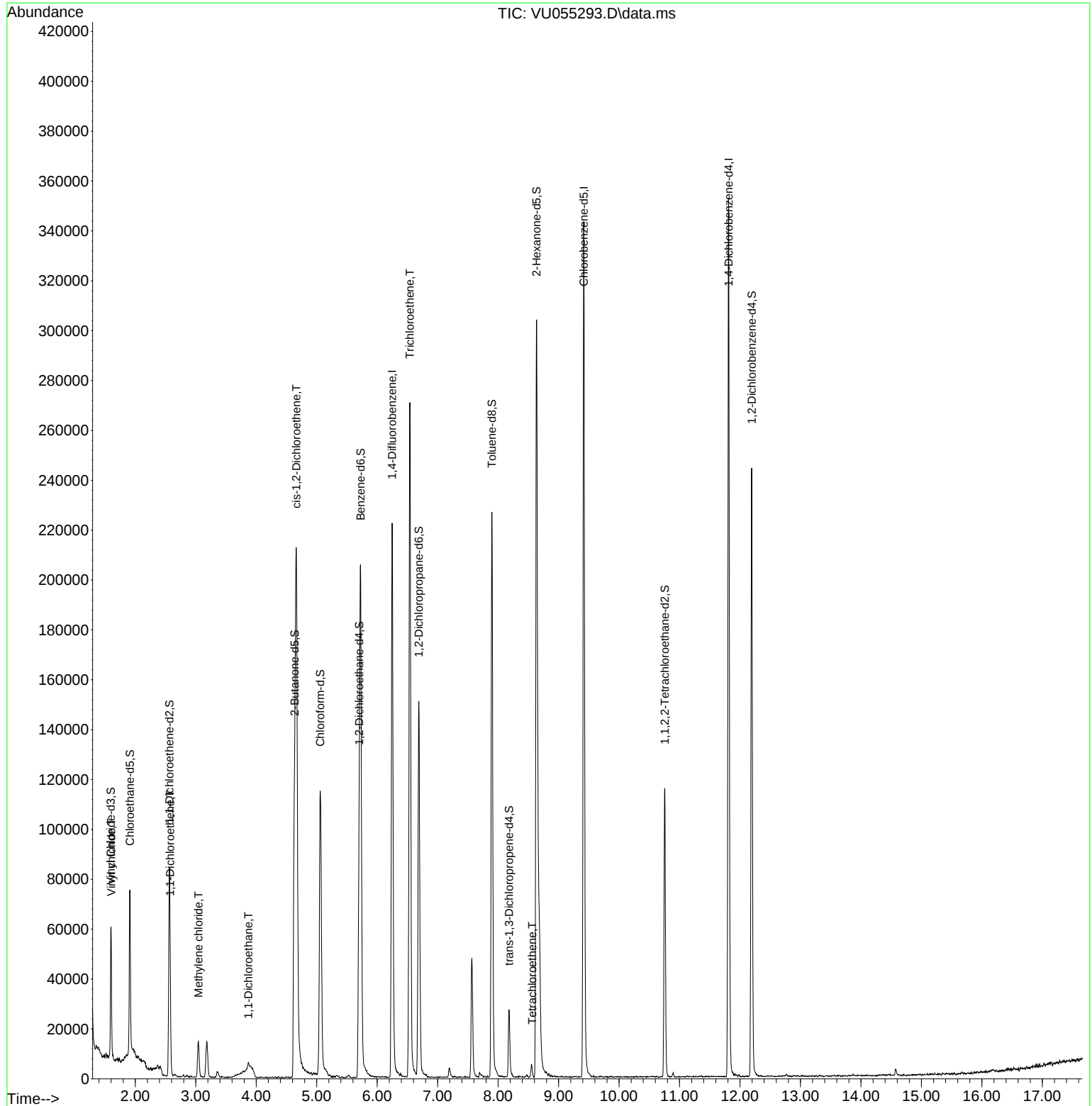
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181535	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	94458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25267	2.970	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.400%	
7) Chloroethane-d5	1.911	69	46939	4.766	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.563	65	14836	3.060	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.200%	
20) 2-Butanone-d5	4.634	46	179863	72.848	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.700%#	
24) Chloroform-d	5.058	84	108722	4.816	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.701	65	60800	5.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	5.724	84	197059	4.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.688	67	70449	4.663	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.897	98	157087	3.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.800%	
43) trans-1,3-Dichloroprop...	8.180	79	17195	4.133	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.634	63	96772	57.289	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.580%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	58210	5.478	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	62268	4.516	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	14181	1.252	ug/L	92
12) 1,1-Dichloroethene	2.576	96	6742	0.803	ug/L #	24
16) Methylene chloride	3.042	84	7232	0.564	ug/L	92
19) 1,1-Dichloroethane	3.869	63	3375	0.183	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	90764	8.708	ug/L	91
34) Trichloroethene	6.541	95	91190	8.011	ug/L	97
47) Tetrachloroethene	8.563	164	1206	0.153	ug/L #	59

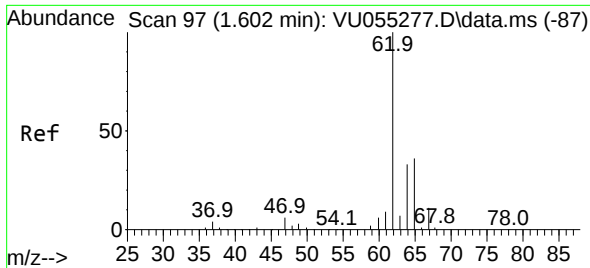
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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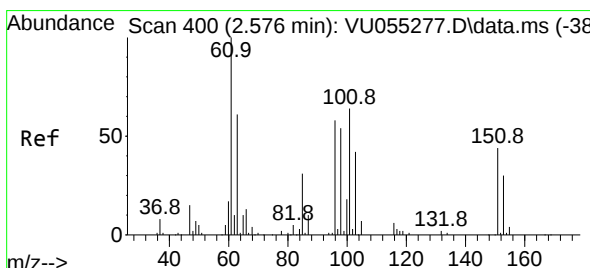
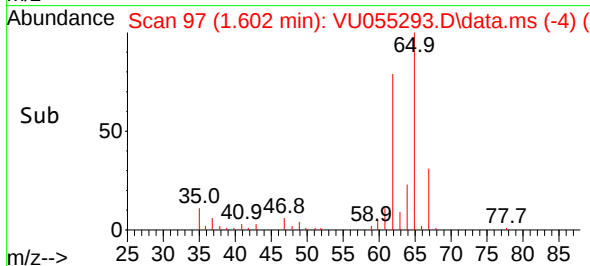
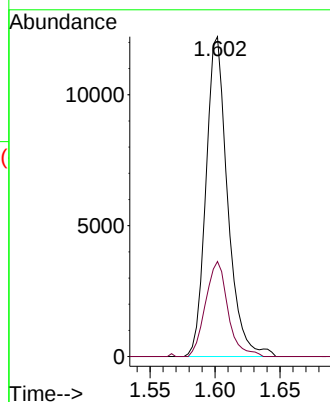
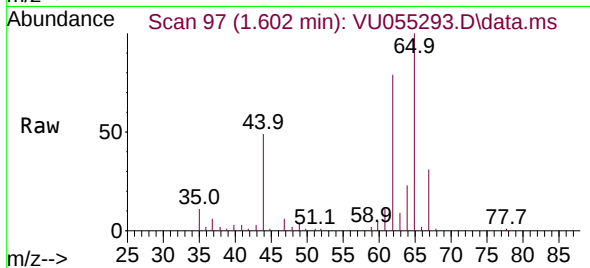




#5
 Vinyl chloride
 Concen: 1.252 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055293.D
 Acq: 13 Sep 2023 18:43

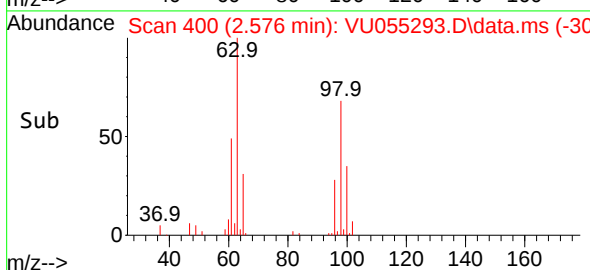
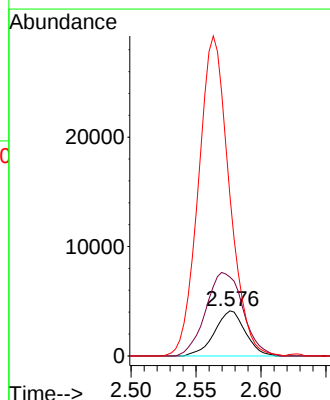
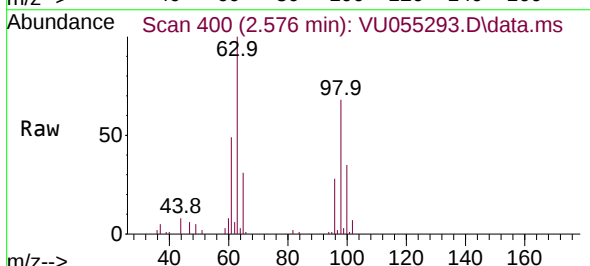
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N4DL

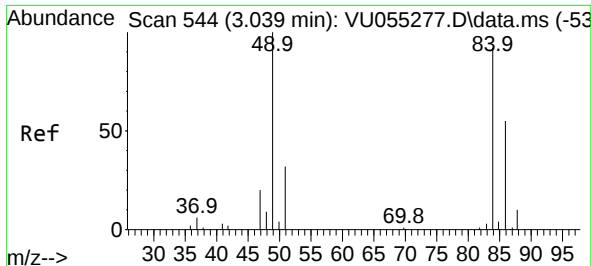
Tgt Ion: 62 Resp: 14181
 Ion Ratio Lower Upper
 62 100
 64 29.7 24.2 45.0



#12
 1,1-Dichloroethene
 Concen: 0.803 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055293.D
 Acq: 13 Sep 2023 18:43

Tgt Ion: 96 Resp: 6742
 Ion Ratio Lower Upper
 96 100
 61 162.1 120.8 224.4
 63 328.8 94.5 175.5#

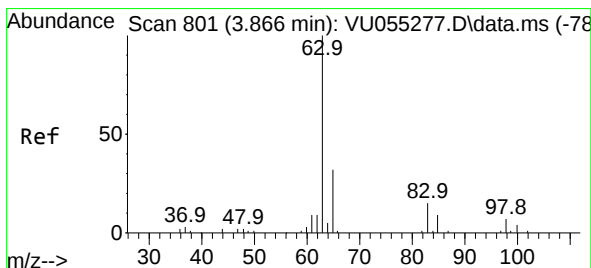
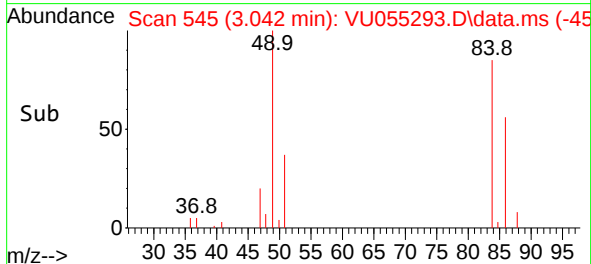
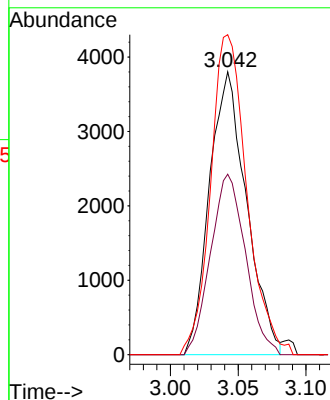
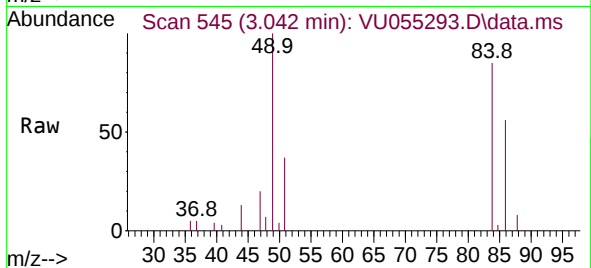




#16
Methylene chloride
Concen: 0.564 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055293.D
Acq: 13 Sep 2023 18:43

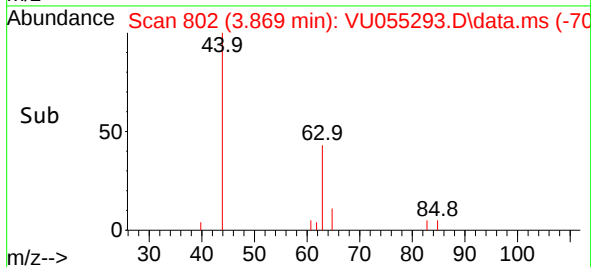
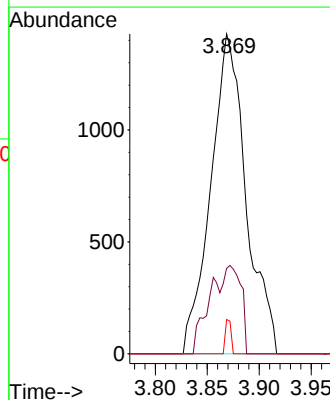
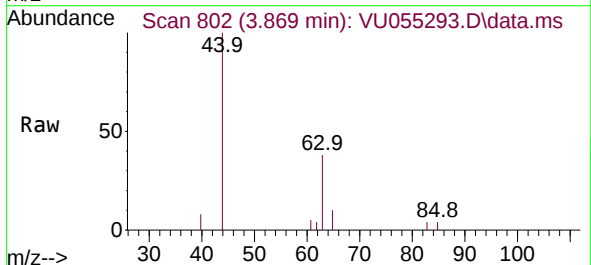
Instrument :
MSVOA_U
ClientSampleId :
BH4N4DL

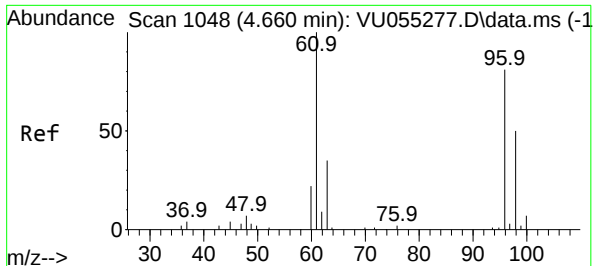
Tgt Ion:	84	Resp:	7232
Ion	Ratio	Lower	Upper
84	100		
86	63.8	43.4	80.6
49	113.2	87.7	162.9



#19
1,1-Dichloroethane
Concen: 0.183 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055293.D
Acq: 13 Sep 2023 18:43

Tgt Ion:	63	Resp:	3375
Ion	Ratio	Lower	Upper
63	100		
65	26.7	22.2	41.2
83	10.7	10.6	19.8





#22

cis-1,2-Dichloroethene

Concen: 8.708 ug/L

RT: 4.663 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU055293.D

Acq: 13 Sep 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

BH4N4DL

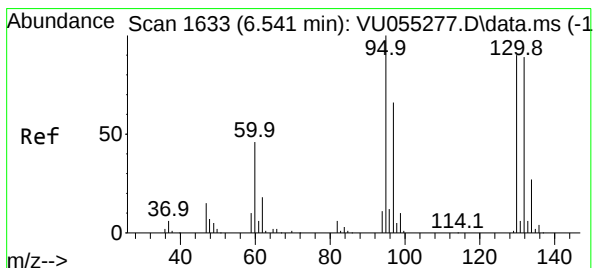
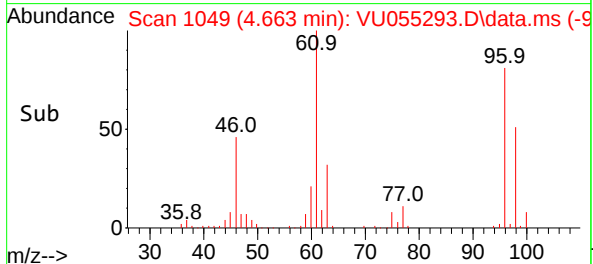
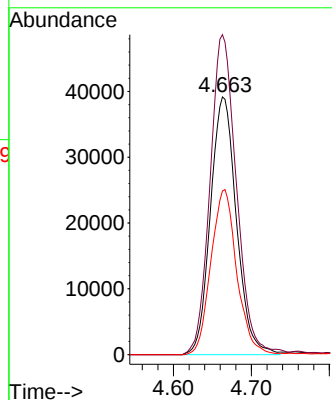
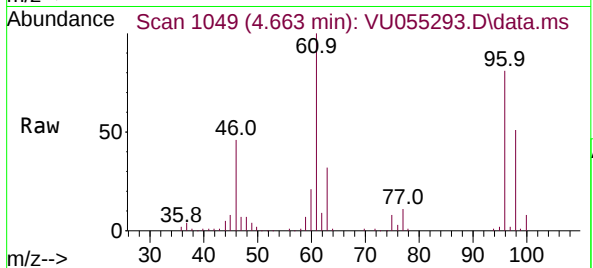
Tgt Ion: 96 Resp: 90764

Ion Ratio Lower Upper

96 100

61 124.2 97.2 180.4

98 63.5 46.1 85.7



#34

Trichloroethene

Concen: 8.011 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055293.D

Acq: 13 Sep 2023 18:43

Tgt Ion: 95 Resp: 91190

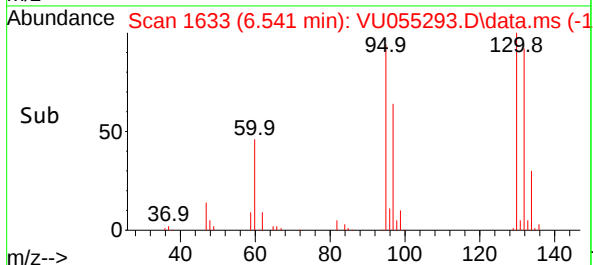
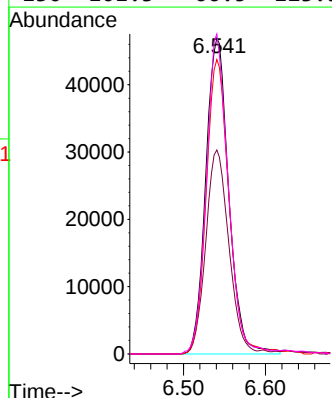
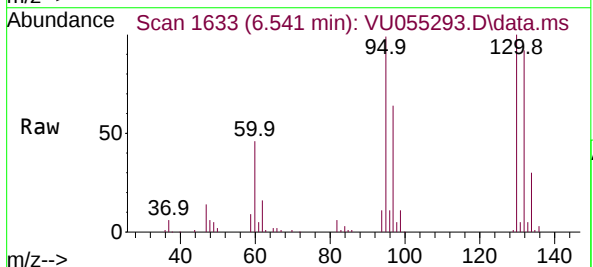
Ion Ratio Lower Upper

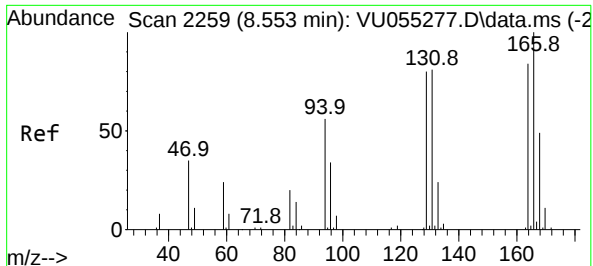
95 100

97 64.6 44.7 83.1

132 93.2 66.6 123.6

130 101.3 66.5 123.5





#47
 Tetrachloroethene
 Concen: 0.153 ug/L
 RT: 8.563 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VU055293.D
 Acq: 13 Sep 2023 18:43

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N4DL

Tgt Ion:164	Resp:	1206
Ion	Ratio	Lower Upper
164	100	
129	54.7	69.2 128.6#
131	75.6	68.8 127.8
166	71.7	92.3 171.5#

