

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055403.D
 Acq On : 19 Sep 2023 20:25
 Operator : MD/SY
 Sample : 04380-18DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N9DL

Quant Time: Sep 20 06:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 06:06:30 2023
 Response via : Initial Calibration

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

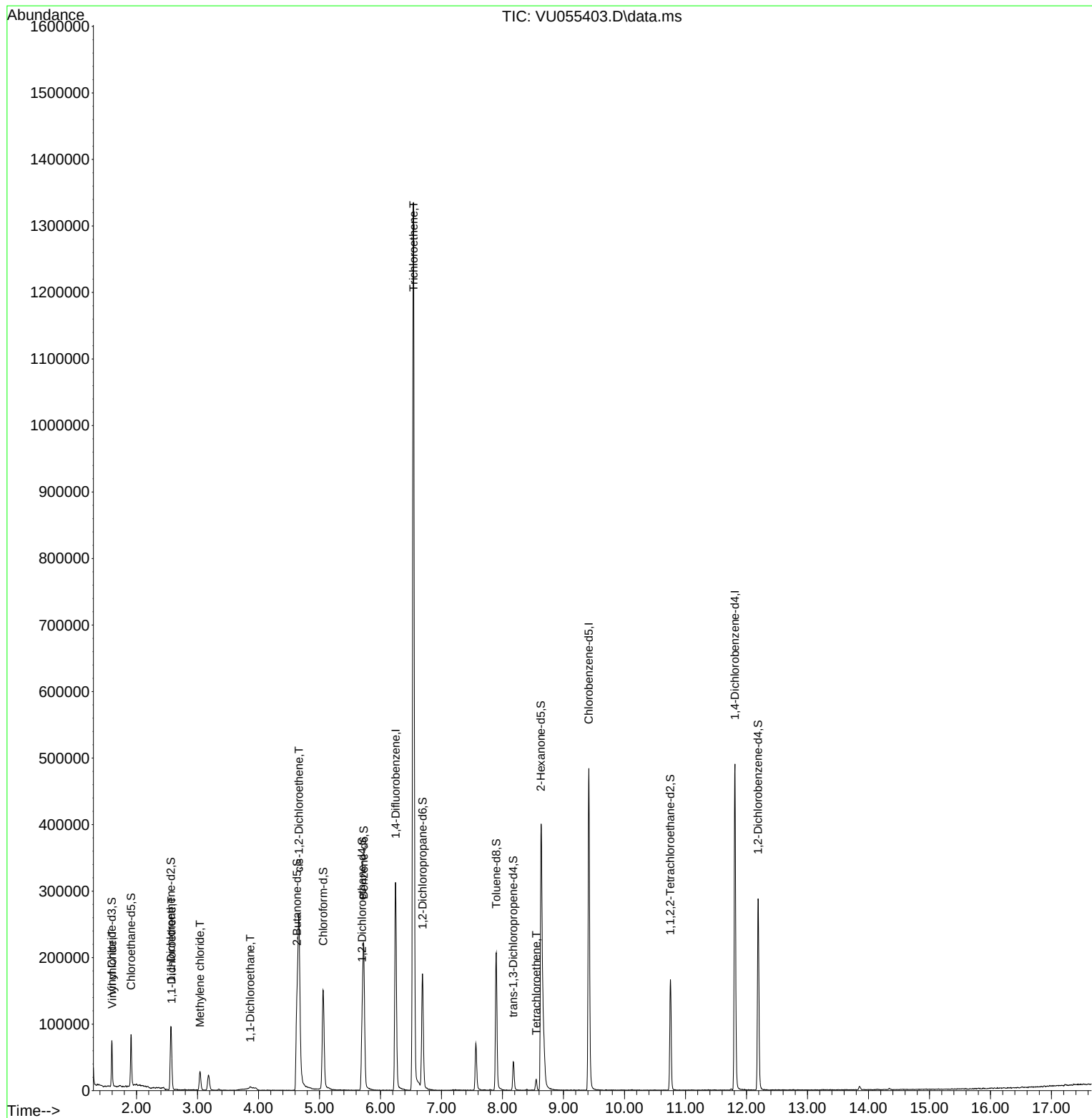
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	259051	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	269051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	129292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46594	1.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	35.600%#
7) Chloroethane-d5	1.911	69	53407	2.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	46.200%#
11) 1,1-Dichloroethene-d2	2.563	65	17297	1.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	32.200%#
20) 2-Butanone-d5	4.631	46	243961	51.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.180%
24) Chloroform-d	5.058	84	140253	2.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.200%#
26) 1,2-Dichloroethane-d4	5.698	65	78214	3.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
32) Benzene-d6	5.724	84	207516	2.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	44.200%#
36) 1,2-Dichloropropane-d6	6.689	67	84332	2.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	60.000%
41) Toluene-d8	7.898	98	142608	1.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	33.200%#
43) trans-1,3-Dichloroprop...	8.177	79	25365	2.571	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	51.400%#
46) 2-Hexanone-d5	8.631	63	125947	41.962	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84713	4.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	77070	2.953	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	59.000%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3059	0.128	ug/L	88
12) 1,1-Dichloroethene	2.576	96	5804	0.320	ug/L	# 1
16) Methylene chloride	3.039	84	13632	0.628	ug/L	99
19) 1,1-Dichloroethane	3.866	63	3195	0.095	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	109553	5.176	ug/L	99
34) Trichloroethene	6.541	95	464683	21.214	ug/L	98
47) Tetrachloroethene	8.553	164	3800	0.242	ug/L	92

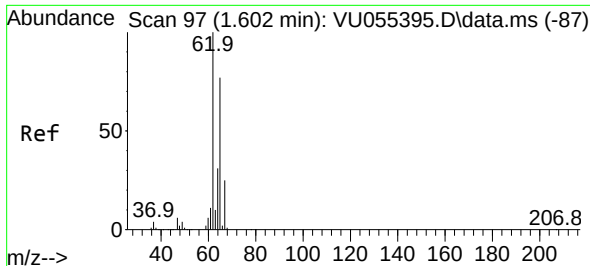
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 20 06:06:30 2023
Response via : Initial Calibration

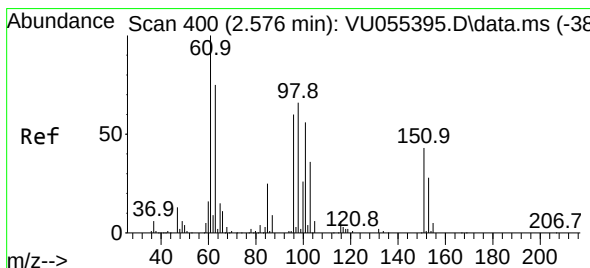
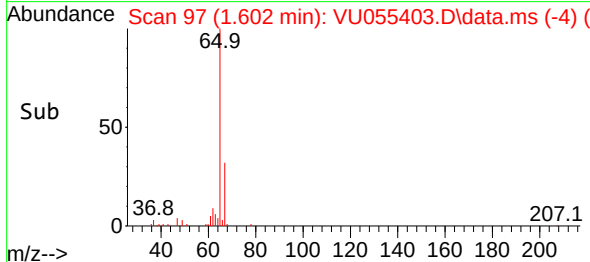
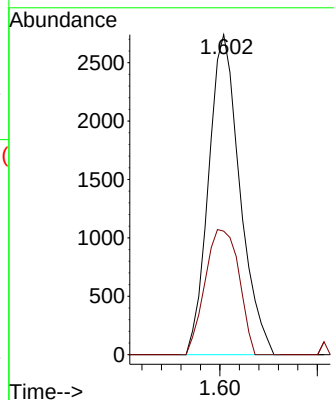
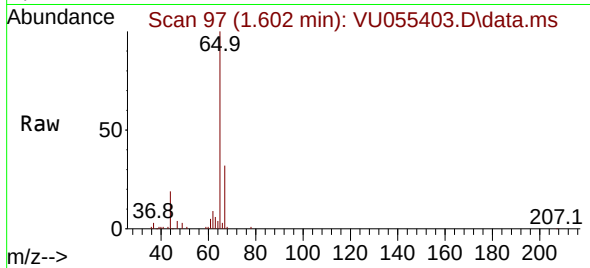




#5
 Vinyl chloride
 Concen: 0.128 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055403.D
 Acq: 19 Sep 2023 20:25

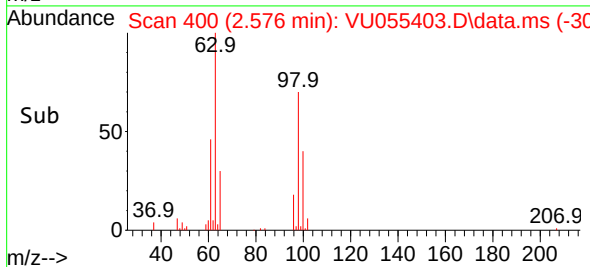
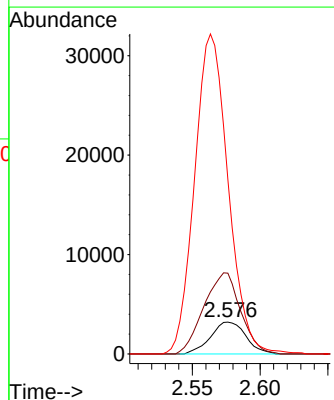
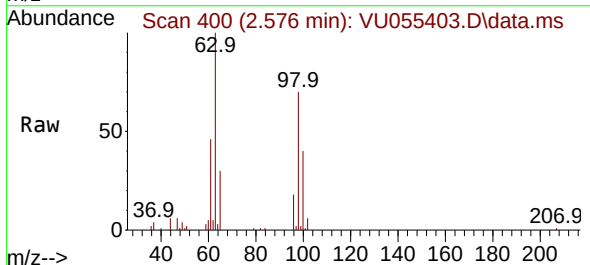
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N9DL

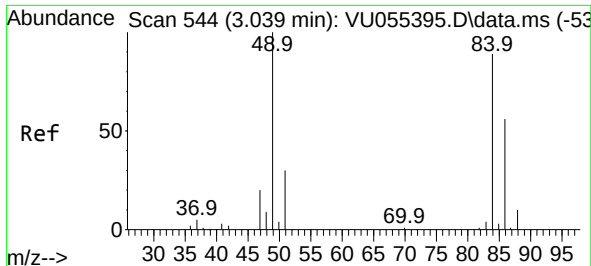
Tgt Ion: 62 Resp: 3059
 Ion Ratio Lower Upper
 62 100
 64 38.6 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.320 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055403.D
 Acq: 19 Sep 2023 20:25

Tgt Ion: 96 Resp: 5804
 Ion Ratio Lower Upper
 96 100
 61 253.4 114.5 212.7#
 63 547.3 98.3 182.5#

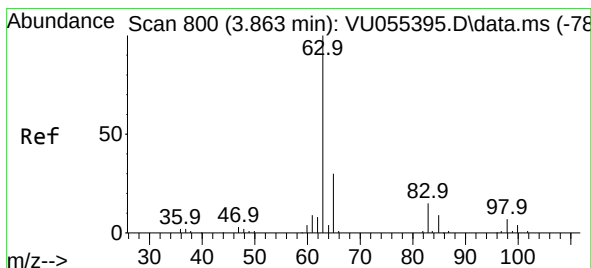
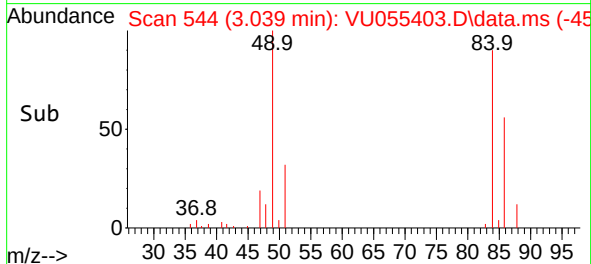
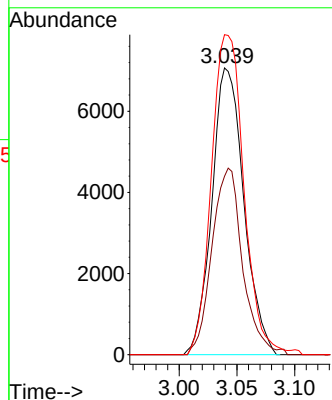
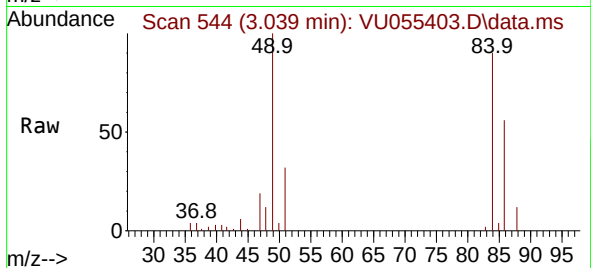




#16
Methylene chloride
Concen: 0.628 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055403.D
Acq: 19 Sep 2023 20:25

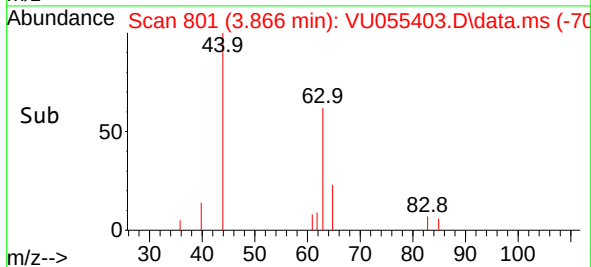
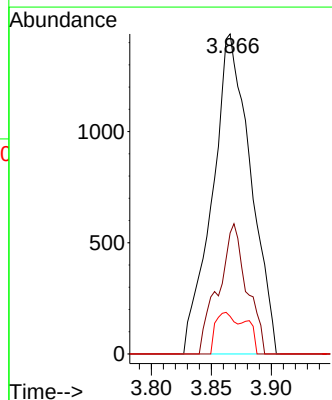
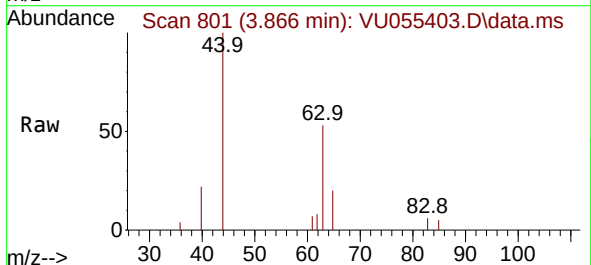
Instrument :
MSVOA_U
ClientSampleId :
BH4N9DL

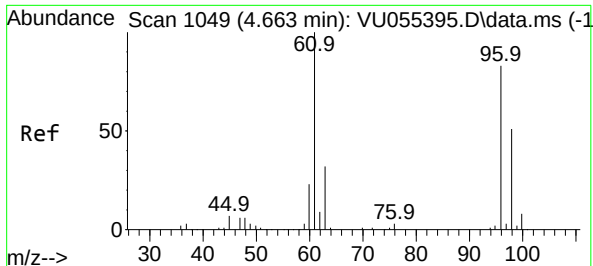
Tgt Ion: 84 Resp: 13632
Ion Ratio Lower Upper
84 100
86 62.2 44.9 83.3
49 111.6 78.8 146.3



#19
1,1-Dichloroethane
Concen: 0.095 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU055403.D
Acq: 19 Sep 2023 20:25

Tgt Ion: 63 Resp: 3195
Ion Ratio Lower Upper
63 100
65 37.8 22.0 41.0
83 11.7 10.1 18.9

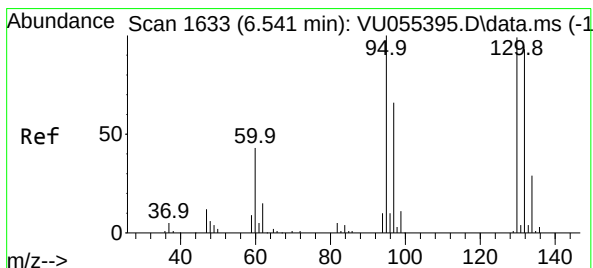
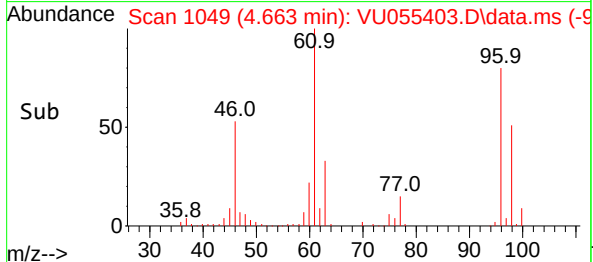
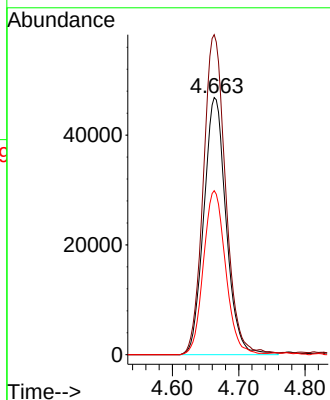
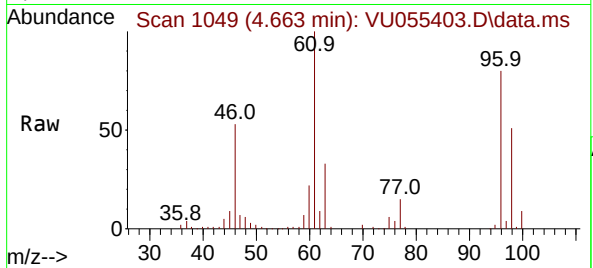




#22
 cis-1,2-Dichloroethene
 Concen: 5.176 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055403.D
 Acq: 19 Sep 2023 20:25

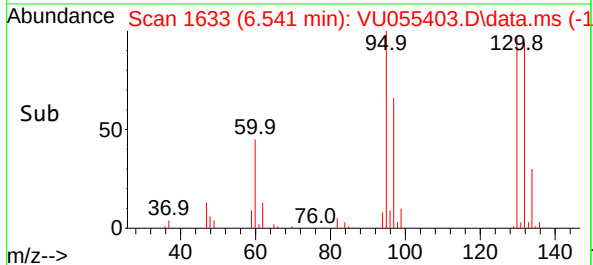
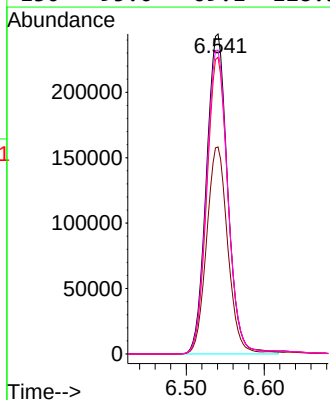
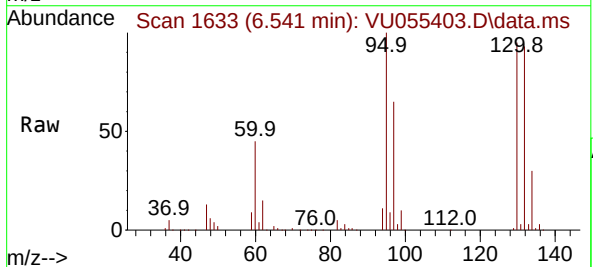
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N9DL

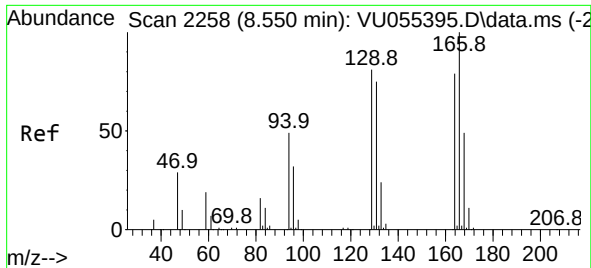
Tgt Ion: 96 Resp: 109553
 Ion Ratio Lower Upper
 96 100
 61 124.4 87.8 163.2
 98 63.7 44.4 82.4



#34
 Trichloroethene
 Concen: 21.214 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU055403.D
 Acq: 19 Sep 2023 20:25

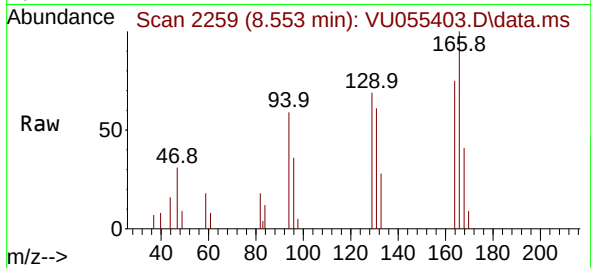
Tgt Ion: 95 Resp: 464683
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.4 84.2
 132 92.7 65.2 121.2
 130 95.0 69.1 128.3





#47
 Tetrachloroethene
 Concen: 0.242 ug/L
 RT: 8.553 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU055403.D
 Acq: 19 Sep 2023 20:25

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N9DL



Tgt Ion:	164	Resp:	3800
Ion	Ratio	Lower	Upper
164	100		
129	91.4	67.4	125.2
131	80.5	66.4	123.2
166	132.9	88.8	165.0

