

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU049988.D
 Acq On : 28 Jul 2022 16:22
 Operator : SY/MD
 Sample : N3873-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ28DL

Quant Time: Jul 29 02:37:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

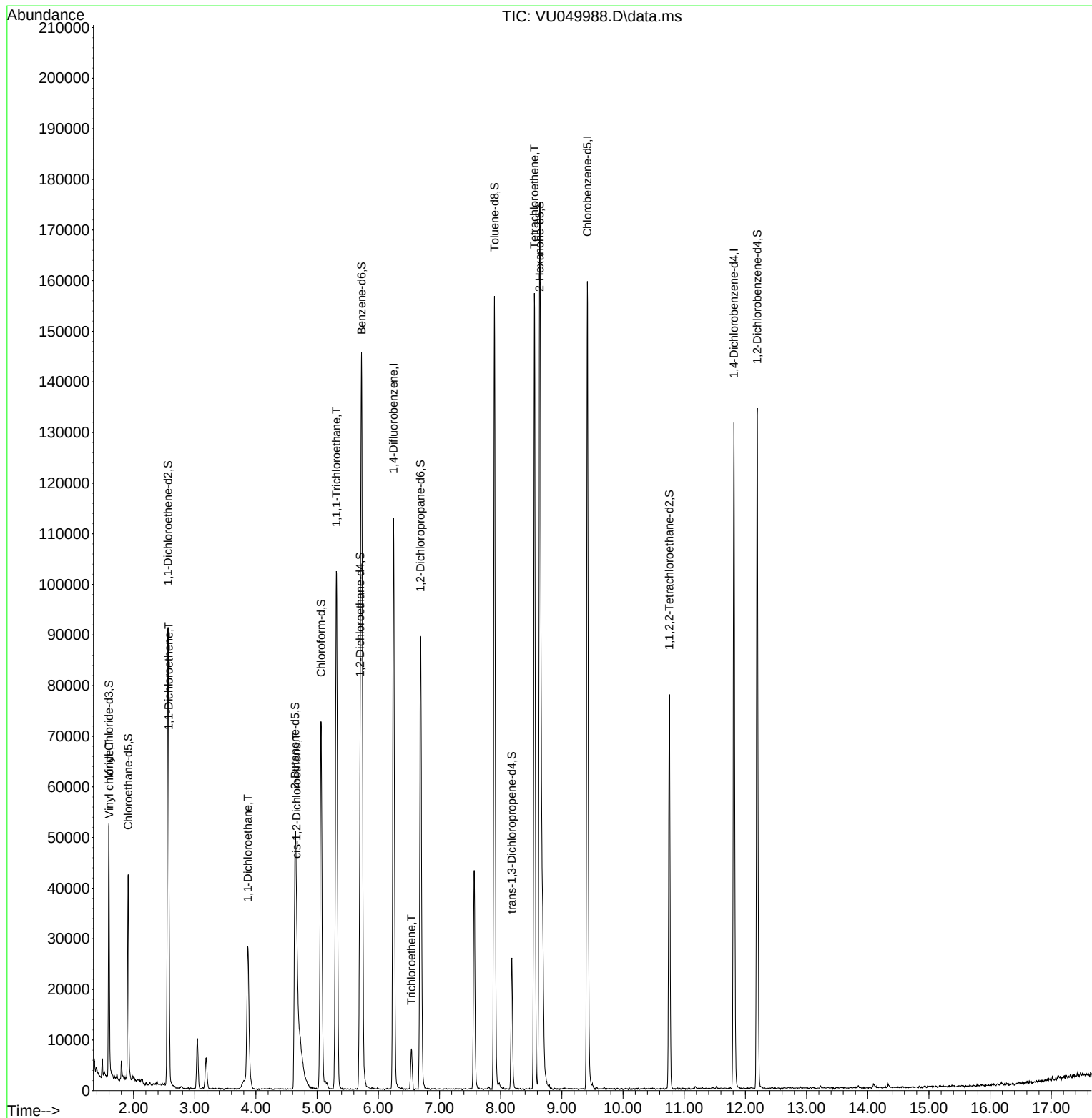
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93987	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	92891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35922	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36239	4.491	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.912	69	29433	5.078	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.600%	
11) 1,1-Dichloroethene-d2	2.562	65	13780	4.955	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.000%	
20) 2-Butanone-d5	4.642	46	106956	59.540	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.080%	
24) Chloroform-d	5.063	84	68793	5.152	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.703	65	36405	5.410	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	5.729	84	137998	5.027	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
36) 1,2-Dichloropropane-d6	6.690	67	47332	5.263	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.899	98	110663	4.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.182	79	16295	5.170	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.400%	
46) 2-Hexanone-d5	8.639	63	60076	50.920	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.840%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41218	5.455	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37151	5.576	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	1357	0.168	ug/L #	50
12) 1,1-Dichloroethene	2.575	96	10371	1.999	ug/L #	46
19) 1,1-Dichloroethane	3.867	63	31333	2.679	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	1500	0.220	ug/L	76
29) 1,1,1-Trichloroethane	5.314	97	77516	7.859	ug/L	98
34) Trichloroethene	6.539	95	2733	0.415	ug/L	85
47) Tetrachloroethene	8.552	164	35556	7.497	ug/L	94

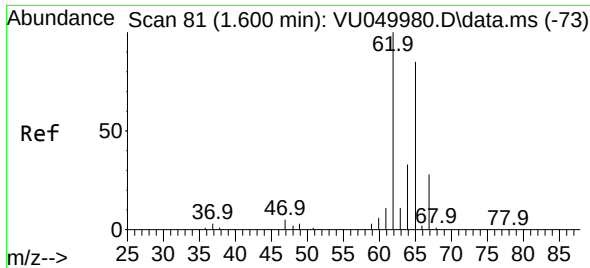
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 02:27:55 2022
Response via : Initial Calibration

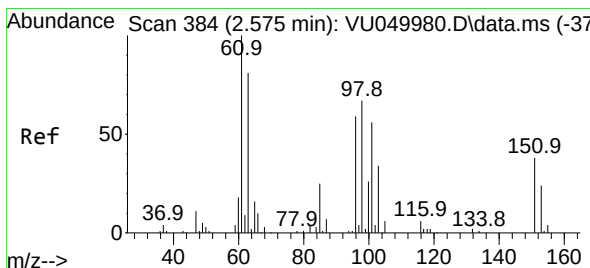
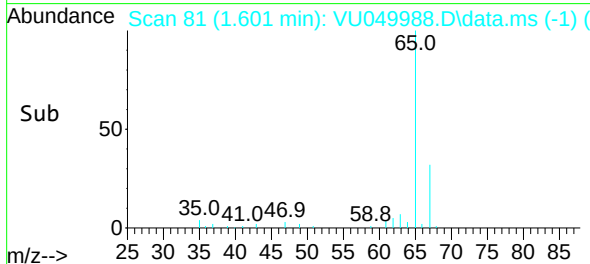
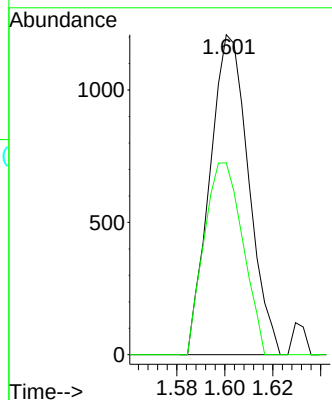
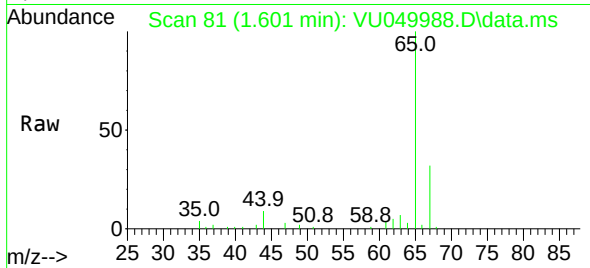




#5
 Vinyl chloride
 Concen: 0.168 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049988.D
 Acq: 28 Jul 2022 16:22

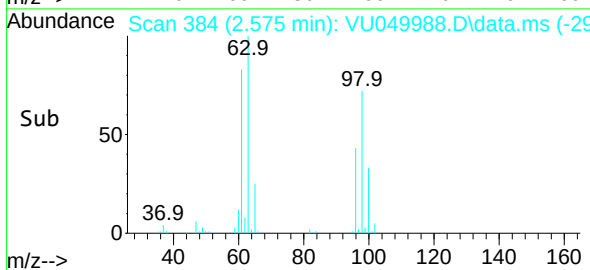
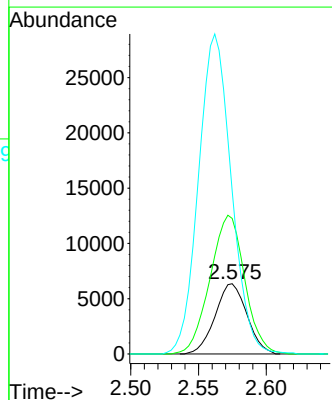
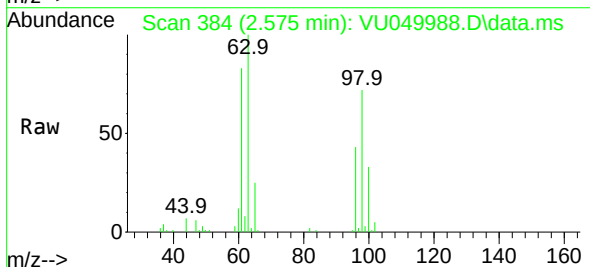
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ28DL

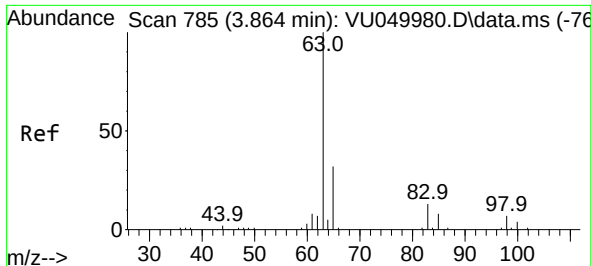
Tgt Ion: 62 Resp: 1357
 Ion Ratio Lower Upper
 62 100
 64 60.0 22.5 41.9#



#12
 1,1-Dichloroethene
 Concen: 1.999 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU049988.D
 Acq: 28 Jul 2022 16:22

Tgt Ion: 96 Resp: 10371
 Ion Ratio Lower Upper
 96 100
 61 192.9 115.7 214.9
 63 231.9 84.8 157.4#





#19

1,1-Dichloroethane

Concen: 2.679 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU049988.D

Acq: 28 Jul 2022 16:22

Instrument :

MSVOA_U

ClientSampleId :

GBJ28DL

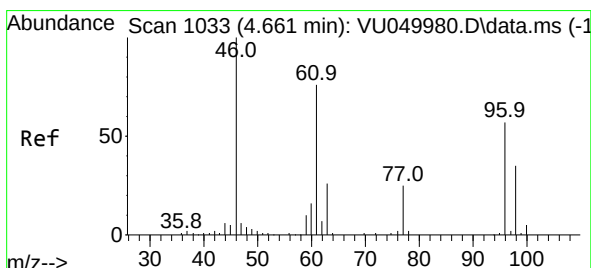
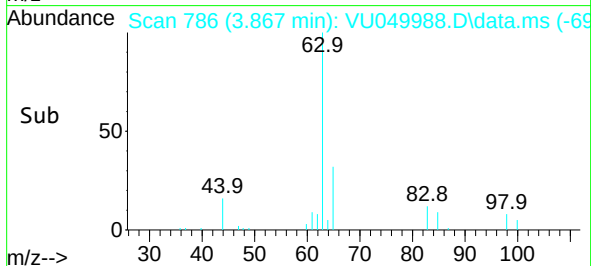
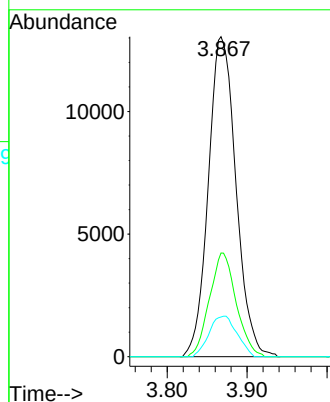
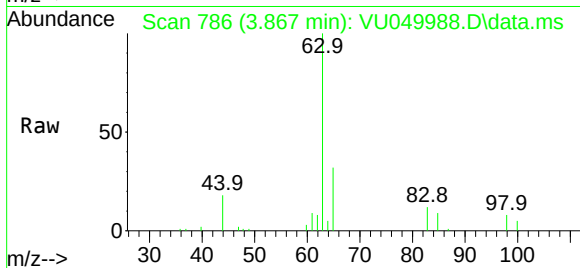
Tgt Ion: 63 Resp: 31333

Ion Ratio Lower Upper

63 100

65 32.4 23.4 43.6

83 12.4 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 0.220 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU049988.D

Acq: 28 Jul 2022 16:22

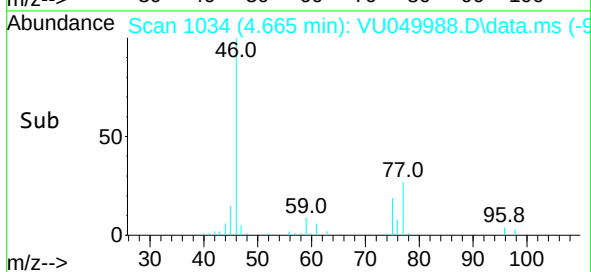
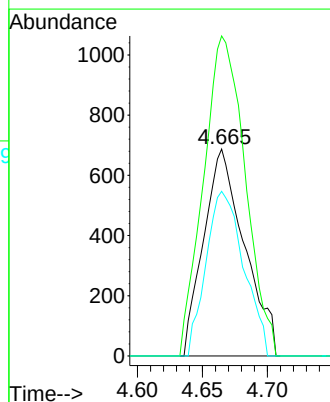
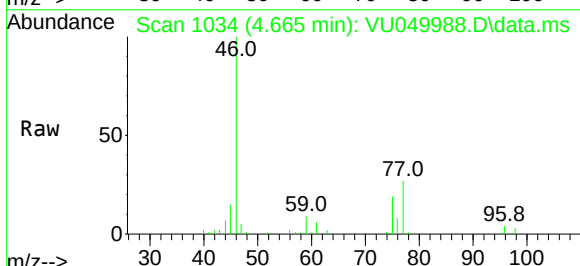
Tgt Ion: 96 Resp: 1500

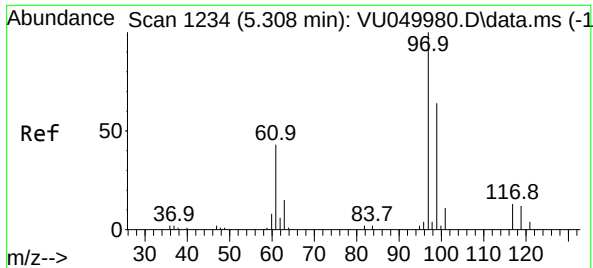
Ion Ratio Lower Upper

96 100

61 154.7 87.2 161.9

98 79.6 44.7 83.1

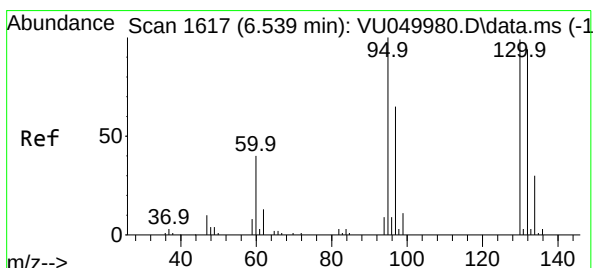
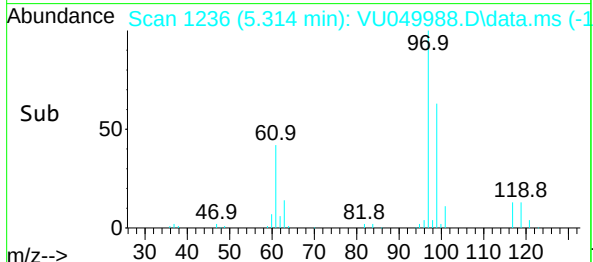
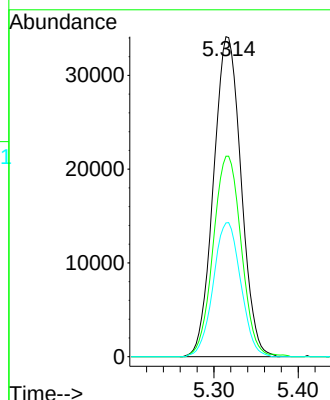
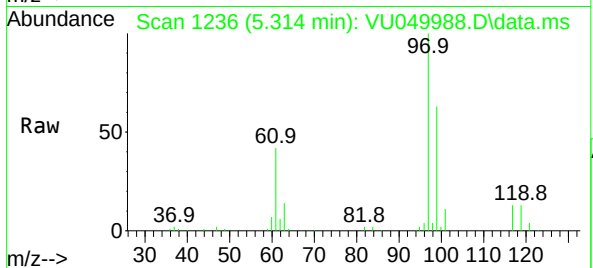




#29
1,1,1-Trichloroethane
Concen: 7.859 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU049988.D
Acq: 28 Jul 2022 16:22

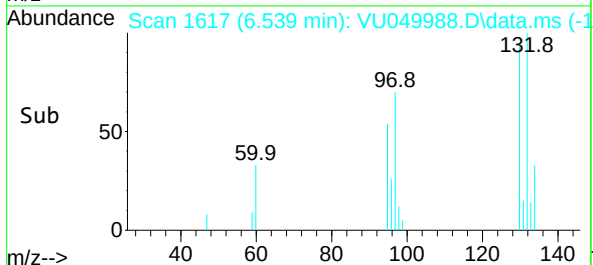
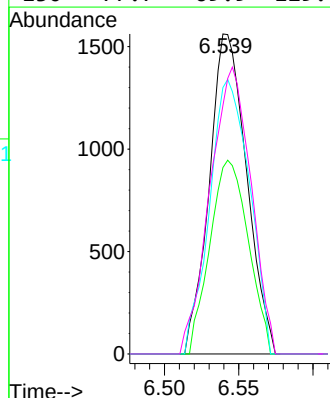
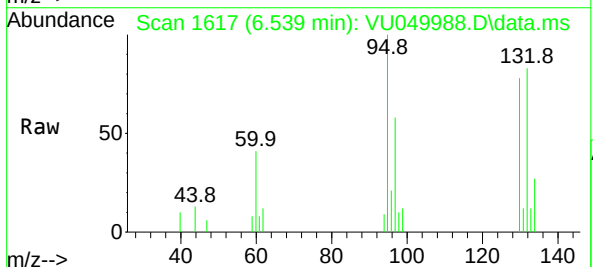
Instrument :
MSVOA_U
ClientSampleId :
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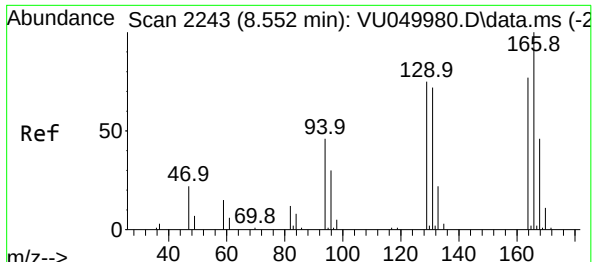
Tgt Ion: 97	Resp: 77516
Ion Ratio	Lower Upper
97 100	
99 64.0	52.0 78.0
61 41.8	35.0 52.6



#34
Trichloroethene
Concen: 0.415 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU049988.D
Acq: 28 Jul 2022 16:22

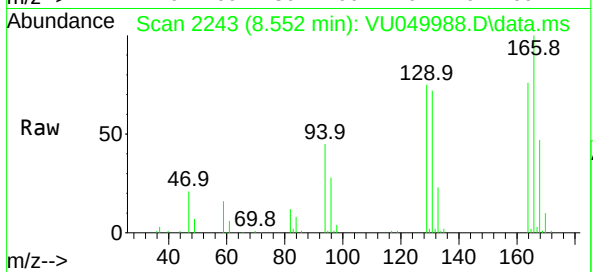
Tgt Ion: 95	Resp: 2733
Ion Ratio	Lower Upper
95 100	
97 58.3	45.6 84.8
132 83.2	66.8 124.2
130 77.7	69.9 129.7





#47
 Tetrachloroethene
 Concen: 7.497 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU049988.D
 Acq: 28 Jul 2022 16:22

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ28DL



Tgt Ion:	164	Resp:	35556
Ion	Ratio	Lower	Upper
164	100		
129	98.6	66.3	123.1
131	94.6	63.1	117.1
166	130.7	84.6	157.0

