

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049027.D
 Acq On : 11 Jun 2022 03:39
 Operator : SY/MD
 Sample : N3249-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT3

Quant Time: Jun 11 07:55:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
 Response via : Initial Calibration

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

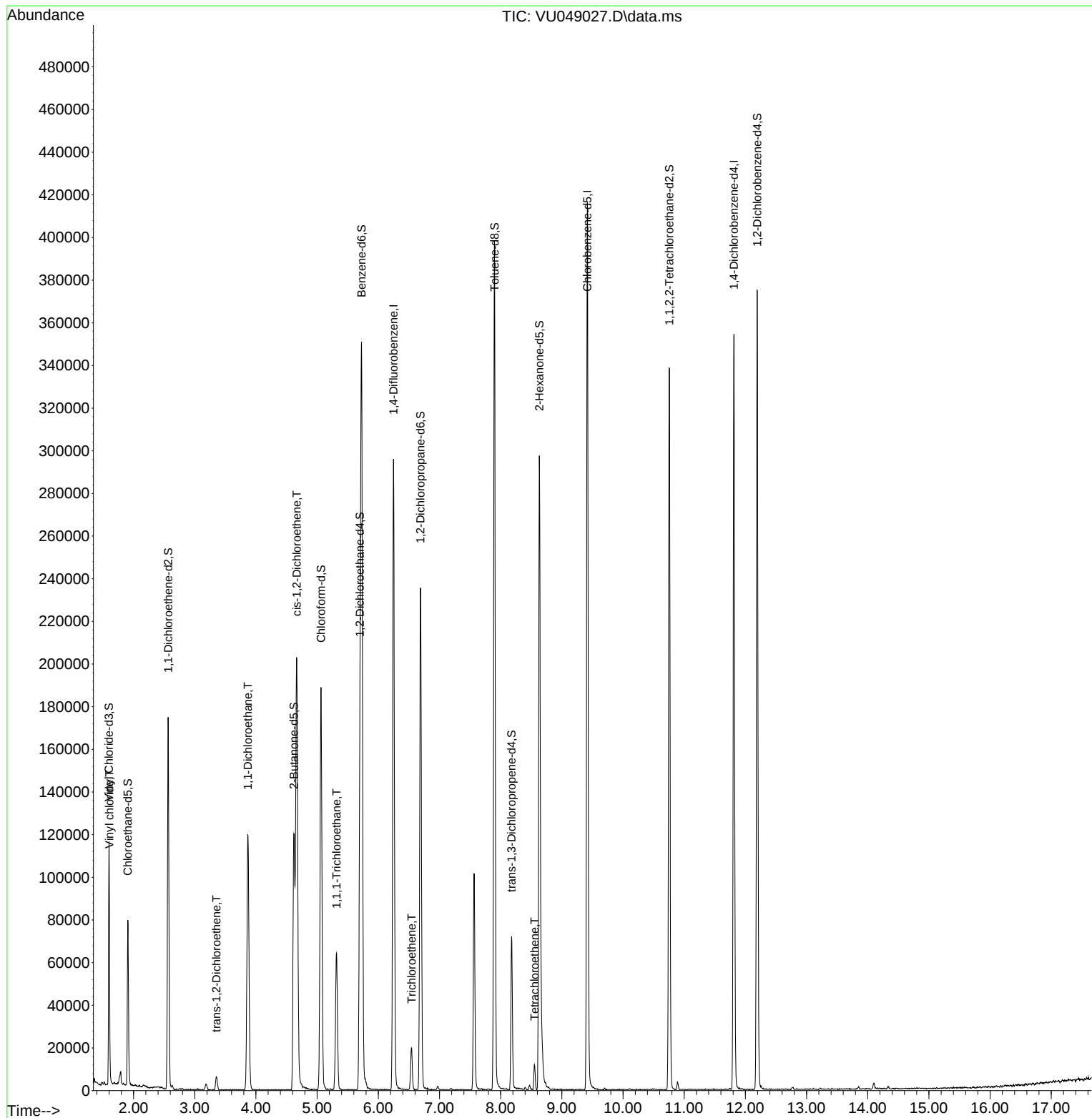
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	238237	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95985	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72664	49.510	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.020%	
7) Chloroethane-d5	1.906	69	55839	51.818	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	103.640%	
11) 1,1-Dichloroethene-d2	2.565	63	103137	37.242	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.480%	
21) 2-Butanone-d5	4.620	46	170317	105.845	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.840%	
24) Chloroform-d	5.063	84	175520	56.061	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	112.120%	
26) 1,2-Dichloroethane-d4	5.700	65	119720	59.022	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	118.040%	
32) Benzene-d6	5.726	84	324323	55.309	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	110.620%	
36) 1,2-Dichloropropane-d6	6.690	67	111368	56.495	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	113.000%	
41) Toluene-d8	7.899	98	264237	51.095	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...	8.179	79	41827	45.102	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.200%	
47) 2-Hexanone-d5	8.632	63	90123	87.352	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.350%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	170174	51.686	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.380%	
66) 1,2-Dichlorobenzene-d4	12.195	152	101845	60.982	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	121.960%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	10847	5.163	ug/L	# 83
17) trans-1,2-Dichloroethene	3.353	96	2852	1.766	ug/L	95
19) 1,1-Dichloroethane	3.867	63	138960	39.931	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	102655	52.235	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	46799	14.191	ug/L	97
34) Trichloroethene	6.546	95	6638	3.437	ug/L	95
46) Tetrachloroethene	8.555	164	2596	1.734	ug/L	92

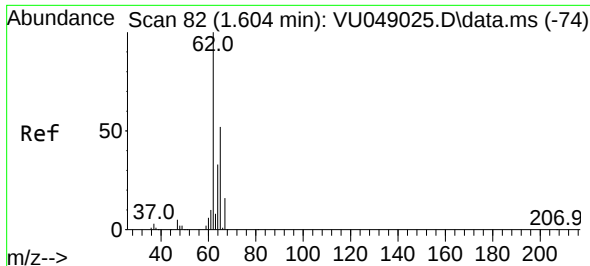
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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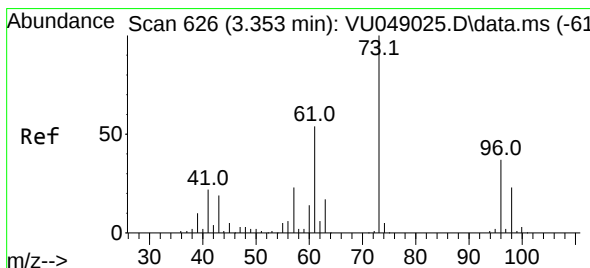
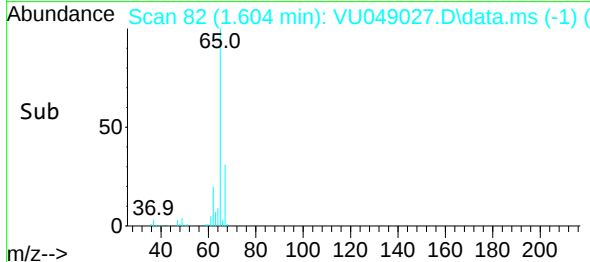
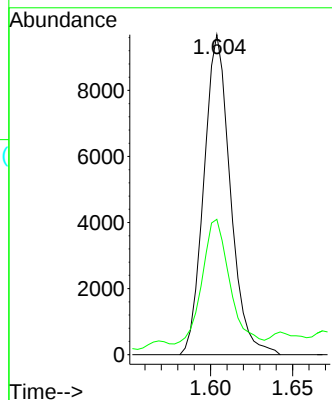
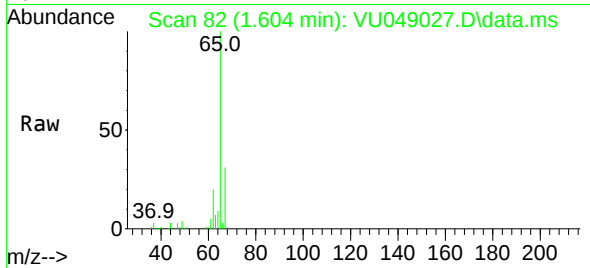




#5
 Vinyl chloride
 Concen: 5.163 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049027.D
 Acq: 11 Jun 2022 03:39

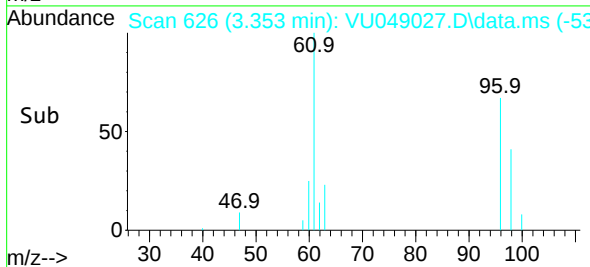
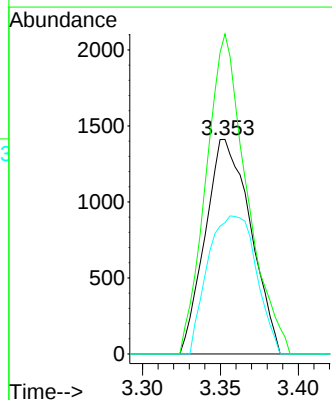
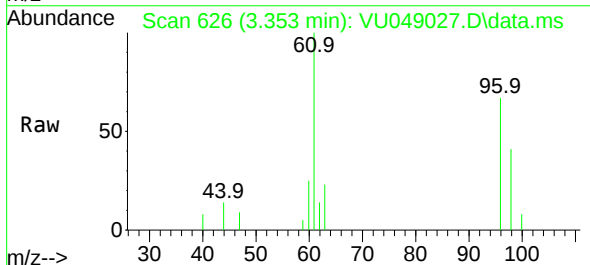
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT3

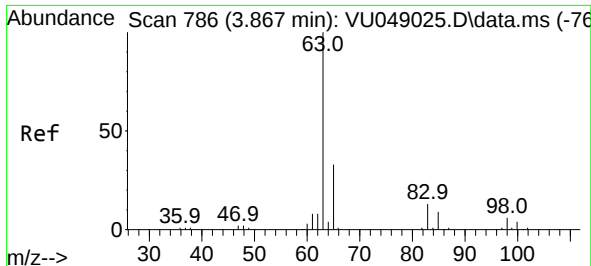
Tgt Ion: 62 Resp: 10847
 Ion Ratio Lower Upper
 62 100
 64 42.3 22.7 42.3#



#17
 trans-1,2-Dichloroethene
 Concen: 1.766 ug/L
 RT: 3.353 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VU049027.D
 Acq: 11 Jun 2022 03:39

Tgt Ion: 96 Resp: 2852
 Ion Ratio Lower Upper
 96 100
 61 149.2 99.3 184.3
 98 61.2 44.7 83.1





#19

1,1-Dichloroethane

Concen: 39.931 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU049027.D

Acq: 11 Jun 2022 03:39

Instrument :

MSVOA_U

ClientSampleId :

EXYT3

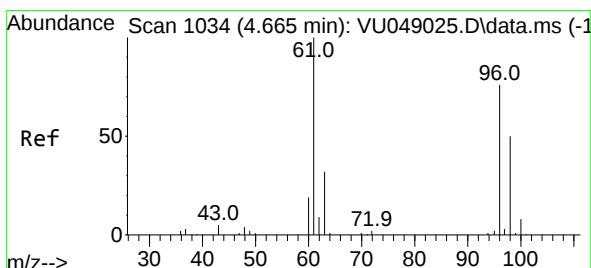
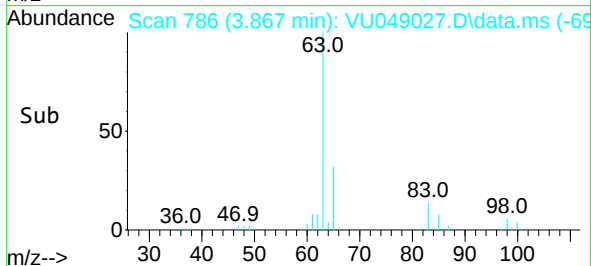
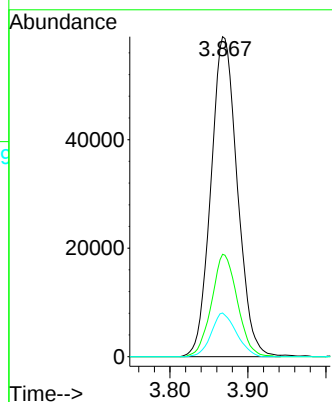
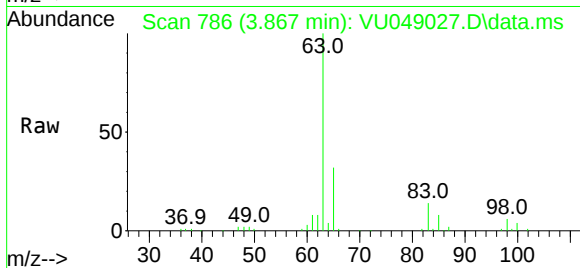
Tgt Ion: 63 Resp: 138960

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.235 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049027.D

Acq: 11 Jun 2022 03:39

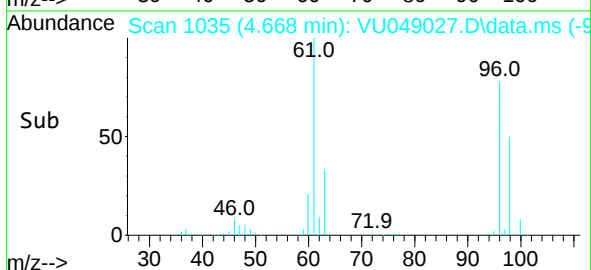
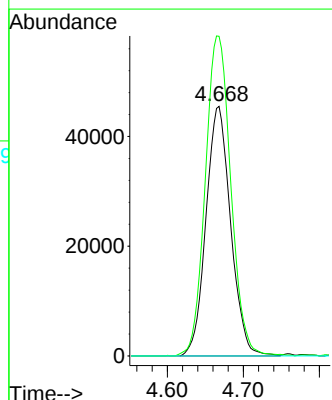
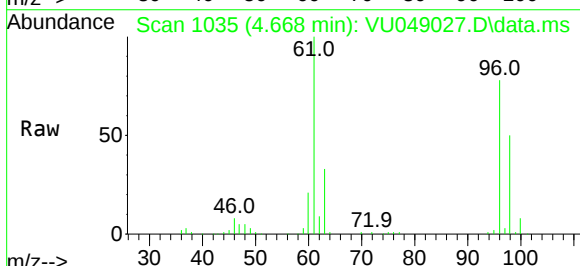
Tgt Ion: 96 Resp: 102655

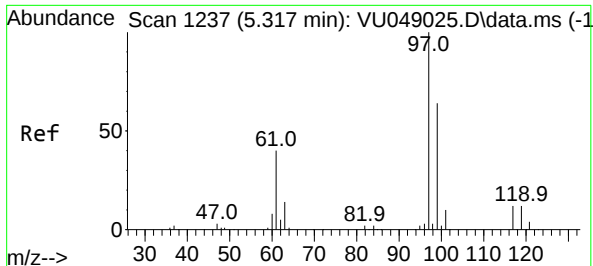
Ion Ratio Lower Upper

96 100

61 128.1 91.6 170.2

68 0.0 0.0 0.0

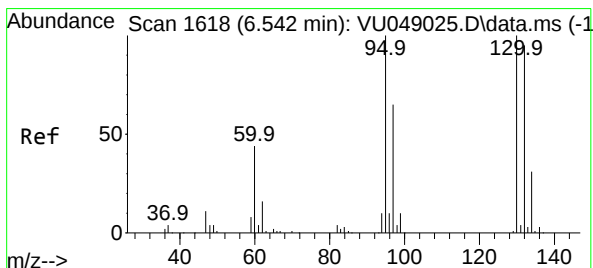
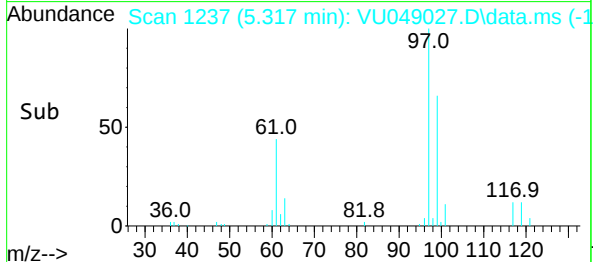
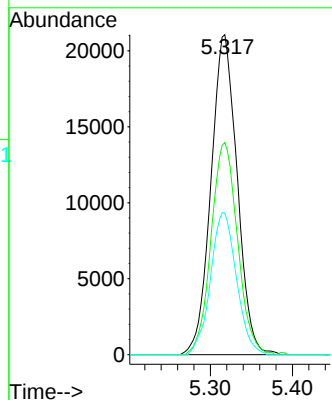
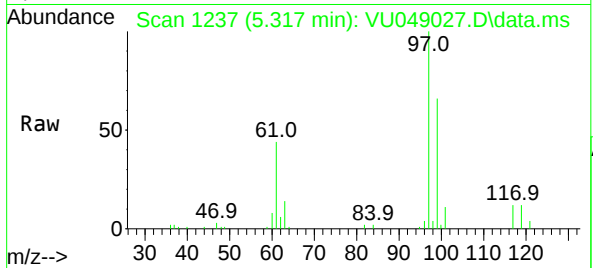




#30
1,1,1-Trichloroethane
Concen: 14.191 ug/L
RT: 5.317 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049027.D
Acq: 11 Jun 2022 03:39

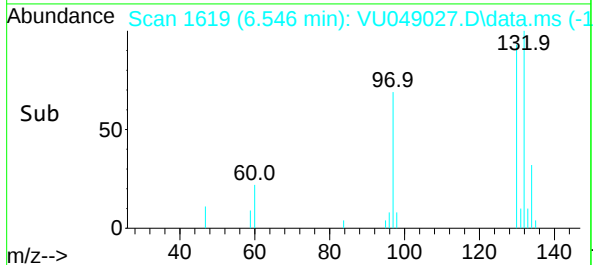
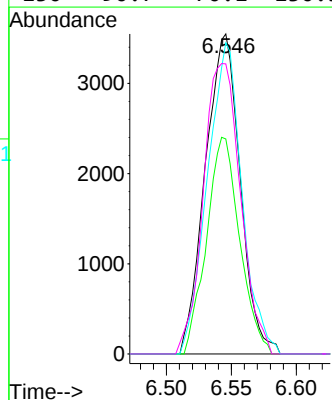
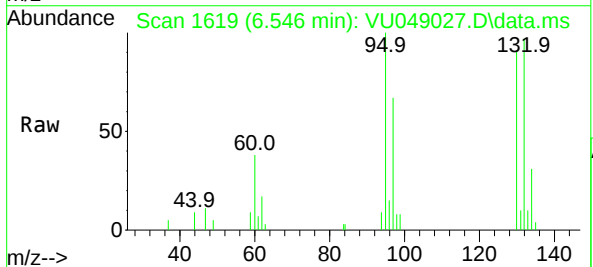
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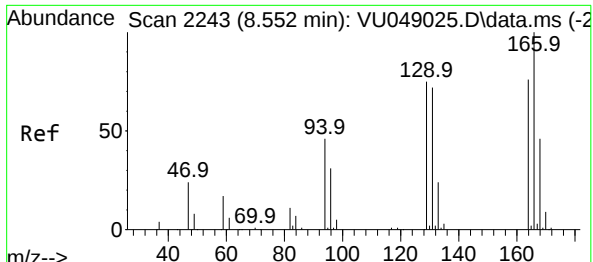
Tgt Ion: 97 Resp: 46799
Ion Ratio Lower Upper
97 100
99 66.8 50.9 76.3
61 44.0 34.2 51.2



#34
Trichloroethene
Concen: 3.437 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU049027.D
Acq: 11 Jun 2022 03:39

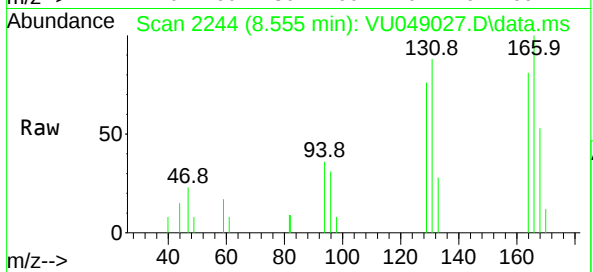
Tgt Ion: 95 Resp: 6638
Ion Ratio Lower Upper
95 100
97 67.2 45.4 84.4
132 97.3 67.6 125.6
130 90.7 70.1 130.3





#46
 Tetrachloroethene
 Concen: 1.734 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU049027.D
 Acq: 11 Jun 2022 03:39

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT3



Tgt Ion:164 Resp: 2596

Ion	Ratio	Lower	Upper
164	100		
129	93.2	70.9	131.7
131	108.6	66.2	123.0
166	123.4	88.1	163.5

