

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050953.D
 Acq On : 27 Sep 2022 13:47
 Operator : JC/MD
 Sample : N4854-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J01

Quant Time: Sep 28 02:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

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

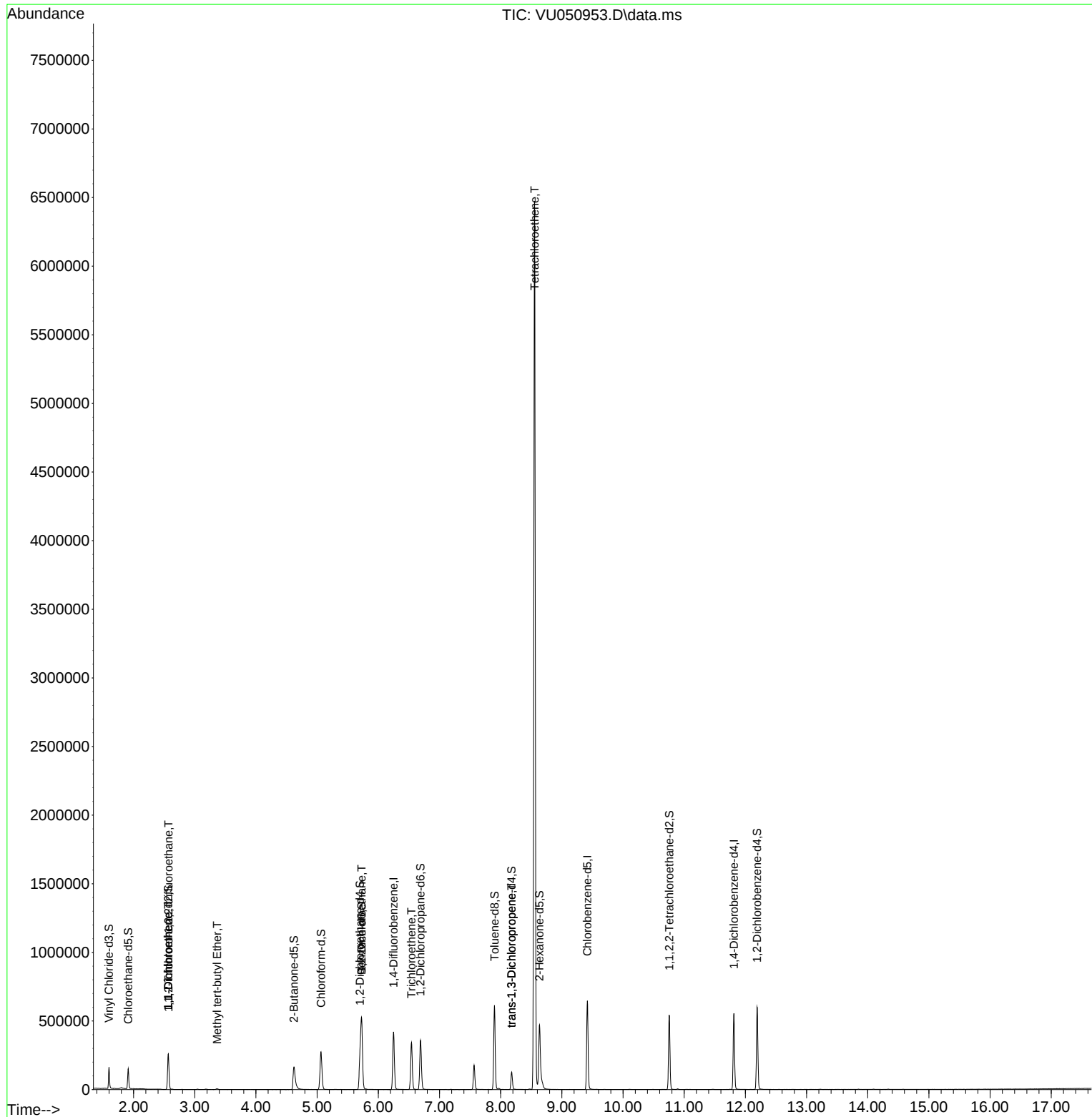
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	332248	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	145523	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	111617	32.425	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	64.860%	
7) Chloroethane-d5	1.913	69	105023	42.839	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.680%	
11) 1,1-Dichloroethene-d2	2.565	63	151658	28.314	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	56.620%#	
21) 2-Butanone-d5	4.620	46	236859	106.580	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	106.580%	
24) Chloroform-d	5.064	84	260307	48.254	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.500%	
26) 1,2-Dichloroethane-d4	5.700	65	172655	51.934	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.860%	
32) Benzene-d6	5.729	84	485723	41.690	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.380%	
36) 1,2-Dichloropropane-d6	6.690	67	178002	45.263	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	90.520%	
41) Toluene-d8	7.899	98	401965	39.470	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	78.940%#	
43) trans-1,3-Dichloroprop...	8.179	79	71339	41.699	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.400%	
47) 2-Hexanone-d5	8.633	63	145167	89.573	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.570%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	276157	46.059	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.120%	
66) 1,2-Dichlorobenzene-d4	12.192	152	156406	51.333	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.660%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1485	0.546	ug/L #	27
12) 1,1-Dichloroethene	2.568	96	1371	0.537	ug/L #	1
18) Methyl tert-butyl Ether	3.366	73	5846	0.732	ug/L #	77
27) 1,2-Dichloroethane	5.726	62	2875	0.718	ug/L	99
34) Trichloroethene	6.543	95	116030	38.373	ug/L	95
44) trans-1,3-Dichloropropene	8.179	75	3198	0.705	ug/L	89
46) Tetrachloroethene	8.555	164	1392359	640.774	ug/L	99

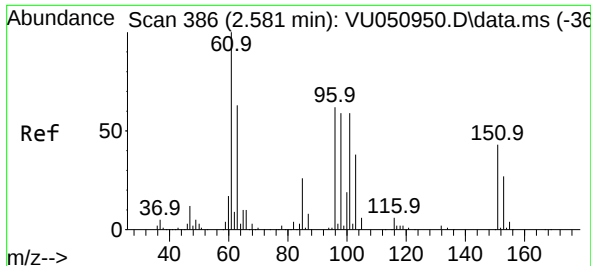
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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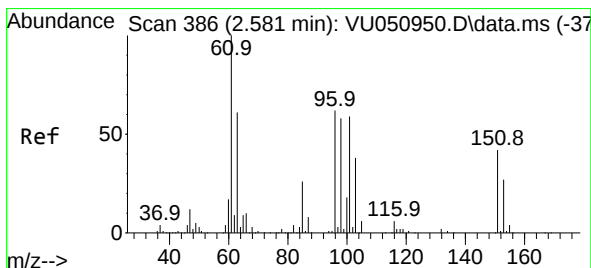
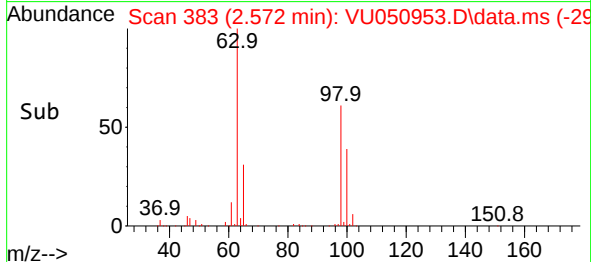
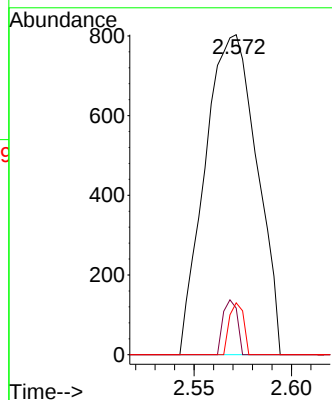
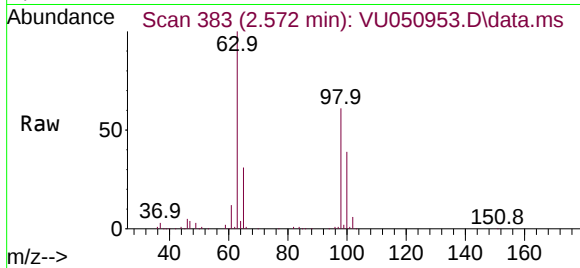




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.546 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU050953.D
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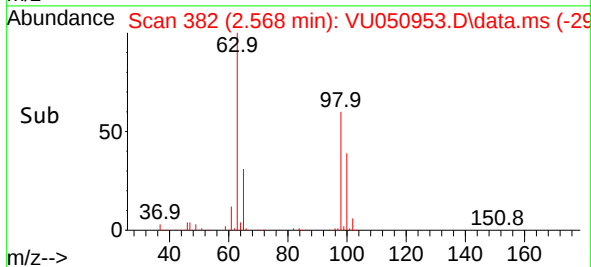
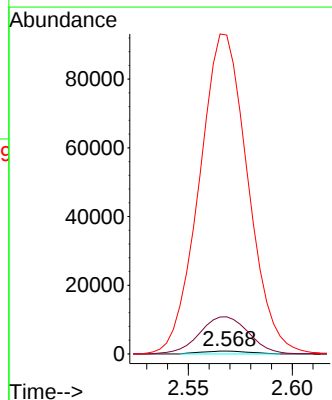
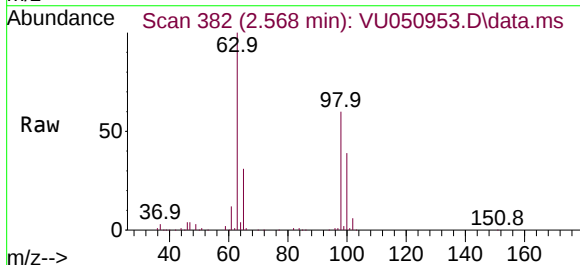
Instrument :
MSVOA_U
ClientSampleId :
F5J01

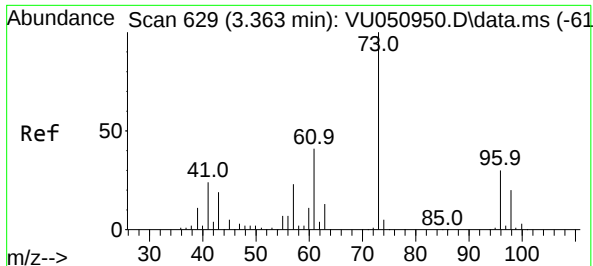
Tgt Ion:101 Resp: 1485
Ion Ratio Lower Upper
101 100
85 4.7 35.1 52.7#
151 4.4 56.6 84.8#



#12
1,1-Dichloroethene
Concen: 0.537 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU050953.D
Acq: 27 Sep 2022 13:47

Tgt Ion: 96 Resp: 1371
Ion Ratio Lower Upper
96 100
61 1270.6 118.6 220.2#
63 10910.5 90.4 168.0#

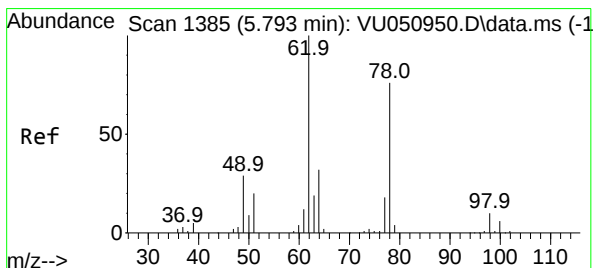
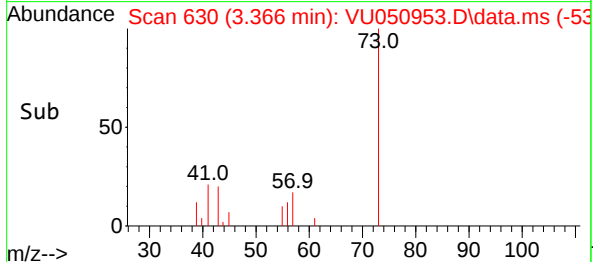
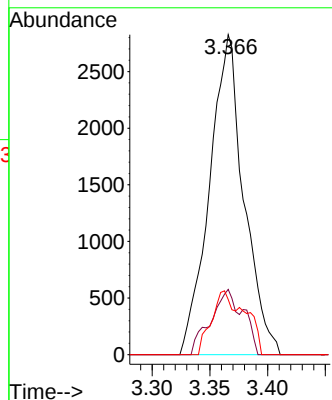
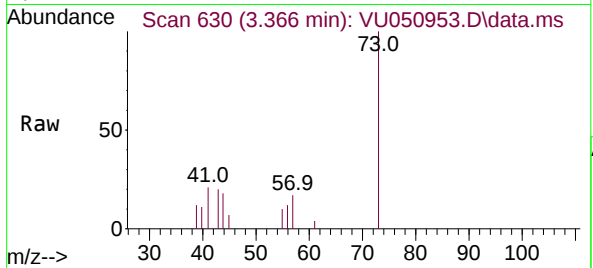




#18
Methyl tert-butyl Ether
Concen: 0.732 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050953.D
Acq: 27 Sep 2022 13:47

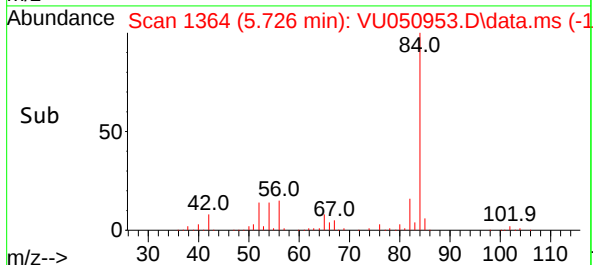
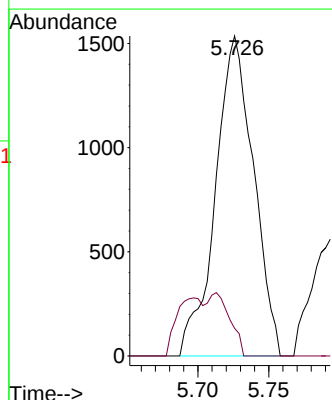
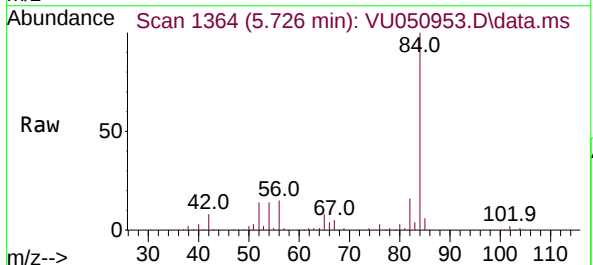
Instrument :
MSVOA_U
ClientSampleId :
F5J01

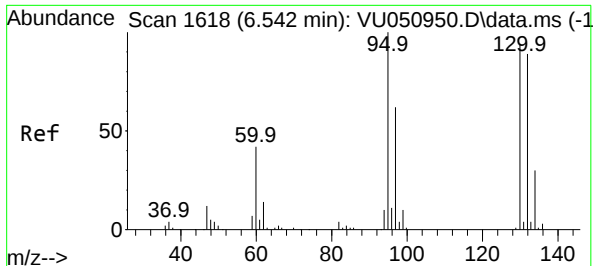
Tgt Ion: 73 Resp: 5846
Ion Ratio Lower Upper
73 100
43 7.4 14.4 21.6#
57 12.5 18.6 27.8#



#27
1,2-Dichloroethane
Concen: 0.718 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.067 min
Lab File: VU050953.D
Acq: 27 Sep 2022 13:47

Tgt Ion: 62 Resp: 2875
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0

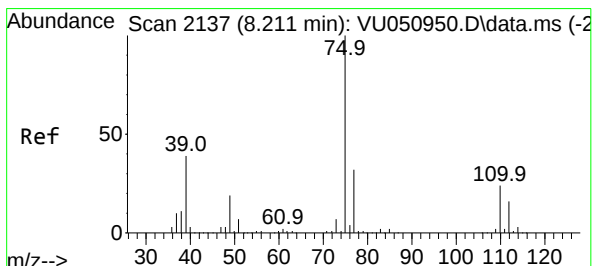
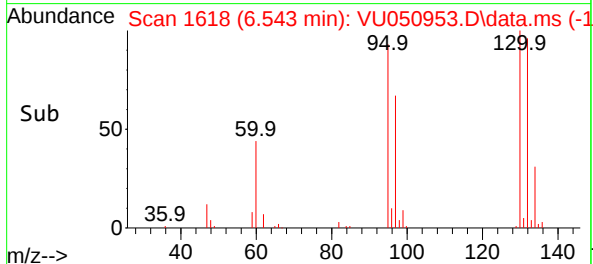
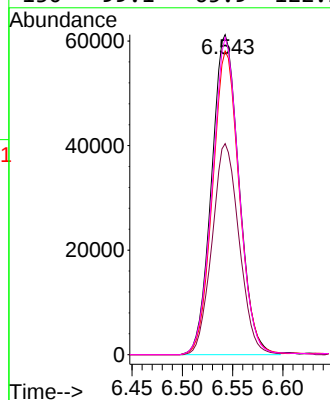
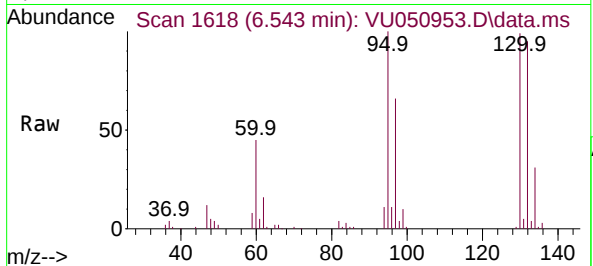




#34
Trichloroethene
Concen: 38.373 ug/L
RT: 6.543 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050953.D
Acq: 27 Sep 2022 13:47

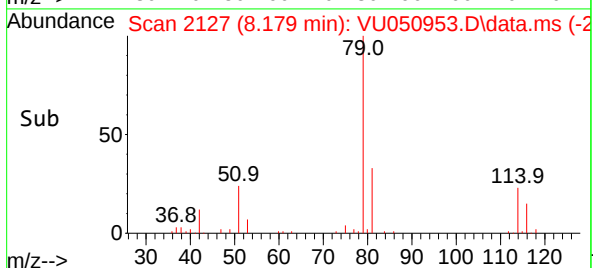
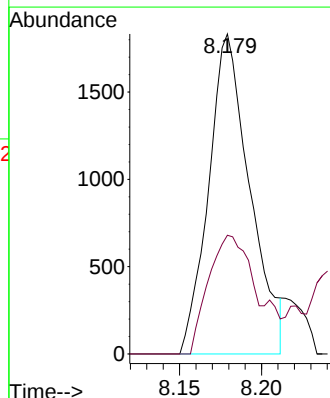
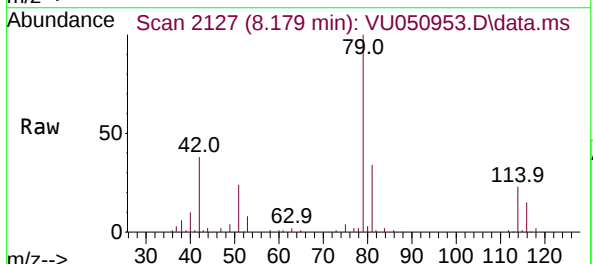
Instrument :
MSVOA_U
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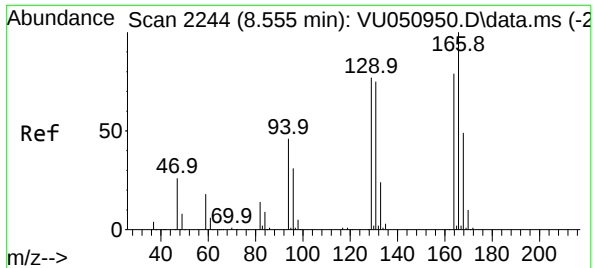
Tgt Ion: 95 Resp: 116030
Ion Ratio Lower Upper
95 100
97 65.9 43.9 81.5
132 94.9 63.1 117.1
130 99.1 65.9 122.3



#44
trans-1,3-Dichloropropene
Concen: 0.705 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU050953.D
Acq: 27 Sep 2022 13:47

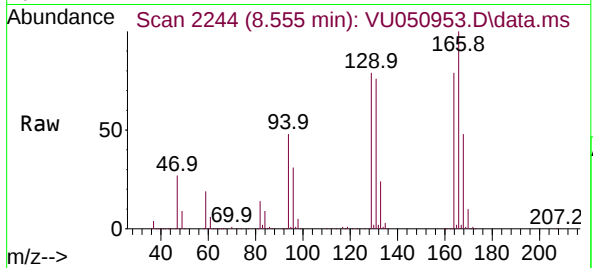
Tgt Ion: 75 Resp: 3198
Ion Ratio Lower Upper
75 100
77 37.1 21.9 40.7





#46
 Tetrachloroethene
 Concen: 640.774 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU050953.D
 Acq: 27 Sep 2022 13:47

Instrument :
 MSVOA_U
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Tgt Ion:164 Resp: 1392359

Ion	Ratio	Lower	Upper
164	100		
129	99.3	68.5	127.3
131	95.6	66.1	122.7
166	126.2	88.8	164.8

