

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050879.D
 Acq On : 21 Sep 2022 16:49
 Operator : JC/MD
 Sample : N4650-05DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ01DL

Quant Time: Sep 22 02:13:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

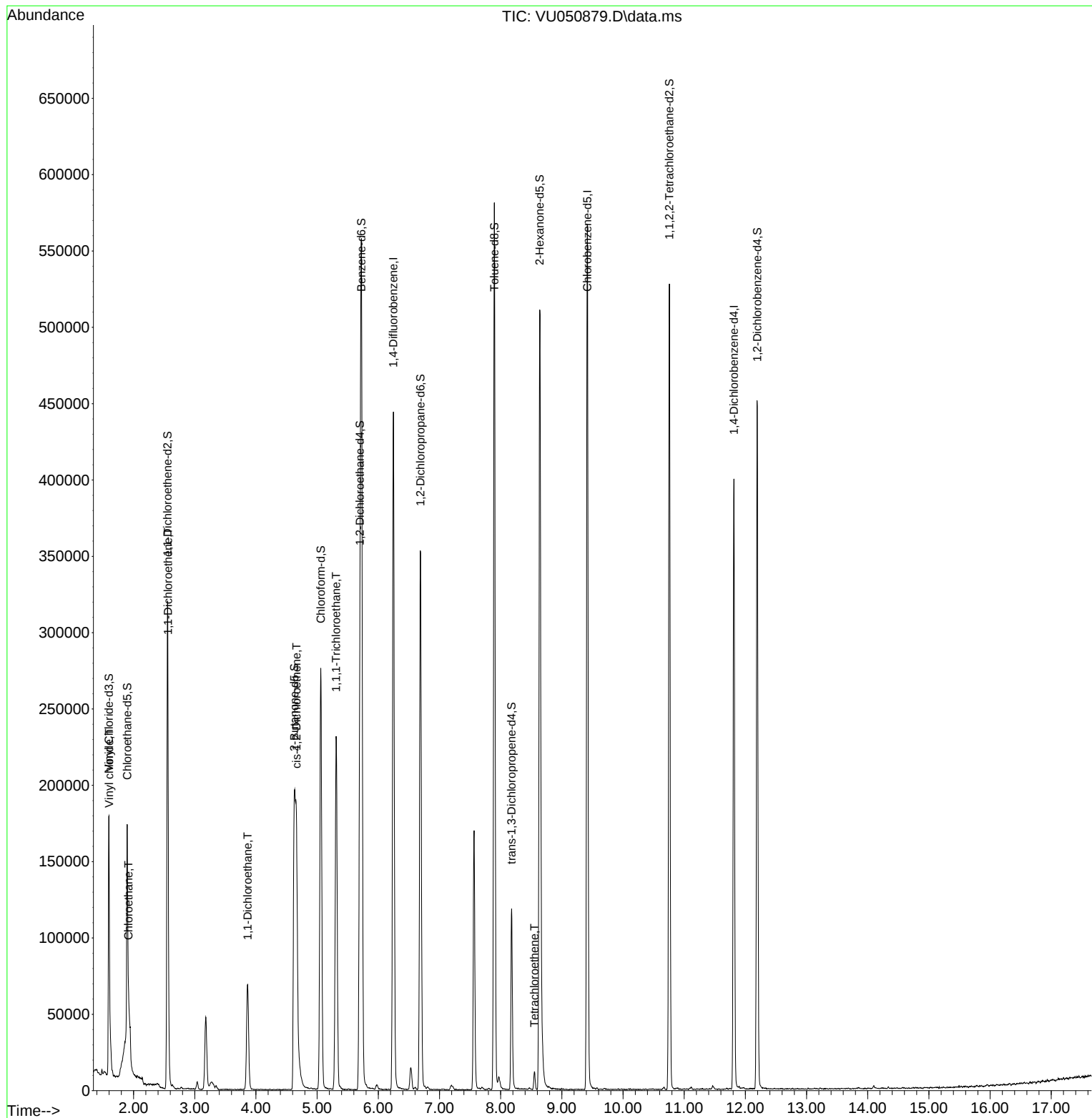
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	350292	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	315409	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	105497	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	145770	40.165	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.340%
7) Chloroethane-d5	1.896	69	98151	37.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.940%
11) 1,1-Dichloroethene-d2	2.556	63	187333	33.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.340%
21) 2-Butanone-d5	4.626	46	301244	128.570	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.570%
24) Chloroform-d	5.060	84	257207	45.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.440%
26) 1,2-Dichloroethane-d4	5.700	65	167616	47.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.640%
32) Benzene-d6	5.723	84	503214	48.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	6.687	67	173423	49.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.900%
41) Toluene-d8	7.896	98	384336	42.322	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.640%
43) trans-1,3-Dichloroprop...	8.179	79	65469	42.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.840%
47) 2-Hexanone-d5	8.639	63	173900	120.336	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	270983	50.685	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.380%
66) 1,2-Dichlorobenzene-d4	12.195	152	116311	52.657	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.320%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	12103	2.932	ug/L #	76
8) Chloroethane	1.916	64	6892	3.015	ug/L	100
12) 1,1-Dichloroethene	2.562	96	3148	1.169	ug/L #	1
19) 1,1-Dichloroethane	3.864	63	82313	14.759	ug/L	97
20) cis-1,2-Dichloroethene	4.662	96	65625	21.443	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	165262	39.384	ug/L	100
46) Tetrachloroethene	8.552	164	2564	1.323	ug/L	93

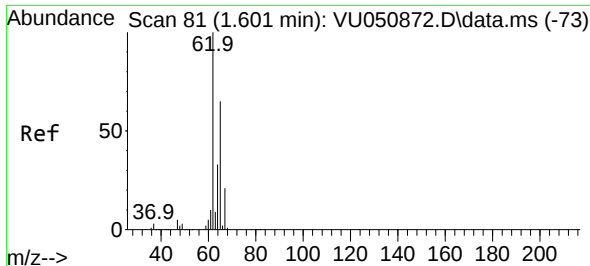
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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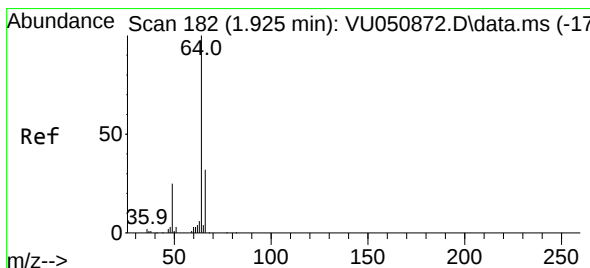
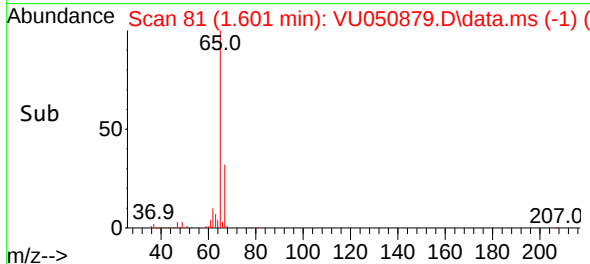
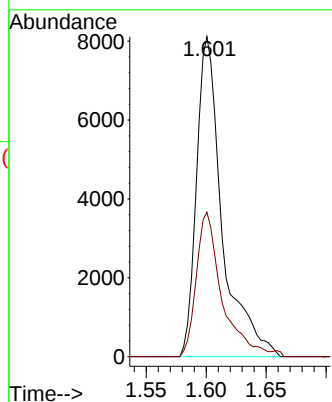
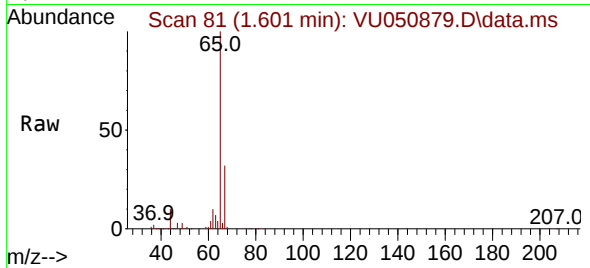




#5
 Vinyl chloride
 Concen: 2.932 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050879.D
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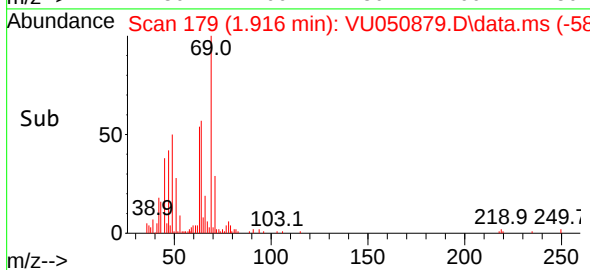
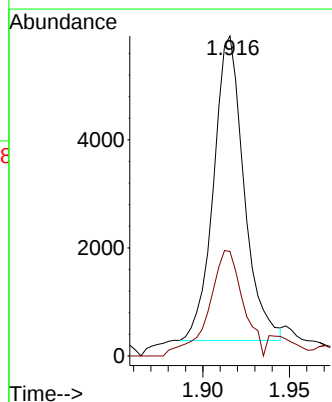
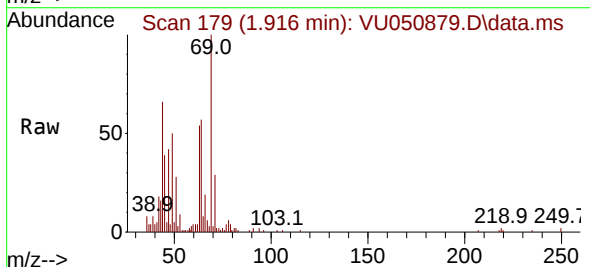
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ01DL

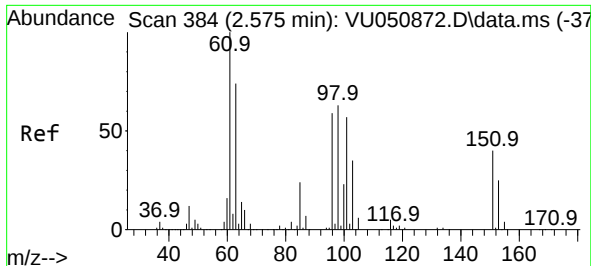
Tgt Ion: 62 Resp: 12103
 Ion Ratio Lower Upper
 62 100
 64 45.1 22.2 41.2#



#8
 Chloroethane
 Concen: 3.015 ug/L
 RT: 1.916 min Scan# 179
 Delta R.T. -0.010 min
 Lab File: VU050879.D
 Acq: 21 Sep 2022 16:49

Tgt Ion: 64 Resp: 6892
 Ion Ratio Lower Upper
 64 100
 66 32.6 22.9 42.5





#12

1,1-Dichloroethene

Concen: 1.169 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU050879.D

Acq: 21 Sep 2022 16:49

Instrument :

MSVOA_U

ClientSampleId :

EXZ01DL

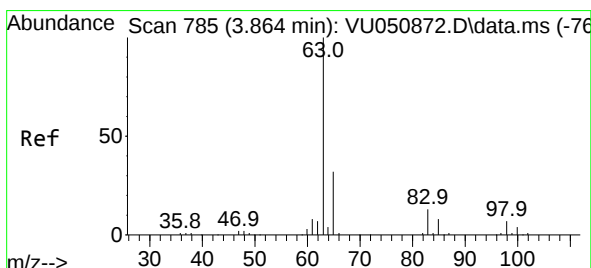
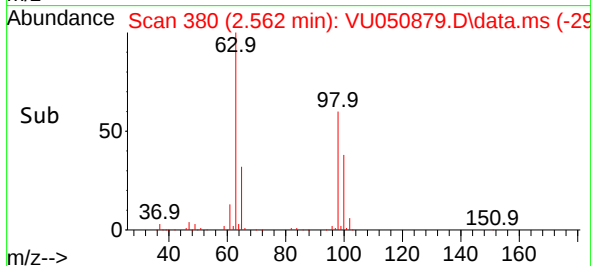
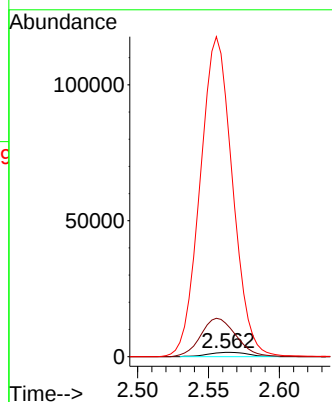
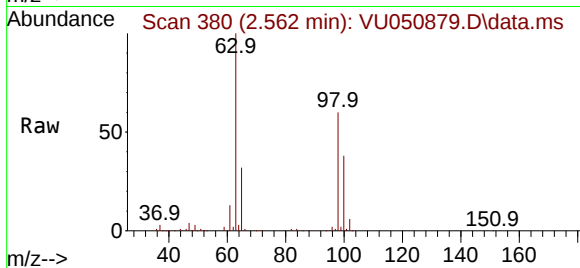
Tgt Ion: 96 Resp: 3148

Ion Ratio Lower Upper

96 100

61 784.6 118.6 220.2#

63 6064.1 90.4 168.0#



#19

1,1-Dichloroethane

Concen: 14.759 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU050879.D

Acq: 21 Sep 2022 16:49

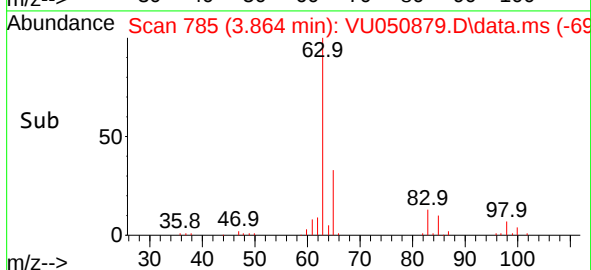
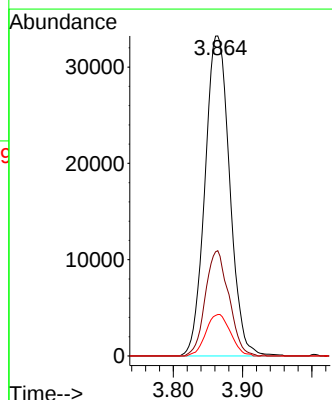
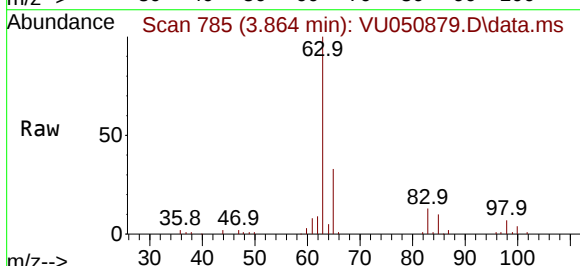
Tgt Ion: 63 Resp: 82313

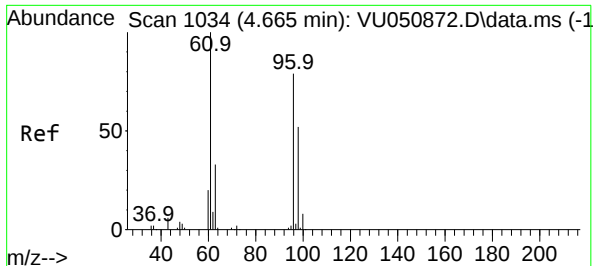
Ion Ratio Lower Upper

63 100

65 32.9 21.5 39.9

83 12.9 9.3 17.3

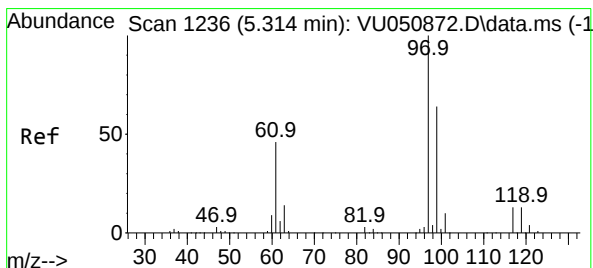
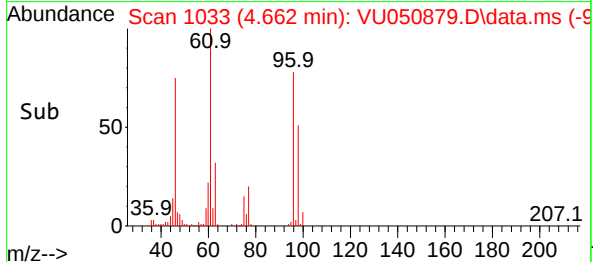
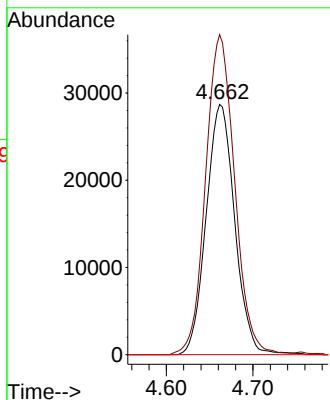
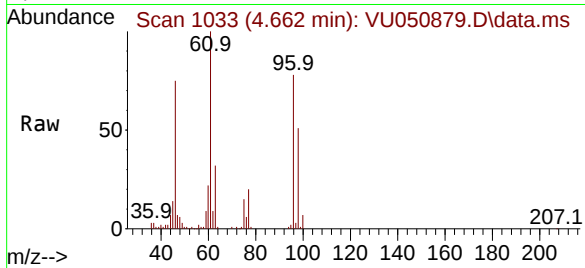




#20
 cis-1,2-Dichloroethene
 Concen: 21.443 ug/L
 RT: 4.662 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU050879.D
 Acq: 21 Sep 2022 16:49

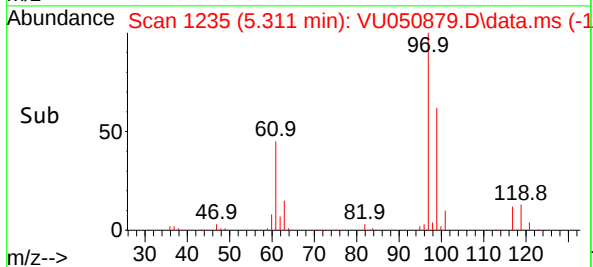
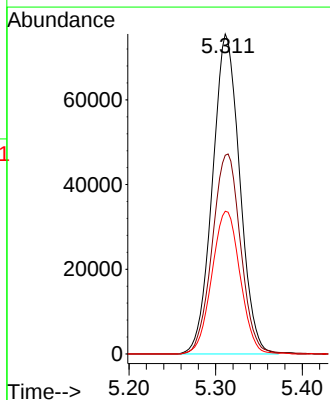
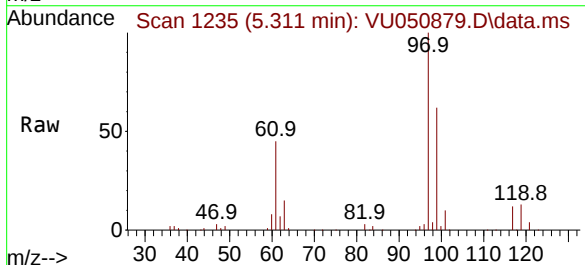
Instrument :
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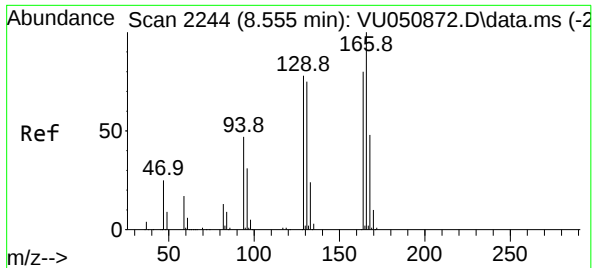
Tgt Ion: 96 Resp: 65625
 Ion Ratio Lower Upper
 96 100
 61 127.9 90.1 167.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 39.384 ug/L
 RT: 5.311 min Scan# 1235
 Delta R.T. -0.003 min
 Lab File: VU050879.D
 Acq: 21 Sep 2022 16:49

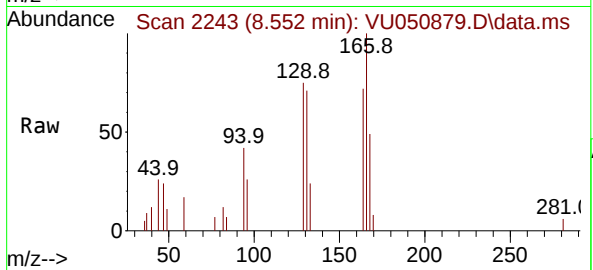
Tgt Ion: 97 Resp: 165262
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.2 78.2
 61 46.2 37.1 55.7





#46
 Tetrachloroethene
 Concen: 1.323 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU050879.D
 Acq: 21 Sep 2022 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ01DL



Tgt Ion:	164	Resp:	2564
Ion	Ratio	Lower	Upper
164	100		
129	103.7	68.5	127.3
131	98.0	66.1	122.7
166	139.0	88.8	164.8

