

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050322\  
 Data File : VU048399.D  
 Acq On : 03 May 2022 18:42  
 Operator : SY/MD  
 Sample : N2668-10  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 04 01:41:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 04 01:37:47 2022  
 Response via : Initial Calibration

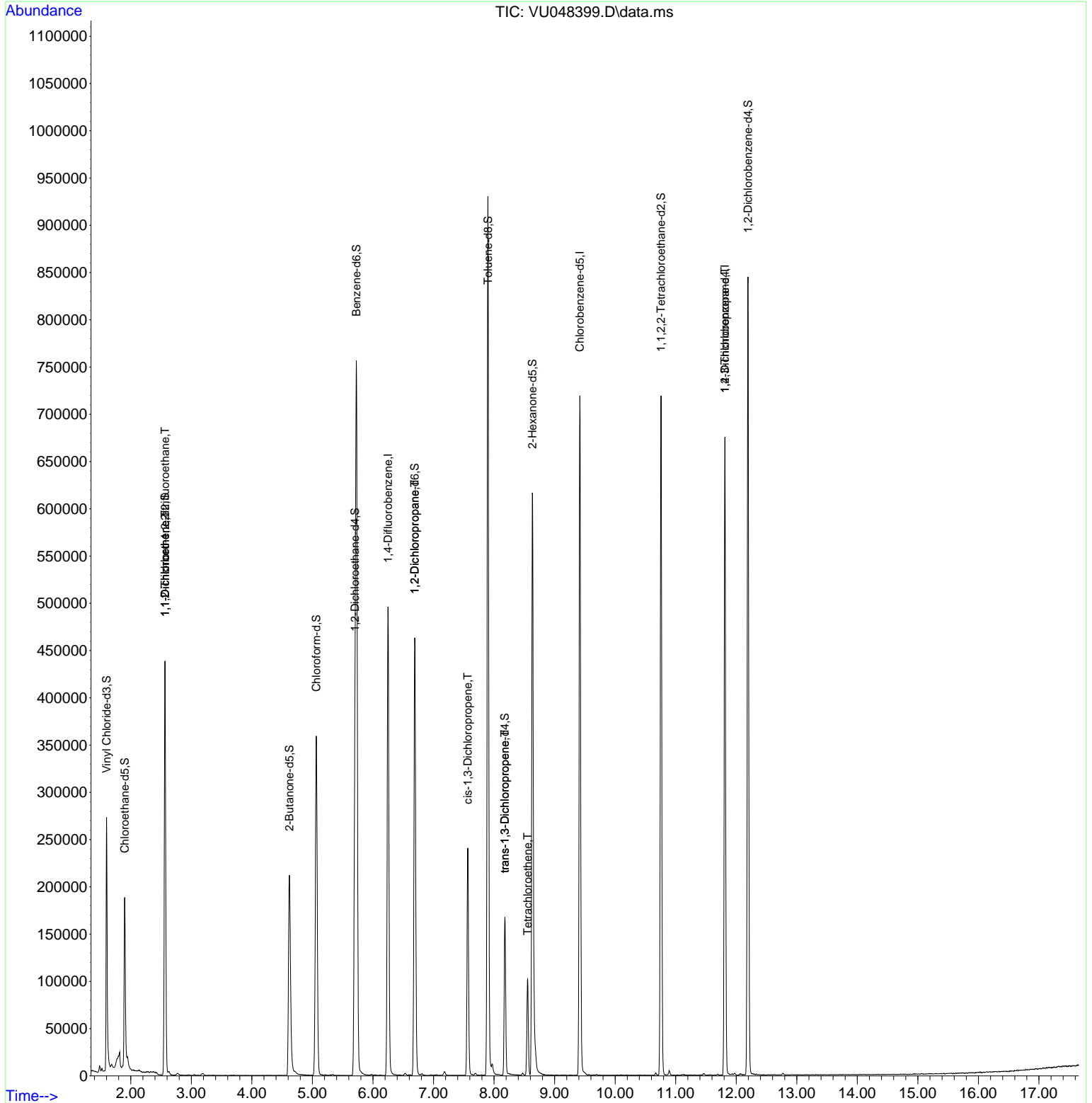
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	431658	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	433707	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	194371	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	211764	53.349	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	106.700%	
7) Chloroethane-d5	1.900	69	153557	55.112	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	110.220%	
11) 1,1-Dichloroethene-d2	2.565	63	251893	39.605	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.220%	
21) 2-Butanone-d5	4.620	46	303865	89.754	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.750%	
24) Chloroform-d	5.063	84	343030	47.644	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.280%	
26) 1,2-Dichloroethane-d4	5.703	65	215021	50.334	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.660%	
32) Benzene-d6	5.726	84	730329	53.392	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.780%	
36) 1,2-Dichloropropane-d6	6.690	67	235574	52.093	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	104.180%	
41) Toluene-d8	7.899	98	637134	51.387	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.780%	
43) trans-1,3-Dichloroprop...	8.179	79	96613	48.417	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.840%	
47) 2-Hexanone-d5	8.632	63	212342	87.032	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.030%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	362791	45.743	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.480%	
66) 1,2-Dichlorobenzene-d4	12.195	152	243313	55.647	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.300%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2685	0.826	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	2052	0.723	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	22427	6.139	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	5499	1.070	ug/L #	61
44) trans-1,3-Dichloropropene	8.179	75	3688	0.735	ug/L #	81
46) Tetrachloroethene	8.555	164	24687	9.139	ug/L	99
60) 1,2,3-Trichloropropane	11.812	75	20245	4.465	ug/L #	68

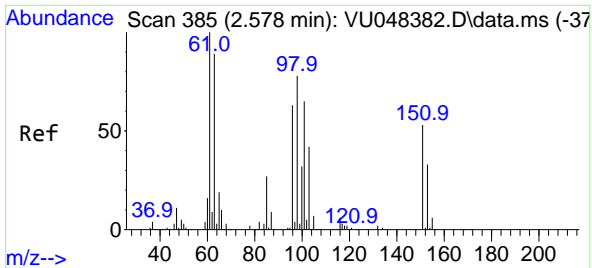
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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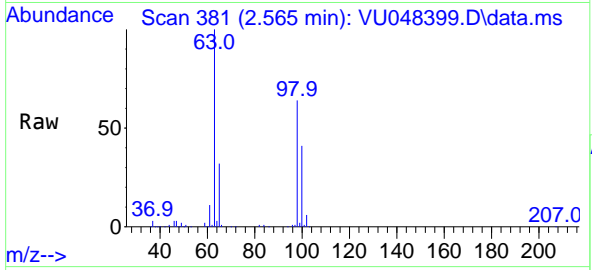
Quant Time: May 04 01:41:47 2022  
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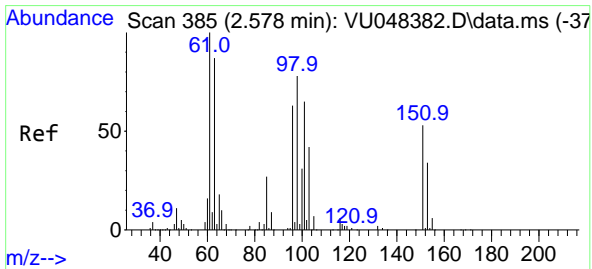
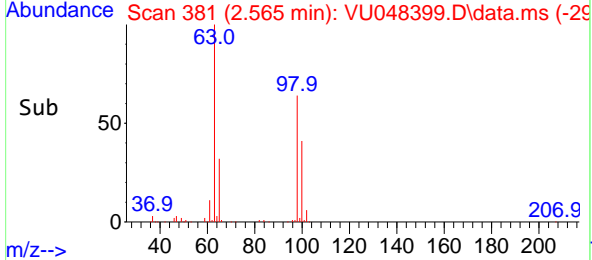
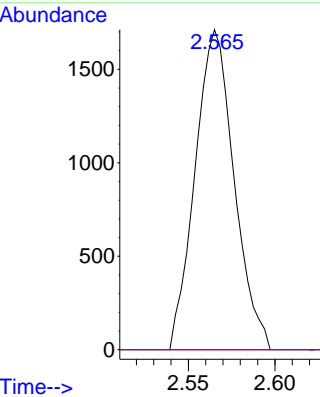
#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.826 ug/L  
 RT: 2.565 min Scan# 381  
 Delta R.T. -0.013 min  
 Lab File: VU048399.D  
 Acq: 03 May 2022 18:42

Instrument :  
 MSVOA\_U  
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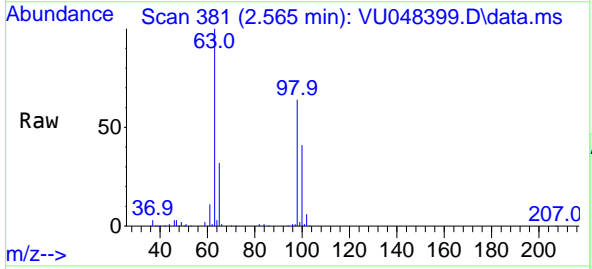


Tgt Ion: 101 Resp: 2685

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.6	48.8#
151	0.0	64.1	96.1#

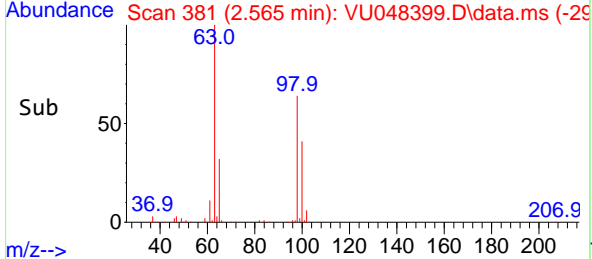
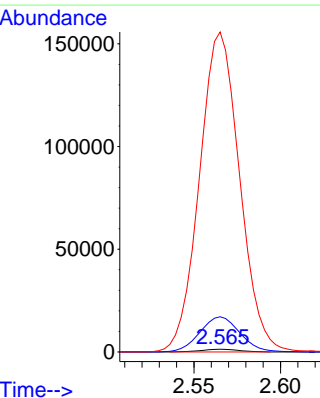


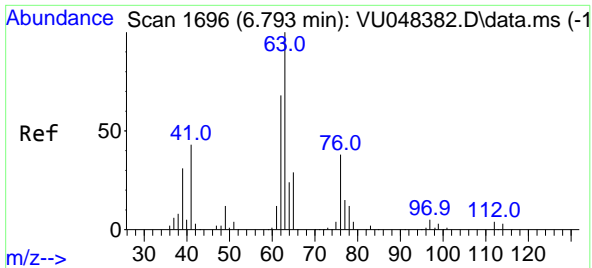
#12  
 1,1-Dichloroethene  
 Concen: 0.723 ug/L  
 RT: 2.565 min Scan# 381  
 Delta R.T. -0.013 min  
 Lab File: VU048399.D  
 Acq: 03 May 2022 18:42



Tgt Ion: 96 Resp: 2052

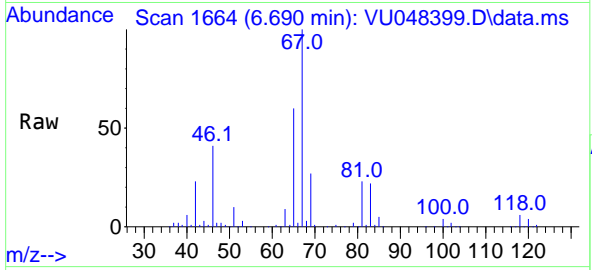
Ion	Ratio	Lower	Upper
96	100		
61	1289.5	107.9	200.3#
63	11694.9	80.3	149.1#



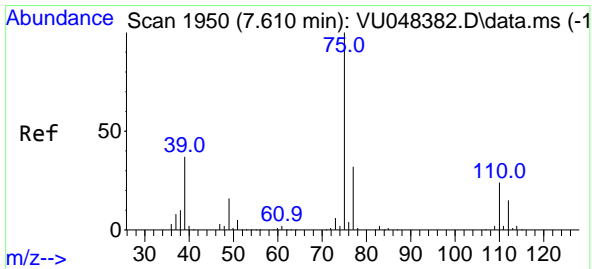
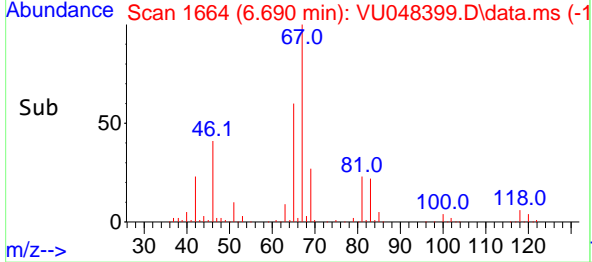
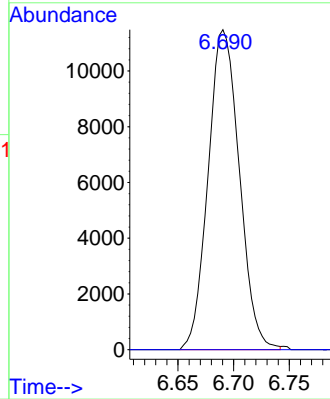


#37  
 1,2-Dichloropropane  
 Concen: 6.139 ug/L  
 RT: 6.690 min Scan# 1  
 Delta R.T. -0.103 min  
 Lab File: VU048399.D  
 Acq: 03 May 2022 18:42

Instrument :  
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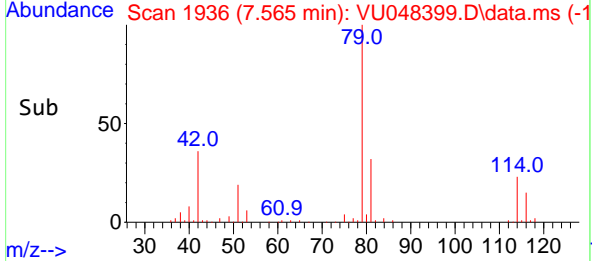
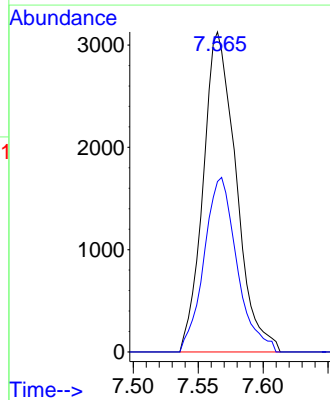
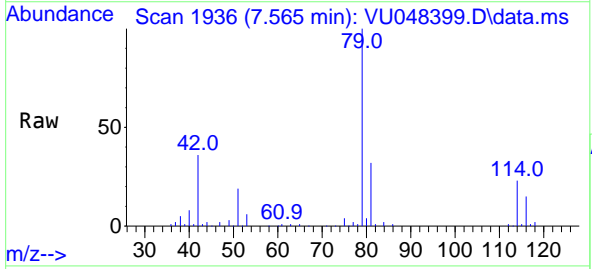


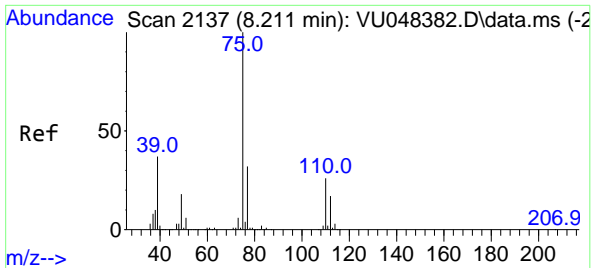
Tgt Ion: 63 Resp: 22427  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.1 4.7#



#39  
 cis-1,3-Dichloropropene  
 Concen: 1.070 ug/L  
 RT: 7.565 min Scan# 1936  
 Delta R.T. -0.045 min  
 Lab File: VU048399.D  
 Acq: 03 May 2022 18:42

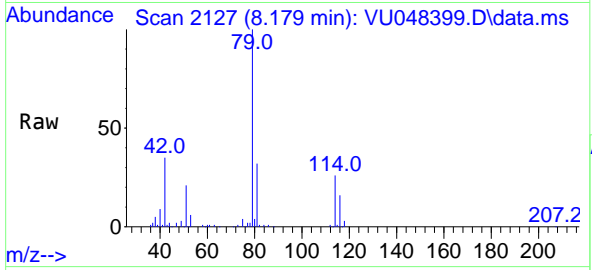
Tgt Ion: 75 Resp: 5499  
 Ion Ratio Lower Upper  
 75 100  
 77 53.2 22.0 41.0#



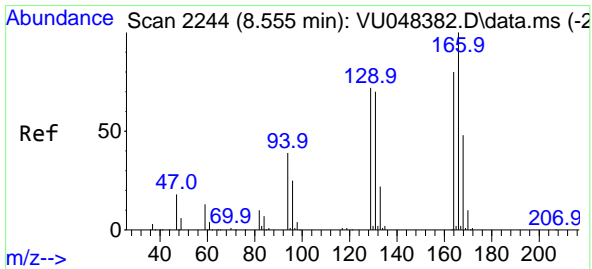
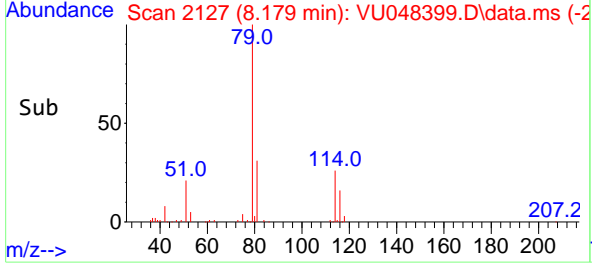
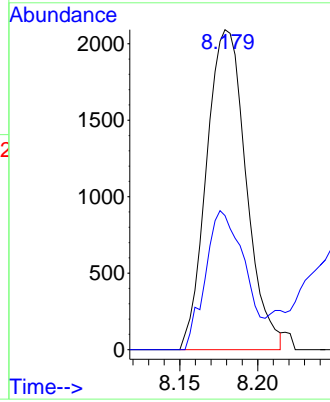


#44  
 trans-1,3-Dichloropropene  
 Concen: 0.735 ug/L  
 RT: 8.179 min Scan# 2137  
 Delta R.T. -0.032 min  
 Lab File: VU048399.D  
 Acq: 03 May 2022 18:42

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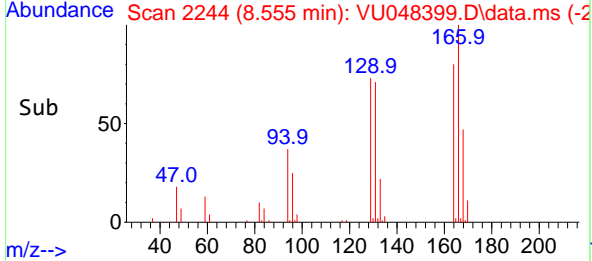
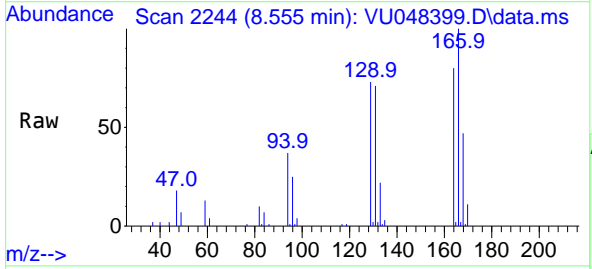
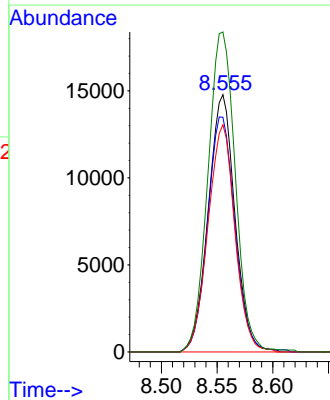


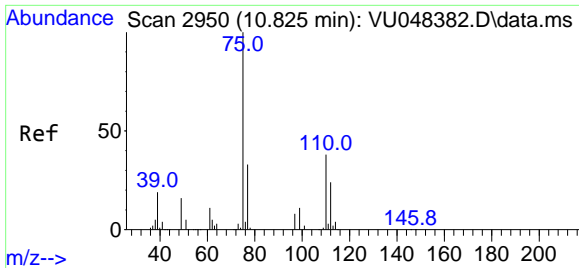
Tgt Ion: 75 Resp: 3688  
 Ion Ratio Lower Upper  
 75 100  
 77 41.9 22.1 41.1#



#46  
 Tetrachloroethene  
 Concen: 9.139 ug/L  
 RT: 8.555 min Scan# 2244  
 Delta R.T. 0.000 min  
 Lab File: VU048399.D  
 Acq: 03 May 2022 18:42

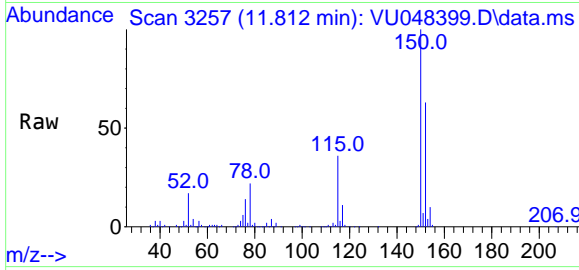
Tgt Ion: 164 Resp: 24687  
 Ion Ratio Lower Upper  
 164 100  
 129 91.2 63.3 117.7  
 131 88.3 61.2 113.6  
 166 124.4 88.9 165.1





#60  
 1,2,3-Trichloropropane  
 Concen: 4.465 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU048399.D  
 Acq: 03 May 2022 18:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 20245

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.8	38.8
110	2.5	29.9	44.9#

