

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
 Data File : VU049779.D
 Acq On : 19 Jul 2022 12:54
 Operator : SY/MD
 Sample : VU0719WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK161

Quant Time: Jul 20 02:15:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

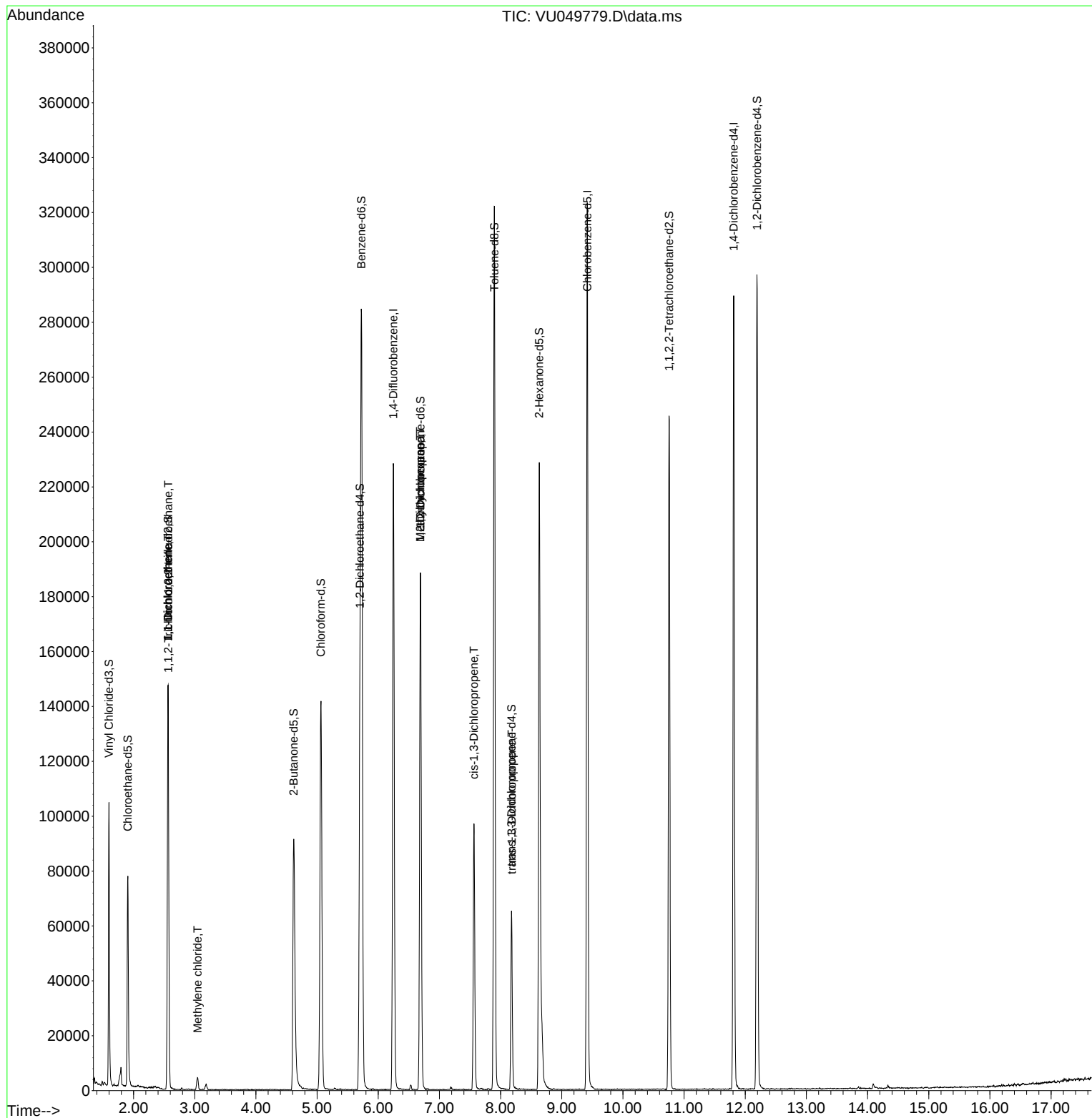
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	175235	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	168452	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72771	49.218	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	98.440%	
7) Chloroethane-d5	1.906	69	55941	52.343	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	104.680%	
11) 1,1-Dichloroethene-d2	2.565	63	91476	35.026	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.060%	
21) 2-Butanone-d5	4.616	46	134832	106.825	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	106.820%	
24) Chloroform-d	5.063	84	130301	49.757	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.520%	
26) 1,2-Dichloroethane-d4	5.700	65	92737	52.324	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.640%	
32) Benzene-d6	5.726	84	250226	48.896	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.690	67	90291	52.455	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	104.900%	
41) Toluene-d8	7.899	98	205185	46.041	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.080%	
43) trans-1,3-Dichloroprop...	8.179	79	35485	48.929	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	97.860%	
47) 2-Hexanone-d5	8.632	63	67428	87.083	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.080%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	122194	50.735	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.460%	
66) 1,2-Dichlorobenzene-d4	12.192	152	71941	51.190	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.380%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	852	0.631	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	557	0.445	ug/L #	1
16) Methylene chloride	3.044	84	2213	1.403	ug/L	75
35) Methylcyclohexane	6.687	83	19585	8.143	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	10424	5.939	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2280	0.963	ug/L #	77
44) trans-1,3-Dichloropropene	8.182	75	1685	0.758	ug/L #	82

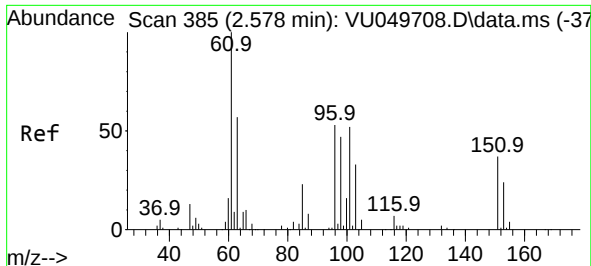
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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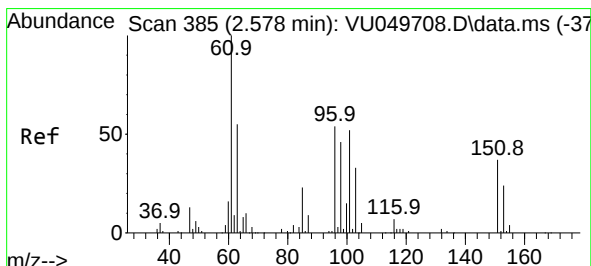
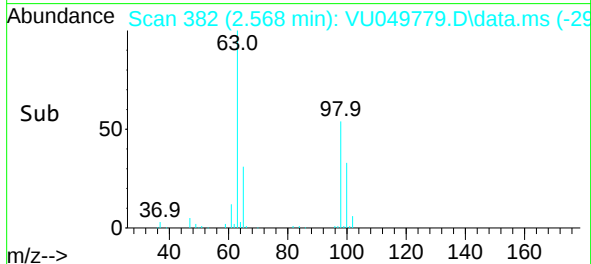
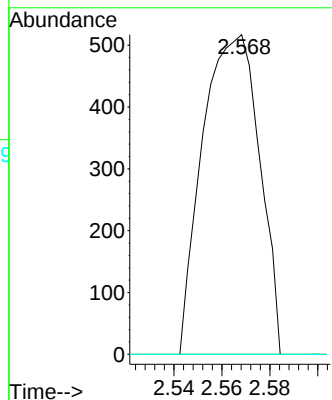
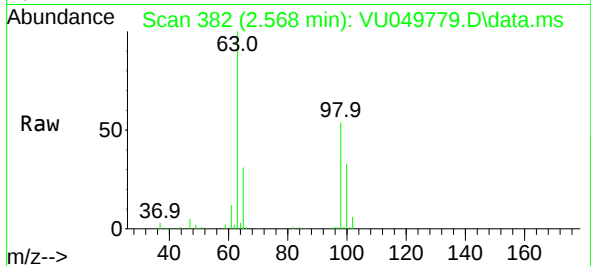




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.631 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU049779.D
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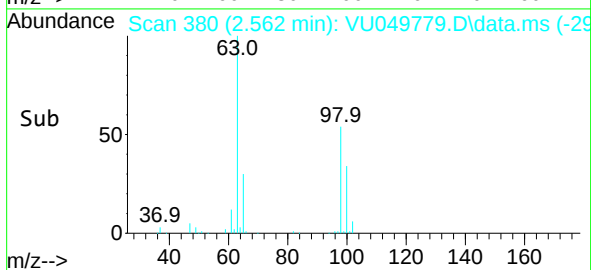
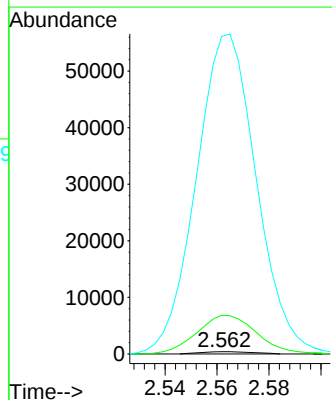
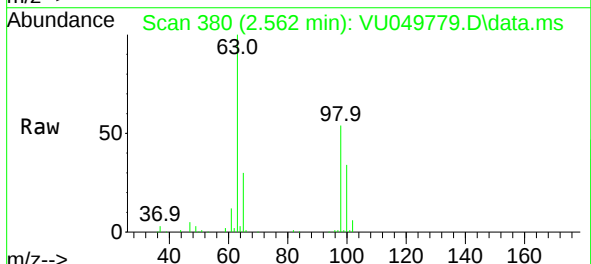
Instrument :
MSVOA_U
ClientSampleId :
VBLK161

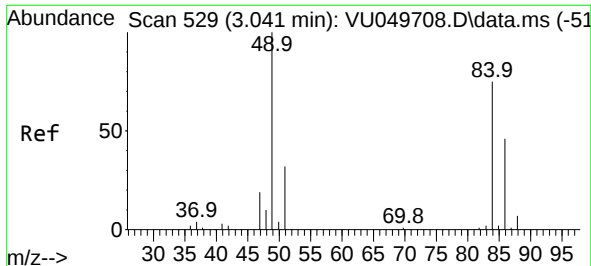
Tgt Ion:101 Resp: 852
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.445 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049779.D
Acq: 19 Jul 2022 12:54

Tgt Ion: 96 Resp: 557
Ion Ratio Lower Upper
96 100
61 1702.5 129.6 240.6#
63 13954.2 79.0 146.6#



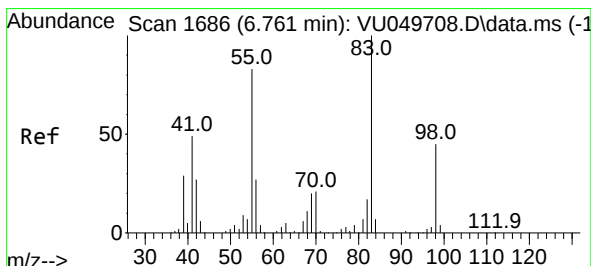
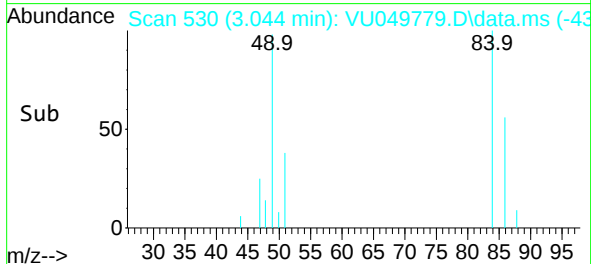
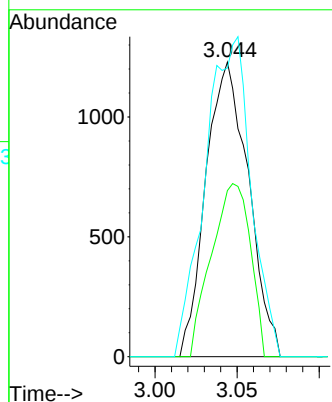
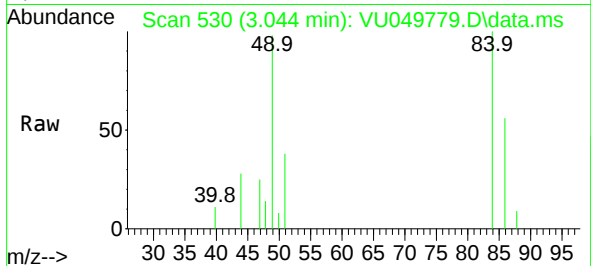


#16
Methylene chloride
Concen: 1.403 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049779.D
Acq: 19 Jul 2022 12:54

Instrument :
MSVOA_U
ClientSampleId :
VBLK161

Tgt Ion: 84 Resp: 2213

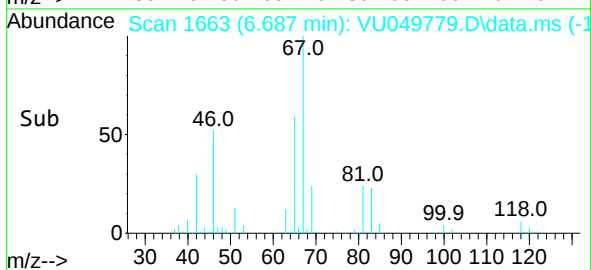
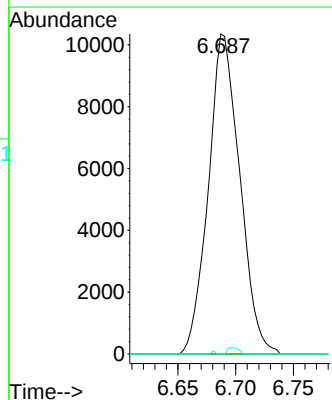
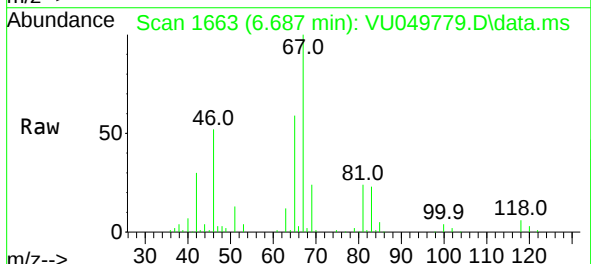
Ion	Ratio	Lower	Upper
84	100		
86	56.4	45.6	84.6
49	98.0	94.4	175.4

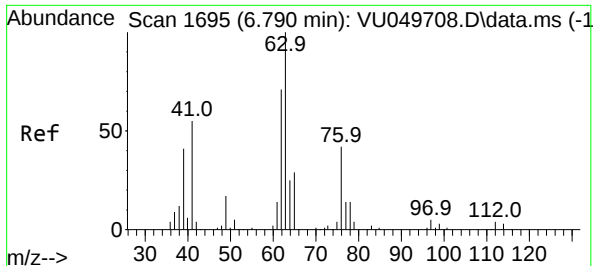


#35
Methylcyclohexane
Concen: 8.143 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU049779.D
Acq: 19 Jul 2022 12:54

Tgt Ion: 83 Resp: 19585

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	0.7	34.6	51.8#

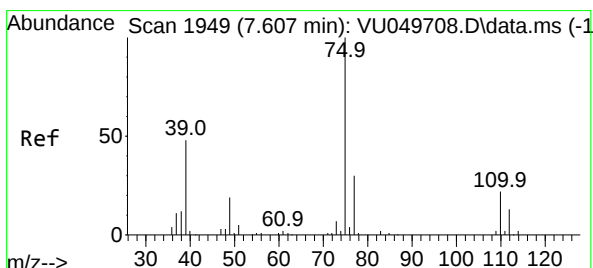
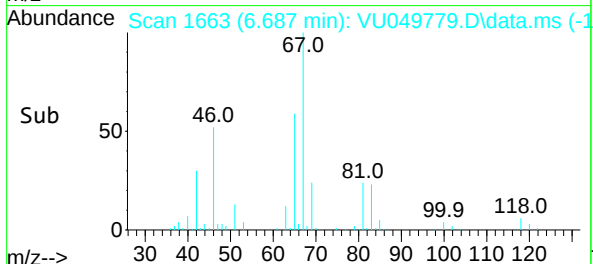
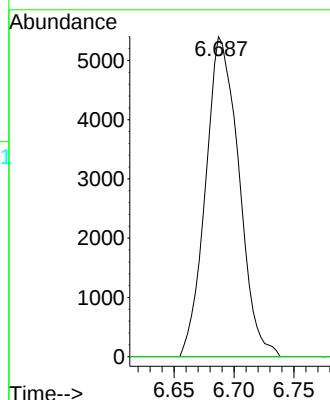
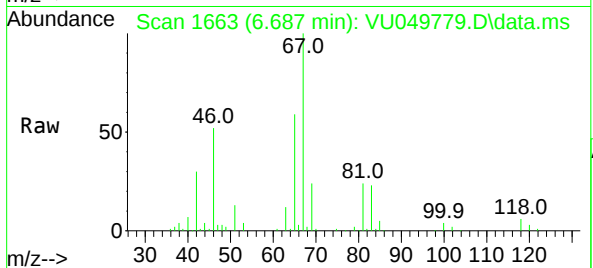




#37
1,2-Dichloropropane
Concen: 5.939 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU049779.D
Acq: 19 Jul 2022 12:54

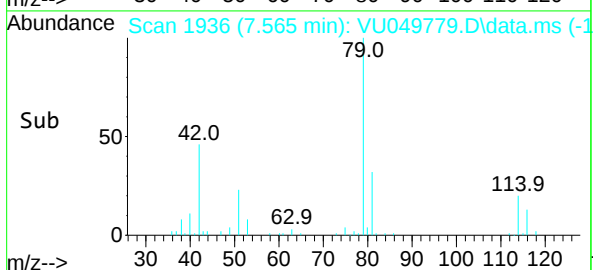
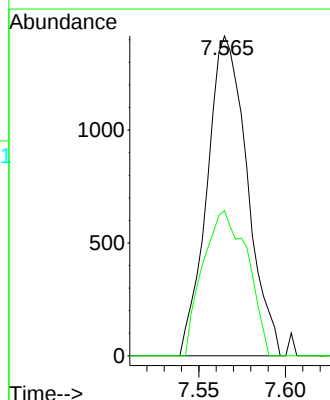
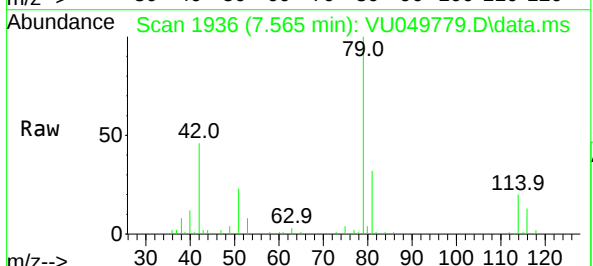
Instrument :
MSVOA_U
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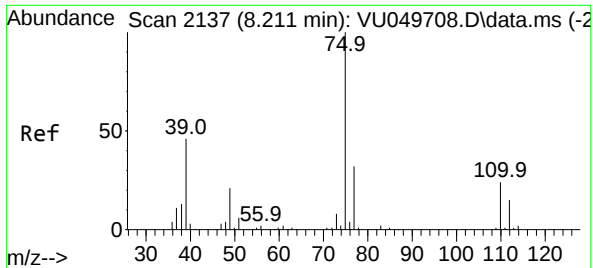
Tgt Ion: 63 Resp: 10424
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.963 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU049779.D
Acq: 19 Jul 2022 12:54

Tgt Ion: 75 Resp: 2280
Ion Ratio Lower Upper
75 100
77 45.4 22.6 42.0#





#44
 trans-1,3-Dichloropropene
 Concen: 0.758 ug/L
 RT: 8.182 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: VU049779.D
 Acq: 19 Jul 2022 12:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK161

Tgt Ion: 75 Resp: 1685
 Ion Ratio Lower Upper
 75 100
 77 42.0 22.5 41.9#

