

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050461.D
 Acq On : 26 Aug 2022 16:49
 Operator : SY/MD
 Sample : N4322-24
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY179

Quant Time: Aug 27 02:48:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

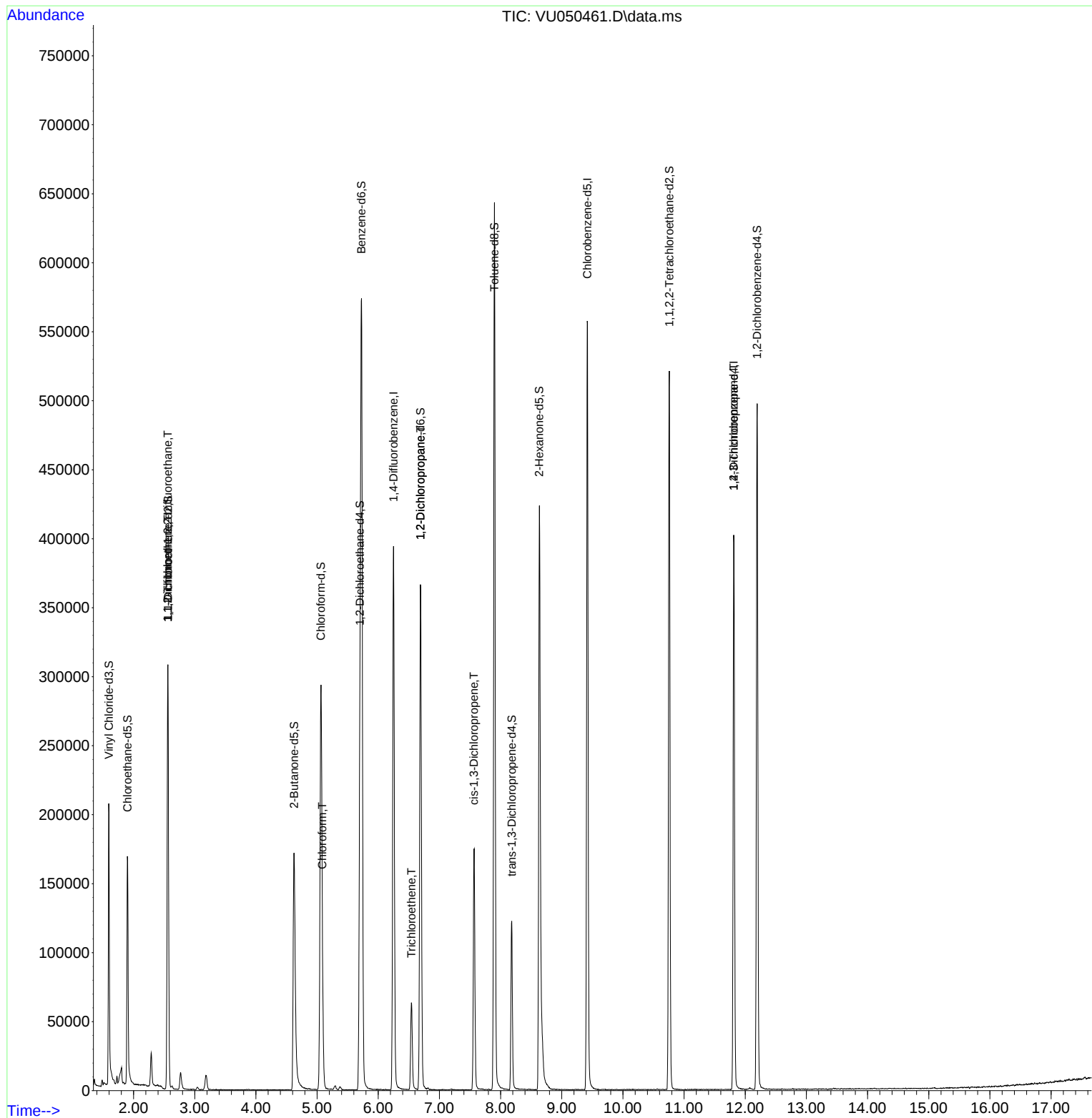
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	316595	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	311463	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	110597	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	162603	43.436	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.880%
7) Chloroethane-d5	1.899	69	131238	47.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	2.562	63	182907	34.573	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.140%
21) 2-Butanone-d5	4.623	46	241781	98.675	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.670%
24) Chloroform-d	5.063	84	269175	44.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
26) 1,2-Dichloroethane-d4	5.700	65	172752	46.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
32) Benzene-d6	5.726	84	538983	46.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.660%
36) 1,2-Dichloropropane-d6	6.690	67	179287	47.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.060%
41) Toluene-d8	7.899	98	432425	42.941	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.880%
43) trans-1,3-Dichloroprop...	8.182	79	68581	43.124	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.240%
47) 2-Hexanone-d5	8.632	63	138167	97.656	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	266644	45.345	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	135559	51.311	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.620%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1629	0.742	ug/L #	21
12) 1,1-Dichloroethene	2.559	96	1407	0.724	ug/L #	1
25) Chloroform	5.086	83	41914	8.895	ug/L	94
34) Trichloroethene	6.542	95	20465	9.168	ug/L	94
37) 1,2-Dichloropropane	6.690	63	19068	6.961	ug/L #	90
39) cis-1,3-Dichloropropene	7.565	75	4070	1.131	ug/L #	46
60) 1,2,3-Trichloropropane	11.812	75	13074	4.587	ug/L #	69

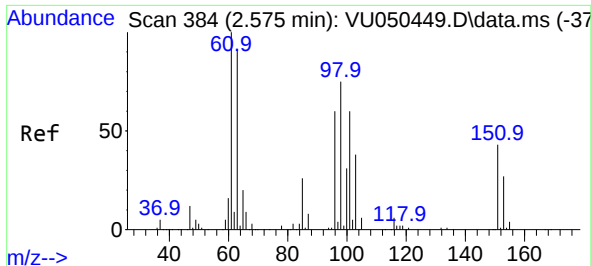
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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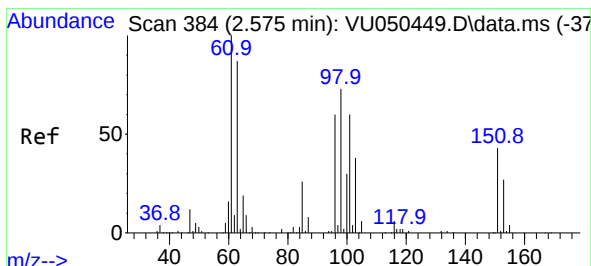
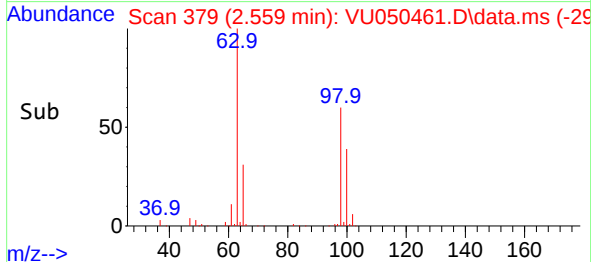
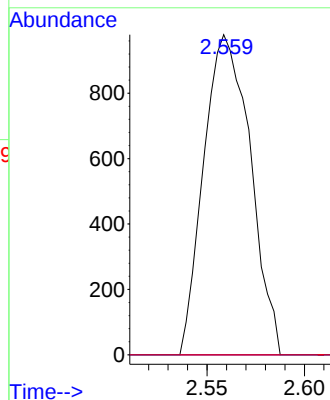
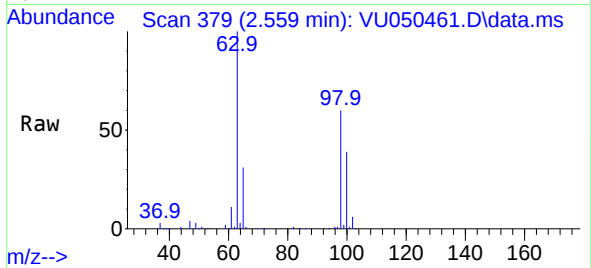




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.742 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU050461.D
Acq: 26 Aug 2022 16:49

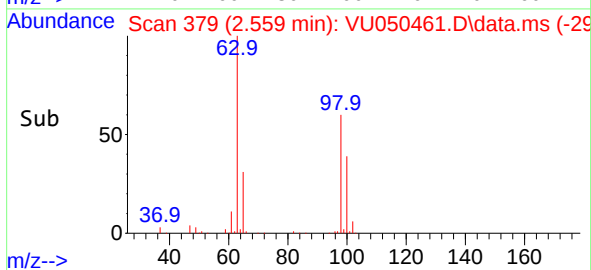
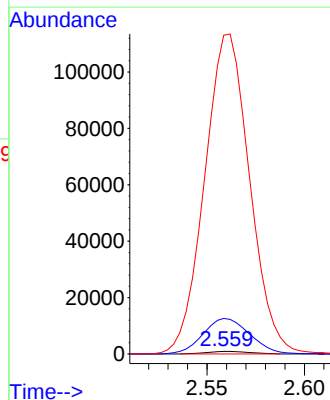
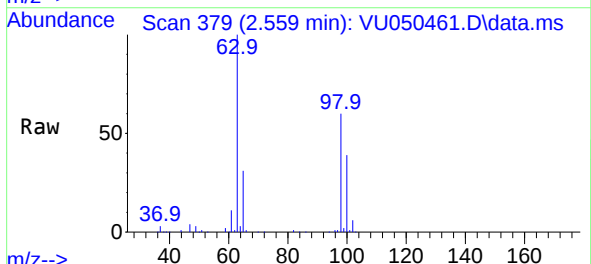
Instrument :
MSVOA_U
ClientSampleId :
EY179

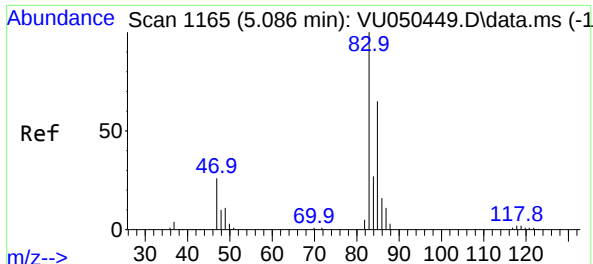
Tgt Ion:101 Resp: 1629
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.724 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU050461.D
Acq: 26 Aug 2022 16:49

Tgt Ion: 96 Resp: 1407
Ion Ratio Lower Upper
96 100
61 1375.4 116.8 216.8#
63 12312.0 97.4 180.8#

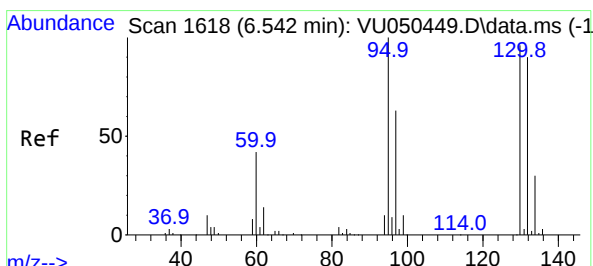
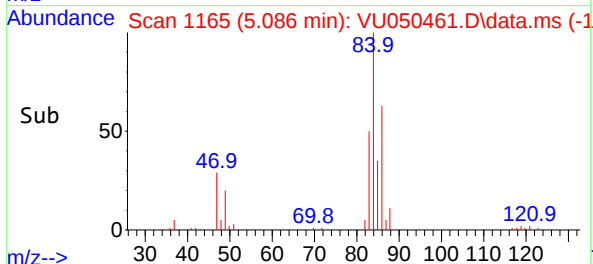
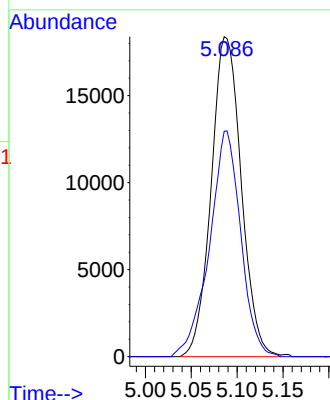
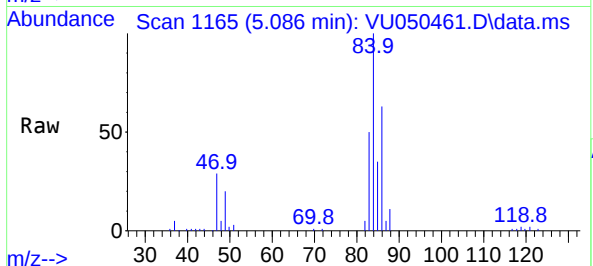




#25
Chloroform
Concen: 8.895 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU050461.D
Acq: 26 Aug 2022 16:49

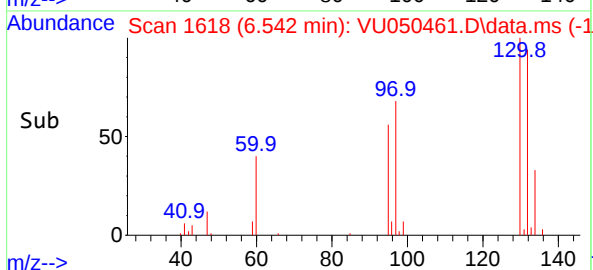
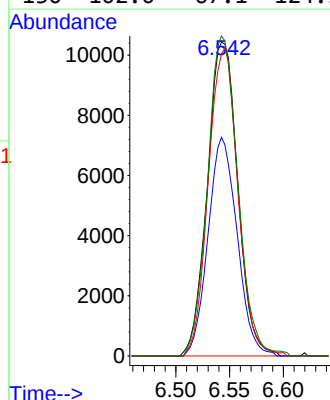
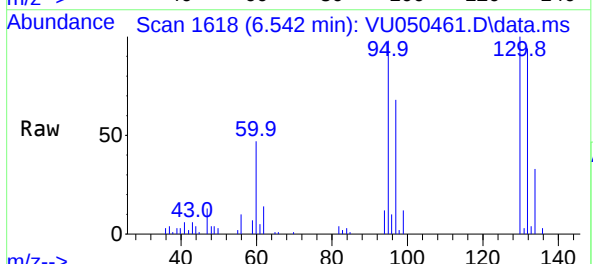
Instrument :
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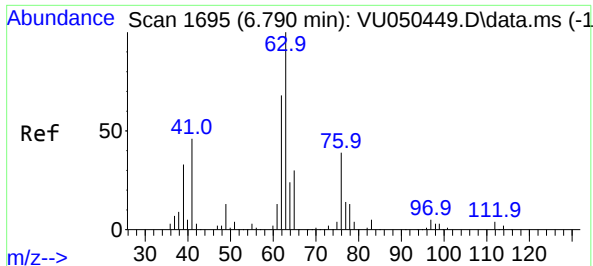
Tgt Ion: 83 Resp: 41914
Ion Ratio Lower Upper
83 100
85 70.4 45.7 84.9



#34
Trichloroethene
Concen: 9.168 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050461.D
Acq: 26 Aug 2022 16:49

Tgt Ion: 95 Resp: 20465
Ion Ratio Lower Upper
95 100
97 69.7 45.2 84.0
132 96.2 64.4 119.6
130 102.0 67.1 124.5

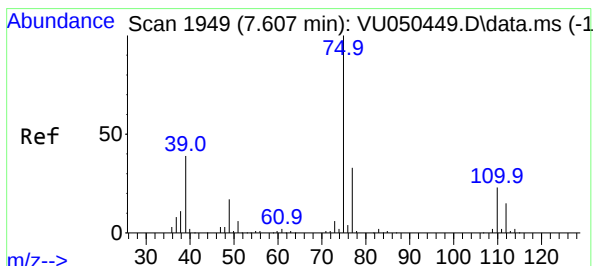
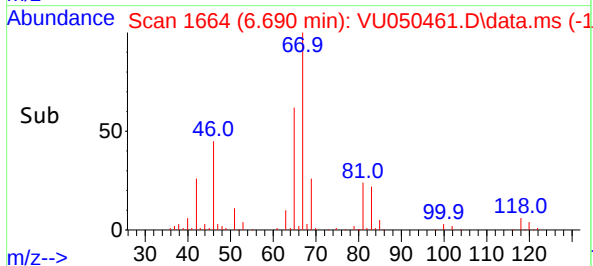
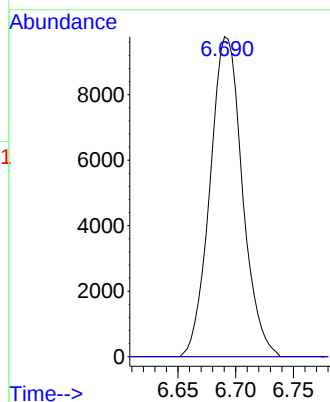
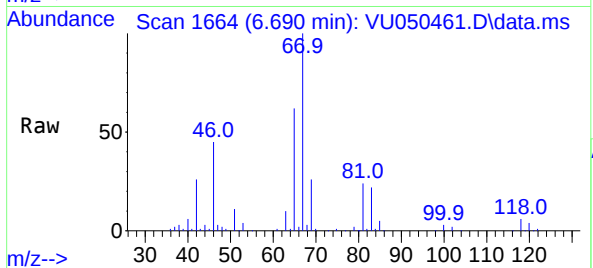




#37
1,2-Dichloropropane
Concen: 6.961 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU050461.D
Acq: 26 Aug 2022 16:49

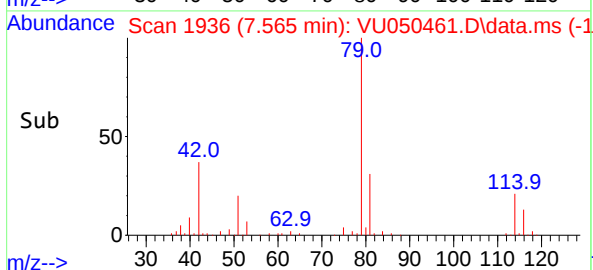
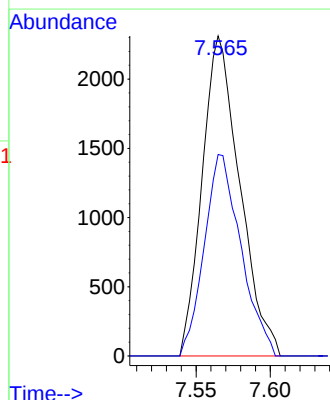
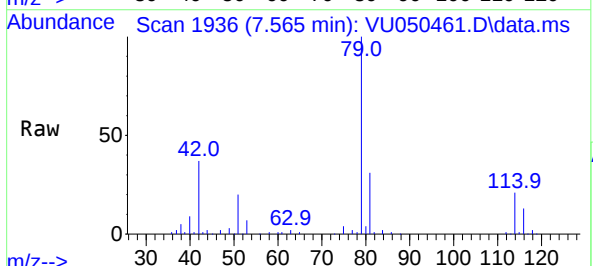
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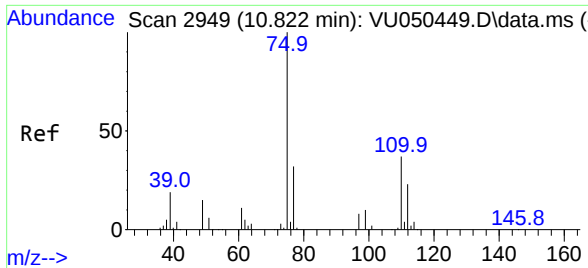
Tgt Ion: 63 Resp: 19068
Ion Ratio Lower Upper
63 100
112 0.5 3.0 4.4#



#39
cis-1,3-Dichloropropene
Concen: 1.131 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050461.D
Acq: 26 Aug 2022 16:49

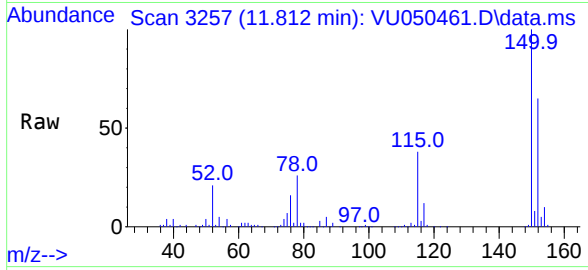
Tgt Ion: 75 Resp: 4070
Ion Ratio Lower Upper
75 100
77 63.0 22.8 42.4#





#60
 1,2,3-Trichloropropane
 Concen: 4.587 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050461.D
 Acq: 26 Aug 2022 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 13074

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.7	38.5
110	2.3	29.0	43.4#

