

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\New folder\
 Data File : VU049753.D
 Acq On : 18 Jul 2022 12:04
 Operator : SY/MD
 Sample : VU0718WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

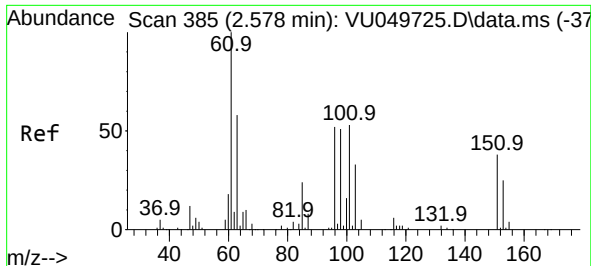
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 18 17:57:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	184142	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	177667	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77875	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82395	53.032	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 106.060%		
7) Chloroethane-d5	1.903	69	61123	54.425	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 108.860%		
11) 1,1-Dichloroethene-d2	2.562	63	102602	37.386	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 74.780%		
21) 2-Butanone-d5	4.620	46	137095	103.364	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 103.360%		
24) Chloroform-d	5.063	84	142381	51.740	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 103.480%		
26) 1,2-Dichloroethane-d4	5.700	65	99553	53.453	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 106.900%		
32) Benzene-d6	5.726	84	273554	50.682	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 101.360%		
36) 1,2-Dichloropropane-d6	6.690	67	95663	52.693	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 105.380%		
41) Toluene-d8	7.896	98	229352	48.794	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 97.580%		
43) trans-1,3-Dichloroprop...	8.179	79	39106	51.125	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 102.260%		
47) 2-Hexanone-d5	8.632	63	73521	90.028	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 90.030%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	130553	51.394	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 102.780%		
66) 1,2-Dichlorobenzene-d4	12.192	152	78533	53.486	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 106.980%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	769	0.542	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	552	0.419	ug/L #	1
35) Methylcyclohexane	6.690	83	21455	8.458	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	11114	6.004	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2834	1.135	ug/L #	65
44) trans-1,3-Dichloropropene	8.182	75	1880	0.802	ug/L	85
60) 1,2,3-Trichloropropane	11.812	75	10410	5.019	ug/L #	67

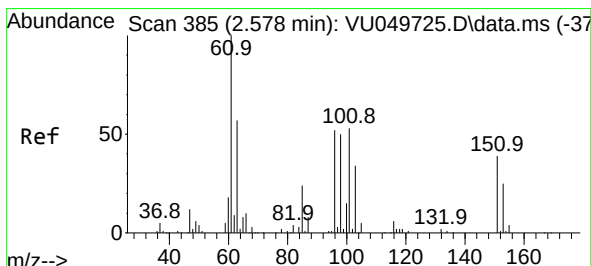
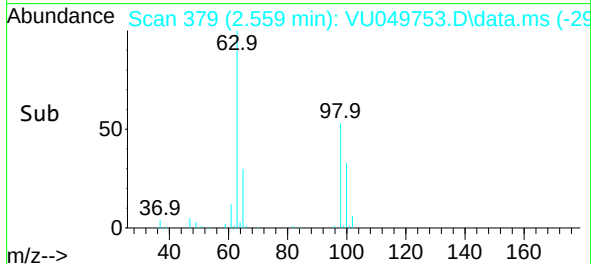
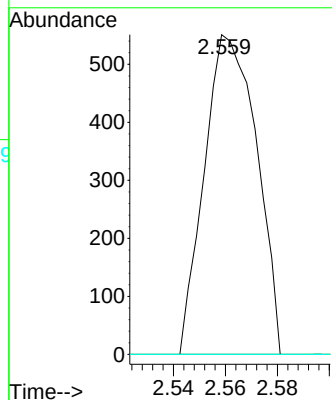
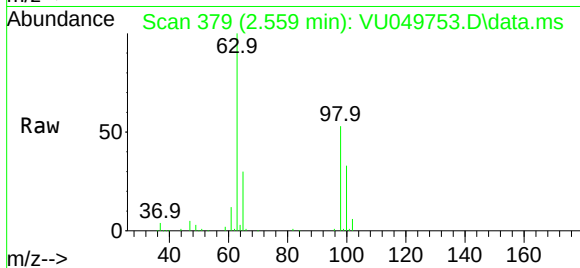
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.542 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU049753.D
Acq: 18 Jul 2022 12:04

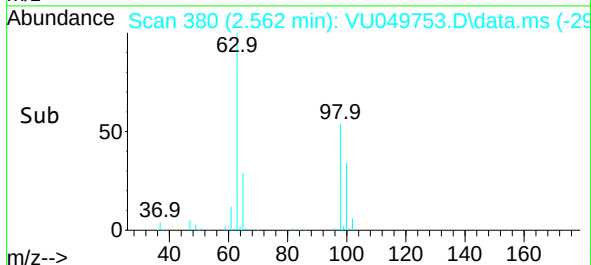
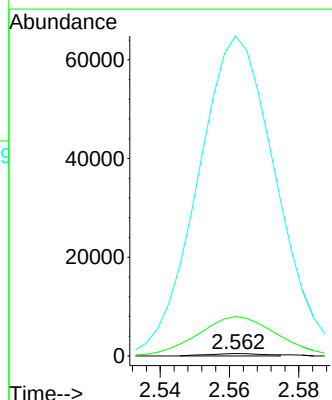
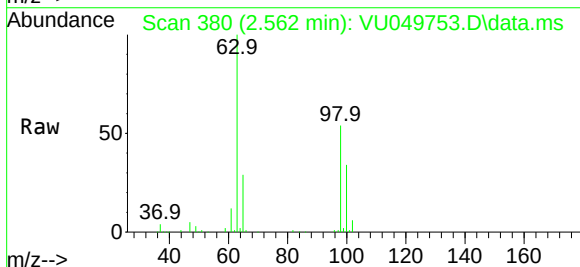
Instrument :
MSVOA_U
ClientSampleId :

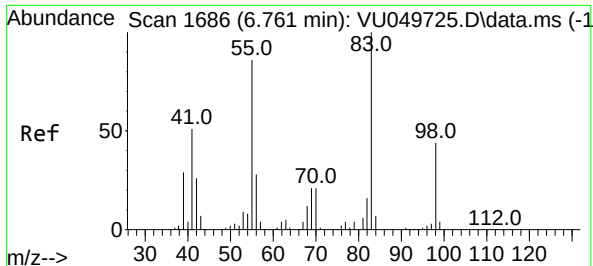
Tgt Ion:101 Resp: 769
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.419 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU049753.D
Acq: 18 Jul 2022 12:04

Tgt Ion: 96 Resp: 552
Ion Ratio Lower Upper
96 100
61 1643.3 129.6 240.6#
63 13369.1 79.0 146.6#

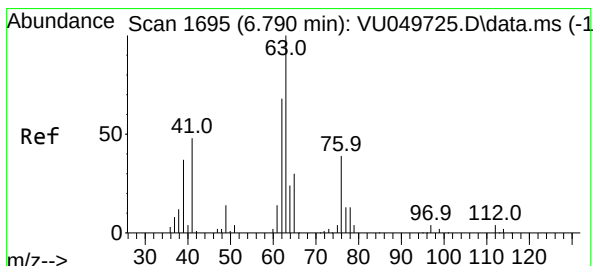
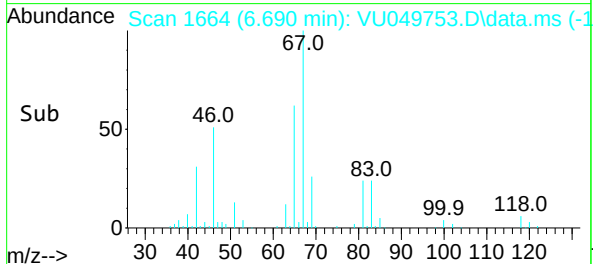
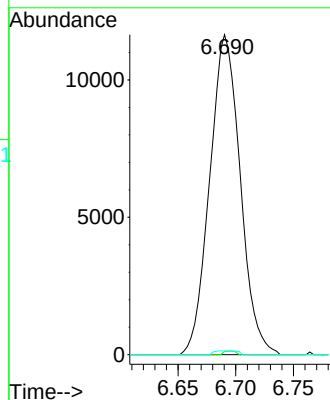
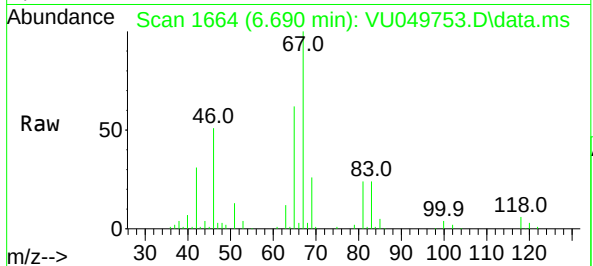




#35
Methylcyclohexane
Concen: 8.458 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049753.D
Acq: 18 Jul 2022 12:04

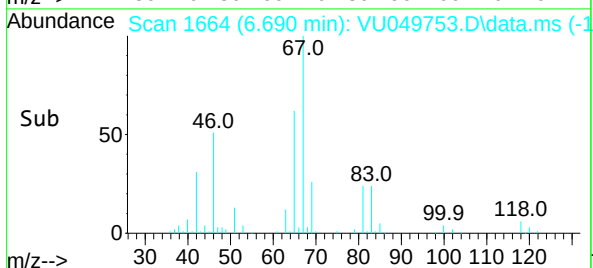
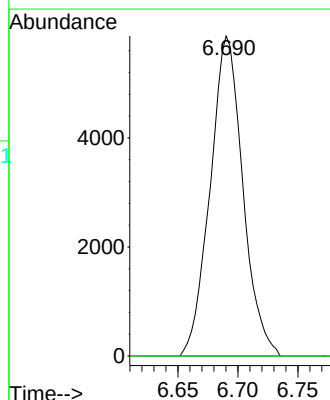
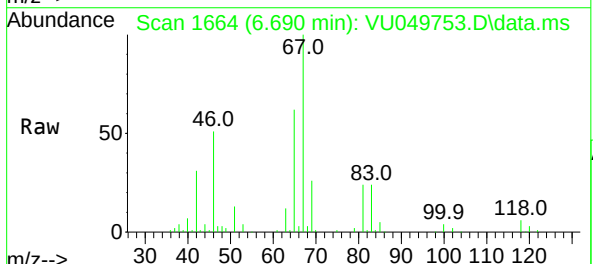
Instrument :
MSVOA_U
ClientSampleId :

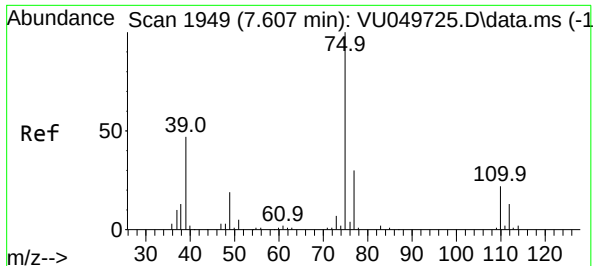
Tgt Ion: 83 Resp: 21455
Ion Ratio Lower Upper
83 100
55 0.4 66.0 99.0#
98 0.5 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 6.004 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049753.D
Acq: 18 Jul 2022 12:04

Tgt Ion: 63 Resp: 11114
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.135 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049753.D

Acq: 18 Jul 2022 12:04

Instrument :

MSVOA_U

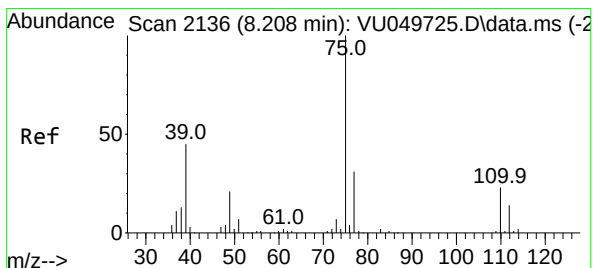
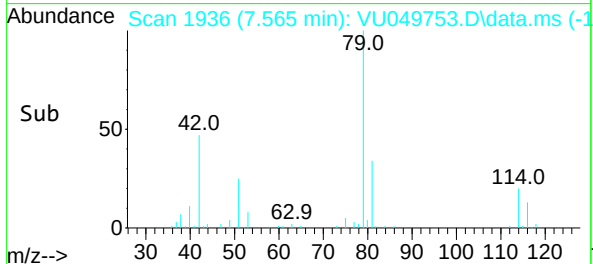
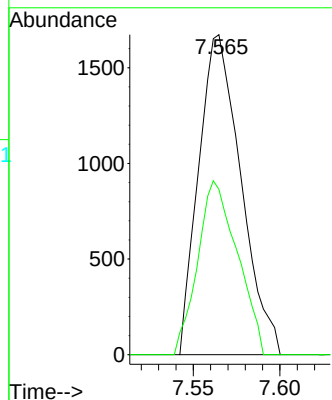
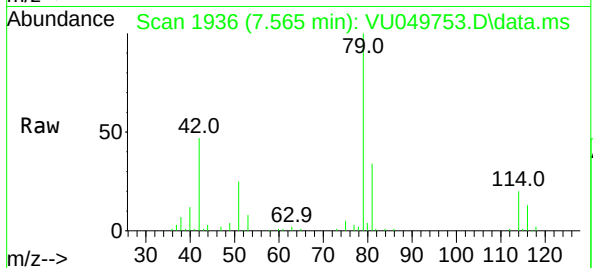
ClientSampleId :

Tgt Ion: 75 Resp: 2834

Ion Ratio Lower Upper

75 100

77 51.6 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.802 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049753.D

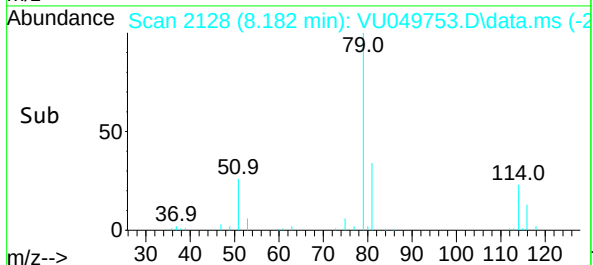
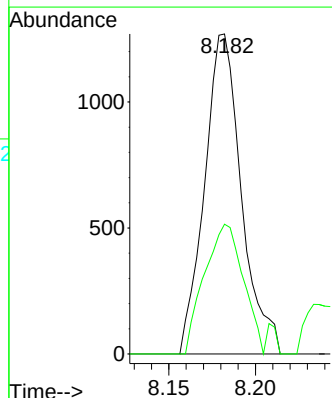
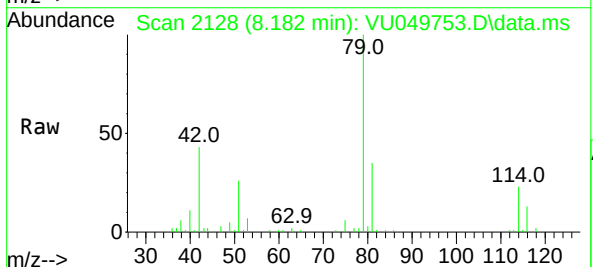
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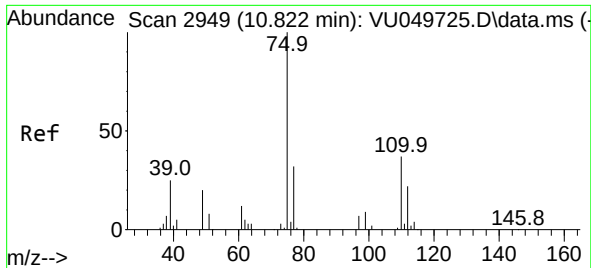
Tgt Ion: 75 Resp: 1880

Ion Ratio Lower Upper

75 100

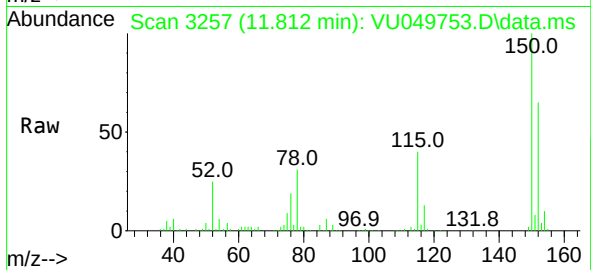
77 40.6 22.5 41.9





#60
 1,2,3-Trichloropropane
 Concen: 5.019 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049753.D
 Acq: 18 Jul 2022 12:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	10410
Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.5	38.3
110	2.8	28.9	43.3#

