

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
 Data File : VU049345.D
 Acq On : 22 Jun 2022 12:38
 Operator : SY/MD
 Sample : N3394-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

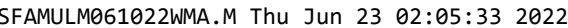
Quant Time: Jun 23 02:05:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 23 02:04:00 2022
 Response via : Initial Calibration

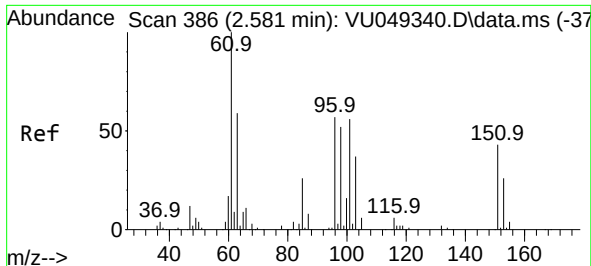
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	246905	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229424	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	102355	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60762	39.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.900%
7) Chloroethane-d5	1.903	69	51832	46.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.820%
11) 1,1-Dichloroethene-d2	2.562	63	86835	30.254	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.500%
21) 2-Butanone-d5	4.617	46	190769	114.393	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.390%
24) Chloroform-d	5.063	84	152273	46.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
26) 1,2-Dichloroethane-d4	5.700	65	99764	47.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.920%
32) Benzene-d6	5.726	84	276182	48.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
36) 1,2-Dichloropropane-d6	6.690	67	104310	54.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.080%
41) Toluene-d8	7.896	98	242427	48.319	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.640%
43) trans-1,3-Dichloroprop...	8.179	79	44273	49.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.420%
47) 2-Hexanone-d5	8.629	63	115947	115.838	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.840%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	166057	51.986	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.980%
66) 1,2-Dichlorobenzene-d4	12.192	152	93923	52.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.480%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	763	0.439	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	547	0.359	ug/L #	1
35) Methylcyclohexane	6.690	83	24465	9.355	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10897	5.199	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3048	0.988	ug/L #	53
44) trans-1,3-Dichloropropene	8.176	75	1984	0.650	ug/L #	67
60) 1,2,3-Trichloropropane	11.809	75	13201	5.085	ug/L #	68

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

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.439 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

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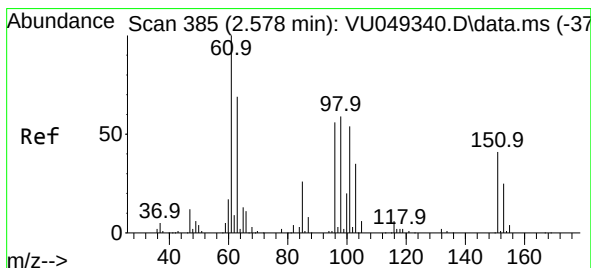
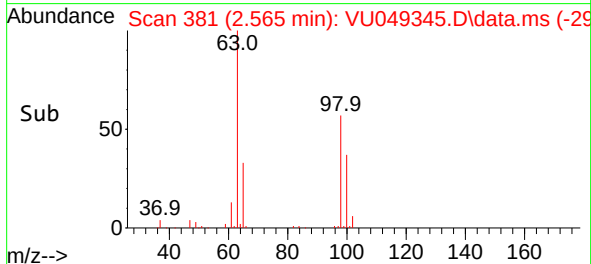
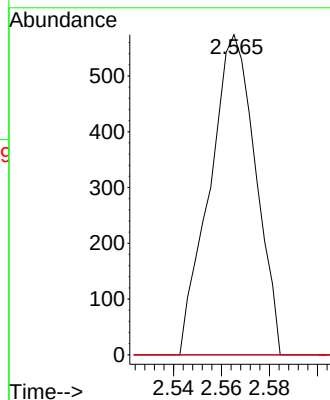
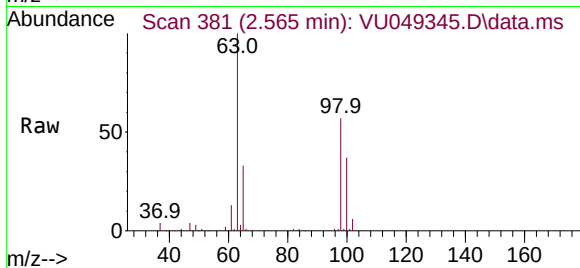
Tgt Ion:101 Resp: 763

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

151 0.0 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 0.359 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU049345.D

Acq: 22 Jun 2022 12:38

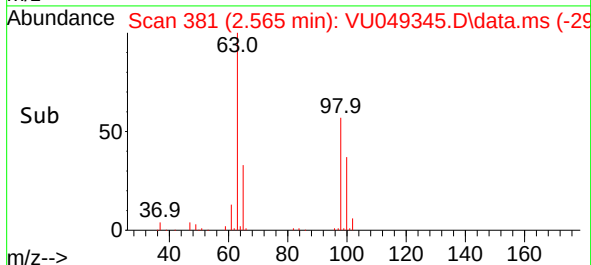
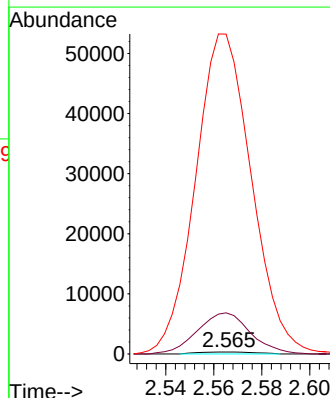
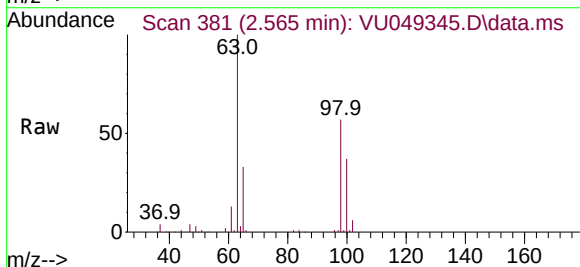
Tgt Ion: 96 Resp: 547

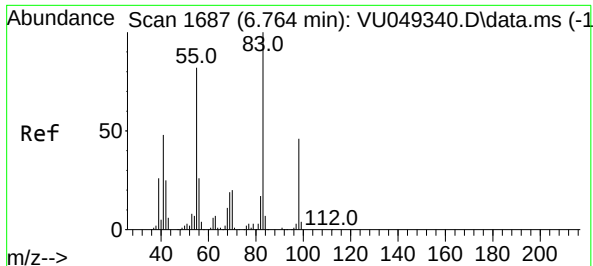
Ion Ratio Lower Upper

96 100

61 2182.5 123.5 229.3#

63 16950.3 86.0 159.8#

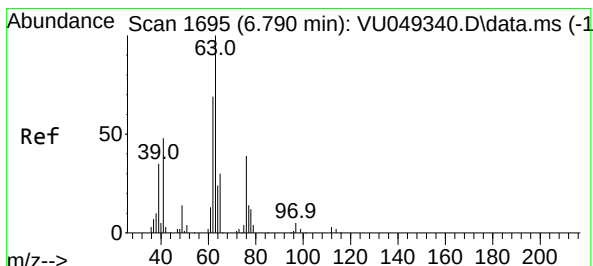
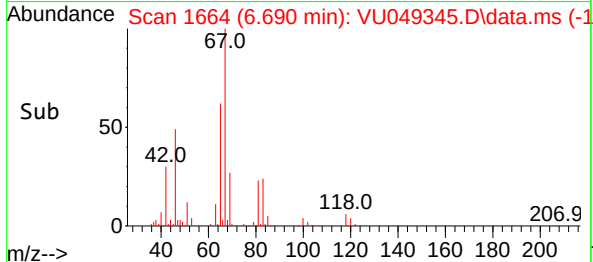
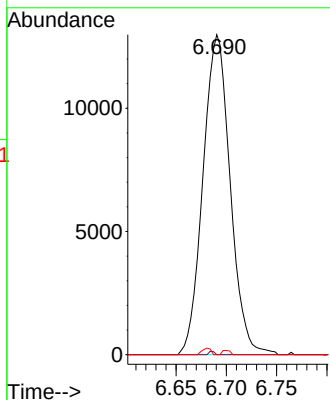
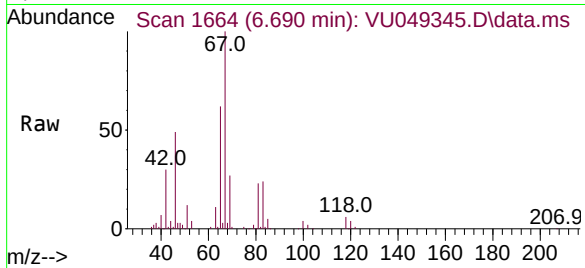




#35
Methylcyclohexane
Concen: 9.355 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049345.D
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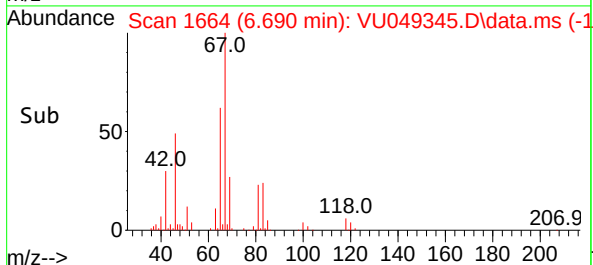
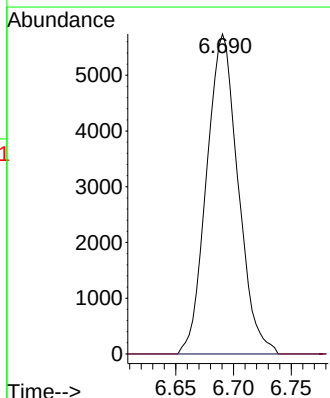
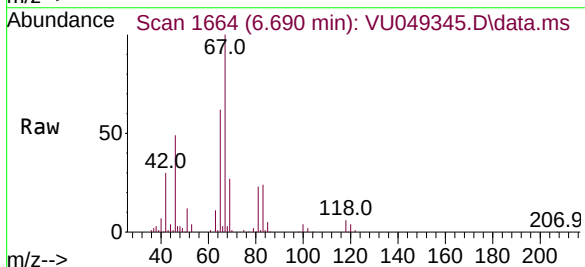
Instrument :
MSVOA_U
ClientSampleId :

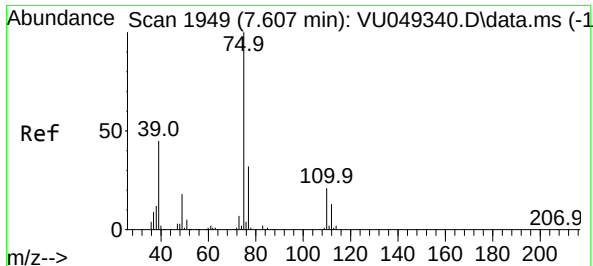
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	61.0	91.6#
98	0.7	36.8	55.2#



#37
1,2-Dichloropropane
Concen: 5.199 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049345.D
Acq: 22 Jun 2022 12:38

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.988 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049345.D

Acq: 22 Jun 2022 12:38

Instrument :

MSVOA_U

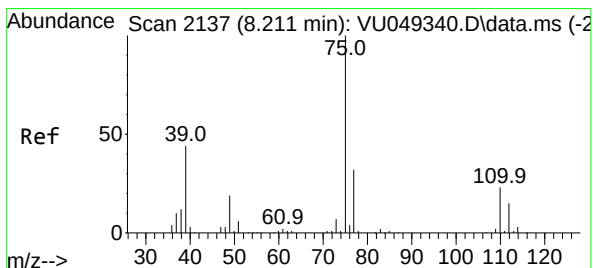
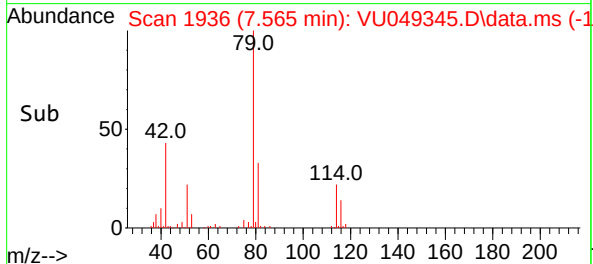
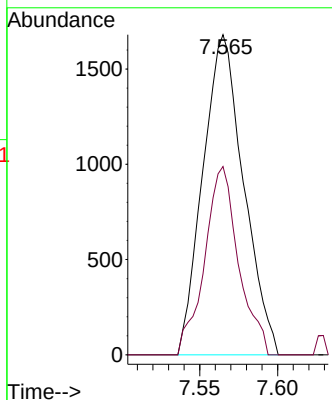
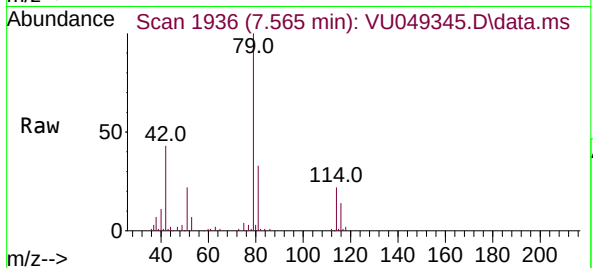
ClientSampleId :

Tgt Ion: 75 Resp: 3048

Ion Ratio Lower Upper

75 100

77 58.8 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.650 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU049345.D

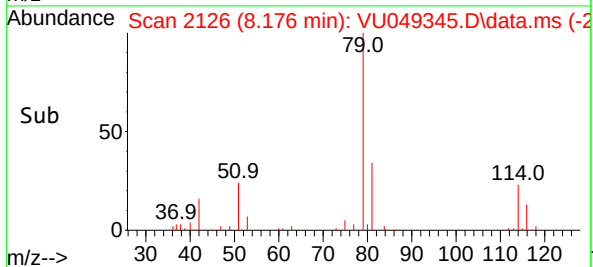
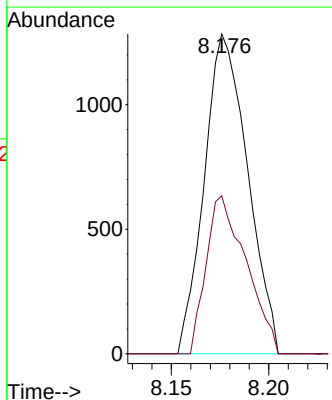
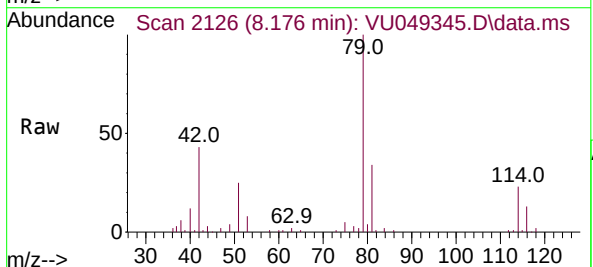
Acq: 22 Jun 2022 12:38

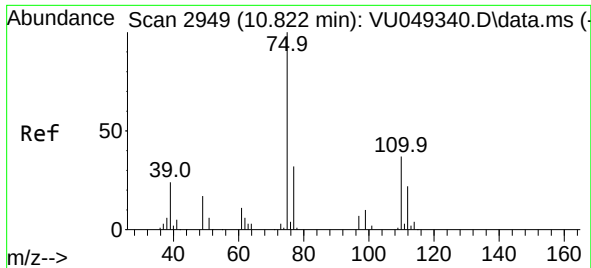
Tgt Ion: 75 Resp: 1984

Ion Ratio Lower Upper

75 100

77 49.5 21.9 40.7#





#60
 1,2,3-Trichloropropane
 Concen: 5.085 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049345.D
 Acq: 22 Jun 2022 12:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 13201
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.6 40.0
 110 2.6 30.2 45.4#

