

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046135.D
 Acq On : 07 Dec 2021 13:11
 Operator : SY/MD
 Sample : M4868-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:52:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

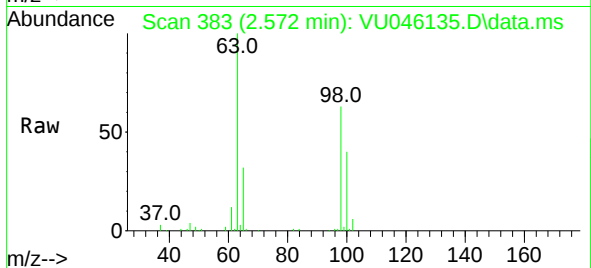
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	176510	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	175751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91116	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	58889	40.501	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.000%
7) Chloroethane-d5	1.919	69	45603	40.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.700%
11) 1,1-Dichloroethene-d2	2.572	63	85330	32.691	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.380%
21) 2-Butanone-d5	4.639	46	120969	104.657	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.660%
24) Chloroform-d	5.067	84	114454	47.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.280%
26) 1,2-Dichloroethane-d4	5.703	65	80715	49.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.060%
32) Benzene-d6	5.729	84	253234	50.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.540%
36) 1,2-Dichloropropane-d6	6.694	67	78806	50.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	7.899	98	226379	49.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	8.179	79	35253	46.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.560%
47) 2-Hexanone-d5	8.632	63	84069	113.576	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	122271	51.644	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.280%
66) 1,2-Dichlorobenzene-d4	12.195	152	94177	53.670	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.340%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	890	0.693	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	635	0.520	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1250	0.646	ug/L #	73
35) Methylcyclohexane	6.694	83	19550	8.997	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	8488	6.091	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2198	1.037	ug/L #	80
44) trans-1,3-Dichloropropene	8.179	75	1450	0.696	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	10481	5.247	ug/L #	64

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

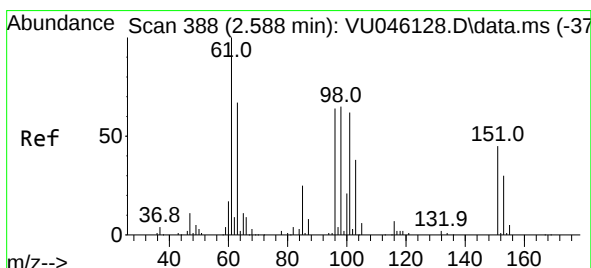
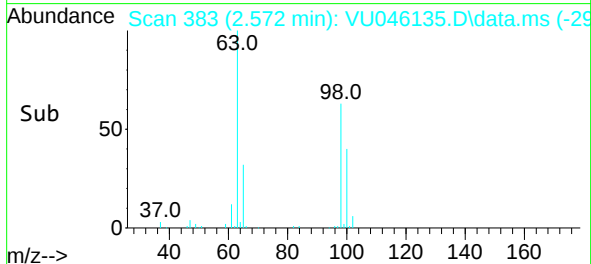
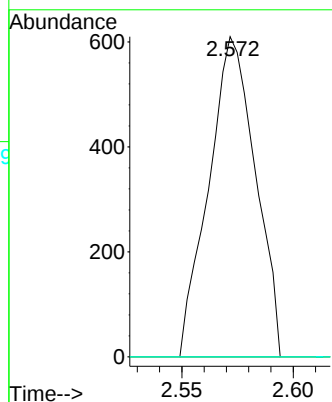


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.693 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046135.D
 Acq: 07 Dec 2021 13:11

Instrument :
 MSVOA_U
 ClientSampleId :

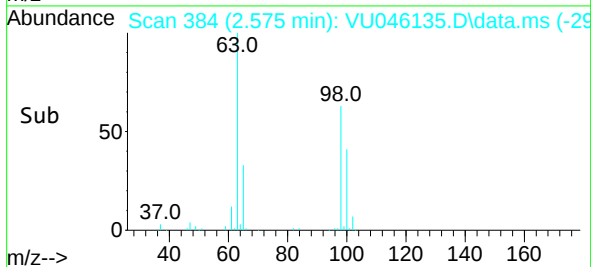
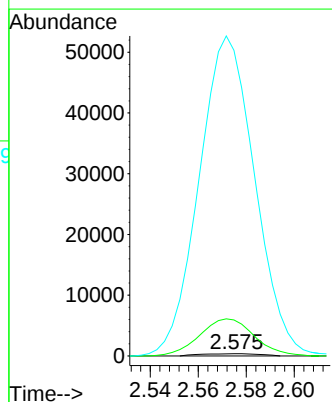
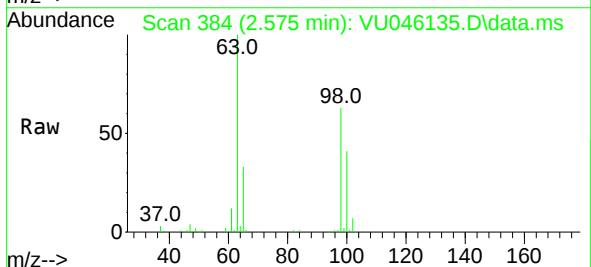


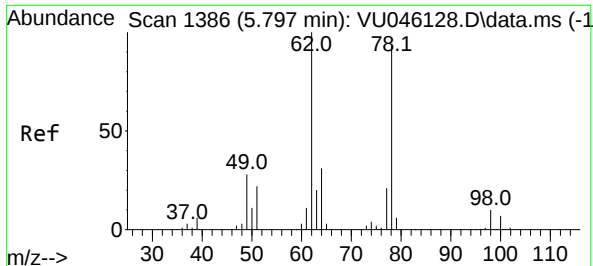
Tgt Ion:101 Resp: 890
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.520 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU046135.D
 Acq: 07 Dec 2021 13:11

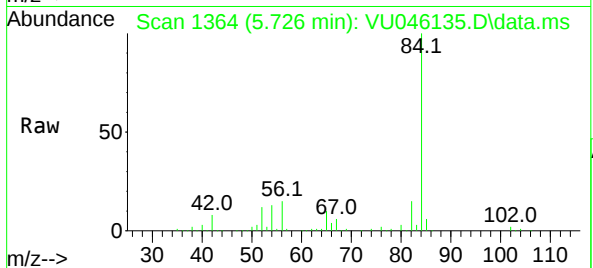
Tgt Ion: 96 Resp: 635
 Ion Ratio Lower Upper
 96 100
 61 1643.6 118.6 220.2#
 63 13977.8 93.0 172.8#



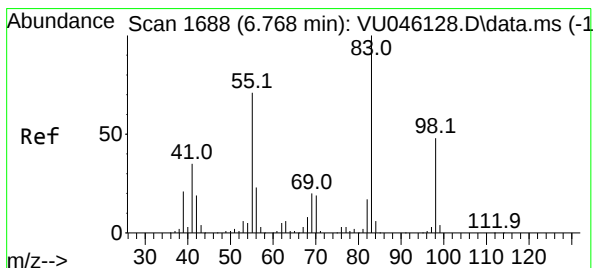
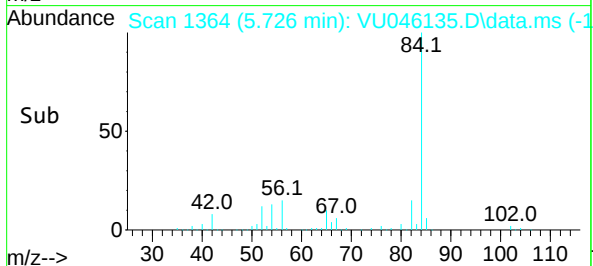
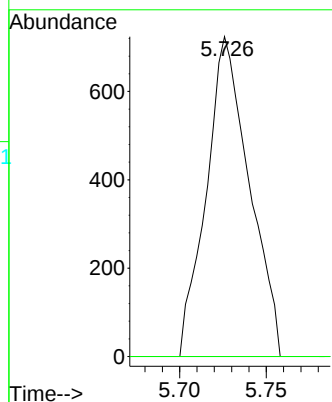


#27
 1,2-Dichloroethane
 Concen: 0.646 ug/L
 RT: 5.726 min Scan# 11
 Delta R.T. -0.074 min
 Lab File: VU046135.D
 Acq: 07 Dec 2021 13:11

Instrument :
 MSVOA_U
 ClientSampleId :

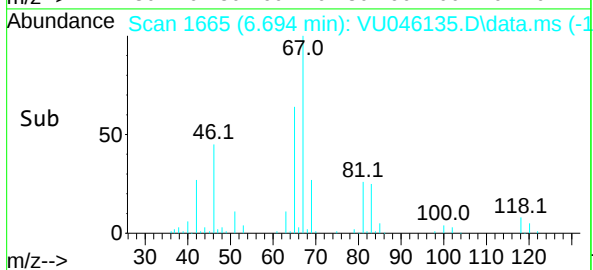
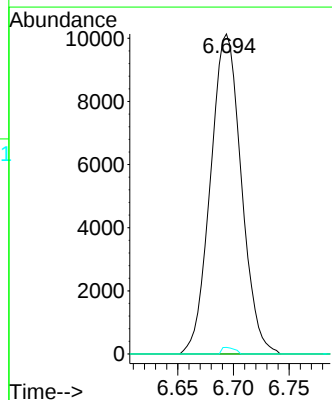
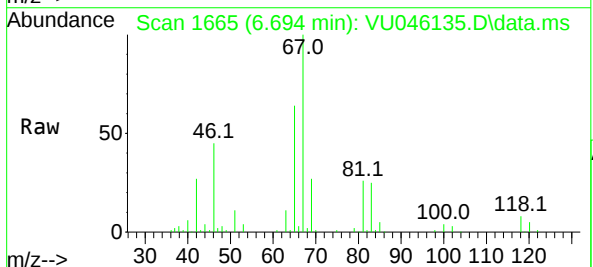


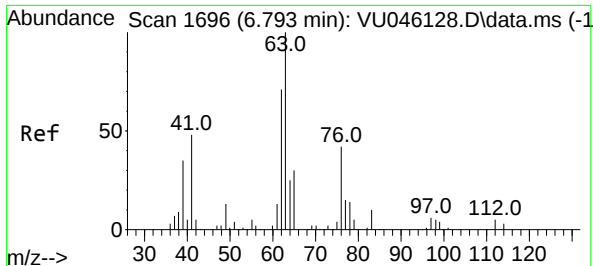
Tgt Ion: 62 Resp: 1250
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#



#35
 Methylcyclohexane
 Concen: 8.997 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU046135.D
 Acq: 07 Dec 2021 13:11

Tgt Ion: 83 Resp: 19550
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.8 86.6#
 98 0.9 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.091 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046135.D

Acq: 07 Dec 2021 13:11

Instrument :

MSVOA_U

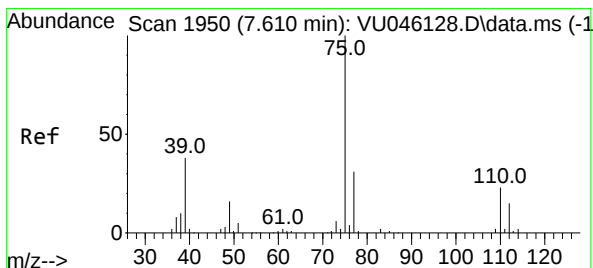
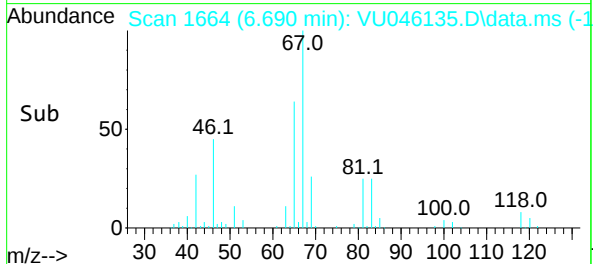
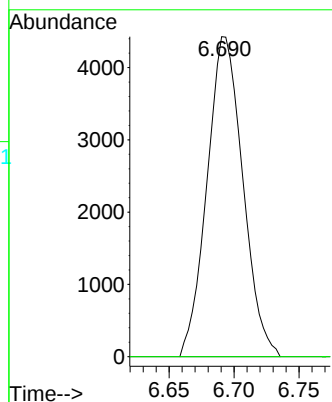
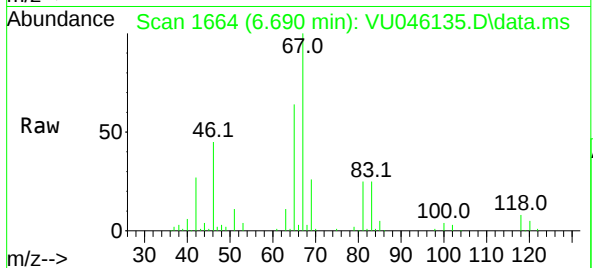
ClientSampleId :

Tgt Ion: 63 Resp: 8488

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.037 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046135.D

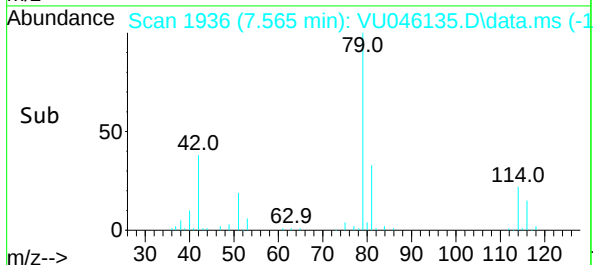
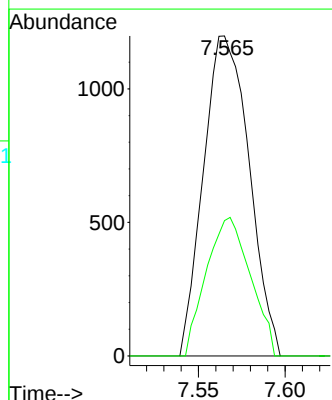
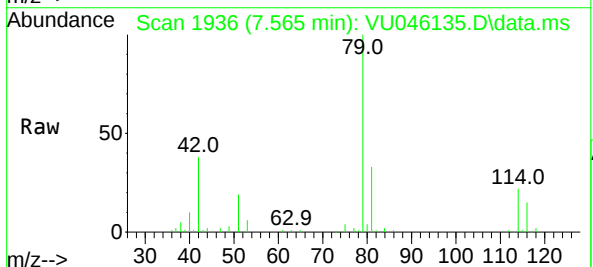
Acq: 07 Dec 2021 13:11

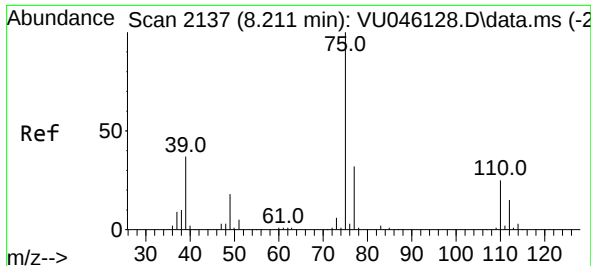
Tgt Ion: 75 Resp: 2198

Ion Ratio Lower Upper

75 100

77 42.3 21.8 40.6#

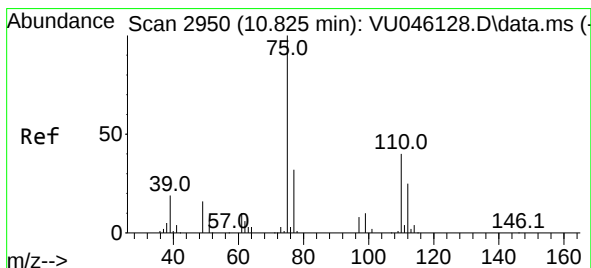
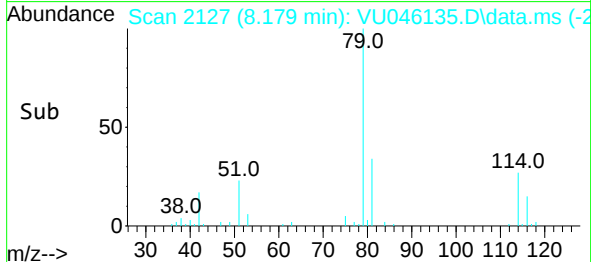
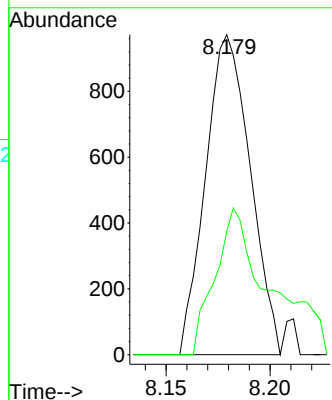
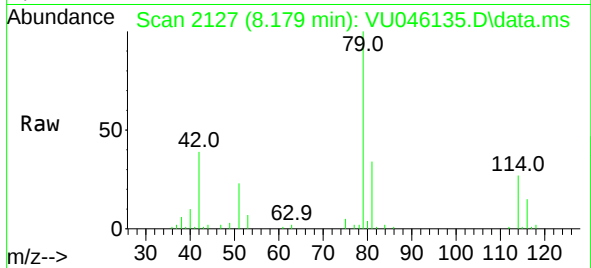




#44
trans-1,3-Dichloropropene
Concen: 0.696 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU046135.D
Acq: 07 Dec 2021 13:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1450
Ion Ratio Lower Upper
75 100
77 38.6 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.247 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046135.D
Acq: 07 Dec 2021 13:11

Tgt Ion: 75 Resp: 10481
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6
110 1.0 32.4 48.6#

