

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046464.D
 Acq On : 17 Dec 2021 12:17
 Operator : SY/MD
 Sample : VU1217WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 13:24:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

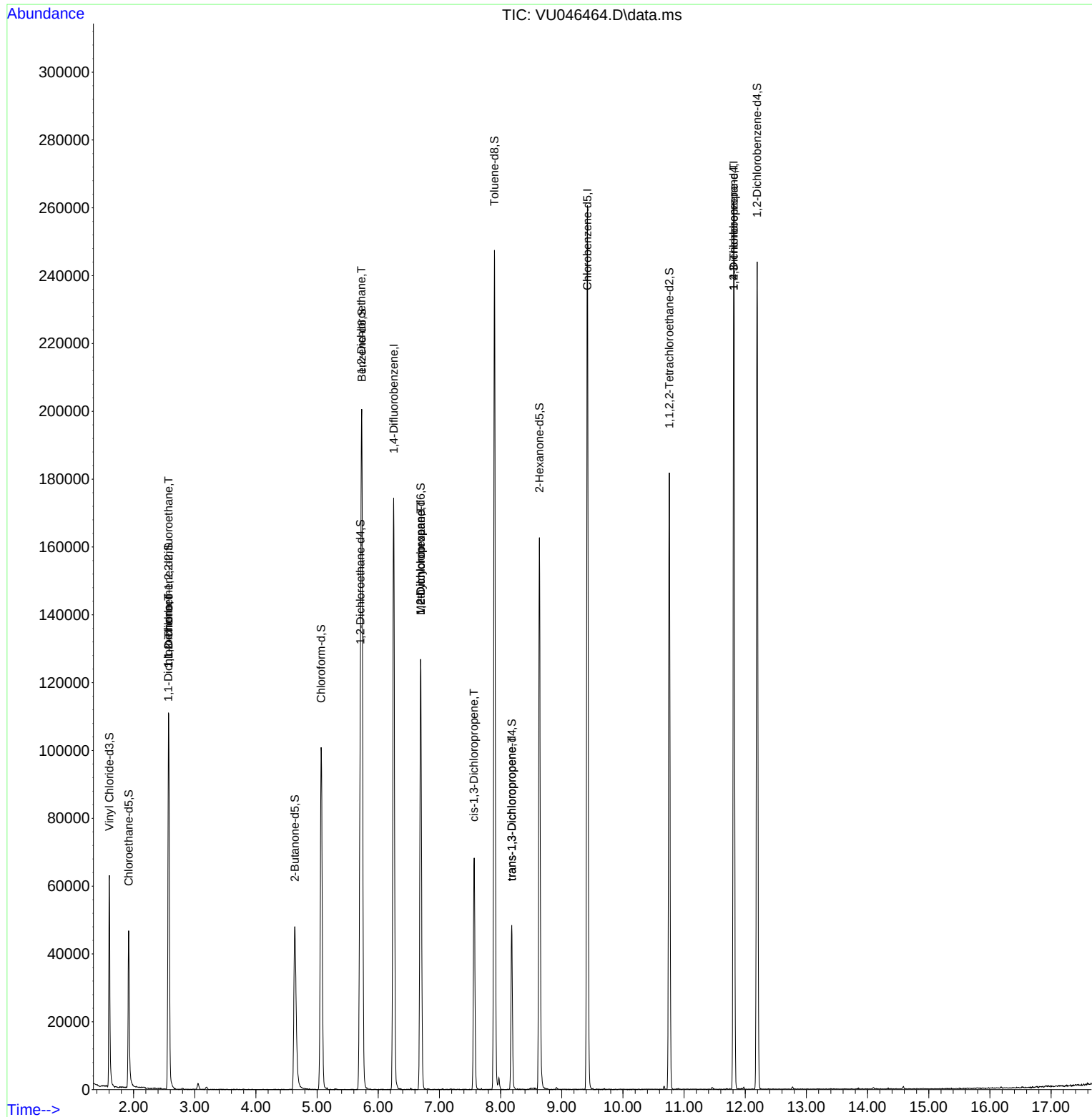
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140766	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	143224	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70238	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50421	43.483	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.960%		
7) Chloroethane-d5	1.919	69	39134	43.956	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.920%		
11) 1,1-Dichloroethene-d2	2.571	63	67328	32.344	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.680%		
21) 2-Butanone-d5	4.636	46	78028	84.648	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.650%		
24) Chloroform-d	5.067	84	94670	48.890	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.780%		
26) 1,2-Dichloroethane-d4	5.706	65	65426	50.345	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.700%		
32) Benzene-d6	5.732	84	186930	45.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
36) 1,2-Dichloropropane-d6	6.694	67	58721	46.156	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.320%		
41) Toluene-d8	7.899	98	161876	43.310	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.620%		
43) trans-1,3-Dichloroprop...	8.182	79	28068	45.702	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.400%		
47) 2-Hexanone-d5	8.636	63	58525	97.023	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.020%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	88177	45.702	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	61749	45.650	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.300%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	620	0.605	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	392	0.403	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1145	0.742	ug/L #	73
35) Methylcyclohexane	6.694	83	14290	8.070	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6532	5.752	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1702	0.985	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	1334	0.786	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	8364	5.432	ug/L #	65

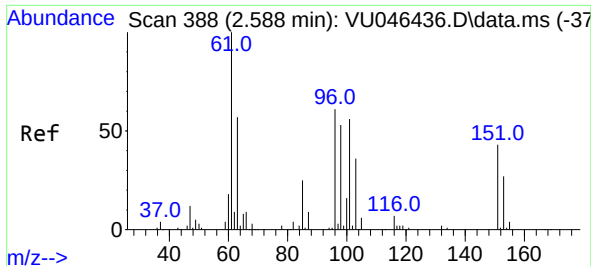
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 17 03:50:47 2021
Response via : Initial Calibration

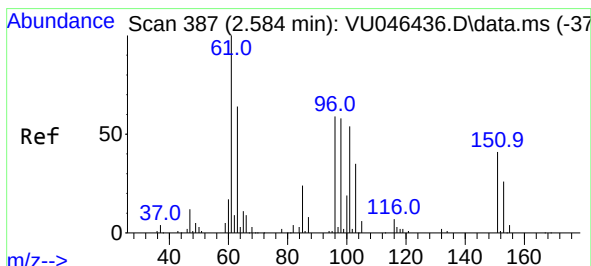
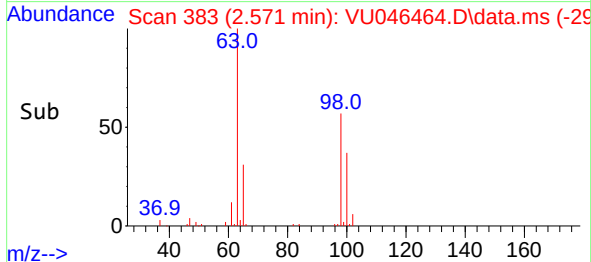
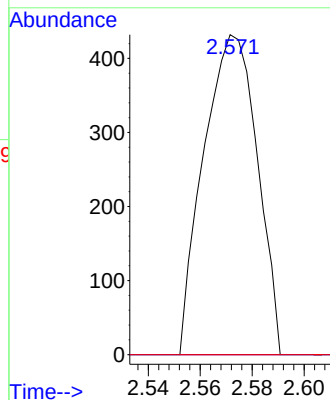
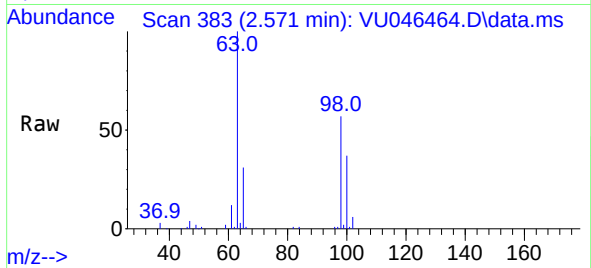




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.605 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046464.D
Acq: 17 Dec 2021 12:17

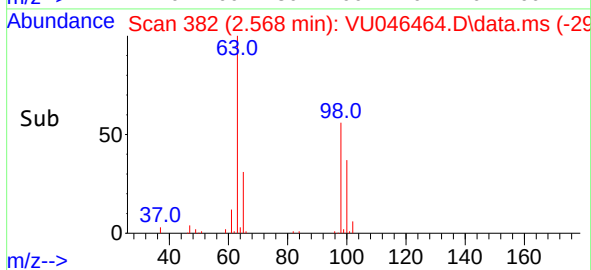
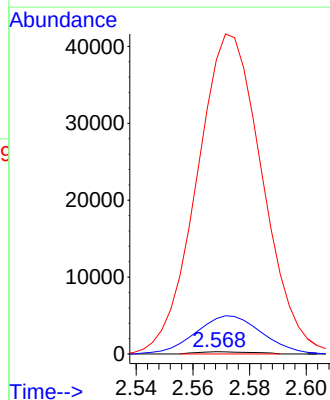
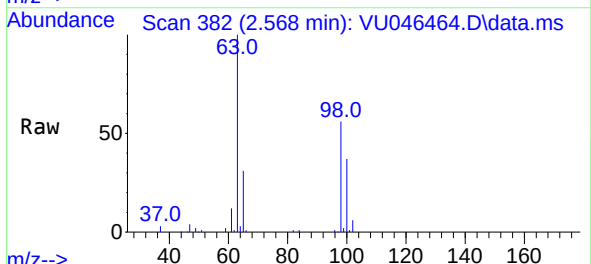
Instrument :
MSVOA_U
ClientSampleId :

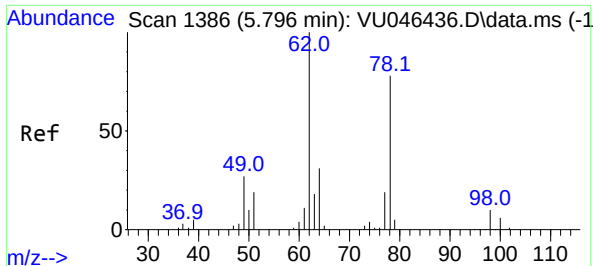
Tgt Ion:101 Resp: 620
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.403 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046464.D
Acq: 17 Dec 2021 12:17

Tgt Ion: 96 Resp: 392
Ion Ratio Lower Upper
96 100
61 1627.9 118.6 220.2#
63 13518.0 93.0 172.8#

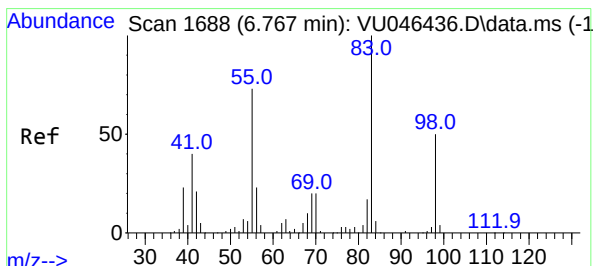
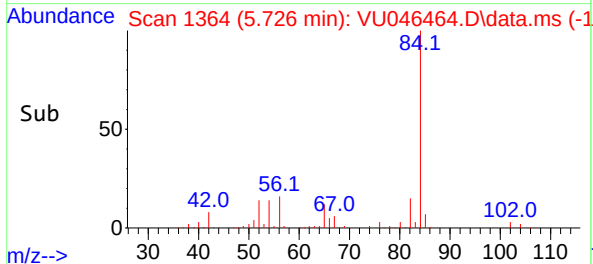
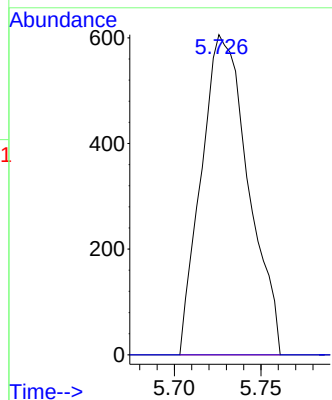
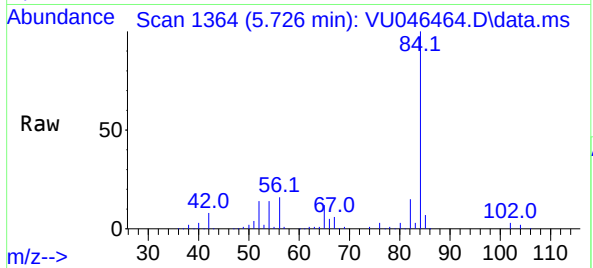




#27
1,2-Dichloroethane
Concen: 0.742 ug/L
RT: 5.726 min Scan# 1145
Delta R.T. -0.071 min
Lab File: VU046464.D
Acq: 17 Dec 2021 12:17

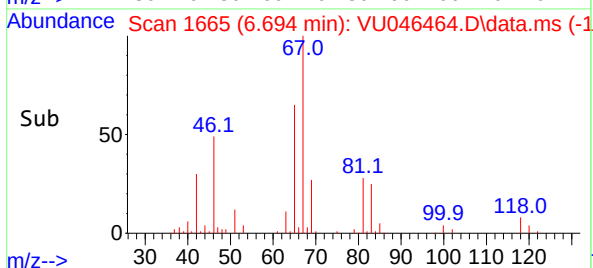
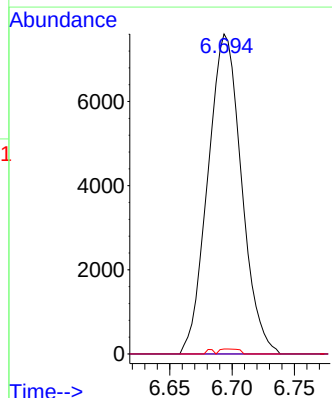
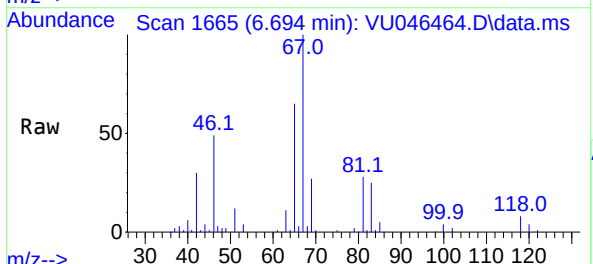
Instrument :
MSVOA_U
ClientSampleId :

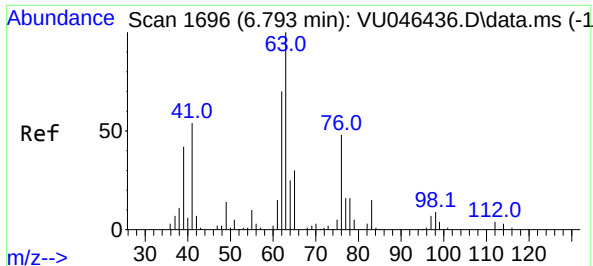
Tgt Ion: 62 Resp: 1145
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 8.070 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046464.D
Acq: 17 Dec 2021 12:17

Tgt Ion: 83 Resp: 14290
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.8 38.4 57.6#

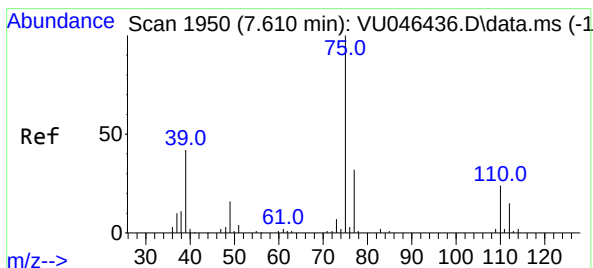
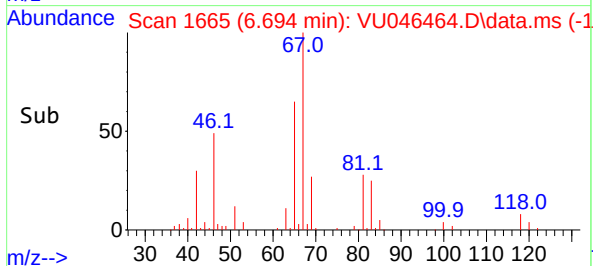
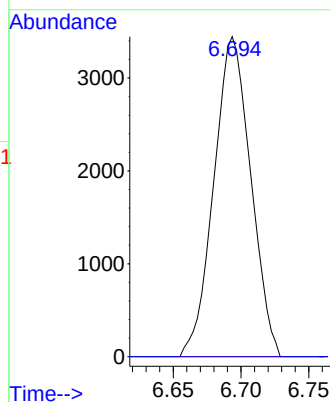
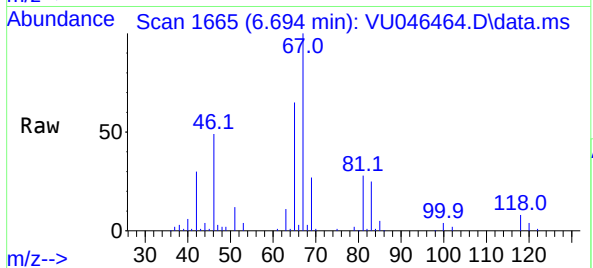




#37
1,2-Dichloropropane
Concen: 5.752 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046464.D
Acq: 17 Dec 2021 12:17

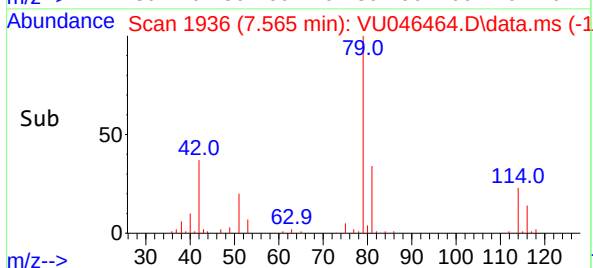
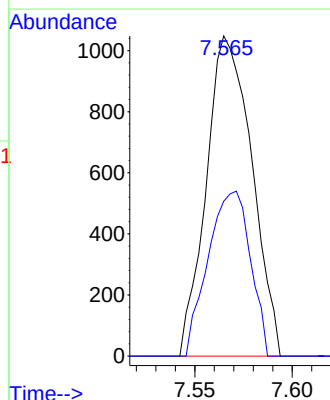
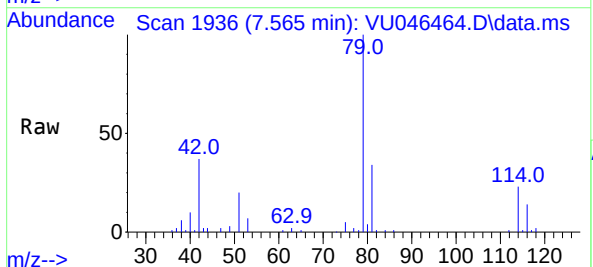
Instrument :
MSVOA_U
ClientSampleId :

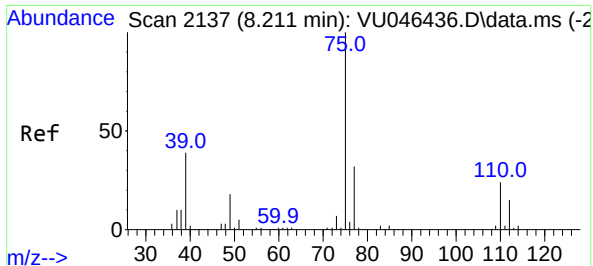
Tgt Ion: 63 Resp: 6532
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.985 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU046464.D
Acq: 17 Dec 2021 12:17

Tgt Ion: 75 Resp: 1702
Ion Ratio Lower Upper
75 100
77 48.4 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.786 ug/L

RT: 8.182 min Scan# 2134

Delta R.T. -0.029 min

Lab File: VU046464.D

Acq: 17 Dec 2021 12:17

Instrument :

MSVOA_U

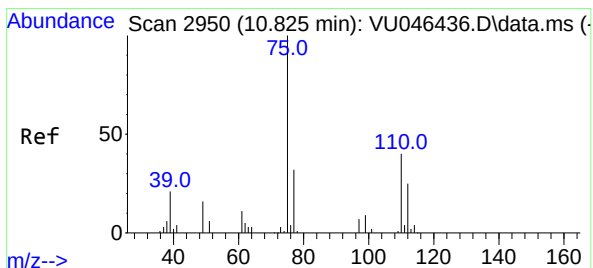
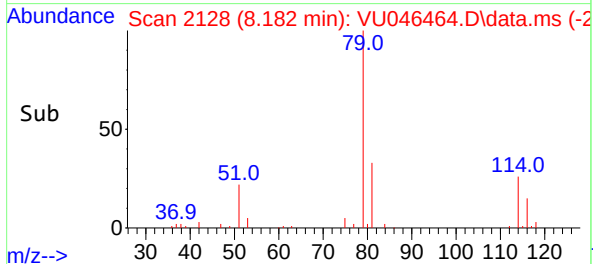
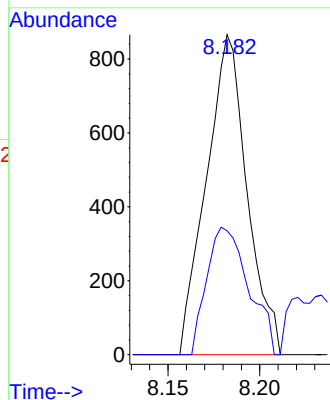
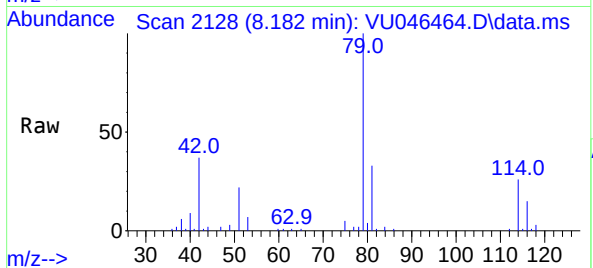
ClientSampleId :

Tgt Ion: 75 Resp: 1334

Ion Ratio Lower Upper

75 100

77 38.7 21.7 40.3



#60

1,2,3-Trichloropropane

Concen: 5.432 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046464.D

Acq: 17 Dec 2021 12:17

Tgt Ion: 75 Resp: 8364

Ion Ratio Lower Upper

75 100

77 33.5 26.4 39.6

110 1.4 32.4 48.6#

